
UNITED STATES DEPARTMENT OF AGRICULTURE
U.S. DEPARTMENT OF AGRICULTURE
NATIONAL AGRICULTURAL LIBRARY

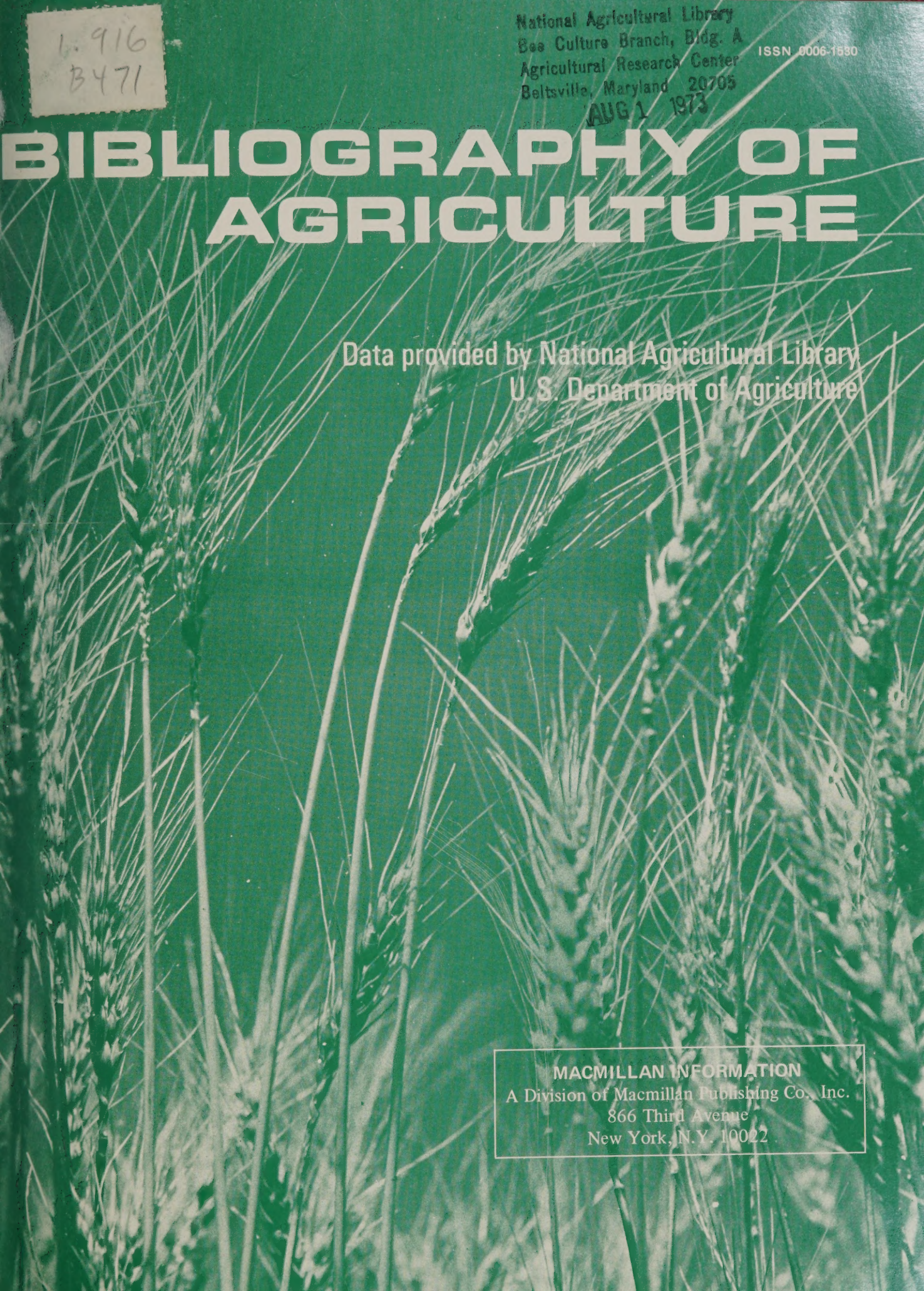
1.916
B471

National Agricultural Library
Bee Culture Branch, Bldg. A
Agricultural Research Center
Beltsville, Maryland 20705
AUG 1 1973

ISSN 0006-1530

BIBLIOGRAPHY OF AGRICULTURE

Data provided by National Agricultural Library
U.S. Department of Agriculture



MACMILLAN INFORMATION
A Division of Macmillan Publishing Co., Inc.
866 Third Avenue
New York, N.Y. 10022

The *Bibliography of Agriculture* is a monthly index to the literature of agriculture and the allied sciences received in the National Agricultural Library. Magnetic tapes supplied by the library are computer processed, using several vocabulary control mechanisms. The resulting subject and author indexes provide access to the literature in considerably less time than would be required by traditional indexing techniques.

Vol. 37 - No. 7 July 1973 Entries 062135-072620

BIBLIOGRAPHY OF AGRICULTURE

Data provided by National Agricultural Library
U.S. Department of Agriculture

CONTENTS

INTRODUCTION . . . . . p. iii
MAIN ENTRY SECTION . . . . . p. 1

General agriculture and rural sociology	062135-062227
General agricultural economics and land economics	062228-062301
Agricultural administration and management	062302-062471
Agricultural production costs and returns	062472-062608
Agricultural production distribution	062609-062792
Statistical data and methodology	062793-062834
Outlook, policies, programs, and legislation	062835-063025
Consumer protection	063026-063219
Human nutrition	063220-063282
Home economics	063283-063288
Agricultural products – general	063289-063479
Dairy products	063480-063579
Livestock products	063580-063674
Poultry products	063675-063688
Field crop products	063689-063868
Horticultural Products	063869-064038
Feed products	064039-064109
Animal husbandry	064110-064242
Livestock biology	064243-064584
Livestock feeding	064585-064923
Livestock breeding	064924-065212
Veterinary medicine	065213-065371
Infectious and parasitic diseases	065372-065904
Non-infectious diseases	065905-066013
Miscellaneous diseases	066014-066076

MACMILLAN INFORMATION
A Division of Macmillan Publishing Co., Inc.
866 Third Avenue
New York, N.Y. 10022

Forestry — general	066077-066167
Forest management	066168-066316
Silviculture	066317-066405
Forest industries	066406-066571
General plant science	066572-066603
Plant taxonomy and geography	066604-066822
Plant ecology	066823-066914
Plant morphology, anatomy and cytology	066915-067059
Plant genetics and breeding	067060-067391
Plant physiology and biochemistry — general	067392-067875
Physiology and biochemistry of field crops	067876-068212
Physiology and biochemistry of horticultural crops	068213-068510
Physiology and biochemistry of forest trees	068511-068607
Field crops — culture	068608-068911
Horticultural crops — culture	068912-069199
Miscellaneous economic plants — culture	069200-069228
Plant fungus diseases and control	069229-069579
Plant bacterial diseases and control	069580-069606
Plant virus diseases and control	069607-069740
Miscellaneous plant diseases, injuries, and control	069741-069930
Weeds and herbicides	069931-070237
Insect pests and controls — general and miscellaneous plants	070238-070303
Insect pests and controls — field crops	070304-070413
Insect pests and controls — horticultural crops	070414-070522
Insect pests and controls — forest trees, products	070523-070566
Insect pests and controls — products	070567-070591
Insect pests and controls — animal and man	070592-070666
Pesticides — general	070667-070748
General entomology	070749-071109
Taxonomic entomology	071110-071370
Apiculture and sericulture	071371-071417
Agricultural engineering	071418-071509
Farm equipment	071510-071708
Soil Science	071709-071966
Soil improvement materials	071967-072246
Soil resources and management	072247-072348
Water resources and management	072349-072479
General natural resources and environmental pollution	072480-072620
*Life sciences	
*Physical sciences and mathematics	
*Chemistry	
*Technology	
*Economics and administration	
*Social sciences and humanities	
*Information science	

*These categories are infrequently used

SUBJECT INDEX . . . . . p. 165
GEOGRAPHIC INDEX . . . . . p. 347
CORPORATE AUTHOR INDEX . . . . . p. 353
PERSONAL AUTHOR INDEX . . . . . p. 357

Copyright © 1973 by Macmillan Information, a division of Macmillan Publishing Company, Inc.

The Bibliography of Agriculture is published monthly by Macmillan Information, 866 Third Avenue, New York, New York 10022. All rights reserved. No part of this book may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photo-copying, recording, or by any information storage and retrieval system, without permission in writing from Macmillan Information. Price: $95.00 for 12 Issues. Individual Issue $10.00, plus Postage and Handling.

Manufactured in the United States of America.

Second Class Postage Rates paid at New York, N.Y. and at additional mailing offices.

1295580

INTRODUCTION

The *Bibliography of Agriculture* is a monthly index to the literature of agriculture and allied sciences, based upon the indexing records prepared by the U.S. National Agricultural Library, for its CAIN (Cataloging and Indexing) computer system. Macmillan Information, a division of the Macmillan Publishing Company, Inc. prepares and publishes the Bibliography under the control of its own computer indexing system.

CONTENT

The National Agricultural Library collects literature related to agriculture from world wide sources. Publications are considered for inclusion in the CAIN System if a summary, abstract or title is available in a language in which the Library has expertise. The Bibliography includes journal articles, pamphlets, government documents, special reports, proceedings, etc. Books, new serials and other materials recently cataloged by the Library are announced in the *National Agricultural Library Catalog* published by Rowman and Littlefield.

Articles of substantial interest to the agricultural community are selected by specialists on the library staff. Editorials, letters to the editor, regular columns, and articles signed with pseudonyms or initials are not included. Indexing of articles on the processing of agricultural products is limited to those on primary processing. Generally material must have been published in the current year or the preceding year, but exceptions are made for comprehensive volumes or works of special significance to a wide audience.

The Bibliography is now divided into five sections: A main entry section, a subject index, a geographic index, a corporate author index, and a personal author index.

MAIN ENTRY SECTION

The main entry section provides full bibliographic data for the records added to the CAIN system during the preceding month by the National Agricultural Library.

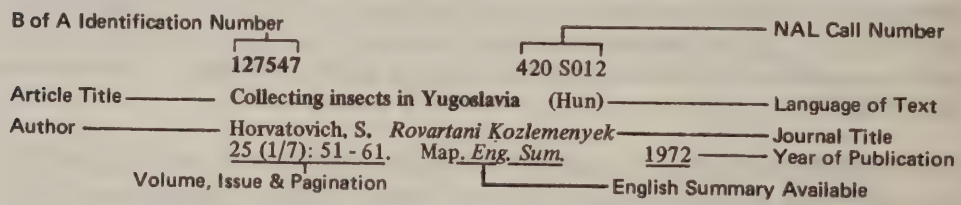
Entries are assigned to one (or more if appropriate) of the broad subject categories shown in the table of contents. The array of subject categories was increased in 1972 to facilitate browsing through a small number of citations of high relevance to a particular interest. Approximately equal numbers of citations will fall into each category over a given period of time. In assigning materials to the categories, first consideration is given to the aspect, discipline or methodology involved, so that the categories will enhance information given in the title.

Within each category, entries are arranged alphabetically by journal title abbreviation. This permits rapid locating and scanning of articles from journals which are known to be relevant.

Each entry begins with a six digit identification number assigned sequentially throughout a volume year. This number serves as an identfier for the item in the various indexes. The call number of the National Agricultural Library is also noted on the first line of each entry, and should be included in any correspondence with the library. All titles are in English, using the Library's translations of non-English titles as necessary. If the text is other than English, the original language is indicated in parentheses following the title, using the following notations:

(Afr)	Afrikaans	(Fle)	Flemish	(Lit)	Lithuanian
(Alb)	Albanian	(Fre)	French	(Mac)	Macedonian
(Arm)	Armenian	(Geo)	Georgian	(Nor)	Norwegian
(Aze)	Azerbaijani	(Ger)	German	(Pol)	Polish
(Bel)	Belorussian	(Gre)	Greek	(Por)	Portuguese
(Bul)	Bulgarian	(Heb)	Hebrew	(Rum)	Rumanian
(Bur)	Burmese	(Hun)	Hungarian	(Rus)	Russian
(Chi)	Chinese	(Ice)	Icelandic	(Ser)	Serbian
(Cro)	Croatian	(Ind)	Indonesian	(Slo)	Slovak
(Cze)	Czech	(Ita)	Italian	(Slv)	Slovenian
(Dan)	Danish	(Jap)	Japanese	(Spa)	Spanish
(Dut)	Dutch	(Kor)	Korean	(Swe)	Swedish
(Est)	Estonian	(Lat)	Latin	(Tha)	Thai
(Fin)	Finnish	(Lav)	Latvian	(Tur)	Turkish
				(Ukr)	Ukrainian

In order to identify bibliographic elements within each main entry, note the following:



SUBJECT INDEX

The vocabulary of the Bibliography of Agriculture is derived from the indexed literature. As a result, it reflects both natural language and scientific terminology. The reader must keep this fact in mind and approach the subject index without any preconceived taxonomy in mind. For example, data on a particular member of the ACARIDAE family may be found under TICKS as well. Prevention measures will be found under ACARICIDE.

The reader should plan his search in terms of the most specific natural language term prior to searching under a scientific term. However, note that the vocabulary is an open ended one and new terms are added each month. Undoubtedly readers will be more keenly aware of crucial search terms within their own fields of research. If such terms are missing, we hope readers will notify the editor of such gaps. The Subject Index will increase its utility if there is frequent interaction between the research community and the editor.

All entries are based on single words in the title (and title enrichment when added by the library). An entry will be made whenever a title word matches a word on the authority file, which currently contains over 25,000 terms. The file is organized so that in most cases synonymous terms are grouped together under a single subject heading. Thus singular and plural forms are grouped under a single term as are grammatical variants:

PROTEINS (singular and plural variation)
I. Water, fats, ash & salt. II **Protein**
Modifying **proteins** for maximum utilization

MANAGEMENT (grammatical and term variation)
profits through nutrition and **management**
Management agricultural extension
* **Administration** of agricultural cooperatives
Techniques of **administering** apiaries in apiculture

* Cross references are made to synonymous terms.

The title word on which the entry is based, appears in bold face type to facilitate rapid scanning of the index. A secondary word, which may either precede or follow the primary word, also appears in bold face type. These word pairs help provide finer access to desired term, particularly under headings which have many entries.

VIRUSES
Physical properties of blue-green **algal virus**
Venezuelan equine **encephalomyelitis virus**
Limited proteolysis of **potato virus X** by
with sugar beet tolerance to **virus yellows.**

If a search is required which related to a general term such as an ACID it would be preferable to search under the specific type of ACID. Very often a specific acid has already been established as a subject term. However new types of acids, or viruses or plant varieties will not have been identified in the the thesaurus and under such circumstances, searching under the more general term would prove more fruitful.

We have changed the format of the table of contents to reflect the identification number ranges of each of the main entry categories. Thus, the reader can check the category under which a subject entry falls, prior to verifying it in the main entry section.

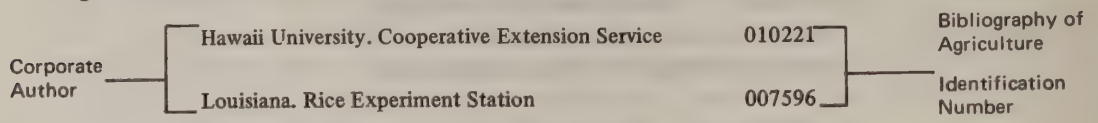
The asterisk line: * * * * * *
Occasionally the reader will encounter a series of asterisks in place of title data under a term, followed by the B of A identification number. This line indicates the presence of material which is part of a series and the title data is identical to that immediately above the asterisk. The identification number given is the last entry in the series which has been entered consecutively within a particular category.

GEOGRAPHIC INDEX

As part of our goal of constantly increasing access to the literature, we have added a geographic index. This index is a direct alphabetic listing of all place names which have been indexed in association with the title. Obviously not all titles will have geographic entries. The indexing division of the National Agricultural Library will add geographic descriptors wherever it is germane to the subject of the article.

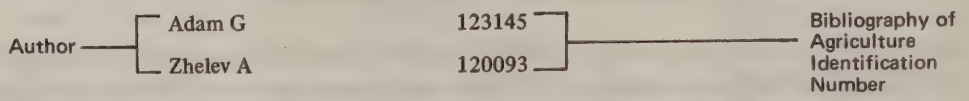
CORPORATE AUTHOR INDEX

Readers will note that the corporate author index is considerably enlarged. We are now able to indicate authorship of the publications of the State Agricultural Experiment Stations and Extension Services. The full corporate citation is given, followed by the six digit identification number referring to its appropriate main entry.



AUTHOR INDEX

All personal authors (to a maximum of ten for each citation) are included in the index. Entries are made by last name and initials, followed by the six digit identification number referring to the bibliographic data in the main entry section.



AVAILABILITY OF REFERENCES CITED

Most of the current publications of the Department of Agriculture, and publications issued by the State Experiment Stations and the State Agricultural Extension Services, may be obtained free of charge by applying directly to the issuing agency. The National Agricultural Library does not distribute them, nor does the publisher.

Users who wish to obtain full text for citations should first utilize the resources of their local libraries. For material which is not readily available from other sources, users may request material from the National Agricultural Library. Such requests must include the complete citation as well as the Library's call number. Microfilm or electrostatic copies of documents may be purchased from the Photocopying Service of the National Agricultural Library, U.S. Department of Agriculture, Beltsville, Maryland 20705. Copy charges are:

Microfilms:	$1.00 for each 30 pages or fraction copied from a single article or book
Electrostatic Copies:	$1.00 for each 10 pages or fraction copied from a single article or book.

Payment must accompany the order. Cash, library coupons, check, or money order drawn to the National Agricultural Library, USDA, are acceptable. Payment for orders originating outside the United States should be made by international money order or draft on an American bank, or by UNESCO book coupons. Library coupons, valued at $1.00 each, may be purchased in any quantity from the Library's Photocopying Service.

MAIN ENTRY SECTION

GENERAL AGRICULTURE AND RURAL SOCIOLOGY

062135 HD1987.L32
Education & occupation of farm children in Zandgebied area of Drenthe. (Dut) Tjoonk, L *(publ) Landbouw Econ Inst, Afd Streekonderz* 2.43, 32 P. Map. Aug 1972

062136 280.8 AG82
Agricultural policy & advisory service in agriculture. [Austria]. (Ger) Poschacher, G *Agr Rundsch* 3: 1-3. June 1972

062137 280.8 AG82
Reorganization of agricultural social insurance – against or in interest of insured? [Austria]. (Ger) Brandstatter, E *Agr Rundsch* 3: 22-24. June 1972

062138 280.8 AG82
Center of Agricultural Technical Studies: bearer of development. [France]. (Ger) Monte, F de *Agr Rundsch* 3: 3-5. June 1972

062139 22.5 AG862
A study of agricultural extension system in Taiwan: preliminary report of prefectural & township leaders. (Chi) Liu, C Y *Agric Assoc China J* (New Ser.) 80: 119-134. Dec 1972

062140 275.8 AG8
Are supervised occupational experience programs really that important? Peterson, R L *Agric Educ* 45 (11): 245-246. May 1973

062141 275.8 AG8
An AG [agricultural] teacher's view: effectiveness of supervised farming programs. Nowels, J *Agric Educ* 45 (11): 248. May 1973

062142 275.8 AG8
Using para-professionals in vocational education. Carlson, K *Agric Educ* 45 (11): 249. May 1973

062143 275.8 AG8
Are you accountable for your summer program? [Agriculture teachers, education]. Bradley, H R *Agric Educ* 45 (11): 250. May 1973

062144 275.8 AG8
Cooperative agriculture education in a total urban situation – New Orleans. Simmons, J C *Agric Educ* 45 (11): 251, 254. May 1973

062145 275.8 AG8
Carer education: supervised agricultural experience programs. Eicken, A L *Agric Educ* 45 (11): 252-253. May 1973

062146 275.8 AG8
Supervised occupational experience: modern & comprehensive. [Education]. Miller, T R *Agric Educ* 45 (11): 254. May 1973

062147 275.8 AG8
Relationships among factors associated with occupational experience programs. [Education]. Todd, J D *Agric Educ* 45 (11): 255-256. May 1973

062148 275.8 AG8
Related instruction for nonfarm agricultural occupations experience programs. Williams, D L *Agric Educ* 45 (11): 257, 262. May 1973

062149 275.8 AG8
Where do we go fram here? [Education]. Seeman, M *Agric Educ* 45 (11): 258-262. May 1973

062150 275.8 AG8
Teachers respond to educationally disadvantaged. Curtis, S M *Agric Educ* 45 (11): 259-262. May 1973

062151 275.8 AG8
Confidence value of local study. Coltrane, L H *Agric Educ* 45 (11): 261. May 1973

062152 30.98 AG8
Homesteading & homemaking on plains: a review. Hargreaves, M W M *Agric Hist* 46 (2): 156-163. Ref. Apr 1973

062153 49 AR22
Simulation of mathematial models: (Agricultural computer simulation models). (Spa) Javier Rodriguez Alcaide, J *Arch Zootec* 21 (84): 369-378. Ref. 1972

062154 56.9 AR3
Geographic diffusion of crop-indexes in Buenos Aires province & its causes. 2. (Spa) Fina, A L de *Argentina Inst Suelos Agrotec Publ* 132, 30 P. Map. Eng. Sum. 1972

062155 296.8 AR1
Aspects for renewal of villages. (Ger) Gerlach, P *Bauen Lande* 23 (3): 82-83. 1972

062156 281.8 B462
Socialpolitical aid by Agricultural Fund for Aged after latest legislation. (Ger) Steckel, K D *Betriebswirtsch Mitt Wirtschaftsberater* 215: 9-20. Feb 1973

062157 Z673.A82
Geographic list of members of Interamerican Association of Agricultural Librarians & Documentalists, June 30, 1972. (Spa) *Bol Espec AIBDA (asoc Interam Bibl Doc Agric)* 14, 52 P. 1972

062158 Z671.I55
Public relations in libraries & agricultural documentation services. (Spa) MacLean y Estenos, A *Bol Tec AIBDA (asoc Interam Bibl Doc Agric)* 11, 14 P. Ref. 1972

062159 281.9 C1642A
Agricultural Development Advisory Service in Britain. White, B M *Can Dep Agr Agr Abroad* 28 (1): 36-40. Feb 1973

062160 56.8 C162
Recent developments in preparing colored agroclimatic maps by computer. Baier, W *Can J Soil Sci* 53 (1): 133-134. Feb 1973

062161 451 C16
Climatic data for year 1970 of altitude meteorological stations of Geneva region. (Fre) Hainard, P *Candollea* 27 (2): 211-217. Eng. Sum. 1972

062162 280.28 Q2
Present agricultural economic situation in El Salvador. (Chi) Wu, K Y *Co-op Quart* 10 (3): 51-57, 48. Sept 30, 1972

062163 28 C763
24Th General Meeting of European Confederation of Agriculture, Oct. 9-13, 1972 in Berlin (German Federal Republic); proceedings – resolutions. (Fre) *Confed Eur Agr Publ Burgg* 46, 150 P. 1972

062164 80 C83
What makes a farmer. Harvey, H *Country Life (london)* 153 (3957): 1188-1189. Apr 26, 1973

062165 44.8 M736
Agriculture & dairy industry in Israel. (Ger) Kammerlehner, J *Dtsch Milchwirtsch* 24 (9): 294, 296-298. Feb 28, 1973

062166 S19.E8
Support communication in rural development programmes. Childers, E *Explos Hunger* 5 (1): 631-633, 635, 637, 639-640. Oct/Dec 1972

062167 S544.5.B7E9
Persuasion & improvement of extension workers. [agriculture]. (Por) Taranto Fortes, N *Ext Rural* 7 (82): 15-17. Oct 1972

062168 S19.F37
Agriculture in Western Rajasthan. Singh, C R *Farmer Parliament* 7 (12): 17-18, 25. Dec 1972

062169 57.8 F4123
Jawaharlal Nehru Krishi Vishwa Vidyalaya. Tewari, S D N *Fert News* 18 (2): 24-28. Feb 1973

062170 28 F55
Plant introduction & crops evaluation as an instrument for agricultural improvement. (Spa) Leon, J *Fitotec Latinoamer* 8 (2): 3-6. Eng. Sum. 1972

062171 14 F844B
Agricultural documentation; its present, its foreseeable developments. (Fre) Netter, L N *France Min Agr Bull Tech Inform* 276: 71-78. Jan 1973

062172 24 G25
Considerations on agricultural research & extension. (Por) Xabregas, J *Gaz Agr (lourenco Marques)* 24 (278): 204-207. July 1972

062173 278.8 G29
Social fallow & other forms of abandonment of agrarian activities due to emigration & restructurization of population. [Yugoslavia]. (Cro) Vresk, M *Geogr Glas* 33/34: 79-90. Map. Ref. Eng. Sum. 1971/1972

062174 S19.G74
How to mobilise rural youth for green revolution. Mukerji, S K *Green Revolution* P. 119-120, 122. 1972

062175 S19.G74
Uttar pradesh agriculture: a retrospection. Krishan, R *Green Revolution* P. 149-151. 1972

062176 S19.G74
Agricultural extension. [India]. Singh, K N *Green Revolution* P. 44-46, 48-49. 1972

062177 S19.G74
Agricultural research. [India]. Swaminathan, M S *Green Revolution* P. 50-54, 56, 58. 1972

062178 58.8 G92
Radiation analysis in agricultural reseach & in agriculture. (Ger) Kuhn, W *Grundlagen Landtech* 22 (2): 41-42. 1972

062179 58.8 G92
Measurement of local distribution of matter in agriculture. Application of tracer techniques. (Ger) Niemann, E G *Grundlagen Landtech* 22 (3): 85-88. 1972

062180 389.9 IM7
South Africa & wheat cropping. (Jap) Machida, C *Ho Yungu Shokuryo Kyogiakai (grain Importers Assoc J)* 294: 30-38. Mar 1973

062181 HC117.P67P7
Agriculture. Proudfoot, B *In The Prairie Provinces. Edited By P. J. Smith* 22D: 51-64. Map. 1972

062182 SB112.V6
Problems of agriculture in Volga region. (Rus) Keldysh, M V *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 5-9. 1972

062183 SB112.V6
Agrometeorological conditions of Volga region & effectiveness of measures for controlling unfavorable hydrometeorological phenomena. (Rus) Razumova, L A *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 65-81. 1972

062184 16 IT1
Agriculture & environment. (Ita) Giacomini, V *Ital Agr* 109 (11): 1118-1127. Nov 1972

062185 16 IT1
Agriculture & European society. (Ita) Nuccio, O *Ital Agr* 109 (11)D 1111-1117. Nov 1972

062186 100 K13S (1)
State costs of & benefits from education. Sjo, J *Kans Agr Exp Sta Bull* 561, 30 P. Map. Nov 1972

062187 17 L23
Federal Station of Agricultural Research, Lausanne: report of activity 1969 – 1971. (Fre) *Landwirt Jahrbuch Schweiz Lausanne* 86 (3/4): 491-688. Ref. 1972

062188 284.9 M58
Rural community & rural family in 1985. *Mich Agr Exp Sta Res Rep* 193, 17 P. Mar 1973

062189 284.9 M58
Youth – family – community. Imig, D *Mich Agr Exp Sta Res Rep* 193: 14-16. Mar 1973

062190 284.9 M58
Changing patterns in rural Michigan families. Boyd, V *Mich Agr Exp Sta Res Rep* 193: 3-8. Mar 1973

062191 284.9 M58
Eighty-fifth annual report of Agricultural Experiment Station Michigan State University. *Mich Agr Exp Sta Res Rep* 200, 16 P. Feb 1973

062192 18 N39
Agriculture in Scotland. (Ger) Birnbeck, S *Mitt Deut Landwirt-ges* 87 (45): 1149-1150, 1152-1153. Nov 1972

062193 275.29 N811
Planning for tomorrow's communites. Stone, P S *N C Univ Ext Ext Circ* 545, 8 P. Jan 1973

062194 20.5 N86
Role of farming experiments in introduction of accomplishments of science into practice. (Pol) Jezewski, Z *Nowe Roln* 22 (3): 24-25. Feb 1/15 1973

062195 20.5 N86
Improving managerial staff in agriculture. (Pol) Skorodowski, M *Nowe Roln* 22 (5): 25-27. Mar 1/15, 1973

062196 HD9016.T3N8
Recent agriculture in Netherlands. (Chi) Yi, I *Nung Chan Sai Hsiao Shih Ch'ang (foreign Mark Inf Agric Pro D, Taiwan, The Repub China)* 207: 18-20. Feb 5, 1973

062197 100 OH3S (2)
Research & you. [Ohio Agricultural Research & Development Center]. Beattie, J M *Ohio Agr Res Develop Center Res Bull* 1061: 4. 1972

062198 20.5 P84
European Society of Nuclear Methods in Agriculture – its tasks, organization & achievements obtained hitherto. (Pol) Smierzchalska, K *Postepy Nauk Roln* 4: 99-105. 1972

062199 281.9 B87
Integration of Great Britain into European Economic Community: Impressions of trip. [Agriculture] ojomic. (Fre) Andrault, J P *Prod Agr Fr* 49 (124): 11. Feb 2, 1973

062200 6 P9452
Rural poverty in Arizona. Ayer, H *Progr Agr Ariz* 24 (6): 8-10, 14. Nov/Dec 1972

062201 14 P944
Suppression of slums. [Rural housing]. (Fre) Simon, G *Propr Terrienne* 26 (303): 81-84. Mar 1973

062202 14 P944
1972 Balance. [Rural housing, Belgium, Western Europe]. (Fre) Simon, G *Propr Terrienne* 26 (304): 121-126. Apr 1973

062203 278.8 P95
Daniel Faucher (1882 – 1970). [Agricultural geography]. (Pol) Kostrowicki, J *Przegl Geogr* 44 (2): 365-368. 1972

062204 49 P952
Improving work method of communal agricultural service. (Pol) Sawicki, M *Przegl Hodowlany* 40 (12): 1-2. June 16/30, 1972

062205 49 P952
Role os shows & tours in agricultural education. (Pol) Kozlowski, A *Przegl Hodowlany* 41 (15/16): 1-2. Aug 1/31 1972

062206 49 P952
How should popularize progress in agricultural production? (Pol) Sawicki, M *Przegl Hodowlany* 41 (17): 1-2. Sept 1/15, 1972

062207 49 P952
Knowledge of social & professional rural environment as basis for working with farmers. [Extension work]. (Pol) Nowacki, H *Przegl Hodowlany* 41 (18): 1-2. Sept 16/30, 1972

062208 13 R322
Rural sociology & agricultural policy. [Belgium]. (Fre) Goeseels, P *Rev Agr (brussels)* 25 (11/12): 1705-1726. Nov/-Dec 1972

062209 24 R323
Positive repercussions in animal husbandray development in zone of Cabora Bassa in Tete district. (Por) Silveira E Lorena, E *Rev Agr (mocambique)* 15 (151): 15-17. Map. Oct 1972

062210 173.2 SO1FL
Mobility Facilitator Units for migrants. Jones, D L *Rural Manpower Dev* P. 21-27. Mar 1973

062211 100 SO82S
An attitudinal study of vocational & residential changes. [Farmers, migration]. Gilbert, H A *S Dak Farm Home Res* 24 (1): 9-10. Spring 1973

062212 S19.A42
An economic survey of three villages in Zaria Province. 2. Input-out study Vol. II. Basic data & survey forms. Norman, D W *Samaru Misc Pap Inst Agric Res Ahmadu Bello Univ* 38, Various Pagings 1972

062213 100 P381S
Auto-tutorial teaching useful in horticulture. Brewer, J E *Sci Agr* 20 (3): 12. Spring 1973

062214 475 SCI237
State of science development in Philippines. Medina, F A *Sci Rev* 13 (3): 8-23. May/June 1972

062215 280.8 J823
Migration, poverty, & rural South. Bacon, L *Soc Forces* 51 (3): 348-355. Mar 1973

062216 280.8 J823
Old culture – new culture: A study of migrants in Ankara, Turkey. Levine, N *Soc Forces* 51 (3): 355-368. Ref. Mar 1973

062217 281.29 SO12
Effects of socio-economic changes in a Spanish pueblo on community cohesion. Redclift, M *Sociol Ruralis* 13 (1): 1-12. Ref. 1973

062218 281.29 SO12
Farmers & occupational change. Weerdenburg, L J M *Sociol Ruralis* 13 (1): 27-38. Ref. 1973

062219 281.29 SO12
Structural policies & social change. [Rural population]. (Ger) Heidtmann, W *Sociol Ruralis* 13 (1): 69-87. Eng. Sum. 1973

062220 HD1761.A1M5
Emptying of countryside & its cost. [Rural population migration]. Maki, W R *Staff Pap Ser Dep Agric Appl Econ Univ Minn Inst Agric* P72-21, 28 P. Ref. June 1972

062221 HD1761.A1M5
Aspects of cooperative movement in north Africa. [Agriculture]. Brown, D G *Staff Pap Ser Dep Agric Appl Econ Univ Minn Inst Agric* P72-26. 19 P. Ref. Oct 1972

062222 464.8 SP2
New developments in nuclear agriculture. Zeeuw, D de *SPan (shell Publ Health Agr News)* 15 (3): 120-122. 1972

062223 41.8 T445
Biology & agriculture. (Ger) Matile, P *Tierarztl Umsch* 28 (3): 102-104, 106-108. Mar 1, 1973

062224 1 AG84ST
Poverty dimensions of rural-to-urban migration: a statistical report. Population-migration reports, rural-urban migrants. I. 1. Bowles, G K *U S D A Statist Bull* 511, 335 P. Ref. Mar 1973

062225 449.9 W892B
Guineaworm infection in Wa district of north-western Ghana. [Dracunculus medinensis, Rural health]. Lyons, G R L *World Health Organ Bull* 47 (5): 601-610. 1972

062226 281.8 Z14
Employment in individual farming. (Pol) Szemberg, A *Zagadnienia Ekon Rolnej* 1: 49-60. Eng. Sum. 1972

062227 49.9 C33
Twenty years of Socialist agricultural science. (Cze) Dvoracek, M *Zivocisna Vyroba* 17 (9): 645-650. Eng. Sum. Sept 1972

GENERAL AGRICULTURAL ECONOMICS AND LAND ECONOMICS

062228 280.8 AG82
Agriculture & forestry – tourism. (Ger) Nussbaumer, A *Agr Rundsch* 6: 16-19. Dec 1972

062229 281.8 AG826
Simulation: applications in agricultural economics. (Ger) Grosskopf, W *Agrarwirtschaft* 22 (1): 1-7. Ref. Eng. Sum. Jan 1973

062230 S19.A32
Cooperative – principal instruments of economic development. [India]. Wali, M M K *Agric Agro-ind J* 6 (2): 3-4. Feb 1973

062231 30.98 AG8
Agricultural change & American revolution: a Virginia case study. Mitchell, R D *Agric Hist* 46 (2): 119-132. Ref. Apr 1973

062232 30.98 AG8
Tenant right: farmer against landlord in Victorian England, 1847 – 1883. McQuiston, J R *Agric Hist* 46 (2): 95-113. Ref. Apr 1973

062233 256.13 AG82M
How much can you afford to pay for barley ground? [Land prices]. McClenaghan, R J *Agric North Irel* 47 (10): 351-353. Feb 1973

062234 49 C43
Land utilization for animal husbandry. 2. (Jap) Shibuya, S *Anim Husb (tokyo)* 27 (3): 13-18. Ref. Mar 1973

062235 473 AN75
A new utilisation of rural areas in Italy: Agritourism. (Fre) Desplanques, H *Ann Geogr* 85 (450): 151-164. Eng. Sum. Mar-/Apr 1973

062236 296.8 AR1
Structural land changes in agricultural problem areas. (Ger) Schafer, K *Bauen Lande* 23 (7): 206-212. Map. July 1972

062237 79.9 B77
Effect of entry into EEC [European Economic Community] on agricultural cropping systems & products. [Great Britain]. Davey, B H *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 1012-1021. 1972

062238 79.9 B77
Effects of UK [United Kingdom] accession to th EEC [European Economic Community] on structure & cropping systms of British Horticulture. Gardner, R *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 1022-1027. 1972

062239 14 P215BC
Does land consolidation have effect of diminishing dairy production. (Fre) Deniel, M J *C R Seances Acad Agric Fr* 14: 1111-1136. 1972

062240 281.9 C1642A
Iran. [Agricultural economics]. St. Pierre, C J *Can Dep Agr Agr Abroad* 28 (1): 13-15. Feb 1973

062241 281.9 C1642A
Norway. [Agricultural economics]. Barton, B G R *Can Dep Agr Agr Abroad* 28 (1): 16-17. Feb 1973

062242 281.9 C1642A
Agricultural adjustment problems in Israel. Gvati, C *Can Dep Agr Agr Abroad* 28 (1): 46-52. Feb 1973

062243 281.9 C1642A
Czechoslovakia. [Agricultural productivity]. Baker, D S *Can Dep Agr Agr Abroad* 28 (1): 6-7. Feb 1973

062244 281.9 C1642A
Guyana. [Agricultural economics]. Kasim, A A *Can Dep Agr Agr Abroad* 28 (1): 8-13. Feb 1973

062245 281.8 SO73
On forecasting transformation of agricultural lands. [Land utilization]. (Rus) Cheremushkin, S *Ekon Sel Khoz* 5: 89-93. May 1972

062246 S19.G74
Land reforms in independent India: a survey. Sankhya, *Green Revolution* P. 113-118. 1972

062247 17 SCH9
Should principles for transfer of farmsteads be modified? (Ger) Achermann, X *Grune* 101 (18): 641-651. May 4, 1973

062248 QH76.F6
Microscale photo interpretation of forest & nonforest land classes. Aldrich, R C *In Annual Earth Resources Program Review* 4Th Review, V. 5 (121), 24 P. Map. 1972

062249 S469.R92E39
Effect of quality of land on level of development of agricultural production on collective farms. (Rus) Potapovich, Z Z *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 102-107. 1972

062250 S469.R92E39
Land quality & providing of capital. (Rus) Goriachko, N I *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 107-115. 1972

062251 S469.R92E39
Comparative evaluation of economic solutions. [Agricultural economics]. (Rus) Lych, G M *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 3-16. 1972

062252 S469.R92E39
On sizes of state farms & their productive subdivisions in Polesye. [Belorussia]. (Rus) Sviatogor, A P *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 96-102. 1972

062253 HD2065.6.A8
Agrarian structure & its effect on production. (Ger) Hahn, H *In Steigerung der Landwirtschaftlichen Produktion und ihr E Weiterverarbeitung in Afghanistan* 6: 91-102. 1972

062254 HD2065.6.A8
Industralization based on agricultural production. (Ger) Nagler, H *In Steigerung der Landwirtschaftlichen Produktion und ihr E Weiterverarbeitung in Afghanistan* 6: 121-131. 1972

062255 HD1945.A1I5
Tourism on farm: enchanted village. (Fre) Griperary, G *Inform Agr (paris)* 434: 43-44. Mar 1973

062256 HC10.J6
Acquisition of agricultural technology: its determinants & effects. Bell, C *J Develop Stud* 9 (1): 123-159. Oct 1972

062257 HC10.J6
Farm & factory: a comparison of skill requirements for transfer of technology. Kilby, P *J Develop Stud* 9 (1): 63-69. Ref. Oct 1972

062258 60.18 J82
Recreation potential of Texas rangelands. Berger, M E *J Range Manage* 26 (2): 92-93. Mar 1973

062259 HD101.L33
An analysis of agrarian reform process in Venezuela. Pluijm, T van der *Land Reform Land Settlement Coop* 2: 1-21. 1972

062260 HD101.L33
Agrarian reform in Latin America. Sandoval, R *Land Reform Land Settlement Coop* 2: 22-32. 1972

062261 HD101.L33
Asian agrarian reform. Lin, S *Land Reform Land Settlement Coop* 2: 33-51. 1972

062262 HD101.L33
Evolution in social & economic conditions of pastorals in Central & West Africa. Sabry, O A *Land Reform Land Settlement Coop* 2: 52-60. 1972

062263 HD101.L33
Land reform in Iran & its role in rural development. Khatibi, N *Land Reform Land Settlement Coop* 2: 61-68. 1972

062264 HD101.L33
Reflections on land reform in Ghana. Ofori, I M *Land Reform Land Settlement Coop* 2: 69-74. 1972

062265 56.9 R44
Optimization of the distribution of crop areas using computers. (Rus) Sprogis, A *Latv Nauch-issled Inst Zeml Poch Urozhai* 20: 127-140. Eng. Sum. 1972

062266 56.9 R44
Concentration of vegetable-growing areas as a factor of intensive land utilization. [Latvia]. (Rus) Vigants, G *Latv Nauch-issled Inst Zeml Poch Urozhai* 20: 141-151. Eng. Sum. 1972

062267 56.9 R44
Use of soil evaluation data related to effectiveness of crop cultivation for optimum planning of crop distribution. (Rus) Boruks, A *Latv Nauch-issled Inst Zeml Poch Urozhai* 20: 25-32. Eng. Sum. 1972

062268 100 M36M
Assessment-sales ratio studies. [Property taxation]. Shee, S *Md Agr Exp Sta Misc Publ* 8158 14 P. Feb 1973

062269 20 M57
Role of cooperatives in development of agriculture in German Democratic Republic. (Rus) Virzig, G *Mezhdunar Sel'skokhoz Zh* 2: 27-30. 1973

062270 20 M57
Decision making in cases of instable evaluations of target function variables. [Agricultural economics, linear programming]. (Rus) Nikolov, N *Mezhdunar Sel'skokhoz Zh* 2: 35-40. 1973

062271 18 N39
Agrarian policy for marginal lands. (Ger) Eisenmann, H *Mitt Deut Landwirtges* 88 (5): 117-118. Feb 1, 1973

062272 275.29 N811
Land-use planning: a tool in guiding community growth. Crosswhite, W M *N C Univ Ext Ext Circ* 546, 8 P. Jan 1973

062273 275.29 N811
Legal aspects of land-use planning & control. Green, P P *N C Univ Ext Ext Circ* 547, 8 P. Jan 1973

062274 HD1.N4
Growth linkages of new foodgrain technologies. [India, economic development]. Mellor, J W *N Y State Coll Agric Dep Agric Econ Occas Pap* 50, 28 P. Mar 1972

062275 45.8 N21N
Farmland: are we running out? *Nat Wool Grower* 63 (4): 20-21, 27-28. Apr 1973

062276 331.8 N56
Landform examples form Nigeria. 5. Ologe, K O *Nigerian Geogr J* 15 (1): 83-86. June 1972

062277 281.8 N75
Necessity for a new way of recruiting for agriculture in general. [Occupations]. (Dan) Borsting, J *Nord Lantbruksekon Tidskr* 22 (4): 124-126. 1972

062278 20.5 N86
Optimization of size & pattern of forage crops area in dairy farming. (Pol) Koscinski, F *Nowe Roln* 22 (3): 6-7. Feb 1/15 1973

062279 20.5 N86
Farmland has changed its value. (Pol) Laurentowski, H *Nowe Roln* 22 (4): 19-21. Feb 16/28, 1973

062280 100 OH3S (2)
Proper use of our land. *Ohio Agr Res Develop Center Res Bull* 1061: 17. 1972

062281 57.8 OR32
Living on land in China today. Rodale, R *Org Gard Farming* 20 (5): 36-43. May 1973

062282 SB482.A1U56
Rights-of-way for recreation. [Land]. *Outdoor Recreation Action Rep* 25: 1-14. Oct/Nov 1972

062283 SB482.A1U56
Place of recreation in land use planning. Underhill, A H *Outdoor Recreation Action Rep* 27: 1-6. Spring 1973

062284 SB482.A1U56
Land use & environmental quality – crisis & opportunigy. Marston, L *Outdoor Recreation Action Rep* 27: 12-32. Spring 1973

062285 SB482.A1U56
New approaches in land use planning for recreation. Brand, P *Outdoor Recreation Action Rep* 27: 7-12. Spring 1973

062286 275.249 F26
Canada's land transfer plan. Olson, H A *OECD Agric Rev* 19 (4): 93-97. 1972

062287 275.249 F26
Agricultural problems of least developed countries. *OECD Agric Rev* 19 (4): 97-103. Map. 1972

062288 99.76 P112LA
Proper land use. Jones, L N *Pacific Logging Congr Loggers Handbook* 32: 21. 1927

062289 HT391.R4
Land-use theory & spatial structure of nineteenth-century city. Fales, R L *Pap Reg Sci Assoc* 28: 49-80. Ref. Nov 1972

062290 14 P944
Tourism in rural areas: Something new? (Fre) Wagner, P *Propr Terrienne* 26 (303): 102-103. Mar 1973

062291 14 P944
Land consolidation in Westhoek: A new achievement in West Flanders. (Fre) Caestecker, K de *Propr Terrienne* 26 (304): 140-143, 145. Map. Apr 1973

062292 278.8 P95
Trends in utilization of agricultural land: a comparative case study of Poland Czechoslovakia & Hungary. (Pol) Biegajlo, W *Przegl Geogr* 44 (3): 539-547. 1972

062293 282.9 SCH7
Use of automation in reallocation of land: development, present state & future possibilites. (Ger) Lang, E *Schriftenreihe Flurbereinigung* 60, 79 P. Ref. 1972

062294 281.9 SCO3S
Changes in land use on farms which grew sugar beet. Dickson, D R *Scot Dep Agr Fish Scot Agr Econ* 23: 217-221. 1973

062295 281.9 SCO3S
Sales of farm land. [Great Britian]. *Scot Dep Agr Fish Scot Agr Econ* 23: 231-233. 1973

062296 S19.T3
Land management & development in New Zealand. (Chi) Hsi, L T *Taiwan Agr Quart* 8 (4): 20-38. Dec 1972

062297 S19.T3
Changes of agricultural land utilization in Taiwan, 1953 – 1968. (Chi) Hu, H Y *Taiwan Agr Quart* 8 (4): 52-80. Eng. Sum. Dec 1972

062298 26 T756
Land Resources Divison of Overseas Development Administration. [Nigeria, British Honduras]. Baulkwill, W J *Trop Sci* 14 (4): 305-322. Maps. 1972

062299 100 UT1F
Land-use zoning a necessity? Yes! Panacea? no. Gardner, B D *Utah Sci* 33 (4): 127-129. Dec 1972

062300 100 W27E
Land market & economic development; a case study of San Juan County, Washington. Cocheba, D J *Wash Agr Exp Sta Bull* 773, 18 P. Ref. Apr 1973

062301 281.8 Z32
Concept of 'subsistence'. [Agriculture]. Albrecht, H *Z Auslandische Landwirt* 11 (3/4): 274-288. Ref. July/Dec 1972

AGRICULTURAL ADMINISTRATION AND MANAGEMENT

062302 S544.3.W6W53
Planning for dairy farm expansion. Willett, G S *A Coop Ext Programs Univ Wis* A2449, 17 P. Ref. Dec 1972

062303 11 AC82
Role of planning & management on family farms. III. Permanence of effect of farm planning activity & individua l advisory services. Westermarck, N *Acta Agr Scand* 23 (1): 55-59. 1973

062304 280.8 AG82
Management education also for agriculture? [Austria]. (Ger) Kundiger, K *Agr Rundsch* 3: 13-15. June 1972

062305 280.8 AG82
Producers association in Bavaria. [Cooperatives]. (Ger) Dormeier, G *Agr Rundsch* 4: 27-29. Aug 1972

062306 281.8 AG826
Determining optimum economic life of livestock. (Ger) Zeddies, J *Agrarwirtschaft* 22 (1): 7-16. Ref. Eng. Sum. Jan 1973

062307 S19.A32
Resource use & its productivity in agriculture. [Rice, wheat, India]. Pandey, H K *Agric Agro-ind J* 6 (2): 12-14. Feb 1973

062308 S19.A32
Standardization of agricultural inputs. [India]. Bains, S S *Agric Agro-ind J* 6 (2): 27-33. Feb 1973

062309 30.98 AG8
Ostrich farming American style. Doughty, R *Agric Hist* 46 (2): 133-145. Ref. Apr 1973

062310 14 AG823
First world agro-food firms. (Fre) Rastoin, J L *Agric Rev Men Tech Econ* 363: 73-78. Mar 1973

062311 49 AL57
Experiences connected with design & production of specialized industrial units of pig keeping systems. (Hun) Tibenszky, O *Allattenyesztes* 22 (1): 11-20. 1973

062312 99.8 AL53
Basis for establishing cost accounting in agricultural enterprise. (Ger) Bochsbichler, K *Allg Forstzeitung* 83 (5): 108-109. May 1972

062313 49 C43
Goals of increasing diary farmers' earnings by improvement of management. 1. (Jap) Takehara, S *Anim Husb (tokyo)* 27 (4): 31-34. Apr 1973

062314 18 N11
Farming cooperatives in Spain. (Ger) Flad, M *Ausbildung Beratung LandHauswirtsch* 25 (10): 174-176. 1972

062315 18 N11
Priorities in advisory service for farm management. (Ger) Jungehulsing, H *Ausbildung Beratung LandHauswirtsch* 25 (11): 183-185. Nov 1972

062316 S11.B43
Accounting/administrative consultant. (Dut) Boutkan, P J *Bedrijfsontwikkeling* 4 (2): 125. Feb 1973

062317 S11.B43
Perspectives & problems in large dairy industry. (Dut) Boer, P B de *Bedrijfsontwikkeling* 4 (2): 127-136. Feb 1973

062318 281.8 B462
Accounting model – poultry fattening. (Ger) Weiss, D *Betriebswirtsch Mitt Wirtschaftsberater* 215: 21-25. Feb 1973

062319 HD1940.C95A1
Study on the function of organizational structures of unified agricultural cooperatives in the South Moravian Region. 2. (Cze) Novak, K *Brno Vysoka Sk Zemedel Sb Rada D Spisy Fak Provozne Ekon* 8 (2): 137-150. 1972

062320 HD1940.C95A1
Economical & organizational aspects of depreciation problem in dairy cow breeding. (Cze) Vlcek, K *Brno Vysoka Sk Zemedel Sb Rada D Spisy Fak Provozne Ekon* 8 (2): 213-221. Eng. Sum. 1972

062321 HD1940.C95A1
A contribution to system approach to organisation of working porcesses in agriculture. (Cze) Navratil, M *Brno Vysoka Sk Zemedel Sb Rada D Spisy Fak Provozne Ekon* 9 (1): 63-71. Ref. Eng. Sum. 1972

062322 80 C125
If farmers had to use accrual accounting. Harrison, V L *Calif Citrogr* 58 (6): 219, 221-222. Apr 1973

062323 281.9 C332
Evaluation of personality development of leading worker on state farm Brno. (Cze) Valenta, A *Cesk Akad Zemed Ustav Vedeckotech Inform Zemed Ekon* 18 (12) 823-831. Eng. Sum. Dec 1972

062324 281.9 C332
Use of mathematical methods in solution of problems of cooperation in agriculture. (Cze) Kundrat, J *Cesk Akad Zemed Ustav Vedeckotech Inform Zemed Ekon* 18 (12): 797-821. Map. Eng. Sum. Dec 1972

062325 385 T57C
Systematic agriculture. (Jap) Azegami, T *Chem & Chem Ind (tokyo)* 26 (3): 167-170. Mar 1973

062326 280.28 Q2
A study on promotion of mechanized farming by Taiwan Sugar Corporation. (Chi) Huang, C T *Co-op Quart* 10 (3): 17-32. Sept 30, 1972

062327 280.28 Q2
Recent activities of agricultural cooperatives in Taiwan. (Chi) Shu, C J *Co-op Quart* 10 (3): 6-15. Sept 30, 1972

062328 HD9437.D4D3
Value of economics in bookkeeping. [Poultry products]. (Dan) Selsing, P *Dan Erhvervsfjerkrae* 2 (4): 82-83. Feb 15, 1973

062329 A280.29 F22FC
Managing farmer cooperatives. Gardner, K B *Educ Circ Farmer Coop Serv U S Dep Agric* 17 Rev., 15 P. Ref. Nov 1972

062330 A280.29 F22FC
How to start a cooperative. Rust, I W *Educ Circ Farmer Coop Serv U S Dep Agric* 18, Rev., 18 P. Jan 1973

062331 281.8 SO73
Strengthening feed base. (Rus) Lobanov, P *Ekon Sel Khoz* 2: 17-23. Feb 1973

062332 281.8 SO73
Planning, central link in production control. [Agriculture]. (Rus) Sokolov, T *Ekon Sel Khoz* 2: 24-34. Ref. Feb 1973

062333 281.8 SO73
Planning yield capacities with consideration of fulfillment of field operations. [Field crops]. (Rus) Anichin, L *Ekon Sel Khoz* 2: 40-47. Feb 1973

062334 281.8 SO73
Increasing specialization in suburban areas. [Agriculture]. (Rus) Tarasov, I *Ekon Sel Khoz* 2: 47-52. Feb 1973

062335 281.8 SO73
Optimum combinations of branches. [Diversified farming]. (Rus) Panfilov, V *Ekon Sel Khoz* 2: 52-56. Feb 1973

062336 281.8 SO73
Computing amount of labor for farm production. [Potatoes]. (Rus) Stankov, P *Ekon Sel Khoz* 2: 57-62. Feb 1973

062337 281.8 SO73
Working day of administrators & specialists. [Farm management]. (Rus) Stepaniuk, N *Ekon Sel Khoz* 2: 62-66. Feb 1973

062338 281.8 SO73
Correct use of cultivated pastures. (Rus) Kuznetsov, G *Ekon Sel Khoz* 2: 79-87. Feb 1973

062339 49 B462
Is your rabbit rearing profitable? (Fre) Cousin, J F *Elevage* 16: 123, 125, 127. Mar 1973

062340 49 B462
In European aviculture, production under contract is developing. (Fre) Fermou, J *Elevage* 16: 129, 131, 133. Mar 1973

062341 281.8 F2242
Farming cooperatives – a utopian myth. Hall, J R L *Farm Policy* 12 (3): 102-106. Dec 1972

062342 281.8 F2242
A case study of property integration. [Production cooperatives]. O'Sullivan, D M *Farm Policy* 12 (3): 83-92. Dec 1972

062343 281.8 F2242
Machinery syndication. [Australia]. Marsh, R N *Farm Policy* 12 (3): 93-98. Dec 1972

062344 24 SO842
Break-even technique as an aid in cotton enterprise. [Management]. Potgieter, J J *Farming S Afr* 48 (11): 19-24, 28. Feb 1973

062345 18 W763
Large-scale inter-farm cooperation & socialist management to intensify grassland farming. (Ger) Fickert, M *Feldwirtschaft* 13 (11): 498-499. Nov 1972

062346 18 W763
Industrial dry matter production in cooperative crop farming section 'Elbaue'. (Ger) Fischer, G *Feldwirtschaft* 13 (11): 512-513. Nov 1972

062347 18 W763
Stepwise transition to industrialised methods in field vegetable production under conditions of socialist intensification. (Ger) Vogel, G *Feldwirtschaft* 13 (12): 540-543. 1972

062348 18 W763
Concentration & specialization in vegetable production & introduction of specialised production units. (Ger) Stannek, G *Feldwirtschaft* 13 (12): 543-545. 1972

062349 18 W763
Concepts & problems of site-oriented outdoor vegetable production under industrialized patterns. (Ger) Engel, E *Feldwirtschaft* 13 (12): 545-546. 1972

062350 18 W763
Experiences regarding organization & work with field index in Cooperative Department of Plant Production Mucheln. (Ger) Kuhn, G *Feldwirtschaft* 14 (3): 112-114. Mar 1973

062351 11 F772
Labor requirements for strawberry production. (Nor) Krakevik, S *Forsk Forsok Landbruket* 24 (1): 33-54. Eng. Sum. 1973

062352 80 G1948
Cooperation between processing industry & socialist farms in Lommatzsch fruit-growing area. (Ger) Schanze, K *Gartenbau* 19 (11): 250-251. Nov 1972

062353 80 G1948
Organizing decentralized preparation of Brussels sprouts. (Ger) Lottmann, P *Gartenbau* 19 (11): 252. Nov 1972

062354 80 G1948
Preliminary results of study on working conditions in glasshouses & under plastic foil. (Ger) Kruger, W *Gartenbau* 19 (7): 149-152. July 1972

062355 80 G1948
Fruit demand & resulting conclusions for development of cropping pattern of fruit species. (Ger) Winkler, W *Gartenbau* 19 (7): 157-158. July 1972

062356 80 G1948
Intensification of strawberry production in Havel fruit growing area. (Ger) Porsch, S *Gartenbau* 19 (7): 159-160. July 1972

062357 281.8 G25
Major characteristics of cattle-breeding farms. (Hun) Zsinka, J *Gazdalkodas* 17 (3): 1-11. Eng. Sum. 1973

062358 18 G312V
Ensuring economy through cooperation. (Ger) Grahlmann, B *Ger (fed Repub) LandHauswirtsch Auswertungs Informations Dienst (veroff)* 361, 32 P. Ref. 1973

062359 S19.G74
Collective mechanised farming in U.S.S.R. Zaitsev, L *Green Revolution* P. 165-166. 1972

062360 389.9 IM7
Comments on 'U.S farmer's planting intentions'. (Jap) Shiraiwa, H *Ho Yungu Shokuryo Kyogiakai (grain Importers Assoc J)* 294: 23-29. Mar 1973

062361 HD2042.A1I4
Modelling & perfecting organization of labor on animal farms by using network planning methods. (Bul) Tsvetanov, TS *Ikon Sel Stop* 9 (2): 25-37. 1972

062362 HD2042.A1I4
Outline of optimum districts for supplying raw materials for feed processing plants. (Bul) Alipiev, A *Ikon Sel Stop* 9 (2): 39-52. 1972

062363 HD2042.A1I4
Application of network planning for organization & administration of scientific research activity in agriculture. (Bul) Khristovich, L *Ikon Sel Stop* 9 (8): 17-31 ref. 1972

062364 HD2042.A1I4
On certain methodological problems on classification of labor in agriculture. (Bul) Peev, M *Ikon Sel Stop* 9 (8): 73-81. 1972

062365 S469.R92E39
Intesification of feed production – basis for developing livestock raising. (Rus) Domashevich, IU M *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 115-120. 1972

062366 S469.R92E39
Effectiveness of enlarged specialization on state farms in production of beef. (Rus) Tikhonovskii, N S *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 123-132. 1972

062367 S469.R92E39
Growth of material-technical base & change in structure of productive capital on collective farms. (Rus) Grigor'ev, N V *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 144-151. 1972

062368 S469.R92E39
An important factor in increasing efficiency of farming on drained lands. (Rus) Nesterenko, E K *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 164-171. 1972

062369 S469.R92E39
Additional sources for improving economics of state farms. (Rus) Selitskii, N M *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 176-181. 1972

062370 S469.R92E39
Problems on methodology of determining optimum capacity of specialized repair enterprises. (Rus) Kavalerchik, K M *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 202-214. 1972

062371 S469.R92E39
Efficient ratio between productivity & wages on collective farms. (Rus) Bugarevich, V S *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 21-28. 1972

062372 S469.R92E39
On reserves for growth of labor productivity on collective farms. (Rus) Gaidukov, E M *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 28-33. 1972

062373 S469.R92E39
Means of increasing labor productivity in potato culture. (Rus) Kozlovskaia, L K *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 34-40. 1972

062374 S469.R92E39
Utilization of labor resources on collective farms. (Rus) Romanenko, G N *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 40-43. 1972

062375 S469.R92E39
On production of a qualified work force in agriculture. (Rus) Ivanova, E I *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 44-49. 1972

062376 S469.R92E39
On problem of training a qualified work force for agriculture. (Rus) Arod', E S *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 49-54. 1972

062377 S469.R92E39
Organizational structure of enterprise & its improvement. [collective farms]. (Rus) Tarasevich, V F *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 54-63. 1972

062378 S469.R92E39
Ways of improving management system of agricultural enterprises. (Rus) Solovei, P T *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 71-77. 1972

062379 S469.R92E39
Organizational forms of ties between farming & processing enterprises. (Rus) Umetskii, B I *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 77-86. 1972

062380 S469.R92E39
Optimizing combinations of branches of farming enterprises. (Rus) Nikitenko, P P *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 86-96. 1972

062381 SB112.V6
Production types of specialized grain & cattle-raising frams on irrigated lands of middle & lower Volga. (Rus) Il'ichev, A K *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 401-405. 1972

062382 SB112.V6
Efficient organization of labor in irrigated farming in Volga region. (Rus) Kruglikov, A A *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 410-414. 1972

062383 SB112.V6
System of farming in arid regions of Volga. (Rus) Popugaev, M M *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 47-51. 1972

062384 S279.B225
Farm management review. Kahlon, A S *Indian Counc Agric Res ICar Tech Bull (Agric)* 39, 60 P. Ref. 1972

062385 HD1945.A1I5
Syndicalism & development of relations of authority. [Agriculture]. (Fre) Haberkorn, J P *Inform Agr (paris)* 434: 39-41. Mar 1973

062386 280.28 AR22
Cooperatives after agrarian reformin Iran. (Fre) Vieille, P *Int Arch Sociol Coop* 32: 45-60. July/Dec 1972

062387 20 M57AG
Formation of cooperative associations in agriculture & in food industry of German Democratic Republic & some results & conclusions of their activity. (Ger) Godau, E *Int Z Landwirt* 1: 23-27. 1973

062388 20 M57AG
Industrial methods of milk production. (Ger) Kudlicka, K *Int Z Landwirt* 1: 69-74. 1973

062389 20 M57AG
Conception & organization in cattle fattening. (Ger) Klocek, F *Int Z Landwirt* 5: 562-565. 1972

062390 385 K524
Information-computer system of agrochemical service of Altvia. (Rus) Vevers, E V *Khim Sel'skom Khoz* 11 (1): 60-64. 1973

062391 389.78 K85
Possibilities & limits of production technique of economic cattle rearing. (Ger) Schwittek, W *Kraftfutter* (12): 689. Eng. Sum. Dec 1972

062392 18 L2355
What is included in farm management. (Ger) Franz, G *Landarbeit* 24 (3): 17-21. Mar 1973

062393 SB13.L5
Proceedings of a seminar on labour management, August 1972. *Lincoln Coll Christchurch N Z Dep Hortic Bull* 13, 114 P. 1972

062394 43.8 B392
While poticians debate – farmers are getting on with co-operation. *Livest Farming* 10 (2): 4-5, 7. Feb 1973

062395 44.9 M382
Successful dairy farming in 1970's. [New Zealand. Frampton, A R *Massey Univ Dairyfarming Annu* P. 1-7. Oct 1972

062396 44.9 M382
A consultant's advice on change. Graham, J V *Massey Univ Dairyfarming Annu* P. 23-29. Oct 1972

062397 S13.M4
Determination of labor force requirements, service standards & number of workers in pig production. (Cze) Stojar, B *Metod Zavadeni Vysledku Vyzk Praxe* 21, 35 P. 1972

062398 20 M57
Problems in developing a single methodology for correlating indices of labor productivity in agriculture of member countries of Council for Mutual Economic Assistance. (Rus) Mashenkov, V *Mezhdunar Sel'skokhoz Zh* 2: 16-22. 1973

062399 20 M57
Forms of relationships between large-scale state-owned farm enterprises & small subsidiary privately-worked farms. [Hungary]. (Rus) Roman', P *Mezhdunar Sel'skokhoz Zh* 2: 23-27. 1973

062400 20 M57
Automated data processing in cost accounting system of administration of farm enterprises. [Czechoslovakia]. (Rus) Novotnyi, K *Mezhdunar Sel'skokhoz Zh* 2: 31-34. 1973

062401 18 N39
Cow stall: bank of farmer. [Farm management]. (Ger) Nowotny, P *Mitt Deut Landwirt-ges* 88 (5): 116-117. Feb 1, 1973

062402 275.29 N811
Probable location of flue-cured production under modified lease-and-transfer programs. [Tobacco]. Hoover, D M *N C Univ Ext Ext Circ* 557, 15 P. Feb 1973

062403 281.9 C81AE
1972 Farm business summary, Cortland County. [Management]. Smith, R S *N Y State Coll Agric Life Sci Dep Agric Econ A E Ext* 73-1A, 11 P. Jan 1973

062404 281.9 C81AE
Oneida – Mohawk region; farm business summary, 1972. Loomis, C W *N Y State Coll Agric Life Sci Dep Agric Econ A E Ext* 73-10, 27 P. Apr 1973

062405 281.9 C81AE
Columbia & Dutchess Counties; dairy farm business summary, 1972. Rogers, D R *N Y State Coll Agric Life Sci Dep Agric Econ A E Ext* 73-11, 10 P. Apr 1973

062406 281.9 C81AE
Lewis County dairy farm business summary, 1972. [Management]. Bratton, C A *N Y State Coll Agric Life Sci Dep Agric Econ A E Ext* 73-3, 27 P. Mar 1973

062407 281.9 C81AE
Eastern Plateau Region farm business summary, 1972. [Management]. Conneman, G J *N Y State Coll Agric Life Sci Dep Agric Econ A E Ext* 73-4, 26 P. Mar 1973

062408 281.9 C81AE
Western Plateau Region dairy farm business summary, 1972. [Management]. Casler, G L *N Y State Coll Agric Life Sci Dep Agric Econ A E Ext* 73-5, 28 P. Mar 1973

062409 281.9 C81AE
Northern Hudson Region dairy farm business summary, 1972. [Management]. Smith, S F *N Y State Coll Agric Life Sci Dep Agric Econ A E Ext* 73-6, 26 P. Mar 1973

062410 281.9 C81AE
Dairy farm business summary, 1972: Northern New York Clinton, Essex, Franklin, St. Lawrence, Jefferson. [Management]. Bratton, C A *N Y State Coll Agric Life Sci Dep Agric Econ A E Ext* 73-7, 27 P. Mar 1973

062411 281.9 C81AE
Western Plains Region dairy farm business summary, 1972. LaDue, E L *N Y State Coll Agric Life Sci Dep Agric Econ A E Ext* 73-8, 26 P. Mar 1973

062412 281.9 C81AE
Central Plain Region dairy farm business summary 1972. [Management]. Smith, S F *N Y State Coll Agric Life Sci Dep Agric Econ A E Ext* 73-9, 26 P. Mar 1973

062413 290.8 N68
Role of agricultural engineering in agricultural reform in Japan. (Jap) Nakazawa, K *Nogyodoboku-kenkyu* 41 (3): 2-4. Mar 1973

062414 20.5 N86
Results of two-years work on a pilot farm. (Pol) Zukowski, F *Nowe Roln* 21 (20): 17-19. Oct 16/31, 1972

062415 20.5 N86
Methods for determination of pasture yield performance. (Pol) Ziolecka, A *Nowe Roln* 22 (3): 9-11. Feb 1/15 1973

062416 20.5 N86
Directions for improving economic activity of farmers circles. (Pol) Podgorny, E *Nowe Roln* 22 (4): 1-3. Feb 16/28, 1973

062417 20.5 N86
Organization of harvesting winter aftercrops. Seedbed preparation, & sowing succeeding crops on large farms. (Pol) Mieloch, E *Nowe Roln* 22 (4): 12-15. Feb 16/28, 1973

062418 20.5 N86
Measures of farm productivity & specialization. (Pol) Jerzak, M *Nowe Roln* 22 (4): 17-19. Feb 16/28, 1973

062419 20.5 N86
Organization of agricultural production on state farm at Kolacin. (Pol) Kotarski, W *Nowe Roln* 22 (5): 16-17. Mar 1/15, 1973

062420 20.5 N86
Problems of improving agricultural advisory service. (Pol) Klos, T *Nowe Roln* 22 (5): 18-20. Mar 1/15, 1973

062421 20.5 N86
Organization of agricultural production as shown on example of agroindustrial complex at Ketrzyn. (Pol) Ostrowski, J *Nowe Roln* 23 (6): 10-13. March 16/31, 1973

062422 20.5 N86
Role & possiblities of village co-operatives 'Peasants' self-help' in development of farming. (Pol) Szczepanski, S *Nowe Roln* 23 (6): 4-6. March 16/31, 1973

062423 20.5 N86
Simple forms of co-operation in agriculture of Bydgoszcz province. (Pol) Nowinski, T *Nowe Roln* 23 (6): 6-8. March 16/31, 1973

062424 20.5 N86
Farming co-operatives in Wielkopolska maintain a high rate of production growth. (Pol) Walendowski, S *Nowe Roln* 23 (6): 8-10. March 16/31, 1973

062425 S11.N93
Agricultural advantages in acreage planning. (Dan) Andersen, G B *Nye Dan Landbrug* 4 (3): 29-31. Mar 1973

062426 275.249 F26
A few acres – & much waste. case of intensive livestock productions units. [Netherlands]. Voorburg, J H *OECD Agric Rev* 19 (4): 106-110. Map. 1972

062427 282.8 P11
An outlook on legal aspects of farming. (Dut) Visser, P de *Pacht* 33 (2): 34-36. Feb 1973

062428 14 R323
Accounting for all kind of farmers. (Fre) Jamet, J-p *Paysans* 91: 44-49. Feb/-Mar 1973

062429 14 R323
Cooperative structure must allow management by all. (Fre) Wunenburger, H *Paysans* 95 96: 70-73. Oct/Nov 1972

062430 14 R323
Annual Conference, a good formula?: Let us judge by its first results. [Agriculture]. (Fre) Magimel, J *Paysans* 97: 54-58. Dec 1972/jan 1973

062431 14 R323
Office has been created. (Fre) Tatu, J *Paysans* 97: 59-61. Dec 1972/jan 1973

062432 281.9 B87
Young Charolais bulls & corn silage: Conditions of production, income factors. (Fre) Guillet, L *Prod Agr Fr* 48 (122): 31-33. Jan 1973

062433 281.9 B87
Landed pastoral associations & groups. (Fre) Remy, P *Prod Agr Fr* 49 (124): 39. Feb 2, 1973

062434 49 P952
Management of pasture utilization. (Pol) Nowak, M *Przegl Hodowlany* 40 (11): 19-21. June 1/15, 1972

062435 49 P952
For a rational & more intensive pasture management. (Pol) Nowak, M *Przegl Hodowlany* 40 (13/14): 29-31. July 1/31, 1972

062436 49 P952
Specialized farm as symbol of rural progress. (Pol) Gumowski, B *Przegl Hodowlany* 41 (18): 2-3. Sept 16/30, 1972

062437 49 P952
Cooperation among farms in Finland. [Animal husbandry]. (Pol) Brodzinski, M G *Przegl Hodowlany* 41 (19): 23-25. Oct 1/15, 1972

062438 49 P952
How to organize sheep shearing. (Pol) Laudowicz, A *Przegl Hodowlany* 41 (21): 12-15. Nov 1/15, 1972

062439 389.8 P95
For an improvement of working & social welfare conditions in food industry. (Pol) *Przem Spozyw* 26 (3): 111-112. Eng. Sum. 1972

062440 43.8 R32
Production costs. [Animal husbandry]. (Por) Soares Veiga, J *Rev Criadores* 42 (516): 6. Dec 1972

062441 S5.R4
Decisions in agricultural enterprise. (Fre) Maza, H *Rev Suisse Agric* 5 (1): 16-21. Jan/Feb 1973

062442 281.8 R523
Agricultural mechanization using farm own resources or hiring. (Ita) Biancardi, V *Riv Polit Agr* (New Ser. 8) 19 (2): 31-43. June 1972

062443 65.8 SO83
Cane growers face problems of labour & mechanisation. Chance, W J F *S Afr Sugar Year Book* 42: 53-54. 1971/72

062444 24 N562N
Shifting cultivation in Africa. Schlippe, P de *Samaru Zaria Inst Agric Res Samaru Agric News!* 14 (1): 8-13. Feb 1972

062445 17 SCH93
Farm management problems of rural settlements. (Ger) Naef, E *Schweiz Landwirt Monatsh* 51 (2): 82-88. Feb 1973

062446 104 SW3
Guiding agricultural operations. [Management]. (Swe) Carlsson, M *SkogsLantbruksakad Tidskr* 111 (1/2): 51-64. 1972

062447 11 ST63M
Farmers' opinions on development of various branches of production. (Swe) *Stockholm Jordbrukets Utredningsinst Medd* 5, 88 P. Eng. Sum. 1972

062448 68.19 M28
Mechanization of processing records of labor & wages as exemplified by Makharadze Machine-Accounting Station. (Rus) Chkhartishvili, D S *Subtrop Kul't* 5: 18-22 1972

062449 SF391.S9
Efficient structure of feed production on collective farms specializing in swine raising. [Acreage]. (Ukr) Bykhun, M V *Svynarstvo* 16: 99-102. 1972

062450 44.8 OF2
Modern management of dairy farms. (Fre) Cazalot, G *Tech Lait* 28 (771, Special No.): 21, 23, 25, 27-31. Ref. Mar 3, 1973

062451 44.8 OF2
Some data on control & management of rearing nurseries & calf feedlots. (Fre) Quillet, J P *Tech Lait* 28 (771, Special No.): 33-34, 37, 39-43. Ref. Mar 3, 1973

062452 44.8 OF2
Management of a fattening swine farm. (Fre) Owen, J *Tech Lait* 28 (771, Special No.): 49, 51-53. Mar 3, 1973

062453 1.9 EX892ESC
Earning a living with sheep. [Management, income]. Hall, J T *U S Fed Ext Serv Ext Serv Circ* 576, 33 P. Ref. Feb 1973

062454 20 AK16
Effectiveness of developing sugar beet culture on farms of Alakul' District, Taldy-Kurgan Region. [Management]. (Rus) Ponomarev, E I *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 14-18. Jan 1973

062455 20 AK16
Some problems with development of cotton culture in southern Kazakhstan. [Farm management]. (Rus) Kupeshev, Sh K *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 18-22. Jan 1973

062456 20 M66
Organization of production on swine-raising farms. (Bel) Tarasevich, V F *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 1: 5-11. 1973

062457 41.8 V6426
Role of insurance in status & development of animal industry on collective farm. (Rus) Motylev, L A *Veterinariia* 2: 120-121. Feb 1973

062458 20 V82
Allocation of vegetable production in Donets Region. (Ukr) Levchenko, P H *Visnyk Sil's'kohospodar Nauk* 11: 31-34. Sept 1972

062459 20 V82
Scientific basis for putting into practice a complete cost accounting system on state farms. (Ukr) Klets'kyi, L M *Visnyk Sil's'kohospodar Nauk* 2: 1-10. Feb 1973

062460 20 V82
Economic efficiency of organizing processing enterprises on collective farms of Cherkassk Region. (Ukr) Stepanenko, A V *Visnyk Sil's'kohospodar Nauk* 3: 5-10. 1973

062461 280.8 V89
Determining effectiveness of specialization of agricultural enterprises. (Rus) Kovel', P *Vop Ekon* 1: 119-126. Jan 1973

062462 95.8 W435
Organization, course & expenses in establishing viticulture after reallocation of land. (Ger) Schnekenburger, F *Weinberg Keller* 20 (4): 185-19L. Apr 1973

062463 100 W75R
Will he take over? a longitudinal, five county study of patterns of establishment in farming by Wisconsin's farm youth. Bjoraker, W T *Wis Agr Exp Sta Res Rep* 2456, 16 P. Feb 1973

062464 100 W75R
Production practices used by Wisconsin dairy farmers. Saupe, W E *Wis Agr Exp Sta Res Rep* 2479, 20 P. Mar 1973

062465 281.8 W892
Establishment & management of nucleus estates in developing countries. Stubbings, B J J *World Crops* 24 (3): 120-122. May/June 1972

062466 286.8 Z3
Purpose of cooperatives in growing economy. (Ger) Lampert, H *Z Gesamte Genossenschaftswesen* 2 (4): 341-355. Eng. Sum. Fourth Quarter 1972

062467 286.8 Z3
Efficiency of cooperatives: criteria & prerequisites. (Ger) Dulfer, E *Z Gesamte Genossenschaftswesen* 22 (4): 324-340. Eng. Sum. Fourth Quarter 1972

062468 421 Z1
Significance of economic indices in plant protection. (Rus) Ponomareva, E A *Zashch Rast* 11: 36-39. Nov 1972

062469 20 Z44
Scientific organization of labor in agriculture. (Rus) Kurbatov, I *Zemledelie* 2: 70-73. Jan 1973

062470 49 Z62
Organization & putting into operation pig-breeding complexes. (Bul) Andreev, A *Zhivotnovudstvo* 26 (7): 16-20. July 1972

062471 49 Z62
Planning production funds for replacement animals in dairy cattle breeding. (Bul) Koleva, M *Zhivotnovudstvo* 26 (7): 45-48. July 1972

AGRICULTURAL PRODUCTION COSTS AND RETURNS

062472 280.8 AG82
Economic profitability of advisory service in Austria. (Ger) Abram, R *Agr Rundsch* 3: 6-10. June 1972

062473 280.8 AG82
Possible ways ot finance agricultural cooperatives. [Austria]. (Ger) Karner, E *Agr Rundsch* 4: 14-17. Aug 1972

062474 280.8 AG82
Global view on agrarian credits. (Ger) Schebeck, E M *Agr Rundsch* 4: 4-6. Aug 1972

062475 280.8 AG82
Meaning & problem of long-term credit from view point of farm management. [Austria]. (Ger) Gurtner, O *Agr Rundsch* 4: 7-10. Aug 1972

062476 280.8 AG82
Short-range credit in agriculture. (Ger) Maier, J *Agr Rundsch* 6: 13-15. Dec 1972

062477 1 EC7AG
Waste controls: where they hurt. [Swine farms, costs]. *Agr Situation (Washington)* 57 (4): 4. May 1973

062478 S19.A32
Economics of intercropping hybrid sorghum & soyabean. [India]. Prabhakar, A S *Agric Agro-ind J* 6 (2): 17-18. Feb 1973

062479 256.13 AG82M
Factors influencing profit from finishing suckled calves. Wilkinson, W J *Agric North Irel* 47 (11): 385-388. Mar 1973

062480 256.13 AG82M
Manure & slurry storage. [Tanks, costs]. Chambers, J T *Agric North Irel* 47 (12): 427-431. Apr 1973

062481 49 C43
Economic aspects of Japanese cattle in beef production. (Jap) Nishiyama, T *Anim Husb (tokyo)* 27 (4): 71-75. Apr 1973

062482 281.9 AU73
Impact of death duties on rural industries in Australia. Bates, W R *Australia Bur Agr Econ Quart Rev Agr Econ* 26 (1): 25-43. Ref. Jan 1973

062483 296.8 AR1
Are building construction criteria for dairy cattle economical? (Ger) Huffmeier, H *Bauen Lande* 23 (6): 174, 176-177. June 1972

062484 281.8 B462
What should be weight of a fattened swine? [Costs, returns]. (Ger) Westerich, H *Betriebswirtsch Mitt Wirtschaftsberater* 215: 27-32. Feb 1973

062485 281.8 B462
Economics of cattle fattening. (Ger) Hildebrandt, H H *Betriebswirtsch Mitt Wirtschaftsberater* 215: 3-7. Feb 1973

062486 281.8 B462
Cost price of fodder plant seed. (Ger) Klusmann, D W *Betriebswirtsch Mitt Wirtschaftsberater* 215: 47-48. Feb 1973

062487 S13.B7
Some aspects of judging economic contributions of land melioration. (Cze) Sedlak, L *Brno Acta Univ Agr Fac Agron* 19 (3): 509-516. 1971

062488 HD1940.C95A1
Analysis of transport situation on Unified Agricultural Cooperatives Zahnasovice (Kromeriz district). [Tractors]. (Cze) Navratil, M *Brno Vysoka Sk Zemedel Sb Rada D Spisy Fak Provozne Ekon* 8 (2): 165-182. Eng. Sum. 1972

062489 HD1940.C95A1
Frequency of financial information & its price on agricultural enterprises. (Cze) Lanca, J *Brno Vysoka Sk Zemedel Sb Rada D Spisy Fak Provozne Ekon* 8 (2): 203-211. Eng. Sum. 1972

062490 281.8 C16
Input subsidies for variable resources in agriculture. Nieuwoudt, W L *Can J Agr Econ* 20 (2): 118-119. July 1972

062491 464.9 C16S
Losses from cereal diseases in Manitoba in 1971. Hagborg, W A F *Can Plant Dis Surv* 52 (4): 113-118. Dec 1972

062492 80 C498
Dollar devaluation & citrus industry. Ward, R W *Citrus Veg Mag* 36 (8): 18-19. Apr 1973

062493 77.9 IN292
Economics of recommended management practices for coconut. [India]. Thampan, P K *Coconut Bull* 3 (8): 2-11. Dec 1972

062494 HD9437.D4D3
Cost of oil/gas & feed. [Poultry farm management]. (Dan) Tachau, A V *Dan Erhvervsfjerkrae* 2 (2): 29-30. Jan 15, 1973

062495 HD9437.D4D3
Feed prices, accounts, & payment. (Dan) Qwist, F *Dan Erhvervsfjerkrae* 2 (6): 142-144. Mar 15, 1973

062496 281.8 SO73
An intensive plan & material incentives. [Agriculture]. (Rus) Steliukov, M *Ekon Sel Khoz* 2: 67-71. Feb 1973

062497 281.8 SO73
Economic evaluation of crops & crop rotations. (Rus) Martirosov, S *Ekon Sel Khoz* 2: 72-79. Feb 1973

062498 281.8 SO73
On recording expenditures in cattle raising. (Rus) Sheleg, P *Ekon Sel Khoz* 2: 97-99. Feb 1973

062499 S9.E9
Agricultural credit. (Ita) *Evoluzione Agric* 18 (207): 15-16. Feb 1973

062500 102.5 EX7
Economics of coffee production in typical enterprises of Zona da Mata, Minas Gerais. (Por) Mesquita, A *Experientiae* 14 (3): 65-94. Maps. Eng. Sum. Aug 1972

062501 TX341.F3
Change in cost & compositon of feed for pigs. Kearney, B *Farm Food Res* 3 (6): 128-129. Nov/Dec 1972

062502 18 W763
Economic advantages of industralised wilted ensilage production. (Ger) Rucker, H *Feldwirtschaft* 13 (11): 509. Nov 1972

062503 57.8 F4123
Rupee 1 spent on balanced fertilisation of rice – returns Rs. 2.71. Kumar, V *Fert News* 18 (2): 49-50. Feb 1973

062504 14 F844B
Drainage & profit. (Fre) Guyon, G *France Min Agr Bull Tech Inform* 2 (Special No. 273/274): 1113-1115. Sept/Oct 1972

062505 275.29 G29C
Increase profits through cost-return analysis; a guide for decision making. Johnson, J L *Ga Univ Ext Circ* 653, 27 P. Apr 1973

062506 80 G1948
Farm expenses for long-term apple storage. (Ger) Osterloh, A *Gartenbau* 19 (12): 278-280. Dec 1972

062507 281.8 G25
Costs & returns of plant protection in horticulture. (Hun) Kiss, L *Gazdalkodas* 17 (3): 13-21. Eng. Sum. 1973

062508 281.8 G25
Opportunties for cost saving in fattening lambs [Equipment]. (Hun) Bartos, A *Gazdalkodas* 17 (3): 23-319 eng. Sum. 1973

062509 290.8 G362
Effectiveness of expenditures on operation of state irrigation systmes. (Rus) Krasnikov, A F *Gidrotekh Melior* 8: 86-89. Aug 1972

062510 424.8 G47
Cost effectiveness. [Bee keeping]. Pursley, R E *Gleanings Bee Cult* 101 (4): 121-122. Apr 1973

062511 50.8 G69
Accounting for feedlot fattening of cattle. (Pol) Kozlowski, S *Gosp Miesna* 24 (7): 15. July 1972

062512 44.8 H65
Nitrogen increases orchard grass & bromegrass yields & profits. [Dactylis, Bromus]. Abbring, F T *Hoards Dairyman* 118 (8): 549, 591. Apr 25, 1973

062513 HD2042.A1I4
Specialization of production & prices for farm products. (Bul) Mladenov, N *Ikon Sel Stop* 9 (2): 53-69. 1972

062514 HD2042.A1I4
Methodological problems of establishing norms for costs & overall labor expenditures for agricultural production. (Bul) Trifonov, P *Ikon Sel Stop* 9 (8): 3-15. 1972

062515 HD2042.A1I4
On certain problems of accumulation & expenditures in agriculture. [Finances]. (Bul) Tsvetkov, G *Ikon Sel Stop* 9 (8): 33-44. 1972

062516 HD2042.A1I4
Problems of profitability of tobacco production on collective farms. (Bul) Gugov, G *Ikon Sel Stop* 9 (8): 45-58. 1972

062517 HD9410.C4
Pricing systems. Daugherty, R E *In Central Treaty Organization. CENTO Workshops on Mark Eting of Livestock and their Products* P. 36-39. 1971

062518 S469.R92E39
Economic effectiveness of mechanization of accumulation & application of manure on cattle farms. (Rus) Bogush, A A *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 137-144. 1972

062519 S469.R92E39
Turnover of circulating capital in state farms. (Rus) Il'chik, V I *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 152-159. 1972

062520 S469.R92E39
Improving calculations of cost of production of dairy herd. (Rus) Baranov, N F *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 159-164. 1972

062521 S469.R92E39
Material incentives in collective farm production. (Rus) Tishchenkov, I E *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 16-21. 1972

062522 S469.R92E39
Economic effectiveness of mineral fertilizers on flax. [Costs, returns]. (Rus) Ozerov, V I *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 171-176. 1972

062523 S469.R92E39
Effectiveness of vegetable production in covered ground. [Costs]. (Rus) Pushkin, A S *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 181-184. 1972

062524 HD2065.6.A8
First results concerning profitability of farms in Afghanistan. (Ger) Samimi, A *In Steigerung der Landwirtschaftlichen Produktion und ihr E Weiterverarbeitung in Afghanistan* 6: 19-21. 1972

062525 SB112.V6
Basic problems on economics of irrigated farming in middle & lower Volga regions. (Rus) Merkulov, IU A *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 426-430. 1972

062526 SB112.V6
Economics of commercial vegetable culture on collective farms of Astrakhan Region. [Costs, returns]. (Rus) Tsilinov, G I *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 418-422. 1972

062527 SB112.V6
Effectiveness of developing irrigated lands on lower reaches of Volga. [Costs]. (Rus) Viktorov, V E *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 405-410. 1972

062528 SB112.V6
Economic effectiveness of grain production on irrigated land of Volga region. [Costs, returns]. (Rus) Stepanov, A I *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 387-391. 1972

062529 SB112.V6
Effectiveness of irrigated field crop culture on Komsomolets Collective Farm, Krasnopartizan District, Saratov Region. [Costs, returns]. (Rus) Tsarev, A P *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 423-426. 1972

062530 SB112.V6
Economic efficiency of farm crop culture on irrigated lands of Volga region. [Costs, returns]. (Rus) Solomin, Kh G *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 396-400. 1972

062531 22 IN235
Economics of nitrogen fertilization to irrigated cotton (Gossypium hirsutum). Hunsigi, G *Indian J Agron* 17 (4): 329-331. Dec 1972

062532 HD1945.A1I5
1973: credit trends of FORMA. [Fund for Orientation & Stabilization of Agricultural Markets, animal industry]. (Fre) Simon, B *Inform Agr (paris)* 434: 27-29. Mar 1973

062533 HD1945.A1I5
Financing of barns. (Fre) Bourgeois, L *Inform Agr (paris)* 434: 30-32. Mar 1973

062534 HD1945.A1I5
Tax regime after cash earnings. [Agriculture]. (Fre) Cotton, G *Inform Agr (paris)* 434: 35-37. Mar 1973

062535 16 IT1
Agricultural credit: trends shown by statistics of Bank of Italy. (Ita) Crea, V *Ital Agr* 109 (11): 1128-1138. Nov 1972

062536 44.8 J822
Dairy facility investments & labor economics. Hoglund, C R *J Dairy Sci* 56 (4): 488-495. Ref. Apr 1973

062537 56.8 J822
Economic aspects of sloping land drainage. Bornstein, J *J Soil Water Conserv* 28 (2): 76-79. Mar/Apr 1973

062538 385 K524
Lime flour with poor dusting qualities & economic effectiveness of its application. [Fertilizers]. (Rus) Artiushin, A M *Khim Sel'skom Khoz* 11 (2): 3-6. 1973

062539 389.78 K85
Leasing also in agriculture? (Ger) Seuster, H *Kraftfutter* 55 (11): 618-620. Nov 1972

062540 11 L236
More information on tax liability in agriculture. (Nor) Galland, A *Landbrukstidende* 79 (10): 229, 231-232. Mar 10, 1973

062541 HD1987.L35
Profitability of nursery business in bulb growing region & clay soil of North Holland during 1971. (Dut) Noort, L van *Meded & Overdrukken Landbouw Econ Inst* 83, 21 P. July 1972

062542 HD1987.L35
Investment & annual costs of growing hothouse vegetables (cost comparisons for 1971/1972). (Dut) Weber, P G A *Meded & Overdrukken Landbouw Econ Inst* 85, 24 P. 1972

062543 HD1987.L35
Profitability of vegetable cultivation on open land in provinces of North & South Holland, North Brabant & Limburg during 1971/1972. (Dut) Groenewegen, A N *Meded & Overdrukken Landbouw Econ Inst* 86, 14 P. Sept 1972

062544 44.8 M5998
Crisis in profitability of Austrian milk production. (Ger) Lohr, L *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 33: 335-338. Dec 1972

062545 18 N39
Aircraft in agriculture – is use economical? (Ger) Gallwitz, K *Mitt Deut Landwirt-ges* 87 (47): 1189-1191. Nov 16, 1972

062546 18 N39
Capability of forming new capital in agriculture. (Ger) Blohm, G *Mitt Deut Landwirt-ges* 87 (51): 1285-1287. Dec 14, 1972

062547 100 N813B
Cost-size relationships of North Dakota ranches. Leistritz, F L *N Dak Farm Res* 30 (4): 28-31. Mar/Apr 1973

062548 100 N46S (1)
An analysis of variables related to extension of unemployment insurance to farm workers in New Jersey. Luke, G W *N J Agr Exp Sta Bull* 827, 266 P. Map. Sept 1972

062549 281.9 C81AE
Economics of soybeans for processing in New York, 1972. Kearl, C D *N Y State Coll Agric Life Sci Dep Agric Econ A E Ext* 73-1, 18 P. Map. Jan 1973

062550 166.2 N47
Co-ops paying more of refunds in cash. Griffin, N *News Farmer Coop* 39 (11): 8-9. Feb 1973

062551 100 OR3S
Estimation of cost functions of Northwest beef feedlots from expected marginal revenue observations. Johnson, J B *Oreg Agr Exp Sta Tech Bull* 120, 48 P. Ref. Feb 1973

062552 14 R323
Tax reform for agricultural incomes. (Fre) Cotton, G *Paysans* 91: 23-43. Feb/Mar 1973

062553 14 R323
Harmonizing of agricultural fiscal policy in Common Market: An enormous task. (Fre) Cotton, G *Paysans* 97: 33-43. Dec 1972/jan 1973

062554 SB290.R9
Economic analyses of cover policies & fertiliser use in rubber cultivation. [Hevea]. Chuan, T T *Proc RRIM Plant Conf (rubber Res Inst Malaya)* P. 214-233. Ref. 1971 (Pub. 1972)

062555 SB290.R9
Economic analysis of R.R.I.M. [Rubber Research Institute of Malaya] Ethrel trials. [Hevea, tapping Stimulation]. Pee, T Y *Proc RRIM Plant Conf (rubber Res Inst Malaya)* P. 48-71. 1971 (Pub. 1972)

062556 281.9 B87
1973 budget & state aids to agriculture. (Fre) Benetiere, J J *Prod Agr Fr* 47 (121): 6-7. Dec 1972

062557 281.9 B87
Installation of young farmers & special animal husbandry loans. (Fre) Lefevre, A *Prod Agr Fr* 49 (124): 49-50. Feb 2, 1973

062558 49 P952
Feed costs for young breeding sows. (Pol) Czarnecki, J *Przegl Hodowlany* 41 (15/16): 28-30. Aug 1/31, 1972

062559 49 P952
Profitability of rearing young bulls. (Pol) Grabski, F *Przegl Hodowlany* 41 (20): 5-6. Oct 16/31, 1972

062560 49 P952
Farmers' opinions on profitability of cattle fattening. (Pol) Kot, Z *Przegl Hodowlany* 41 (20): 7-8. Oct 16/31, 1972

062561 23 Q33
Rural credit in Queensland. 1. Bygott, R B *Queensland Agr J* 99 (1): 21-30. Jan 1973

062562 43.8 R32
Financing coffee growing. [Brazil]. (Por) Moyses, M A *Rev Criadores* 42 (516): 68-70. Dec 1972

062563 80 R32
Spray irrigation: different means, costs of installation. (Fre) Lebel, J *Rev Hort* 2311: 15-20. Jan/Feb 1973

062564 SF1.R54
A look at agricultural credit. (Ita) Frezzini, C *Rilancio Agric Vet Zootec* 4 (10): 20-21. 1972

062565 SF1.R54
Costs of intensive fattening. [Calves, poultry]. (Ita) Bosticco, A *Rilancio Agric Vet Zootec* 4 (11/12): 37-38. 1972

062566 49.9 R82
Gemco system of beef financing. Lawlor, M D *Ruakura Farmers Conf Week Proc* P. 178-179. 1972

062567 100 SO8 (1)
Optimum size cotton gin as related to assembly & ginning costs in South Carolina. McAlhany, J W *S C Agr Exp Sta Bull* 560, 22 P. Sept 1972

062568 80 SA15
Economic effectiveness of capital investments in irrigated orchards. (Rus) Vaselashku, I D *Sadov Vinogradarstvo Vinodelie Moldavii* 1: 47-50. Jan 1973

062569 65.8 SA2
Effect of paying for beets according to sugar content on economic indices of beet suppliers & sugar refinery operations. (Rus) Nikiforova, T S *Sakharn Prom* 2: 48-50. Feb 1973

062570 S19.A42
Farm income levels in northern states of Nigeria. *Samaru Misc Pap Inst Agric Res Ahmadu Bello Univ* 35, 13 P. Ref. 1972

062571 281.9 SCO3S
Scottish farm workers' hours & earnings 1971-72. *Scot Dep Agr Fish Scot Agr Econ* 23: 226-227. 1973

062572 281.9 SCO3S
Changes in farm rents in Scotland 1971-72. *Scot Dep Agr Fish Scot Agr Econ* 23: 228-230. 1973

062573 281.9 SCO3S
Capital assets of farming in Scotland. Whitehouse, D L *Scot Dep Agr Fish Scot Agr Econ* 23: 234-239. 1973

062574 281.9 SCO3S
Financial results of Scottish farming 1971-72. *Scot Dep Agr Fish Scot Agr Econ* 23: 240-258. 1973

062575 61.9 SE5
Seeds are primary concern of collective farms. [Costs, returnsÈ. (Rus) Chirkov, A I *Selek Semenovod (moscow)* 6: 18-21. Nov/Dec 1972

062576 95.8 SE5
Processing of data on vintage & profits in grapes growing. (Spa) Noguera Pujol, J *Sem Vitivinic* 1367/1368: 4333, 4335, 4337. Oct 21/28 1972

062577 S13.S55
Basic tasks of scientific research in increasing effectiveness of captial investments & basic capital in agriculture. (Rus) Sergeev, S S *Sib Vestn S-kh Nauk* 6: 103-109. Nov/Dec 1972

062578 HD1761.A1M5
High returns from field channels in irrigated Indian villages. Batra, B B *Staff Pap Ser Dep Agric Appl Econ Univ Minn Inst Agric* P72-24, 29 P. Maps. Sept 1972

062579 68.19 M28
Problems of optimum amount & structure of basic funds. [Agricultural finances, collective farming]. (Rus) Bibileishvili, G E *Subtrop Kul't* 5: 3-6. 1972

062580 SF391.S9
Economic evaluation of weaning baby pigs at one month of age. [Costs]. (Ukr) Bykhun, M V *Svynarstvo* 16: 32-37. 1972

062581 S19.T3
Studies on agricultural finance under new economic condition. [Taiwan]. (Chi) Chien, H C *Taiwan Agr Quart* 8 (4): 39-51. Dec 1972

062582 49 T443
Hints for rating & accounting soilage in contractual relations between crop farming & livestock production. (Ger) Schmidt, W *Tierzucht* 27 (3): 110-112. Mar 1973

062583 49 T443
Dry-matter determination, a basis for true commodity-money relationships between crop farming and livestock production. (Ger) Luge, W *Tierzucht* 27 (3): 112-114. Mar 1973

062584 49 T445
On economic valuation of efficiency of pure breeding programs. II. [Cattle]. (Ger) Kohne, M *Tierzuchter* 25 (2): 50-52. Feb 5, 1973

062585 A281.9 AG8A
Potential for oilseed sunflowers in United States. [Market potential, production economics]. Trotter, W K *U S D A Agr Econ Rep* 237, 55 P. Ref. Feb 1973

062586 A281.9 AG83E
Economic impact of cancelling use of 2,4,5-T in rice production. Gerlow, A R *U S D A Econ Res Serv ERs* 510, 11 P. Map. Mar 1973

062587 A281.9 AG83E
Cost of storing & handling grain & controlling dust in commercial elevators, 1971-72. Projections for 1973-74. Schienbein, A G *U S D A Econ Res Serv ERs* 513, 25 P. Mar 1973

062588 1 AG84MR
Cotton gin operating costs in Blacklands of Texas – 1970/71 & 1971/72. Wilmot, C A *U S D A Mkt Res Rep* 989, 8 P. Feb 1973

062589 A280.29 F22I
What are patronage refunds? [Cooperatives]. Volkin, D *U S Farmer Coop Serv Inform* 34 (Rev), 15 P. Sept 1972

062590 1.9 EX892ESC
Earning a living with sheep. [Management, income]. Hall, J T *U S Fed Ext Serv Ext Serv Circ* 576, 33 P. Ref. Feb 1973

062591 18 UB3
Opening up income insurance also for farmers. [West Germany]. (Ger) Michels, R *Ubersicht* 24 (3): 196-199. Mar 10, 1973

062592 20 AK16
Optimizing grain farming & improving profitability of production. (Rus) Autov, R R *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 3-5. Feb 1973

062593 20 AK16
Comparative economic effectiveness of sheep breeds raised in central Kazakhstan & of breed groups. (Rus) Abdullin, V A *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 5-9. Feb 1973

062594 20 AK16
Increasing economic effectiveness of production of potatoes & vegetables on a specialized basis. [Costs]. (Rus) Krivtsov, N P *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 9-12. Feb 1973

062595 95.8 V77
Economic incentive for developing manufacture of wine. (Rus) Shesterkina, V N *Vinodelie Vinogradarstvo Sssr* 1: 57-59. 1973

062596 20 V82
Effectiveness of using basic capital for [illegible]tive farm canneries. [Fruit, vegetable, [illegible]essing]. (Ukr) Konovalov, I V *Visnyk [illegible]'kohospodar Nauk* 1: 14-18. Jan 1973

062597 20 V82
On increasing efficiency of potato production in Ukraine. [Costs, returns]. (Ukr) Fedorova, L V *Visnyk Sil's'kohospodar Nauk* 1: 9-14. Jan 1973

062598 20 V82
Effect of milk quality on profitability level of production. (Ukr) Bohdan, I F *Visnyk Sil's'kohospodar Nauk* 2: 16-20. Feb 1973

062599 20 V82
Economic efficiency of onion culture in Donets Region. (Ukr) Zhelezniak, O M *Visnyk Sil's'kohospodar Nauk* 2: 20-22. Feb 1973

062600 20 V82
Allocation & economic efficiency of groats production in Ukraine. (Ukr) Reznik, O I *Visnyk Sil's'kohospodar Nauk* 3: 1-5. 1973

062601 20 V82
Economic efficiency of growing vegetables in block greenhouses. [Costs, returns]. (Ukr) Skupyi, V M *Visnyk Sil's'kohospodar Nauk* 3: 10-13. 1973

062602 20 V82
Effects of type of feeding on effectiveness of pork production. [Costs, returns]. (Ukr) Hnep, V S *Visnyk Sil's'kohospodar Nauk* 3: 13-15. Ref. 1973

062603 100 W52 (1)
Livestock transportation costs in West Virginia. Lin, C F *W Va Agr Exp Sta Bull* 613, 48 P. Ref. Jan 1973

062604 281.8 Z14
Production costs of primary agricultural products in state farms in 1970/1971. (Pol) Jelenski, E *Zagadnienia Ekon Rolnej* 5/6 (Suppl.) 72-115. 1972

062605 281.8 Z14
Costs, profitableness & income in individual farming for years 1965, 1970 & 1971. (Pol) Bachanska, R *Zagadnienia Ekon Rolnej* 5/6 (Suppl.): 28-71. 1972

062606 421 Z1
Basic categories & indices used in economics & organization of plant protection. (Rus) Ponomareva, E A *Zashch Rast* 1: 33-36. Jan 1973

062607 49 Z62
Profitable pig-farming. (Bul) Dragoev, P *Zhivotnovudstvo* 26 (7): 48-52. July 1972

062608 65.8 Z82
On regional economics of sugar beet cultivation in Western Germany. (Ger) Andreae, B *Zucker* 26 (4): 182-185. Eng. Sum. Apr 1973

AGRICULTURAL PRODUCTION DISTRIBUTION

062609 281.8 AG826
Cooperation in marketing – institutional problems. (Ger) Pottebaum, P *Agrarwirtschaft* 22 (1): 17-22. Ref. Eng. Sum. Jan 1973

062610 281.8 AG826
Forecasting swine market situation. (Ger) Bockenhoff, E *Agrarwirtschaft* 22 (1): 23-28. Jan 1973

062611 22.5 AG862
Establishment of agricultural marketing boards for price stabilization. (Chi) Hsu, W F *Agric Assoc China J* (New Ser.) 80: 112-118. Dec 1972

062612 22.5 N682
Distribution & improvement of agricultural prroducts. 24. Marketing competition. (Jap) Kawano, T *Agric Hortic* 48 (4): 117-120. Apr 1973

062613 22.5 N682
Food production & fertilizer application. 13. Comparison on food supply & comsumption in Europe & America. (Jap) Takahashi, E *Agric Hortic* 48 (4): 6-12. Apr 1973

062614 10 G79J
Beef production in Italy. Chalmers, A J *Agriculture (london)* 79 (8): 354-358. Aug 1972

062615 100 AL1S (1)
Process of choice used by Alabama urban homemakers in food-buying decisions. Hammett, R A *Ala Agr Exp Sta Bull* 438, 72 P. Nov 1972

062616 424.8 AM3
World honey market. *Amer Bee J* 113 (5): 166-167. May 1973

062617 390.9 AM33
Flavor preferences of supermarket customers for Thompson Seedless grapes. Nelson, K E *Amer J Enol Vitic* 24 (1): 31-40. 1973

062618 81 SO12
Evaluation & measurement of characteristics affecting fresh market blueberry demand. Mathia, G A *Amer Soc Hort Sci J* 98 (2): 170-173. Mar 1973

062619 49 C43
Present conditions & direction of swine raising in Japan. 1. (Jap) Yamamoto, K *Anim Husb (tokyo)* 27 (3): 3-8. Mar 1973

062620 49 C43
Changes of egg production & marketing structures. 2. (Jap) Murata, T *Anim Husb (tokyo)* 27 (4): 19-24. Ref. Apr 1973

062621 49 C43
Techniques on widening area distribution & long-distance transportation of fresh milk. 1. (Jap) Gejo, K *Anim Husb (tokyo)* 27 (4): 35-38. Apr 1973

062622 100 AR42F
Reactions of milk producers to Class I base plans. [Consumption, dairy industry, supply]. Berry, C R *Ark Farm Res* 22 (1): 11. Jan/Feb 1973

062623 100 AR42F
Selling cotton on forward contracts. Lafferty, D G *Ark Farm Res* 22 (2): 11. Mar-/Apr 1973

062624 100 AR42F
Evaluation of marketing procedures for fresh tomatoes in southeast Arkansas. Price, C *Ark Farm Res* 22 (2): 13. Mar-/Apr 1973

062625 41.8 AU1
Milk for India. Winkler, J K *Auburn Vet* 29 (2): 79-83. Winter 1973

062626 65.8 AU7
Outlook for sugar depends largely on outcome of 1973 ISA [International Sugar Agreement] negotiations. Pearce, E T S *Austral Sugar J* 64 (11): 545-547. Feb 1973

062627 281.9 AU73
Regional supply pattern of beef cattle for slaughter in Queensland. Girdlestone, J N *Australia Bur Agr Econ Quart Rev Agr Econ* 26 (1): 44-60. Map. Ref. Jan 1973

062628 296.8 AR1
Storage & marketing of potatoes. (Ger) Penner, D *Bauen Lande* 23 (7): 213-214. July 1972

062629 390.8 B732
Preselling – a remedy for marketing problems? [Beverages]. (Ger) Eggers, W *Brauwelt* 113 (17): 315-317. Mar 7, 1973

062630 43.9 B775
Introductory comments to a discussion on position of governments in U.K. exports of breeding cattle. Stappard, C S *Brit Cattle Breeders Club Dig* 28: 31-35. 1973

062631 43.9 B775
Justification for import of breeding stock – discussion. King, J W B *Brit Cattle Breeders Club Dig* 28: 44-49. 1973

062632 43.9 B775
Live exports. [Cattle]. Abbey, F K *Brit Cattle Breeders Club Dig* 28: 9-11. 1973

062633 281.9 B832
Cost price of egg consumption in Belgium. (Fre) Goffinet, R *Brussels Inst Econ Agr Cah I E A* 154, 27 P. Jan 1973

062634 281.9 C1642A
European Economic Community. [Trade]. Lohoar, J S *Can Dep Agr Agr Abroad* 28 (1): 21-24. Feb 1973

062635 281.9 C1642A
EEC[European Economic Community] agricultural market – market organizations & price systems. *Can Dep Agr Agr Abroad* 28 (1): 24-35. Feb 1973

062636 281.9 C1642A
Australian beef & veal industry. [Trade]. Hiltz, C V *Can Dep Agr Agr Abroad* 28 (1): 40-42. Feb 1973

062637 281.9 C1642A
Brazilian cocoa. [Trade]. Valentine, G D *Can Dep Agr Agr Abroad* 28 (1): 43-45. Feb 1973

062638 65.8 C41
A study on guaranteed price of sugar & relation between sugar industry & future of entire agricultural development in Taiwan. (Chi) Chang, T T *Che Pao (sugar Cane Bull)* 41 (4): 6-10. Apr 1973

062639 65.8 C89
Production & purchasing of sugar beets according to sugar content in East Germany. (Hun) Toth, L *Cukoripar* 26 (2): 45-52. Eng. Sum. Mar/Apr 1973

062640 15 C89
Liquidation of wheat stocks in world. (Spa) Montaner Esteve, J *Cult Mod* 56 (2): 40-41. Feb 1973

062641 44.8 D148
More dairy product promotion under milk orders will be needed to enhance consumer demand. Graf, T F *Dairy Rec* 73 (11): 10. Apr 1973

062642 44.8 D148
Private label milk for chain stores continues to be risky for processors. Cropp, R H *Dairy Rec* 73 (11): 28-29. Apr 1973

062643 HD9437.D4D3
Production & export of eggs in 1972. (Dan) Vonsbaek, N *Dan Erhvervsfjerkrae* 2 (6): 138-139. Mar 15, 1973

062644 44.8 SU2
Optimizing milk transportation. (Ger) Rupf, E *Deut Molk-zeitung* 94 (15): 560-562, 564. Apr 12, 1973

062645 44.8 SU2
Rationalization of milk collecting in Bavaria. (Ger) Haisch, K H *Deut Molkzeitung* 94 (4): 118-120. Jan 25, 1973

062646 44.8 M736
German cheese market as reflected in market research; state of affairs in october 1972. (Ger) *Dtsch Milchwirtsch* 23 (50): 2122-2124. Dec 13, 1972

062647 44.8 M736
Is it still possible to speak about a common milk market? a critical analysis. (Ger) Hetzner, E *Dtsch Milchwirtsch* 24 (10): 321-324, 339. Mar 7, 1973

062648 44.8 M736
Increased trade with milk & dairy products. (Ger) Konig, W *Dtsch Milchwirtsch* 24 (11): 355-357. Mar 14, 1973

062649 44.8 M736
More difficult competition on milk market. (Ger) Zuydtwyck, H von *Dtsch Milchwirtsch* 24 (14): 475-478. Apr 4, 1973

062650 281.9 AU73E
Supply & disposal of eggs in Japan. Parsons, S A *Egg Situation* 14: 15-19. Oct 1972

062651 281.9 AU73E
Recent developments in United Kingdom egg market. Dalziell, I L *Egg Situation* 14: 20-26. Oct 1972

062652 281.8 SO73
New forms of product procurement. [Agricultural products]. (Rus) Miziakin, N *Ekon Sel Khoz* 2: 95-97. Feb 1973

062653 TP368.E7
Development of demand in market structure & results of marketing in individual branches of food industry. (Ger) Grosskopf, W *Ernahrungswirtschaft* 2: a29-A32. Feb 1973

062654 S19.E8
Post-harvest technology of foodcropsproblems & perspective. [Marketing]. Neelakanta, J *Explos Hunger* 5 (1): 616-618. Oct/Dec 1972

062655 S19.E8
Nirodh Marketinga unique experiment. [India]. Gupta, D R *Explos Hunger* 5 (1): 619-621, 625. Oct/Dec 1972

062656 HD1775.O3A3
What to pay for feeder steers. Bowen, C C *ESM Coop Ext Serv Ohio State Univ* 484, 2 P. Oct 1972

062657 HD1775.O3A3
Proceedings of a seminar on current problems in milk industry. *ESM Coop Ext Serv Ohio State Univ* 487, 43 P. Mar 1973

062658 HD1775.O3A3
Regulatory milk pricing – problems & issues. Knutson, R *ESM Coop Ext Serv Ohio State Univ* 487: 37-43. Mar 1973

062659 HD1775.O3A3
Summary & analysis of Ohio graded feeder pig auctions, 1972. Bowen, C C *ESM Coop Ext Serv Ohio State Univ* 488, 18 P. Jan 1973

062660 384 C422
Tasks of packaging industry in food sector. (Ger) Klein, K *Fette Seifen Anstrichmittel* 75 (4): 273-274. Apr 1973

062661 389.8 F737
Fibre drum holds vinegar. [Shipping]. Jones, E *Food Eng* 45 (4): 67. Apr 1973

062662 389.8 F737
Turns trends into big gains [Dairy industry]. Malm, D S *Food Eng* 45 (4): 68-71. Apr 1973

062663 A281.9 F76FO
Meixco's changing citrus industry finds a new star in grapefruit. Smith, R A *Foreign Agr* 11 (16): 2-4. Apr 16, 1973

062664 A281.9 F76FO
India short of edible oil, grain. Browne, E *Foreign Agr* 11 (16): 8-9. Apr 16, 1973

062665 A281.9 F76FO
India to encourage soybean production to meet growing domestic demand. *Foreign Agr* 11 (16): 9, 16. Apr 16, 1973

062666 A281.9 F76FO
Promotions increase use of U.S. food in Hong Kong. Havas, N *Foreign Agr* 11 (17): 11, 16. Apr 23, 1973

062667 A281.9 F76FO
Denmark's pork exports face market adjustments in enlarged European Community. Dirks, H J *Foreign Agr* 11 (17): 7, 16. Apr 23, 1973

062668 A281.9 F76FO
Dutch glasshouse industry faces market problems. Williams, J A *Foreign Agr* 11 (18): 10-12. Apr 30, 1973

062669 A281.9 F76FO
Incomes, prices, trade influence world red meat consumption. Stenswick, L E *Foreign Agr* 11 (18): 2-4, 16. Apr 30, 1973

062670 A281.9 F76FO
Newcastle threat prompts strict regulations on U.S. Poultry imports. Mulhern, F J *Foreign Agr* 11 (18): 7, 12. Apr 30, 1973

062671 A281.9 F76FO
CARIFTA [Caribbean Free Trade Association] changing to common market, seeking strong ties with EC [European Community]. Barlow, F D *Foreign Agr* 11 (18): 8-9, 12. Apr 30, 1973

062672 A281.9 F76FO
Strong export push enabled Argentina to boost 1972 meat shipments. Wilson, D L *Foreign Agr* 11 (19): 2-5. May 7, 1973

062673 A281.9 F76FO
Prospects for 1973 USSR grain crop improve – imports still needed. *Foreign Agr* 11 (19): 5-6, 16. May 7, 1973

062674 A281.9 F76FO
U.S. Agricultural exports up nearly three-fourths in third quarter 1972-73. Rahe, D H *Foreign Agr* 11 (19): 7-9. May 7, 1973

062675 HD1927.G7
Variability of yield, price & gross income in horticulture. Sargent, M J *G B Agric Dev Advis Serv A.d.a.s. Q Rev* 8: 139-144. Spring 1973

062676 80 G1938
Produce prices with early picking of potatoes, cabbage, & carrots for cooperative sale & private purchase. (Nor) Langvatn, H *Gartneryrket* 63 (7): 120-121, 123. Feb 16, 1973

062677 18 G313E
Possible effects of an enlargement of European Economi c Community on agrarian market. (Ger) *Ger (fed Repub) Landwirt-Angew Wiss* 161, 240 P. 1972

062678 S19.G74
Distribution of foodgrains in India. Aggarwal, V S *Green Revolution* P. 123-126. 1972

062679 44.8 H65
USDA support prices can create chaos in dairying. Farr, C L *Hoards Dairyman* 118 (8): 545, 558. Apr 25, 1973

062680 HD9410.C4
Marketing, slaughtering & handling of livestock. Roberts, J *In Central Treaty Organization. CENTO Workshops on Mark Eting of Livestock and their Products* P. 41-43. 1971

062681 HD9410.C4
Market structure. Daugherty, R E *In Central Treaty Organization. CENTO Workshops on Mark Eting of Livestock and their Products* P. 32-35. 1971

062682 68.29 IN23M
European Economic Community & Indian coffee. Abraham, J M *Indian Coffee* 37 (1): 7-12. Jan 1973

062683 65.8 IN26
A realistic sugarcane price policy – need of hour. Maruthai Pillai, P *Indian Sugar (calcutta)* 22 (4): 217-220. July 1972

062684 389.8 IN24
Peru: First producer & exporter of fish. (Spa) Asturias, A *Indus Conserv* 38 (402): 333-334. Dec 1972

062685 389.8 IN24
Consumption & commercialization of fish in Spain. (Spa) Freire Vazquez, J *Indus Conserv* 38 (402): 339-340. Dec 1972

062686 389.8 K832
Fruit conserves & products in trade of area of Organisation for Economic Cooperation & Development. (Ger) Siegel, O *Indus Obst& Gemuseverwert* 58 (7): 185-187. Apr 5, 1973

062687 20 M57AG
Economic reform & marketing of products from state owned farms. (Ger) Paap, B *Int Z Landwirt* 1: 31-36. 1973

062688 HD9000.A1J68
Consumer acceptance: frozen meat research design. Kahn, P *J Food Distrib Res* 3 (1): 38-39. July 1972

062689 HD9000.A1J68
Fast food store location factors: a comparison with grocery store location factors. Love, H G *J Food Distrib Res* 3 (1): 40-43. July 1972

062690 HD9000.A1J68
Consumer attitude toward charge cards in food distribution industry. Sporleder, T L *J Food Distrib Res* 3 (1): 44-47. July 1972

062691 HD9000.A1J68
Performance: from consumer viewpoint. [Retail marketing]. Watkins, E P *J Food Distrib Res* 3 (1): 48-51. July 1972

062692 HD9000.A1J68
Computerized checkout – & update. [Retail marketing, food]. Ricker, H S *J Food Distrib Res* 3 (1): 76-78. July 1972

062693 HD9000.A1J68
Technical problems of frozen meats & frozen foods: retail case management. Perez, A *J Food Distrib Res* 3 (1): 79-81. July 1972

062694 HD9000.A1J68
Computer applications: off-line order entry. [Retail marketing]. Richardson, D *J Food Distrib Res* 3 (1): 82-83. July 1972

062695 HD9000.A1J68
An overview of wholesaling research in transportation & facilities research division of ARS. [Agricultural Research Service]. Bouma, J C *J Food Distrib Res* 3 (1): 86-88. July 1972

062696 HD9000.A1J68
Management of routing & scheduling company trucks. [Food marketing]. Kriebel, W R *J Food Distrib Res* 3 (1): 89-91. July 1972

062697 HD9000.A1J68
Transportation logistics – inner city. [Food, marketing]. Anderson, D L *J Food Distrib Res* 3 (1): 92-93. July 1972

062698 HD9000.A1J68
Frozen lamb: consumer product characteristic ratings & repeat purchase behavior. Sporleder, T L *J Food Distrib Res* 3 (2): 10-15. Sept 1972

062699 HD9000.A1J68
Antitrust implications of contemporary food production & marketing issues. Knutson, R D *J Food Distrib Res* 3 (2): 16-21. Ref. Sept 1972

062700 HD9000.A1J68
An experiment in retail fresh seafood merchandising. Gillespie, S M *J Food Distrib Res* 3 (2): 22-26. Sept 1972

062701 HD9000.A1J68
Entrepreneurship in food industry, 1972 – 2000 A. D. Cain, J L *J Food Distrib Res* 3 (2): 27-29. Sept 1972

062702 HD9000.A1J68
A study of containers used for fresh meat. James, G *J Food Distrib Res* 3 (2): 30-32. Sept 1972

062703 HD9000.A1J68
Profitability of convenience market dairy departments. Toensmeyer, U C *J Food Distrib Res* 3 (2): 33-39. Sept 1972

062704 HD9000.A1J68
Personality of turnover. [Retain marketing, food]. Pearson, M M *J Food Distrib Res* 3 (2): 40-43. Sept 1972

062705 HD9000.A1J68
Optical scanner-friend or foe? [Retail marketing]. Sekely, W S *J Food Distrib Res* 3 (2): 44-47. Ref. Sept 1972

062706 HD9000.A1J68
Factors related to consumer loyalty for private food brands. Brown, J D *J Food Distrib Res* 3 (2): 48-54. Sept 1972

062707 44.8 J824
Food distribution in today's consumer climate. Couden, H N *J Milk Food Technol* 46 (4): 220-224. Apr 1973

062708 389.8 K13
Vegetable & fruit production in Thailand. (Jap) Chomchalow, N *Kanzume Jiho* 52 (3): 14-15. Mar 1973

062709 389.8 K13
Vegetable & fruit industries in Thailand. (Jap) Boonloog, N *Kanzume Jiho* 52 (3): 16-18. Mar 1973

062710 389.8 K13
Major fruit production in Philippines. (Jap) Carangal, V *Kanzume Jiho* 52 (3): 19-20, 239 Mar 1973

062711 389.8 K13
Vegetable industry in Philippines & otlook of its export market. (Jap) Morato, E *Kanzume Jiho* 52 (3): 21-23. Mar 1973

062712 389.8 K13
Production, processing & marketing of vegetables & fruits in Indonesia. (Jap) Haerah, A *Kanzume Jiho* 52 (3): 24-26. Mar 1973

062713 389.8 K13
Present status & development trends of vegetables & fruits in Indonesia. [Consumption, marketing]. (Jap) Jasni, Z *Kanzume Jiho* 52 (3): 27-28, 26. Mar 1973

062714 389.78 K85
Oilcake supply in German Federal Republic, 1971. (Ger) Beckmann, R *Kraftfutter* 55 (6): 322-326. June 1972

062715 389.78 K85
Are beef production & marketing methods used in United States transferable to West Germany? (Ger) Werner, K *Kraftfutter* 55 (8): 408, 410, 412, 414. Aug 1972

062716 HD1775.K4K4
Directory of grain handling firms in Kentucky. [Marketing]. Hall, H H *Ky Univ Coop Ext Serv Agric Econ Ext Inf Ser* 12, 35 P. Jan 1973

062717 HD107.L3
Agricultural development & Central American Common Market. Quiros-Guardia, R *Land Tenure Cent RP* 50, 61 P. Jan 1973

062718 44.8 M26
Are milk containers pleasing to consumer? [Packaging]. (Dan) Jensen, F G *Maelkeritidende* 86 (8): 243-246. Feb 23, 1973

062719 HD9428.A8M42
Modern meat marketing. [United States]. Lege, F M *Meat Ind Bull* 15 (11): 23, 31, 39. Nov 1972

062720 18 N39
High milk prices are certain. (Ger) Huber, A *Mitt Deut Landwirt-ges* 87 (47): 1198-1200. Nov 16, 1972

062721 44.8 M735
1972 year of increased trade in milk & dairy products. (Ger) Konig, *Molkzeitung Welt Milch* 27 (10): 291-292. Mar 9, 1973

062722 44.8 M735
Canadian Milk Industry Commission a model for state. (Ger) Barry, S C *Molkzeitung Welt Milch* 27 (11): 325-326. Mar 16, 1973

062723 44.8 M735
Consumer & commerce as factors of marketing. [Dairy industry]. (Ger) Haisch, K H *Molk-zeitung Welt Milch* 27 (8): 225-228. Feb 23, 1973

062724 100 N813B
Canadian grain standards & wheat export market. Maier, M *N Dak Farm Res* 30 (4): 42-43. Mar/Apr 1973

062725 HD1.N4
Analysis of consumption expenditure patterns in India. Desai, B M *N Y State Coll Agric Dep Agric Econ Occas Pap* 54, 34 P. Aug 1972

062726 20.5 N86
Development of milk production & purchasing in Lodz Province. (Pol) Dusinski, C *Nowe Roln* 22 (5): 14-15. Mar 1/15, 1973

062727 HD9016.T3N8
Production & marketing of Panax roots (ginseng) around world. (Chi) Wang, I *Nung Chan Sai Hsiao Shih Ch'ang (foreign Mark Inf Agric Pro D, Taiwan, The Repub China)* 185: 14-15. Mar 5, 1972

062728 HD9016.T3N8
Problems in exporting ornamental flowers. (Chi) Wu, H P *Nung Chan Sai Hsiao Shih Ch'ang (foreign Mark Inf Agric Pro D, Taiwan, The Repub China)* 191: 12. June 1972

062729 HD9016.T3N8
Resolving agricultural problems by maneuvering market & prices. [Taiwan]. (Chi) Chang, T H *Nung Chan Sai Hsiao Shih Ch'ang (foreign Mark Inf Agric Pro D, Taiwan, The Repub China)* 200: 7-8. Oct 20, 1972

062730 HD9016.T3N8
Tea market of United States. (Chi) Liang, C W *Nung Chan Sai Hsiao Shih Ch'ang (foreign Mark Inf Agric Pro D, Taiwan, The Repub China)* 202: 19-21. Nov 20, 1972

062731 HD9016.T3N8
Silkworm & silk. [Marketing, production]. (Chi) Cheng, S K *Nung Chan Sai Hsiao Shih Ch'ang (foreign Mark Inf Agric Pro D, Taiwan, The Repub China)* 207: 20-21. Feb 5, 1973

062732 HD9016.T3N8
Exports of agricultural products in United States. (Chi) Lin, C Y *Nung Chan Sai Hsiao Shih Ch'ang (foreign Mark Inf Agric Pro D, Taiwan, The Repub China)* 209: 8-10. Mar 5, 1973

062733 TX341.N825
Food shopping. Sainsbury, J D *Nutr Food Sci* 31: 22-24. Apr 1973

062734 100 OK4 (5)
Relationships among wheat prices paid to Oklahoma farmers at nine selected locations. Wegenhoft, K N *Okla Curr Farm Econ* 46 (1): 13-24. Map. Mar 1973

062735 100 OK4 (5)
Marketing of Canadian wheat: a description & a perfor mance comparison with United States. Jose, H D *Okla Curr Farm Econ* 46 (1): 3-12. Mar 1973

062736 275.249 F26
Beef: can supplies be increased by switching from milk production? *OECD Agric Rev* 19 (4): 111-114. 1972

062737 72.8 P172
Production, utilization & marketing of cotton in Pakistan. Abdullah, M *Pakistan Cottons* 17 (1): 1-15. Oct 1972

062738 47.9 P87
Determination of optimum organization and transport charges of eggs in Poznan province. (Pol) Furman, H *Postepy Drobiarstwa* 14 (3): 147-156. Map. Ref. Eng. Sum. 1972

062739 281.9 B87
Grain economy in Canada. [Foreign trade]. (Fre) Mordillat, P *Prod Agr Fr* 47 (121): 8-10. Dec 1972

062740 281.9 B87
Situation of dairy market cannot be improved without efficacious measures. (Fre) Jean, M *Prod Agr Fr* 49 (124): 41-42. Feb 2, 1972

062741 281.9 B87
Is agricultural commerce proceeding well? (Fre) Andrault, J P *Prod Agr Fr* 49 (125): 11. Mar 1973

062742 281.9 B87
Butter market crisis: Economic but also political reasons. (Fre) Grynspan, A *Prod Agr Fr* 49 (125): 30-31. Mar 1973

062743 281.9 B87
Burssel's propositions on price of meat for 1973-1974: Unacceptable. (Fre) Bruel, M *Prod Agr Fr* 49 (125): 9. Mar 1973

062744 6 P9452
Inflation & beef prices. Menzie, E L *Progr Agr Ariz* 24 (6): 11-13. Nov/Dec 1972

062745 49 P952
Poland's possibilities of breeding cattle exports. (Pol) Baranowski, J *Przegl Hodowlany* 40 (11): 12-13. June 1/15, 1972

062746 49 P952
Distribution of young cattle. (Pol) Charazinski, J *Przegl Hodowlany* 40 (11): 3-7. June 1/15, 1972

062747 49 P952
Current standards & conditions for purchasing slaughter livestock. (Pol) *Przegl Hodowlany* 40 (12): 5-16. June 16/30, 1972

062748 49 P952
Export of sheep. (Pol) Stanczuk, L *Przegl Hodowlany* 40 (13/14): 25-27. July 1/31, 1972

062749 49 P952
Requirements for purchasing & distribution of breeding pigs. (Pol) Charazinski, J *Przegl Hodowlany* 41 (18): 18-19. Sept 16/30, 1972

062750 49 P952
More on pig purchasing. (Rus) Kielichowski, J *Przegl Hodowlany* 41 (18): 19-20. Sept 16/30, 1972

062751 49 P952
Why force an open door? [Swine, transportation]. (Pol) Cedro, T *Przegl Hodowlany* 41 (19): 20-23. Oct 1/15, 1972

062752 49 P952
Contracting, purchasing, & distribution of sheep. (Pol) Charazinski, J *Przegl Hodowlany* 41 (19): 9-10. Oct 1/15, 1972

062753 298.8 P95
What were prices paid by state grain elevators & mills in first half of 1972? (Pol) Pol, R *Przegl Zbozowo Mlynarski* 16 (11): 9-10. Eng. Sum. Nov 1972

062754 298.8 P95
Return to own costs, or good & bad points of direct purchasing. [Grain]. (Pol) Solpa, J *Przegl Zbozowo Mlynarski* 16 (2): 12-13. Feb 1972

062755 TX341.Q5
Supermarkets lead rise in FF [frozen foods] sales as consumer attitudes change. Duriez, M M F *Qhick Frozen Foods Int* 14 (3): 150-152. Jan 1973

062756 TX341.Q5
Foreign firms intensify their efforts to penetrate German market. Muhlberger, O *Qhick Frozen Foods Int* 14 (3): 154-156. Jan 1973

062757 TX341.Q5
Growth uneven in West European catering but big gains are expected. Gordon, A *Qhick Frozen Foods Int* 14 (3): 78-79. Jan 1973

062758 TX341.Q5
Creative merchandising helps supermarkets increase frozen food sales. Musso, L A *Qhick Frozen Foods Int* 14 (3): 80-81. Jan 1973

062759 44.8 Q3
Marketing of dairy products in Quebec offers new possibilities. I. (Fre) McClelland, R *Quebec Lait Aliment* 32 (3): 12-15. Mar 1973

062760 23 Q33
Marketing dairy products. Berge, B A *Queensland Agr J* 99 (1): 45-51. Jan 1973

062761 S544.3.M6M6
Management & marketing alternatives of a cow-calf ranch. Brownson, R Agricultural Experiment Station *Res Rep Mont Agric Exp Stn Mont State Univ* 37: a.1-A.7. 1973

062762 281.9 SCO3S
Recent trends in production, sales, & prices of Scottish cereals. Ross, J A *Scot Dep Agr Fish Scot Agr Econ* 23: 207-216. 1973

062763 44.8 SO12
Retail packaging of liquid milk. [Great Britain]. Hall, H S *Soc Dairy Technol J* 26 (2): 94-99. Apr 1973

062764 HD1761.A1M5
State trading, agricultural marketing boards, & role of government in marketing. [Africa]. Dahl, R P *Staff Pap Ser Dep Agric Appl Econ Univ Minn Inst Agric* P72-23 21 P. Sept 1972

062765 HD1761.A1M5
Developing countries & United States agriculture. [Production, consumption trade]. Abel, M E *Staff Pap Ser Dep Agric Appl Econ Univ Minn Inst Agric* P72-25, 64 P. Ref. Oct 1972

062766 266.9 ST22
Purchase & sale prices in agriculture. (Ser) Draskovic, M *Statist Rev* 31 (1/2): 118-124. Eng. Sum. 1971 (Pub. 1972)

062767 S19.T3
Role of agricultural trade during economic development process in Taiwan. (Chi) Li, S M *Taiwan Agr Quart* 8 (4): 81-85. Dec 1972

062768 49 T443
21St central sales event performance-tested Merino mutton sheep rams from German Democratic Republic breeding centres. (Ger) Konig, K H *Tierzucht* 26 (12): 476-477. Dec 1972

062769 49 T445
Market for slaughter cattle & meat in German Federal Republic. (Ger) Probst, F W *Tierzuchter* 24 (24): 706-707. Dec 20, 1972

062770 49 T445
Milk market in german Federal Republic. (Ger) Metzdorf, H J *Tierzuchter* 24 (24): 708. Dec 20, 1972

062771 49 T445
Market for poultry industry products in German Federal Republic. (Ger) Kersten, L *Tierzuchter* 24 (24): 709-710. Dec 20, 1972

062772 26 T756
Incaparina: market development of a protein food. Shaw, R L *Trop Sci* 14 (4): 347-371. Ref. 1972

062773 A281.9 AG8A
Potential for oilseed sunflowers in United States. [Market potential, production economics]. Trotter, W K *U S D A Agr Econ Rep* 237, 55 P. Ref. Feb 1973

062774 A281.9 AG8F
France's institutional food market-developments & prospects for U.S. Exports. *U S D A Foreign Agr Econ Rep* 87, 42 P. Ref. Mar 1973

062775 1 AG84MR
Milk sales in food stores: pricing & other merchandising practices. Jones, W W *U S D A Mkt Res Rep* 983, 28 P. Jan 1973

062776 1 AG84ST
Poultry market statistics, 1972; annual summary. *U S D A Statist Bull* 514, 54 P. Mar 1973

062777 A280.29 F22I
Foreign trade of cooperatives; statistical supplement. Bradford, H W *U S Farmer Coop Serv Inform* 88-S, 79 P. Feb 1973

062778 1.943 F766
World exports of oilseeds, fats, & oils to increase by record volume in 1972. *U S Foreign Agr Serv Foreign Agr Circ FFo* 22-72, 44 P. Oct 1972

062779 80 V662
Prices & fruit size. Dillon, W J *Victorian Hort Dig* 16 6(2): 6-7. Summer 1972

062780 TP544.V5
Dear & old profession of exporter. [Alcoholic beverages]. (Fre) Cointreau, M *Vins Cidres Spiritueux Liqueurs Fr* 140: 37-40. Jan 1973

062781 S13.V9
Contribution to correlations between chemical composition & morphological characteristics of sainfoin (Onobrychis Adans.). (Slo) Uzik, M *Vysk Ustav Rast Vyroby Ved Pr* 10: 27-36. Ref. Eng. Sum. 1972

062782 100 W52 (1)
A least-cost model for marketing fresh apples in United States. Brain, K *W Va Agr Exp Sta Bull* 619, 32 P. Map. Mar 1973

062783 95.8 C122
An economist looks at raisin & fresh grape market. Moulton, K S *Wines Vines* 54 (4): 52-54. 1973

062784 281.8 Z32
Marketing & agricultural development. (Ger) Lorenzl, G *Z Auslandische Landwirt* 11 (3/4): 211-222. Ref. Eng. Sum. July/Dec 1972

062785 281.8 Z32
Sytem theory, simulation & planning of market development. Critical remarks on market research project of Latin American Market Planning Center of Michigan State University (MSU). (Ger) Gsanger, H G *Z Auslandische Landwirt* 11 (3/4): 223-241. Ref. Eng. Sum. July/-Dec 1972

062786 281.8 Z32
System approach & agricultural marketing in developing countries. (Ger) Mai, D *Z Auslandische Landwirt* 11 (3/4): 242-258. Ref. Eng. Sum. July/Dec 1972

062787 281.8 Z32
Evaluation of agricultural marketing systems in developing countries. (Ger) Schubert, B *Z Auslandische Landwirt* 11 (3/4): 259-273. Ref. Eng. Sum. July/Dec 1972

062788 281.8 Z32
Marketing & processing problems in cottonseed & cottonseed oil sector in Tanzania. Barket, E *Z Auslandische Landwirt* 11 (3/4): 301-317. July/Dec 1972

062789 281.8 Z32
On urban milk supply in developing countries. (Ger) Bauer, H *Z Auslandische Landwirt* 11 (3/4): 318-334. Ref. Eng. Sum. July/Dec 1972

062790 281.8 Z32
Fish marketing systems & their development: a cross-couuntry comparison. Ruckes, E *Z Auslandische Landwirt* 11 (3/4): 335-359. July/Dec 1972

062791 281.8 Z32
Commodity sales across national frontiers: a case study. [Agricultural products]. Chipeta, W *Z Auslandische Landwirt* 11 (3/4): 353-359. July/Dec 1972

062792 281.8 Z32
Bibliography on 'Agricultural marketing in developing countries. 1. Lorenzl, G *Z Auslandische Landwirt* 11 (3/4): 360-368. Ref. July/Dec 1972

STATISTICAL DATA AND METHODOLOGY

062793 286.8 Z3
New orientation in business policy of milk handling cooperatives. (Ger) Rosskamp, R *Z Gesamte Genossenschaftswesen* 22 (4): 356-366. Eng. Sum. Fourth Quarter 1972

062794 280.8 AG82
Agriculture in Yugoslavia. [Statistics]. (Ger) Scheiber, E *Agr Rundsch* 6: 23-25. Dec 1972

062795 1 EC7AG
SRS: [Statistical Reporting Service]: keeping score for farmer. *Agr Situation (Washington)* 57 (4): 2-3. May 1973

062796 1 EC7AG
Coffee count in Caribbean. [Census, Dominican Republic]. *Agr Situation (Washington)* 57 (4): 8-9. May 1973

062797 TP559.G3A5
Statisctisc of wine stocks & storage capacity. (Ger) Schubring, W *Allg Dtsch Weinfachztg* 109 79): 231-233. Mar 2, 1973

062798 281.9 IL62
Landlord & tenant shares, 1971. [Statistics]. Reiss, F J *AErr (agr Econ Res Rep) Ill Univ Dep Agr Econ Agr Exp Sta* 120, 67 P. Nov 1972

062799 281.8 B462
Contribution of forage plants. XXV. Forage beets. XXVI. Rutabagas & comparison of yields of various forage plants. (Ger) Klusmann, D W *Betriebswirtsch Mitt Wirtschaftsberater* 215: 37-45. Feb 1973

062800 442.8 B5263
Evolutionary ecology of plants: a review. III. Ecological genetics & life history. Willson, M F *Biologist* 55 (1): 1-12. Ref. Feb 1973

062801 HD1940.C95A1
Determination & analysis of a two-factor production function in agricultual production in a set of Unified Agricultural Cooperatives in brno-venkov district. (Cze) Dufek, J *Brno Vysoka Sk Zemedel Sb Rada D Spisy Fak Provozne Ekon* 8 (1): 73-83. Eng. Sum. 1972

062802 S237.I5
Agricultural statistics, 1973. I. (Fre) *Bruxelles* 49 P. 1973

062803 S537.I5
Agricultural statistics, 1973. II. (Fre) *Bruxelles* 133 P. 1973

062804 S117.Z2A3
1971 texas fruit & pecan statistics. *Bull Tex Crop Livest Rep Serv* 85, 26 P. Map. Feb 1972

062805 S117.Z2A3
1971 texas dairy statistics. *Bull Tex Crop Livest Rep Serv* 87, 20 P. Map. Apr 1972

062806 S117.Z2A3
1971 texas field crop statistics. *Bull Tex Crop Livest Rep Serv* 88, 84 P. Map. Apr 1972

062807 S117.Z2A3
1971 texas livestock statistics. *Bull Tex Crop Livest Rep Serv* 89, 71 P. May 1972

062808 S117.Z2A3
1971 texas cash receipts statistics. *Bull Tex Crop Livest Rep Serv* 90, 32 P. Aug 1970

062809 S117.Z2A3
1971 texas cotton statistics. *Bull Tex Crop Livest Rep Serv* 91, 33 P. Map. June 1972

062810 S117.Z2A3
1971 texas County statistics. *Bull Tex Crop Livest Rep Serv* 92, 508 P. Aug 1972

062811 S117.Z2A3
Texas prices received & paid by farmers. [Statistics]. *Bull Tex Crop Livest Rep Serv* 93, 35 P. Sept 1972

062812 S117.Z2A3
1972 texas small grains statistics. *Bull Tex Crop Livest Rep Serv* 94, 43 P. Oct 1972

062813 275.29 C12LEA
Commercial crops in California. [Census]. Parsons, P S *Calif Univ Ext Leafl* 198 (Rev), 10 P. Jan 1973

062814 49 C29
Texas cattle economics. [Inventories]. Williams, W F *Cattleman* 49 (11): 154-155. Apr 1973

062815 49 C29
Balance sheet. Vacek, E *Cattleman* 49 (11): 34, 80, 82. Apr 1973

062816 A281.9 F76FO
World's top poultry producers score another record output. Bowser, W C *Foreign Agr* 11 (17): 5-6. Apr 23, 1973

062817 HD2042.A1I4
Constructing & analyzing tri-factorial correlation model of mean yields of cotton on agricultural cooperatives in Starozagorski District. [Bulgaria]. (Bul) Kirev, P *Ikon Sel Stop* 9 (2): 3-23. 1972

062818 389.8 K832
Statistical data of fruit, vegetable, & berry processing industry in Finland. (Ger) Konttinen, J *Indus Obst& Gemueseverwert* 57 (20): 574-575. Oct 19, 1972

062819 389.8 K13
Pineapples. [Production, processing]. (Jap) Takahashi, K *Kanzume Jiho* 52 (3): 34-38. Mar 1973

062820 75.8 K145
35 Years of German plant production. V. Adjusting plant production to marketing reality of potato cultivated for consumption. (Ger) Hunnius, W *Kartoffelbau* 23 (12): 292-293. Dec 1972

062821 280.3939 N483
Survey of wineries & grape processing plants, New York 1972. *N Y Crop Rep Serv AMa Release* 133, 7 P. Jan 1973

062822 HD9016.T3N8
Production of canned food in Japan. (Chi) Liang, C W *Nung Chan Sai Hsiao Shih Ch'ang (foreign Mark Inf Agric Pro D, Taiwan, The Repub China)* 197: 19-20. Sept 1972

062823 6 P9452
Arizona's vegetable & melon industry: an overview. Cable, C C *Progr Agr Ariz* 24 (6): 3-5, 14. Nov/Dec 1972

062824 281.9 SCO3S
Reduction in number of egg producers. Dunn, J M *Scot Dep Agr Fish Scot Agr Econ* 23: 222-225. 1973

062825 281.9 SCO3S
Scottish agriculture – output & expenditure. *Scot Dep Agr Fish Scot Agr Econ* 23: 259-270. 1973

062826 11 SW3ME
Statistical accounting of Swedish agriculture for 1970 crop year. (Swe) *Swed Lantbrukstyr Medd Ser B* 96, 109 P., Map. Eng. Sum. 1973

062827 aTX360.U5A5
Food consumption of households in North Central Region; seasons & year 1965 – 66. *U S Agr Res Serv Household Food Consumption Surv 1965-66 Rep* 215 P. Map. Sept 1972

062828 1.942 D22F22
Milk: production, disposition, & income, 1970 – 72. *U S Crop Rep Bd Da* 1/2, 18 P. Apr 1973

062829 A281.9 AG8A
Hired farm working force of 1972; a statistical report. McElroy, R C *U S D A Agr Econ Rep* 239, 31 P. Mar 1973

062830 1 AG84ST
Poverty dimensions of rural-to-urban migration: a statistical report. Population-migration reports, rural-urban migrants. I. 1. Bowles, G K *U S D A Statist Bull* 511, 335 P. Ref. Mar 1973

062831 1 AG84ST
Poultry market statistics, 1972; annual summary. *U S D A Statist Bull* 514, 54 P. Mar 1973

062832 1.943 F766
World exports of oilseeds, fats, & oils to increase by record volume in 1972. *U S Foreign Agr Serv Foreign Agr Circ FFo* 22-72, 44 P. Oct 1972

062833 20 V82
Multifactorial dispersion analysis of statistical groupings. [Agricultural economics]. (Ukr) Trofmov, V P *Visnyk Sil's'kohospodar Nauk* 1: 1-9. Jan 1973

062834 95.8 C122
Statistical survey of 1972. [Wine industry]. *Wines Vines* 54 (4): 28-30, 32, 34, 36, 38, 40, 44, 46, 48-51. 1973

OUTLOOK, POLICIES, PROGRAMS, AND LEGISLATION

062835 280.8 AG82
Agricultural policy & advisory service in agriculture. [Austria]. (Ger) Poschacher, G *Agr Rundsch* 3: 1-3. June 1972

062836 280.8 AG82
Simplified agricultural policy. [Austria]. (Ger) Pevetz, W *Agr Rundsch* 3: 18-19. June 1972

062837 280.8 AG82
Decisions of importance on mutual agricultural policy in European Economic Community. (Ger) Strasser, R *Agr Rundsch* 3: 24-26. June 1972

062838 280.8 AG82
Direction of agricultural policy of European Economic Community. (Ger) Lotz, K M *Agr Rundsch* 3: 31-35. June 1972

062839 280.8 AG82
Development of agricultural production in Hungary & Czechoslovakia. (Ger) Champeau, H C *Agr Rundsch* 4: 20-22. Aug 1972

062840 280.8 AG82
Structural changes in Austrian poultry industry. (Ger) Wimmer, H *Agr Rundsch* 4: 22-24. Aug 1972

062841 280.8 AG82
Goals of agrarian policy. [Austria]. (Ger) Fux, F *Agr Rundsch* 4: 29-30. Aug 1972

062842 280.8 AG82
Development of Austrian agriculture 1971-1972. (Ger) Schneider, M *Agr Rundsch* 4: 31. Aug 1972

062843 280.8 AG82
Equal outlook for agriculture & food industry through partnership encouraged by state. [Austria]. (Ger) Harmer, R *Agr Rundsch* 6: 22-23. Dec 1972

062844 280.8 AG82
Austrian milling industry from point of view of agriculture. (Ger) Engleitner, K *Agr Rundsch* 6: 4-7. Dec 1972

062845 280.8 AG82
Transformation process in Austrian meat industry. (Ger) Schindl, W *Agr Rundsch* 6: 9-12. Dec 1972

062846 281.8 AG826
Costs & benefits of subsidizing agriculture. (Ger) Henze, A *Agrarwirtschaft* 21 (11): 384-391. Ref. Eng. Sum. Nov 1972

062847 281.8 AG826
Analysing intrasectoral income to provide an information basis for agricultural policy. (Ger) Kohne, M *Agrarwirtschaft* 21 (3): 88-95. Ref. Eng. Sum. Mar 1973

062848 281.8 AG826
Planning, execution & supervision of coordinated macro-, microand structural controls in agriculture. [Policy]. (Ger) Schmitt, G *Agrarwirtschaft* 21 (3): 95-107. Ref. Eng. Sum. Mar 1973

062849 14 AG823
Evolution of agricultural development. (Fre) Caffarelli, M de *Agric Rev Men Tech Econ* 362: 36-43. Feb 1973

062850 14 AG823
First world agro-food firms. (Fre) Rastoin, J L *Agric Rev Men Tech Econ* 362: 53-55. Feb 1973

062851 14 AG823
Long-term future of agriculture. (Fre) Klatzmann, M J *Agric Rev Men Tech Econ* 363: 68-70. Mar 1973

062852 80 C733
California's dynamic tomato industry. 1. Today. Hayes, J *Amer Veg Grower* 21 (4): 24, 26. Apr 1973

062853 47.8 AV522
Government is searching for solutions to achieve balance in poultry production. [Brazil]. (Por) *Avic Brasil* 9 (104): 48-49. Aug 1972

062854 9.2 C34
Prevision of production of chickens from hatching & eggs laid. (Por) Netto, J A C *Avic Ind* 63 (756): 64-65, 67-68. Dec 1972

062855 281.8 B462
Socialpolitical aid by Agricultural Fund for Aged after latest legislation. (Ger) Steckel, K D *Betriebswirtsch Mitt Wirtschaftsberater* 215: 9-20. Feb 1973

062856 43.9 B775
Milk industry & E.E.C. [European Economic Community]. Williams, R E *Brit Cattle Breeders Club Dig* 28: 5-8. 1973

062857 43.9 B775
Cattle products & composition. [Food supply, population]. Moir, R J *Brit Cattle Breeders Club Dig* 28: 65-68. 1973

062858 60.19 B773
Milk & meat in seventies. Smith, W R *Brit Grassland Soc J* 28 (1): 1-5. Mar 1973

062859 59.8 B872
Particular problems of rice in enlarged European Economic Community. (Fre) Roland-Gosselin, Y *Bull Inform Rizicult France* 143: 9-19. Nov/Dec 1972

062860 14 P215BC
Rnage of recent measures on policy of animal husbandry (beef & dairy). (Fre) Rouy, M *C R Seances Acad Agric Fr* 14: 1137-1146. 1972

062861 100 C12S (2)
Sugar beet industry in California. Hills, F J *Calif Agr Exp Sta Circ* 562, 15 P., Map. Mar 1973

062862 80 C125
Outlook for fruit. Summers, L V *Calif Citrogr* 58 (6): 215-217. Apr 1973

062863 281.9 C1642A
Developments in Canadian agriculture. Shelan, E F *Can Dep Agr Agr Abroad* 28 (1): 1-5. Feb 1973

062864 281.9 C1642A
United States. [Agricultural programs]. Benoit, G F *Can Dep Agr Agr Abroad* 28 (1): 17-20. Feb 1973

062865 321.8 C162
Is there really a need for textile flammability legislation. Crown, E M *Can Home Econ J* 23 (2): 33-39. Ref. Apr 1973

062866 464.8 D36
Revision of law on homologation of pesticide products for agricultural use. (Fre) Bailly, R *Def Veg* 27 (159): 42-46. Jan/-Feb 1973

062867 HD1790.5.A1D4
Planning land reform on national level; alternatives & strategies of an action plan & programming. (Spa) Vigues Roig, E *Desarrollo Rural Amer* 4 (1): 44-60. Eng. Sum. Jan/Apr 1972

062868 389.8 D482
Food legislation today. (Ger) Eckert, D *Deut Lebensmittel-rundsch* 69 (1): 25-28. Jan 1973

062869 389.8 D482
Collision between standardization laws & food legislation. (Ger) Peters, J *Deut Lebensmittel-rundsch* 69 (1): 29-32. Jan 1973

062870 44.8 SU2
What is irrational in today's agricultural policy? (Ger) Niederreuther, T *Deut Molk-zeitung* 94 (16): 608-609. Apr 19, 1973

062871 44.8 SU2
Dairy industry in Japan. (Ger) Malich, S *Deut Molk-zeitung* 94 (4): 109-110, 112. Jan 25, 1973

062872 281.8 SO73
Agriculture in decisive year of Five-Year-Plan. (Rus) Gusev, N *Ekon Sel Khoz* 2: 7-16. Feb 1973

062873 49 B462
Animal husbandry for nine countries: A part to play. [European Economic Community]. (Fre) Rouy, H *Elevage* 16: 35, 37, 39, 41. Mar 1973

062874 TD172.E48
Federal regulation of strip mining. [Soils]. Larsen, T A *Environ Aff* 2 (3): 533-561. Ref. Winter 1972

062875 HD1775.O3A3
Is U.D.I.A. [United Diary Industry Association] an improvement over old way? Poling, E *ESM Coop Ext Serv Ohio State Univ* 487: 1-5. Mar 1973

062876 HD1775.O3A3
Coping with rump groups & non-members. [Dairy industry]. Osborne, W T *ESM Coop Ext Serv Ohio State Univ* 487: 11-13. Mar 1973

062877 HD1775.O3A3
Prospects for legislation to advance collective farmer bargaining. Henderson, D R *ESM Coop Ext Serv Ohio State Univ* 487: 14-23. Mar 1973

062878 HD1775.O3A3
Adjustments needed in N.M.P.F. [National Milk Producers Federation] supply management proposed program. Brewer, R *ESM Coop Ext Serv Ohio State Univ* 487: 30-32. Mar 1973

062879 HD1775.O3A3
Court scene in farm bargaining & farmer cooperatives. Wagner, G *ESM Coop Ext Serv Ohio State Univ* 487: 6-10. Mar 1973

062880 23 F2223
Intensive farming – a solution for India's food problem. Tewari, S C *Farming* 13 (10): 9-12. Aug 1972

062881 18 W763
Guidance of socialist emulation in fodder production by Agriculture & Food Council of Havelberg District. (Ger) Drebber, L *Feldwirtschaft* 13 (11): 489-490. Nov 1972

062882 57.8 F4123
National demonstrations – concepts & achievements. [Agriculture, India]. Kanwar, J S *Fert News* 18 (2): 37-42, 47. Feb 1973

062883 HD9155.A1F5
Japanese wool textile industry. A review of consumption & production trends 1960 to 1971. Smallhorn, P J *Fibre Rev* P. 41-63. 1971/72

062884 HD9155.A1F5
Sheep & wool industry of Argentina. Lambert, D F *Fibre Rev* P. 64-84. Map. 1971/72

062885 aTX341.F615
Walker county builds its food distribution program. Gregory, T A *Food Nutr* 3 (2): 10-11. Apr 1973

062886 aTX341.F615
Grocers help with food stamp outreach. *Food Nutr* 3 (2): 12. Apr 1973

062887 80 F9493
Legal stipulatins concerning fruit packaging. (Fre) Verlinden, J *Fruit Belg* 41 (361): 5-7. Jan/Mar 1973

062888 80 G1948
Recommendations derived from the 2nd techno-scientific meeting on the socialist intensification of field vegetable production. (Ger) Vogel, G *Gartenbau* 19 (11): 245-247. Nov 1972

062889 80 G1948
Closer alliance between science & production for fulfilment of tasks set by XIth Farmers Congress of German Democratic Republic. (Ger) Vogel, G *Gartenbau* 19 (7): 145-146. July 1972

062890 24 G252
Legal regulation of work accidents in agriculture. (Por) Valente, A *Gaz Agr Angola* 17 (11): 861-862. Nov 1972

062891 15.5 G76
For a prospective vision of agricultural law in Portugal. (Por) Mota, M *Granja (Lisboa)* 31 (1/4): 10-25. Jan/Dec 1972

062892 S19.G74
Poultry development prospects & programmes. Pande, J N *Green Revolution* P. 101-102, 104. 1972

062893 S19.G74
Small farmers problems, programmes. [India]. Venkatappia, B *Green Revolution* P. 135-138. 1972

062894 S19.G74
Towards welfare of weak. [Rural development, India]. Ahmed, F A *Green Revolution* P. 14-16. 1972

062895 S19.G74
Delhi: towards a better tomorrow. [Rural development]. Raman, R *Green Revolution* P. 143-144, 146. 1972

062896 S19.G74
Himiachal Pradesh, phenominal agricultural progress. Jogi, B S *Green Revolution* P. 155-158. 1972

062897 S19.G74
Haryana, scarity & shortages: a thing of past. [Agriculture]. Lal, B *Green Revolution* P. 162-164. 1972

062898 S19.G74
New vista for Indian agriculture. Bhatia, V S *Green Revolution* P. 22-24. 1972

062899 S19.G74
Green revolution: problems in wake of new system. [India]. Kanwar, J S *Green Revolution* P. 27-28, 30-31. 1972

062900 S19.G74
Strategy for agriculture development in 'seventies'. [India]. Sen, S R *Green Revolution* P. 32-40. 1972

062901 S19.G74
Role of agriculture in India's economic development. Sivasailam, A *Green Revolution* P. 41-43. 1972

062902 S19.G74
Green revolution. [India]. Singh, D P *Green Revolution* P. 9-12. 1972

062903 S19.G74
Scope in seventies dairy development. Dustur, N N *Green Revolution* P. 96-100. 1972

062904 389.9 IM7
Recent situation on the demand and supply of wheat in Japan and government plans of dealing with it for the fiscal year of 1973. (Jap) Arai, B *Ho Yungu Shokuryo Kyogiakai (grain Importers Assoc J)* 294: 1-11. Mar 1973

062905 SB1.H6
Apple industry in Japan. Mink, G I *Hortscience* 8 (2): 81-86. Apr 1973

062906 HD9410.C4
Government participation in livestock marketing programmes: situation report on Pakistan. Chaudhri, A M *In Central Treaty Organization. CENTO Workshops on Mark Eting of Livestock and their Products* P. 50-75. 1971

062907 HD9410.C4
Government participation in livestock marketing programmes. Oberst, H C *In Central Treaty Organization. CENTO Workshops on Mark Eting of Livestock and their Products* P. 44-49. 1971

062908 S942.G5
Preserving wilderness through state legislation. Cutler, M R *In Gillette, Elizabeth R. Action for Wilderness* 7: 104-112. 1972

062909 S942.G5
Preserving wilderness through state legislation as a legislator sees it. Hatch, F W *In Gillette, Elizabeth R. Action for Wilderness* 7: 113-122. 1972

062910 S942.G5
What Wilderness Act means. McCloskey, M *In Gillette, Elizabeth R. Action for Wilderness* 7: 14-21. 1972

062911 S942.G5
Is Wilderness Act working? McCloskey, M *In Gillette, Elizabeth R. Action for Wilderness* 7: 22-28. 1972

062912 TS195.6.S4 1971
FTC's [Federal Trade Commission] activities under FPLA. [Fair Packaging & Labeling Act, food]. Lloyd, R J *In Seminar on Packaging Legislation and Regulations; Curre Nt Status and Future Prospects, Burlingame and Los Angeles* P. 21-27. Feb 1972

062913 TS195.6.S4 1971
FPLA [Fair Packaging & Labeling Act] today? [Food]. Gomilla, J *In Seminar on Packaging Legislation and Regulations; Curre Nt Status and Future Prospects, Burlingame and Los Angeles* P. 13-19. Feb 1972

062914 TS195.6.S4 1971
California supplements national program. [Food, packaging, labeling]. Wixom, H *In Seminar on Packaging Legislation and Regulations; Curre Nt Status and Future Prospects, Burlingame and Los Angeles* P. 37-40. Feb 1972

062915 TS195.6.S4 1971
FPLA [Fair Packaging & Labeling Act] – expectation & reality. [Food]. Vadelund, E A *In Seminar on Packaging Legislation and Regulations; Curre Nt Status and Future Prospects, Burlingame and Los Angeles* P. 29-32. Feb 1972

062916 TS195.6.S4 1971
After FPLA [Fair Packaging & Labeling Act], what next? [Food]. Wodicka, V O *In Seminar on Packaging Legislation and Regulations; Curre Nt Status and Future Prospects, Burlingame and Los Angeles* P. 1-11. Feb 1972

062917 TS195.6.S4 1971
An update on product safety legislation. [Food]. Miller, D C *In Seminar on Packaging Legislation and Regulations; Curre Nt Status and Future Prospects, Burlingame and Los Angeles* P. 55-62. Feb 1972

062918 TS195.6.S4 1971
Labeling & packaging meat & poultry products – federal laws & regulations. deHoll, J C *In Seminar on Packaging Legislation and Regulations; Curre Nt Status and Future Prospects, Burlingame and Los Angeles* P. 33-35. Feb 1972

062919 HC502.S585
Role of planning in development of agriculture & industry in west African countries. (Rus) Iodkunas, R I *In Sovremennye Problemy Razvitiia i Razmeshcheniia Proizvod Itel'nykh Sil v Afrike* P. 381-388. Ref. 1971

062920 HD2065.6.A8
Organizational aspects of agricultural policy. (Ger) Abawi, M Y *In Steigerung der Landwirtschaftlichen Produktion und ihr E Weiterverarbeitung in Afghanistan* 6: 68-69. 1972

062921 HD2065.6.A8
Paktia – a model of applied agricultural development policy in Afghanistan. (Ger) Lampe, K J *In Steigerung der Landwirtschaftlichen Produktion und ihr E Weiterverarbeitung in Afghanistan* 6: 70-78. Map. 1972

062922 HD2065.6.A8
Agricultural policy of Afghanistan – fundamantals, tasks, problems. (Ger) Kraus, W *In Steigerung der Landwirtschaftlichen Produktion und ihr E Weiterverarbeitung in Afghanistan* 6: 132-140. 1972

062923 HD2065.6.A8
Agricultural development policy as shown by Five-Years Plans & their accomplishments. (Ger) Hendrikson, K H *In Steigerung der Landwirtschaftlichen Produktion und ihr E Weiterverarbeitung in Afghanistan* 6: 57-67. 1972

062924 HD2065.6.A8
State & development of agricultural production in Afghanistan. (Ger) Ringer, K *In Steigerung der Landwirtschaftlichen Produktion und ihr E Weiterverarbeitung in Afghanistan* 6: 1-18. 1972

062925 HD2065.6.A8
Areas of agricultural production in Afghanistan & natural spacial possibilities of their extension. (Ger) Jentsch, C *In Steigerung der Landwirtschaftlichen Produktion und ihr E Weiterverarbeitung in Afghanistan* 6: 79-90. Ref. 1972

062926 SB112.V6
Basic trends in development of agriculture along middle & lower Volga regions. (Rus) Aleksandrov, N P *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 19-24. 1972

062927 SB112.V6
Tasks of agriculture in Volga region & development of irrigated farming. (Rus) Florent'ev, L IA *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 9-18. 1972

062928 SB112.V6
Development of scientific research & extensive use of scientific achievements & progressive experience-important conditions for a stable, highly produc (Rus) Lobanov, P P *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 24-34. 1972

062929 SB112.V6
Prospects & problems in development of agriculture in Volga-Akhtuba floodplain. (Rus) Semenov, G N *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 392-396. 1972

062930 65.8 IN26
Sugar: stepping up production. Pillai, P M *Indian Sugar (calcutta)* 22 (10): 765-767. Jan 1973

062931 HD1945.A1I5
Programs for rural renovation in 1973. (Fre) Remy, P *Inform Agr (paris)* 434: 33-34. Mar 1973

062932 HD1945.A1I5
Departmental program of agricultural development. (Fre) Lamotte, R de *Inform Agr (paris)* 434: 50. Mar 1973

062933 HD1945.A1I5
Farmers & politics. (Fre) Clerc, F *Inform Agr (paris)* 434: 9-12. Mar 1973

062934 283.8 IN8
World Food Programme & employment: ten years of multilateral food aid for development. Costa, E *Int Labour Rev* 107 (3): 209-221. Mar 1973

062935 20 M57AG
Forecasting development of cattle production. (Ger) Palagatschev, N *Int Z Landwirt* 1: 28-30. 1973

062936 20 M57AG
Intensification of agriculture & plant protection. (Ger) Nagy, B *Int Z Landwirt* 5: 534-539. 1972

062937 S19.J62
Potential of agricultural production in Shadab Pilot Project. Saleem, M T *J Agric Res* 10 (3): 223-227, 229. Sept 1972

062938 HD9000.A1J68
Ecology & USDA [U.S. Dept. of Agriculture] program. Hubbard, D D *J Food Distrib Res* 3 (1): 58-61. July 1972

062939 56.8 J822
Future allocation of land & water: implications for agricultural & water policies. Madsen, H C *J Soil Water Conserv* 28 (2): 52-60. Ref. Mar/Apr 1973

062940 56.8 J822
Environmentalizing agricultural production control policies. Seitz, W D *J Soil Water Conserv* 28 (2): 61-64. Ref. Mar/Azr 1973

062941 280.9 K848
Effect of high price policy for rice on agricultural product ion. (Kor) Park, S *Korea Supreme Counc Nat Reconstr Supreme Counc Rev* 126: 26-28. Sept 1972

062942 HD1401.K4
Inter-area shifts in burley tobacco allotments, 1950-71. Shuffett, D M *Ky Agric Exp Stn Dep Agric Econ Res Rep* 14, 31 P., Map. Feb 1973

062943 HD1775.K4K4
Production & feed grain utilization balances in Kentucky by substate areas (1953-1970 & projection to 1980). Browning, W *Ky Univ Coop Ext Serv Agric Econ Ext Inf Ser* 10, 42 P. Map. Nov 1972

062944 43.8 B392
Barren outlook for CAP. [Common Agricultural Policy]. Easterbrook, J *Livest Farming* 10 (4): 4-5. Apr 1973

062945 44.8 M26
Economic democracy & its significance to dairy industry. (Dan) Nielsen, H H *Maelkeritidende* 86 (9): 265-277. Mar 2, 1973

062946 S11.O78
A new voice for state support of agriculture. (Swe) Ohlsson, B *Medlemsbl Ostergotlands Lans Hushallningssallsk* 5 (3): 38-39. 1972

062947 S11.O78
Is government making most of support for milk producers? (Swe) Nilsson, B *Medlemsbl Ostergotlands Lans Hushallningssallsk* 5 (4): 25-27. 1972

062948 44.8 M47
Norwegian dairy industry in 1972. (Nor) Slagsvold, P *Meieriposten* 62 (1): 1-6. Jan 6, 1973

062949 44.8 M47
State of milk production as it pertains to international & national plan. (Nor) Borgens, H *Meieriposten* 62 (14): 264-273. Apr 7, 1973

062950 20 M57
Socialist economic integration & outlook for development of agriculture in Mongolian People's Republic. (Rus) Dashdondov, Kh *Mezhdunar Sel'skokhoz Zh* 2: 12-15. 1973

062951 20 M57
On gradual approach & equalizing of level of agricultural development of member countries of Council for Mutual Economic Assistance. (Rus) Ivanov, N *Mezhdunar Sel'skokhoz Zh* 2: 5-11. 1973

062952 284.9 M58
Economic prospects of Michigan farmers. Wright, K T *Mich Agr Exp Sta Res Rep* 181, 19 P. Ref. Dec 1972

062953 284.9 M58
Michigan dairy industry of 1985. Boyd, L J *Mich Agr Exp Sta Res Rep* 183, 14 P. Map. Dec 1972

062954 284.9 M58
Michigan's livestock industry of 1985. *Mich Agr Exp Sta Res Rep* 184, 22 P. Jan 1973

062955 284.9 M58
Michigan swine industry now & in 1985. Miller, E C *Mich Agr Exp Sta Res Rep* 184: 13-19. Jan 1973

062956 284.9 M58
Michigan's beef cattle industry now & in 1985. Henderson, H E *Mich Agr Exp Sta Res Rep* 184: 3-13. Jan 1973

062957 284.9 M58
Eggs & poultry & fur bearing industries in 1985. *Mich Agr Exp Sta Res Rep* 186, 11 P. Feb 1973

062958 284.9 M58
Michigan's egg & poultry industry – now & in 1985. Sheppard, C C *Mich Agr Exp Sta Res Rep* 186: 3-7. Feb 1973

062959 284.9 M58
Michigan vegetable industry. [Outlook]. Cooper, C *Mich Agr Exp Sta Res Rep* 188: 16-23. Feb 1973

062960 284.9 M58
Michigan fruit industry. [Outlook]. Hull, J *Mich Agr Exp Sta Res Rep* 188: 3-16. Feb 1973

062961 284.9 M58
Nursery & floriculture industries in 1985. *Mich Agr Exp Sta Res Rep* 189, 8 P. Feb 1973

062962 284.9 M58
Michigan's nursery industry – now & in 1985. Davidson, H *Mich Agr Exp Sta Res Rep* 189: 3-5. Feb 1973

062963 284.9 M58
Michigan floriculture industry – now & in 1985. Carlson, W H *Mich Agr Exp Sta Res Rep* 189: 6-8. Feb 1973

062964 81 M58
Legislative outlook for agricultural labor in 1973. Phelan, J D *Mich State Hort Soc Annu Rep* 102Nd: 26-34. 1973

062965 275.29 M58A
Who will control U.S. Agriculture? Kyle, L R *Mich State Univ Ext Mich Farm Econ* 362, 4 P. Mar 1973

062966 284.8 M58
Michigan's fur bearing animal industry – now & in 1985. Aulerich, R J *Midland Bank Rev* 186: 7-11. Feb 1973

062967 18 N39
1972 Grain harvest in Soviet Union far under plan objective!. (Ger) Pospelowa, G *Mitt Deut Landwirt-ges* 87 (51): 1295-1297. Dec 14, 1972

062968 18 N39
Situation of agriculture. (Ger) Brandes, W *Mitt Deut Landwirt-ges* 88 (14): 384-385. Apr 5, 1973

062969 18 N39
Agriculture in next decade? (Ger) Reisch, H C E *Mitt Deut Landwirt-ges* 88 (16): 440-442. Apr 19, 1973

062970 44.8 M735
German dairy industry with variable chances for development. (Ger) Nienhaus, A *Molk-zeitung Welt Milch* 27 (13): 381-383. Mar 30, 1973

062971 442.9 B832
Plant protection legislation and advisory practice. (Ger) Hanuss, K *Nachrichtenbl Deut Pflanzenschutzdienstes* 25 (1): 1-6. Ref. Eng. Sum. Jan 1973

062972 20.5 N86
Growth of agricultural production is necessary for development of whole country; a summary of speech by Deputy Prime Minister J. Tejchma at Plenary Session of Parliament of Polish People's Republic on 25th of January, 1973. (Pol) *Nowe Roln* 22 (3): 1-3. Feb 1/15 1973

062973 20.5 N86
Most important tasks of agriculture in Poznan province & methods of their accomplishment. (Pol) Stachowiak, B *Nowe Roln* 22 (4): 15-17. Feb 16/28, 1973

062974 20.5 N86
Most important aspects of agricultural development of Lodz province. (Pol) Zieba, S *Nowe Roln* 22 (5): 1-4. Mar 1/15, 1973

062975 HD9016.T3N8
Future development of mushroom production in Taiwan. (Chi) Wu, S P *Nung Chan Sai Hsiao Shih Ch'ang (foreign Mark Inf Agric Pro D, Taiwan, The Repub China)* 190: 10-11. May 20, 1972

062976 HD9016.T3N8
Speed-up of rural industralization in Taiwan. 1. (Chi) Cheng, S K *Nung Chan Sai Hsiao Shih Ch'ang (foreign Mark Inf Agric Pro D, Taiwan, The Repub China)* 190: 3-4. May 20, 1972

062977 HD9016.T3N8
Speed-up rural industralization in Taiwan. 2. (Chi) Cheng, S K *Nung Chan Sai Hsiao Shih Ch'ang (foreign Mark Inf Agric Pro D, Taiwan, The Repub China)* 191: 16-17. June 1972

062978 HD9016.T3N8
Agriculture of Indonesia. 2. (Chi) Cheng, S K *Nung Chan Sai Hsiao Shih Ch'ang (foreign Mark Inf Agric Pro D, Taiwan, The Repub China)* 193: 14. July 5, 1972

062979 HD9016.T3N8
Prospects of exporting agricultural products. [Taiwan]. (Chi) Chang, Y T *Nung Chan Sai Hsiao Shih Ch'ang (foreign Mark Inf Agric Pro D, Taiwan, The Repub China)* 200: 5. Oct 20, 1972

062980 HD9016.T3N8
Agriculture of USSR after production failure. 1. (Chi) Cheng, T H *Nung Chan Sai Hsiao Shih Ch'ang (foreign Mark Inf Agric Pro D, Taiwan, The Repub China)* 201: 15-16. Nov 5, 1972

062981 HD9016.T3N8
Agriculture of USSR after production failure. 2. (Chi) Cheng, T H *Nung Chan Sai Hsiao Shih Ch'ang (foreign Mark Inf Agric Pro D, Taiwan, The Repub China)* 202: 17-18. Nov 20, 1972

062982 100 OH3S (2)
Modern agriculture – fact vs. fantasy. [Outlook]. Kottman, R M *Ohio Agr Res Develop Center Res Bull* 1061: 3. 1972

062983 14 R323
Social structural policy of European Economic Community. (Fre) Chatanay, J N *Paysans* 91: 50-62. Feb/Mar 1973

062984 14 R323
Europe of ten. [Agriculture, European Economic Community]. (Fre) Moulias, J *Paysans* 91: 9-22. Feb/Mar 1973

062985 20.5 P84
Development of cereals & animal production in Council for Mutual Economic Assistance countries in years 1950 – 1970. (Pol) Misiuna, W *Postepy Nauk Roln* 19 (5): 129-156. Ref. Sept/Oct 1972

062986 41.8 P882
Federally united house legislation from veterinary view. (Ger) Herberg, H *Prakt Tierarzt* 54 (2): 84-85. Feb 1, 1973

062987 281.9 B87
National office for Livestock & Meats, ONIBEV: An imperfect tool, but it finally exists. (Fre) Bruel, M *Prod Agr Fr* 47 (121): 14-15. Dec 1972

062988 281.9 B87
Beef: principle of permanent intervention is approved by Brussels. [European Economic Community]. (Fre) Fontenil, R *Prod Agr Fr* 48 (122): 15, 17. Jan 1973

062989 281.9 B87
English Channel, Mediterranean, Atlantic. [Agriculture]. (Fre) Clavel, J C *Prod Agr Fr* 48 (122): 9. Jan 1973

062990 281.9 B87
Corn: Encouraging prospects despite some obstacles to overcome. (Fre) Etchebarne, J *Prod Agr Fr* 49 (126): 14-15. Mar 1973

062991 281.9 B87
Brucellosis: New legislative orderings. [Cattle]. (Fre) Chatelin, Y M *Prod Agr Fr* 49 (126): 39-40. Mar 1973

062992 389.8 P95
Main elements of food economy organization from long-term & regional point of view. (Pol) Imbs, B *Przem Spozyw* 26 (2): 49-52. Eng. Sum. 1972

062993 30.58 R24
Libertization of homestead law. 2. (Ger) Schwede, T C *Recht Landwirt* 24 (5): 116-119. Ref. May 1972

062994 13 R322
Italian agriculture in 1971. (Fre) Lancker, A V *Rev Agr (brussels)* 25 (11/12): 1637-1655. Nov/Dec 1972

062995 68.28 R322
Will there be a new international coffee agreement? (Spa) Mendoza, J L *Rev Cafetalera* 121: 5-13. Jan 1973

062996 43.8 R32
Farmers & veterinarians: A healthy frame as rural workers? [Legislation]. (Por) Marson, R *Rev Criadores* 42 (516): 104-105. Dec 1972

062997 100 P381S
Red meat industries diversified in state. [Pennsylvania]. Ziegler, J H *Sci Agr* 20 (2): 4-5. Winter 1973

062998 100 P381S
Rural development – a cooperative effort. [Pennsylvania]. Bergstrom, J W *Sci Agr* 20 (3): 6-7. Spring 1973

062999 475 SCI237
Agriculture: increased productivity through research & development. Orillo, F T *Sci Rev* 13 (3): 24-27. May/June 1972

063000 S13.S55
50th anniversary of Soviet Union & tasks of science in further development of agriculture in Siberia & Soviet Far East. (Rus) Siniagin, I I *Sib Vestn S-kh Nauk* 6: 1-8. Nov/Dec 1972

063001 S13.S55
Means of creating a food base in industrial regions of Tiumen Region. (Rus) Shaitan, B I *Sib Vestn S-kh Nauk* 6: 109-113. Nov/Dec 1972

063002 44.8 SO12
New & impending legislation affecting dairy industry: changes in milk & milk products. [Great Britain]. Haigh, R *Soc Dairy Technol J* 26 (2): 61-70. Ref. Apr 1973

063003 44.8 SO12
Industrial Relations Act. [Great Britain]. Mann, D F C *Soc Dairy Technol J* 26 (2): 71-75. Apr 1973

063004 HD1761.A1M5
Economic research problems & long-run research needs in rural development. Maki, W R *Staff Pap Ser Dep Agric Appl Econ Univ Minn Inst Agric* P72-22, 44 P. Ref. 1972

063005 19.5 ST2
Specialization in development of fruit production. [Czechoslovakia]. (Cze) Hyzik, J *Statni Statky* 15 (11): 251. 1972

063006 65.8 J82
Is French sugar industry lacking ambition? (Fre) Girault, P *Sucrerie Franc* 114 (3): 119-121. Mar 1973

063007 S19.T3
Make an effort for new program of rural reconstruction in Taiwan. (Chi) Hsieh, T M *Taiwan Agr Quart* 8 (4): 1-2. Dec 1972

063008 304.8 T3194
Increasing cotton production; recent research & strategy. Santhanam, V *Texprocil Bull, Overseas Ed* 16 (2): 21, 23, 25, 27, 29. 1972/1973

063009 49 T443
50 Years of USSR: 50 years of successful agricultural policy. (Ger) Ebert, A *Tierzucht* 26 (12): 441-443. Dec 1972

063010 49 T443
50 Years of USSR: 50 years of development in Soviet agriculture. (Ger) Poosch, K H *Tierzucht* 26 (12): 444-445. Dec 1972

063011 80 T817
Green Revolution in Spain. 3. (Dut) Benoit, F *Tuinbouwberichten* 37 (2): 63-66. Feb 1973

063012 A281.9 AG8A
Cattle raising in United States. [Beef prodction]. Van Arsdall, R N *U S D A Agr Econ Rep* 235, 88 P. Ref. Jan 1973

063013 1 AG84AH
Compilation of statutes relating to soil conservation, set aside, acreage diversion, marketing quotas & allotments, wheat certificates, Commodity Credit Corporation, price support, export & surplus removal, Public Law 480, *U S D A Agr Handb* 444, 419 P. Mar 1973

063014 A281.9 AG8F
Forecasting wheat production in Turkey. Coffing, A Dept. of Agriculture *U S D A Foreign Agr Econ Rep* 85, 38 P. Map. Ref. Mar 1973

063015 1 AG84PRO
Training manual: Special Summer Food Service Program. *U S D A Pa* 1031, 27 P. 1973?

063016 18 UB3
Beef production under magnifying glass. (Ger) Johannlukens, E *Ubersicht* 24 (3): 200-202. Mar 10, 1973

063017 275.29 V813
1972 – 1973 Agricultural outlook. *Va Agr Econ* 240, 18 P. Nov 1972

063018 20 AK16
Tasks of agricultural science in Kazakhstan in light of decrees of 24th congress of Communist Party of Soviet Union. (Rus) Mukhamedgaliev, F M *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 3-13. Jan 1973

063019 SF604.V75
Effect of penicillin on formation of immunity after live & killed swine erysipelas vaccine. (Rus) Kovalenko, IA R *Vses Akad S-kh Nauk Biull* 12: 143-144. 1972

063020 281.8 W892
Resource productivity & production trends in India's tea industry. Singh, I J *World Crops* 24 (3): 125. May/June 1972

063021 281.8 W892
Oil crop production in Iran. Ghorashy, S R *World Crops* 24 (3): 156-157. May/June 1972

063022 65.8 D48
Sugar industry in South Africa. (Ger) Hirschmuller, H *Z Zuckerindus* 23 (1): 17-23. Map. Ref. Jan 20, 1973

063023 65.8 D48
1973: Sugar industry of European Economic Community before new decisions. (Ger) Ertl, J *Z Zuckerindus* 23 (1): 9-10. Jan 20, 1973

063024 65.8 D48
Diversification in form of agroindustrial cooperative work. [Sugar industry]. (Ger) Wirner, H *Z Zuckerindus* 23 (3): 132-139. Eng. Sum. Mar 20, 1973

063025 65.8 D48
Increase of sugar industry in Thailand. (Ger) Kampf, H *Z Zuckerindus* 23 (3): 141-143. Ref. Mar 20, 1973

CONSUMER PROTECTION

063026 389.9 SO1B
Methods & techniques of appreciation of quality of fish & fish products: Guarantees offered to consumers. (Fre) Michel, C *Aliment Vie* 60 (5): 363-376. 1972

063027 TP368.A4
Can frozen food products be labeled as fresh products? (Ger) Baumgartner, E *Alimenta* 12 (2): 65-65. Mar/Apr 1973

063028 SF601.A47
A rapid qualitative test for aflatoxin. [Aspergillus flavus, agricultural products]. Knake, R P *Am Coll Vet Toxicol News* 15 (1): 5-6. Feb 1973

063029 49 C43
Residues of veterinary drugs in milk, meat & eggs & their control. 3. (Jap) Ono, H *Anim Husb (tokyo)* 27 (4): 61-64. Apr 1973

063030 448.3 AP5
Subcutaneous bacteria in turkey carcasses. Avens, J S *Appl Microbiol* 25 (3): 354-356. Mar 1973

063031 448.3 AP5
Effect of nitrite & nitrate on toxin production by Clostridium botulinum & on nitrosamine formation in perishable canned communuted cured meat. Christiansen, L N *Appl Microbiol* 25 (3): 357-362. Ref. Mar 1973

063032 448.3 AP5
Effect of selected lactic acid bacteria on growth of Staphy lococcus aureus & production of enterotoxin. Haines, W C *Appl Microbiol* 25 (3): 436-441. Ref. Mar 1973

063033 448.3 AP5
Factors influencing detection of Salmonellae in rendered animal by-products. Tompkin, R B *Appl Microbiol* 25 (4): 485-487. Apr 1973

063034 448.3 AP5
Enumeration of Escherichia coli in frozen samples after recovery from injury. [Food]. Ray, B *Appl Microbiol* 25 (4): 499-503. Ref. Apr 1973

063035 389.9 AR1
Analytical problems in identifying mycotoxins. [Food (untamination]. (Ger) Bosenberg, H *Arb Getreideforsch Ber Getreidechem-tag* 7 (146): 125-133. Ref. June 20/22, 1972

063036 389.9 AR1
Analysis of (2-chloroethyl) trimethylammonium chloride residues in wheat. (Ger) Neirle, W *Arb Getreideforsch Ber Getreidechem-tag* 7 (146): 217-224. June 20/22, 1972

063037 389.9 AR1
Residue tests in mill laboratories. [Grain products, pesticides]. (Ger) Plasch, G *Arb Getreideforsch Ber Getreidechem-tag* 7 (146): 87-94. June 20/22, 1972

063038 41.8 L49
Declaration of composition of sausages. (Ger) Kotter, L *Arch Lebensm-hyg* 24 (3): 53-60. Ref. Mar 1973

063039 41.8 L49
Effects of use of antibiotics by livestock on hygien ic condition of foods of animal origin. (Ger) Prandl, O *Arch Lebensm-hyg* 24 (3): 64-66. Eng. Sum. Mar 1973

063040 41.8 L49
Attempt for classification & evaluation of red & blood sausages in commerce of Bremen (townships Bremen & Bremenhaven). (Ger) Welz, W *Arch Lebensm-hyg* 24 (3): 70-73. Ref. Eng. Sum. Mar 1973

063041 41.8 L49
Food hygienic aspects with application of estrogens in fattening of livestock. (Ger) Karg, H *Arch Lebensm-hyg* 24 (4): 77-83. Ref. Eng. Sum. Apr 1973

063042 41.8 AU72
Occurrence of salmonellas on hides & fleeces of cattle & sheep at slaughter. Smith, M G *Aust Vet J* 49 (4): 218-219. Apr 1973

063043 509 B453
Disinfectant detergents for application in food industry. (Ger) Waschkow, W I *Berlin Humboldt-univ Wiss Z Math Naturwiss Reihe* 21 (6): 576-578. 1972

063044 SF221.S83
Regulation of total amount of color & content of bixin & trans-bixin for use in butter coloring as color basis of annatto. (Dan) Werner, H *Bil Arsberet Statens Forsogsmejeri* 32 (Suppl.): 35-39. 1973

063045 SF221.S83
Electronic counting of microcolonies in milk. (Dan) Moller-Madsen, A *Bil Arsberet Statens Forsogsmejeri* 32 (Suppl.): 76-79. 1973

063046 421 B65
Toxicity & residue of some grain fumigants. (Jap) Nakakita, H *Botyu-kagaku* 38 (1): 43-68. Ref. Feb 1973

063047 390.8 B732
Some questions & problems of official beer inspection. [West Germany]. (Ger) Thalacker, R *Brauwelt* 113 (23): 459-463. Mar 30, 1973

063048 59.8 B872
Problem of rice quality in Spain. (Fre) Barber, S *Bull Inform Riziculr France* 143: 20-24. Ref. Nov/Dec 1972

063049 321.8 C162
Is there really a need for textile flammability legislation. Crown, E M *Can Home Econ J* 23 (2): 33-39. Ref. Apr 1973

063050 TP368.C3
Hungarian quality control instruments. Their applications in industry, agriculture & scientific research. [Food]. Lasztity, R *Can Inst Food Technol J* 6 (1): A22-a28. Jan 1973

063051 TP368.C3
Food poisoning by Clostridium perfringens. Hauschild, A H W *Can Inst Food Technol J* 6 (2): 106-110. Ref. Apr 1973

063052 TP368.C3
Botulinum food poisoning. [Clostridium botulinum]. Riemann, H *Can Inst Food Technol J* 6 (2): 111-125. Ref. Apr 1973

063053 TP368.C3
Food poisoning attributed to controversial agents: Bacillus cereus, Pseudomonas sp. & Faecal streptococci. Foster, E M *Can Inst Food Technol J* 6 (2): 126-130. Ref. Apr 1973

063054 TP368.C3
Staphylococcal enterotoxin: A comparative study of serological detection methods. [Staphylococcus aureus, Food]. Bennett, R W *Can Inst Food Technol J* 6 (2): 131-134. Ref. Apr 1973

063055 TP368.C3
Salmonella cycles in foods with special reference to effects of environmental factors, including feeds. Edel, W *Can Inst Food Technol J* 6 (2): 64-67. Apr 1973

063056 TP368.C3
Microbial antagonism in foods. Hurst, A *Can Inst Food Technol J* 6 (2): 80-90. Ref. Apr 1973

063057 TP368.C3
Fungal toxins in foods. Van Walbeek, W *Can Inst Food Technol J* 6 (2): 96-105. Ref. Apr 1973

063058 475 SCI23
Isolation of a nephrotoxin from Penicillim piceum, a common food cantaminant. Parthasarathy, V V *Cur Sci* 42 (8): 279-280. Apr 20, 1973

063059 41.9 D23
Hygienic problems in connection with foodstuffs & use of antibiotics & chemotherapy in animal husbandry. (Dan) Rasmussen, F *Danske Dyrlaegefor Medlemsbl* 56 (5): 197-200. Mar 1, 1973

063060 389.8 D482
Guide to sensory evaluation of products of soup industry by tasting analysis. (Ger) Jellinek, G *Deut Lebensmittel-rundsch* 68 (12): 389-393. Dec 1972

063061 389.8 D482
Cyclamate determination in food. (Ger) Groebel, W *Deut Lebensmittel-rundsch* 68 (12): 393-397. Ref. Eng. Sum. Dec 1972

063062 389.8 D482
Quantitative determination of plastic additives in food simulants iI. (Ger) Koch, J *Deut Lebensmittel-rundsch* 68 (12): 401-403. Ref. Eng. Sum. Dec 1972

063063 389.8 D482
Quantitative determination of plastic additives in food simulants iII. (Ger) Koch, J *Deut Lebensmittel-rundsch* 68 (12): 404-405. Eng. Sum. Dec 1972

063064 389.8 D482
Quantitative determination of plastic additives in food simulants. I. (Ger) Koch, J *Deut Lebensmittel-rundsch* 68 (7): 216-221. Ref. Eng. Sum. July 1972

063065 389.8 D482
Pesticide residues in food of animal origin in Denmark. (Ger) Werner, H *Deut Lebensmittel-rundsch* 69 (1): 35-39. Jan 1973

063066 389.8 D482
Indicators of start of qualitative changes in food. (Ger) Eichner, K *Deut Lebensmittel-rundsch* 69 (1): 4-12. Ref. Jan 1973

063067 389.8 D482
Heavy metals in food plants & forage plants. (Ger) Kloke, A *Deut Lebensmittel-rundsch* 69 (1): 45-49. Ref. Jan 1973

063068 389.8 D482
Preventive & repressive measures for processing, packing, & controlling food. (Ger) Gogge, W *Deut Lebensmittel-rundsch* 69 (1): 60-64. Jan 1973

063069 44.8 SU2
Culture media & identification methods of Clostridia. [Milk, dairy products]. (Ger) Winterer, H *Deut Molk-zeitung* 94 (15): 565-568. Ref. Apr 12, 1973

063070 44.8 SU2
Application of labeling on milk & dairy products. (Ger) Schauff, M *Deut Molk-zeitung* 94 (15): 569-571. Apr 12, 1973

063071 44.8 SU2
Quality control – quality protection. [Dairy industry]. (Ger) Engl, R *Deut Molk-zeitung* 94 (2): 40-42. Jan 11, 1973

063072 44.8 SU2
Significance of quality control to management. [Dairy industry]. (Ger) Wunderlich, H *Deut Molk-zeitung* 94 (2): 43-44. Jan 11, 1973

063073 44.8 SU2
Practice of organizing & accomplishing quality control. [Dairy industry]. (Ger) Meyer, R *Deut Molk-zeitung* 94 (2): 45-47. Jan 11, 1973

063074 41.8 EC7
Food toxic infections through eggs. (Fre) Mauranges, P *Econ Med Anim* 13 (5): 299-2307. Sept/Oct 1972

063075 389.8 ER66
Polychlorinated biphenyls. [Food contamination]. (Ger) Cremer, H D *Ernahrumsch* 20 (3): 75-77. Mar 1973

063076 384 C422
Assay of pesticides with reference to food hygiene. (Ger) Franck, R *Fette Seifen Anstrichmittel* 75 (4): 217-223. Eng. Sum. Apr 1973

063077 43.8 F66
Mature judgment based on fact is needed in today's industry. [Feed additives, residues]. Cunha, T J *Fla Cattleman Livestock J* 37 (8): 25, 27. Mar 1973

063078 TS1950.F5
Hygiene helps keeping quality of meat. 3. (Ger) Tandler, K *Fleischerei* 24 (2): 38-40. Feb 1973

063079 41.8 F712
Effect of health condition on storability of beef. (Slo) Balaz, J *Folia Vet* 16 (3/4): 199-203. Eng. Sum. 1972

063080 389.8 F737
FDA [Food & Drug Administration] launches new quality program. [Food processing]. Lawler, F K *Food Eng* 45 (4): 64-66. Apr 1973

063081 389.9 N57
Studies on psychrophilic spoilage bacteria of chilled sea fish. III. Differentiating properties of five groups, Pseudomonas I/II, III/IV-NH, III/IV-H, Vibrio & Moraxella. (Jap) Okuzumi, M *Food Hyg Soc Jap J* 14 (1): 81-89. Ref. Eng. Sum. Feb 1973

063082 389.8 F736
Spray-dried flavours. Bovington, B *Food Manufacture* 48 (1): 27-28. Jan 1973

063083 389.8 F738
EEC [European Economic Community] – what difference does it make? [Food legislation, Great Britain]. Burke, C S *Food Process Indus* 42 (497): 19, 34. Mar 1973

063084 389.8 F7333
Nutritional labelling – current status. Somers, I I *Food Technol Australia* 25 (1): 24-25, 27. Jan 1973

063085 A281.9 F76FO
Newcastle threat prompts strict regulations on U.S. Poultry imports. Mulhern, F J *Foreign Agr* 11 (18): 7, 12. Apr 30, 1973

063086 80 F9493
Quality control of materials & packagings for fruits & vegetables. (Fre) Barette, G L *Fruit Belg* 41 (361): 7-9. Jan/Mar 1973

063087 286.83 T67
Mold that indicates plant insanitation – a new potent enforcement aid for regulatory officials. [Geotrichum]. Strasburger, L V *FPM (food Prod Manage)* 95 (10): 16. Apr 1973

063088 SB320.G4
Residues – maximum quantities – tolerances. [Pesticides]. (Ger) Kradel, J *Gemuse* 9 (3): 70-71. Mar 15, 1973

063089 18 G312V
Quality standards for pome fruits & citrus fruits. (Ger) Jahn, H R *Ger (fed Repub) LandHauswirtsch Auswertungs Informations Dienst (veroff)* 332, 32 P. 1972

063090 18 G312V
Quality standards for stone fruits & berries. (Ger) Jahn, H R *Ger (fed Repub) LandHauswirtsch Auswertungs Informations Dienst (veroff)* 352, 33 P. 1972

063091 298.8 G33
Study of pesticide residues in flour mill laboratory. (Ger) Plasch, G *Getreide Mehl Brot* 27 (1): 15-18. Jan 1973

063092 68.8 G65
Microbiological analysis of fully cooked meals. (Ger) Mohs, H J *Gordian* 72 (6): 203-204. Eng. Sum. June 1972

063093 68.8 G65
Modern flex-packs demand: bacterial & insect protection. [Food spoilage]. Sacharow, S *Gordian* 72 (6): 219-220. June 1972

063094 68.8 G65
Problems between technology & legislation relating to food with carbohydrate content. (Ger) Kammerer, F X *Gordian* 73 (3): 96-99. Ref. Mar 1973

063095 QC795.H4
Retention & removal of 131I [Iodine] from contaminated vegetables. Thompson, J C *Health Phys* 24 (3): 345-351. Mar 1973

063096 SB1.H6
Impact of changing quality requirements. [Horticultural products]. Kramer, A *Hortscience* 8 (2): 106-1079 Apr 1973

063097 SB1.H6
Micro-contamination of horticultural products. Gould, W A *Hortscience* 8 (2): 116-119. Ref. Apr 1973

063098 50.8 H95
Hygienic & microbiologic requirements in utilizing byproducts of fat in sausage production. (Hun) Takaces, K *Husipar* 21 (2): 62-66. Eng. Sum. Mar/Apr 1972

063099 50.8 H95
New quality standards for meat products. (Hun) Szilagyi, J *Husipar* 21 (6): 250-254. Eng. Sum. Nov/Dec 1972

063100 50.8 H95
Comparing Hungarian & French cattle trade with regard to grading problems. (Hun) Kiss, P *Husipar* 21 (6): 280-289. Eng. Sum. Nov/Dec 1972

063101 S15.I592
Quality factors of some fruits cultivated in Colombia. (Spa) Camacho B, S *Ica Rev (Inst Colomb Agropecuar)* 7 (1): 11-32. Ref. Eng. Sum. Mar 1973

063102 HD9410.C4
Standardization of livestock & their products. Doane, T H *In Central Treaty Organization. CENTO Workshops on Mark Eting of Livestock and their Products* P. 25-29. 1971

063103 TS195.6.S4 1971
FTC's [Federal Trade Commission] activities under FPLA. [Fair Packaging & Labeling Act, food]. Lloyd, R J *In Seminar on Packaging Legislation and Regulations; Curre Nt Status and Future Prospects, Burlingame and Los Angeles* P. 21-27. Feb 1972

063104 TS195.6.S4 1971
Labeling & packaging meat & poultry products – federal laws & regulations. deHoll, J C *In Seminar on Packaging Legislation and Regulations; Curre Nt Status and Future Prospects, Burlingame and Los Angeles* P. 33-35. Feb 1972

063105 TS195.6.S4 1971
Nutritional labeling: a nutritionist viewpoint. Briggs, G M *In Seminar on Packaging Legislation and Regulations; Curre Nt Status and Future Prospects, Burlingame and Los Angeles* P. 41-45. Feb 1972

063106 TS195.6.S4 1971
California supplements national program. [Food, packaging, labeling]. Wixom, H *In Seminar on Packaging Legislation and Regulations; Curre Nt Status and Future Prospects, Burlingame and Los Angeles* P. 37-40. Feb 1972

063107 TS195.6.S4 1971
FPLA [Fair Packaging & Labeling Act] – expectation & reality. [Food]. Vadelund, E A *In Seminar on Packaging Legislation and Regulations; Curre Nt Status and Future Prospects, Burlingame and Los Angeles* P. 29-32. Feb 1972

063108 TS195.6.S4 1971
Nutritional labeling: an industry viewpoint. Hansen, A W *In Seminar on Packaging Legislation and Regulations; Curre Nt Status and Future Prospects, Burlingame and Los Angeles* P. 47-53. Feb 1972

063109 TS195.6.S4 1971
After FPLA [Fair Packaging & Labeling Act], what next? [Food]. Wodicka, V O *In Seminar on Packaging Legislation and Regulations; Curre Nt Status and Future Prospects, Burlingame and Los Angeles* P. 1-11. Feb 1972

063110 TS195.6.S4 1971
An update on product safety legislation. [Food]. Miller, D C *In Seminar on Packaging Legislation and Regulations; Curre Nt Status and Future Prospects, Burlingame and Los Angeles* P. 55-62. Feb 1972

063111 TS195.6.S4 1971
FPLA [Fair Packaging & Labeling Act] today? [Food]. Gomilla, J *In Seminar on Packaging Legislation and Regulations; Curre Nt Status and Future Prospects, Burlingame and Los Angeles* P. 13-19. Feb 1972

063112 68.29 IN23M
Evaluation of coffee quality by visual assessment & cup testing & their relative merits. Menon, A V R *Indian Coffee* 37 (1): 5-6. Jan 1973

063113 464.8 IN2
Comparison of different methods of extraction for detection & estimation of aflatoxin B1 in groundnut. [Aspergillus flavus. Mehan, V K *Indian Phytopathol* 25 (3): 467-471. Ref. Sept 1972

063114 383 AS7
Problems presented by coloring of butter. (Fre) Yver, M *Indus Aliment Agr* 90 (1): 23-25. Jan 1973

063115 389.8 IN24
Fish as food. [Contamination]. (Spa) Stare, F J *Indus Conserv* 38 (402): 343. Dec 1972

063116 SB599.I48
Inquiry research on organic chloride pesticide residues existing in cow milk between 1969-1970. (Rum) Polizu, A *Inst Cercet Pentru Prot Plant An* 8: 297-302. Eng. Sum. (Pub. 1972)

063117 475 J824
Determination of biphenyl & orthophenylphenol in citrus fruits by gas chromatography. Beernaert, H *J Chromatography* 77 (2): 331-338. Ref. Mar 28, 1973

063118 44.8 J822
Production of staphylococcal enterotoxin A in blue, brick, mozzarella, and swiss cheeses. Tatini, S R *J Dairy Sci* 56 (4): 429-435. Ref. Apr 1973

063119 HD9000.A1J68
Sanitation & Food & Drug Administration. [Food marketing]. DeCamp, P *J Food Distrib Res* 3 (1): 70-72. July 1972

063120 389.8 F7322
Control of Staphylococcus aureus in sausage by starter cultures & chemical acidulation. Daly, C *J Food Sci* 38 (3): 426-430. Ref. Mar/Apr 1973

063121 389.8 F7322
Sensitivity of Vibrio parahaemolyticus to cold in oysters, fish fillets & crabmeat. Johnson, H C *J Food Sci* 38 (3): 437-441. Ref. Mar/Apr 1973

063122 389.8 F7322
Solanum alkaloids: biosynthesis & inhibition by chemicals. [Potatoes]. Jadhav, S J *J Food Sci* 38 (3): 453-455. Ref. Mar-/Apr 1973

063123 389.8 F7322
Bloater formation in brined cucumbers fermented by Lactobacillus plantarum. Fleming, H P *J Food Sci* 38 (3): 499-503. Ref. Mar/Apr 1973

063124 389.8 F7322
Carbon dioxide production in fermentation of brined cucumbers. Fleming, H P *J Food Sci* 38 (3): 504-506. Ref. Mar/Apr 1973

063125 44.8 J824
Effects of synthetic meat components on growth of Clostridium perfringens. [Food poisoning]. Schroder, D J *J Milk Food Technol* 46 (4): 189-193. Ref. Apr 1973

063126 44.8 J824
Smoked mullet quality: An assessment. Koburger, J A *J Milk Food Technol* 46 (4): 194-195. Apr 1973

063127 44.8 J824
Flavor quality of various grain flours & oilseed, milk, & marine protein supplements. Maga, J A *J Milk Food Technol* 46 (4): 232-236. Ref. Apr 1973

063128 44.8 J824
Sanitary conditions in twelve fluid milk processing plants as determined by use of rinse filter method. Marshall, R T *J Milk Food Technol* 46 (4): 237-241. Apr 1973

063129 382 SO12
Lead & cadmium content of some canned fruit & vegetables. Thomas, B *J Sci Food Agr* 24 (4): 447-449. Apr 1973

063130 382 SO12
Microbiology & Food Group Meeting. *J Sci Food Agr* 24 (4): 485-491. Apr 1973

063131 475 J82
Studies on deeping quality of Indian plantation white sugars. *J Sci Indus Res* 31 (9): 465. Sept 1972

063132 389.78 K85
Inadmissible solicitation with meat without antibiotics. (Ger) Bohlken, T *Kraftfutter* 55 (9): 476. Sept 1972

063133 298.8 N46
Putting bite on pasta. [Food pastes]. Walsh, D E *Macaroni J* 54 (12): 10-11, 14. Apr 1973

063134 41.8 V644
Data to antibiotic (inhibitor substance) content of food. (Hun) Szabo, A *Magyar Allatorv Lapja* 28 (3): 134-139. Ref. Eng. Sum. Mar 1973

063135 41.8 V644
Examination of meat & meat products for occurrence of chlorinated hydrocarbons. [Insecticides]. (Hun) Simonffy, Z *Magyar Allatorv Lapja* 28 (3): 141-146. Ref. Eng. Sum. Mar 1973

063136 41.8 V644
Salmonella occurrence in products of animal origin in 1969-1970. (Hun) Takacs, J *Magyar Allatorv Lapja* 28 (3): 151-154. Eng. Sum. Mar 1973

063137 HD9428.A8M42
Hygiene & sanitation in retail butcher shops. Parkinson, B *Meat Ind Bull* 15 (11): 28-29, 47. Nov 1972

063138 448.8 M469
Role of butchers in epidemiology of taeniasis in Bukhara Region of Uzbekistan [Beef, contamination]. (Rus) Dzhumaev, M D *Med Parazitol Parazitarn Bolezni* 4: 434-435. Eng. Sum. July/Aug 1972

063139 44.8 M47
Milk storage & product quality. (Nor) Oterholm, *Meieriposten* 62 (5): 97-102. (Continued) Feb 3, 1973

063140 44.8 M47
Milk storage & product quality. (Nor) Oterholm, B *Meieriposten* 62 (6): 124-128. Ref. Feb 10, 1973

063141 TS2120.M4
Cooperation between international organizations in area of standardization of cereals & cereal products. (Fre) Kanizsay, J *Meun Belg-belg Maalderij* 69 (84): 7-10. Feb 1973

063142 44.8 M5998
Systematics of bacteria important for hygiene & technology of milk industry. (Ger) Reuter, G *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 32: 183-190. Ref. Nov 1972

063143 44.8 M5998
Media & identification methods for Clostridia. [Dariy products, contamination]. (Ger) Winterer, H *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 32: 207-212. Ref. Nov 1972

063144 44.8 M5998
Study of inhibiting factors in raw milk with regard to quality rating & payment. (Ger) Lupke, H *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 32: 213-218. Ref. Nov 1972

063145 44.8 M5998
Determining raw milk quality by electronic count of microorganisms. (Ger) Kind, H *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 32: 219-225. Nov 1972

063146 44.8 M5998
Comparison of the electronic count of microorganisms in raw milk with other evaluation methods, using bacteria improtant in milk industry as an example. (Ger) Paul, S *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 32: 237-238. Nov 1972

063147 44.8 M5998
Use of aroma in milk products according to regulations. (Ger) Schara, A *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 32: 243-247. Nov 1972

063148 44.8 M5998
Quality control – quality protection. [Milk industry]. (Ger) Engl, R *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 32: 249-252. Nov 1972

063149 44.8 M5998
Meaning of quality control for management. [Food industry]. (Ger) Wunderlich, H *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 32: 253-255. Nov 1972

063150 44.8 M5998
Practice of quality control – organization & execution. (Ger) Meyer, R *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 32: 256-258. Nov 1972

063151 44.8 M5998
Raw milk quality in area of hard cheese dairies. (Ger) Reikersdorfer, E *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 33: 267-272. Dec 1972

063152 44.8 M5998
Problem of hard cheese quality in relation to market conditions. (Ger) Bachinger, *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 33: 273-274. Dec 1972

063153 44.8 M5998
Bacteriological aspects of raw milk in hard cheese production. (Ger) Ginzinger, W *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 33: 285-288. Dec 1972

063154 18 N39
Microorganisms in environment. (Ger) Kuster, E *Mitt Deut Landwirt-ges* 87 (51): 1283-1284. Dec 14, 1972

063155 41.8 M742
Use of principles of anti-microbial regime in food industry. (Ger) Weuffen, W *Monatsh Veterinarmed* 28 (7): 241-245. Eng. Sum. Apr 1, 1973

063156 20.5 N86
Grades (standards) of wheat & rye grain. [Flour]. (Pol) Bref, S *Nowe Roln* 21 (24): 20-21. Dec 16/31, 1972

063157 SB951.P47
Fungicidal activity & chemical constitution. XX. activity of substituted 1,4-naphthohydroquinone esters & substituted 1,4-napthoquinones against powdery mildews. [Apples, cucumbers, Podosohaera leucotricha, Sphaerotheca fuliginea Fieldgate, D M *Pestic Sci* 4 (2): 193-200. Ref. Apr 1973

063158 SB951.P47
Pesticide residues in total diet in Canada. III. 1971. Smith, D C *Pestic Sci* 4 (2): 211-214. Apr 1973

063159 41.8 P53
Salmonella in market poultry & poultry dressing plant environments in Philippines. Tacal, J V *Philippine J Vet Med* 11 (1): 10-18. Ref. June 1972

063160 281.9 B87
Pesticides & dairy production. [Contamination]. (Fre) Marion, R *Prod Agr Fr* 49 (124): 34-35. Feb 2, 1973

063161 49 P952
Quality requirements for live swine in countries of Council for Mutual Economic Assistance in telation to situation in Poland. (Pol) Buchwakd, W *Przegl Hodowlany* 41 (21): 6-9. Nov 1/15, 1972

063162 389.8 P95
Analytic problems of pesticide residues. [Food]. (Pol) Kazmierczak, T *Przem Spozyw* 26 (3): 103-107. Eng. Sum. 1972

063163 450 R18
Standardization of wild berries & fungi. (Rus) Smychnikov, IU I *Rastitel Resursy* 9 (2): 310-312. Ref. 1973

063164 50.9 R24
Current status of nutrition labeling. Johnson, O *Reciprocal Meat Conf Proc* 25Th: 111-115. 1972

063165 50.9 R24
Voluntary nutritional labeling – an industry viewpoint. Stewart, R A *Reciprocal Meat Conf Proc* 25Th: 116-128. 1972

063166 50.9 R24
Significance of staphylococci in meats. Hill, W M *Reciprocal Meat Conf Proc* 25Th: 300-305. Ref. 1972

063167 50.9 R24
Factors influencing growth & toxin production by aureus. [Food poisoning]. Genigeorgis, C A *Reciprocal Meat Conf Proc* 25Th: 306-322. Ref. 1972

063168 50.9 R24
Clostridium perfringens in relation to meat products. [Contamination]. Bryan, F L *Reciprocal Meat Conf Proc* 25Th: 323-341. Ref. 1972

063169 50.9 R24
Methodology for Staphylococcus aureus & Clostridium perfringens. [Food poisoning]. Walker, H W *Reciprocal Meat Conf Proc* 25Th: 342-364. Ref. 1972

063170 50.9 R24
Update of nitrosamine issue. [Carcinogens, meat products, contamination]. Aunan, W J *Reciprocal Meat Conf Proc* 25Th: 83-88. 1972

063171 50.9 R24
Some aspects of nitrosamine formation. [Carcinogens, meat products, contamination]. Fiddler, W *Reciprocal Meat Conf Proc* 25Th: 89-94. 1972

063172 50.9 R24
Nitrite & nitrosamine content of foods: unsolved problems & current research. [Carcinogens, contamination]. Tannenbaum, S R *Reciprocal Meat Conf Proc* 25Th: 96-110. Ref. 1972

063173 68.28 R322
Quality of coffee. (Spa) Louis-Delamare, J *Rev Cafetalera* 121: 15-18. Jan 1973

063174 390.08 R32
Legal norms & enumeration in liquid medium: Examples of interpretation. [Dairy products]. (Fre) Gillet, R *Rev Ferment Indus Aliment* 27 (4): 148-152. 1972

063175 SB599.R6
Studies on insecticidal action & toxicity to mammals of new organophosphorus compounds. [Leptinotarsa decemlineata, Musca domestica]. (Pol) Bakuniak, E *Rocz Nauk Roln Pol Agric Annu Ser E Ochr Rosl* 2 (2): 89-105. Eng. Sum. 1972

063176 100 SO8T
Some experiments in controlling discoloration of canned peaches. Van Blaricom, L O *S C Agr Exp Sta Tech Bull* 1043, 12 P. Ref. 1973?

063177 HD1940.C95P74
Study of development of microbiological quality of milk in South Bohemian region. (Cze) Pesek, M *Sb Vys Sk Zemed Praze, Provozne Ekon Fak, Cesk Budejovicich, Biol Rada* 10 (2): 131-143. Eng. Sum. 1972

063178 286.85 D48
Cultural studies of slaughter swine with suspected & chronic erysipelas with special regard to meat inspection aspects. (Ger) Bohm, K H *SchlachtViehhof-ztg* 72 (10): 355-362. Oct 1972

063179 286.85 D48
On presence of microbiologically effective inhibitors in meat & organs of slaughter animals fed zinc bacitracin. [Chickens, swine, calves]. (Ger) Losch, U *SchlachtViehhof-ztg* 72 (10): 362-363. Oct 1972

063180 286.85 D48
Bionomy of Taeniarhynchus saginatus & Cysticercus bovis. [Livestock, food contamination]. (Ger) Koudela, K *SchlachtViehhof-ztg* 72 (10): 369-372. Ref. Oct 1972

063181 286.85 D48
On practical work of veterinary students in slaughterhouse. (Ger) Brandes, H *SchlachtViehhof-ztg* 72 (11): 407-409. Nov 1972

063182 286.85 D48
Negotiation techniques, leadership style & motivations: A programmatic start for veterinary leadership strength. [Slaughterhouses]. (Ger) Ring, C *SchlachtViehhof-ztg* 72 (11): 410-413. Ref. Nov 1972

063183 286.85 D48
Allowable & forbidden preservatives in foods. (Ger) Herold, G *SchlachtViehhof-ztg* 73 (3): 101-103. Mar 1973

063184 286.85 D48
Problematics of medicine residues in foods of animal origin. (Ger) Grossklaus, D *SchlachtViehhof-ztg* 73 (3): 79-85. Ref. Mar 1973

063185 286.85 D48
Influence of longer cold storage (4 degrees C) on total germ count & on coli group in dry sausages & pasterma. (Ger) Awad, A H *SchlachtViehhof-ztg* 73 (3): 85-89. Ref. Eng. Sum. Mar 1973

063186 100 P381S
Chemicals in meat diets greatly overemphasized. [Contamination]. Sink, J D *Sci Agr* 20 (3): 8-9. Spring 1973

063187 TX341.S3
Sterilizing effects of iodophor on Salmonella. [Food, contamination]. (Ita) Molinari, G *Sci Aliment* 8 (10): 339-342. Oct 1972

063188 Q1.S33
Milk hygiene practice in Pakistan. Qureshi, A K *Sci Chronicle* 10 (3): 169-172. Sept 1972

063189 44.8 SO12
New & impending legislation affecting dairy industry: changes in milk & milk products. [Great Britain]. Haigh, R *Soc Dairy Technol J* 26 (2): 61-70. Ref. Apr 1973

063190 44.8 SO12
Observations on use of 2-thiobarbituric acid for estimating deterioration in powdered milk products. Mettler, A E *Soc Dairy Technol J* 26 (2): 84-90. Ref. Apr 1973

063191 389.9 SV2R
Swedish Institute for Food Preservation Research; annual report, 1.7 1971-30.6 1972. *Svenska Inst Konserveringsforsk Rapp* 311, 37 P. Map. Ref. 1972

063192 80 SV23
Fruit quality & grocery store. (Swe) Andersson, U *SYr Inf Fruktodlaren (sver Yrkesfruktodlares Riksforb)* 15 (1): 33-35. 1973

063193 S19.T3
Colorimetric determination of arsenic residues in/on rice plants. (Chi) Su, H *Taiwan Agr Quart* 8 (4): 96-104. Eng. Sum. Dec 1972

063194 A381 R31
Preventing cigarette ignition of mattresses. [Fireproffing]. Neumeyer, J P *U S Agr Res Serv ARs-72* 98: 55-64. Ref. Nov 1972

063195 A381 R31
THP [tris (hydroxymethyl)phosphine]-amide flame retardant for high quality children's sleepwear. Daigle, D J *U S Agr Res Serv ARs-72* 98: 67-68. Nov 1972

063196 A381 R31
Flame & wrinkle resistant finish for apparel goods. Donaldson, D J *U S Agr Res Serv ARs-72* 98: 68-69. Nov 1972

063197 A381 R31
Influence of ion deposition, water hardness, & detergents on flame retardant. [Fabrics, children's sleepwear]. Brysson, R J *U S Agr Res Serv ARs-72* 98: 69-70. Nov 1972

063198 389.8 V26
Report from National Institute of Public Health in Sweden, 1966 – 1971. [Food contamination, pollution]. (Swe) *Var Foda* 24 (6/7): 77-137. Eng. Sum. 1972

063199 20 AK16
Nature of cultures of Staphylococci isolated from milk of healthy cows. (Rus) Nauryzbaev, I B *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 98-100. Feb 1973

063200 20 M66
Microbiological characteristics of mutton from sheep with fascioliasis. (Bel) Siliava, V V *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 1: 100-102. 1973

063201 41.8 V6468
Determining degree of cleaning milk utensils & equipment with use of isotope techniques. (Bul) Vrigazov, A *Vet Med Nauk* 10 (1): 15-24. 1973

063202 41.8 V6468
Studies on residual amounts of chlororganic pesticides in animal fats. (Bul) Delchev, Kh *Vet Med Nauk* 10 (1): 9-13. Ref. Eng. Sum. 1973

063203 41.8 V6463
Veterinary & sanitary control in poultry dressing establishments. (Bul) Vaptsarova, M *Vet Sbirka* 69 (4): 27-29. 1972

063204 41.8 V6463
Clean equipment in milk industry as important condition of quality of finished product. (Bul) Ikonomov, L *Vet Sbirka* 69 (5): 26-28. 1972

063205 41.8 V6463
Chemicalization of agriculture & tasks before veterinary & sanitary control. [Pesticides, residues]. (Bul) Savov, D *Vet Sbirka* 69 (7): 22-24. 1972

063206 41.8 V6463
Quality of milk, problem no 1 to be faced by veterinarians. (Bul) Iotov, I *Vet Sbirka* 69 (7): 29-32. 1972

063207 41.8 V6426
On infectability from milk of Mycobacterium tuberculosis. (Rus) Alksandrov, N A *Veterinariia* 3: 107-108. Feb 1973

063208 41.8 V6439
Importance of cattle leucosis for veterinary examination of fattened cattle & meat in Czechoslovkia. (Cze) Koudela, K *Veterinarstvi* 23 (1): 13-16. 1973

063209 449.9 W26
An inquiry into total DDT & HCH [benzene hexachloride] residues in raw & powdered milk. (Pol) Cwiertniewska, E *Warsaw Panstw Zakl Hig Rocz* 23 (3): 271-278. Eng. Sum. 1972

063210 449.9 W26
An application of polarographic method of determination of copper, zinc & manganese in food-stuffs. (Pol) Rutkowska, U *Warsaw Panstw Zakl Hig Rocz* 23 (3): 333-341. Ref. Eng. Sum. 1972

063211 41.8 T345
Testing for bacterial inhibitors at abattoir of St. Polten – experiences & results. [Meat inspection]. (Ger) Kleibel, A *Wien Tierarztl Monatsschr* 59 (10): 328-331. Ref. Eng. Sum. Oct 1972

063212 95.8 W73
New wine rating. (Ger) Paul, F *Winzer* 28 (5): 112-114. May 1972

063213 41.9 B753
Own serological studies on food products of animal origin in food hygiene & veterinary forensic medicine. (Pol) Gajos, E *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 21: 89-124. Ref. Eng. Sum. 1972

063214 384 Z39
On use of pimaricin for growth inhibition of moulds in foods. (Ger) Kiermeier, F *Z Lebensmittel-untersuchung -Forsch* 151 (3): 179-186. Ref. Eng. Sum. Apr 10, 1973

063215 384 Z39
An introduction to mycotoxin problem. [Food, contamination. (Ger) Frank, H K *Z Lebensmittel-untersuchung -Forsch* 151 (4): 225-230. Ref. Eng. Sum. Apr 26, 1973

063216 384 Z39
Mycotoxins in milk & milk products. (Ger) Kiermeier, F *Z Lebensmittel-untersuchung -Forsch* 151 (4): 237-240. Ref. Eng. Sum. Apr 26, 1973

063217 384 Z39
Mycotoxins in meats. (Ger) Leistner, L *Z Lebensmittel-untersuchung -Forsch* 151 (4): 241-244. Ref. Eng. Sum. Apr 26, 1973

063218 384 Z39
Effect of aflatoxin in animals & in man. [Feed, food, contamination]. (Ger) Bosenberg, H *Z Lebensmittel-untersuchung -Forsch* 151 (4): 245-249. Ref. Eng. Sum. Apr 26, 1973

063219 384 Z39
Conditions for production of some carcinogenic mytoxins. [Food, feed]. (Ger) Orth, R *Z Lebensmittel-untersuchung -Forsch* 151 (4): 267-273. Ref. Eng. Sum. Apr 26, 1973

HUMAN NUTRITION

063220 S19.A32
Pulses & protein malnutrition. [Legumes]. Singh, H P *Agric Agro-ind J* 6 (2): 8-11. Feb 1973

063221 TP368.A4
Low calory food – a theme of today. (Ger) Simon, R *Alimenta* 12 (2): 73. Mar-/Apr 1973

063222 44.8 AM38
Is ice cream a natural food? Arbuckle, W S *Amer Dairy Rev* 35 (4): 30i-30K. Apr 1973

063223 41.9 C67
Dietetics of man through animal nutrition. (Spa) Ferrando, R *An Col Ofic Vet Prov (barcelona)* 30 (342): 3-19. Ref. Jan 1973

063224 RA421.A5
News on proteins. (Fre) Verry, M *Ann Hyg Langue Fr Med & Nutr* 8 (4): 57-60, 62-63, 65-66, 69. Oct/Dec 1972

063225 389.8 AN73
Traditional technology of sorghum in Cameroun: Influence of pestling on nutritional value. (Fre) Favier, J C *Ann Nutr Aliment* 26 (6): 221-250. Ref. Eng. Sum. 1972

063226 389.8 AR22
Chemical composition, amino acid content & biological quality of opaque-2 corn. [Feed, human nutrition]. (Spa) Yanez, E *Arch Latinoamer Nutr* 23 (1): 113-121. Ref. Eng. Sum. Mar 1973

063227 389.8 AR22
Iron absorption from skim milk enriched with iron glycerophosphate. [Children, nutrition]. Layrisse, M *Arch Latinoamer Nutr* 23 (1): 145-150. Mar 1973

063228 389.8 AR22
Isolated protein from linseed meal. I. Nutritive value & toxicological tests. [Human nutrition]. (Spa) Sambucetti, M E *Arch Latinoamer Nutr* 23 (1): 79-94. Ref. Eng. Sum. Mar 1973

063229 389.8 AR22
Protein value of by-products of wheat industry. II. Complementation & supplementation of wheat-shorts with protein concentrates. [Human nutrition]. (Spa) Elias, L G *Arch Latinoamer Nutr* 23 (1): 95-111. Ref. Eng. Sum. Mar 1973

063230 HD1940.C95A1
Determination of beta-carotene in preserved & fresh green feedstuffs. (Cze) Tusl, J *Brno Vysoka Sk Zemedel Sb Rada D Spisy Fak Provozne Ekon* 8 (2): 197-201. Eng. Sum. 1972

063231 S41.E6
Cholesterol turnover. [Rats, human nutrition]. *CSU Res (colo State Univ)* 21 (1): 6-7. Oct/Dec 1972

063232 389.8 D482
Protein quality of feed & food. (Ger) Schulz, E *Deut Lebensmittel-rundsch* 69 (1): 55-59. Jan 1973

063233 290.9 M57
About sanitary evaluation of rapeseed oil. (Hun) Kramer, Mrs M *Elelmezesi Ipar* 26 (11): 336-339. Eng. Sum. Nov 1972

063234 389.8 F737
New corn protein isolate: Nutritive, functional. Nielsen, H C *Food Eng* 45 (4): 76-77. Ref. Apr 1973

063235 aTX341.F615
School lunch in High Point: a community's pride. Stecker, L *Food Nutr* 3 (2): 13-15. Apr 1973

063236 aTX341.F615
Special food service for summer! in Portland. Montoya, B *Food Nutr* 3 (2): 2-3. Apr 1973

063237 aTX341.F615
Special food service for summer !: in Cincinnati. Luck, J *Food Nutr* 3 (2): 4-9. Apr 1973

063238 389.8 F7333
A survey of vitamin content of some 2000 foods as they are consumed by selected groups of Australian population. 1. Tables of vitamin content analysed per 100 g portions. 2. Dietary & biochemical findings Nobile, S *Food Technol Australia* 25 (2): 80-100. Ref. Feb 1973

063239 389.8 F7398
Effects of reheating convenience foods. [Nutritive value]. Lachance, P A *Food Technol* 27 (1): 36-39. Jan 1973

063240 80 F9493
Short observation on richness in vitamin C of four apple varieties in 1972. (Fre) Trzcinski, T *Fruit Belg* 41 (361): 73-76. Jan/Mar 1973

063241 68.8 G65
Follow – up of canning process by thin layer chromatography: cholesterol content of 'Szeged fish soup' – a Hungarian speciality. Aczel, A *Gordian* 72 (5): 188-189. May 1972

063242 68.8 G65
Nutritive value of commercial cocoa drinks. (Ger) Lehmann, G *Gordian* 73 (3): 82, 84. Ref. Mar 1973

063243 68.8 G65
Low calorie nutrition. (Ger) Kotter, L *Gordian* 73 (4): 151-152. Apr 1973

063244 QP801.V5S4 1967
Thiamine. XIV. Requirements of man. Sebrell, W H *In Sebrell, William Henry. The Vitamins; Chemistry, Physiolo Gy, Methods, 2D ed.* 5: 162-164. Ref. 1972

063245 TS195.6.S4 1971
Nutritional labeling: a nutritionist viewpoint. Briggs, G M *In Seminar on Packaging Legislation and Regulations; Curre Nt Status and Future Prospects, Burlingame and Los Angeles* P. 41-45. Feb 1972

063246 HD2065.6.A8
Nutrition & recent change in nutrition of Afghanistan. (Ger) Fischer, L *In Steigerung der Landwirtschaftlichen Produktion und ihr E Weiterverarbeitung in Afghanistan* 6: 22-56. 1972

063247 HD9000.A1J68
Food preparation & attitudes. Kahn, P *J Food Distrib Res* 3 (1): 52-53. July 1972

063248 389.8 F7322
Vitamin E content of selected baby foods. Davis, K C *J Food Sci* 38 (3): 442-446. Ref. Mar/Apr 1973

063249 389.8 F7322
Fluorometric determination of vitamin A in foods. Erdman, J W *J Food Sci* 38 (3): 477-449. Ref. Mar/Apr 1973

063250 389.8 F7322
Difference taste thresholds for sodium chloride among young adults: an interlaboratory study. Johansson, B *J Food Sci* 38 (3): 524-527. Ref. Mar/Apr 1973

063251 44.8 J824
Milk allergy. Spies, J R *J Milk Food Technol* 46 (4): 225-231. Ref. Apr 1973

063252 44.8 J824
Health foods versus traditional foods: A comparison. Appledorf, H *J Milk Food Technol* 46 (4): 242-244. Apr 1973

063253 389.8 J82
Vitamin C depletion & in vitro uptake & organification of 131I [iodine] by guinea pig thyroid tissue. [Human nutrition Ü. Kassouny, M E *J Nutr* 102 (6): 797-804. Ref. June 1972

063254 389.8 J82
Thiamin deficiency: liver metabolite levels & redox & phosphorylation states in thiamin-deficient rats. [Human nutrition]. Veech, R L *J Nutr* 103 (2): 267-272. Feb 1973

063255 389.8 J82
Influence of food intake frequency on 26-14C-cholesterol turnover in pullets fed a basal & cholesterol-enriched die. [Human nutrition]. Bobek, P *J Nutr* 103 (5): 706-712. May 1973

063256 382 SO12
Relevance of animal feeding trials to human dietary requirements. Blaxter, K L *J Sci Food Agr* 23 (8): 941-948. Ref. Aug 1972

063257 44.8 M26
Lactose malabsorption. (Dan) Edelsten, D *Maelkeritidende* 86 (8): 233-237. Feb 23, 1973

063258 44.8 M47
Milk supply to children in northern Norway deserves much attention. (Nor) Torp, K H *Meieriposten* 62 (11): 209-212. Mar 17, 1973

063259 18 N39
Nutrition report. (Ger) Meyer, H *Mitt Deut Landwirt-ges* 88 (15): 412-413. Apr 12, 1973

063260 500 N21P
'recommended daily allowances' for vitamin C. [Human nutrition]. Yew, M S *Nat Acad Sci Proc* 70 (4): 969-972. Apr 1973

063261 TX341.N825
Place of sugar in balanced diet. Hollingsworth, D *Nutr Food Sci* 31: 18-19. Apr 1973

063262 TX341.N825
Food for thinking. [Malnutrition]. Dobbing, J *Nutr Food Sci* 31: 2-4. Apr 1973

063263 TX341.N825
Some food customs & beliefs – in South Africa. Galli, E *Nutr Food Sci* 31: 5-7. Apr 1973

063264 TX341.N825
Home Food Preservation Section at Long Ashton Research Station. Leach, M *Nutr Food Sci* 31: 8-9. Apr 1973

063265 RC620.A1N8
Biologic adequacy of fish protein concentrate in five generations of mice. [Human nutrition]. Newberne, P M *Nutr Rep Int* 7 (4): 181-192. Ref. Apr 1973

063266 8 P832J
Protein content & amino acid balance of yams. Martin, F W *P R Univ J Agr* 57 (1): 78-83. Jan 1973

063267 25 P543
Relation of carotene & starch content of some twenty-six varieties of sweet potatoes (Ipomoea batatas). [Vitamin A]. Garcia, E H *Philippine J Plant Indus* 35 (3/4): 203-215. Ref. 1970 (Pub. 1972)

063268 14 P944
Place of dairy products in human nutrition. (Fre) Peeters, E G *Propr Terrienne* 26 (303): 92-93, 95. Mar 1973

063269 389.8 P95
II Congress of Polish Science, & science of food. (Pol) Rutkowski, A *Przem Spozyw* 26 (3): 97-99. Eng. Sum. 1972

063270 50.9 R24
Controversy over relationship of animal fat to heart disease. Jacobson, N *Reciprocal Meat Conf Proc* 25Th: 238-242. 1972

063271 442.9 H36
A method of data processing for food-consumption surveys. Ahlstrom, A *Suomalainen Tiedeakatemia Ann Ser A Iv Biol* 194, 8 P. Ref. 1972

063272 HD1969.S9
One turns to eating in Italian style with a gastronomic passport. (Ita) Cerdonio, B *Sviluppo Agr* 6 (9): 39-40. Sept 1972

063273 1 AG84PRO
Training manual: Special Summer Food Service Program. *U S D A Pa* 1031, 27 P. 1973?

063274 449.9 W26
New tables of nutritive values. (Pol) Piekarska, J *Warsaw Panstw Zakl Hig Rocz* 23 (3): 325-331. Ref. Eng. Sum. 1972

063275 449.9 W26
Influence of traditional & centrifuge technology of cottage cheese production on distribution & processing balance of some nutrients. (Pol) Bartnik, J *Warsaw Panstw Zakl Hig Rocz* 23 (3): 343-351. Ref. Eng. Sum. 1972

063276 389.1 W892
A nutrition policy for Nigeria. Oke, O L *World Rev Nutr Diet* 14: 1-47. Map. Ref. 1972

063277 389.1 W892
Physiological effect of protein deficiency with special reference to evaluation of protein nutrition & protein requirement. Yoshimura, H *World Rev Nutr Diet* 14: 100-133. Ref. 1972

063278 389.1 W892
Amino acid homeostasis in gut lumen & its nutritional significance. Nasset, E S *World Rev Nutr Diet* 14: 134-153. Ref. 1972

063279 389.1 W892
School lunch – a tool for nutrition education. Hill, M M *World Rev Nutr Diet* 14: 257-268. 1972

063280 389.1 W892
Nutrition of infants & preschool children in North Central Region of United States of America. Eppright, E S *World Rev Nutr Diet* 14: 269-322. Ref. 1972

063281 389.1 W892
Some aspects of food & nutrition in Sierra Leone. Thomas, H M *World Rev Nutr Diet* 14: 48-58. Ref. 1972

063282 41.9 B753
Time & heating-effect of vitamin A loss in bovine liver. (Pol) Monkiewicz, J *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 21: 215-224. Ref. Eng. Sum. 1972

HOME ECONOMICS

063283 18 N11
Agricultural household, trends in development & socialeconomic aspects. (Ger) Schneiderhohn, R *Ausbildung Beratung LandHauswirtsch* 25 (11): 193-196. Ref. Nov 1972

063284 321.8 C162
Household scientist in international development. Hulse, J H *Can Home Econ J* 23 (2): 3-4, 6-16. Apr 1973

063285 275.249 F26
Home economics advisory work in a changing agriculture. [West Germany]. Tamke, L *OECD Agric Rev* 19 (4): 119-121. 1972

063286 47.9 P87
Test for use of some commerical feed mixtures for poultry in feeding of pheasants. II. Feeding & rearing of pheasant chicks. (Pol) Gawecki, K *Postepy Drobiarstwa* 14 (2): 63-73. Ref. Eng. Sum. Jun 1972

063287 1 AG84F
Simple plumbing repairs for home & farmstead. *U S D A Farmers' Bull* 14 P. Dec 1972

063288 275.29 W522M
Easy-tomake curtains. *W Va Univ Ext Misc Publ* 303, 4 P. 1973

AGRICULTURAL PRODUCTS — GENERAL

063289 385 AF4
Study of volatile products formed by self-oxidation. [oils]. (Fre) Prevot, A *Afinidad* 29 (302): 1117-1126, 1129-1136. Ref. Eng. Sum. Dec 1972

063290 385 AF4
Demonstration, estimation & study of non-volatile products of oxidation through thin layer chromatography. (Fre) Naudet, M *Afinidad* 29 (302): 1141-1151. Eng. Sum. Dec 1972

063291 TP368.A4
Irradiation of food. I. (Ger) Zehnder, H J *Alimenta* 12 (2): 57-63. Mar/Apr 1973

063292 TP368.A4
Sorbitol in food & condiments. (Ger) Hadert, H *Alimenta* 12 (2): 66. Mar/Apr 1973

063293 290.9 AM32T
A generalized theory of sorption phenomena in biological materials. II. Adsorption compression on sorbing biological materials – a density function for sorbed water. Ngoddy, P O *Amer Soc Agr Eng Trans ASae* 15 (6): 1153-1159. Ref. Nov/Dec 1972

063294 290.9 AM32T
A television-scanned, digital planimeter & dimension gage for measuring size of agricultural produce. Buckley, D J *Amer Soc Agr Eng Trans ASae* 15 (6): 1168-1170. Ref. Nov/Dec 1972

063295 448.3 AP5
Production & heat stability of staphylococcal nuclease. [Food, Staphylococcus aureus]. Erickson, A *Appl Microbiol* 25 (3): 332-336. Mar 1973

063296 448.3 AP5
Turbidimetric assay of staphylococcal nuclease. [Food, Staphylococcus aureus]. Erickson, A *Appl Microbiol* 25 (3): 337-341. Ref. Mar 1973

063297 389.9 AR1
State of preparatory work for standardization of starch identification. (Ger) Meuser, F *Arb Getreideforsch Ber Getreidechem-tag* 7 (146): 111-120. Ref. June 20/22, 1972

063298 389.9 AR1
Comparison of methods to identification of starch damages in meal products. (Ger) Belderok, B L T *Arb Getreideforsch Ber Getreidechem-tag* 7 (146): 247-259. Ref. June 20/22, 1972

063299 389.8 SI1
Role of pH[hydrogen-ion concentration] in cake baking. Ash, D J *Bakers Dig* 47 (1): 36-39, 42, 68. Feb 1973

063300 389.8 SI1
Effects of mixing time & emulsifier on yellow layer cakes containing butter. Guy, E J *Bakers Dig* 47 (1): 43-46, 48. Feb 1973

063301 389.8 SI1
Rationale for baking wheat-, gluten-, egg-, & milk-free products. Bowman, F *Bakers Dig* 47 (2): 15-18, 21-52. Ref. Apr 1973

063302 SD1.B71
Comparative study between surface & slope ovens for manufacture of plant charcoal. (Por) Osse, L *Bras Florestal* 3 (12): 29-32. Oct/Dec 1972

063303 390.8 B732
Development & future production of dietetic alcohol free beverages for refreshment. (Ger) Reinhardt, W *Brauwelt* 113 (17): 317-318. Mar 7, 1973

063304 390.8 B732
Osmophilic yeasts in refreshment beverage industry. (Ger) Sand, F E M J *Brauwelt* 113 (17): 320-321. Mar 7, 1973

063305 390.8 B732
Osmophilic yeasts in soft drink industry. (Ger) Sand, F E M J *Brauwelt* 113 (21): 414-416, 418-419. Ref. Mar 23, 1973

063306 390.8 B732
Brewing industry in German & European competition. (Ger) Ernstberger, A *Brauwelt* 113 (24): 481-484. Apr 4, 1973

063307 390.8 B732
Comments on official determination of original gravity of beer. (Ger) Weyh, H *Brauwelt* 113 (27): 555-561. Ref. Eng. Sum. Apr 13, 1973

063308 390.8 B732
Addition of 'spent hops' and 'trub' during mashing. I. Time-point of addition and effects of various high hop rates during the first boiling. [Beer]. (Ger) Narziss, L *Brauwelt* 113 (27): 562-564. Eng. Sum. Apr 13, 1973

063309 390.8 B732
Results of small malting with new brewing barley varieties. (Ger) Pohlmann, R *Brauwelt* 113 (27): 573-575. Apr 13, 1973

063310 390.8 B733
Attempts to increase free alpha-aminonitrogen content in brewing with unmalted adjuncts. (Ger) Scherer, A *Brauwissenschaft* 26 (4): 101-108. Eng. Sum. Apr 1973

063311 390.8 B733
Sulfur dioxide content of beer. (Ger) Klopper, W J *Brauwissenschaft* 26 (4): 109-111. Eng. Sum. Apr 1973

063312 390.8 B733
Problems concerning pulverisation of malt products. (Ger) Vorwerck, K D *Brauwissenschaft* 26 (4): 111-115. Eng. Sum. Apr 1973

063313 390.8 B733
Dependence of viscosity & density of worts & beers on temperature. (Ger) Asselmeyer, F *Brauwissenschaft* 26 (4): 93-101. Ref. Eng. Sum. Apr 1973

063314 390.8 B75
Thin-layer chromatography of beer phenolics. On composition of humic & testinic acids. Dadic, M *Brew Dig* 48 (4): 66-70. Ref. Apr 1973

063315 HD1940.C95A1
Colorimetry of polyphenols (tannins) with ferric salts. Reaction in acidic medium. (Cze) Marek, K *Brno Vysoka Sk Zemedel Sb Rada D Spisy Fak Provozne Ekon* 8 (2): 103-117. Eng. Sum. 1972

063316 14 P215BC
Utilization of enzymes in agricultural & food industries. (Fre) Bertrand, D *C R Seances Acad Agric Fr* 14: 1093-1096. 1972

063317 450 C115
Note on pulque & mezcal. [Agave]. (Spa) Gold, D B *Cactaceas Suculentas Mex* 18 (1): 27-28. Eng. Sum. Jan/Mar 1973

063318 TP368.C3
Food technology research & training requirements with particular reference to South & South East Asia. Parpia, H A B *Can Inst Food Technol J* 6 (2): A42-a50. Ref. Apr 1973

063319 59.8 C333
Protein-fortified extruded food products. Conway, H F *Cereal Sci Today* 18 (4): 94-97. Ref. Apr 1973

063320 68.18 C33
Fluoride in black tea. Karunanayake, E H *Ceylon Tea Res Inst Tea Quart* 43 (3): 111-113. Sept 1972

063321 68.18 C33
By-products of tea. Wickremasinghe, R L *Ceylon Tea Res Inst Tea Quart* 43 (3): 85-87. Sept 1973

063322 68.18 C33
Products from tea seeds. I. Extraction & properties of oil. Roberts, G R *Ceylon Tea Res Inst Tea Quart* 43 (3): 88-90. Sept 1972

063323 68.18 C33
Products from tea seeds. 2. Extraction & properties of saponins. Silva, U L L de *Ceylon Tea Res Inst Tea Quart* 43 (3): 91-94. Ref. Sept 1972

063324 389.8 D482
Guide to sensory evaluation of products of soup industry by tasting analysis. (Ger) Jellinek, G *Deut Lebensmittel-rundsch* 68 (12): 389-393. Dec 1972

063325 389.8 D482
A simple kinetic method to determine amylase count in honey. (Ger) Zurcher, K *Deut Lebensmittel-rundsch* 68 (7): 209-216. Ref. Eng. Sum. July 1972

063326 389.8 D482
Gas chromatographic determination of sugars & sugar alcohols in foodstuffs. (Ger) Muller, B *Deut Lebensmittel-rundsch* 68 (7): 222-227. Ref. Eng. Sum. July 1972

063327 389.8 D482
Observations of reaction kinetics in relation to heat sterilization of food. (Ger) Nehring, P *Deut Lebensmittel-rundsch* 69 (1): 12-20. Ref. Jan 1973

063328 389.8 D482
Problems in manufacturing semi-processed fish. (Ger) Meyer, V *Deut Lebensmittel-rundsch* 69 (1): 20-25. Jan 1973

063329 389.8 D482
Keeping quality & conservation of consumer milk products. (Ger) Samuelsson, E G *Deut Lebensmittel-rundsch* 69 (1): 32-35. Jan 1973

063330 389.8 D482
Indicators of start of qualitative changes in food. (Ger) Eichner, K *Deut Lebensmittel-rundsch* 69 (1): 4-12. Ref. Jan 1973

063331 389.8 D482
Preventive & repressive measures for processing, packing, & controlling food. (Ger) Gogge, W *Deut Lebensmittel-rundsch* 69 (1): 60-64. Jan 1973

063332 44.8 SU2
Low calory & dietetic food. (Ger) Schauff, M *Deut Molk-zeitung* 94 (3): 81. Jan 18, 1973

063333 QD1.E3
Differential thermal analysis in food investigations. [Sausages, Margarine, lard]. Greenwood, R F *Educ Chem* 9 (3): 104-106. May 1972

063334 TD201.E3
High rate biofiltration system for food pilot plants. Munden, J E *Effluent Water Treat J* 13 (3): 159-161, 163-165. Mar 1973

063335 290.9 M57
Results & tasks of latest research activities on objective qualification & acceptance on raw materials in food industries. (Hun) Szilagyi, J *Elelmezesi Ipar* 26 (11): 321-325. Eng. Sum. Nov 1972

063336 290.9 M57
Production of powdered foods by azeotrop-mixture dehydration. (Hun) Pap, L *Elelmezesi Ipar* 26 (11): 326-329. Eng. Sum. Nov 1972

063337 290.9 M57
Storage situation in food industries. (Hun) Szoke, M *Elelmezesi Ipar* 26 (11): 340-344. Eng. Sum. Nov 1972

063338 475 EX7
Presence of pectin methylasterase in cacao pulp. Gamble, W *Experientia* 29 (4): 421. Apr 15, 1973

063339 475 EX7
Peroxidase mediated oxidation of tyrosine: tyrosine tydroxylation in tea leaves. Singh, D V *Experientia* 29 (4): 422. Ref. Apr 15, 1973

063340 389.9 F7354CO
Committee on Commodity Problems, forty-eighth session, report of Seventh Session of Intergovernmental Group on Oilseeds, Oils & Fats, Rome, 12-16 February 1973. *F A O CCp (comm Commod Probl)* 73/4, 20 P. Mar 1973

063341 384 C422
Taxonomic patterns in triglyceride structure of natural fats. Litchfield, C *Fette Seifen Anstrichmittel* 75 (4): 223-231. Ref. Apr 1973

063342 384 C422
Estimation of total more polar products in frying oils by biquid chromatography. Aitzetmuller, K *Fette Seifen Anstrichmittel* 75 (4): 256-260. Ref. Apr 1973

063343 384 C422
Investigation & assay of fried food. (Ger) Purazrang, H *Fette Seifen Anstrichmittel* 75 (4): 260-265. Eng. Sum. Apr 1973

063344 384 C422
Hydrophilic adsorption materials in food industry. (Ger) Wacks, K *Fette Seifen Anstrichmittel* 75 (4): 275-277. Apr 1973

063345 TP450.A1F55
Herbs & spieces – a bibliography. II. Heath, H *Flavour Ind* 4 (2): 65-66, 68-69. Feb 1973

063346 TP450.A1F55
Chemical examination of flower oil of Ageratum conyzoides L. Sood, V K *Flavour Ind* 4 (2): 77-78. Feb 1973

063347 TP450.A1F55
Flavours past & present. Short, G R A *Flavour Ind* 4 (2): 80-83. Feb 1973

063348 389.8 F737
Bioengineers' role expanding. [Food technology]. Sfat, M R *Food Eng* 45 (4): 100-102, 104. Apr 1973

063349 389.9 N57
Studies on secondary amines in foods. I. Modified copper-dithiocarbamate colorimetric method for determination of secondary amines. [Fishery products]. (Jap) Kawabata, T *Food Hyg Soc Jap J* 14 (1): 31-36. Ref. Eng. Sum. Feb 1973

063350 389.8 F736
Delta-lactones in flavouring. [Food]. Als, G *Food Manufacture* 48 (1): 31-32. Ref. Jan 1973

063351 389.8 F7333
Temperature function integration & its importance in storage & distribution of flesh foods above freezing point. Olley, J *Food Technol Australia* 25 (2): 66-68, 70, 73. Ref. Feb 1973

063352 68.8 G65
Stability in relation to storage keeping quality of frozen food. (Ger) Timm, F *Gordian* 72 (6): 206-209. Ref. June 1972

063353 68.8 G65
Disinfection of surfaces in food hygiene. (Ger) Weidle, H *Gordian* 72 (6): 214-217. Ref. June 1972

063354 68.8 G65
Aspects of packaging frozen food & similar products. (Ger) Kumin, A *Gordian* 72 (6): 221-226. June 1972

063355 68.8 G65
Characterization of honey with regard to plant origin by means of Kirkwood number. (Ger) Schmid, M J *Gordian* 73 (1): 9. Jan 1973

063356 68.8 G65
Organoleptic problems in relation to sugar substitutes in food. (Ger) Eijk, A van *Gordian* 73 (2): 44, 46-49. Feb 1973

063357 68.8 G65
Modified method for determination of benzidine content in cocoa butter & in fats used in chocolate products. (Ger) Popov, A *Gordian* 73 (2): 55-58. Ref. Feb 1973

063358 68.8 G65
Milling & refining of chocolate liquor. Campbell, M O *Gordian* 73 (2): 61-63. Feb 1973

063359 68.8 G65
Why use extrusion. [Food processing]. Smith, O B *Gordian* 73 (2): 65-68. Feb 1973

063360 68.8 G65
Problems between technology & legislation relating to food with carbohydrate content. (Ger) Kammerer, F X *Gordian* 73 (3): 96-99. Ref. Mar 1973

063361 68.8 G65
Storage temperature of deep frozen foods. (Ger) Hein, G *Gordian* 73 (4): 122, 124, 126. Apr 1973

063362 68.8 G65
Polyamide plastics for food packaging. (Ger) Betz, W *Gordian* 73 (4): 143-145. Apr 1973

063363 68.8 G65
Modern plastic foils for packaging based on polypropylene. (Ger) Idler, G *Gordian* 73 (4): 145-146. Eng. Sum. Apr 1973

063364 307.8 G76
Refining of oils: A study on neutralisation loss determinations & its relation to industrial plant losses. (Spa) Prieto Soler, J M *Grasas Aceites* 23 (6): 419-427. Ref. Eng. Sum. Nov/Dec 1972

063365 S19.G74
Storage losses prevention. [Grain]. Pingale, S V *Green Revolution* P. 127-132, 134. 1972

063366 100 IL64
Canned pork & soybeans: a nutritious & tasty new product. Wei, L S *Ill Res* 15 (2): 6-7. Spring 1973

063367 QK898.P8P5
Hilaire Marin Rouelle (1718 – 79. [Food chemists]. *In Pirie, Norman W. Leaf Protein: Its Agronomy, Preparation, Quality and Use* P. 164-165. 1971

063368 QP801.V5S4 1967
Thiamine. V. Occurrence in foods. [Thiamine]. Lamden, M P *In Sebrell, William Henry. The Vitamins; Chemistry, Physiolo Gy, Methods, 2D ed.* 5: 114-120. Ref. 1972

063369 22 IN283
Jute technological research laboratories. Bandyopadhyay, S B *Indian Farming* 22 (6): 63-66. Sept 1972

063370 302.8 IN23
Some studies on high yield pulping of bamboo. III. Pulp yield vis-a-vis a cooking system & reuse of wastes from bamboo. Banthia, K M *Indian Pulp Pap* 27 (1/2): 16-25. July/Aug 1972

063371 302.8 IN23
A comparative study of bagasse & wheat straw pulping for paper making. Misra, D K *Indian Pulp Pap* 27 (1/2): 7-11, 13, 15, 18. July/Aug 1972

063372 HD9210.I5I5
Spices from india. *Indian Spices* 9 (3/4): 1-12. 1972

063373 65.8 IN26
Art & craft of chocolate making. Nyffeler, E F *Indian Sugar (calcutta)* 22 (8): 641-644, 652. Nov 1972

063374 383 AS7
Calculation of lethality of conduction thermal treatments applied to cylindrical cans. (Fre) Flambert, C M F *Indus Aliment Agr* 90 (1): 5-10. Ref. Eng. Sum. Jan 1973

063375 389.8 IN24
Fish meal. (Spa) Quiroga, D *Indus Conserv* 38 (400): 280-282. Oct 1972

063376 389.8 IN24
1972, As a year for canning. (Spa) *Indus Conserv* 38 (402): 331-332. Dec 1972

063377 20 M57AG
Formation of cooperative associations in agriculture & in food industry of German Democratic Republic & some results & conclusions of their activity. (Ger) Godau, E *Int Z Landwirt* 1: 23-27. 1973

063378 475 IS72
Further improvemens to a rapid method for routine determination of sodium benzoate and/or potassium sorbate in foodstuffs. Monselise, J J *Israel J Technol* 10 (6): 451-452. 1972

063379 16 IT1
Honey: miraculous expression of creativity of nature. (Ita) Koch, E *Ital Agr* 109 (11): 1177-1182. Nov 1972

063380 58.8 J82
Equilibrium moisture content of hops. Henderson, S M *J Agr Eng Res* 18 (1): 55-58. Mar 1973

063381 307.8 J82
Use of silicones in frying oils. Freeman, I P *J Amer Oil Chem Soc* 50 (4): 101-103. Ref. Apr 1973

063382 307.8 J82
New castor oil-based urethane elastomers. Lyon, C K *J Amer Oil Chem Soc* 50 (4): 112-114. Apr 1973

063383 307.8 J82
Sterol composition of 19 vegetable oils. Itoh, T *J Amer Oil Chem Soc* 50 (4): 122-125. Ref. Apr 1973

063384 307.8 J82
Chemical reactions involved in deep fat frying of foods: vi. Characterization of nonvolatile decomposition products of trilinolein. Paulose, M M *J Amer Oil Chem Soc* 50 (5): 147-154. Ref. May 1973

063385 307.8 J82
Studies on fixed oil of seeds of Sida acuta Burm. Rao, R E *J Amer Oil Chem Soc* 50 (5): 168-169. May 1973

063386 HD9000.A1J68
Some thoughts on selecting a consultant. [Food industry]. Krueckeberg, H F *J Food Distrib Res* 3 (3): 9-12. Ref. Nov 1972

063387 389.8 F7322
Some minor volatile components from thermally degraded thiamine. [Food]. Dwivedi, B K *J Food Sci* 38 (3): 450-452. Ref. Mar/Apr 1973

063388 389.8 F7322
Effect of carboxymethylcellulose on proteolysis of alphas-casein by immobilized pepsi. [Food proteins]. Valaris, M *J Food Sci* 38 (3): 477-480. Ref. Mar/Apr 1973

063389 389.8 F7322
Effect of carboxymethylcellulose on proteolysis of alphas-casein by immobilized trypsin. [Food]. Valaris, M *J Food Sci* 38 (3): 481-483. Mar/Apr 1973

063390 389.8 F7322
Fluorescent products in a glucose-glycine browning reaction. [Food]. Adhikari, H R *J Food Sci* 38 (3): 486-488. Ref. Mar-/Apr 1973

063391 389.8 F7322
Rheological properties of syrups containing gums. Collins, J L *J Food Sci* 38 (3): 489-492. Mar/Apr 1973

063392 389.8 F7322
Flavor thresholds for fatty acids in buffered solutions. Baldwin, R E *J Food Sci* 38 (3): 528-530. Ref. Mar/Apr 1973

063393 389.8 F7322
Preservation of channel catfish with some selected chemicals. Beuchat, L R *J Food Sci* 38 (3): 531-535. Ref. Mar/Apr 1973

063394 448.3 J823
Taxonomic position of Obesumbacterium proteus, a common brewery contaminant. Priest, F G *J Gen Microbiol* 75 (2): 295-307. Ref. Apr 1973

063395 382 SO12
Chemical composition of some soups & stews of Ghana. Ankrah, E K *J Sci Food Agr* 24 (4): 407-412. Apr 1973

063396 382 SO12
Changes in lipid & fatty acid composition during maturation of seeds of white mustard (Sinapis alba). Dasgupta, S K *J Sci Food Agr* 24 (4): 463-470. Ref. Apr 1973

063397 TP156.R45J6
Identification of stimuli controlling sensory evaluation of viscosity. I. Non-oral methods. [Food]. Shama, F *J Texture Stud* 4 (1): 102-110. Apr 1973

063398 TP156.R45J6
Identification of stimuli controlling sensory evaluation of viscosity. II. Oral methods. [Food]. Shama, F *J Texture Stud* 4 (1): 111-118. Apr 1973

063399 TP156.R45J6
Rheological properties of semi-solid foodstuffs: viscoelasticity & its role in quality control. Davis, S S *J Texture Stud* 4 (1): 15-40. Ref. Apr 1973

063400 TP156.R45J6
Dispersion state of protein-stabilized emulsions: dependence of gobule size & size distribution upon pH [hydrogen-ion concentration] in concentrated oil-in-water systems. Mita, T *J Texture Stud* 4 (1): 41-52. Ref. Apr 1973

063401 389.8 K13
New food products of world & technical reform in their processing. (Jap) Sakurai, J *Kanzume Jiho* 52 (3): 43-45. Mar 1973

063402 68.29 C652
Drying of parchment coffee. Ilsley, P S *Kenya Coffee* 38 (442): 24-25. Jan 1973

063403 TP983.A1K63
Flora helps beauty. [Essential oils]. (Ger) Mildner, T *Kosmet Monatsschr* 21 (12): 8-9. Dec 10, 1972

063404 41.8 V644
Changes of microbiological properties of express frozen precooked meals in relation to packing technology & period of storage. (Hun) Takacs, J *Magyar Allatorv Lapja* 28 (3): 157-161. Ref. Eng. Sum. Mar 1973

063405 390.08 V67
Annual report of Institute for Food Technology at State College for Agriculture & Forestry. (Ger) Klaushofer, H *Mitt Versuchsstn Garungsgewerbe Wien* 27 (1): 3-12. 1973

063406 390.8 B7323 SUPPL.
Direct determination of hydrogen sulphide in beer with selective electrode. (Ger) Spath, G *Monatsschr Brauerei* 25 (4): 91-93. Apr 1972

063407 390.8 B7323 SUPPL.
Determining hop dosage after results of analyses. [Beer]. (Ger) Krauss, G *Monatsschr Brauerei* 25 (4): 93-96. Apr 1972

063408 389.8 N142
New methods for evaluation & analysis of sensory qualities of foodstuffs & for forecast of their changes. VI. calculation of 'relative sweetness' of sugar mixtures with & without addition of acid. (Ger) Herrmann, J *Nahrung* 17 (1): 11-22. Eng. Sum. 1973

063409 389.8 N142
Investigations on fish oils. V. Phospholipid composition of Anguilla vulgaris & Mugil cephalus. Shoeb, Z E *Nahrung* 17 (1): 31-40. Ref. 1973

063410 389.8 N142
Studies on glyceride structure of fats. II. Comparative studies on splitting of natural fats by pancreatic lipase or magnesium methyl bromide. [Lard, sunflower oil, colza oil]. (Ger) Hollstein, E *Nahrung* 17 (1): 93-106. Ref. Eng. Sum. 1973

063411 TX341.N825
Chemical changes during cooking, processing & storage of food. Spencer, M *Nutr Food Sci* 31: 11-14. Apr 1973

063412 55.8 OE8
Water management in fermentation & food industries. (Ger) Biffl, W *Oesterr Wasserwirtsch* 24 (9/10): 200-206. Ref. Sept/Oct 1972

063413 77.8 OL2
Vegetable fat products based on palm oil. (Fre) Kalustian, P *Oleagineux* 28 (3): 141-143. Eng. Sum. Mar 1973

063414 275.249 F26
Freeze-drying of foodstuffs in France. Tracol, P C *OECD Agric Rev* 19 (4): 114-119. 1972

063415 25 P543
Semi-commercial pulping trial of abaca. Garcia, A C *Philippine J Plant Indus* 35 (3/4): 103-125. 1970 (Pub. 1972)

063416 21.5 P752
Handbook for determining volume of containers (gauging). (Cro) Gosic, P G *Poljoprivreda* 239, 101 P. Ref. 1972

063417 385 P93
Study of volatile compounds in Viet Nam black tea. (Rus) Dzhemukhadze, K M *Priklad Biokhim Mikrobiol* 9 (1): 113-116. Ref. Eng. Sum. Jan/Feb 1973

063418 SB290.R9
Effect of Ethrel stimulation on latex concentrate properties. [Hevea, tapping]. Gorton, A D T *Proc RRIM Plant Conf (rubber Res Inst Malaya)* P. 234-254. 1971 (Pub. 1972)

063419 SB290.R9
Effects of Ethrel stimulation on raw rubber properties. [Hevea, tapping]. Subramaniam, A *Proc RRIM Plant Conf (rubber Res Inst Malaya)* P. 255-262. 1971 (Pub. 1972)

063420 SB290.R9
Developments in production of Kualakep oil-extended natural rubbers, evaluation of their properties & market appraisal of OENR. Mitchell, P L *Proc RRIM Plant Conf (rubber Res Inst Malaya)* P. 263-294. 1971 (Pub. 1972)

063421 SB290.R9
Further development towards a tyre rubber. Fah, C S *Proc RRIM Plant Conf (rubber Res Inst Malaya)* P. 295-311. 1971 (Pub. 1972)

063422 SB290.R9
Factors influencing consistency of SMR [Standard Malaysian Rubbers]. Sung, C P *Proc RRIM Plant Conf (rubber Res Inst Malaya)* P. 312-323. 1971 (Pub. 1972)

063423 SB290.R9
R.R.I.M. [Rubber Research Institute of Malaya] Inspectorate in relation to maintenance of SMR [Standard Malaysian Rubbers] standards. Nair, S *Proc RRIM Plant Conf (rubber Res Inst Malaya)* P. 324-335. 1971 (Pub. 1972)

063424 TP1.P7
Caramel – 2. Manufacture, composition & properties. Greenshields, R N *Process Biochem* 8 (4): 17-20. Ref. Apr 1973

063425 TP1.P7
Cellulases. 1. Sources, technology. [Biodegradation, bacteria, fungi]. Pathak, A N *Process Biochem* 8 (4): 35-38. Apr 1973

063426 389.8 P95
Graduates from vocational schools in food industry. (Pol) Kowalczyk, W *Przem Spozyw* 26 (10): 445-449. Eng. Sum. 1972

063427 389.8 P95
Prospects for development of Department of Agricultural Foodstuffs Technology of Agricultural University in Warsaw. (Pol) Berger, S *Przem Spozyw* 26 (3): 100-102. Eng. Sum. 1972

063428 389.8 P95
Optimization of blade & of working parameters of a disc knife for fish processing. (Pol) Kawka, T *Przem Spozyw* 26 (3): 113-115. Eng. Sum. 1972

063429 389.8 P95
Ability of binding endogenous water in fish muscular tissue. (Pol) Podeszewski, Z *Przem Spozyw* 26 (3): 116-119. Ref. Eng. Sum. 1972

063430 389.8 P95
Effect of temperature, pH & ethanol addition on rate of hydrolysis of Baltic sprat stuffing. [hydrogen-ion concentration]. (Pol) Bykowski, P *Przem Spozyw* 26 (3): 120-122. Eng. Sum 1972

063431 389.8 P95
II Congress of Polish Science, & science of food. (Pol) Rutkowski, A *Przem Spozyw* 26 (3): 97-99. Eng. Sum. 1972

063432 389.8 P95
25Th jubilee general meeting of Association of Food Technologists. (Pol) *Przem Spozyw* 26 (7): 281-285. Eng. Sum. 1972

063433 307.8 R32
Analytical problems in field of fats & oils. (Fre) Wolff, J P *Rev Franc Corps Gras* 20 (2): 79-82. Eng. Sum. Feb 1973

063434 307.8 R32
Determination of metallic traces in oils by atomic absorption (graphite furnace). (Fre) Prevot, A *Rev Franc Corps Gras* 20 (2): 95-98. Eng. Sum. Feb 1973

063435 307.8 R32
Stability of sulfated oils after hydrolysis: Study of different factors. (Fre) Pore, J *Rev Franc Corps Gras* 20 (3): 153-157. Ref. Eng. Sum. Mar 1973

063436 68.38 R32
Chemical changes during cocao bean fermentation using tray method in Nigeria. [Cacao]. Seiki, K *Rev Int Choc* 28 (2): 38-42. Feb 1973

063437 389.8 R59
Optimum conditions for determining fat oxidation degree by thiobarbituric method using alkaline hydrolysis. [Food]. (Pol) Witas, T *Rocz Technol Chem Zywn* 22 (3/4): 271-288. Ref. Eng. Sum. 1972

063438 389.8 R59
Investigation, by manometric method of autoxidation of linoleic acid methyl ester. [Food chemistry]. (Pol) Zwierzykowski, W *Rocz Technol Chem Zywn* 22 (3/4): 295-301. Eng. Sum. 1972

063439 65.8 SA2
Effect of various additives on property of swelling food starches. (Rus) Koptelova, E K *Sakharn Prom* 1: 55-59. Jan 1973

063440 95.8 SE5
A study of vinegar by gas chromatography. (Spa) Llaguno, C *Sem Vitivinic* 1367/1368: 4309, 4311, 4313. Oct 21/28 1972

063441 S13.S55
Iodine, copper & cobalt deficiencies in feeds & food products of Altai Mountain region. (Rus) IAnchilin, L V *Sib Vestn S-kh Nauk* 6: 70-76. Nov/Dec 1972

063442 309 ST22
In vitro degradation of starch. Studies by transmission & scanning electron microscopy. (Fre) Gallant, D *Starke* 25 (2): 56-64. Ref. Eng. Sum. Feb 1973

063443 309 ST22
A comparison of starch granules as seen by both scanning electron & ordinary light microscopy. Hall, D M *Starke* 25 (4): 119-123. Apr 1973

063444 309 ST22
Solution properties of amylose acetate-g-poly (styrene). Patel, C M *Starke* 25 (4): 136-141. Ref. Apr 1973

063445 309 ST22
Analysis of an acid hydrolysate of a low-substituted hydroxypropyl starch. Leegwater, D C *Starke* 25 (4): 142-145. Ref. Apr 1973

063446 382 T29
Theaflavins of black tea. Collier, P D *Tetrahedron* 29 (1): 125-142. Ref. Jan 1973

063447 26 T756
Prospects for non-conventional protein resources. Spensley, P C *Trop Sci* 14 (3): 203-233. Ref. 1972

063448 173 AT7ISD
A German evaluation of significance of food irradiation. Wiesner, L *U S At Energy Comm Isotope Syst Develop Program* 9 (1): 73-74. Fall 1971

063449 173 AT7ISD
Radiation pasteurization of gulf shellfish. McKinney, F E *U S At Energy Comm Isotope Syst Develop Program* 9 (1): 75-77. Fall 1971

063450 389.8 V89
Determination of fluorine in food rations & alimentary products by using thorium eriochromocyanine R-complex. (Rus) Mil'china, M G *Vop Pitan* 1: 78-80. Ref. Jan/Feb 1973

063451 389.1 W892
Yeasts grown on hydrocarbons as new sources of protein. Shacklady, C A *World Rev Nutr Diet* 14: 154-179. Ref. 1972

063452 389.1 W892
Color of foods. Little, A C *World Rev Nutr Diet* 14: 59-84. 1972

063453 389.1 W892
Coloring matters of food. Mackinney, G *World Rev Nutr Diet* 14: 85-99. Ref. 1972

063454 384 Z39
Nonenzymic browning. VI. Browning produced by oxidized polyunsaturated lipids on storage with protein in presence of water. [Fish]. Pokorny, J *Z Lebensmittel-untersuchung -Forsch* 151 (3): 157-161. Ref. Apr 10, 1973

063455 20.5 Z5
International symposium on deterioration of lipids, Gdansk, June 1st-4th, 1971. *Zeszyty Probl Postepow Nauk Roln* 136, 292 P. 1973

063456 20.5 Z5
New classification of main kinds of deterioration in fats. Ivanov, S *Zeszyty Probl Postepow Nauk Roln* 136: 111-113. 1973

063457 20.5 Z5
Deterioration of lipids – its influence on technology & final produt. [Edible fats]. Niewiadomski, H *Zeszyty Probl Postepow Nauk Roln* 136: 13-23. Ref. 1973

063458 20.5 Z5
Changes in margarine & bakery compound caused by physical transformations in fat phase during storage. Madsen, J *Zeszyty Probl Postepow Nauk Roln* 136: 147-156. Ref. 1973

063459 20.5 Z5
Individual TBA [trichlorobenzoic acid]-reactivity of various products of lipid oxidation. [Oils, fats]. Marcuse, R *Zeszyty Probl Postepow Nauk Roln* 136: 157-163. 1973

063460 20.5 Z5
Nature of oxidized fatty acids. [Fats, oils]. Naudet, M *Zeszyty Probl Postepow Nauk Roln* 136: 165-170. 1973

063461 20.5 Z5
Apolar steroids in margarine. Niewiadomski, H *Zeszyty Probl Postepow Nauk Roln* 136: 171-176. Ref. 1973

063462 20.5 Z5
Identification of components in deteriorated frying fats. Perkins, E G *Zeszyty Probl Postepow Nauk Roln* 136: 177-182. Ref. 1973

063463 20.5 Z5
Reaction of fat peroxides with protein. Pokorny, J *Zeszyty Probl Postepow Nauk Roln* 136: 191-194. Ref. 1973

063464 20.5 Z5
Collection techniques for GLC [Gas liquid chromatography[determination of oil volatiles at panel test thres-. Prevot, A *Zeszyty Probl Postepow Nauk Roln* 136: 195-201. Ref. 1973

063465 20.5 Z5
Determination of antioxidant activity of cocoa hull extract. Salmonowicz, J *Zeszyty Probl Postepow Nauk Roln* 136: 215-219. 1973

063466 20.5 Z5
Changes in composition of fatty acids in some fish during storage. Salmonowicz, J *Zeszyty Probl Postepow Nauk Roln* 136: 221-226. 1973

063467 20.5 Z5
The effect of the time of storage on the acidity of fat in some canned fish. Wierzchowski, J *Zeszyty Probl Postepow Nauk Roln* 136: 247-253. 1973

063468 20.5 Z5
Chain initiation & phenol inhibitor effectiveness during autoxidation of unsaturated fatty acid methyl esters & glycerides. [Oils, fats]. Ianishlieva, N V *Zeszyty Probl Postepow Nauk Roln* 136: 259-266. Ref. 1973

063469 20.5 Z5
Autoxidation kinetics of some unsaturated fatty acid methyl esters. [Food]. Zwierzykowski, W *Zeszyty Probl Postepow Nauk Roln* 136: 273-277. 1973

063470 20.5 Z5
Autoxidation thermodynamics of some unsaturated fatty acid methyl esters. [Food]. Zwierzykowski, W *Zeszyty Probl Postepow Nauk Roln* 136: 279-283. 1973

063471 20.5 Z5
Metal catalyzed lipid oxidation. [Food]. Marcuse, R *Zeszyty Probl Postepow Nauk Roln* 136: 33-42. Ref. 1973

063472 20.5 Z5
Protection of lipids against autoxidation. [Food]. Pokorny, J *Zeszyty Probl Postepow Nauk Roln* 136: 43-54. Ref. 1973

063473 20.5 Z5
Kinetics & thermodynamics of fats autoxidation. [Food]. Zwierzykowski, W *Zeszyty Probl Postepow Nauk Roln* 136: 55-69. Ref. 1973

063474 20.5 Z5
Relationship between autoxidation of triglycerides & chlorophylls transformation. [Vegetable oils]. Bratkowska, I *Zeszyty Probl Postepow Nauk Roln* 136: 71-75. 1973

063475 20.5 Z5
Influence of tocopherol concentration in some fish oils upon their oxidation. Brzeska, Z *Zeszyty Probl Postepow Nauk Roln* 136: 77-80. 1973

063476 20.5 Z5
Loss of biological value of some fish oils during storage. Doboszynska, B *Zeszyty Probl Postepow Nauk Roln* 136: 81-86. Ref. 1973

063477 20.5 Z5
Separation of autoxidized phospholipids. [Food]. Hladik, J *Zeszyty Probl Postepow Nauk Roln* 136: 87-91. Ref. 1973

063478 20.5 Z5
Oxidative stability of some diacyl triglycerides. [Oils, fats]. Hoffman, G *Zeszyty Probl Postepow Nauk Roln* 136: 93-98. Ref. 1973

063479 20.5 Z5
Factor influencing autoxidation of fats & gatty acids. Hollo, J *Zeszyty Probl Postepow Nauk Roln* 136: 99-109. Ref. 1973

DAIRY PRODUCTS

063480 SF604.B7
Electrophoretic analysis of milk proteins in subclinical mastitis. [Dairy cattle]. Jankova, B *Acta Vet (brno)* 41 (3): 297-302. Ref. 1972

063481 49 C43
Technology on milk & dairy products. 11. (Jap) Nakae, T *Anim Husb (tokyo)* 26 (11): 91-96. Nov 1972

063482 49 C43
Technology on milk & dairy products. 15. (Jap) Nakae, T *Anim Husb (tokyo)* 27 (4): 91-94. Apr 1973

063483 448.3 AP5
Fractionation of dipeptidase activities of Streptococcus lactis & dipeptidase specificity of some lactic acid bacteria. Sorhaug, T *Appl Microbiol* 25 (3): 388-395. Ref. Mar 1973

063484 44.8 AU74
Triglyceride composition of Austrialian butterfat. Parodi, P W *Aust J Dairy Technol* 27 (4): 140-143. Ref. Dec 1972

063485 SF221.S83
Regulation of lactic acid in cheese & starters. (Dan) Birkkjaer, H E *Bil Arsberet Statens Forsogsmejeri* 32 (Supp.): 13-23. 1973

063486 SF221.S83
Regulation of water soluble calcium in cheese. (Dan) Birkkjaer, H E *Bil Arsberet Statens Forsogsmejeri* 32 (Suppl.) 23-29. 1973

063487 SF221.S83
Examination of nitrogen compounds in butter. (Dan) Fisker, A N *Bil Arsberet Statens Forsogsmejeri* 32 (Suppl.) 5-9. 1973

063488 SF221.S83
Research in the addition of hydrogen peroxide to cheese brine. (Dan) Birkkjaer, H E *Bil Arsberet Statens Forsogsmejeri* 32 (Suppl.): 10-12. 1973

063489 SF221.S83
Testing of Cheesoflex laminating film. [Packagineg. (Dan) Birkkjar, H E *Bil Arsberet Statens Forsogsmejeri* 32 (Suppl.): 29-31. 1973

063490 SF221.S83
Production of skim milk with added vitamins. (Dan) Jensen, G K *Bil Arsberet Statens Forsogsmejeri* 32 (Suppl.): 32-35. 1973

063491 SF221.S83
Initial research on fractionization of whey by ultrafiltering. (Dan) Werver, H *Bil Arsberet Statens Forsogsmejeri* 32 (Suppl.): 46-53. 1973

063492 SF221.S83
Citric acid in milk. (Dan) Moller-Madsen, *Bil Arsberet Statens Forsogsmejeri* 32 (Suppl.): 79-80. 1973

063493 SF221.S83
Purpose of acetaldehyde in acidifying milk products. (Dan) Moller-Madsen, *Bil Arsberet Statens Forsogsmejeri* 32 (Suppl.): 80-81. 1973

063494 SF221.S83
Explanation of animal rennet proteolytic activities. [Milk]. (Dan) Moller-Madsen, *Bil Arsberet Statens Forsogsmejeri* 32 (Suppl.): 82-85. 1973

063495 SF221.S83
Mixing rennet. (Dan) Moller-Madsen, *Bil Arsberet Statens Forsogsmejeri* 32 (Suppl.): 85-86. 1973

063496 SF221.S83
Alpha-amylase in rennet preparation. (Dan) Moller-Madsen, *Bil Arsberet Statens Forsogsmejeri* 32 (Suppl.): 87-88. 1973

063497 44.8 D1427
Some problems in UHT processing. [Dairy products]. Keogh, M K *Dairy Indus* 38 (4): 164-167. Ref. Apr 1973

063498 44.8 SU2
Definition of sweet cream butter. (Ger) Bornemann, P *Deut Molk-zeitung* 94 (13): 484-486. Mar 29, 1973

063499 44.8 SU2
Everything in butter. (Ger) Lembke, A *Deut Molk-zeitung* 94 (13): 502-503. Mar 29, 1973

063500 44.8 SU2
Automation of bacterial count of plate cultures with help of computer picture analyzers. [Milk]. (Ger) Wernery, H *Deut Molk-zeitung* 94 (14): 524-527 Apr 5, 1973

063501 44.8 SU2
Instant method for bacterial count. [Milk]. (Ger) Godbersen, G W *Deut Molk-zeitung* 94 (14): 528, 530. Apr 5, 1973

063502 44.8 SU2
Aseptic processing & filling methods. [Milk]. (Ger) Frolich, M *Deut Molk-zeitung* 94 (16): 599-600, 602. Apr 19, 1973

063503 44.8 SU2
Application of food gelatin in yoghurt processing. (Ger) Leder, K H *Deut Molk-zeitung* 94 (18): 688, 690-693. May 3, 1973

063504 44.8 SU2
Milk products with fruit & sugar content. (Ger) Kiermeier, F *Deut Molk-zeitung* 94 (3): 72-77. Ref. Jan 18, 1973

063505 44.8 M736
Limit of bacterial count for raw milk at time of delivery & for pasteurized milk. (Ger) Tolle, A *Dtsch Milchwirtsch* 23 (49): 2085-2087. Dec 6, 1972

063506 44.8 M736
Fresh products with extended keeping quality. [Dairy products, processing]. (Ger) Siegenthaler, E *Dtsch Milchwirtsch* 24 (10): 325-328, 330. Ref. Mar 7, 1973

063507 44.8 M736
Properties & possible use of special gelatins in dairy industry. (Ger) Schrieber, R *Dtsch Milchwirtsch* 24 (11): 358-360, 362-363. Ref. Mar 14, 1973

063508 44.8 M736
Modern milk handling in Netherlands. (Ger) Galesloot, T *Dtsch Milchwirtsch* 24 (11): 366, 370-371. Mar 14, 1973

063509 44.8 M736
Determining fat, protein & lactose content of milk with infrared milk analyzer (IRMA). (Ger) Renner, E *Dtsch Milchwirtsch* 24 (12): 398, 400-401. Mar 21, 1973

063510 44.8 M736
German dairy experts abroad. (Ger) Homke, B von E *Dtsch Milchwirtsch* 24 (14): 490-493. Apr 4, 1973

063511 44.8 M736
Agriculture & dairy industry in Israel. (Ger) Kammerlehner, J *Dtsch Milchwirtsch* 24 (9): 294, 296-298. Feb 28, 1973

063512 389.8 F737
Computes efficiency of regenerative heat transfer. [Milk]. Aggarwal, M L *Food Eng* 45 (4): 83. Apr 1973

063513 389.8 F7372
Reconstituted dairy products. Sayce, W H *Food Indus S Afr* 25 (10): 6-7. Feb 1973

063514 68.8 G65
Application of bacterial proteases in dairy industry. (Ger) Cserhati, T *Gordian* 72 (6): 226-230. Ref. June 1972

063515 SF95.H3
Milk composition. Balch, C C *Handb Tierernahr* 2: 259-291 ref. 1972

063516 383 AS7
Problems presented by coloring of butter. (Fre) Yver, M *Indus Aliment Agr* 90 (1): 23-25. Jan 1973

063517 20 M57AG
Industrial methods of milk production. (Ger) Kudlicka, K *Int Z Landwirt* 1: 69-74. 1973

063518 49 J823
A note on composition & properties of Awassi sheep milk. Eliya, J *J Anim Prod United Arab Repub* 12 (1): 51-55. Ref. 1972

063519 475 J824
Fractionation of whey proteins & casein of cow's milk on Sephadex DEAE A-50 & A-25. Hladik, J *J Chromatography* 75 (1): 117-121. Jan 3, 1973

063520 44.8 J822
Molecular weights of fractionated bovine milk casein micelles from analytical ultracentrifugation & diffusion measurements. Morr, C V *J Dairy Sci* 56 (4): 415-418. Ref. Apr 1973

063521 44.8 J822
A proteolytic unit for chymosin (rennin) activity based on a reference synthetic peptide. [Milk]. Raymond, M N *J Dairy Sci* 56 (4): 419-422. Ref. Apr 1973

063522 44.8 J822
Isolation & identification of stimulatory substance involved in associative growth of cheese cultures. Kothari, S L *J Dairy Sci* 56 (4): 423-428. Ref. Apr 1973

063523 44.8 J822
That fluid called milk. Hodgson, R E *J Dairy Sci* 56 (4): 500-502. Apr 1973

063524 389.8 F7322
Demineralization of untreated cottage cheese whey by electrodialysis. D'souza, S V *J Food Sci* 38 (3): 519-523. Ref. Mar-/Apr 1973

063525 44.8 J824
A case study: Syneresis of Cold-Pack Cheese Food related to growth of lactic acid bacteria. Duitschaever, C L *J Milk Food Technol* 46 (4): 196-199. Apr 1973

063526 TP156.R45J6
Terminology of texture of cream. Prentice, J H *J Texture Stud* 4 (1): 154-157. Apr 1973

063527 TP156.R45J6
Rheological analysis of curd formation. Douillard, R *J Texture Stud* 4 (1): 158-165. Ref. Apr 1973

063528 44.9 K542
Theories on physical phenomena of homogenization. [Milk]. (Ger) Precht, D *Kieler Milchwirtsch Forschungsber* 25 (1): 29-47. Ref. Eng. Sum. Mar 29, 1973

063529 44.9 K542
Measurement of rennet coagulation of milk by means of thrombelastograph. 1. Theory of process of measurement. (Ger) Knoop, E *Kieler Milchwirtsch Forschungsber* 25 (1): 3-27. Ref. Eng. Sum. Mar 29, 1973

063530 389.78 K85
Method for determining fat distribution in milk substitutes. (Ger) Schuster, G J *Kraftfutter* 55 (6): 306, 308-310. June 1972

063531 44.8 M26
Production & addition of vitamins to skim milk. (Dan) Jensen, G K *Maelkeritidende* 86 (7): 201-205. Feb 16, 1973

063532 44.8 M26
Research in coagulation without potassium nitrate & with deep frozen starters. [Cheese]. (Dan) Jorgensen, H *Maelkeritidende* 86 (9): 282. Mar 2, 1973

063533 44.9 M382
What's new in dairy products. Sanderson, W B *Massey Univ Dairyfarming Annu* P. 86-88. Oct 1972

063534 44.8 M47
Simulation technique used in evaluation of an alternative receiving department in a new dairy plant. (Nor) Fjorningstad, H P *Meieriposten* 62 (10): 190-199. Mar 10, 1973

063535 44.8 M47
Effect of some emulsifiers & stabilizers on churning & whipping time of cream. (Nor) Steinsholt, K *Meieriposten* 62 (5): 91-96. (Continued) Feb 3, 1973

063536 44.8 M47
Effect of some emulsifiers & stabilizers on churning & whipping time of cream. (Nor) Steinsholt, K *Meieriposten* 62 (6): 109-115. (Continued) Feb 10, 1973

063537 44.8 M47
Fat content in milk determined by Lindstrom Method & by use of Milkotester Automatic; a comparative analysis. (Nor) Ron, I *Meieriposten* 62 (8): 154-158. Eng. Sum. Feb 24, 1973

063538 44.8 M47
Fat & protein content in fresh & stored milk samples measured by FPM Combi Automatic. (Nor) Ron, I *Meieriposten* 62 (9): 171-175. Eng. Sum. Mar 3, 1973

063539 44.8 M5998
Milk industry in Austria. (Ger) Eder, A *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 32: 179-182. Nov 1972

063540 44.8 M5998
Systematics of bacteria important for hygiene & technology of milk industry. (Ger) Reuter, G *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 32: 183-190. Ref. Nov 1972

063541 44.8 M5998
New methods of culture application in dairy plant. [Fermentation bacteria]. (Ger) Johannsen, G B *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 32: 191-197. Nov 1972

063542 44.8 M5998
Starter & its control. [Dairy products]. (Ger) Asperger, H *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 32: 199-205. Ref. Nov 1972

063543 44.8 M5998
Study of inhibiting factors in raw milk with regard to quality rating & payment. (Ger) Lupke, H *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 32: 213-218. Ref. Nov 1972

063544 44.8 M5998
Pyruvate determination – a new method to measure bacteriological grade of milk. (Ger) Tolle, A *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 32: 227-235. Nov 1972

063545 44.8 M5998
On method of microorganism count in raw milk. (Ger) Gerigk, K *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 32: 239-240. Nov 1972

063546 44.8 M5998
Problems in consistency measurements of yoghurt. (Ger) Kynast, S *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 32: 241-242. Nov 1972

063547 44.8 M5998
Use of aroma in milk products according to regulations. (Ger) Schara, A *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 32: 243-247. Nov 1972

063548 44.8 M5998
Problem of improving structure of hard cheese dairies in Alpine area. (Ger) Furtenbach, *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 33: 281-284. Dec 1972

063549 44.8 M5998
Biochemical processes in hard cheese during ripening. (Ger) Jager, H H *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 33: 289-292. Dec 1972

063550 44.8 M5998
Recent trends in use of pasteurized fruit base materials in sour milk products. (Ger) Muller, H P *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 33: 295-299. Dec 1972

063551 44.8 M5998
Aseptic filling of dairy products into deep formed plastic packages. (Ger) Nentwig, J *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 33: 301-302. Dec 1972

063552 44.8 M5998
Use of freeze-dried berries & fruits in special milk products. (Ger) Winkel, G *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 33: 303-304. Dec 1972

063553 44.8 M5998
General problems of producing high quality sour milk products. (Ger) Zscheyge, F T *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 33: 305-306. Dec 1972

063554 44.8 M5998
Measuring butter consistency – possible ways to affect it. (Ger) Hoffer, H *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 33: 309-310. Dec 1972

063555 44.8 M5998
Microbiological effects on quality of butter. (Ger) Winterer, *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 33: 311-312. Dec 1972

063556 44.8 M5998
Improving butter quality by use of frozen cream. (Ger) Drosler, G *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 33: 313-314. Dec 1972

063557 44.8 M593
Starter problems in United Kingdom. [Cheese manufacture]. Crawford, J M *Milk Indus* 72 (3): 22-23, 25-27, 36. Ref. Mar 1973

063558 44.8 C162
Feasibility of whey utilization for production of various drinks. Vajdi, M *Mod Dairy* 52 (3): 14-16. Ref. Mar 1973

063559 44.8 M735
Recent development of milk products in Czechoslovakia. (Ger) Lang, A *Molkzeitung Welt Milch* 27 (10): 285-287. Ref. Mar 9, 1973

063560 44.8 M735
Freeze-drying: conservation of dairy products. (Ger) Paul, W *Molk-zeitung Welt Milch* 27 (9): 261-264. Mar 2, 1973

063561 44.8 M734
Mechanized method of melting & forming Suluguni cheese. (Rus) Magakian, A T *Moloch Prom* 5: 30-31. May 1972

063562 100 N813R
Variation in PM-AM milk fat sampling as compared to composite sampling. Edgerly, C G M *N Dak Agr Exp Sta Res Rep* 45, 8 P. Mar 1973

063563 44.9 AL3
Packaging of cheese. (Dut) Mol, J J *Ned Zuivelbond Offic Orgaan* 65 (8): 189-192. Ref. Eng. Sum. Feb 21, 1973

063564 475 P174
Experiments on cultural conditions of cheese starters in whey & on their acid production in milk: factors affecting growth & acid-producing ability of Streptococcus lactis. Ehteshamuddin, A F M *Pakistan J Sci Indus Res* 15 (3): 214-217. Ref. June 1972

063565 385 P93
Biochemical peculiarities of certain strains of lactic acid microorganisms used in cheese-making. (Rus) Matveeva, E K *Priklad Biokhim Mikrobiol* 9 (1): 49-54. Ref. Eng. Sum. Jan/Feb 1973

063566 44.8 Q3
Future shock. [Dairy plants, cheese]. (Fre) Belanger, G *Quebec Lait Aliment* 32 (2): 11-12. Feb 1973

063567 13 R322
'spray' & 'Instant' milk powder. (Fre) Remon, I J *Rev Agr (brussels)* 25 (11/12): 1657-1662. Nov/Dec 1972

063568 SF1.R54
'pasta filata' (plastic curd) cheeses. (Ita) Fazio, F M *Rilancio Agric Vet Zootec* 4 (10): 24, 26. 1972

063569 280.8 SO89
Improvment of dairying in South Pacific. Siegenthaler, E J *S Pac Bull* 22 (3): 37-38, 42. Ref. 3D Quarter 1972

063570 44.8 SO12
Reconstitution of churned or 'oiled' milk samples for instrumental determination of fat content. Harding, F *Soc Dairy Technol J* 26 (2): 91-93. Apr 1973

063571 44.8 OF2
Goat cheese confirms its noble origins. (Fre) Cargouet, L *Tech Lait* 28 (767): 19-22 Feb 1, 1973

063572 44.8 OF2
Recycling. 20. Study of colloidal phase of milk: Organic colloids of milk. (Fre) Pien, J *Tech Lait* 28 (772): 17, 19, 21. Mar 10, 1973

063573 44.8 OF2
So be it! [Dairy products]. (Fre) Rousseau, M J *Tech Lait* 28 (772): 9, 11. Mar 10, 1973

063574 49 T445
Supply of IRMA equipment on fat & protein determination in milk as well as for use of udder health. [Infrared milk analyzer]. (Ger) Ranner, E *Tierzuchter* 24 (22): 657-658. Nov 20, 1972

063575 43.8 UN7
Use of infrared milk analyzer for determining fat & protein content of milk, as well as in udder sanitation services. (Ger) Renner, E *Unser Milchvieh* 24 (12): 9. Dec 1972

063576 41.8 V6468
Determining degree of cleaning milk utensils & equipment with use of isotope techniques. (Bul) Vrigazov, A *Vet Med Nauk* 10 (1): 15-24. 1973

063577 41.8 V6463
How to produce & control sterilized milk. (Bul) Kaloianov, I *Vet Sbirka* 69 (9): 33-35. 1972

063578 449.9 W26
Influence of traditional & centrifuge technology of cottage cheese production on distribution & processing balance of some nutrients. (Pol) Bartnik, J *Warsaw Panstw Zakl Hig Rocz* 23 (3): 343-351. Ref. Eng. Sum. 1972

063579 286.86 Z8
Problems of ice cream stabilisation. (Ger) Meyhall, W E *ZuckerSusswarenwirtsch* 25 (10): 462-467. Eng. Sum. Oct 1972

LIVESTOCK PRODUCTS

063580 41.8 L49
Identification of Leptospira antibodies in frozen meat. (Ger) Matthiesen, I *Arch Lebensm-hyg* 24 (4): 83-85. Ref. Eng. Sum. Apr 1973

063581 41.8 L49
Suitability of histometrical estimation of connective tissue in finely & coarsely comminuted 'Teewurst'. [Sausages]. (Ger) Hildebrandt, G *Arch Lebensm-hyg* 24 (4): 85-90. Ref. Eng. Sum. Apr 1973

063582 41.8 L49
Elimination of non-specific inhibitions of Bacillus stearothermophilus var. calidolactis in detection of inhibitor substances in food on animal origin. (Ger) Terplan, G *Arch Lebensm-hyg* 24 (4): 90-92. Eng. Sum. Apr 1973

063583 TX341.A7
Glycerol interference in determination of crude fiber, fat, & moisture in intermediate moisture meat products. Cox, L *Army Natick Lab Food Lab FL* 159, 14 P. Aug 1972

063584 412.628 B83
Judging fur quality of Karakul lambs. (Ger) Trauer, W E *Bruhl* 13 (5): 31-34. (Continued) Sept/Oct 1972

063585 389.8 ER66
Meat ripening in plastic bags. (Ger) Senczek, D *Ernahr-umsch* 20 (3): 77-78. Mar 1973

063586 TS1950.F5
Experienced gaines with an industrial data system. [Meat industry]. (Ger) Geys, F M *Fleischerei* 24 (1): 47-50. Jan 1973

063587 TS1950.F5
Cold storage rooms for butchery. (Ger) Peuckert, G *Fleischerei* 24 (1): 56-58. Jan 1973

063588 TS1950.F5
Cost saving by rational stockkeeping. [Meat industry]. (Ger) Hack, K H *Fleischerei* 24 (1): 62. Jan 1973

063589 TS1950.F5
Aspects of production of scalding sausage. 1. (Ger) Bonell, W *Fleischerei* 24 (1): 79-80. Jan 1973

063590 TS1950.F5
Meaning & elaboration of standard formulas. [Meat industry]. (Ger) Gallert, H *Fleischerei* 24 (2): 13-14. Feb 1973

063591 TS1950.F5
Aspects of manufacturing sausages for scalding. 2. (Ger) Bonell, W *Fleischerei* 24 (2): 15-16. Feb 1973

063592 TS1950.F5
Smoke spicing of meats & meat products. (Ger) Henning, W *Fleischerei* 24 (3): 54, 56, 58. Mar 1973

063593 TS1950.F5
Processing hot sausages without smoking with spices without 3'4-benzopyrene. (Ger) Henning, W *Fleischerei* 24 (3): 59-60. Mar 1973

063594 TS1950.F5
Production of hot sausages. (Ger) Kotter, L *Fleischerei* 24 (3): 66, 75. Mar 1973

063595 TS1950.F5
Significance of synthetic casings. [Sausages]. (Ger) Guillemjouan, C *Fleischerei* 24 (3): 80, 83-84. Mar 1973

063596 41.8 F712
Effect of feeding high doses of urea on tissue & plasmatic protein content of meat of oxen. (Slo) Balaz, J *Folia Vet* 16 (3/4): 205-209. Eng. Sum. 1972

063597 68.8 G65
Lard in production of fryed paste products. (Ger) Wurziger, J *Gordian* 73 (3): 107-109. Ref. Mar 1973

063598 50.8 H95
Experiences on American animal raising & meat industry. (Hun) Regos, B *Husipar* 21 (2): 49-61. Eng. Sum. Mar/Apr 1972

063599 50.8 H95
Hygienic & microbiologic requirements in utilizing byproducts of fat in sausage production. (Hun) Takaces, K *Husipar* 21 (2): 62-66. Eng. Sum. Mar/Apr 1972

063600 50.8 H95
Quick determination of brine concentrations by using a manual refractometer. (Hun) Hendrik, A *Husipar* 21 (2): 76-79. Ref. Eng. Sum. Mar/Apr 1972

063601 50.8 H95
Social impacts of new technology in meat industry. [slaughtering]. (Hun) Simon, M *Husipar* 21 (2): 80-84. Eng. Sum. Mar-/Apr 1972

063602 50.8 H95
Comparing muscle fibre thickness in pork from Hungarian Large White & from Esthonian breed. (Hun) Sandor, I *Husipar* 21 (6): 255-264. Ref. Eng. Sum. Nov/Dec 1972

063603 50.8 H95
Up-to-date quick freezers & freeze-storage. [Meat]. (Hun) Kertesz, J *Husipar* 21 (6): 269-273. Eng. Sum. Nov/Dec 1972

063604 50.8 H95
Long-term allocation & transport program of state meat industry. (Hun) Klekner, P *Husipar* 21 (6): 274-279. Eng. Sum. Nov/Dec 1972

063605 50.8 H95
Prof, dr. R. Grau. [Meat science]. (Hun) Lorincz, F *Husipar* 21 (6): 287. Nov/Dec 1972

063606 HD9000.1.I52
Autolytic & peptidase activity in fresh & spoiled prosciutti ham. (Ita) Cantoni, C *Indus Aliment (pinerole)* 11 (4): 61-64. Ref. Eng. Sum. Apr 1972

063607 HD9000.1.I52
On salted land maturation & alteration (yellowing). (Ita) Dragoni, I *Indus Aliment (pinerolo)* 89 (11): 87-89. Eng. Sum. Nov 1972

063608 10 J822
Effect of body-weight loss on composition of Brahman cross & Africander cross steers. 1. Empty body weight, dressed carcass weight & offal components. Seebeck, R M *J Agr Sci (London)* 80 (2): 201-210. Ref. Apr 1973

063609 10 J822
Chemical fat in musculature of sheep carcass. Pryor, W J *J Agr Sci (London)* 80 (2): 219-224. Ref. Apr 1973

063610 10 J822
Study of variability in some wool traits in a coarse wool breed of sheep. Guirgis, R A *J Agr Sci (London)* 80 (2): 233-238. Ref. Apr 1973

063611 10 J822
Fatty acid composition of tail, subcutaneous & kidney fats of fat-tailed Awassi sheep. Al-Shabibi, M M A *J Agr Sci (London)* 80 (2): 255-257. Apr 1973

063612 49 J823
Physical & chemical studies on fine & coarse wool. 1. Fleece components as affected by breed & body region. Latif, A *J Anim Prod United Arab Repub* 12 (1): 1-9. Ref. 1972

063613 49 J823
Physical & chemical studies on fine & coarse wool. Ii. Chemical constitution of suint. Latif, A *J Anim Prod United Arab Repub* 12 (1): 11-15. 1972

063614 49 J82
Genotype-environment interaction in sheep. III. Lamb carcass traits. Carter, R C *J Anim Sci* 36 (4): 617-621. Apr 1973

063615 HD9000.A1J68
Meat processing layout – new construction & remodeling. Wilson, E W *J Food Distrib Res* 3 (1): 84-85. July 1972

063616 389.8 F7322
Development & use of a laboratory sausage stuffing apparatus. Raymond, J E *J Food Sci* 38 (1): 181. Jan 1973

063617 389.8 F7322
Gamma-irradiation of beef fat. Effects on odor intensity & rancidity. Kosaric, N *J Food Sci* 38 (3): 374-376. Mar/Apr 1973

063618 389.8 F7322
Aroma of canned beef: gas chromatographic & mass spectrometric analysis of volatiles. Persson, T *J Food Sci* 38 (3): 377-385. Mar/Apr 1973

063619 389.8 F7322
Aroma of canned beef: sensory properties. Persson, T *J Food Sci* 38 (3): 386-392. Ref. Mar/Apr 1973

063620 389.8 F7322
Isolation & identification of volatile flavor compounds in boiled beef. Hirai, C *J Food Sci* 38 (3): 393-397. Ref. Mar/Apr 1973

063621 389.8 F7322
Inhibition of warmed-over flavor in cooked meats. Sato, K *J Food Sci* 38 (3): 398-403. Ref. Mar/Apr 1973

063622 389.8 F7322
Influence of pH [hydrogen-ion concentration] & fiber contraction state upon factors affecting tenderness of bovine muscle. Bouton, P E *J Food Sci* 38 (3): 404-407. Ref. Mar/Apr 1973

063623 389.8 F7322
Fatty acid composition of bovine intramuscular & subcutaneous fat as related to breed & sex. Gillis, A T *J Food Sci* 38 (3): 408-411. Ref. Mar/Apr 1973

063624 389.8 F7322
Radiant energy-induced-changes in bovine muscle pigment. Setser, C S *J Food Sci* 38 (3): 412-417. Ref. Mar/Apr 1973

063625 389.8 F7322
Effect of light, pH [hydrogen-ion concentraction] & buffer strength on autoxidation of porcine, ovine & bovine myoglobins at freezing temperatures. Zachariah, N Y *J Food Sci* 38 (3): 418-420. Ref. Mar/Apr 1973

063626 389.8 F7322
Control of Staphylococcus aureus in sausage by starter cultures & chemical acidulation. Daly, C *J Food Sci* 38 (3): 426-430. Ref. Mar/Apr 1973

063627 389.8 F7322
Muscle quality, cooking method & aging vs. palatability of pork loin chops. Bennett, M E *J Food Sci* 38 (3): 536-538. Ref. Mar/Apr 1973

063628 389.8 F7322
Quality changes in pre-rigor beef muscle at – 30 centigrade. Behnke, J R *J Food Sci* 38 (3): 539-541. Ref. Mar/Apr 1973

063629 389.8 F7322
Use of squid in meat emulsions. Saffle, R L *J Food Sci* 38 (3): 551-552. Mar/Apr 1973

063630 11 L236
Experimental results in production control. [Pork]. (Nor) Christensen, L *Landbrukstidende* 79 (8): 175-176. Feb 24, 1973

063631 HD9428.A8M42
Structural & biochemical changes during cooling & freezing of meat. Bendall, J R *Meat Ind Bull* 16 (2): 31, 37. Feb 1973

063632 41.8 M742
Electron-microscopic studies into problems relating to muscle & pork conditions, with particular reference to pathogenesis of pale, soft, exudative pork (PSE pork). (Ger) Bergmann, V *Monatsh Veterinarmed* 28 (7): 245-250. Ref. Eng. Sum. Apr 1, 1973

063633 389.8 N142
Studies on animal fats. III. Phospholipid composition of neat's foot & shin bone of cow, buffalo & sheep. Shoeb, Z E *Nahrung* 17 (1): 23-30. Ref. 1973

063634 475 P174
Characteristics of loose wool compressibility. Ali, M A *Pakistan J Sci Indus Res* 15 (3): 232-238. Ref. June 1972

063635 385 P93
Effect of cold treatment of meat on nicotinamide adenine dinucleotide & NADH2 content & lactate dehydrogenase activity in beef butt & rump. (Rus) Shalushkova, L P *Priklad Biokhim Mikrobiol* 9 (1): 76-78. Ref. Eng. Sum. Jan/-Feb 1973

063636 49 P952
Sheep hides – a precious raw material for industry. (Pol) Biernacki, A *Przegl Hodowlany* 40 (13/14): 28-29. July 1/31, 1972

063637 389.8 P95
Penetrometric determination of tenderness of meat. (Pol) Krzywicki, K *Przem Spozyw* 26 (10): 452-454. Eng. Sum. 1972

063638 389.8 P95
After-slaughter output & useful & consumptive value of hare meat. (Pol) Tropilo, J *Przem Spozyw* 26 (3): 122-124. Eng. Sum. 1972

063639 50.9 R24
Histochemical, organoleptic & tenderness properties of porcine muscle. Andersen, L D *Reciprocal Meat Conf Proc* 25Th: 176-191. Ref. 1972

063640 50.9 R24
Crystalline structure of tropomyosin & tropomyosin-troponin complex. [Proteins, meat]. Yamaguchi, M *Reciprocal Meat Conf Proc* 25Th: 192-210. Ref. 1972

063641 50.9 R24
National Live Stock & Meat Board's commitment to AMSA. [American meat science Association]. Stroud, D H *Reciprocal Meat Conf Proc* 25Th: 231-233. 1972

063642 50.9 R24
Technological change & educational imperatives. [Meat research]. Farwell, E D *Reciprocal Meat Conf Proc* 25Th: 234-237. 1972

063643 50.9 R24
Changes in meat during cooking. Draudt, H N *Reciprocal Meat Conf Proc* 25Th: 243-259. Ref. 1972

063644 50.9 R24
Microwave heating for meat industry. Smith, D T *Reciprocal Meat Conf Proc* 25Th: 260-269. 1972

063645 50.9 R24
Update on PSE [pale, soft, exudative] research. [Port]. Sybesma, W *Reciprocal Meat Conf Proc* 25Th: 270-275. Ref. 1972

063646 50.9 R24
Signal Service Award of American Meat Science Association, George E. Brissey – 1972. *Reciprocal Meat Conf Proc* 25Th: 366-367. 1972

063647 50.9 R24
Signal Service Award of American Meat Science Association, William C. Shherman – 1972. *Reciprocal Meat Conf Proc* 25Th: 368-369. 1972

063648 50.9 R24
Meat Science Distinguished Teaching Award sponsored by Armour Food Research Division, Robert G. Kauffman-1972. *Reciprocal Meat Conf Proc* 25Th: 370-371. 1972

063649 50.9 R24
Meat Science Distinguished Extension-Industry Service Award sponsored by George A. Hormel & Company, Robert L. Reddish – 1972. *Reciprocal Meat Conf Proc* 25Th: 372-373. 1972

063650 50.9 R24
Meat Science Distinguished Research Award sponsored by Eckrich Foundation, Darrel E. Goll – 1972. *Reciprocal Meat Conf Proc* 25Th: 374-375. 1972

063651 303.8 C89
Thermic stabilization of leather (effect of permanent warping by thermal hardening). (Fre) Holmes, C M *Rev Tech Indus Cuir* 65 (2): 37-40, 43-59. Ref. Feb 1973

063652 303.8 C89
Effect exercised by finish of easy upkeep on properties of leather. (Fre) Williams-Wynn, D A *Rev Tech Indus Cuir* 65 (3): 78-84. Mar 1973

063653 SF1.R54
Role of cold in meat marketing. (Ita) Monzini, A *Rilancio Agric Vet Zootec* 4 (11/12): 34-35. 1972

063654 286.85 D48
Effect of protective coatings on moisture content & total germ count in dry sausages & pasterma during storage at room temperature. (Ger) Awad, A H *Schlacht Viehhof-ztg* 72 (10): 363-366. Ref. Eng. Sum. Oct 1972

063655 286.85 D48
New meat maturing methods: An advantage? (Ger) Senczek, D *Schlacht Viehhof-ztg* 72 (10): 366-369. Oct 1972

063656 286.85 D48
Influence of longer cold storage (4 degrees C) on total germ count & on coli group in dry sausages & pasterma. (Ger) Awad, A H *Schlacht Viehhof-ztg* 73 (3): 85-89. Ref. Eng. Sum. Mar 1973

063657 286.85 D48
Slaughter animal & meat research in calf: A photographic study with observations. (Ger) Boos, G *Schlacht Viehhof-ztg* 73 (3): 90-98. Mar 1973

063658 41.8 F49
Effect of nitrite, erythorbate & citric acid on color, taste & preservation of cooked sausage. (Fin) Raevuori, M *Suomen Elainlaakarilehti* 79 (3): 150-156. Eng. Sum. Mar 1973

063659 SF391.S9
Physicochemical properties & fatty acid composition of lard of various swine breeds relative to weight conditions. [Mirgorod, Large White, Landrace]. (Ukr) Trots'kyi, M IA *Svynarstvo* 16: 74-80. 1972

063660 TS1950.T4
Prof. Dr Veselin Ristin (1920 – 1972). [Meat industry]. (Cro) *Tehnol Mesa* 13 (3): 88. Mar 1972

063661 100 T31P
Prediction of yield of fat-free lean tissue from cow carcasses. Jeremiah, L E *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3111/3131: 63-66. Ref. Nov 1972

063662 100 T31P
Beef carcass length as related to yield of boneless retail cuts. Berry, B W *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3111/3131: 66-69. Nov 1972

063663 100 T31P
Improving beef tenderness: a comparison of elevated temperature aging & Texas A&M Tenderstretch. Hostetler, R L *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3111/3131: 69-72. Nov 1972

063664 100 T31P
Influence of certain physiological maturity indicators on beef tenderness. Berry, B W *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3111/3131: 72-74. Nov 1972

063665 41.8 T431
Hemorrhage & degree of exsanguination; a literature survey. [Slaughtering, pork]. (Dut) Wal, P G van der *Tijdschr Diergeneesk* 98 (4): 202-209. Ref. Eng. Sum. Feb 15, 1973

063666 20 M66
Amount of free amino acids in meat of duck fed biomycin. (Bel) Harahliad, Kh S *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 1: 103-105. Ref. 1973

063667 41.8 V6463
Permanent control is needed during thermal treatment of canned meat. (Bul) Baichev, I *Vet Sbirka* 69 (7): 24-28. 1972

063668 41.8 V6463
Veterinary & sanitary control of scalding of pig carcass. (Bul) Ivanov, L *Vet Sbirka* 69 (8): 24-26. 1972

063669 41.8 V6463
Use of some readily available disinfecting means in meat processing establishments. (Bul) Prangov, T *Vet Sbirka* 69 (9): 36-37. 1972

063670 20 AK1
Amino acid composition of meat of young hybrid cattle. (Rus) Ladan, P E *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 2: 16-18. Feb 1973

063671 20 AK1
Quality of hides of young bulls of dairy & combined breeds raised intensively up to fifteen months. (Rus) Levantin, D L *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 2: 18-20. Feb 1973

063672 49 W89
Physiological & biochemical aspects of pale, soft & exudative pork. (Fre) Charpentien, J *World Rev Anim Prod* 8 (3): 44-52. Ref. July/Sept 1972

063673 384 Z39
Detection of casein, soy proteins & coagulated egg-white in meat products by electrphoresis on cellulose acetate membranes. Gils, W F van *Z Lebensmittel-untersuchung -Forsch* 151 (3): 175-178. Ref. Apr 10, 1973

063674 20.5 Z5
Fat deterioration of lean & fatty canned beef due to processing. Ziemba, Z *Zeszyty Probl Postepow Nauk Roln* 136: 267-272. Ref. 1973

POULTRY PRODUCTS

063675 9.2 C34
Future of commericialization of broilers. (Por) Schneider, I S *Avic Ind* 63 (756): 51-528 54, 56-58. Ref. Dec 1972

063676 47.8 B26
Analysis of production development & of factors affecting it in poultry industry. (Hun) Bass, L *Baromfiipar* 19 (12): 534-543. 1972

063677 381 B522
Magnetic resonance studies on membrane & model membrane systems. III. Fatty acid motions in aqueous licithin dispersions. [Egg yolks]. Horwitz, A F *Biochim Biophys Acta* 298 (1): 1-7. Ref. Feb 27, 1973

063678 442.8 B5294AE
Investigation of interactions of hen's egg lysozyme protein with cations Mn [manganese] & Ca [calcium] by method of reaction microcalorimetry. Zaslavskii, B Yu *Biophysics* 17 (3): 560-561. 1972 (Transl. Feb 1973)

063679 SF95.H3
Egg shell & composition of egg. (Ger) Siewert, E *Handb Tierernahr* 2: 645-658. Ref. 1972

063680 389.8 F7322
Effect of postmortem muscle changes on poultry meat loaf properties. Wardlaw, F B *J Food Sci* 38 (3): 421-423. Ref. Mar-/Apr 1973

063681 389.8 F7322
Effect of binding to muscle particulate fractions on glyceraldehyde-3-phosphate dehydrogenase activity. [Poultry meat]. Dagher, S M *J Food Sci* 38 (3): 424-425. Ref. Mar/Apr 1973

063682 QD415.A1P7
Isolation & fractionation of chicken egg white ovomucin. Lyndrup, M L *Prep Biochem* 3 (2): 135-148. Ref. 1973

063683 385 P93
Carbonyl compounds of chicken fat during cold treatment & storage. (Rus) Golovkin, N A *Priklad Biokhim Mikrobiol* 9 (1): 80-83. Eng. Sum. Jan/Feb 1973

063684 385 P93
Examination of irradiated frozen eggs during long-term storage. (Rus) Popkov, V N *Priklad Biokhim Mikrobiol* 9 (1): 91-93. Eng. Sum. Jan/Feb 1973

063685 50.9 R24
Biological & chemical properties of avian muscle in relation to quality. Marion, W W *Reciprocal Meat Conf Proc* 25Th: 277-289. Ref. 1972

063686 50.9 R24
New product & process developments in utilization of poultry meat. Stadelman, W J *Reciprocal Meat Conf Proc* 25Th: 290-299. Ref. 1972

063687 TX341.S3
Freeze-drying of chicken meat. (Ita) Niklolova, T *Sci Aliment* 18 (10): 321-330. Ref. Eng. Sum. Oct 1972

063688 47.8 W89
A review of factors affecting emulsifying characteristics of hens' egg yolk. Cunningham, F E *Worlds Poultry Sci J* 29 (2): 132-140. Ref. Apr/June 1973

FIELD CROP PRODUCTS

063689 442.9 AK18
Quality of grain & malt of winter barley varieties in Estonia. (Rus) Lepaiye, IA *Akad Nauk Est Ssr Izv Ser Biol* 21 (3): 229-234. 1972

063690 389.8 AN73
Traditional technology of sorghum in Cameroun: Influence of pestling on nutritional value. (Fre) Favier, J C *Ann Nutr Aliment* 26 (6): 221-250. Ref. Eng. Sum. 1972

063691 QH345.A1P73
Effect of sulfhydryl groups & disulfide bonds on quality of flour from different varieties of wheat. Zacharova, S A *Appl Biochem & Microbiol* 6 (2): 101-106. Ref. Mar/Apr 1970 Transl. 1973

063692 448.3 AP5
Cytological & deoxyribonucleic acid-deoxyribonucleic acid bhbridization studies on Lactobacillus isolates from San Francisco sourdough. Sriranganathan, N *Appl Microbiol* 25 (3): 461-470. Ref. Mar 1973

063693 QD471.A1J5
Effect of methods of drying on fine structure, density, & some mechanical properties of jute & allied fibers. Ray, P K *Appl Polym Sci J* 17 (3): 921-957. Ref. Mar 1973

063694 389.9 AR1
Report of state of a wheat box-backing experiments based on rapid-mix-test. (Ger) Schulz, A *Arb Getreideforsch Ber Getreidechem-tag* 7 (146): 121-124. June 20/22, 1972

063695 389.9 AR1
Methods to detect extent of starch enzymolysis in relation to bread quality. (Ger) Drews, E *Arb Getreideforsch Ber Getreidechem-tag* 7 (146): 135-157. Ref. June 20/22, 1972

063696 389.9 AR1
Structure, properties and functions of carbohydrates on the wheat flour. (Ger) Neukom, H *Arb Getreideforsch Ber Getreidechem-tag* 7 (146): 159-174. Ref. June 20/22, 1972

063697 389.9 AR1
Characteristics of source materials as indices for processing properties of bread rye. (Ger) Drews, E *Arb Getreideforsch Ber Getreidechem-tag* 7 (146): 175-189. June 20/22, 1972

063698 389.9 AR1
Rheology of rye doughs, II. Effects of enzyme differential specificity on rheological behavior of dough. (Ger) Weipert, D *Arb Getreideforsch Ber Getreidechem-tag* 7 (146): 189-203. Ref. June 20/22, 1972

063699 389.9 AR1
Effect of water insoluble wheat & rye pentosan on baking characteristics of wheat flour & other raw materials. (Ger) Casier, J P J *Arb Getreideforsch Ber Getreidechem-tag* 7 (146): 225-246. June 20/22, 1972

063700 389.9 AR1
Special effect of ascorbic acid in white bread processing. (Ger) Thewlis, B H *Arb Getreideforsch Ber Getreidechem-tag* 7 (146): 23-31. Ref. June 20/22, 1972

063701 389.9 AR1
Possible use of alpha-amylase in bakery with special consideration of bacteria amylase. (Ger) Scholz, A *Arb Getreideforsch Ber Getreidechem-tag* 7 (146): 33-49. Ref. June 20/22, 1972

063702 389.9 AR1
Use of non-wheat flour in bakery products. (Ger) Ruiter, D de *Arb Getreideforsch Ber Getreidechem-tag* 7 (146): 5-22. June 20/22, 1972

063703 389.9 AR1
Sampling of goods kept in sacks & in flat storage with regard to residue tests. [Grain]. (Ger) Semig, H *Arb Getreideforsch Ber Getreidechem-tag* 7 (146): 51-75. June 20/22, 1972

063704 389.9 AR1
Newly established residual values; effects on grain sector. (Ger) Hertel, W *Arb Getreideforsch Ber Getreidechem-tag* 7 (146): 77-86. June 20/22, 1972

063705 389.9 AR1
Type of grinding of different laboratory mills. [Grain]. (Ger) Vorwerck, K *Arb Getreideforsch Ber Getreidechem-tag* 7 (146): 95-109. June 20/22, 1972

063706 389.8 AR22
Wet concentration process for extraction & precipitation of protein from cottonseed. (Spa) Mayorga, H *Arch Latinoamer Nutr* 23 (1): 55-77. Ref. Eng. Sum. Mar 1973

063707 389.8 SI1
Glutenin – strength protein of wheat flour. Bietz, J A *Bakers Dig* 47 (1): 26-31, 34-35, 67. Ref. Feb 1973

063708 389.8 SI1
Use of viscosity & water retention capacity for quality evaluation of H.R.S. wheat. Khattak, S *Bakers Dig* 47 (1): 49-52, 54. Ref. 1973

063709 389.8 SI1
Properties of starch granules derived from flours & parent wheats. Kulp, K *Bakers Dig* 47 (1): 55-59. Ref. Feb 1973

063710 389.8 SI1
Brine vs. Dry salt in breadmaking. Sanchez, C R S *Bakers Dig* 47 (2): 23-25, 67. Apr 1973

063711 389.8 SI1
Practical gluten structure control. [Breadmaking]. Sternberg, G *Bakers Dig* 47 (2): 34-37. Apr 1973

063712 QP981.T6B4
Sterol content in cigarette tobacco & smoke. Cheng, A L S *Beitr Tabakforsch* 7 (1): 14-17. Ref. Jan 1973

063713 QP981.T6B4
Tobacco chemistry. 17. Evaluation of two methods for collection of tobacco head space volatiles. Austin, D J *Beitr Tabakforsch* 7 (1): 8-13. Ref. Jan 1973

063714 450 B52
Influence of metabolic inhibitors & temperature on mutagenic activity during storage of ethyl methanesulphonate-treated barley seeds. Gichner, T *Biol Plant* 15 (2): 72-79. Ref. 1973

063715 390.8 B7322
Rheological behavior of molasses. (Ger) Smolnik, H D *Branntweinwirtschaft* 113 (4): 68-74. Feb 2, 1973

063716 390.8 B732
Effect of polyvinylpolypyrolidone (PVPP) on various properties & constituents of beer. (Ger) Drawert, F *Brauwelt* 113 (21): 407-411. Ref. Eng. Sum. Mar 23, 1973

063717 390.8 B732
Use of lactic acid malt in brewing. 3. Direct use of lactic acid malt. (Ger) Narziss, L *Brauwelt* 113 (6): 70-74. Eng. Sum. Jan 19, 1973

063718 390.8 B733
Can extract of malt be predicted from properties of barley? Result of an extensive computer evaluation. (Ger) Reiner, L *Brauwissenschaft* 26 (1): 4-10. Eng. Sum. Jan 1973

063719 390.8 B75
Biochemistry of malt kilning. Bathgate, G N *Brew Dig* 48 (4): 60-65. Ref. Apr 1973

063720 14 P215BC
Relation between peroxydasic & polyphenoloxydasic activities of hard wheats & browning of paste products. (Fre) Kobrehel, K *C R Seances Acad Agric Fr* 14: 1099-1106. Ref. 1972

063721 59.9 C161C
Flax & rapeseed, 1972. *Can Grain Res Lab Crop Bull* 117, 19 P. Map. Dec 1972

063722 87 M42
On quality of defatted-milled rice with n-hexane treatment. (Jap) Ayano, Y *Chiba Univ Fac Hort Tech Bull* 20: 61-65. Eng. Sum. Dec 1972

063723 64.8 C883
Rye in malting and brewing. Pomeranz, Y *Crop Sci* 13 (2): 213-215. Mar/Apr 1973

063724 65.8 C89
Storage of sugar beets. (Hun) Helemszkij, M Z *Cukoripar* 26 (2): 41-44. Mar/Apr 1973

063725 TP368.E7
Fully mechanized palletization: rational final step of a packing process line. [Sugar industry]. (Ger) Reitemeyer, D *Ernahrungswirtschaft* 2: 78, 80-81. Feb 1973

063726 281.9 EU7I
Methods for determination of humidity rate of tobacco. (Fre) *Eur Comm Commun Inform Internes Agr* 91, Various Pagings. Oct 1972

063727 389.9 F7354CO
Committee on Commodity Problems, forty-eighth session, report of Fifth Session of Intergovernmental Group on Hard Fibres, Merida, Mexico, 8-13 January 1973. *F A O CCp (comm Commod Probl)* 73/3, 24 P. Feb 1973

063728 58.8 K55
General review of drying process of rice. 2. (Jap) Nagatanigawa, I *Farm Mech* 2: 52-55. Feb 1973

063729 73.8 F44
Competition of primary testile materials. [Flax]. (Fre) Vandenbroucke, P *Fibra* 17 (3): 18-48. Ref. 1972

063730 73.8 F44
Artificial drying of strawflax. (Ger) Gudelis, P *Fibra* 18 (1): 4-9. Eng. Sum. 1973

063731 QK1.F5
Determination of fatty acid composition in linseed oils of different unsaturation. (Rus) Vereshchagin, A G *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 4 (6): 645-649. Eng. Sum. Nov/Dec 1972

063732 389.8 F737
New corn protein isolate: Nutritive, functional. Nielsen, H C *Food Eng* 45 (4): 76-77. Ref. Apr 1973

063733 500 AM35G
Evolution of cotton ginning in southeastern United States. Aiken, C S *Geogr Rev* 63 (2): 196-224. Map. Ref. Apr 1973

063734 68.8 G65
Texture of bread. (Ger) Wassermann, L *Gordian* 73 (3): 86-88. Ref. Mar 1973

063735 389.9 IM7
Baking food in North America. (Jap) Akutsu, M *Ho Yungu Shokuryo Kyogiakai (grain Importers Assoc J)* 294: 61-66. Mar 1973

063736 448.2 H653
Continuous brewing. [Barley, malt]. Hough, J S *Hockenhull, David John Darlington Prog Ind Microbiol* 11: 89-132. Ref. 1972

063737 S469.R92E39
On efficient utilization of sugar beet waste products. (Rus) Tupitsa, P P *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 120-123. 1972

063738 SB191.W5P62
Comparative level of technoloigical qualities of old & new varieties of wheat. (Rus) Rabinovich, S V *In Povyshenie Kachestva Zerna Pshenitsy* P. 106-114. 1972

063739 SB191.W5P62
Study of technological properties of soft wheat of world collection. (Rus) Semenova, L V *In Povyshenie Kachestva Zerna Pshenitsy* P. 123-132. 1972

063740 SB191.W5P62
Role of hydrogen bonds in forming structure & hydration of wheat proteins & starch. (Rus) Kniaginichev, M I *In Povyshenie Kachestva Zerna Pshenitsy* P. 171-180. Ref. 1972

063741 SB191.W5P62
Means of creating (at grain receiving stations) consignments of wheat satisfying requirements of milling & baking industries. (Rus) Kravtsova, B E *In Povyshenie Kachestva Zerna Pshenitsy* P. 326-332. Ref. 1972

063742 65.8 IN26
Sugar: stepping up production. Pillai, P M *Indian Sugar (calcutta)* 22 (10): 765-774. Jan 1973

063743 65.8 IN26
Defeco-melt-phosflotation process for manufacture of white sugar. Mukerji, J P *Indian Sugar (calcutta)* 22 (10): 769-774. Jan 1973

063744 65.8 IN26
Influence of manures & fertilisers on quality constituents of sugar cane juice. Mahamuni, I *Indian Sugar (calcutta)* 22 (10): 775-780. Ref. Jan 1973

063745 65.8 IN26
Influence of manures & fertilisers on quality constituents of sugar cane juice. Mahamuni, I *Indian Sugar (calcutta)* 22 (10): 775-780. Jan 1973

063746 77.8 IN3
Determination of oil content of rapeseeds. (Fre) Chanet, N *Inform Tech Cetiom (Cent Tech Interprof Oleagineux Metrop)* 30: 29-37. Jan/Feb 1973

063747 334.8 IN84
00 Jan 1973 activation. Brune, D *Int J Appl Radiat Isotopes* 24 (1): 1-6 Jan 1973

063748 20 M57AG
System of seed processing in Poland. (Ger) Luszczewski, B *Int Z Landwirt* 52 539-545. 1972

063749 58.8 J82
A new method for measurement of grain moisture content by use of microwaves. Okabe, T *J Agr Eng Res* 18 (1): 59-66. Mar 1973

063750 S19.J62
Studies in mercerization of AC-134 & other varieties of cotton. II. Pre-treatment spinning performance as related to fibre quality & yard lustre ratio. Kahan, A H *J Agric Res* 10 (1): 23-30. Ref. Mar 1972

063751 307.8 J82
Conjugation of polyunsaturated fats with dimsylsodium. [Soybean oil]. Dejarlais, W J *J Amer Oil Chem Soc* 50 (4): 108-109. Ref. Apr 1973

063752 307.8 J82
Evaluation of florisil tubes in detection of aflatoxin. [Cottonseed]. Velasco, J *J Amer Oil Chem Soc* 50 (4): 120-121. Apr 1973

063753 307.8 J82
Sharp-melting fat fractions from cottonseed oil. Lovegren, N V *J Amer Oil Chem Soc* 50 (5): 129-131. May 1973

063754 307.8 J82
Copper-hydrogenated soybean & linseed oils: composition, organoleptic quality & oxidative stability. Cowan, J C *J Amer Oil Chem Soc* 50 (5): 132-136. Ref. May 1973

063755 307.8 J82
Heat inactivation of trypsin inhibitor, lipoxygenase & urease in soybeans: effect of acid & base additives. Baker, E C *J Amer Oil Chem Soc* 50 (5): 137-141. Ref. May 1973

063756 381 J824
Biosynthesis of mannosyland glucosyl-phosphoryl-polyprenols in cotton fibers. Forsee, W T *J Biol Chem* 248 (8): 2858-2867. Ref. Apr 25, 1973

063757 389.8 F7322
Continous diffusion of chlorogenic acid from sunflower kernels. Sosulski, F W *J Food Sci* 38 (3): 468-470. Mar/Apr 1973

063758 389.8 F7322
Methionine supplementation of soy milk to correct cystine loss resulting from an alkaline soaking procedure. Badenhop, A F *J Food Sci* 38 (3): 471-473. Ref. Mar/Apr 1973

063759 382 SO12
Effect of lipoxygenase action on mechanical development of wheat flour doughs. Frazier, P J *J Sci Food Agr* 24 (4): 421-436. Ref. Apr 1973

063760 382 SO12
Preservation & storage of leaf protein preparations. [Wheat]. Arkcoll, D B *J Sci Food Agr* 24 (4): 437-445. Ref. Apr 1973

063761 382 SO12
Fatty acids in wheat varieties consumed in Bangladesh. Choudhury, K *J Sci Food Agr* 24 (4): 475-477. Ref. Apr 1973

063762 TP156.R45J6
Fracture force, hardness & brittleness in crisp bread, with a generalized regression analysis approach to instrumental-sensory comparisons. Andersson, Y *J Texture Stud* 4 (1): 119-144. Ref. Apr 1973

063763 TP156.R45J6
Sensory assessment of stiffness & rheological measurements on doughs of identical farinograph consistencies. Bloksma, A H *J Texture Stud* 4 (1): 145-153. Ref. Apr 1973

063764 TP156.R45J6
Application of a viscometric method to study of wheat flour doughs. Launay, B *J Texture Stud* 4 (1): 82-101. Ref. Apr 1973

063765 66.8 L69
Determination of nitrogen in sugarbeet juice by means of semimicro kjeldahl method according to Konrad. (Cze) Dandar, A *Listy Cukrov* 89 (1): 11-14. Ref. Eng. Sum. Jan 1973

063766 66.8 L69
Dependence of saturation coefficient on concentration of non-sugars. [Molasses]. (Cze) Svoboda, E *Listy Cukrov* 89 (1): 15-33. Ref. Eng. Sum. Jan 1973

063767 TS2120.M4
Present state of research on starch. (Fre) Greenwood, C T *Meun Belg-belg Maalderij* 69 (84): 11. Feb 1973

063768 TS2120.M4
Determination of fiber & bran content: Principles of application & generalization. (Fre) Rothe, M *Meun Belg-belg Maalderij* 69 (84): 12-15. Feb 1973

063769 TS2120.M4
Study of protoplasm in view of determining milling. [Wheat]. (Fre) Moss, H J *Meun Belg-belg Maalderij* 69 (84): 16-20. Feb 1973

063770 298.8 M622
00 Feb 1973. Baker, G J *Milling* 155 (2): 20-21. Feb 1973

063771 298.8 M622
Effect of processing on Salmonella moulds & other harmful substances in feeds. Cane, F M *Milling* 155 (2): 22, 24. Ref. Feb 1973

063772 390.08 V67
Progress in preliminary treatment of molasses. (Ger) Neugebauer, L *Mitt Versuchsstn Garungsgewerbe Wien* 26 (11): 185-1889 1972

063773 390.8 B7323 SUPPL.
On influence of mashing on viscosity of wort & beer. (Ger) Kolbach, P *Monatsschr Brauerei* 25 (2): 25-36. Ref. Eng. Sum. Feb 1972

063774 298.8 M89
Milling characteristics of foreign & domestic ryes. (Ger) Drews, E *Muhle Mischfuttertech* 109 (5): 69-72. Eng. Sum. Feb 3, 1972

063775 100 N813B
Micro-brewing & its use in malting barley development. Banasik, O J *N Dak Farm Res* 30 (4): 23-27. Mar/Apr 1973

063776 389.8 N142
On content of amino acids in beet molasses from Iraq. (Ger) Amin, A *Nahrung* 17 (1): 87-89. Eng. Sum. 1973

063777 500 N21P
Biosynthesis of cytokinins in cytokinin-autotrophic tobacco callus. Einset, J W *Nat Acad Sci Proc* 70 (3): 658-660. Mar 1973

063778 77.8 OL2
Oil palm bunch incinerator: Utilisation of ashes. (Fre) Uribe, A *Oleagineux* 28 (3): 147-149. Eng. Sum. Mar 1973

063779 298.9 P21
Low-scale bread making trial. (Fre) Calvel, R *Paris Ecole Franc Meun Bull Anciens Eleves* 253: 12-25. Jan/Feb 1973

063780 385 P93
Conformation changes of proteins of wheat grain during drying with preheating. (Rus) Ageev, M B *Priklad Biokhim Mikrobiol* 9 (1): 13-18. Ref. Eng. Sum. Jan/Feb 1973

063781 385 P93
Kinetics of formation of aroma complex of wheat bread during baking. (Rus) Kretovich, V L *Priklad Biokhim Mikrobiol* 9 (1): 5-12. Ref. Eng. Sum. Jan/Feb 1973

063782 TP1.P7
Glycerol & organic acids of malt. [Barley]. Piendl, A *Process Biochem* 8 (4): 22-23, 26. Ref. Apr 1973

063783 298.8 P95
What is & what is not technical progress in grain milling. (Pol) Biskupski, M *Przegl Zbozowo Mlynarski* 16 (10): 1-3. Eng. Sum. Oct 1972

063784 13 R322
Comparative study of methods of determination of water absorption capacity of flours in view of bread manufacture. (Fre) Legros, R *Rev Agr (brussels)* 25 (11/12): 1601-1612. Nov/Dec 1972

063785 307.8 R32
Lipoxygenase action during bread making: Oxidation of essential free acids, carotenoids & tocopherols, hexanal formation. (Fre) Draproj, R *Rev Franc Corps Gras* 20 (2): 83-87. Ref. Eng. Sum. Feb 1973

063786 307.8 R32
Glyceridic structure of Canbra oil. [Rape oil]. (Fre) Sergiel, J P *Rev Franc Corps Gras* 20 (3): 137-141. Ref. Eng. Sum. Mar 1973

063787 307.8 R32
Oxidized fatty acid formation during seed storage. [Oil plants]. (Fre) Naudet, M *Rev Franc Corps Gras* 20 (3): 143-145. Eng. Sum. Mar 1973

063788 389.8 R59
Occurrence of tocopherol-like compounds in rapeseeds. (Pol) Olejnik, D *Rocz Technol Chem Zywn* 22 (2): 141-147. Ref. Eng. Sum. 1972

063789 389.8 R59
Aminoacid compositions of oilseed protein. (Pol) Janicki, J *Rocz Technol Chem Zywn* 22 (3/4): 251-260. Ref. Eng. Sum. 1972

063790 389.8 R59
Certain methods of desalting syrups designed for rpoduction of liquid sugar. (Pol) Zaorska, H *Rocz Technol Chem Zywn* 22 (3/4): 302-313. Eng. Sum. 1972

063791 65.8 SO83
Pollution abatement & sugar industry. Matic, M *S Afr Sugar Year Book* 42: 4-7. Ref. 1971072

063792 65.8 SO83
Forty seventh annual review of milling season in Southern Africa, (1971 – 72). Lamusse, J P *S Afr Sugar Year Book* 42: 83-102. 1971/72

063793 65.8 SA2
On selecting optimum conditions for sulfitation of juice. [Beets, sugar manufacture]. (Rus) Semenenko, V Z *Sakharn Prom* 1: 18-21. Jan 1973

063794 65.8 SA2
On microflora of raw beet sugar. [Bacteria, fungi]. (Rus) Nakhodkina, V Z *Sakharn Prom* 1: 45-47. Jan 1973

063795 65.8 SA2
On activity of invertase in a frozen state. [Sugar manufacture]. (Rus) Khelemskii, M Z *Sakharn Prom* 1: 48-49. Jan 1973

063796 65.8 SA2
Thermic processing of artificial sago. [Starches]. (Rus) Sliusarenko, S N *Sakharn Prom* 1: 60-64. Jan 1973

063797 65.8 SA2
Quantitative determination of pectin substances & their role in sugar production process. (Rus) Bugaenko, I F *Sakharn Prom* 2: 15-18. Feb 1973

063798 65.8 SA2
Sulfitation of beet sugar products. (Rus) Bobrovnik, L D *Sakharn Prom* 2: 19-22. Feb 1973

063799 65.8 SA2
Study of optimum conditions for sulfitation of thick products of beet sugar manufacture. (Rus) Bobrovnik, L D *Sakharn Prom* 2: 22-27. Feb 1973

063800 65.8 SA2
Study of process of extracting sugar from beets in a fluidized bed in continuously operating semi-industrial diffusion apparatus. (Rus) Sanov, V N *Sakharn Prom* 2: 27-33. Feb 1973

063801 65.8 SA2
Mathematical description of amount of sugar in molasses. (Rus) Zagorul'ko, A Ia *Sakharn Prom* 2: 33-38. Feb 1973

063802 65.8 SA2
Study of substances adsorbed by active granulated carbon from syrups of beet sugar production. (Rus) Kravets, IA O *Sakharn Prom* 2: 38-40. Feb 1973

063803 65.8 SA2
Effect of modifier-salts on properties of sugar solutions when heated. [Sugar manufacture]. (Rus) Griuner, V S *Sakharn Prom* 2: 40-43. Feb 1973

063804 65.8 SA2
Use of conductometric measurements for technological evaluation of sugar beets. [Sugar manufacture]. (Rus) Khelemskii, M Z *Sakharn Prom* 2: 56-62. Feb 1973

063805 65.8 SA2
Production check of crystallization of glucose with intermediate centrifuging & seeding of raw crystals. [Sugar manufacture, starches]. (Rus) Tregubov, N N *Sakharn Prom* 2: 63-67. Feb 1973

063806 65.8 SA2
Hygroscopic properties of artificial sago. [Starch]. (Rus) Sliusarenko, S N *Sakharn Prom* 2: 70-73. Feb 1973

063807 TP375.S6
Investigations of reactivity in cellulose from sugarcane residues by adiabatic acetylation. (Spa) Kostrov, Y A *Sobre Deriv Cana Azucar* 6 (1): 14-19. Ref. Jan-/Apr 1972

063808 TP375.S6
A study of kenaf; dimensions of elemental febres. (Spa) Gonzalez, M D *Sobre Deriv Cana Azucar* 6 (1): 5-13. Eng. Sum. Jan-/Apr 1972

063809 TP375.S6
Effect of nitrogen & monosodium phosphate concentration on synthesis of dextran sucrase. (Spa) Almazan, O *Sobre Deriv Cana Azucar* 6: 17-24. Eng. Sum. 1972

063810 TP375.S6
Determination of polysacharides in sugarcane juice & in sugar industry products. (Spa) Leal Garcia, J E *Sobre Deriv Cana Azucar* 6: 25-30 eng. Sum. 1972

063811 TP375.S6
Spectroscopic study of furan I. [sugarcane]. (Spa) Gonzalez Quinonis, R *Sobre Deriv Cana Azucar* 6: 47-59. Ref. Eng. Sum. 1972

063812 TP375.S6
A study of effect of sodium hydroxide on nitrated bagasse. (Spa) Hernandez Clavijo, L *Sobre Deriv Cana Azucar* 6: 60-73. 1972

063813 58.9 SO1
Drying characteristics & germinability of barley grains. I. (Jap) Sasaki, Y *Soc Agr Mach Jap J* 34 (3): 252-257. Eng. Sum. Dec 1972

063814 309 ST22
Effect of metal cations on swelling & gelatinization behaviour of large wheat starch granules. Gough, B M *Starke* 25 (4): 123. Ref. Apr 1973

063815 66.8 SU1
Methods to evaluate & reduce deterioration of decalcifying resins in service. [Sugar manufacture]. (Fre) Oldfield, J F T *Sucrerie Belge* 92 (3): 81-90. Eng. Sum. Mar 15, 1973

063816 65.8 SU391
Effect of sucrose content of milk of lime on efficiency of beet juice purification. Vasatko, J *Sugar J* 35 (11): 10-13. Ref. Apr 1973

063817 65.8 SU391
New cane washing method. Daigle, C J *Sugar J* 36 (11): 21-22. Apr 1973

063818 65.8 SU36
Honiron introduces sugar hi-extraction process. *Sugar News (manila)* 48 (11): 530-533. Nov 1972

063819 298.8 T22
French contribution to studies concerning detection of soft wheats in products derived from durum wheat: Communication presented at Durum & Dough Products Meeting at Detmoid in March 1969. (Fre) Bure, J *Tech Ind Cerealieres* 139: 8-13. Nov/Dec 1972

063820 304.8 T293
Strength losses & structural changes in cotton fabric crosslinked with dimethylolethyleneurea. Segal, L *Textile Res J* 43 (4): 185-194. Ref. Apr 1973

063821 304.8 T293
Enchancement of natural flame resistance of wool. Friedman, M *Textile Res J* 43 (4): 212-217. Ref. Apr 1973

063822 304.8 T293
Properties of durable-press cotton fabrics related to swellability. Nelson, M L *Textile Res J* 43 (4): 218-227. Ref. Apr 1973

063823 A381 R31
Proceedings of twelfth Cotton Utilization Research Conference held at New Orleans, La. May 8-10, 1972. *U S Agr Res Serv ARs-72* 98, 77 P. Nov 1972

063824 A381 R31
Proton mobilities of liquids sorbed on cotton cellulose. Pittman, R A *U S Agr Res Serv ARs-72* 98: 11-12. Nov 1972

063825 A381 R31
Polymorphs of cellulose. [Cotton]. French, A D *U S Agr Res Serv ARs-72* 98: 12-13. Ref. Nov 1972

063826 A381 R31
Interactions of anhydrous ammonia & organic solvents with cotton as measured by ESR [electron spin resonance] trapped radical technique. Arthur, J C *U S Agr Res Serv ARs-72* 98: 13-14. Nov 1972

063827 A381 R31
Electrical properties of cotton. Hemstreet, J M *U S Agr Res Serv ARs-72* 98: 15-16. Nov 1972

063828 A381 R31
Total oxygen demand of various warp size formulations. [Cotton]. Blanchard, E J *U S Agr Res Serv ARs-72* 98: 17-18. Nov 1972

063829 A381 R31
Chemical finishing of cotton yarns for improved knittability; a preliminary report. Wolfgang, W G *U S Agr Res Serv ARs-72* 98: 19-22. Nov 1972

063830 A381 R31
Chemical processing of commerical type fabrics from discount cottons. Johnson, R F *U S Agr Res Serv ARs-72* 98: 22-32. Ref. Nov 1972

063831 A381 R31
Correlation of wear tests with laboratory tests of experimental & standard weave cotton fabrics – research progress report. Dowlen, R P *U S Agr Res Serv ARs-72* 98: 32-38. Nov 1972

063832 A381 R31
Strength losses & structural changes in cotton print cloth crosslinked with dimethylolethylene urea. Segal, L *U S Agr Res Serv ARs-72* 98: 39-40. Nov 1972

063833 A381 R31
Formation of inclusion complexes by liquid ammonia treatments of previously crosslinked cottons. Wade, R H *U S Agr Res Serv ARs-72* 98: 40-41. Nov 1972

063834 A381 R31
Accessibility to aqueous media of durable-press cotton fabrics. Nelson, M L *U S Agr Res Serv ARs-72* 98: 41-43. Nov 1972

063835 A381 R31
A catalyst system for creasing fully cured durable press goods. [Cotton]. Reinhardt, R M *U S Agr Res Serv ARs-72* 98: 43-45. Ref. Nov 1972

063836 A381 R31
Elemental analysis of flame-retardant cotton fabrics. Piccolo, B *U S Agr Res Serv ARs-72* 98: 45-46. Nov 1972

063837 A381 R31
Influence of atmosphere & additives on rate of free radical & char formation during thermolysis of cotton. Hinojosa, O *U S Agr Res Serv ARs-72* 98: 46-48. Nov 1972

063838 A381 R31
Reaction of cotton cellulose with phosphorus trihalide-DMF [dimethylformamide] systems as an experimental approach to flame-retardant fabrics. Vigo, T L *U S Agr Res Serv ARs-72* 98: 48-50. Nov 1972

063839 A381 R31
A new rapid method for determination water in THPC [tetrakishydroxymethylphosphonium chloride]. Berni, R J *U S Agr Res Serv ARs-72* 98: 51-53. Nov 1972

063840 A381 R31
Liquid ammonia & nonaqueous solutions of ammonia in phosphorus-based flame retardants. [Fabrics]. Calamari, T A *U S Agr Res Serv ARs-72* 98: 53-54. Nov 1972

063841 A381 R31
Application of THPOH [tetrakishydroxymethylphosphonium hydroxide]-amide flame retardant to cotton flannelette. Beninate, J V *U S Agr Res Serv ARs-72* 98: 54-55. Nov 1972

063842 A381 R31
Cotton Incorporated activities. [Cotton research]. Moore, S F *U S Agr Res Serv ARs-72* 98: 6-8. Nov 1972

063843 A381 R31
Ammonia fixation of THPOH [tetrakishydroxymethylphosphonium hydroxide]-flame retardant in a continuous process. [Cotton]. Hendrix, J E *U S Agr Res Serv ARs-72* 98: 65-67. Nov 1972

063844 A381 R31
Cotton research at IIC. [International Institute for Cotton]. Burkitt, F H *U S Agr Res Serv ARs-72* 98: 8-10. Nov 1972

063845 A281.9 F76FM
World's cottons: a summary of cotton fiber & processing test results. Evans, R B *U S Foreign Agr Serv Fas-m* 250, 91 P. Mar 1973

063846 20 M66
Study of process of drying seed grain in a recycled pneumatic-gas dryer. (Bel) Maroz, M A *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 1: 72-76. 1973

063847 20 AK1
On varietal specificity of component of glutenin of wheat. (Rus) Peruanskii, IU V *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 2: 4-6. Ref. Feb 1973

063848 449.9 W26
Influence of chemical factors on stability of 5-vinyl-oxazolinathion-2. [Rapeseed oil]. (Pol) Grzybowska, J *Warsaw Panstw Zakl Hig Rocz* 23 (3): 259-262. Ref. Eng. Sum. 1972

063849 281.8 Z32
Marketing & processing problems in cottonseed & cottonseed oil sector in Tanzania. Barket, E *Z Auslandische Landwirt* 11 (3/4): 301-317. July/Dec 1972

063850 65.8 D48
Rise in boiling point & supersaturation of sugar solutions. (Ger) Vavrinecz, G *Z Zuckerindus* 23 (1): 10-17. Ref. Eng. Sum. Jan 20, 1973

063851 65.8 D48
Mathematical-mechanical relations in measuring rheological qualities of sirup & sirup-crystal mixtures by means of rheometer process value transmitter. (Ger) Kemter, H *Z Zuckerindus* 23 (1): 27-32. Eng. Sum. Jan 20, 1973

063852 65.8 D48
Relationship between extraction of sucrose & extraction of some non-sugars. [Sugarbeets]. (Ger) Poel, P W van der *Z Zuckerindus* 23 (2): 71-76. Eng. Sum. Feb 1973

063853 65.8 D48
Cane raw sugar processing during beet sugar campaign. (Ger) Wolff, E *Z Zuckerindus* 23 (2): 76-77. Eng. Sum. Feb 1973

063854 65.8 D48
Diffusion in sugar cane: determination of some thermodynamic properties in evidence. Agarwal, S K D *Z Zuckerindus* 23 (2): 78-81. Ref. Feb 1973

063855 448.3 C33 (3)
Behaviour of microflora of wheat related to cleaningand flour mill-flow diagram. III. Investigations regarding effects of wheat cleaning process t (Ger) Spicher, G *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 127 (7/8): 789-806. Ref. Eng. Sum. 1972

063856 20.5 Z5
Influence of refining on oxidation stability of rape-seed oil. Jakubowski, A *Zeszyty Probl Postepow Nauk Roln* 136: 115-118. 1973

063857 20.5 Z5
Selective hydrogenation of linolenic acid as a method of. Pezinski, W *Zeszyty Probl Postepow Nauk Roln* 136: 183-186. 1973

063858 20.5 Z5
Effect of tocopherols content on stability of refined rapeseed oil. Pilat, K *Zeszyty Probl Postepow Nauk Roln* 136: 187-189. 1973

063859 20.5 Z5
Elimination of traces of iron & copper during refining & deterioration of rapeseed oil. Rudzka, Z *Zeszyty Probl Postepow Nauk Roln* 136: 203-205. 1973

063860 20.5 Z5
Oxidation processes in production & storage of sunflower seed oils. Rzhekhin, V P *Zeszyty Probl Postepow Nauk Roln* 136: 211-214. 1973

063861 20.5 Z5
Effectiveness of some antioxidants in rapeseed oil. Slowikowska, J *Zeszyty Probl Postepow Nauk Roln* 136: 235-238. 1973

063862 20.5 Z5
Nonvolatile oxidation products of fatty acids in heated rapeseed oil. Steibert, E *Zeszyty Probl Postepow Nauk Roln* 136: 239-242. Ref. 1973

063863 20.5 Z5
Improvement of rapeseed oils stability by treatment with phosphoric acid. Szemraj, H *Zeszyty Probl Postepow Nauk Roln* 136: 243-245. Ref. 1973

063864 20.5 Z5
Influence of prolonged storage of rapeseeds on oil quality. Wojnarowicz, C *Zeszyty Probl Postepow Nauk Roln* 136: 255-258. 1973

063865 20.5 Z5
Autoxidation kinetics investigation of methyl linoleate by means of a Warburg Apparatus. [Sunflower oil]. Zwierzykowski, W *Zeszyty Probl Postepow Nauk Roln* 136: 285-290. 1973

063866 65.8 Z82
Rapid method for determining lactic acid in final molasses by means of gas-liquid chromatography. (Ger) Reinefeld, E *Zucker* 26 (4): 186-188. Ref. Eng. Sum. Apr 1973

063867 65.8 Z82
Thin juice decolorization. [Sugar manufacture]. (Ger) Zaorska, H *Zucker* 26 (4): 189-191. Ref. Eng. Sum. Apr 1973

063868 65.8 Z82
Filtration fabrics in field of thick juice & liquor filtration. [Sugar]. (Ger) Burghardt, H *Zucker* 26 (4): 192-194. Eng. Sum. Apr 1973

HORTICULTURAL PRODUCTS

063869 385 AF4
Contribution of gas chromatography to identification & determination of minor components of olive oil. (Spa) Tous, J G *Afinidad* 29 (302): 1077-1085. Eng. Sum. Dec 1972

063870 22.5 N682
Irradiation application for preservation of foodstuffs. 2. Inhibition of sprouting of stored potatoes. (Jap) Kariya, A *Agric Hortic* 48 (4): 38-42. Apr 1973

063871 511 AK192D
Choice of yeast strains used in natural apple wine production. (Rus) Jokantaite, T *Akad Nauk Litov Ssr Darbai Tr Ser C* 3 (59): 23-30. Ref. Eng. Sum. 1972

063872 TP559.G3A5
Optimal storage of wine, comparison of containers. (Ger) Troost, G *Allg Dtsch Weinfachztg* 109 (11): 280, 282, 284, 286, 288-289. Mar 16, 1973

063873 390.9 AM33
Lactones in wines – a review. Muller, C J *Amer J Enol Vitic* 24 (1): 5-9. Ref. 1973

063874 75.8 P842
Leaching of solutes & slouching of potato tuber tissue. Davis, W C *Amer Potato J* 50 (2): 35-41. Feb 1973

063875 75.8 P842
Effects of various processing methods on free & bound amino acid contents of potatoes. Jaswal, A S *Amer Potato J* 50 (3): 86-95. Ref. Mar 1973

063876 81 SO12
High humidity storage of carrots, parsnips, rutabagas, & cabbage. Berg, L van den *Amer Soc Hort Sci J* 98 (2): 129-132. Ref. Mar 1973

063877 81 SO12
Degreening response of Hamlin' oranges in relation to temperature, ethylene concentration, & fruit maturity. Jahn, O L *Amer Soc Hort Sci J* 98 (2): 177-181. Ref. Mar 1973

063878 81 SO12
Prolonging life of harvested McFarlin cranberries. Shawa, A Y *Amer Soc Hort Sci J* 98 (2): 212-214. Ref. Mar 1973

063879 81 SO12
Postharvest effects of freezing on apples. Bir, R E *Amer Soc Hort Sci J* 98 (2): 218. Ref. Mar 1973

063880 80 AR2
Effect of mechanized harvesting on keeping quality of onions (Allium cepa L.). II. Changes during permanent storage. (Ger) Bottcher, H *Arch Gartenbau* 21 (2): 79-97. Ref. Eng. Sum. 1973

063881 80 AR2
Studies on organization of dessert apple harvesting, transport & preparation along industrial lines. (Ger) Messner, A *Arch Gartenbau* 21 (2): 99-124. Ref. Eng. Sum. 1973

063882 296.8 AR1
Storage & marketing of potatoes. (Ger) Penner, D *Bauen Lande* 23 (7): 213-214. July 1972

063883 S13.B7
Study on problem of establishing starch content according to Ewers. 5. [Potato starch]. (Cze) Dudas, F *Brno Acta Univ Agr Fac Agron* 20 (2): 269-273. Ref. 1972

063884 87 M42
Studies on sugars, organic acids & volatile components in grape berries. (Jap) Hiroyasu, T *Chiba Univ Fac Hort Tech Bull* 20: 51-60. Ref. Eng. Sum. Dec 1972

063885 87 M42
Studies on acid phosphatase of tomato fruit. (Jap) Ogura, N *Chiba Univ Fac Hort Tech Bull* 20: 67-72. Ref. Eng. Sum. Dec 1972

063886 SB23.C6A3
Annotated bibliography on processing varieties of peas, beans (Phaseolus), brussels sprouts & spinach, 1966 – 1971. *Commonw Bur Hortic Plant Crops Query File* 6028 (s), 4 P. Jan 1973

063887 SB23.C6A3
Annotated bibliography on storage of asparagus, 1953 – 1971. *Commonw Bur Hortic Plant Crops Query File* 6029(s), 4 P. Jan 1973

063888 SB23.C6A3
Annotated bibliography on storage of leeks, 1959 – 1970. *Commonw Bur Hortic Plant Crops Query File* 6030 (s): 1 P. Jan 1973

063889 SB23.C6A3
Annotated bibliography on storage of lettuce, 1969 – 1972. *Commonw Bur Hortic Plant Crops Query File* 6031(s), 2 P. Jan 1973

063890 SB23.C6A3
Annotated bibliography on storage of carrots, 1968 – 1971. *Commonw Bur Hortic Plant Crops Query File* 6032(S), 2 P. Jan 1973

063891 389.8 ER66
Changes in quality of fruit & vegetables packed in boxes & glasses. (Ger) Herrmann, K *Ernahr-umsch* 20 (3): 70-75. Ref. Mar 1973

063892 TP368.E7
Canned potatoes packaged speciality or mass consumption product? (Ger) Dangler, L *Ernahrungswirtschaft* 2: 82, 84-85. Feb 1973

063893 450 EU6
Methods to determine solidity & dry matter content of onions (Allium cepa L.). Nieuwhof, M *Euphytica* 22 (1): 39-47. Mar 1973

063894 80 EX7
Cool storage of cut Narcissus. Nichols, R *Exp Hort* 24: 68-76. 1972

063895 80 EX7
Cool storage of Narcissus flowers in fibre-board boxes. Nichols, R *Exp Hort* 24: 77-82. 1972

063896 18 W763
Ideas on vegetable storage under industrialised production conditions [East Germany]. (Ger) Gatzke, E *Feldwirtschaft* 13 (12): 563-565. 1972

063897 18 W763
Management of stored food & seed potatoes. (Ger) Kloss, R *Feldwirtschaft* 14 (1): 26-28. Jan 1973

063898 28 F55
Protein & aminoacids content variation in potato tubers during storage at different temperatures. (Spa) Arana C, H *Fitotec Latinoamer* 8 (2): 30-35. Eng. Sum. 1972

063899 389.8 F7372
Breaking down pectins. [Swine, Fruit juices]. Aligianis, D *Food Indus S Afr* 25 (9): 7, 9. Jan 1973

063900 389.8 F736
Suitability of fruit for jam manufacture. Scholey, J *Food Manufacture* 48 (1): 19-20. Jan 1973

063901 389.8 F7333
Granulation of Valencia oranges. El-Zeftawi, B M *Food Technol Australia* 25 (2): 103,105. Feb 1973

063902 S251.F6
Fruit with quality. [Apples]. (Swe) Johnson, T *Forsk Prakt* 1, 7 P. 1972

063903 SB354.F78
Wine & wine from fruit. (Dan) Gumpel, H *Frugtavleren* 2 (3): 84-86. Mar 1973

063904 80 F9493
Possibility to improve preservation of fruits by an appropriate packaging. (Fre) Herregods, M *Fruit Belg* 41 (361): 10-13. Jan/Mar 1973

063905 80 F9493
Packaging materials. [Fruit]. (Fre) Herregods, M *Fruit Belg* 41 (361): 19-20. Jan/Mar 1973

063906 80 F9493
Wooden boxes for packing of fruits. (Fre) Detemmerman, E *Fruit Belg* 41 (361): 20-21. Jan/Mar 1973

063907 80 F9493
Corrugated cardboard in packing of fruits. (Fre) Stegen, V *Fruit Belg* 41 (361): 22-24. Jan/Mar 1973

063908 80 F9493
Plastic containers for packaging of fruits. (Fre) Petegem, L Van *Fruit Belg* 41 (361): 25-28. Jan/Mar 1973

063909 80 F9493
Disposable packaging made of Stryropor for fruits & vegetables. (Fre) Alles, R *Fruit Belg* 41 (361): 28-32. Jan/Mar 1973

063910 80 F9493
Export packings for fruits from South Africa: Present & future. (Fre) Ginsburg, L *Fruit Belg* 41 (361): 33-36, 45-47. Jan/-Mar 1973

063911 80 F9493
Packing of fruits in Netherlands. (Fre) Hogewoning, G *Fruit Belg* 41 (361): 48-51. Jan/Mar 1973

063912 80 F9493
Packings utilized for transport & commercialization of fruits in France. (Fre) Mariaux, J R *Fruit Belg* 41 (361): 52-54. Jan/Mar 1973

063913 80 F9493
Belgian 'Belinco' package for apples & pears. (Fre) Frison, R *Fruit Belg* 41 (361): 54-55. Jan/Mar 1973

063914 80 F9493
One of our nurserymen & his 'bex's box'. [Fruit]. (Fre) Laminne, G de *Fruit Belg* 41 (361): 56-57. Jan/Mar 1973

063915 80 F9493
Small packages. [Fruit]. (Fre) Herregods, M *Fruit Belg* 41 (361): 60. Jan/Mar 1973

063916 80 F9493
Use of pliable films for packaging of fruits: New possibilities. (Fre) Vanderplaetse, N *Fruit Belg* 41 (361): 61-62. Jan/Mar 1973

063917 80 F9493
Development of technique for weighing fruits. (Fre) Claesen, J *Fruit Belg* 41 (361): 63. Jan/Mar 1973

063918 80 F9493
Preservation of strawberry plants. (Fre) Dufrasne, M *Fruit Belg* 41 (361): 67-70. Jan/Mar 1973

063919 80 F9493
Quality control of materials & packagings for fruits & vegetables. (Fre) Barette, G L *Fruit Belg* 41 (361): 7-9. Jan/Mar 1973

063920 80 G1948
Home-produced raw materials: main basis for fruit-& vegetable-processing industry. (Ger) Zimmermann, H *Gartenbau* 19 (11): 248-249. Nov 1972

063921 80 G1948
Increasing juice yield from apples for industrial processing. (Ger) Herz, W *Gartenbau* 19 (11): 253-254. Nov 1972

063922 80 G1948
Importance of elderberries as a raw material. (Ger) Kurzhals, B *Gartenbau* 19 (11): 254-255. Nov 1972

063923 80 G1948
Fundamentals regarding production of fruit pulps. (Ger) Meischak, G *Gartenbau* 19 (11): 255-256. Nov 1972

063924 80 G1948
Basic requirements for successful onion sotrage. III practical steps for storage. (Ger) Bottcher, H *Gartenbau* 19 (11): 257-258. Nov 1972

063925 80 G1938
Vegetables & fruits should be carefully handled & packed. (Nor) *Gartneryrket* 63 (7): 114. Feb 16, 1973

063926 24 G25
For establishment of a fruit center. (Por) *Gaz Agr (lourenco Marques)* 24 (278): 213-220. July 1972

063927 68.8 G65
Fruit & nut products require sophisticated packaging. Sacharow, S *Gordian* 72 (5): 186-187. May 1972

063928 68.8 G65
Chinese gooseberry. [Actinidia chinensis, composition]. (Ger) Benk, E *Gordian* 72 (5): 190. Eng. Sum. May 1972

063929 15.5 G76
Enological methods: Mathematics at service of enology. (Por) Veiga, N da *Granja (Lisboa)* 31 (1/4): 27-48. Jan/Dec 1972

063930 100 H313P
Tropical fruit beverage bases. [Guavas, pineapples, grandilla]. Brekke, J E *Hawaii Agr Exp Sta Res Rep* 198, 9P. Feb 1973

063931 448.2 H653
English cidermaking: technology, microbiology & biochemistry. Beech, F W *Hockenhull, David John Darlington Prog Ind Microbiol* 11: 133-213. Ref. 1972

063932 SB1.H6
Influence of ethylene on stored late-season 'Marsh' grapefruit. Hatton, T T *Hortscience* 8 (2): 101-102. Apr 1973

063933 SB1.H6
Chemical & physical basis of texture in horticultural products. Hoff, J E *Hortscience* 8 (2): 108-110. Ref. Apr 1973

063934 SB1.H6
Rreharvest benomyl application to increase survival & quality of cold-stored strawberry nursery plants. Maas, J L *Hortscience* 8 (2): 121-123. Apr 1973

063935 SB1.H6
Quality of canned 'Babygold ?' peaches as affected by maturity & processing time. Owens, C R *Hortscience* 8 (2): 123-124. Apr 1973

063936 SB1.H6
A simple method for controlled introduction of fresh air into experimental cold storage rooms. Chalutz, E *Hortscience* 8 (2): 96-97. Apr 1973

063937 SB1.H6
Fatty acids of Brazilian cashew kernels. Barroso, M A T *Hortscience* 8 (2): 99. Apr 1973

063938 S469.R92E39
Problems of production & processing of potatoes. (Rus) Merimskii, G M *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 184-188. 1972

063939 SB123.S45
Raw vegetable requirements for canning industry. (Rus) Lugovkin, V D *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 179-183. 1972

063940 SB123.S45
Requirements for industrial grades of fruit, berry & grape crops. (Rus) Tupitsyn, D I *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 190-197. 1972

063941 383 AS7
Technique of 'mechanical cold-cryogenic cold' mixed freezing. [Vegetables]. (Fre) Lermuzeaux, M *Indus Aliment Agr* 90 (1): 11-17. Eng. Sum. Jan 1973

063942 383 AS7
On composition of stable isotopes of water in apple juice. (Fre) Bricout, J *Indus Aliment Agr* 90 (1): 19-22. Eng. Sum. Jan 1973

063943 389.8 K832
Canning industry & production of packaging material. (Ger) Scharfenstein, O H C *Indus Obst& Gemuseverwert* 58 (2): 40-43. Jan 18, 1973

063944 389.8 K832
Fruit & vegetable processing in first half of 1972. (Ger) Siegel, O *Indus Obst& Gemuseverwert* 58 (4): 105-107. Feb 15, 1973

063945 389.8 K832
Vinegar, canned cucumbers & vegetables in vinegar. (Ger) Scharfenstein, H C *Indus Obst& Gemuseverwert* 58 (4): 98-105. Feb 15, 1973

063946 389.8 K832
Conditions of competition in German fruit, vegetable, & pickle conserve industry. (Ger) Brinkmann, H E *Indus Obst& Gemuseverwert* 58 (7): 183-185. Apr 5, 1973

063947 389.8 K832
How to handle apples in cold storage. (Ger) Bunemann, G *Indus Obst& Gemuseverwert* 58 (7): 192-193. Apr 5, 1973

063948 S19.J62
Quality evaluation of apple jelly prepared from peel & core portions. Haq, M A *J Agric Res* 10 (3): 235-236. Sept 1972

063949 49 J823
Studies of Egyptian onion by-products. 1. Composition after oil extraction. El-Abbady, A M *J Anim Prod United Arab Repub* 12 (1): 57-66. Ref. 1972

063950 475 J824
Determination of biphenyl & orthophenylphenol in citrus fruits by gas chromatography. Beernaert, H *J Chromatography* 77 (2): 331-338. Ref. Mar 28, 1973

063951 389.8 F7322
Physical, rheological & chemical properties of bananas during ripening. Charles, R J *J Food Sci* 38 (3): 456-459. Ref. Mar/Apr 1973

063952 389.8 F7322
Effect of metal ions on color of strawberry puree. Wrolstad, R E *J Food Sci* 38 (3): 460-463. Ref. Mar/Apr 1973

063953 389.8 F7322
Ion exchange purified anthocyanin pigments as a colorant for cranberry juice cocktail. Chiriboga, C D *J Food Sci* 38 (3): 464-467. Ref. Mar/Apr 1973

063954 389.8 F7322
Vitamin retention in bean products: cooked, canned & instant bean powders. Miller, C F *J Food Sci* 38 (3): 493-495. Ref. Mar/Apr 1973

063955 389.8 F7322
Split peeled beans: preparation and some properties. Kon, S *J Food Sci* 38 (3): 496-498. Ref. Mar/Apr 1973

063956 389.8 F7322
Field tests of salt recovery system for spent pickle brine. Durkee, E L *J Food Sci* 38 (3): 507-511. Mar/Apr 1973

063957 389.8 F7322
Effects of different submergence times in hot calcium chloride on peeling efficiency of tomatoes. Stephens, T S *J Food Sci* 38 (3): 512-515. Ref. Mar/Apr 1973

063958 389.8 F7322
Aqueous processing of fresh coconuts for recovery of oil & coconut skim milk. Hagenmaier, R *J Food Sci* 38 (3): 516-518. Mar/Apr 1973

063959 389.8 F7322
Storage behavior of artificially waxed green snap beans. Singh, R P *J Food Sci* 38 (3): 542-543. Mar/Apr 1973

063960 389.8 F7322
Effects of heat processing on retention of vitamin B6 in lima beans. Raab, C A *J Food Sci* 38 (3): 544-545. Ref. Mar/Apr 1973

063961 389.8 F7322
Compounds contributing to heat-induced bitter off-flavor in avocado. Ben-et, G *J Food Sci* 38 (3): 546-547. Mar/Apr 1973

063962 389.8 F7322
Alpha-amylase in sweet potatoes. A comparison between amyloclastic & chromogenic starch methods of analysis. Walter, W M *J Food Sci* 38 (3): 548-549. Mar/Apr 1973

063963 389.8 F7322
Ascorbic acid content of artificially ripened tomatoes. Pantos, C E *J Food Sci* 38 (3): 550. Mar/Apr 1973

063964 382 SO12
Measurement of non-enzymic browning of dehydrated carrot. Baloch, A K *J Sci Food Agr* 24 (4): 389-398. Ref. Apr 1973

063965 382 SO12
Studies on Egyptian broad bean seeds. III. Germinated & blanched broad beans. Salem, S A *J Sci Food Agr* 24 (4): 399-400. Apr 1973

063966 382 SO12
Effect of potassium sulphite on recovery of micro-organisms from dehydrated onion. Moussa, R S *J Sci Food Agr* 24 (4): 401-406. Ref. Apr 1973

063967 382 SO12
Fatty acids in different pulses produced & consumed in Bangladesh. Choudhury, K *J Sci Food Agr* 24 (4): 471-473. Ref. Apr 1973

063968 87 H78
Studies on storage of fruits & vegetables. V. On CA-storage of Satsuma orange used for semi-practical Ca plant. [Controlled atmosphere]. (Jap) Honda, Y *Jap Soc Hort Sci J* 40 (1): 64-67. Mar 1971

063969 87 H78
Effects of gas concentrations on fruits. VI. Effects of carbon dioxide concentrations on Jonathan & Ralls apple fruits. (Jap) Kajiura, J *Jap Soc Hort Sci J* 41 (3): 301-311. Ref. Eng. Sum. Sept 1972

063970 87 H78
Studies on postharvest physiology & storage of citrus fruits. III. Influence of wind velocity on weight loss during curing of Satsuma mandarin. (Jap) Murata, T *Jap Soc Hort Sci J* 41 (3): 312-316. Eng. Sum. Sept 1972

063971 87 H78
Studies on metabolism of free amino acids during maturation & ripening of tomato fruits. III. Metabolism of glutamic acid & gamma-aminobutyric acid during ripening of tomato fruits. (Jap) Yamanaka, H *Jap Soc Hort Sci J* 41 (3): 317-321. Ref. Eng. Sum. Sept 1972

063972 87 H78
Physiological & chemical studies of chilling injury in pepper fruits. V. changes of PAL [phenylalanie ammonia-lyase] activity in pepper seeds accompanied with chilling injury, & relationship between PAL activity in. Kozukue, N *Jap Soc Hort Sci J* 41 (3): 322-326. Ref. Sept 1972

063973 80 K122
Temperature, moisture & wind-speed in drying of Satsuma oranges. [Storage]. (Jap) Murata, T *Kajitsu Nippon* 27 (11): 54-55. Nov 1972

063974 389.8 K13
Pineapples. [Production, processing]. (Jap) Takahashi, K *Kanzume Jiho* 52 (3): 34-38. Mar 1973

063975 100 M28S (1)
Optimum number, size, & location of tablestock potato packing plants in Maine. King, F R *Maine Life Sci Agr Exp Sta Bull* 697, 25 P. Sept 1972

063976 S11.O78
Storing potatoes. (Swe) Ragnarsson, K E *Medlemsbl Ostergotlands Lans Hushallningssallsk* 5 (3): 14-15, 26. 1972

063977 80 M97
Observations of effect of punnet type on quality of pre-packed mushrooms. Nichols, R *Mga Bull (Mushroom Growers Assoc)* 3: 106-109. Mar 1973

063978 81 M58
What are limitations to processing quality cherries? Gleason, J *Mich State Hort Soc Annu Rep* 102Nd: 117-118. 1973

063979 18 N39
What kind of potatoes qualify for canning. (Ger) Paulus, K *Mitt Deut Landwirt-ges* 87 (31): 810-812. July 27, 1972

063980 105.9 K696
To what degree can white grapes be used in making of red wine. (Ger) Haushofer, H *Mitt Rebe Wein Obstbau Fruchteverwert* 22 (6): 403-413. Eng. Sum. Nov 1972

063981 105.9 K696
Differentiating of white wine varieties by separation of characteristical proteins by polyacrylamide electrophoresis. (Ger) Ebermann, R *Mitt Rebe Wein Obstbau Fruchteverwert* 22 (6): 414-416. Eng. Sum. Nov 1972

063982 105.9 K696
Differentiation of invertasse in wine by polyacrylamid gel electrophoresis. (Ger) Barna, J *Mitt Rebe Wein Obstbau Fruchteverwert* 22 (6): 417-420. Eng. Sum. Nov 1972

063983 105.9 K696
Quantitative determination of the stability of the tartaric and lactic acid in grape wines and red current wine. (Ger) Wejnar, R *Mitt Rebe Wein Obstbau Fruchteverwert* 22 (6): 421-425. Ref. Eng. Sum. Nov 1972

063984 105.9 K696
Washable pipette with multiway cock for rational sampling of wines. (Ger) Schneyder, J *Mitt Rebe Wein Obstbau Fruchteverwert* 22 (6): 426-428. Eng. Sum. Nov 1972

063985 105.9 K696
Critical consideration of results of 1st International Wine Contest from point of view of Austri an wines. (Ger) Paul, F *Mitt Rebe Wein Obstbau Fruchteverwert* 22 (6): 429-436. Eng. Sum. Nov 1972

063986 280.3939 N483
Survey of wineries & grape processing plants, New York 1972. *N Y Crop Rep Serv AMa Release* 133, 7 P. Jan 1973

063987 389.8 N142
Effect of maleic hydrazide (MH) on hexose content of potato tubers. (Ger) Moll, A *Nahrung* 17 (1): 1-10. Ref. Eng. Sum. 1973

063988 389.8 N142
On content of amino acids in date syrup from Iraq. (Ger) Amin, A *Nahrung* 17 (1): 91-92. Ref. Eng. Sum. 1973

063989 100 OR3OR
Blanching cleans up. [Broccoli]. *Oreg Agr Progr* 19 (3): 14. Winter 1973

063990 25 P542
Postharvest ripening & degreening of banana & citrus fruits with 2-chloroethylphosphonic acid (ethrel). Bondad, N D *Philippine Agr* 55 (7/8): 310-321. Ref. Dec 1971/jan 1972

063991 25 P542
Storage & handling of rambutan (Nephelium lappaceum L.). Mendoza, D B *Philippine Agr* 55 (7/8): 322-332. Ref. Dec 1971/jan 1972

063992 25 P542
Response of tomato fruits to acetylene & calcium carbide treatments. Bondad, N D *Philippine Agr* 55 (7/8): 333-340. Ref. Dec 1971/jan 1972

063993 25 P543
Effects of sand, sawdust, rice straw, rice hull & wood shaving on storage of onion. Lazo, F D *Philippine J Plant Indus* 35 (3/4): 235-242. 1970 (Pub. 1972)

063994 450 P564
Evolution of different enzymes followed by polyacrylamide gel electrophoresis during maturation of Passe-Crassane pears harvested & stored. (Fre) Hartmann, C *Physiol Plant* 28 (2): 284-290. Ref. Eng. Sum. 1973

063995 385 P93
Amino acid composition of wines prepared using proteolytic enzyme preparation protawamorin G 10x, 78-2. (Rus) Nanitashvili, T S *Priklad Biokhim Mikrobiol* 9 (1): 102-105. Ref. Jan/Feb 1973

063996 385 P93
Effect of irradiation on juice sugars & wine quality. (Rus) Frumkin, M L *Priklad Biokhim Mikrobiol* 9 (1): 106-112. Ref. Jan/Feb 1973

063997 385 P93
On an increase of content of steroid glycoalkaloids in detached leaves of Solanum laciniatum. (Rus) Guseva, A R *Priklad Biokhim Mikrobiol* 9 (1): 117-119. Eng. Sum. Jan/Feb 1973

063998 385 P93
Leucoanthocyanins of grape & wine. (Rus) Sturua, Z S *Priklad Biokhim Mikrobiol* 9 (1): 95-98. Ref. Eng. Sum. Jan/Feb 1973

063999 385 P93
Uronic acids of polysaccharides of grape must. (Rus) Zinchenko, V I *Priklad Biokhim Mikrobiol* 9 (1): 99-101. Eng. Sum. Jan/Feb 1973

064000 SF1.R54
Tasting of wine. (Ita) Salvadori Del Prato, O *Rilancio Agric Vet Zootec* 4 (10): 16, 18-19. 1972

064001 389.8 R59
Investigation of degree of improvement of technological value of apple pectin preparations as a result of modification of extraction method. (Pol) Drzazga, B *Rocz Technol Chem Zywn* 22 (2): 205-213. Ref. Eng. Sum. 1972

064002 389.8 R59
Isolation of proteolytic enzymes inhibitor from potatoes. (Pol) Worowski, K *Rocz Technol Chem Zywn* 22 (3/4): 261-270. Ref. Eng. Sum. 1972

064003 389.8 R59
Some rheological properties of red beets. (Pol) Chwiej, M *Rocz Technol Chem Zywn* 22 (3/4): 288-294. Eng. Sum. 1972

064004 80 SA15
Rapid method for determining glycerine & 2,3-butylene glycol in wines. (Rus) Mamakova, Z A *Sadov Vinogradarstvo Vinodelie Moldavii* 1: 25-26. Jan 1973

064005 80 SA15
Change of amino acids in grape juice during ripening. (Rus) Khachidze, O T *Sadov Vinogradarstvo Vinodelie Moldavii* 1: 26-28. Jan 1973

064006 80 SA15
Biological stability of wines processed with diatomic powder. (Rus) Kazumov, N B *Sadov Vinogradarstvo Vinodelie Moldavii* 1: 28-29. Jan 1973

064007 95.8 SE5
Alcohol analysis by gas chromatography. III. Identification & quantitative evaluation of principal components. (Spa) Cabezudo, M D *Sem Vitivinic* 1367/1368: 4299, 4305. Oct 21/28 1972

064008 95.8 SE5
Influence of value of free sulphurous anhydride on sparkling effect in clarification of red wines. (Spa) Ruiz Hernandez, M *Sem Vitivinic* 1367/1368: 4315, 4317, 4319, 4321. Oct 21/28 1972

064009 95.8 SE5
Heat effect on fermentation of red vintage; semi-industrial white vinification tests. (Spa) Martiniere, P *Sem Vitivinic* 1367/1368: 4323, 4325, 4327, 4329. Oct 21/28 1972

064010 95.8 SE5
Canary Islands & their vintages; wines which should be & are not. (Spa) Rodriguez Rodriguez, J *Sem Vitivinic* 1367/1368: 4355-4357. Oct 21/28 1972

064011 TP375.S6
A study of use of banana waste for paper pulp. (Spa) Moiseev, Y *Sobre Deriv Cana Azucar* 6: 31-46. Eng. Sum. 1972

064012 9.2 SO4
Variation of ascorbic acid & beta-carotene content in freeze-dried fruits. [Granadilla, papayas, strawberries]. (Por) Fonseca, H *Solo* 64 (2): 53-59. Ref. Eng. Sum. Nov 1972

064013 309 ST22
Experiments concerning swelling of potato starch granules. (Ger) Gruber, E *Starke* 25 (4): 109-115. Ref. Eng. Sum. Apr 1973

064014 309 ST22
Pore size in potato starch. *Starke* 25 (4): 115-118. Ref. Apr 1973

064015 309 ST22
Potato starch encapsulation with polyethylene. 2. Catalysis & polymerization. Chanzy, H D *Starke* 25 (4): 131-136. Ref. Apr 1973

064016 26 T756
Production of instant yam in Barbados. 1. Process development. Gooding, E G B *Trop Sci* 14 (4): 323-333. 1972

064017 A281.9 AG8A
Caustic dry peeling of cling peaches to reduce water pollution: its economic feasibility. Gray, L R *U S D A Agr Econ Rep* 234, 37 P. Ref. Dec 1972

064018 1 AG84TE
Photoelectric color sorting of citrus fruits. [Oranges, limes]. Jahn, O L *U S D A Tech Bull* 1448, 56 P. Ref. 1972

064019 S542.R6U5
Data & evaluation of composition & quality of wines obtained in Simnic & Banu Maracine wine centers from hill zone of Craiova. (Rum) Teodorescu, S *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 333-340. Eng. Sum. 1971 (Pub. 1972)

064020 S542.R6U5
Aspects on chromatic qualities of grapes & red wines in sands on left bank of Jiu-River. (Rum) Gheorghita, M *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 341-351. Ref. Eng. Sum. 1971 (Pub. 1972)

064021 95.8 V77
Determinting high-boiling aromatic substances of wine & champagne. (Rus) Avakiants, S P *Vinodelie Vinogradarstvo Sssr* 1: 10-13. 1973

064022 95.8 V77
Some features of physiology & metabolism of Saccharomyces bayanus. [Wine manufacture]. (Rus) Sarishvili, N G *Vinodelie Vinogradarstvo Sssr* 1: 13-15. 1973

064023 95.8 V77
On oxidative enzymes of grape must. (Rus) Nanitashvili, T S *Vinodelie Vinogradarstvo Sssr* 1: 16-18. 1973

064024 95.8 V77
Change in volatile substances of wine during aging under film. (Rus) Kishkovskii, Z N *Vinodelie Vinogradarstvo Sssr* 1: 19-22. 1973

064025 95.8 V77
Detection of lead in wines with aid of Arsazene. (Rus) Timofeeva, O A *Vinodelie Vinogradarstvo Sssr* 1: 23-24. 1973

064026 95.8 V77
On processing wine-manufacture residues. (Rus) Lobun'ko, N A *Vinodelie Vinogradarstvo Sssr* 1: 43-45. 1973

064027 95.8 V77
A method of spearating grape must form pulp. (Rus) Morozov, N V *Vinodelie Vinogradarstvo Sssr* 1: 48-49. 1973

064028 95.8 V77
Intensification of technological processes of champagne manufacture. (Rus) Brusilovskii, S A *Vinodelie Vinogradarstvo Sssr* 1: 5-9. 1973

064029 95.8 V77
Grape seed oil. (Rus) Razuvaev, N I *Vinodelie Vinogradarstvo Sssr* 1: 54-56. 1973

064030 20 AK1
Quality & keeping quality of carrots in relation to cultural conditions. (Rus) Starikov, A G *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 2: 10-12. Feb 1973

064031 95.8 W435
Determining sugar content of wine. (Ger) Lay, A *Weinberg Keller* 20 (1): 29-36. Ref. Jan 1973

064032 95.8 C122
Enological research in U.S. And Europe. Forrest, W *Wines Vines* 54 (4): 55-60. 1973

064033 95.8 W73
Development of young wine. (Ger) Haushofer, H *Winzer* 29 (1): 2-4. Jan 1973

064034 384 Z39
Lipoxygenase of peas. Formation of volatile aldehydes from linoleic acid. (Ger) Arens, D *Z Lebensmittel-untersuchung - Forsch* 151 (3): 162-166. Eng. Sum. Apr 10, 1973

064035 384 Z39
Studies on identification of irradiated potatoes. IV. effect of X-rays on synthesis of phenylalanin-ammonialyase in potatoes. (Ger) Shirsat, S *Z Lebensmittel-untersuchung -Forsch* 151 (3): 167-170. Eng. Sum. Apr 10, 1973

064036 384 Z39
Effects of heat treatment, UV [ultra violet] & gamma radiation on some beetroot pigments. Aurstad, K *Z Lebensmittel-untersuchung -Forsch* 151 (3): 171-174. Ref. Apr 10, 1973

064037 20.5 Z5
Lipid deterioration in stored seeds of Brassica oleracea L. [Cabbage, rape]. Krmanski, J *Zeszyty Probl Postepow Nauk Roln* 136: 131-134. 1973

064038 20.5 Z5
Minor componebts of oils in refining processes. [Olive oil]. Jacini, G *Zeszyty Probl Postepow Nauk Roln* 136: 25-32. 1973

FEED PRODUCT

064039 389.78 AL4
On presence of nitrates in dried dairy byproducts used for preparation of feeds. (Ita) Daghetta, A *Aliment Anim* 16 (2): 59-65. Ref. Eng. Sum. Mar/Apr 1972

064040 58.9 OS7
First results with a movable hot air dryer for green forage. (Ger) Maurer, *Arb Osterr Kuratoriums Landtech* 156: 46-54. Dec 1972

064041 389.78 AR22
Studies on extent of carotene losses occurring during storage of dried green fodder. 2. Influence of pelleting & of different types of storage. (Ger) Guther, G *Arch Tierernahr* 22 (8): 555-559. Eng. Sum. Oct 1972

064042 389.78 AR22
Method for determining content of nitrites & nitrates in green feeds & silage. (Ger) Hein, E *Arch Tierernahr* 23 (2): 165-172. Ref. Eng. Sum. Mar 1973

064043 9.2 C34
Feeds based on raw materials in 1972. [Brazil]. (Por) Firace, S *Avic Ind* 63 (756): 60-61. Dec 1972

064044 TP368.C3
Salmonella cycles in foods with special reference to effects of environmental factors, including feeds. Edel, W *Can Inst Food Technol J* 6 (2): 64-67. Apr 1973

064045 41.8 C163
Selenium content of feedstuffs produced in Prince Edward Island. Arthur, D *Can J Anim Sci* 53 (1): 113-114. Mar 1973

064046 450 C16
Organic acid determination on treated & untreated corn silage. Candlish, E *Can J Plant Sci* 53 (1): 105-111. Jan 1973

064047 450 C16
Influence of formic acid & formalin on quality of direct-cut alfalfa silage. Davidson, T R *Can J Plant Sci* 53 (1): 75-79. Ref. Jan 1973

064048 450 C16
Influence of formic acid & formalin on production of organic acid in direct – cut alfalfa silage. Davidson, T R *Can J Plant Sci* 53 (1): 81-85. Ref Jan 1973

064049 100 C76ST (1)
Commerical feeding stuffs inspection report, 1972. Hanna, J G *Conn Agr Exp Sta Bull* 736, 8 P. Apr 1973

064050 389.8 D482
Protein quality of feed & food. (Ger) Schulz, E *Deut Lebensmittel-rundsch* 69 (1): 55-59. Jan 1973

064051 298.8 SU2
Considerations on future way of rationalization in feed industry. (Ger) Gunther, K H *Deut Muller-zeitung* 71 (6): 97-99. Mar 22, 1973

064052 57.8 F413
Where can 'balanced ration' be produced cheaper. Sebestyen, E J *Feed Farm Supplies* 70 (3): 14. Mar 1973

064053 18 W763
Organisation of straw pelletisation in Karl-Marx-Stadt county. [Feed, cattle]. (Ger) Loose, D *Feldwirtschaft* 13 (11): 494-495. Nov 1972

064054 18 W763
Use of German Democratic Republic feed valuation system in feed testing & acceptance. (Ger) Weissbach, F *Feldwirtschaft* 13 (11): 495-498. Nov 1972

064055 18 W763
Experinece obtained by cooperative crop farming section of Zernitz from complete use of E 301 & E 280 for wilted ensilage prodcution. (Ger) Blumke, W *Feldwirtschaft* 13 (11): 504-5059 Nov 1972

064056 18 W763
Management of large-volume horizontal silos in experimental farm of Grossbeeren. (Ger) Kuhlmey, K *Feldwirtschaft* 13 (11): 506-508. Nov 1972

064057 18 W763
Some agricultural-technologic recommendations for production of grain & maize pellets. (Ger) Steikhardt, H *Feldwirtschaft* 14 (3): 102-104. Mar 1973

064058 41.8 F712
Changes in level of ascorbic & carotene in maize silage. I. Ascorbic acid. (Slo) Kovalcik, T *Folia Vet* 16 (3/4): 13-19. Ref. Eng. Sum. 1972

064059 41.8 F712
Changes in the level of ascorbic acid and carotene in maize silage. II. Carotene. (Slo) Zubricky, J *Folia Vet* 16 (3/4): 21-23. Eng. Sum. 1972

064060 44.8 H65
It'll pay to shoot for high protein in your alfalfa crop. Hemken, R W *Hoards Dairyman* 118 (8): 552, 573. Apr 25, 1973

064061 44.8 H65
What is best length of cut for silage-making? Crowley, J W *Hoards Dairyman* 118 (8): 570-571. Apr 25, 1973

064062 SB112.V6
Haylage & silage preparation from sundried grasses. (Rus) Zafren, S I a *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 297-300. 1972

064063 SB112.V6
Organizing production of grass meal in volga region. (Rus) Takanov, P S *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 300-304. 1972

064064 10 J822
Formic acid as a silage additive for wet crops of cocksfoot & lucerne. [Dactylis, alfalfa]. Wilson, R F *J Agr Sci (London)* 80 (2): 225-231. Ref. Apr 1973

064065 10 J822
Formic acid as a desiccant for grass leaves. [Lolium perenne, hay]. Thaine, R *J Agr Sci (London)* 80 (2): 349-351. Apr 1973

064066 60.18 J82
Production & nutrient status of whitetop. [Scolochloa festucacea]. Smith, A L *J Range Manage* 26 (2): 117-120. Ref. Mar 1973

064067 382 SO12
Determination of lignin & cellulose in forages by extraction with triethylene glycol. Edwards, C S *J Sci Food Agr* 24 (4): 381-388. Ref. Apr 1973

064068 382 SO12
Trace metal contents of fish meal & of lipid phase extracted from fish meal. Lunde, G *J Sci Food Agr* 24 (4): 413-419. Ref. Apr 1973

064069 382 SO12
Symposium on Processing Raw Materials to Improve their Nutritive Value as Animal Feeds. Burt, A W A *J Sci Food Agr* 24 (4): 493-497. Apr 1973

064070 385 K524
Chemical composition & nutritive value of yeasts. [Feed]. (Rus) Skorkin, G K *Khim Sel'skom Khoz* 11 (2): 59-61. Ref. 1973

064071 389.78 K85
Mycotoxins in feed. (Ger) Moller, J M *Kraftfutter* 55 (12): 671-672, 674, 676, 678-679. Eng. Sum. Dec 1972

064072 389.78 K85
Simultaneous development of animal production & mixed feed industry. (Ger) Koch, V *Kraftfutter* 55 (8): 401-402. Aug 1972

064073 389.78 K85
Objectives & application of error in statistical analysis. [Feed inspection]. (Ger) Seibold, R *Kraftfutter* 55 (8): 418, 420. Eng. Sum. Aug 1972

064074 389.78 K85
New methods of analysis of feed products. (Ger) Bassler, R *Kraftfutter* 55 (8): 426-430. Aug 1972

064075 389.78 K85
Increased production of mixed horse feed. (Ger) Gramatzki, F *Kraftfutter* 55 (9): 460, 462. Sept 1972

064076 389.78 K85
Sorbic acid as conservation agent of mixed fodder. (Ger) Luck, E *Kraftfutter* 55 (9): 468-470, 472. (Continued) Sept 1972

064077 58.8 L239
Elimination of haystack losses. (Ger) Rehrl, K *Landmasch -Markt* 51 (7): 8-9. Apr 27, 1972

064078 18 L2333A
Sieve analysis of mixed feedstuffs. (Ger) Giessler, H *Landwirt Forsch Sonderheft* 27 (2): 48-54. Eng. Sum. 1972

064079 49 L758
Alternate routes to take during protein shortage. [Feed]. Ensminger, M E *Livestock Breeder J* 16 (4): 22-22A, 26-26A. Apr 1973

064080 58.8 M467
Cubing of feedstuffs one of possible approaches. [Equipment, cattle]. (Cze) Megela, J *Mech Zemedel* 22 (12): 440-442. Eng. Sum. 1972

064081 389.8 N142
Studies on rapid determination of raw fat in mixed fodder & mixed fodder components. (Ger) Franzke, C *Nahrung* 17 (1): 41-57. Ref. Eng. Sum. 1973

064082 20.5 N86
Problems of forage harvesting & preservation on peasant farms; based on data from Warsaw province. (Pol) Moraczewski, R *Nowe Roln* 22 (3): 7-9. Feb 1/15 1973

064083 20.5 N86
A new method of maize utilization (drying whole plants). (Pol) Chomyszyn, M *Nowe Roln* 22 (5): 20-23. Mar 1/15, 1973

064084 20.5 N86
Milk replacers. [Feed, calves]. (Pol) Czaplak, T *Nowe Roln* 23 (6): 25-27. March 16/31, 1973

064085 298.9 P21
Control of quality of granules in animal feed. (Fre) David, L *Paris Ecole Franc Meun Bull Anciens Eleves* 253: 26-32. Jan/Feb 1973

064086 298.9 P21
Seven capital sins of livestock feed factory. (Fre) Berthet, J *Paris Ecole Franc Meun Bull Anciens Eleves* 253: 33-38. Jan/Feb 1973

064087 47.9 P87
A preliminary plan for meeting needs for concentrated broiler feeds till year 1985 in relation to current trends in feeding & to Polish feed base. (Pol) Kolodziej, L *Postepy Drobiarstwa* 14 (2): 91-101. Ref. June 1972

064088 281.9 B87
New technology for rapeseed cakes. [Feed]. (Fre) Leuillet, M *Prod Agr Fr* 47 (121): 23. Dec 1972

064089 49 P952
More attention to sugar beet pulp. [Feed]. (Pol) Kopczynski, F *Przegl Hodowlany* 41 (20): 17-18. Oct 16/31, 1972

064090 307.8 R32
Concentration of unsaponifiable matter in oils. (Fre) Kallel, H *Rev Franc Corps Gras* 20 (3): 147-151. Eng. Sum. Mar 1973

064091 49 P943
Forage plant sources used in preparation of feeds. (Rum) Ilca, I *Rev Zootech Med Vet* 23 (1): 23-27. Jan 1973

064092 S13.S55
Iodine, copper & cobalt deficiencies in feeds & food products of Altai Mountain region. (Rus) IAnchilin, L V *Sib Vestn S-kh Nauk* 6: 70-76. Nov/Dec 1972

064093 65.9 F76R
Some factors affecting protein content in fodder yeast. (Chi) Lin, S F *Taiwan Sugar Exp Sta Rep* 57: 109-120. Ref. Eng. Sum. Sept 1972

064094 49 T445
Ways to dry green forage. (Ger) Claus, H G *Tierzuchter* 24 (24): 716-717. Dec 20, 1972

064095 18 UB3
Mixed feed produced on farm with stationary milling & mixing equipment. (Ger) Acker, W *Ubersicht* 24 (3): 188-195. Mar 10, 1973

064096 20 AK16
Macrominerals in raw grain used in mixed feed industry by zones in Kazakhstan. (Rus) Kulgarina, N Z *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 75-78. Jan 1973

064097 41.8 V6463
Animal husbandry & problems of forage production & industry in Bulgaria. (Bul) Nestorov, N *Vet Sbirka* 69 (8): 1-3. 1972

064098 41.8 V6426
On evaluating & raising quality of hay & acid feeds. (Rus) Spesivtseva, N A *Veterinariia* 2: 34-37. Feb 1973

064099 41.8 V6426
Complexonometric determination of calcium in feeds & blood serum. (Rus) Fomin, N D *Veterinariia* 3: 109-111. Feb 1973

064100 SF604.V75
Toxic fungi infecting feedstuffs. [Fusarium]. (Rus) Paliushik, M *Vses Akad S-kh Nauk Biull* 12: 72-74. 1972

064101 20 AK1
Some factors affecting silage-making capacity of plants with differing moisture content. (Rus) Meshcheriakova, I P *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 2: 6-8. Feb 1973

064102 384 Z39
Mycotoxins in feedstuffs. (Ger) Moller, J M *Z Lebensmittel-untersuchung -Forsch* 151 (4): 231-236. Ref. Eng. Sum. Apr 26, 1973

064103 384 Z39
Effect of aflatoxin in animals & in man. [Feed, food, contamination]. (Ger) Bosenberg, H *Z Lebensmittel-untersuchung -Forsch* 151 (4): 245-249. Ref. Eng. Sum. Apr 26, 1973

064104 384 Z39
Conditions for production of some carcinogenic mytoxins. [Food, feed]. (Ger) Orth, R *Z Lebensmittel-untersuchung -Forsch* 151 (4): 267-273. Ref. Eng. Sum. Apr 26, 1973

064105 49 Z62
Triatment of corn grain with propionic acid. (Bul) Kirov, N *Zhivotnovudstvo* 26 (7): 33-36. July 1972

064106 49 Z62
Mechanized harvest & storage of hay. (Bul) Khristov, M *Zhivotnovudstvo* 26 (7): 36-40. July 1972

064107 49 Z62
New investigations in harvesting & keeping alfalfa for hay & hay meal. (Bul) Mitev, M *Zhivotnovudstvo* 26 (8): 10-12. July 1972

064108 49 Z62
Comparative testing of forage mills for roughages. (Bul) Petrov, G *Zhivotnovudstvo* 26 (8): 31-35. July 1972

064109 49 Z62
The effect of storage on the quality of proteins in feeds of animal origin. [Fish meal, skim milk]. (Bul) Ikonomova, A *Zhivotnovudstvo* 26 (8): 8-9. July 1972

ANIMAL HUSBANDRY

064110 256.13 AG82M
Successful sucklers without housing. Currie, E A *Agric North Irel* 47 (11): 381-383. Mar 1973

064111 256.13 AG82M
Suckled calf production. 3. Irwin, J H D *Agric North Irel* 47 (8): 256-259. Dec 1972

064112 296.8 AR1
Animal husbandry in recreational areas. (Ger) Schafer, K *Bauen Lande* 23 (10): 298, 300. Oct 1972

064113 296.8 AR1
Swine production & problems of emission. (Ger) Blendl, H M *Bauen Lande* 23 (10): 316-318. Oct 1972

064114 41.8 B45
Influence of Samorin injections on weight growth & milk supply on west African Zebu-Azaouak cattle. (Ger) Lindau, M *Berliner Munchener Tierarztl Wochenschr* 86 (7): 129-130. Ref. Eng. Sum. Apr 1, 1973

064115 281.8 B462
Latest development of beef cattle & swine husbandry in Netherlands & Belgium. (Ger) Jebautzke, W *Betriebswirtsch Mitt Wirtschaftsberater* 215: 49-56. Feb 1973

064116 7 B77P
Turkey tips. Supeene, N J *Brit Columbia Dep Agr (publ)* 7, 11 P 1973

064117 60.19 B773
A technique for study of 'fouling' by grazing cattle. Smith, A *Brit Grassland Soc J* 28 (1): 21-25. Ref. Mar 1973

064118 60.19 B773
Summaries of papers read at winter meeting of British Grassland Society in London, 8 December 1972; theme: intensification of lowland sheep production. Read, J L *Brit Grassland Soc J* 28 (1): 51-54. Mar 1973

064119 7 C16PU
Artificial rearing of young lambs. [Milk replacers]. Gorrill, A D L *Can Dep Agr Publ* 1507, 22 P. Ref. 1973

064120 41.8 C163
A comparison of two ultransonic techniques for measurement of fat thickness & rib eye area in cattle. Gillis, W A *Can J Anim Sci* 53 (1): 13-19. Ref. Mar 1973

064121 41.8 C163
Effects of four lighting regimes on performance of broilers & roasters. Buckland, R B *Can J Anim Sci* 53 (1): 21-24. Mar 1973

064122 87 M42
Differences between actually measure milk yield & yield estimated by simple testing methods in Holstein cows. (Jap) Ishibashi, I *Chiba Univ Fac Hort Tech Bull* 20: 99-113. Ref. Eng. Sum. Dec 1972

064123 275.29 C593
Using D.H.I.A. [Dairy Herd Improvement Association] records. Gramling, G *Clemson Univ Ext Dairy Sci Ext Leafl* 5, 8 P. Dec 1972

064124 80 C83
Profit in lambs form ewe hoggs. Sexton, H G C *Country Life (london)* 153 (3956): 1107-1108. Apr 19, 1973

064125 S41.E6
Feedlot performance. [Cattle]. *CSU Res (colo State Univ)* 21 (1): 2-3. Oct/Dec 1972

064126 HD1970.A1E2
Evolution in livestock care in mountainous regions. 3. [Cattle. (Ita) Bonadonna, T *Econ Mont* 4 (33): 217-218. Aug 1972

064127 49 B462
Hapshire lambs: 30 kg at 90 days, 35 kg at sale. (Fre) Peyraud, J C *Elevage* 16: 111, 113, 115, 117. Mar 1973

064128 S9.E9
Rational rearing of rabbits; Techniques of rearing. (Ita) Bologna, S *Evoluzione Agric* 18 (207): 35, 37-39. Feb 1973

064129 SF481.F53
Solid manure of liquid manure from laying hens? (Swe) Berglund, S *Fjaderfa* 66 (2): 37-38, 40. Feb 1973

064130 43.8 F66
Prepare calves for market; get added profits. Snyder, F R *Fla Cattleman Livestock J* 37 (8): 44, 46. May 1973

064131 43.8 F66
Functions of Animal Industry Division are complex & varied. [Florida Department of Agriculture]. Campbell, C L *Fla Cattleman Livestock J* 37 (8): 50, 67. May 1973

064132 14 F844B
Glance at cattle production in Great Britain. (Fre) Spindler, F *France Min Agr Bull Tech Inform* 276: 21-38. Map. Jan 1973

064133 14 F844B
Meat rabbit & its production. (Fre) Lebas, F *France Min Agr Bull Tech Inform* 277: 81-102. Feb 1973

064134 24 G252
Increase of sheep rearing & Karakul: Address delivered at Karakul Breeders Day of Angola. (Por) Santos Pereira, M *Gaz Agr Angola* 17 (11): 841, 843, 845, 847, 849, 851, 853, 855-858. Nov 1972

064135 24 G252
University plans 'swine of future'. [Great Britain]. (Por) Platt, B *Gaz Agr Angola* 18 (1): 57, 59. Jan 1973

064136 43.8 G69
7 Point formula for more milk. Bhargava, V N *Gosamvardhana* 20 (4/5): 4-7. July-/Aug 1972

064137 286.81 G764
Creep gates help calves eat better. Dalrymple, R L *Grain Prod News* 24 (5): 16-17. May 1973

064138 17 SCH9
Industrial animal husbandry from ecological point of view. (Ger) Muller, A *Grune* 101 (12): 416-424. Mar 23, 1973

064139 17 SCH9
Keeping mother cows. (Ger) Burger, F A *Grune* 101 (6): 218-220. Feb 9, 1973

064140 11 H152
Survey of half-bred fillies in Halland. (Swe) Blomquist, B *Hallands Lans Hushallningssallsk Tidskr* 15 (6): 21-24. Nov 1972

064141 SF15.S7H4
Density limits in poultry production. (Spa) Monne, F *Hens, Rev Tec Ganad* 13 (144): 8-9. Oct 1972

064142 50.8 H95
Experiences on American animal raising & meat industry. (Hun) Regos, B *Husipar* 21 (2): 49-61. Eng. Sum. Mar/Apr 1972

064143 SF771.N6
Reaction of livestock body & air medium of their quarters on industrialized farm complexes. [Cattle, horses, rabbits]. (Rus) Kudriavtsev, A A *In Novoe v Lechenii i Profilaktike Infektsionnykh Boleznei Zhivotnykh* P. 228-238. 1972

064144 SB112.V6
Intensification of pork production in Volga region. (Rus) Ladan, P E *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 315-321. 1972

064145 SB112.V6
On development of dairy cattle industry. (Rus) Alipov, V V *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 321-326. 1972

064146 SB112.V6
Improving poultry production in Volga region. (Rus) Smetnev, S I *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 339-343. 1972

064147 389.78 IN2
Exploitation of domestic animals, a source of proteins for man: What progress can one expect from it? how can one develop animal husbandry? (Fre) Fevrier, R *Indus Aliment Anim* 2: 31-32, 35, 37, 39, 41, 43-46. Ref. 1973

064148 286.85 IN83
Milk production: From udder to processing plant. II. dairy barn. (Spa) Goded y Mur, A *Indus Lacteas* 22 (1): 12, 14, 24. Jan/Feb 1973

064149 20 M57AG
Through cooperative gradual production in cattle husbandry to specialization & to industrial production methods. (Ger) Giessler, A *Int Z Landwirt* 1: 36-39. 1973

064150 20 M57AG
Development of industrial poultry production in Bulgaria. (Ger) Wantschev, T *Int Z Landwirt* 1: 74-78. 1973

064151 20 M57AG
Results of cooperation & mutual aid in livestock husbandry. (Ger) Naidenow, S *Int Z Landwirt* 5: 554-557. 1972

064152 20 M57AG
Results of beef cattle production on special farms. (Ger) Lewantin, *Int Z Landwirt* 5: 558-562. 1972

064153 20 M57AG
Rearing & fattening young cattle on industrial level. (Ger) Gontscharow, E *Int Z Landwirt* 5: 566-573. 1972

064154 20 M57AG
Organization of fattening cattle in stables with fully slate floors. (Ger) Dolezal, O *Int Z Landwirt* 5: 573-579. 1972

064155 22 IN8
Managing cross-bred animals. [Dairy cattle]. Menon, M N *Intensive Agr* 10 (7): 27-28. Sept 1972

064156 16 IT1
Thoughts expressed on animal husbandry in Europe. (Ita) Pilla, A M *Ital Agr* 109 (11): 1150-1156. Nov 1972

064157 16 IT1
Rearing of beef cattle in an enclosed environment. [Housing]. (Ita) Pisanu, M *Ital Agr* 109 (11): 1160-1171. Nov 1972

064158 41.9 J275
Urethrastomy in a bitch. [Dogs]. (Jap) Koike, T *Jap Vet Med Ass J* 25 (5): 222-225. Eng. Sum. May 1972

064159 389.78 K85
Cattle husbandry & landscape tending should not be separated: situation report from Baden-Wurttemberg. (Ger) Ulricht, A *Kraftfutter* 55 (12): 682-684. Dec 1972

064160 389.78 K85
Future of horse raising. (Ger) Reuter, H *Kraftfutter* 55 (6): 311-312. June 1972

064161 389.78 K85
Simultaneous development of animal production & mixed feed industry. (Ger) Koch, V *Kraftfutter* 55 (8): 401-402. Aug 1972

064162 389.78 K85
Optimal livestock husbandry by designed environment. (Ger) Koller, G *Kraftfutter* 55 (9): 458, 460. Sept 1972

064163 41.8 M463
Need & possibilities of application of germ-free method of pig rearing in Poland. (Pol) Przyjalkowski, Z *Med Wet* 29 (2): 65-68. Ref. Feb 1973

064164 20 M57
Development of slaughter cattle production on cooperative farms of German Democratic Republic. (Rus) Zommer, I *Mezhdunar Sel'skokhoz Zh* 2: 73-77. 1973

064165 20 M57
Industrialized rabbit raising. [Hungary]. (Rus) Kholdash, Sh *Mezhdunar Sel'skokhoz Zh* 2: 95-97. 1973

064166 18 N39
Animal production at 53rd DLG exhibition. (Ger) Pieritz, K D *Mitt Deut Landwirt-ges* 88 (16): 454-458. Apr 19, 1973

064167 20.5 N86
Improvement in milk quality on state & co-operative farms. (Pol) Filar, J *Nowe Roln* 22 (4): 27-28. Feb 16/28, 1973

064168 20.5 N86
Development of slaughter cattle breeding in farming cooperatives of Lodz Province. (Pol) Madej, M *Nowe Roln* 22 (5): 13-14. Mar 1/15, 1973

064169 20.5 N86
Problem of development of livestock production in Lodz Province. (Pol) Zieba, S *Nowe Roln* 22 (5): 8-11. Mar 1/15, 1973

064170 20.5 N86
Problems of development of pig population in lublin province in 1971 – 1975. (Pol) Sobczak, Z *Nowe Roln* 23 (6): 21-23. March 16/31, 1973

064171 20.5 N86
State & possibilities of sheep husbandry in Podhale. (Pol) Ciurus, J *Nowe Roln* 23 (6): 23-25. March 16/O1, 1973

064172 HD9016.T3N8
Increasing swine production by utilizing outer islands. [Taiwan]. (Chi) Cheng, H P *Nung Chan Sai Hsiao Shih Ch'ang (foreign Mark Inf Agric Pro D, Taiwan, The Repub China)* 197: 7-8. Sept 1972

064173 TX341.N825
Houghton Poultry Research Station. Gordon, R F *Nutr Food Sci* 31: 15-18. Apr 1973

064174 513 OB3
Statistical analyses on quantitative traits in dairy cattle. V. Prize winning trend in females of 1971's All Hokkaido Holstein Fair. (Jap) Mitsumoto, T *Obihiro Zootech Univ Res Bull* (Ser. 1) 7 (4): 589-593. Eng. Sum. Jan 1973

064175 513 OB3
Statistical analyses on quantitative traits in dairy cattle. VI. On estimation of growth curves of Holstein bulls. (Jap) Mitsumoto, T *Obihiro Zootech Univ Res Bull* (Ser. 1) 7 (4): 594-605. Ref. Eng. Sum. Jan 1973

064176 513 OB3
Statistical analyses on quantitative traits in dairy cattle. VII. Body band size udder measurements in Holstein of three types. (Jap) Mitsumoto, T *Obihiro Zootech Univ Res Bull* (Ser. 1) 7 (4): 606-610. Ref. Eng. Sum. Jan 1973

064177 47.9 P87
Selected problems of regional distribution of poultry production in Poland. (Pol) Ohde, T *Postepy Drobiarstwa* 14 (3): 115-134. 1972

064178 20.5 P84
Theoretical aspects of computing indexes for estimation of milking efficiency of cows. (Pol) Dobicki, A *Postepy Nauk Roln* 19 (5): 123-128. Ref. Sept/Oct 1972

064179 41.8 P882
Further Etruscan findings. [Animals]. (Ger) Hausmann, W *Prakt Tierarzt* 54 (2): 55-56. Feb 1, 1973

064180 281.9 B87
Nursing Friesian cow: A new production of young cattle to fatten. (Fre) Grenet, N *Prod Agr Fr* 49 (125): 33, 35. (Continued) Mar 1973

064181 281.9 B87
Cattle at 1973 International Exhibit of Agriculture: Show or presentation? (Fre) Duplan, J M *Prod Agr Fr* 49 (126): 30-31. Mar 1973

064182 281.9 B87
Nursing Friesian cow. [Calves, fattening]. (Fre) Grenet, N *Prod Agr Fr* 49 (126): 38. (Concluded) Mar 1973

064183 49 P952
Production of specific pathogen free pigs. (Pol) Chrzanowski, A *Przegl Hodowlany* 40 (12): 17-19. June 16/30, 1972

064184 49 P952
Current cattle & sheep husbandry in Swiss Alps. (Pol) Kostuch, R *Przegl Hodowlany* 40 (13/14): 31-34. July 1/31, 1972

064185 49 P952
Results of milk productivity testing of cows in 1970. (Pol) Siekierzycki, W *Przegl Hodowlany* 40 (13/14): 9-25. July 1/31, 1972

064186 49 P952
Methods of milking capability evaluation of cows. (Pol) Dobicki, A *Przegl Hodowlany* 41 (15/16): 13-16. Aug 1/31, 1972

064187 49 P952
Some problems of professional training of communal animal husbandry technicians. (Pol) Zieba, J *Przegl Hodowlany* 41 (15/16): 3-4. Aug 1/31 1972

064188 49 P952
Remarks on cattle evaluation. (Pol) Has, Z *Przegl Hodowlany* 41 (15/16): 5-6. Aug 1/31, 1972

064189 49 P952
Rearing of young dairy cattle for herd improvement. (Pol) Bujwid, J *Przegl Hodowlany* 41 (17): 10-11. Sep 1/15, 1972

064190 49 P952
Golden jubilee of Polish Society of Animal Husbandry. (Pol) *Przegl Hodowlany* 41 (17): 20-22. Sept 1/15, 1972

064191 49 P952
Proper handling & specialized farms as factors in improvement of hygienic quality of milk. (Pol) Baranowski, J *Przegl Hodowlany* 41 (18): 16-17. Sept 16/30, 1972

064192 23 Q33
Back tags to identify cattle & properties. Anderson, B *Queensland Agr J* 99 (1): 3-5. Jan 1973

064193 23 Q33
Milking a cow demands skill. Slatter, F J *Queensland Agr J* 99 (1): 41-44. Jan 1973

064194 SF191.R3
Here's suggestion on improving weaning weight. [Cattle]. Schoonover, C O *Range Ctry USA* P. 22, 24-25. Sept 1972

064195 50.9 R24
Iowa State University Animal Sciences Program. Hazel, L N *Reciprocal Meat Conf Proc* 25Th: 6-8. 1972

064196 335.8 R32
From Christmas turkey to everyday turkey. [Electric equipment]. (Fre) Jannaud, C *Rev Appl Elec* 46 (239): 92-95. Fourth Quarter 1972

064197 43.8 R32
On choice of shepherd dogs. (Por) Carbalho Mendes, A *Rev Criadores* 42 (516): 109. Dec 1972

064198 43.8 R32
Leather cycle still continues in back country. [Cattle husbandry, Brazil]. (Por) Souza Queiroz, L R de *Rev Criadores* 42 (516): 63-66. Dec 1972

064199 41.8 R3262
A study of age & sex composition of cattle herds in Upper Volta & Ivory Coast. (Fre) Gidel, R *Rev Elevage Med Vet Pays Trop* 25 (4): 543-550. Eng. Sum. 1972

064200 49 P943
Results obtained in increasing milk production on farm cooperative of Smeeni, Buzau District. [Dairy cattle]. (Rum) Tatu, T *Rev Zootech Med Vet* 23 (1): 28-31. Jan 1973

064201 49 P943
Controlling microclimate in poultry houses. (Rum) Popescu, D *Rev Zootech Med Vet* 23 (1): 32-38. Ref. Jan 1973

064202 SF1.R54
Open space for buffalo! [Rearing]. (Ita) Penati, L *Rilancio Agric Vet Zootec* 4 (11/12): 6-8. 1972

064203 100 SO82S
Improving a $23 million industry: sheep research at South Dakota State University. Slyter, A L *S Dak Farm Home Res* 24 (1): 5-8. Spring 1973

064204 QH3.S37
Guinea fowl & humans. (Fre) Lamblard, J M *Sci Nat* 116: 2-12. Ref. Mar/Apr 1973

064205 45.8 SH3
Some myths or fallacies concerning coyote as a predator on livestock industry. Shelton, M *Sheep Goat Raiser* 53 (8): 20-22. May 1973

064206 43.8 ST6
On inefficient utilization of cattle resources for producing beef. (Cro) Rako, A *Stocarstvo* 25 (11/12): 355-359. Nov/-Dec 1971

064207 41.8 F49
Changing fashions in beef cattle. Sykes, F *Suomen Elainlaakarilehti* 153 (3955): 1021-1022. Apr 1973

064208 44.8 OF2
Zoo-economy attempts throughout ages. (Fre) Theret, M *Tech Lait* 28 (771, Special No.): 13, |5, 17. Mar 3, 1973

064209 44.8 OF2
Some elements on management, production & organization of a slaughter bull feedlots. (Fre) Penformis, B *Tech Lait* 28 (771, Special No.): 45, 47. Mar 3, 1973

064210 100 T31P
Beef cattle research in Texas, 1972 agricultural experiment station. *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3111/3131, 74 P. Ref. Nov 1972

064211 100 T31P
Estimating carcass loin-eye area & fat thickness from ultrasonic measures on live bulls. Farris, J W *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3111/3131: 59-63. Nov 1972

064212 41.8 T445
Agriculture & veterinary medicine in New Zealand. 1. Animal production. (Ger) Elliott, R E W *Tierarztl Umsch* 28 (3): 138-142. Mar 1, 1973

064213 41.8 T445
Agriculture & veterinary medicine in New Zealand. I. Animal production. (Ger) Elliott, R E W *Tierarztl Umsch* 28 (4): 192-194, 196, Map. Ref. Apr 1, 1973

064214 49 T443
Results & problems related to industrial pork production in nationally-owned combined breeding & fattening farm 'VEB KIM SZMK Eberswalde'. (Ger) Graupner, H *Tierzucht* 26 (11): 418-419. Nov 1972

064215 49 T443
Necessity, preconditions and measures for introducing age-specific performance testing of pigs. (Ger) Pfeiffer, H *Tierzucht* 26 (11): 428-430. Nov 1972

064216 49 T443
Planned reproduction & sanitation of cattle stocks through development of industry-like youngstock rearing in Rostock Cdounty. [East Germany]. (Ger) Heinke, I *Tierzucht* 26 (12): 448-449. Dec 1972

064217 49 T443
Assessing milkability according to new standard TGL 80 – 20834, part 5. [Cattle]. (Ger) Fiedler, H *Tierzucht* 26 (12): 463-464. Dec 1972

064218 49 T443
Assessing udder shape according to new standard TGL 80 – 20834, part 3. [Cattle]. (Ger) Fiedler, H *Tierzucht* 26 (12): 464-465. Dec 1972

064219 49 T443
21St central sales event performance-tested Merino mutton sheep rams from German Democratic Republic breeding centres. (Ger) Konig, K H *Tierzucht* 26 (12): 476-477. Dec 1972

064220 49 T443
Technological aspects of a uniform analysis & assessment of procedures in milk & cattle production. (Ger) Kilian, J *Tierzucht* 27 (3): 133-135. Mar 1973

064221 49 T443
Results from industrial type of milk production in formation of gradual production. (Ger) Ilgner, J *Tierzucht* 27 (3): 138-141. Mar 1973

064222 49 T445
Determining efficiency in practical sheep husbandry – first time sheep rearing under scrutiny. (Ger) Burckhardt, I *Tierzuchter* 25 (1): 18-20. Jan 1973

064223 49 T445
Control of economical aspects of sheep farms – production technical consequences. (Ger) Schlolaut, W *Tierzuchter* 25 (1): 21-24. Jan 1973

064224 49 T445
On behavior conditional feeding & lying place requirements of young fattening bulls in open stall housing. (Ger) Andreae, U *Tierzuchter* 25 (2): 64-66. Feb 5, 1973

064225 49 T445
Growing stock size in swine production: Additional problems. (Ger) Finke, K J *Tierzuchter* 25 (2): 67-68. Feb 5, 1973

064226 1 AG84PRO
Horse safety guidelines. Hubbard, D D *U S D A Pa* 1033, 16 P. Mar 1973

064227 41.8 V641
Intensive animal production. Blaxter, K L *Vet Rec* 92 (15): 383-386. Apr 14, 1973

064228 41.8 V6466
Animal housing & its relation to health, welfare & behaviour. Sainsbury, D W B *Vet Rev* 23 (2): 27-32. Oct 1972

064229 41.8 V6463
Animal husbandry & problems of forage production & industry in Bulgaria. (Bul) Nestorov, N *Vet Sbirka* 69 (8): 1-3. 1972

064230 41.8 V6463
A test for evaluation of microclimate on premises for poultry. (Bul) Markaran, M *Vet Sbirka* 69 (8): 42-43. 1972

064231 41.8 V6426
Maintenance of Karajul sheep under desert conditions. (Rus) Kelov, D N *Veterinariia* 2: 29-32. Feb 1973

064232 41.8 V6426
Evaluating microclimate in battery raising of chicks. (Rus) Shcherbinin, N I *Veterinariia* 3: 36-39. Feb 1973

064233 20 AK1
Energy rating of milk productivity of cows. (Rus) Semeniutin, V P *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 2: 22-23. Feb 1973

064234 275.29 W27MI
If you want a commercial laying flock. Andrews, D Cooperative Extension Service *Wash State Univ Ext Em* 2426 (Rev.), 2 P. Mar 1973

064235 47.8 W89
Isolation systems for poultry research. Timms, J R *Worlds Poultry Sci J* 29 (2): 120-131. Ref. Apr/June 1973

064236 47.8 W89
Student assessment with reference to examinations in poultry husbandry in British agricultural colleges. Auckland, J N *Worlds Poultry Sci J* 29 (2): 141-148. Apr/June 1973

064237 58.9 C333
Analysis of losses caused by lack of reliability in farm machines & equipments for mechanized processes in animal production. (Cze) Kavka, M *Zemed Tech* 18 (12): 755-760. Eng. Sum. Dec 1972

064238 49 Z65
Raising sheep in quarters with slotted flooring.i. Fattening lambs & yearlings on a slotted floor. (Bul) Dimitrov, D P *Zhivotnovudni Nauk* 10 (1): 25-31. 1973

064239 49 Z62
Industrial animal husbandry & some achievements of physiology & biochemistry. (Bul) Ivanov, N *Zhivotnovudstvo* 26 (7): 20-23 July 1972

064240 49 Z62
Topic problems of technology of industrial cattle raising in Soviet Union. (Bul) Ernst, L K *Zhivotnovudstvo* 26 (8): 16-20. July 1972

064241 49 Z62
Overcoming of seasonality in production of eggs & poultry meat. (Bul) *Zhivotnovudstvo* 26 (8): 36-40. July 1972

064242 49.9 C33
A simplified method of milkability tests. [Cattle]. (Cze) Suchanek, B *Zivocisna Vyroba* 17 (12): 865-872. Eng. Sum. Dec 1972

LIVESTOCK BIOLOGY

064243 512 W262
Isolation & partial purification of protease from calf thymus chromatin. Kurecki, T *Acad Polon Sci Bull Ser Sci Biol* 20 (8)D 543-546. 1972

064244 512 W262
Effect of moderate effort on levels of lactic & pyruvic acids, of glucose & on alkaline reserve in Thoroughbred horse blood in winter. Skwarlo, K *Acad Polon Sci Bull Ser Sci Biol* 21 (1): 77-81. Ref. 1973

064245 505 P21 (3)
On existence of a coastal interstitial fauna in Kerguelen Archipelago (Austral Lands & French Antarctic). [Nematodes, mites]. (Fre) Bovee, F de *Acad Sci (paris) C R Ser D* 276 (6): 1041-1044. Ref. Feb 5, 1973

064246 11 AC82
A cage designed for metabolismand nitrogen balance trials with milk. Jorgensen, G *Acta Agr Scand* 23 (1): 3-4. 1973

064247 11 AC82
Determination of metabolic faecal nitrogen & endogenous urinary nitrogen on mink. Hansen, N G *Acta Agr Scand* 23 (1): 34-38. Ref. 1973

064248 QP1.A25
Effect of lesions of dorsal part of hippocampus on conditioned alimentary reaction in cats under food-satiation & food-deprivation conditions. Gralewicz, S *Acta Physiol Pol (engl Lang Ed)* 22 (5): 635-645. Ref. 1971 (Transl. 1972)

064249 QP1.A25
Central feedback mechanisms in neuroregulation of function of endocrine glands. [Laboratory animals, sheep]. Domanski, E *Acta Physiol Pol (engl Lang Ed)* 22 (5): 819-836. Ref. 1971 (Transl. 1972)

064250 QP1.A25
Oxytocin & its action on myometrium & mammary gland. [Livestock]. Ewy, Z *Acta Physiol Pol (engl Lang Ed)* 22 (5, Suppl. 3): 787-798. Ref. 1971 (Transl. 1972)

064251 444.8 AC8
'cholinergic link' in influence of exogenous catecholamines on ATP & phosphocreatine in heart. [Rats]. Garbulinski, T *Acta Physiol Polon* 24 (1): 243-251. 1973

064252 444.8 AC8
Electroencephalographic analysis of central action of dihydroxyphenylserine (DOPS). [Cats, chickens]. Kubikowski, P *Acta Physiol Polon* 24 (1): 41-49. Ref. 1973

064253 QP1.A2
On regional metabolism of beef heart ventricles. Tota, B *Acta Physiol Scand* 87 (3): 289-295. Ref. Mar 1973

064254 QP1.A2
Intramural blood flow & blood volume in small intestine of cat as analyzed by an indicator-dilution technique. Biber, B *Acta Physiol Scand* 87 (3): 391-403. Ref. Mar 1973

064255 SF604.B7
Ultrastructure of specific granules of intestinal globule leucocytes of chicken. Holman, J *Acta Vet (brno)* 41 (3): 235-239. Ref. 1972

064256 41.8 V6447
Effect of tetracycline-HCL [hydrogen chloride] & reverin on diuresis & renal excretion of sodium, potassium & chlorides in rat. Tesic, D *Acta Vet (Beograd)* 22 (3): 117-124. Ref. 1972

064257 SF1.A2
Evaluation of meat productivity in cattle by stational method. (Slo) Botto, V *Acta Zootech* 23: 105-116. Eng. Sum. 1972

064258 SF1.A2
Study of etiology of young cattle in alpine pasture lands. (Slo) Kotvas, R *Acta Zootech* 23: 141-156. Eng. Sum. 1972

064259 SF1.A2
Topographical differences in wool productivity of Merino breed. (Slo) Gajdosik, M *Acta Zootech* 23: 181-187. Eng. Sum. 1972

064260 SF1.A2
A contribution to study of body forms & live weights in auction rams of Stavropol'ske Merino breed in Slovakia. (Slo) Gajdosik, M *Acta Zootech* 23: 189-197. Eng. Sum. 1972

064261 SF1.A2
Histological characteristic of thyroid glands in pigs of bothe sexes, with regard to their meat productivity. Sidor, V *Acta Zootech* 23: 41-59. 1972

064262 SF1.A2
Research of meat productivity in pigs with special reference to quality of meat. (Rus) Sidor, V *Acta Zootech* 23: 5-39. Ref. Eng. Sum. 1972

064263 SF1.A2
Caryometric analysis of thyroid glands in pigs of both sexes, in relation to meat productivity. Sidor, V *Acta Zootech* 23: 61-74. 1972

064264 SF1.A2
Fattening, slaughtering & some interior properties of pigs of White Improved breed, differentiated at weight of 90 kg, according to meatiness of slaughtering halves. (Slo) Sidor, V *Acta Zootech* 23: 75-89. Ref. Eng. Sum. 1972

064265 SF1.A2
Study of relations between body dimensions of slaughter pigs, before killing, & indexes of fattening & slaughtering values. (Slo) Sidor, V *Acta Zootech* 23: 90-98. Eng. Sum. 1972

064266 SF1.A2
A contribution to study of slaughter values in pigs according to bacon thickness in leg. (Slo) Sidor, V *Acta Zootech* 23: 99-104. Eng. Sum. 1972

064267 442.9 AK18
Comparative ultracentrifugal studies of ocine gamma G globulins isolated from lymph & blood. (Rus) Pihelgas, V *Akad Nauk Est Ssr Izv Ser Biol* 21 74): 300-306. Ref. Eng. Sum. 1972

064268 442.8 AL6
Role of autonomic nervous system in transferring hypocampal effects to lymphatic system. [Dogs]. (Rus) Chintaeva, F Kh *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 2: 63-68. Mar/Apr 1973

064269 442.8 AL6
Electrical excitation of nuclei of vagus nerve in medulla oblongata. [Dogs]. (Rus) Rakhymberdiev, T A *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 2: 68-70. Ref. Mar-/Apr 1973

064270 442.8 AL6
Some data on histoarchitectonics of spinal cord of domesticated & wild sheep & goats. (Rus) Sadykov, Zh *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 2: 71-73. Mar/Apr 1973

064271 442.8 AL6
Methods of stimulating collateral circulation of blood. [Dogs]. (Rus) Khatypov, G F *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 2: 77-80. Ref. Mar/Apr 1973

064272 511 AK192D
Influence of testosterone & estradiole upon carbohydrate metabolism in animal organisms. [Ducks]. (Rus) Petrikas, J *Akad Nauk Litov Ssr Darbai Tr Ser C* 3 (59): 95-101. Ref. Eng. Sum. 1972

064273 49 AL57
Adaptation, stress & production. (Hun) Szep, I *Allattenyesztes* 22 (1): 29-36. 1973

064274 49 AL57
Behavior of artificially fed lambs. (Hun) Gaal, M *Allattenyesztes* 22 (1): 45-52. Eng. Sum. 1973

064275 447.8 AM32
Effect of enzymes on extracellular connective tissue components in developing chick aorta. Newman, T L *Amer J Anat* 136 (4): 407-426. Ref. Apr 1973

064276 41.8 AM3A
Respiratory fluctuations in durations of phases of ventricular systole in dog. Muir, W W *Amer J Vet Res* 34 (5): 647-652. Ref. May 1973

064277 41.8 AM3A
Canine hemolytic complement: optimal conditions for its titration. [Dogs]. Barta, O *Amer J Vet Res* 34 (5): 653-657. Ref. May 1973

064278 41.8 AM3A
Ganglia in middle ear of dog. Blauch, B *Amer J Vet Res* 34 (5): 685-688. May 1973

064279 41.8 AM3A
Electrophoresis of serum proteins on cellulose acetate: comparison of bottle-raised versus ewe-raised lambs from birth to 19 weeks of age. Knight, R A *Amer J Vet Res* 34 (5): 701-703. Ref. May 1973

064280 384 Z33
Structure & function of ferritin. [Mamals, proteins]. (Ger) Crichton, R R *Angew Chem* 85 (2): 53-84. Ref. Jan 1973

064281 QL750.A55
Ecological & behavioural comparisons of three genera of Argentine cavies. Rood, J P *Anim Behav Monogr* 5 (1): 1-83. Ref. 1972

064282 QL750.A55
Behaviour & social organization of New Forest Ponies. Tyler, S J *Anim Behav Monogr* 5 (2): 85-196. Ref. 1972

064283 410 B77
An increase in activity of domestic fowls produced by nutritional deficiency. Hughes, B O *Anim Behav* 21 (1): 10-17. Ref. Feb 1973

064284 410 B77
Immobility reactions in domestic fowl (Gallus gallus) less than 7 days old: resolution of a paradox. Braud, W G *Anim Behav* 21 (1): 104-108. Ref. Feb 1973

064285 410 B77
Respense-contingent prenatal experience of maternal calls in Peking duck (Anas platyrhynchos). Impekoven, M *Anim Behav* 21 (1): 164-168. Feb 1973

064286 410 B77
Some hormones involved in nesting behaviour of hens. Wood-gush, D G M *Anim Behav* 21 (1): 98-103. Ref. Feb 1973

064287 49 AN55
Energy & protein metabolism of pigs growing at a high ambient temperature. Holmes, C W *Anim Prod* 16 (2): 117-133. Ref. Apr 1973

064288 49 AN55
A possible indicator muscle for fibre content & growth characteristics of porcine muscle. Stickland, N C *Anim Prod* 16 (2): 135-146. Ref. Apr 1973

064289 49 AN55
Induced cryptorchidism in lambs: effects on growth rate, carcass & meat characteristics. Corbett, J L *Anim Prod* 16 (2): 157-163. Ref. Apr 1973

064290 442.8 AN75
Effects of a uterine thread on oviposition & egg composition in hen. (Fre) Sauveur, B *Ann Biol Anim Biochim Biophys* 12 (4): 569-579. Ref. Eng. Sum. 1972

064291 442.8 AN75
Quantitative & qualitative evolution of creatine kinase in rabbit during fetal & neo-natal periods. (Fre) Bacou, F *Ann Biol Anim Biochim Biophys* 12 (4): 581-588. Ref. Eng. Sum. 1972

064292 442.8 AN75
Influence of sulphates on calcium & phosphorus metabolism. I. Utilization of calcium sulphate by sheep. (Fre) Gueguen, L *Ann Biol Anim Biochim Biophys* 12 (4): 589-598. Ref. Eng. Sum. 1972

064293 442.8 AN75
Form of radioactive selenium administered in rumen or abomasum of sheep. (Fre) Hidiroglou, M *Ann Biol Anim Biochim Biophys* 12 (4): 599-616. Ref. Eng. Sum. 1972

064294 442.8 AN75
Effect of caprylic acid on metabolism of other fatty acids, in growing rat. (Fre) Aurousseau, B *Ann Biol Anim Biochim Biophys* 12 (4): 617-630. Ref. Eng. Sum. 1972

064295 442.8 AN75
Connective tissue framework & muscle growth. [Cattle]. (Fre) Schmitt, O *Ann Biol Anim Biochim Biophys* 12 (4): 667-672. Eng. Sum. 1972

064296 QH431.A1A52
Polymorphism of adenosine deaminase (ADA) in bovine species. (Fre) Ansay, M *Ann Genet Sel Anim* 4 (4): 505-514. Ref. Eng. Sum. 1972

064297 QH431.A1A52
Localization of amino-acid substitutions differentiating A & B variants of kappa-casein in cattle. (Fre) Grosclaude, F *Ann Genet Sel Anim* 4 (4): 515-521. Ref. Eng. Sum. 1972

064298 41.8 AN78
Effects of cadmium on hypophyseal-testicular function. [Rats]. (Fre) Munoz, B *Ann Med Vet* 117 (2): 75-91. Ref. Eng. Sum. Mar 1973

064299 448.3 AP5
Microbial phosphilipid synthesis as a marker for microbial protein synthesis in rumen. Bucholtz, H F *Appl Microbiol* 25 (4): 504-513. Ref. Apr 1973

064300 RM1.A73
Disposition kinetics of amphetamine in ruminant animal. Baggot, J D *Arch Int Pharmacodyn Ther* 202 (1): 17-27. Ref. Mar 1973

064301 442.8 AR26
Intracellular polysaccharide of rumen bacterium eadie's oval. [Sheep]. Orpin, C G *Arch Mikrobiol* 90 (3): 247-254. Ref. 1973

064302 448.3 AR22
Acid-induced fusion of mammalian erythrocytes. [Sheep]. Gancevici, G *Arch Roumaines Pathol Exp Microbiol* 31 (3): 449-452. Ref. Sept 1972

064303 389.78 AR22
Use of permanent catheters in growing female pigs for separation of faeces & urine in nitrogen-balance & digestibility trials. (Ger) Hennig, U *Arch Tierernahr* 23 (2): 143-148. Eng. Sum. Mar 1973

064304 41.8 AR25
Calcium tolerance test in rat according to Klotz's method. [Blood plasma]. (Ita) Agnes, F *Arch Vet Ital* 23(5): 357-362. Ref. Eng. Sum. Oct 31, 1972

064305 49 AR22
Influence of age on colour of sheep muscles. (Spa) Contreras Villanueva, J *Arch Zootec* 21 (84): 299-318. Eng. Sum. 1972

064306 49 AR22
Follicular cavities in adenohypophysis of rabbit. (Spa) Jover, A *Arch Zootec* 21 (84): 335-341. Ref. 1972

064307 23 AU792
Trichostrongylosis & wool growth. I. Feed digestibility & mineral absorption in infected sheep. [Trichostrongylus colubriformis]. Barger, I A *Australian J Exp Agr Anim Husb* 13 (60): 42-47. Ref. Feb 1973

064308 23 AU792
Phosphorus nutrition of beef cattle. 2. Relation of pasture phosphorus to phosphorus content of blood, hair & bone grazing steers. Cohen, R D H *Australian J Exp Agr Anim Husb* 13 (60): 5-8. Ref. Feb 1973

064309 442.8 AU7
Studies on a radioimmunoassay for ovine follicle stimulating hormone: inteference by ovine albumin. Salamonsen, L A *Australian J Exp Biol Med Sci* 51 (1): 83-92. Ref. Feb 1973

064310 41.8 B45
Studies in morphological details of haris surface [Livestock]. (Ger) Kupper, W *Berliner Munchener Tierarztl Wochenschr* 86 (7): 125-129. Ref. Eng. Sum. Apr 1, 1973

064311 442.8 B5236
Release of thyroid stimulating hormone from chick anterior pituitary glands by throtropin releasing hormone (TRH)1. Breneman, W R *Biochem Biophys Res Commun* 52 (1): 189-194. May 1, 1973

064312 382 B52
Evidence for amino acid sequence of porcine pancreatic elastase. Shotton, D M *Biochem J* 131 (4): 643-675. Ref. Apr 1973

064313 382 B52
Chemistry of collagen cross-links. Age-related changes in reducible components of intact bovine collagen fibres. Robins, S M *Biochem J* 131 (4): 771-780. Ref. Apr 1973

064314 382 B52
Subunit structure of horse spleen apoferritin: molecular weight of oligomer & its stability to dissociation by dilution. Crichton, R R *Biochem J* 131 (4): 855-857. Ref. Apr 1973

064315 382 B52
Food particles as a site for biohydrogenation of unsaturated fatty acids in rumen. [Sheep]. Harfoot, C G *Biochem J* 132 (4): 829-832. Apr 1973

064316 382 B522
Phospholipase A & its zymog3n from porcine pancreas. Bonsen, P P M *Biochem Soc Symp* 35: 189-200. Ref. 1972

064317 381 B523
Chemistry of adenosine monophosphate site of rabbit muscle glycogen phosphorylase. I. Hydrophobic nature & affinity labeling of allosteric site. Anderson, R A *Biochemistry* 12 (10): 1895-1900. Ref. May 8, 1973

064318 381 B523
Chemistry of adenosine monophosphate site of rabbit muscle glycogen phosphorylase. II. Properties of 8-[m-(m-fluorosulfonylbenzamido) benzylthio]adenine-modified phosphorylase. Anderson, R A *Biochemistry* 12 (10): 1901-1906. Ref. May 8, 1973

064319 381 B522
Circular dichroism of cytochrome oxidase, cytochrome b566, & cytochrome c in beef heart mitochondrial membrane fragments. Storey, B T *Biochim Biophys Acta* 292 (3): 554-565. Apr 5, 1973

064320 381 B522
Permeability of isolated mitochondria to oxaloacetate. [Rat, guinea-pig, rabbit]. Gimpel, J A *Biochim Biophys Acta* 292 (3): 582-591. Ref. Apr 5, 1973

064321 381 B522
Hydrogen peroxide generating system in hog thyroid microsomes. Ohtaki, S *Biochim Biophys Acta* 292 (3): 825-833. Ref. Apr 5, 1973

064322 381 B522
Characterisation of surface of bovine milk fat globule membrane using microelectrophoresis. Newman, R A *Biochim Biophys Acta* 298 (4): 798-809. Ref. Apr 16, 1973

064323 381 B522
Changes in specific sequestration of protein during transport into developing oocyte of chicken. Cutting, J A *Biochim Biophys Acta* 298 (4): 951-955. Ref. Apr 16, 1973

064324 381 B522
Degradation of ribosomal RNA during chicken lens development. Zapisek, W F *Biochim Biophys Acta* 299 (4): 603-611. Ref. Apr 11, 1973

064325 381 B522
On mechanism of superoxide dismutase reaction of bovine enzyme with hydrogen peroxide & ferrocyanide. Rotilio, G *Biochim Biophys Acta* 302 (2): 229-235. Apr 12, 1973

064326 381 B522
Binding site of retinaldehyde in cattle rhodopsin. Grip, W J de *Biochim Biophys Acta* 303 (1): 189-193. Ref. Mar 23, 1973

064327 381 B522
Studies on proteoglycans obtained from bovine knee joint & ear cartilages: sequential extraction, fractionation, characterization & their effects on fibril formation. Muthiah, P *Biochim Biophys Acta* 304 (1): 12-19. Ref. Mar 30, 1973

064328 381 B522
Glycoprotein biosynthesis. LvI. Regulation of uridine diphosphate N-acetyl-D-glucosamine metabolism in bovine thyroid gland slices. Trujillo, J L *Biochim Biophys Acta* 304 (1): 32-41. Ref. Mar 30, 1973

064329 383 SO1
Study of F2b fraction of calf thymus histone. (Fre) Skandrani, E *Biochimie* 54 (10): 1267-1272. Ref. Eng. Sum. 1972

064330 383 SO1
Histones of chicken erythrocytes. IV. Quantitative study of histones during maturation of erythrocytes. (Fre) Mazen, A *Biochimie* 54 (10): 1273-1279. Ref. Eng. Sum. 1972

064331 383 SO1
Preliminary purification & properties of transamidase of bovine submaxillary glands. (Fre) Lien Do Khac, *Biochimie* 54 (10): 1377-1380. Ref. 1972

064332 383 SO1
Partial sequence of amino-acids in procine myoglobin. (Fre) Floc'h, R *Biochimie* 55 (1): 95-98. Eng. Sum. 1973

064333 20 ER4
Conversion of nitrogen-containing compounds during incubation in presence of rumen contents. [Sheep]. (Rus) Arutiunian, T G *Biol Zh Arm* 25 (2): 47-52. Ref. Feb 1972

064334 41.9 B61AE
Haematopoiesis of newborn piglets & effect of iron dextran (Myofer). Bollwahn, W *Blue Book Vet Prof* 22: 152-162. Ref. 1972

064335 43.9 B775
Food utilization in lactation. [Dairy cows]. Broster, W H *Brit Cattle Breeders Club Dig* 28: 51-54. Ref. 1973

064336 HD1940.C95A1
Mechanical-physical properties of poultry excreta. (Cze) Stefel, Z *Brno Vysoka Sk Zemedel Sb Rada D Spisy Fak Provozne Ekon* 8 (2): 119-136. 1972

064337 442.9 P21
Study of antimitotic properties of antipyrine on animal cell cultured in vitro: Comparison with effects on plant cells. (Fre) Deysson, G *C R Seances Soc Biol Fil* 166 (6/7): 780-783. 1972

064338 442.9 P21
Comparative biochemical study of constitutents of uvea & retina in man, primates & ox. (Fre) Parlebas, J *C R Seances Soc Biol Fil* 166 (6/7): 849-853. Ref. 1972

064339 442.9 P21
Effect of steroid androgens on Muellerian ducts of chick embryo. (Fre) Stoll, R *C R Seances Soc Biol Fil* 166 (6/7): 858-861. 1972

064340 442.9 P21
On mechanism of retrogression of Muellerian ducts provoked by estrogens in chick embryo. (Fre) Maraud, R *C R Seances Soc Biol Fil* 166 (6/7): 862-864. 1972

064341 41.8 C11
Anatomical studies on morphological differences of bronchial branching in cattle in Teheran area. (Fre) Hekmatie, P *Cah Med Vet* 42 (2): 76-79. Mar/Apr 1973

064342 QP88.C3
Calcium regulation by chick embryo; an experimental approach. Marbaitz, R *Calcif Tissue Res* 11 (3): 238-241. Ref. 1973

064343 41.8 C163
Effects of environmental temperature & dietary copper on growth & lipid metabolism in pigs. I. Growth, carcass quality, & tissue copper levels. Myres, A W *Can J Anim Sci* 53 (1): 115-120. Ref. Mar 1973

064344 41.8 C163
Effects of environmental temperature & dietary copper on growth & lipid metabolism in pigs. II. Fatty acid composition of adipose tissue lipids. Myres, A W *Can J Anim Sci* 53 (1): 121-126. Ref. Mar 1973

064345 41.8 C163
Effects of environmental temperature & dietary copper on growth & lipid metabolism in pigs. III. Concentration & composition of plasma free fatty acids. Myres, A W *Can J Anim Sci* 53 (1): 127-132. Ref. Mar 1973

064346 41.8 C163
Muscle & kidney selenium levels in calves & lambs raised in various parts of Canada: relationship to selenium concentrations in plants & possibly human intakes. Hoffman, I *Can J Anim Sci* 53 (1): 61-66. Ref. Mar 1973

064347 442.8 C46
Chromatin of primitive erythroid cells from chick embryo. I. Changes in acridine orange binding & sensitivity to thermal denaturation during maturation. Campbell, G L *Chromosoma* 41 (4): 385-394. Ref. 1973

064348 444.8 C73
Histone fractions in chicken bursa of Fabricius & thymus. Sotirov, N *Compar Biochem Physiol* 44 (3a): 897-901. Ref. Mar 1, 1972

064349 41.9 C333
Fructose in pig foetuses in last third of intrauterine life. (Cze) Padalikova, D *Czech Min Zemed Les Hospod Ustav Vedeckotech Inform Vet Med* 17 (11): 657-664. Eng. Sum. Nov 1972

064350 448.8 EN2
Release of FSH [follicle-stimulating hormone] after administration of gonadotrophin-releasing hormone or estradiol to anestrous ewe. Jonas, H A *Endocrinology* 92 (3): 862-865. Mar 1973

064351 448.8 EN2
Epinephrine precursors: effects on iodine & intermediary metabolism of isolated calf thyroid cells. Maayan, M L *Endocrinology* 92 (3): 912-916. Ref. Mar 1973

064352 448.8 EN2
Studies of neurophysin secreting neurons with immunoperoxidase techniques employing antibody to bovine neurophysin. I. Light microscopic findings in monkey & bovine tissues. Zimmerman, E A *Endocrinology* 92 (3): 931-940. Ref. Mar 1973

064353 448.8 EN2
Effect of synthetic TRH [Thyrotropin-releasing hormone] on serum prolactin, TSH [stimulating thyrotropic hormone] & milk production in cow. Kelly, P A *Endocrinology* 92 (4): 1289-1293. Ref. Apr 1973

064354 RA565.A1E5
Effects of swine husbandry on incidence of congenital malformations: a matched-paired study. Selby, L A *Environ Res* 6 (1): 77-83. Ref. Mar 1973

064355 390.08 EN9
Protocollagen proline hydroxylase in eye, cartilage & skin of chicken embryo. Rinaudo, M T *Enzymologia* 43 (6): 408-422. Ref. Dec 31, 1972

064356 390.08 EN9
Effect of catalase concentration on the level of peroxidase activity, [Horses, liver]. Caldarera, C M *Enzymologia* 43 (6): 431-437. Ref. Dec 31, 1972

064357 QP501.E8
Diamine oxidase in rabbit liver. L. Assay conditions and subcellular localization. Argento-Ceru, M P *European J Biochem* 34 (2): 369-374. Ref. Apr 11, 1973

064358 QP501.E8
Diamine oxidase in rabbit liver. 2. Submicrosomal distribution. Argento-Ceru, M P *European J Biochem* 34 (2): 375-382. Ref. Apr 11, 1973

064359 QP501.E8
Isolation & amino-acid sequence of C-peptide of duck proinsulin. Markussen, J *European J Biochem* 34 (3): 401-408. Ref. May 1973

064360 475 EX7
Feeding elicited in sheep by intrahypothalamic injections of PGE. Martin, F H *Experientia* 29 (3): 306-307. Ref. Mar 15, 1973

064361 475 EX7
A radioautographic study of neural induction in chick embryo. Lee, H Y *Experientia* 29 (3): 332-334. Ref. Mar 15, 1973

064362 475 EX7
Degradation of haemoglobin-14C [carbon] & urinary excretion of bilirubin-14C by normothermic perfused isolated dog kidney. Stock, J V D *Experientia* 29 (4): 410-411. Apr 15, 1973

064363 475 EX7
Effect of 2-Br-alpha-ergokryptine (CB 154) on lactation in bitch. Mayer, P *Experientia* 29 (4): 484-485. Apr 15, 1973

064364 442.8 F71
Interrelations of motile & metabolic activities in tissue culture cells. III. Semisynchronous growth of chicken embryo cells preincubated in suspension. Korohoda, W *Folia Biol (warsaw)* 20 (4): 333-338. Ref. 1972

064365 QD415.F4
Dinitrophenylation of a single cysteine side chain in phosphorylase b from rabbit muscle with concomitant blocking of AMP [adenosine monophosphate] binding. Baumert, H G *FEbs Lett (fed Eur Biochem Soc)* 31 (1): 23-26. Ref. Apr 1, 1973

064366 QD415.F4
Affinity chromatography of porcine pancreatic ribonuclease & reinvestigation of N-terminal amino acid sequence. Wierenga, R K *FEbs Lett (fed Eur Biochem Soc)* 31 (2): 181-185. Ref. Apr 15, 1973

064367 QD415.F4
Influence of urea on crystallization & polymorphism of hen lysozyme. Berthou, J *FEbs Lett (fed Eur Biochem Soc)* 31 (2): 189-192. Ref. Apr 15, 1973

064368 QL801.G25
Vascularization in poultry brain. (Ger) Stark, A *Gegenbaurs Morphol Jahrb* 119 (1): 14-21. Ref. 1973

064369 442.8 G91
Age changes in relationship among certain endocrine glands of bovine males. Stallcup, O T *Growth* 36 (4): 311-324. Ref. Dec 1972

064370 442.8 G91
A histochemical study of development of muscle fiber type & size in normal & 'double muscled' cattle. Holmes, J H G *Growth* 36 (4): 351-372. Ref. Dec 1972

064371 442.8 G91
Fetal & neonatal development of Sinclair (s-l) miniature piglets effected by maternal dietary protein deprivation. Tumbleson, M E *Growth* 36 (4): 373-387. Ref. Dec 1972

064372 442.8 G91
Connective tissue metabolism in swine. . IV. Growth dependent changes in composition of log bones in female swine. Brown, R G *Growth* 36 (4): 389-406. Ref. Dec 1972

064373 442.8 G91
Brain weight, as a function of age in miniature swine. Tumbleson, M E *Growth* 37 (1): 13-17. Ref. Mar 1973

064374 442.8 G91
Postnatal growth in prenatally irradiated rats. I. Exposure rate effect on liver, kidney, spleen, & thymus. Martin, P G *Growth* 37 (1): 55-67. Ref. Mar 1973

064375 442.8 G91
Action of spermine on early chick development. II. Promotion of amino acid incorporation. Butros, J *Growth* 37 (1): 77-84. Ref. Mar 1973

064376 SF95.H3
Maternal metabolism during pregnancy. (Ger) Lenkeit, W *Handb Tierernahr* 2: 115-142. Ref. 1972

064377 SF95.H3
Hormonal control during pregnancy. (Ger) Karg, H *Handb Tierernahr* 2: 143-156. Ref. 1972

064378 SF95.H3
Morphology of mammary gland. (Ger) Ziegler, H *Handb Tierernahr* 2: 190-202. Ref. 1972

064379 SF95.H3
Mammary blood flow & changes in circulation during lactation in goats & cows. Linzell, J L *Handb Tierernahr* 2: 203-207. Ref. 1972

064380 SF95.H3
Hormonal regulation of development of mammary gland & milk formation. (Ger) Karg, H *Handb Tierernahr* 2: 208-219. Ref. 1972

064381 SF95.H3
Ejection of milk. (Ger) Peeters, G *Handb Tierernahr* 2: 220-230. Ref. 1972

064382 SF95.H3
Biosynthesis of milk protein. (Ger) Verbeke, R *Handb Tierernahr* 2: 231-240. Ref. 1972

064383 SF95.H3
Biosynthesis of milk fact. (Ger) Massart-Leen, A M *Handb Tierernahr* 2: 241-250. Ref. 1972

064384 SF95.H3
Synthesis of milk sugars. (Ger) Peeters, G *Handb Tierernahr* 2: 251-258. Ref. 1972

064385 SF95.H3
Physiology & biochemistry of growth. [Livestock]. (Ger) Brune, H *Handb Tierernahr* 2: 438-450. Ref. 1972

064386 SF95.H3
Carbohydrate & lipid metabolism of growing animals. Ballard, F J *Handb Tierernahr* 2: 451-488. Ref. 1972

064387 SF95.H3
Growth & meat formation. [Cattle, swine]. (Ger) Weniger, J H *Handb Tierernahr* 2: 489-519. Ref. 1972

064388 SF95.H3
Growth regulation. [Animals]. (Ger) Schole, J *Handb Tierernahr* 2: 520-527. Ref. 1973

064389 SF95.H3
Morphology of egg formation. [Poultry]. (Ger) Schummer, A *Handb Tierernahr* 2: 606-613. Ref. 1972

064390 SF95.H3
Physiology of egg fromation. [Poultry]. (Ger) Svennson, S A *Handb Tierernahr* 2: 614-625. Ref. 1972

064391 SF95.H3
Carbohydrate-, fat-, protein metabolism & egg formatuon. [Poultry]. (Ger) Biedermann, R *Handb Tierernahr* 2: 626-632. Ref. 1972

064392 SF95.H3
Mineral metabolism & egg formation. [Poultry]. (Ger) Lorcher, K *Handb Tierernahr* 2: 633-644. Ref. 1972

064393 SF95.H3
Working performance. [Horses, muscles, physiology, biochemistry]. (Ger) Dyrendahl, S *Handb Tierernahr* 2: 674-689. Ref. 1972

064394 SF15.S7H4
Non-spontaneous estrus in sows. (Spa) Mora Vidal, J *Hens, Rev Tec Ganad* 13 (144): 10-11. Oct 1972

064395 384 Z38
Studies on chemistry of arterial wall. XVI. Topochemical studies on glycosaminoglycan & lipid metabolism in bovine arterial tissue. Hodara, M A *Hoppe-seylers Z Physiol Chem* 354 (4): 445-452. Ref. Apr 1973

064396 SF1.I4
Variations of haemoglobin polymorphism in Russian Merinos located at two different enviroments semi-arid (Jaipur) & Himalayan range (Simla). Singh, L B *Indian J Anim Health* 11 (2): 239-240. Dec 1972

064397 442.8 IN2
Transport of glycine, 3-o-methyl glucose & acetic acid by rumen epithelium of Betal goats in vitro. Chand, D *Indian J Exp Biol* 10 (6): 415-417. Ref. Nov 1972

064398 41.8 IN2
Blood electrolytes in cattle-serum sodium & potassium level in local breeds. Das, P K *Indian Vet J* 49 (11): 1162-1163. Ref. Nov 1972

064399 QD415.A1I5
Lipid biosynthesis in bovine mammary cells from [1-14C]butyrate. [Carbon]. Kinsella, J E *Int J Biochem* 3 N18e: 637-641 ref. Dec 1972

064400 20 M57AG
Physiology & resulting aspects of intensive calf fattening for producing white meat. (Ger) Volker, H *Int Z Landwirt* 5: 579-583. Ref. 1972

064401 47.9 IV12
Artificial delay of onset of lay in maturing pullets using antiovulation drugs. (Slo) Ledec, M *Ivanka Dunaji Czech Repub Vysk Ustav Chov Hydiny Ved Pr* 12: 113-127. Ref. Eng. Sum. 1972

064402 47.9 IV12
Involution of reproductive organs & weight changes of some glands in spontaneously moulting hens. (Slo) Kosutzky, J *Ivanka Dunaji Czech Repub Vysk Ustav Chov Hydiny Ved Pr* 12: 129-137. Ref. Eng. Sum. 1972

064403 47.9 IV12
Physic chemical properties of pheasant eggs in first & second year of laying. (Slo) Micek, J *Ivanka Dunaji Czech Repub Vysk Ustav Chov Hydiny Ved Pr* 12: 185-201. Ref. Eng. Sum. 1972

064404 10 J822
Effects of varying degrees of water restriction on distribution of body water in highand low-potassium-type Marwari sheep. Purohit, G R *J Agr Sci (London)* 80 (2): 177-180. Ref. Apr 1973

064405 S19.J62
Effect of age of chicken on quality of egg shell in White Leghorn & Lyallpur Silver Black breeds. Ahmad, K N *J Agric Res* 10 (1): 59-63. Ref. Mar 1972

064406 S19.J62
Studies on effect of lowered temperature during summer nights on productive behaviour of White Leghorn & Lyallpur Silver Black layers. Chaudhry, M R *J Agric Res* 10 (1): 64-69. Ref. Mar 1972

064407 S19.J62
Study of reticulo-ruminal contractions in sheep: Normal pattern of reticulo-ruminal contractions during resting, eating & ruminations states. Ali, C S *J Agric Res* 10 (3): 207-215. Ref. Sept 1972

064408 447.8 J826
Histochemical location of ketose-reductase in placenta & fetal tissues. [Cattle]. Rama, F *J Anat* 114 (1): 109-113. Ref. Jan 1973

064409 447.8 J826
An electron microscopic study of histogenesis of ultimobranchial body & of C-cell system in sheep. Jordan, R K *J Anat* 114 (1): 115-136. Ref. Jan 1973

064410 49 J823
Studies on zinc retention in sheep. Abou-Hussein, E R M *J Anim Prod United Arab Repub* 12 (1): 17-27. Ref. 1972

064411 49 J82
Fat mobilizing lipase in relation to fatness in lambs. Sidhu, K S *J Anim Sci* 36 (4): 658-662. Ref. Apr 1973

064412 49 J82
Effects of stress on cattle with hereditary muscular hypertrophy. Holmes, J H G *J Anim Sci* 36 (4): 684-694. Ref. Apr 1973

064413 49 J82
Zeranol & dietary protein level effects on live performance, carcass merit, certain endocrine factors & blood metabolite levels of steers. Borger, M L *J Anim Sci* 36 (4): 706-711. Ref. Apr 1973

064414 49 J82
Zeranol & dietary protein level effects on DNA, RNA & protein composition of three muscles & relationship to serum insulin & GH levels of steers. Borger, M L *J Anim Sci* 36 (4): 712-715. Ref. Apr 1973

064415 49 J82
Insulin turnover & irreversible loss rate in horses. Madigan, J E *J Anim Sci* 36 (4): 730-733. Ref. Apr 1973

064416 49 J82
Difficulties associated with use of tritiated polyethylene glycol as a water-soluble digestion marker in ruminants. [Cattle]. Neudoerffer, T S *J Anim Sci* 36 (4): 749-753. Ref. Apr 1973

064417 49 J82
Effect of castration, ration & hormone implants on performance of finishing cattle. Laflamme, L *J Anim Sci* 36 (4): 762-767. Ref. Apr 1973

064418 49 J82
Range behavior of Hereford, Hereford X Holstein non-lactating heifers. Kropp, J R *J Anim Sci* 36 (4): 797-802. Apr 1973

064419 381 J824
Elongation factor 2 content of mammalian cells: assay method & relation to ribosome number. [Rabbits]. Gill, D M *J Biol Chem* 248 (2): 654-658. Ref. Jan 25, 1973

064420 381 J824
Evidence for induction of a conformational change of bovine trypsin by a specific substrate at pH [hydrogen-ion concentration]8.0. Royer, G P *J Biol Chem* 248 (7): 2627-2629. Ref. Apr 10, 1972

064421 381 J824
A comparison of major apolipoprotein from pig & human high density lipoproteins. Jackson, R L *J Biol Chem* 248 (8): 2639-2644. Ref. Apr 25, 1973

064422 381 J824
On stability of bovine superoxide dismutase: effects of metals. Forman, H J *J Biol Chem* 248 (8): 2645-2649. Ref. Apr 25, 1973

064423 381 J824
Aurovertin, a fluorescent probe of conformational change in beef heart mitochondrial adenosine triphosphatase. Chang, T M *J Biol Chem* 248 (8): 2746-2754. Ref. Apr 25, 1973

064424 TA166.J6
In vivo bone strain recorded from thoracic vertebrae of sheep. Lanyon, L E *J Biomech* 5 (3): 277-281. May 1972

064425 410 J822
Effect of administration of adrenalin on immobility reaction in domestic fowl. Braud, W G *J Compar Physiol Psychol* 83 (1): 124-127. Ref. Apr 1973

064426 44.8 J822
Hormonal control of precursor pools, ribonucleic acid synthesis, & cellular morphology in mammary tissue pieces during lactogenesis. Mohrenweiser, H W *J Dairy Sci* 56 (4): 436-445. Ref. Apr 1973

064427 44.8 J822
Factors affecting endogenous plasma oxytocic activity in lactating Holstein cows. Randy, H A *J Dairy Sci* 56 (4): 446-450. Apr 1973

064428 44.8 J822
Serum luteinizing hormone, prolactin, glucocorticoid, & progestin in dairy cows from calving to gestation. Edgerton, L A *J Dairy Sci* 56 (4): 451-458. Ref. Apr 1973

064429 44.8 J822
Plasma insulin concentrations in parturient cows. Blum, J W *J Dairy Sci* 56 (4): 459-464. Ref. Apr 1973

064430 44.8 J822
Feed utilization & anatomical adaptation of kids after removal of compartments of forestomach or omasal laminae. Hamada, T *J Dairy Sci* 56 (4): 473-483. Ref. Apr 1973

064431 44.8 J822
Effect of thyrotropin releasing hormone on yield & composition of bovine milk. Convey, E M *J Dairy Sci* 56 (4): 484-486. Ref. Apr 1973

064432 448.8 J8293
Release of growth hormone in response to milking in goat during early & late lactation. Hart, I C *J Endocrinol* 57 (1): 177-178. Apr 1973

064433 448.8 J8293
Effect of 2-bromo-alpha-ergocryptine on milk yield & level of prolactin & growth hormone in blood of goat at milking. Hart, I C *J Endocrinol* 57 (1): 179-180. Apr 1973

064434 448.8 J8293
Vasopressin & milk secretion: lack of effect of low doses. [Saanen goats]. Peaker, M *J Endocrinol* 57 (1): 57-95. Ref. Apr 1973

064435 448.8 J8293
Kinetics of oestradiol-17 beta metabolism in sheep. Challis, J R G *J Endocrinol* 57 (1): 97-110. Ref. Apr 1973

064436 389.8 J82
Vitamin A & bone metabolism in rat. Zile, M *J Nutr* 103 (2): 308-313. Feb 1973

064437 389.8 J82
Effect of various sugars on hepatic glucose-6-phosphate dehydrogenase, malic enzyme & total liver lipid of rat. Michaelis, O E *J Nutr* 103 (5): 697-7059 ref. May 1973

064438 389.8 J82
Influence of level o dietary copper on weight gain, hematology & liver copper & iron storage of young pigs. Gipp, W F *J Nutr* 103 (5): 713-719. Ref. May 1973

064439 389.8 J82
Cessation of uptake of macromolecules by neonatal guinea pig, hamster & rabbit intestinal epithelium (closure) & transport into blood. Lecce, J G *J Nutr* 103 (5): 744-750. Ref. May 1973

064440 389.8 J82
Efffect of dietary regimen on cessation of uptake of macromolecules by piglet intestinal epithelium ('losure) & transport ot blood. Lecce, J G *J Nutr* 103 (5): 751-756. Ref. May 1973

064441 389.8 J82
Dietary influences on activities of enzymes involved in branched-chain amino acid catabolism in chick. Featherston, W R *J Nutr* 103 (5): 757-765. Ref. May 1973

064442 447.8 J82
Innate seasonal oscillations in rate of milk secretion in goats. Linzell, J L *J Physiol (london)* 230 (1): 225-233. Ref. Apr 1973

064443 442.8 J8222
Chemical sympathectomy of rabbit oviduct using 6-hydroxydopamine. Eddy, C A *J Reprod Fertil* 33 (1): 1-9. Ref. Apr 1973

064444 382 SO12
Effect of delignification on in vitro rumen digestion of polysaccharides of bagasse. [Cattle]. Dekker, R F H *J Sci Food Agr* 24 (4): 375-379. Ref. Apr 1973

064445 QD426.A1J6
Differences between rats & chickens in response to synthetic glucocorticosteroid. Sarkar, N K *J Steroid Biochem* 4 (2): 163-170. Ref. Mar 1973

064446 513 T576
Chromosomes of Japanese serow, Capricornis crispus (Temminck). Benirschke, K *Jap Acad Proc* 48 (8): 608-612. Ref. Oct 1972

064447 513 T576
Thalamo-cortical organization of auditory system in cat. Niimi, K *Jap Acad Proc* 48 (8): 619-624. Oct 1972

064448 QL951.E4
Ontogeny of chicken hemoglobin. II. Chromatographic study of heterogeneity of hemoglobin in development. Shimizu, K *Jap Soc Develop Biol Develop Growth & Differ* 14 (3): 281-295. Ref. Nov 1972

064449 385 K524
Carbohydrate metabolism in sheep organism when synthtic nitrogenous substances are included in feed ration. (Rus) Aliev, A A *Khim Sel'skom Khoz* 10 (10): 71-74. 1972

064450 385 K524
Interrelationships between level of protein-bound iodine & reproductive ability of cows. (Rus) Sazonova, T N *Khim Sel'skom Khoz* 11 (1): 57-59. Ref. 1973

064451 41.8 K67
Lachrymal duct of cats. (Ger) Kupper, W *Kleintier – praxis* 18 (2): 42-44. Eng. Sum. Mar 1973

064452 511 R442
Change of some biochemical indices of protein metabolism in organism of young cattle & sheep under influence of periodic Day-long fasting. (Rus) Salmane, R *Latv Psr Zinat Akad Vestis Izv* 1: 21-27. Eng. Sum. 1973

064453 QP751.L5
Observations on changes in lipid composition & lecithin-cholesterol-acyl transferase reaction of bovine plasma induced by heat exposure. Noble, R C *Lipids* 8 (4): 216-223. Ref. Apr 1973

064454 410 M31
Arterial blood supply of sinus node of mules. Equus caballus X Equus asinus). (Fre) Filho, A F *Mammalia* 36 (4): 687-695. Eng. Sum. Dec 1972

064455 41.8 M463
Application of fluorescent test to indirect analysis of sex of interphasal cells in domestic animals, monkeys & man. (Pol) Sysa, P *Med Wet* 29 (1): 5-7. Eng. Sum. Jan 1973

064456 41.8 M463
Influence of various microclimatic conditions on behaviour of porkers. (Pol) Grzegorzak, A *Med Wet* 29 (2): 116-118. Feb 1973

064457 18 N39
Domestic animals & their environment. (Ger) Zeeb, K *Mitt Deut Landwirt-ges* 87 (51): 1293-1295. Dec 14, 1972

064458 41.8 M742
Heat regulation of newborn rabbits: Some peculiartiies. (Ger) Nichelmann, M *Monatsh Veterinarmed* 27 (23): 904-911. Ref. Eng. Sum. Dec 1, 1972

064459 442.8 N22
On dynamics of amount of ribonucleoproteins of tigroid & mitochondria in motor neurons of spinal cord of cats during excitation & inhibition. (Rus) Aleinikova, T V *Nauch Dokl Vyssh Shk, Biol Nauk* 2: 35-38. Ref. 1973

064460 41.8 N813
Influence of peroxidized unsaturated fat & vitamin E on hemoglobin formation & iron absorption in mink. Havre, G N *Nord Vet Med* 25 (2): 79-82. Feb 1973

064461 41.8 N813
Serum types of Nordland horse & Norwegian trotter. Lie, H *Nord Vet Med* 25 (2): 83-87. Ref. Feb 1973

064462 20.5 N86
Influence of age on wool production in longwool sheep. (Pol) Wilkos, F *Nowe Roln* 22 (3): 13-14. Feb 1/15 1973

064463 513 OB3
Fine structure in blood cells of Japanese quails (Coturnix coturnix japonico). I. Heterophils & eosinophils. Yamada, J *Obihiro Zootech Univ Res Bull* (Ser. 1) 7 (4): 539-560. Ref. Jan 1973

064464 100 OH3S (2)
Milk without motherhood. [Dairy cattle]. *Ohio Agr Res Develop Center Res Bull* 1061: 7. 1972

064465 20.5 OL8
Foetal swine erythropoiesis. (Pol) Wyrzykowska, K *Olsztyn Wyzsza Szkola Roln Zeszyty Nauk* 28 (2): 179-220. Ref. Eng. Sum. 1972

064466 20.5 OL8
Microscopic structure of longissimus dorsi muscle of pigs in Pietrain & Spotted Zlotniki breed & their hybrids F1, F2. (Pol) Wyrzykowska, K *Olsztyn Wyzsza Szkola Roln Zeszyty Nauk* 28 (2): 285-300. Eng. Sum. 1972

064467 20.5 OL8
Development of skeleton of extremities in goats during postnatal life. (Pol) Nowicki, M *Olsztyn Wyzsza Szkola Roln Zeszyty Nauk* 28 (2): 301-311. Ref. 1972

064468 47.9 P87
An attempt to establish relationship between some zoometric measurements of geese before force-feeding & fatty liver weight. (Pol) Bielinski, K *Postepy Drobiarstwa* 14 (2): 57-62. Eng. Sum. June 1972

064469 49 P952
Hierarchy within a herd of cattle. (Pol) Rogalski, M *Przegl Hodowlany* 40 (11): 13-15. June 1/15, 1972

064470 49 P952
Cannibalism & sow placenta. (Pol) Surdacki, Z *Przegl Hodowlany* 40 (12): 20-21. June 16/30, 1972

064471 49 P952
Effect of sheep age on wool production. (Pol) Wilkos, F *Przegl Hodowlany* 41 (15/16): 26-28. Aug 1/31, 1972

064472 49 P952
Effect of antibodies on vitality of calves & piglets in first period of their life. (Pol) Bujwid, J *Przegl Hodowlany* 41 (15/16): 31-32. Aug 1/31, 1 72

064473 49 P952
Milk formation in milk gland of cow. (Pol) Kulasek, G *Przegl Hodowlany* 41 (18): 7-9. Sept 16/30, 1972

064474 49 P952
Effect of age of parents on weight of lambs & fertility of long-wool sheep. (Pol) Wilkos, F *Przegl Hodowlany* 41 (20): 16-17. Oct 16/31, 1972

064475 49 P952
Behavior of cows in relation to constraints used for them. (Pol) Bilowicki, J *Przegl Hodowlany* 41 (21): 4-6. Nov 1/15, 1972

064476 447.8 Q1
Parotid salivary secretion in sheep: its measurement & influence on phosphorus in rumen fluid. Tomas, F M *Quart J Exp Physiol Cog Med Sci* 58 (2): 131-138. Apr 1973

064477 447.8 Q1
Ultrastructure of shell forming region of oviduct & development of shell of Gallus domesticus. [Poultry]. Wyburn, G M *Quart J Exp Physiol Cog Med Sci* 58 (2): 143-151. Ref. Apr 1973

064478 447.8 Q1
Blood volumes of fetal & newborn sheep. Pipkin, F B *Quart J Exp Physiol Cog Med Sci* 58 (2): 181-188. Ref. Apr 1973

064479 50.9 R24
Prenatal development of muscle fiber types in domestic animals. Ashmore, C R *Reciprocal Meat Conf Proc* 25Th: 211-230. Ref. 1972

064480 50.9 R24
Hormonal influence on fat deposition. [Swine]. Machlin, L J *Reciprocal Meat Conf Proc* 25Th: 40-65. Ref. 1972

064481 50.9 R24
Cellular development of adipose tissues. [Animals]. Anderson, D B *Reciprocal Meat Conf Proc* 25Th: 9-39. Ref. 1972

064482 41.8 R25
Efficacy of calcium hypophosphite in raising plasma calcium & inorganic phosphate levels in blood of normal dairy cows. Sachs, M *Refuah Vet* 29 (4): 153-158. Dec 1972

064483 24 R323
Present concepts on some aspects of physiology of cattle in tropical & subtropical zones. (Por) *Rev Agr (mocambique)* 15 (152): 15-23. Ref. Nov 1972

064484 41.8 R3226
Ultrastructure & synapsis of Purkinje cells in rabbit. (Spa) Moros M, F *Rev Vet Venezolana* 33 (197): 343-362 ref. Dec 31, 1972

064485 SF1.R54
Physical characeristics of domestic animals. (Ita) Falaschini, A *Rilancio Agric Vet Zootec* 4 (11/12): 16-18. 1972

064486 SF1.R54
Gaining of weight & growth of geese. (Ita) Baldissera Nordio, C *Rilancio Agric Vet Zootec* 4 (8/9): 10, 12-13. 1972

064487 442.8 R52
An histochemical study of cytochrome-oxidase & succinic-dehydrogenase activity in chick embryo membranous labyrinth. (Ita) Marmo, F *Riv Biol* (New Ser. 25) 65 (3): 175-201. July/Spet 1972

064488 442.9 SA6
Karyotypic evolution in two series of cell line PK-15-3. (Por) Koseki, I *Sao Paulo Inst Biol Arq* 39 (3): 173-187. Ref. Eng. Sum. July/Sept 1972

064489 HD1940.C95P74
Contribution to applied ethology in rearing of pigs. Forming of sucking order of piglets. (Cze) Hosman, L *Sb Vys Sk Zemed Praze, Provozne Ekon Fak, Cesk Budejovicich, Biol Rada* 10 (2): 107-117. Ref. Eng. Sum. 1972

064490 HD1940.C95P74
Analysis of relationship between proteins of blood serum & weight increments in young cattle. (Cze) Kroupova, V *Sb Vys Sk Zemed Praze, Provozne Ekon Fak, Cesk Budejovicich, Biol Rada* 10 (2): 159-176. Ref. Eng. Sum. 1972

064491 HD1940.C95P74
Contribution to applied ethology in rearing of pigs. Forming of sucking order of piglets & influences affecting it. (Cze) Hosman, L *Sb Vys Sk Zemed Praze, Provozne Ekon Fak, Cesk Budejovicich, Biol Rada* 10 (2): 97-106. Eng. Sum. 1972

064492 S13.S44
Effect of copper on content of vitamins C1, B1, B2 & B12 in organism of swine. (Rus) Berenshtein, F IA *Sel'skokhoz Biol* 8 (1): 104-107. Ref. Eng. Sum. Jan/Feb 1973

064493 S13.S44
Assimilation of crystal amino acids in digestive tract & effect of their inclusion into feeding rations on digestive processes in swine. (Rus) Polivoda, D I *Sel'skokhoz Biol* 8 (1): 108-112. Eng. Sum. Jan/Feb 1973

064494 S13.S44
Role of polymorphism of beta-lactoglobulin for sucking calves. (Rus) Kriventsov, IU M *Sel'skokhoz Biol* 8 (1): 82-86. Eng. Sum. Jan/Feb 1973

064495 S13.S44
Effect of heat resistance on duration of intercalving period for Black Pied cows in central Asia. (Rus) Erokhin, P I *Sel'skokhoz Biol* 8 (1): 95-99. Ref. Eng. Sum. Jan/Feb 1973

064496 S13.S55
Some data on fattening & thermal regulation of young cattle under various temperature conditions of keeping. (Rus) Gizbrekht, IA IA *Sib Vestn S-kh Nauk* 1: 83-86. Jan/Feb 1972

064497 442.9 SO1
Zinc 65 secretion by exocrine pancreas of chicks fed soybean meal. Salman, A J *Soc Exp Biol Med Proc* 142 (4): 1248-1251. Apr 1973

064498 9.2 SO4
Endocrinological aspects of adaptation of swine to high ambient temperature. (Por) Zamith, A P L *Solo* 64 (2): 29-31. Ref. Eng. Sum. Nov 1972

064499 QH491.S66
Local interruption of undulation in contact-induced inhibition of cell motion. [Chick embryos]. Trinkaus, J P *Sov J Develop Biol* 2 (3): 257-258. Ref. May/-June 1971 Transl. 1972

064500 20.5 ST4
Studies on developmental abnormalities in cattle of Pomerania. I. Problems, goals, general methodic principles. (Pol) Kubasiewicz, M *Stettin Wyzsza Szkola Roln Zeszyty Nauk* 36: 105-118. 1971 (Pub. 1972)

064501 20.5 ST4
Lipid analysis in wall of digestive tract & adipose tissues of preruminant animals. [Goats, kids]. (Pol) Felinski, L *Stettin Wyzsza Szkola Roln Zeszyty Nauk* 36: 169-178. Ref. Eng. Sum. 1971 (Pub. 1972)

064502 41.8 F49
Mid-cycle-follicle in bovine. Rajakoski, E *Suomen Elainlaakarilehti* 79 (3): 145-149. Ref. Mar 1973

064503 385 SU7
On metabolism of sucrose by a cow fed protein-free, purified feed. Kreula, M *Suomen Kem* 46 (3): 93-96. Ref. 1973

064504 SF391.S9
Age data on phagocytic activity of leukocytes in baby pigs weaned at different times. (Ukr) Sahlo, O F *Svynarstvo* 16: 29-32. 1972

064505 SF391.S9
On metabolism in young swine obtained by various methods of matching. [Large White swine]. (Ukr) Holub, N D *Svynarstvo* 16: 42-44. 1972

064506 SF391.S9
Histogenesis of muscle tissue of Large White, Mirgorod & Landrace swine breeds. (Ukr) Strobykina, R V *Svynarstvo* 16: 69-74. 1972

064507 SF391.S9
Phosphatase activity & concentration of glycogen in embryonic liver of various breeds of swine. (Ukr) Pavliuk, I M *Svynarstvo* 16: 85-88. 1972

064508 S13.S9
Influence of sodium insufficiency in fodder on functioning of kidneys & lactic gland. [Goats]. (Pol) Baranowski, S *Szczecin Wyzsza Szk Roln Rozpr* 29, 32 P. Ref. Eng. Sum. 1972

064509 100 T31P
Relationships between performance and mature size of beef cows. Carpenter, J A *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3111/3131: 23-27. Ref. Nov 1972

064510 100 T31P
Relationships between calf performance and mature size of beef cows. Carpenter, J A *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3111/3131: 27-30. Ref. Nov 1972

064511 100 T31P
Developmental patterns of internal pelvic conformation beef breeds & crosses. Bennett, F A *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3111/3131: 30-33. Nov 1972

064512 100 T31P
Developmental patterns of internal pelvic conformation of females within various beef breeds. Bennett, F A *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3111/3131: 34-35. Nov 1972

064513 100 T31P
Selection to change shape of growth curves of beef cattle. Fitzhugh, H A Agricultural Experiment Station *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3111/3131: 35-38. Nov 1972

064514 41.8 T445
Cynology for veterinarians. (Ger) Wegner, W *Tierarztl Umsch* 28 (3): 116, 118-120, 122 Mar 1, 1973

064515 41.8 T445
Precipitation studies on Zeranol. [Cattle, sheep]. (Ger) Brown, R G *Tierarztl Umsch* 28 (4): 176, 178-179. Apr 1, 1973

064516 49 T443
Results of ultrasonic live-animal appraisal with pigs from point of view of lines of breeds Deutsches Veredeltes Landschwein (DL) & Deutsches Edelschwein (DE) bred in German Democ (Ger) Pfeiffer, H *Tierzucht* 26 (11): 422-424. Nov 1972

064517 49 T443
Loin-eye muscle measures for evaluating composition of pig carcasses. (Ger) Pfeiffer, H *Tierzucht* 26 (12): 466-467. Dec 1972

064518 49 T445
Appraisal methods for carcass composition of live animals. [Cattle, swine]. (Ger) Stouffer, J R *Tierzuchter* 24 (22): 659-660. Nov 20, 1972

064519 49 T445
Behavior of wild swine compared to behavior of domestic swine. II. (Ger) Hosman, L *Tierzuchter* 24 (24): 726-727. Dec 20, 1972

064520 41.9 T575Q
Stomach contractions at REM [rapid-eye-movement] sleep in goats & sheep. Itabisashi, T *Tokyo Nat Inst Anim Health Quart* 13 (1): 23-33. Ref. Spring 1973

064521 41.9 T575Q
Adrenalin-induced rumination in sheep & goats. Itabisashi, T *Tokyo Nat Inst Anim Health Quart* 13 (1): 34-35. Spring 1973

064522 QH573.T75
On microchromosomes in domestic chicken. (Rus) Panchenko, N A *Tsitol Genet* 7 (1): 6-8. Ref. Eng. Sum. Jan/Feb 1973

064523 1 AG84AH
Avian anatomy: integument. I-iI. Lucas, A M *U S D A Agr Handb* 362, 750 P. Ref. Sept 1972

064524 474 UM7
Psychopharmaca stimulates lactation. (Ger) Sulman, F *Umschau* 73 (9): 278. Eng. Sum. May 1, 1973

064525 S542.R6U5
Effect of rearing methods of young lambs, age & breed on some morphoproductive indices of sheep. (Rum) Tudora, M *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 395-403. Eng. Sum. 1971 (Pub. 1972)

064526 442.9 L542V
Change in activity of transketolase & transaldolase in developing brain. [Chick embryo]. (Rus) Kudravtseva, G V *Vestn Leningr Univ, Biol* 3: 76-80. Ref. Eng. Sum. 1973

064527 20 AK16
Enzymatic activity of alkaline phosphatase of blood serum in sheep of various lambing dates. (Rus) Safonov, A F *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 124-126. Jan 1973

064528 20 AK16
On problem of stimulating growth, productivity & greatment of certain non-infectious diseases of livestock with hormonal-tissue biostimulants. (Rus) Khanin, M A *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 58-59. Jan 1973

064529 20 AK16
Productive qualities of sheep relative to type of skin folding & growth of head & limbs. (Rus) Berus, V K *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 32-36. Feb 1973

064530 20 AK16
Interior & productivity of southern Kazakh Merinos [Sheep, blood composition]. (Rus) Esaliev, O *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 37-39. Feb 1973

064531 20 AK16
Biochemical indices of metabolic functions of blood in cows according to stages of their sexual cycle. (Rus) Abbasov, B *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 43-46. Feb 1973

064532 20 M66
Cholesterol of blood serum in relation to level of protein diet, age & sex of ducklings. (Bel) *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 1: 112-115. Ref. 1973

064533 20 M66
Bacterial activity & biochemical composition of blood in cow-mothers & newborn calves. (Bel) Pilui, A F *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 1: 92-94. 1973

064534 20 M66
Amino acid composition of swine blood in relation to quality & quantity of protein in feed rations. (Bel) Shpakau, A P *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 1: 95-99. 1973

064535 41.9 C333
Blood serum lysyl-arylamidase activity in domestic animals. (Slo) Molnarova, M *Vet Med (prague)* 17 (9): 561-568. Sept 1972

064536 41.8 V6466
Prostaglandins. [Livestock]. Lewis, A J *Vet Rev* 23 (2): 33-39. Ref. Oct 1972

064537 41.8 V6463
Pyrogenic response of lambs & ewes. (Bul) Planski, B *Vet Sbirka* 69 (4): 38-42. 1972

064538 41.8 V6426
Physiological state of dairy cows in connection with loose housing. (Rus) Gerasimovich, B P *Veterinariia* 1: 85-87. 1973

064539 41.8 V6426
Effect of vitamin complex on body of cows & calves. (Rus) Efanov, N A *Veterinariia* 1: 90-93. 1973

064540 41.8 V6426
Polysaccharide compounds of secretory elements of cow vagina. (Rus) Logvinov, D D *Veterinariia* 3: 84-85. Feb 1973

064541 41.8 V6426
Carbohydrate-phosphorus metabolism in cow uterus during postpartum period. (Rus) Zvereva, G V *Veterinariia* 4: 83-85. Apr 1973

064542 41.8 V6426
Change in properties of rumen contents & ketosis formation in cows. (Rus) Smirnov, S I *Veterinariia* 4: 91-94. Apr 1973

064543 41.8 V6426
Some indices of blood metabolism in reindeer. (Rus) Solomonova, L D *Veterinariia* 4: 95-97. Apr 1973

064544 20 V82
Lymphatic network of synovial membrane of tendon sheath of digit of horse. (Ukr) Povazhenko, I O *Visnyk Sil's'kohospodar Nauk* 1: 102-105. Jan 1973

064545 20 V82
Activity of alkaline phosphate in mucuous membrane of intestines of 3-to-6-months-old calves. (Ukr) Korshak, O L *Visnyk Sil's'kohospodar Nauk* 2: 101-105. Ref. Feb 1973

064546 20 V82
Some features of body development & forming of meatiness in swine of various breeds. (Ukr) Ostapchuk, P P *Visnyk Sil's'kohospodar Nauk* 2: 93-98. Ref. Feb 1973

064547 20 V82
Morphological & physiological features of cow udders of Lebedin breed. (Ukr) Steblovs'kyi, V P *Visnyk Sil's'kohospodar Nauk* 3: 77-81. 1973

064548 20 V82
Growth patterns of swine skeletons of various breeds during post-embryonic period. (Ukr) Danyliuk, B P *Visnyk Sil's'kohospodar Nauk* 3: 81-85. 1973

064549 20 AK1
Osmotic pressure & digestion in rumen of young cattle. (Rus) Murad, Kh M *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 2: 28-29. Feb 1973

064550 41.8 T345
Physiological bases of lactation. (Ger) Hofecker, G *Wien Tierarztl Monatsschr* 60 (4): 138-142. Ref. Eng. Sum. Apr 1973

064551 49 W89
Efficiency of feed conversion by some tropical ruminants. Mukhtar, A M S *World Rev Anim Prod* 8 (3): 69-72. July/-Sept 1972

064552 389.1 W892
Adaptations of digestive tract during reproduction in mammal. Fell, B F *World Rev Nutr Diet* 14: 180-256. Ref. 1972

064553 41.9 B753
Motor function of forestomachs in cattle, sheep & goats. II. Movements of dorsal & ventral sack of rumen. (Pol) Zieba, D *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 21: 43-65. Ref. Rng. Sum. 1972

064554 41.9 B753
Motor function of forestomachs in cattle sheep & goats. III. Movements of reticulum, ruminoreticular cycle, movements of omasum. (Pol) Zieba, D *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 21: 67-87. Ref. Eng. Sum. 1972

064555 41.9 B753
Vegetative propagation of tea crops & clone selection of varieties culum & abomasum & on secretion of saliva & gastric juice in sheep. III. Saliva secretion & motor function of reticulum as influenced by (Pol) Dejneka, J *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 21: 9-42. Ref. Eng. Sum. 1972

064556 41.9 B753
Health of hens raised in typical coops with reference to environmental factors of South Great Poland Lowland. (Pol) Ciapala, M *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 28: 107-128. Ref. Eng. Sum. 1972

064557 41.9 B753
Health of broilers fattened in two poultry houses different in type. (Pol) Sokolowska-Rozowa, B *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 28: 129-155. Ref. Eng. Sum. 1972

064558 41.9 B753
Electrolyte level in blood plasma of White Rock chickens & hens. (Pol) Mazurkiewicz, M *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 28: 47-54. Ref. Eng. Sum. 1972

064559 41.9 B753
Acid-alkaline balance in White Rock chickens & hens. (Pol) Mazurkiewicz, M *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 28: 55-59. Ref. Eng. Sum. 1972

064560 41.9 B753
Health of hens in typical coops with reference to environental factors of Tuchola district. (Pol) Lacki, J *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 28: 69-87. Ref. Eng. Sum. 1972

064561 41.9 B753
Health of hens raised in typical coops with reference to environmental factors of Jedrzejow district. (Pol) Bronkowski, S *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 28: 89-106. Ref. Eng. Sum. 1972

064562 40.19 AN42
Possibilities of using skin follicle characteristics in improvement of mohair production & mohair characteristics. [Angora goats]. (Tur) Yalcin, B C *Yayin Vet Isleri Gen Mudurlugu Lalahan Zootek Arastirma Enst* 12 (3/4): 22-38. Ref. Eng. Sum. 1972

064563 389.78 Z3
Different hydrogen-ion concentration dependence of sugar transport in jejunum & ileum of chickens. (Ger) Scharrer, E *Z Tierphysiol Tierernahr Futtermittelkunde* 30 (5): 268-274. Ref. Eng. Sum. Dec 1972

064564 389.78 Z3
Studies on intestinal hydrolysis of inosite phosphoric acid esters & in absorption of phytin phosphorus in swine. 3. Studies on intestinal absorption of total phosphorus & phytin phospho (Ger) Vemmer, H *Z Tierphysiol Tierernahr Futtermittelkunde* 31 (3): 129-136. Ref. Eng. Sum. Apr 1973

064565 389.78 Z3
Delay of time between specific phosphorus-32-activities of feces & urine in growing pigs after parenteral injection of radiophosphorus: A contribution for determination of endogenous fecal phosphorus. (Ger) Vemmer, H *Z Tierphysiol Tierernahr Futtermittelkunde* 31 (3): 159-164. Eng. Sum. Apr 1973

064566 410 Z35
Social dominance & reproductive performance in laboratory mice. Levick, J *Z Tierpsychol* 32 (2): 147-152. Mar 1973

064567 410 Z35
Animal acoustic signals & human cries in their significance for relationship between Lapland reindeer (rangifer tarandus L.) & herdsmen. (Fre) Pelosse, J L *Z Tierpsychol* 32 (2): 199-208. Ref. Eng. Sum. Mar 1973

064568 410 Z36
Newly born pigs as experimental animals. II. Glucose in blood under cold condition. (Ger) Herbst, H G *Z Versuchstierkunde* 15 (2/3) 65-82. Ref. Eng. Sum. 1973

064569 41.8 Z5
Hypocalcemic effect of protamine in goats & sheep. Luthman, J *Zentralbl Veterinarmed Reihe A* 20 (2): 110-115. Ref. Mar 1973

064570 41.8 Z5
Changes in leucocyte distribution associated with age in thoroughbred horses. Medeiros, L O *Zentralbl Veterinarmed Reihe A* 20 (2): 166-171. Ref. Mar 1973

064571 41.8 Z5
Morphology of post-embryonic bursa of Fabricius after hormonal bursectomy. [Chicks]. (Ger) Hoffmann-fezer, G *Zentralbl Veterinarmed Reihe A* 20 A (1): 23-33. Ref. Eng. Sum. Jan 1973

064572 41.8 Z5
Fine structure of eosinophilis in domestic duck (Anas platyrhybchos dom.). (Ger) Enbergs, H *Zentralbl Veterinarmed Reihe A* 20 A (1): 47-55. Ref. Eng. Sum. Jan 1973

064573 41.8 Z5
In vitro studies on secretion of amino acids in rumen. [Cattle]. (Ger) Harmeyer, J *Zentralbl Veterinarmed Reihe A* 20 A (1): 67-76. Ref. Eng. Sum. Jan 1973

064574 49 Z65
Resorption of non-replaceable amino acids in swine. (Bul) Lazarov, I *Zhivotnovudni Nauk* 10 (1): 71-75. Ref. 1973

064575 49 Z65
In vitro hydrocortisone catabolism in pig liver. (Bul) Madzharov, I *Zhivotnovudni Nauk* 10 (1): 77-80. Eng. Sum. 1973

064576 49 Z62
Industrial animal husbandry & some achievements of physiology & biochemistry. (Bul) Ivanov, N *Zhivotnovudstvo* 26 (7): 20-23 July 1972

064577 49 Z62
Feeding, growth & main properties of fine wool. (Bul) Stoianov, A *Zhivotnovudstvo* 26 (7): 40-44. July 1972

064578 49.9 C33
Telemetrical examination of respiration rate of cows with different life manifestations. (Cze) Kovalcik, K *Zivocisna Vyroba* 17 (12): 873-881. Ref. Eng. Sum. Dec 1972

064579 49.9 C33
Activity of eserine-resistant esterase of blood serum in White Leghorn & Rhode Island hens. (Cze) Muzikantova, J *Zivocisna Vyroba* 17 (12): 927-930. Ref. Eng. Sum. Dec 1972

064580 49.9 C33
Use of growth equations in cattle for large-scale production management. (Cze) Koubek, K *Zivocisna Vyroba* 17 (9): 651-661. Eng. Sum. Sept 1972

064581 QL1.Z62
Rhythms of activity of wild rabbit & Mongolian gerbil. (Fre) Nelissen, M *Zoo Anvers* 38 (3): 150-157. Ref. Jan 1973

064582 QL336.Z6
Social behaviour of African Equidae. Klingel, H *Zool Afr* 7 (1): 175-185. Ref. Nov 1972

064583 410 R92
Law of reciprocal connection & dependence of speciation of animals with size of body, brain & energy of physiological processes. 2. A possibility to determine & predict unknown properties & functions of anatomical-phy (Rus) Strel'nikov, I D *Zool Zh* 52 (3): 317-331. Ref. Eng. Sum. Mar 1973

064584 SF105.A1Z8
Electrical conductivity of vaginal mucous membrane of pig. (Ger) Pfandler, L *Zuchthygiene* 7: 179-185. Eng. Sum. Dec 1972

LIVESTOCK FEEDING

064585 11 AC82
Method studies relating to digestibility trials with ruminants. Frederiksen, J H *Acta Agr Scand* 23 (1): 17-33. Ref. 1973

064586 11 AC82
Availability of energy to sheep from artificially dried grass at progressive growth stages. Joshi, D C *Acta Agr Scand* 23 (1): 5-10. Ref. 1973

064587 19 AC8
Effect of chemical composition & availability of nutrients in forage (Panicum purpurascens Raddi), on meat production of livestock. [Beef cattle]. (Spa) Velez A, C A *Acta Agron (Budapest)* 22 (2): 11-25. Ref. Eng. Sum. 1972

064588 SF604.B7
Detection of coumestrol in sperm of rabbits after alfalfa feeding. Standara, S *Acta Vet (brno)* 41 (3): 251-255. Ref. 1972

064589 SF604.B7
Utilization of phosphorus from certain phosphorus compounds in pigs after endogenous phosphorus determination by means of 32P. Cupak, M *Acta Vet (brno)* 41 (3): 257-262. 1972

064590 SF604.B7
Utilization & distribution of phosphorus after peroral administration of 32P-labelled phosphorus compounds in pigs. Prochazka, Z *Acta Vet (brno)* 41 (3): 263-270. Ref. 1972

064591 SF1.A2
Research of possibility to replace milk fat, in nutrition of calves, by lard at dissimilar levels of milk proteins. (Slo) Medvecky, D *Acta Zootech* 23: 117-129. Eng. Sum. 1972

064592 SF1.A2
Regeneration of calcium metabolism in chickens of different ages, after hypocalcemic nutrition. (Slo) Pjescak, M *Acta Zootech* 23: 157-166. Eng. Sum. 1972

064593 SF1.A2
Influence of various contents of Calcium in mixed feed for laying hens, upon its utilization during period of laying. (Slo) Kovac, M *Acta Zootech* 23: 167-179. Ref. Eng. Sum. 1972

064594 256.13 AG82M
Early turnout pays milk producer. [Grasses, grazing]. Hunter, B *Agric North Irel* 47 (11): 370-371. Mar 1973

064595 256.13 AG82M
Milk production from grazed grass. [Cattle]. Dawson, R R *Agric North Irel* 47 (12): 410-411. Apr 1973

064596 256.13 AG82M
Paddocks for beef. [Cattle, grazing]. McFetridge, W A *Agric North Irel* 47 (12): 412-415. Apr 1973

064597 14 AG823
Liquid or granulated feed complements for livestock. (Fre) Pontailler, S *Agric Rev Men Tech Econ* 363: 71. Mar 1973

064598 4 AM34P
Laborartory evaluation of qaulity in subtropical grasses: iI. Genetic variation among Hemarthrias [Altissima] in in vitro digestion & stem morphology. Schank, S C *Agron J* 65 (2): 256-258. Ref. Mar/Apr 1973

064599 100 AL1S (1)
Supplementing coastal bermudagrass hay for lactating dairy cows. [Cynodon dactylon]. Rollins, G H *Ala Agr Exp Sta Bull* 443, 23 P. Ref. Mar 1973

064600 389.78 AL4
Chemical composition, 'in vitro' digestibility & nutritive value of corn & cobs with & without husks, fresh or ensiled. (Ita) Sottini, E *Aliment Anim* 16 (2): 67-76. Eng. Sum. Mar/Apr 1972

064601 389.9 SO1B
Practice & dynamics of formulation in animal nutrition. (Fre) Martin, A *Aliment Vie* 60 (1): 53-64. 1972

064602 49 AL57
New feeding methods for dairy cattle. (Hun) Balika, S *Allattenyesztes* 22 (1): 53-63. Eng. Sum. 1973

064603 49 AL57
Obervations & suggestions for supply of milking cows with dry matter & ballast, with special reference to industrial-like cow management. (Hun) Herold, I *Allattenyesztes* 22 (1): 65-759 eng. Sum. 1973

064604 49 AL57
Study of effect of uniform year round feeding on industrial-like dairy farms. (Hun) Mentler, L *Allattenyesztes* 22 (1): 77-879 eng. Sum. 1973

064605 290.9 AM32T
In vitro digestibility of barley straw treated with sodium hydroxide. Phoenix, S L *Amer Soc Agr Eng Trans ASae* 15 (6): 1091-1093. Nov/Dec 1972

064606 41.9 C67
Dietetics of man through animal nutrition. (Spa) Ferrando, R *An Col Ofic Vet Prov (barcelona)* 30 (342): 3-19. Ref. Jan 1973

064607 41.9 C67
Antibiotics in animal nutrition: Residues in muscle tissue. [Rabbits]. (Spa) Costa Batllori, D P *An Col Ofic Vet Prov (barcelona)* 30 (343): 43-55. Ref. Feb 1973

064608 49 C43
Raising & fattening of beef cattle. 8. (Jap) Namikawa, K *Anim Husb (tokyo)* 27 (4): 103-106. Apr 1973

064609 49 C43
Feeding value & uses of food waste by-products for dairy cow. 11. (Jap) Sutoh, H *Anim Husb (tokyo)* 27 (4): 107-110. Apr 1973

064610 49 C43
Effect of restricted feeding on laying hen. (Jap) Sakaida, T *Anim Husb (tokyo)* 27 (4): 51056. Apr 1973

064611 49 C43
Use of antibiotics as feed additives in swine fatteing experiments. (Jap) Seino, F *Anim Husb (tokyo)* 27 (4): 79-80. Apr 1973

064612 49 C43
Design of experiments in animal husbandry. 20. Feeding. (Jap) Yoshida, M *Anim Husb (tokyo)* 27 (4): 95-98. Apr 1973

064613 49 C43
Feeds & nutrition. 23. (Jap) Nakamura, R *Anim Husb (tokyo)* 27 (4): 99-102. Apr 1973

064614 49 AN55
Nutrition of artificially reared lambs. 3. effect of sex on performance & carcass composition of lambs subjected to different nutritional treatments. Morgan, J A *Anim Prod* 16 (1): 49-57. Ref. Feb 1973

064615 49 AN55
An evaluation of micronization process for preparing cereals for growing pig. 2. Effects on growth rate, food conversion efficiency & carcass characteristics. Lawrence, T L J *Anim Prod* 16 (2): 109-116. Apr 1973

064616 49 AN55
Effect of level & pattern of energy intake during late pregnancy on performance of housed Scottish Blackface ewes. McClelland, T H *Anim Prod* 16 (2): 165-171. Ref. Apr 1973

064617 49 AN55
Utilization by beef cattle of a cereal supplement given in liquid suspension or in dry form. Renton, A R *Anim Prod* 16 (2): 173-177. Apr 1973

064618 49 AN55
Changes in plasma & milk tocopherol levels in beef cattle turned out to pasture. Hidiroglou, M *Anim Prod* 16 (2): 179-183. Ref. Apr 1973

064619 49 AN55
Ammonium salts of fatty acids for milk production. 3. effect of a salt solution containing ammonium acetate on milk yield & composition in Jersey cows fed on a high concentrate diet. Khalifa, H A *Anim Prod* 16 (2): 185-193. Ref. Apr 1973

064620 49 AN55
Roughage requirement of early-weaned calf. Kang, H S *Anim Prod* 16 (2): 195-203. Ref. Apr 1973

064621 49 AN55
A note on effects of changing concentration of protein in diet offered to fattening beef cattle. Kay, M *Anim Prod* 16 (2): 205-207. Apr 1973

064622 49 AN55
An evaluation of micronization process for preparing cereals for growing pig. 1. Effects on digestibility & nitrogen retention. Lawrence, T L J *Anim Prod* 16 (2): 99-107. Ref. Apr 1973

064623 442.8 AN75
Variations during day in concentrations of free amino acids in muscle of chickens fed for a restricted period. Influence of dietary lysine. (Fre) Larbier, M *Ann Biol Anim Biochim Biophys* 12 (4): 637-646. Ref. Eng. Sum. 1972

064624 442.8 AN75
Effect of supplementing diet with increasing amounts of DL-methionine on free amino acid content in egg yolk. [Laying hens]. (Fre) Larbier, M *Ann Biol Anim Biochim Biophys* 12 (4): 647-659. Eng. Sum. 1972

064625 442.8 AN75
Changes in carbohydrate composition of rumen's microbial population following feeding in relation to dietary content of carbohydrates. I. Protozoa. [Cattle]. (Fre) Jouany, J P *Ann Biol Anim Biochim Biophys* 12 (4): 673-677. Ref. Eng. Sum. 1972

064626 442.8 AN75
Changes in carbohydrate of rumen's microbial population following feeding in relation to dietary content of carbohydrates. II. Bacteria. [Cattle]. (Fre) Jouany, J P *Ann Biol Anim Biochim Biophys* 12 (4): 679-683. Ref. Eng. Sum. 1972

064627 389.8 AN73
Nitrogen & amino acids levels in coecotrophes & other feces of rabbits with or without antibiotics in their diets. (Fre) Ferrando, R *Ann Nutr Aliment* 16 (5): 189-196. Eng. Sum. 1972

064628 389.8 AR22
Chemical composition, amino acid content & biological quality of opaque-2 corn. [Feed, human nutrition]. (Spa) Yanez, E *Arch Latinoamer Nutr* 23 (1): 113-121. Ref. Eng. Sum. Mar 1973

064629 41.8 L49
Food hygienic aspects with application of estrogens in fattening of livestock. (Ger) Karg, H *Arch Lebensm-hyg* 24 (4): 77-83. Ref. Eng. Sum. Apr 1973

064630 389.78 AR22
Investigations studying effect of variations in consistence of a type of pig starter meal upon live weight gains, food consumption & food efficiency, nutrient uptake & nutrient efficiency. (Ger) Jung, H *Arch Tierernahr* 22 (5): 315-322. Ref. Eng. Sum. Aug 1972

064631 389.78 AR22
In vivo turnover & synthesis of proteins from urea or mixtures of urea acetamide, urea acetyl urea or urea acetyl urea ammonium hydrogen carbonate in sheep. 4. Formation of free fatty acids. (Ger) Bergner, H *Arch Tierernahr* 22 (8): 501-507. Eng. Sum. Oct 1972

064632 389.78 AR22
Studies on lactating ruminants using labelled urea. 2. Distribution of nitrogen 15 in body of goats, in contents of stomach & intestines, & total 15N balances estimated at various times after 15N (Ger) Hennig, A *Arch Tierernahr* 22 (8): 509-520. Ref. Eng. Sum. Oct 1972

064633 389.78 AR22
Effect of a sudden administration of NPN compounds fed in place of extracted soya bean meal on composition of ruminal contents & on milk yields of dairy cows. (Ger) Piatkowski, B *Arch Tierernahr* 22 (8): 521-528. Ref. Eng. Sum. Oct 1972

064634 389.78 AR22
Conditions of hydrolysis as affecting results of microbiological assays of cystine in feedstuffs. [Leuconostoc mesenteroides]. (Ger) Wunsche, J *Arch Tierernahr* 22 (8): 533-541. Ref. Eng. Sum. Oct 1972

064635 389.78 AR22
Influence of set of amino acids contained in casein, extracted soya bean meal, horse beans & wheat gluten on content of free lysine, arginine, histidine, threonine, serine, methionine & cystine in blood plasm (Ger) Gruhn, K *Arch Tierernahr* 22 (8): 543-553. Ref. Eng. Sum. Oct 1972

064636 389.78 AR22
Utilization of dietary energy in laying hens. (Ger) Hoffmann, L *Arch Tierernahr* 23 (2): 105-132. Ref. Eng. Sum. Mar 1973

064637 389.78 AR22
Acetyl urea, acetamide & mixtures of these compounds used as NPN sources under inVitro conditions. 2. Synthesis of proteins & fatty acids after donor animals (rumen-fluid) adaptation to urea. [Sheep]. (Ger) Munchow, H *Arch Tierernahr* 23 (2): 133-142. Eng. Sum. Mar 1973

064638 389.78 AR22
Effect of insulin on body composition, rate of weight gains & concentration of plasma corticosterone of rats fed proteins of varying quality. (Ger) Schulke, B *Arch Tierernahr* 23 (2): 149-155. Ref. Eng. Sum. Mar 1973

064639 389.78 AR22
Studies on feeding of extracted rape seed meal to monogastric animals. 1. Extracted rape seed meal as affecting invivo deidation rate of 131Iodine Rose bengale & rate of 131Iodine incorporation in thy (Ger) Simon, O *Arch Tierernahr* 23 (2): 157-164. Eng. Sum. Mar 1973

064640 49 AR22
Mediterranean shrubby vegetation & its valoration. I. An experince about feeding habits of goats. (Spa) Zamora Lozano, M *Arch Zootec* 21 (84): 319-333. Ref. Eng. Sum. 1972

064641 49 AR22
Safflower in animal feeding. V. Study of th efficacy of safflower seed meal in rations for growing lambs. (Spa) Tirado Serrano, J *Arch Zootec* 21 (84): 343-367. Ref. Eng. Sum. 1972

064642 100 AR42F
Feeding laying hens cooked soybeans. Waldroup, P W *Ark Farm Res* 22 (2): 8. Mar/Apr 1973

064643 23 AU792
Production feeding of lambs with diets based on grain. I. Whole wheat plus sodium buffers or sodium chloride. Saville, D G *Australian J Exp Agr Anim Husb* 13 (60): 22-26. Ref. Feb 1973

064644 23 AU792
Drought feeding of sheep. 3. relative importance of components of wool growth in explaining wool growth differences between strains & diets. Saville, D G *Australian J Exp Agr Anim Husb* 13 (60): 27-34. Ref. Feb 1973

064645 23 AU792
Decorticated safflower meal as a protein supplement for sorghum & what based pig diets. Williams, K C *Australian J Exp Agr Anim Husb* 13 (60): 48-55. Ref. Feb 1973

064646 23 AU792
Roughage requirement of early weaned calves. Kellaway, R C *Australian J Exp Agr Anim Husb* 13 (60): 9-12. Ref. Feb 1973

064647 9.2 C34
Nutritional requirements of chickens & turkeys. (Por) Scott, M L *Avic Ind* 63 (756): 6, 8, 10-14. Dec 1972

064648 SF191.K4
Beef: feeding & management of beef female. Absher, C *ASC Dep Anim Sci Univ Ky Coop Ext Serv* 8, 4 P. June 1972

064649 41.8 B45
Influence of temperature & time on nutrients & active-substance contents of experimental animal diets during steam sterilization. (Ger) Udes, H *Berliner Munchener Tierarztl Wochenschr* 86 (7): 130-134. Ref. Eng. Sum. Apr 1, 1973

064650 281.8 B462
Starting & finishing weight in swine fattening. (Ger) Ewers, E *Betriebswirtsch Mitt Wirtschaftsberater* 215: 33-35. Feb 1973

064651 60.19 B773
Growth of beef cattle fed on maize silage supplemented with dried lucerne, fishmeal or urea. Wilkinson, J M *Brit Grassland Soc J* 28 (1): 13-19. Ref. Mar 1973

064652 60.19 B773
A comparison between a paddock system & a 'Wye College' system of grazing for milk production. Castle, M E *Brit Grassland Soc J* 28 (1): 7-11. Mar 1973

064653 41.8 C163
Rapeseed meal versus soybean meal as only protein supplement for lactating cows fed corn silage roughage rations. Waldern, D E *Can J Anim Sci* 53 (1): 107-112. Ref. Mar 1973

064654 41.8 C163
Influence of level of copper supplement & removal of supplemental copper from diet on performance of growing-finishing pigs & accumulation of copper in liver. Elliot, J I *Can J Anim Sci* 53 (1): 133-138. Ref. Mar 1973

064655 41.8 C163
Effects of level of copper supplement & removal of supplemental copper from diet on physical & chemical characteristics of porcine depot fat. Amer, M A *Can J Anim Sci* 53 (1): 139-145. Ref. Mar 1973

064656 41.8 C163
Effects of supplemental dietary copper on glyceride distribution in backfat of pigs. Amer, M A *Can J Anim Sci* 53 (1): 147-152. Ref. Mar 1973

064657 41.8 C163
Nutritive value of air-classified rapeseed fractions. Leslie, A J *Can J Anim Sci* 53 (1): 153-156. Mar 1973

064658 41.8 C163
Effects of frequency of feeding on energy metabolism & body composition of young pigs. Sharma, V D *Can J Anim Sci* 53 (1): 157-164. Ref. Mar 1973

064659 41.8 C163
Effects of orotic acid on development of vitamin E deficiency in rats. Cook, A H *Can J Anim Sci* 53 (1): 165-167. Mar 1973

064660 41.8 C163
Formation of siliceous urinary calculi in calves given supplements containing large amounts of sodium chloride. Bailey, C B *Can J Anim Sci* 53 (1): 55-60. Mar 1973

064661 41.8 C163
Influence of particle size of concentrate on rumen conditions associated with feedlot bloat. Hironaka, R *Can J Anim Sci* 53 (1): 75-80. Ref. Mar 1973

064662 41.8 C163
Influence of energy source & physical form of all-concentrate rations on early weaned lambs. Tait, R M *Can J Anim Sci* 53 (1): 89-94. Ref. Mar 1973

064663 41.8 C162
Effect of dietary crude protein level on intestinal & cecal coccidiosis in chicken. Sharma, V D *Can J Comp Med* 37 (2): 195-199. Ref. Apr 1973

064664 450 C16
Nutritive potential of multitellering corn compared with nontillering corn for silage. Freyman, S *Can J Plant Sci* 53 (1): 129-130. Ref. Jan 1973

064665 100 C71C
Diets of elk, deer, & cattle near Fort Garland, Colorado. Reid, L D *Colo Agr Exp Sta Progr Rep Pr* 73-34, 2 P. Apr 1973

064666 SF191.D3
Poultry wastes can be fed to dairy cattle, British trials show. *Dairy Herd Manage* 10 (4): 52. Apr 1973

064667 HD9437.D4D3
Chalk or oyster shell for hens. [Feed]. (Dan) Neilsen, K J *Dan Erhvervsfjerkrae* 2 (2): 42-43. Jan 15, 1973

064668 HD9437.D4D3
Can we economize on feed for laying hens? (Dan) Jorgensen, H *Dan Erhvervsfjerkrae* 2 (6): 134-135. Mar 15, 1973

064669 298.8 SU2
Recognition of mistakes in feeding techniques & damages caused by feed in livestock nutrition. (Ger) Tievs, J *Deut Muller-zeitung* 71 (6): 102-106. Mar 22, 1973

064670 298.8 SU2
Economical significance of growth hormones in livestock feeding. (Ger) Muller, C *Deut Muller-zeitung* 71 (6): 99-100. Ref. Mar 22, 1973

064671 HD1970.A1E2
Limited reports on milk production & fertility. [Dairy cattle, feeding]. (Ita) Lai, P *Econ Mont* 4 (33): 221-222. Aug 1972

064672 49 B462
In Southwest: One calf in three fattened in batteries. (Fre) Commere, M *Elevage* 16: 89, 91. Map. Mar 1973

064673 10 EX7
Conditioning dairy cows to eat tainted grass. Smith, P *Exp Husb* 23: 37-42. 1973

064674 57.8 F413
Rapeseed meal & rapeseed for pigs. *Feed Farm Supplies* 70 (3): 4, 6, 16. Mar 1973

064675 18 W763
Fodder-most urgent demand. [Cattle, sheep]. (Ger) Lange, E *Feldwirtschaft* 13 (11): 485-486. Nov 1972

064676 18 W763
Fodder production & demand-oriented supply of coarse fodder & concentrates to large livestock amounts. Depending on grassland acreage. [Dairy cattle]. (Ger) Leipnitz, W *Feldwirtschaft* 13 (11): 487-488. Nov 1972

064677 18 W763
Recent results in developing straw pelletisation. [Feed, cattle]. (Ger) Bergner, H *Feldwirtschaft* 13 (11): 490-492. Nov 1972

064678 18 W763
Experinece in production & feeding of straw pellets. [Cattle]. (Ger) Ulrich, H *Feldwirtschaft* 13 (11): 492-493. Nov 1972

064679 18 W763
Effect of cutting deadlines on feed value of coarse feeds from crop fields. (Ger) Luddecke, F *Feldwirtschaft* 13 (11): 501-503. Nov 1972

064680 18 W763
Recommendations for quantitative & qualitative ensilage accounting. (Ger) Ahlswede, V *Feldwirtschaft* 13 (11): 510-511. Nov 1972

064681 43.8 F66
Mature judgment based on fact is needed in today's industry. [Feed additives, residues]. Cunha, T J *Fla Cattleman Livestock J* 37 (8): 25, 27. Mar 1973

064682 43.8 F66
Calf feeding in Florida can pay. Chapman, H L *Fla Cattleman Livestock J* 37 (8): 36-37. May 1973

064683 41.8 F712
Effect of feeding high doses of urea on tissue & plasmatic protein content of meat of oxen. (Slo) Balaz, J *Folia Vet* 16 (3/4): 205-209. Eng. Sum. 1972

064684 41.8 F712
Relation of E vitamin level in liver of chicks to encephalomalacia of nutritional origin. Lazar, J *Folia Vet* 16 (3/4): 25-31. Ref. 1972

064685 14 F844B
Can one have an intensive milk production only with permanent pasture? [Cattle]. (Fre) Combe, P *France Min Agr Bull Tech Inform* 276: 3-19. Map. Jan 1973

064686 14 F844B
Broadbeans (Vicia faba L) in nutrition of poultry. (Fre) Guillaume, J *France Min Agr Bull Tech Inform* 277: 103-110. Ref. Feb 1973

064687 HD1927.G7
Feed additives for pgis. Mudd, A J *G B Agric Dev Advis Serv A.d.a.s. Q Rev* 8: 145-156. Ref. Spring 1973

064688 307.8 G76
Degossypolisation of cottonseed meal. III. Chemical & nutritional evaluation of ammonia & ferrous sulphate treated cottonseed meal. [Chicks, feeding]. El-Nochrashy, A S *Grasas Aceites* 23 (6): 427-431. Ref. Nov/Dec 1972

064689 389.78 G98
Use of concentrated feed in Austrian livestock production. (Ger) Turek, F *Gute Rat Futterungsfragen* 11 (6/7): 2-7. Nov/Dec 1972

064690 389.78 G98
Disorders in liquid feeding in pig house. (Ger) Tschiderer, K *Gute Rat Futterungsfragen* 11 (6/7): 7-8. Nov/Dec 1972

064691 SF95.H3
Maintenance. [Livestock, feeding]. Aren, I *Handb Tierernahr* 2: 1-54. Ref. 1972

064692 SF95.H3
Intra uterine nutrition. (Ger) Paufler, S *Handb Tierernahr* 2: 103-114. Ref. 1972

064693 SF95.H3
Energy & nutrient requirements for pregnancy. Lodge, G A *Handb Tierernahr* 2: 157-189. Ref. 1972

064694 SF95.H3
Protein requirements of cows for lactation. Broster, W H *Handb Tierernahr* 2: 292-322. Ref. 1972

064695 SF95.H3
Protein requirements of mares for lactation. Broster, W H *Handb Tierernahr* 2: 323-329. Ref. 1972

064696 SF95.H3
Protein requirements of sows for lactation. Elsley, F W H *Handb Tierernahr* 2: 330-340. Ref. 1972

064697 SF95.H3
Energy requirements in lactation. Flatt, W P *Handb Tierernahr* 2: 341-392. Ref. 1972

064698 SF95.H3
Energy requirement of sows for lactation. (Ger) Gutte, J O *Handb Tierernahr* 2: 393-398. Ref. 1972

064699 SF95.H3
Energy requirement of mares for lactation. (Ger) Gutte, J O *Handb Tierernahr* 2: 399-406. Ref. 1972

064700 SF95.H3
Mineral requirement in lactation. (Ger) Pfeffer, E *Handb Tierernahr* 2: 407-415. Ref. 1972

064701 SF95.H3
Vitamin supply during lactation. (Ger) Gunther, K D *Handb Tierernahr* 2: 416-437. Ref. 1972

064702 SF95.H3
Protein requirements of growing animals. Kielanowski, J *Handb Tierernahr* 2: 528-546. Ref. 1972

064703 SF95.H3
Energy requirements for growth. [Livestock]. Breirem, K *Handb Tierernahr* 2: 547-584. Ref. 1972

064704 SF95.H3
Mineral requirement of growing animals. (Ger) Brune, H *Handb Tierernahr* 2: 585-592. Ref. 1972

064705 SF95.H3
Vitamin requirement of growing animal. (Ger) Menke, K H *Handb Tierernahr* 2: 593-605. Ref. 1972

064706 SF15.S7H4
A program of high energy feeding for dairy cows. (Spa) Castell, R *Hens, Rev Tec Ganad* 13 (144): 6-7. Oct 1972

064707 100 AL1H
Ration fed to cows affects horn flies.[Haematobia irritans]. Bourne, J R *Highlights Agr Res (ala Sta)* 20 (1): Spring 1973

064708 44.8 H65
You can get more milk from pastures. [Grazing]. Blaser, R E *Hoards Dairyman* 118 (8): 547, 579. Apr 25, 1973

064709 107.6 H68
Studies on grazing & grassland management of beef cattle. 2. Difference in gain weights between top-grazing & bottom-grazing. (Jap) Hayakawa, Y *Hokkaido Nat Agr Exp Sta Res Bull* 103: 23-30. Eng. Sum. Nov 1972

064710 107.6 H68
Studies on grazing & grassland management of beef cattle. 3. Effects of pasture type & management on productivity of beef cattle & dairy cow. (Jap) Hayakawa, Y *Hokkaido Nat Agr Exp Sta Res Bull* 103: 31-40. Eng. Sum. Nov 1972

064711 107.6 H68
Effect of different planes of nutrition during growth on productivity of Holstein cows. 1. Growth to 18 months of age for two groups of calving at same months of age. (Jap) Okamoto, S *Hokkaido Nat Agr Exp Sta Res Bull* 103: 41-55. Ref. Eng. Sum. Nov 1972

064712 107.6 H68
Studies on rearing method of dairy cattle in relation to plane of nutrition & compensatory growth. 2. Influence of feed restriction & subsequent re-alimentation on weight & proportio (Jap) Imaizumi, E *Hokkaido Nat Agr Exp Sta Res Bull* 103: 57-68. Eng. Sum. Nov 1972

064713 S15.I592
Nutritive value of oat silage (Avena sativa L.). [Sheep]. (Spa) Zapata A, O *Ica Rev (Inst Colomb Agropecuar)* 7 (1): 41-48. Eng. Sum. Mar 1972

064714 275.29 ID13IDC
00 Feb 1973. Duren, E *Idaho Univ Ext Idaho Curr Inform Ser* 198, 4 P. Feb 1973

064715 HD2042.A1I4
Optimum utilization & distribution of feeds during winter. (Bul) Nikolov, N *Ikon Sel Stop* 9 (8): 59-71 1972

064716 SB112.V6
Current status & prospects for organizing feed production & feeding of sheep in irrigated areas of Volga region. (Rus) Karpova, O S *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 333-339. 1972

064717 SB112.V6
Feeding dairy cattle in lower Volga region. (Rus) Kulikov, V M *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 326-333. 1972

064718 SB112.V6
Means of improving cattle feeding in arid Volga region. (Rus) Dmitrochenko, A P *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 310-315. 1972

064719 SF1.I4
Studies on effect of addition of reserpine in ration of chicks. Sinha, A *Indian J Anim Health* 11 (2): 147-150. Dec 1972

064720 SF1.I4
A comparative study on rice polishing & wheat dust as a source of energy in chick rations. Malik, N S *Indian J Anim Health* 11 (2): 163-167. Dec 1972

064721 389.78 IN2
Utilization in livestock diets of foods of plant origin whose energy or protein value has been improved by geneic means. II. (Fre) Delage, J *Indus Aliment Anim* 1: 13-41 (29 P. Not Consecutive) ref. 1973

064722 389.78 IN2
Data on nutrition of Salmonidae. (Fre) Luquet, P *Indus Aliment Anim* 2: 7, 9, 11, 13, 16-17, 19, 21, 23, 26-27, 29. 1973

064723 20 M57AG
Data processing in optimal feed rationing for cattle. (Ger) Nowikow, D G *Int Z Landwirt* 1: 67-69. 1973

064724 22 IN8
Give your calves a good start. [Feeding]. Nair, C N R *Intensive Agr* 10 (10):20-22. Dec 1972

064725 10 J822
Apparent digestibility of maize grain when given in various physical forms to adult sheep & cattle. Wilson, G F *J Agr Sci (London)* 80 (2): 259-267. Ref. Apr 1973

064726 10 J822
Studies on forage cell walls. I. Prediction of feed intake. [Sheep]. McManus, W R *J Agr Sci (London)* 80 (2): 283-296. Ref. Apr 1973

064727 10 J822
Effects of red clover (Trifolium pratense var. Redhead), white clover (Trifoloium repens var. S 100) or perennial ryegrass (Lolium perenne var. S 23) on reproductive performance of sheep. Newton, J E *J Agr Sci (London)* 80 (2): 323-327. Ref. Apr 1973

064728 S19.J62
Comparative value of various formula feeds in broilers. Khan, M A *J Agric Res* 10 (3): 197-206. Sept 1972

064729 49 J823
Effect of feed restriction on laying house performance of Fayoumi chicks. Hakim, N F A *J Anim Prod United Arab Repub* 12 (1): 29-38. Ref. 1972

064730 49 J823
Restricted feeding of broiler type replacement stock. Attia, F M *J Anim Prod United Arab Repub* 12 (1): 39-49. Ref. 1972

064731 49 J82
Effect of diet & breed on fatty acid composition of porcine adipose tissue. Villegas, F J *J Anim Sci* 36 (4): 663-668. Ref. Apr 1973

064732 49 J82
Apparent digestibility of phosphorus in sorghum grain & soybean meal for growing swine. Tonroy, B *J Anim Sci* 36 (4): 669-673. Ref. Apr 1973

064733 49 J82
Leucine-isoleucine interrelationship in young pig. Oestemer, G A *J Anim Sci* 36 (4): 674-678. Ref. Apr 1973

064734 49 J82
Reevaluation of isoleucine requirement of young pig. Oestemer, G A *J Anim Sci* 36 (4): 679-683. Ref. Apr 1973

064735 49 J82
Zeranol & dietary protein level effects on live performance, carcass merit, certain endocrine factors & blood metabolite levels of steers. Borger, M L *J Anim Sci* 36 (4): 706-711. Ref. Apr 1973

064736 49 J82
Zeranol & dietary protein level effects on DNA, RNA & protein composition of three muscles & relationship to serum insulin & GH levels of steers. Borger, M L *J Anim Sci* 36 (4): 712-715. Ref. Apr 1973

064737 49 J82
Quality of diets selected by grazing animals & its relation to quality of available forage & species composition of pastures. [Cattle]. Coleman, S W *J Anim Sci* 36 (4): 754-761. Ref. Apr 1973

064738 49 J82
Effect of lignin on in vitro digestibility of wood pulp. Baker, A J *J Anim Sci* 36 (4): 768-771. Ref. Apr 1973

064739 49 J82
Influence of concentration of dietary energy on protein needs of growing-finishing cattle. Peterson, L A *J Anim Sci* 36 (4): 772-781. Ref. Apr 1973

064740 49 J82
Protein concentration & sources for finishing ruminants fed high-concentrate diets. [Cattle, lambs]. Braman, W L *J Anim Sci* 36 (4): 782-787. Ref. Apr 1973

064741 49 J82
Estimated digestibility of some southern browse tissues. [Goats]. Short, H L *J Anim Sci* 36 (4): 792-796. Ref. Apr 1973

064742 49 J82
Performance & plasma amino acids of steers fed soybean meal, urea or no supplemental nitrogen in finishing rations. Young, A W *J Anim Sci* 36 (4): 803-808. Ref. Apr 1973

064743 44.8 J822
Response of dairy cows to two systems of distributing annual total digestible nutrients over lactation cycle. Davenport, D G *J Dairy Sci* 56 (4): 465-472. Apr 1973

064744 21.5 Y9AE
Influence of adding zinc to calf starters. Cobic, T *J Sci Agr Res* 24 (88): 19-30. Ref. 1971 Translated 1972

064745 382 SO12
Flavour studies with fish meals & with fish oil fractions in broiler diets. Wessels, J P H *J Sci Food Agr* 24 (4): 451-461. Ref. Apr 1973

064746 382 SO12
Symposium on Processing Raw Materials to Improve their Nutritive Value as Animal Feeds. Burt, A W A *J Sci Food Agr* 24 (4): 493-497. Apr 1973

064747 385 K524
Effect of corn preserved with ammonium chloride on productivity & health of lactating cows. (Rus) Shmanenkov, N A *Khim Sel'skom Khoz* 10 (10): 68-70. 1972

064748 385 K524
Carbohydrate metabolism in sheep organism when synthtic nitrogenous substances are included in feed ration. (Rus) Aliev, A A *Khim Sel'skom Khoz* 10 (10): 71-74. 1972

064749 385 K524
Use of feed phosphates with different amounts of fluorine in rations of high-yield cows. (Rus) Bogdanov, G A *Khim Sel'skom Khoz* 11 (1): 54-56. Ref. 1973

064750 385 K524
Use of ammonium salts in feeding chicks raised for meat. (Rus) Kosharov, A N *Khim Sel'skom Khoz* 11 (2): 55-58. Ref. 1973

064751 41.8 K67
Feeding Beagle puppies with Welpi-lac. (Ger) Meier, K U *Kleintier – praxis* 18 (8): 32-36, 38-39. Ref. Eng. Sum. Mar 1973

064752 389.78 K85
Use of pancreatin in poultry fattening. (Ger) Dunkenberger, J *Kraftfutter* 55 (11): 621-622. Nov 1972

064753 389.78 K85
Significance of essential fatty acids, especially of linoleic acid in poultry feeding. (Ger) Hartel, H *Kraftfutter* 55 (11): 623-625. (Continued) Nov 1972

064754 389.78 K85
Milk substitutes with different fat content in lamb rearing. (Ger) Schlolaut, W *Kraftfutter* 55 (11): 626-627. Nov 1972

064755 389.78 K85
Influence of various protein concentrations in feed on anabolic effects of zeranol. [Cattle]. (Ger) Delberg, H *Kraftfutter* 55 (11): 628, 633. Nov 1972

064756 389.78 K85
Hostaphos (R) – an addition to modern mineral supply for high performance livestock. (Ger) Rosin, G *Kraftfutter* 55 (11): 634-636. Nov 1972

064757 389.78 K85
More corn, grain & mixed feed in livestock barns: situation report from rhineland. (Ger) Coenen, J *Kraftfutter* 55 (12): 684-686. Dec 1972

064758 389.78 K85
Better feed for livestock with performance; situation report from North Rhine Westphalia. (Ger) Buenfeld, V *Kraftfutter* 55 (12): 688. Dec 1972

064759 389.78 K85
Significance of essential fatty acids, especially of linolic acid in poultry nutrition. (Ger) Hartel, H *Kraftfutter* 55 (12): 693-696, 701-704. Eng. Sum. Dec 1972

064760 389.78 K85
On way to milk protein substitutes. [Calves, feeding). (Ger) Munchen, J G *Kraftfutter* 55 (6): 294-296, 298, 300. Eng. Sum. June 1972

064761 389.78 K85
Use of protein hydrolysates from slaughter wastes for calf fattening. (Ger) Burgstaller, G *Kraftfutter* 55 (6): 300, 302, 304. June 1972

064762 389.78 K85
Nutritional physiology & feeding of horses. (Ger) Drepper, K *Kraftfutter* 55 (6): 313-315. June 1972

064763 389.78 K85
Development in feeding & care of breeding sows. (Ger) Burgstaller, G B *Kraftfutter* 55 (8): 402-404, 406. Aug 1972

064764 389.78 K85
Testing Norsamin fish protein concentrate as substitute of skim milk powder in mixed feed for suckling piglets (prestarter). (Ger) Schroder, J *Kraftfutter* 55 (8): 416-417. Aug 1972

064765 389.78 K85
New methods in raising & fattening of cattle. (Ger) Cizeli, I *Kraftfutter* 55 (9): 464, 466. Sept 1972

064766 389.78 K85
Nutrition-physiological problems in fattening young bulls with feed concentrates. (Ger) Thier, E *Kraftfutter* 55 (9): 466-468. Sept 1972

064767 389.78 K85
On effect of feed composition & feeding method on fattening performance of lambs. (Ger) Agde, K *Kraftfutter* 56 (4): 174, 176-177. Eng. Sum. Apr 1973

064768 389.78 K85
Digestibility of soy lecithin in combination with other fats in ranch mink. (Ger) Jorgensen, G *Kraftfutter* 56 (4): 178, 180-181. Eng. Sum. Apr 1973

064769 389.78 K85
Mineral requirement of warm-blooded horses. (Ger) Tuschy, D *Kraftfutter* 56 (4): 182, 184-186, 191. Eng. Sum. Apr 1973

064770 11 L236
Mineral additives to feed used for beef cattle & swine. (Nor) Raastad, N *Landbrukstidende* 79 (10): 241-243. Mar 10, 1973

064771 SF221.M32
Hay & high-moisture corn. Walker, C *Maine Dairy Newslett* P. 7-8. Dec 1972

064772 44.9 M382
Weaning calves early on to dry meal. Davey, A W F *Massey Univ Dairyfarming Annu* P. 106-108. Oct 1972

064773 44.9 M382
Meeting feed requirements before & after calving. Murray, J B *Massey Univ Dairyfarming Annu* P. 32-39. Oct 1972

064774 44.9 M382
Summer supplementary feeding of dairy cows. Wheeler, J S *Massey Univ Dairyfarming Annu* P. 50-55. Oct 1972

064775 S11.O78
Some views on feeding animals in confined quarters. (Swe) Nilsson, H *Medlemsbl Ostergotlands Lans Hushallningssallsk* 5 (3): 16-17, 45. 1972

064776 20 M57
Industrial technology of beef production. [Cattle, feeding, Bulgaria]. (Rus) Zakhariev, Z *Mezhdunar Sel'skokhoz Zh* 2: 77-81. 1973

064777 20 M57
Means of increasing efficiency of using feeds. (Rus) Sineshchekov, A *Mezhdunar Sel'skokhoz Zh* 2: 82-87. 1973

064778 20 M57
Feeding young cattle on industrialized farms. (Rus) Vavzhin'chak, S *Mezhdunar Sel'skokhoz Zh* 2: 87-90. 1973

064779 18 N39
Urgent measures on closing of protein deficiency. [Cattle, swine]. (Ger) Buchner, A *Mitt Deut Landwirt-ges* 88 (16): 450-453. Apr 19, 1973

064780 18 N39
Forage lupine: A uniquely economical protein source. [Cattle, swine]. (Ger) Hackbarth, J *Mitt Deut Landwirt-ges* 88 (16): 458-460. Apr 19, 1973

064781 41.8 M742
Problems in intensive fattening of calves with low-iron nutrition: effectiveness of varied production-boosting methods examplified by live weight growth & bveef quality. (Ger) Miller, E *Monatsh Veterinarmed* 27 (20): 770-773. Eng. Sum. Oct 15, 1972

064782 298.8 M89
Feed concentrates in Austrian animal husbandry. (Ger) Turek, F *Muhle Mischfuttertech* 110 (4): 47-50. Jan 25, 1973

064783 100 N813B
Sunflower hull & corn roughage pellets, Triticale & ergot in rations for beef cattle. Dinusson, W E *N Dak Farm Res* 30 (4): 35-39. Mar/Apr 1973

064784 23 N48J
Colostrum yoghurt for calf feeding. Collard, A J *N Z J Agr* 125 (5): 67, 69. Nov 1972

064785 389.8 N142
Effect of a protein-deficient diet on certain biochemical parameters of fractions of rat liver cells. III. incorporation of radioactive amino acids. (Ger) Bergner, H *Nahrung* 17 (1): 67-74. Eng. Sum. 1973

064786 389.8 N142
On effect of a reduction in frequency of feed intake on lipid metabolism of rats. Use of acetate-I-14 C [carbon] in vitro & in vivo. (Ger) Bobek, P *Nahrung* 17 (1): 75-85. Ref. Eng. Sum. 1973

064787 41.8 N813
Feeding of mineral supplements to pregnant ewes, with clinical cases of hypocalcemia. (Swe) Jonson, G *Nord Vet Med* 25 (2): 97-103. Ref. Eng. Sum. Feb 1973

064788 20.5 N86
Nutritive value of haysilage & its use for feeding cattle. (Pol) Pres, J *Nowe Roln* 22 (3): 4-5. Feb 1/15 1973

064789 20.5 N86
Significance of protein-mineral-vitamin concentrates in livestock feeding. (Pol) Pres, J *Nowe Roln* 22 (4): 21-24. Feb 16/28, 1973

064790 20.5 N86
Use of straw wafers in cattle feeding. (Pol) Demecka, W *Nowe Roln* 22 (4): 24-25. Feb 16/28, 1973

064791 20.5 N86
Quanitity & chemical composition of milk obtained from cows fed with hay silage. (Pol) Namiotkiewicz, I *Nowe Roln* 22 (4): 25-27. Feb 16/28, 1973

064792 20.5 N86
Use of Jerusalem artichoke for feeding livestock. (Pol) Michna, G *Nowe Roln* 23 (6): 28-29. March 16/31, 1973

064793 S11.N93
Methods of feeding relating to renewed interest in slaughter swine. (Dan) Hansen, V *Nye Dan Landbrug* 4 (3): 9-13. Mar 1973

064794 47.9 P87
Feeding of young breeding hens of meat type breeds; a review. (Pol) Kempf, M *Postepy Drobiarstwa* 14 (2): 75-89. Ref. June 1972

064795 47.9 P87
DKA starter diet fed in different form to fattening broilers. (Pol) Freundlich, A *Postepy Drobiarstwa* 14 (3): 107-114. Ref. Eng. Sum. 1972

064796 41.8 P882
Relationship between anabolic active ingridients (Zeranol) & feed components in ruminants. (Ger) Delberg, H *Prakt Tierarzt* 54 (5): 194, 196, 198-200. May 1, 1973

064797 41.8 P882
Study on effect of preparation Quat to obtain larger weight & better feed utilization by swine. (Ger) Pujic, D *Prakt Tierarzt* 54 (5): 200, 202-204. May 1, 1973

064798 281.9 B87
Advice for complementation of corn silage of low dry matter content. (Fre) Haurez, P *Prod Agr Fr* 47 (121): 21-22. Dec 1972

064799 281.9 B87
Young Charolais bulls & corn silage: Conditions of production, income factors. (Fre) Guillet, L *Prod Agr Fr* 48 (122): 31-33. Jan 1973

064800 49 P952
Utilization of pastures in feeding of young cattle. (Pol) Brzozowski, A *Przegl Hodowlany* 40 (5): 18-20. Mar 1/15, 1972

064801 49 P952
Flaxseed – a dietetic feed for calves. (Pol) Maczynski, A *Przegl Hodowlany* 41 (19): 7-9. Oct 1/15, 1972

064802 49 P952
Harmfulness of rancid fat in animal feed. (Pol) Podkowka, W *Przegl Hodowlany* 41 (20): 18-20. Oct 16/31, 1972

064803 44.8 Q3
Study on nutritive value of urea for dairy cow. (Fre) Warnant, M *Quebec Lait Aliment* 32 (3): 17-18. Mar 1973

064804 23 Q33
Vitamin K. [Poultry nutrition]. Stewart, G D *Queensland Agr J* 99 (1): 31-32. Jan 1973

064805 23 Q33
Feeding pigs. 1. basic principles. Todd, A C E *Queensland Agr J* 99 (1): 6-20. Jan 1973

064806 S544.3.M6M6
Feeding barley head-chop (a progress report). Krall, J L Agricultural Experiment Station *Res Rep Mont Agric Exp Stn Mont State Univ* 37: 1.1-1.5. 1973

064807 S544.3.M6M6
DES [diethylstilbestrol] & RALGRO implants for cattle grazed on pasture. Thomas, O O *Res Rep Mont Agric Exp Stn Mont State Univ* 37: 2.1-2.3. 1973

064808 S544.3.M6M6
Whole versus rolled barley for fattening cattle. Thomas, O O *Res Rep Mont Agric Exp Stn Mont State Univ* 37: 5.1-5.7. 1973

064809 S544.3.M6M6
Swine research at U. S. Range Livestock Experiment Station Miles City, Montana. [Feeding]. Newman, C W *Res Rep Mont Agric Exp Stn Mont State Univ* 37: 6.1-6.19. 1973

064810 S544.3.M6M6
Feeding trials at Southern Agricultural Research Center. [Cattle]. Krall, J L Agricultural Experiment Station *Res Rep Mont Agric Exp Stn Mont State Univ* 37: 7.1-7.6. 1973

064811 S544.3.M6M6
Feeding pellets, meal & blocks to ewes during winter. Van Horn, J L *Res Rep Mont Agric Exp Stn Mont State Univ* 37: 8.1-8.4. 1973

064812 S544.3.M6M6
Using mustard meal as a protein source for dairy cattle. Moss, B R Agricultural Experiment Station *Res Rep Mont Agric Exp Stn Mont State Univ* 37: 9.1-9.5. 1973

064813 13 R322
Intensive fattening of heifers. I. Growth. (Fre) Torreele, G *Rev Agr (brussels)* 25 (11/12): 1613-1623. Nov/Dec 1972

064814 13 R322
Intensive fattening of heifers. II. Feed consumption & consumption index. (Fre) Voorde, G V Ede *Rev Agr (brussels)* 25 (11/12): 1625-1636. Nov/Dec 1972

064815 13 R322
Influence of an iron supplementation on meat quality characteristics of young bulls (baby beef). (Fre) Castells, I M *Rev Agr (brussels)* 25 (11/12): 1693-1704. Ref. Eng. Sum. Nov/Dec 1972

064816 24 R323
On pastures & cattle: On 'palatibility' & 'selective instinct'. (Por) Costa F, M da *Rev Agr (mocambique)* 15 (153): 9-11. Dec 1972

064817 43.8 R32
How & on what do cattle graze? (Por) Costa, M da *Rev Criadores* 42(516): 53-56. Dec 1972

064818 41.8 R3262
Intensive fattening of Malagasy Zebu cattle. Further experiments. (Fre) Serres, H *Rev Elevage Med Vet Pays Trop* 25 (4): 551-568. Eng. Sum. 1972

064819 SF1.R54
Use of sulfates for livestock. [Nutrition]. (Ita) Lehmann, I *Rilancio Agric Vet Zootec* 4 (10): 29-30. 1972

064820 SF1.R54
Nutritional requirements of beef cattle. (Ita) Mainardi, B *Rilancio Agric Vet Zootec* 4 (10): 4, 6-7. 1972

064821 SF1.R54
Green Plan for livestock. [Forage plants, feeding]. (Ita) Ellena, G *Rilancio Agric Vet Zootec* 4 (11/12): 32-33. 1972

064822 SF1.R54
Nutritional requirements for lean meat type swine. (Ita) Mainardi, B *Rilancio Agric Vet Zootec* 4 (11/12): 4-5. 1972

064823 SF1.R54
Feeding requirements for dairy cattle. (Ita) Mainardi, B *Rilancio Agric Vet Zootec* 4 (8/9): 4-7. 1972

064824 100 SO8 (1)
A comparison of ten drylot steer-finishing systems involving corn silage, urea, & pelleted coasta Edwards, R L *S C Agr Exp Sta Bull* 563, 36 P. Ref. Feb 1973

064825 HD1940.C95P74
Utilizing of vitamin A by hens, their feed mixture being vitaminized in different ways. (Cze) Satava, M *Sb Vys Sk Zemed Praze, Provozne Ekon Fak, Cesk Budejovicich, Biol Rada* 10 (2): 119-129. Ref. Eng. Sum. 1972

064826 HD1940.C95P74
Contribution to prevention of health & production losses in calves during milk fattening. (Cze) Kursa, J *Sb Vys Sk Zemed Praze, Provozne Ekon Fak, Cesk Budejovicich, Biol Rada* 10 (2): 83-96. Ref. Eng. Sum. 1972

064827 286.85 D48
On presence of microbiologically effective inhibitors in meat & organs of slaughter animals fed zinc bacitracin. [Chickens, swine, calves]. (Ger) Losch, U *Schlacht Viehhof-ztg* 72 (10): 362-363. Oct 1972

064828 100 P381S
Acid-treated grains aid storing, handling & feed efficiency. [Corn]. Wilson, L L *Sci Agr* 20 (3): 10-11. Spring 1973

064829 10 SCO82SO
A simple grazing system for dairy cows. Castle, M E *Scot Agr* 51 (5): 467-470. Winter 1972/73

064830 S15.I692
Minerals in nutrition of ruminants. (Por) Andrade Lima, J O A de *Ser Apostila IPEAL (inst Pesqui Agropecu Leste)* 2, 20 P. Ref. 1972

064831 S13.S55
Some data on fattening & thermal regulation of young cattle under various temperature conditions of keeping. (Rus) Gizbrekht, IA IA *Sib Vestn S-kh Nauk* 1: 83-86. Jan/Feb 1972

064832 S13.S55
Raising calves on reduced rations of whole milk in Far North. (Rus) Schchegolikhina, L V *Sib Vestn S-kh Nauk* 6: 66-70. Nov/Dec 1972

064833 SF207.A1S6
Corn silage supplement, good growing ration for beef steers. Harris, R R *South Beef Prod* 3 (1): 8. Jan 1973

064834 SF391.S9
Vitamin A value in carotene of carrots (fresh & concentrated) in swine feeding. (Ukr) Mal'ovana, L I *Svynarstvo* 16: 103-107. 1972

064835 SF391.S9
Indices of quality of combined silages prepared with chemical preservatives & biological cupplements. [Swine, feeding]. (Ukr) Ikiukha, M P *Svynarstvo* 16: 107-113. 1972

064836 SF391.S9
Developing recipes for feed mixes for baby pigs & their effectiveness. (Ukr) Nozdrin, M T *Svynarstvo* 16: 24-29. 1972

064837 SF391.S9
Economic evaluation of weaning baby pigs at one month of age. [Costs]. (Ukr) Bykhun, M V *Svynarstvo* 16: 32-37. 1972

064838 SF391.S9
Effectiveness of protein-vitamin-mineral supplement in swine fattening. (Ukr) Lapenko, O P *Svynarstvo* 16: 45-52. 1972

064839 SF391.S9
Effect of level of feeding on some indices of nitrogen & mineral metabolism in breeding swine. (Ukr) Tsyhanchuk, IU S *Svynarstvo* 16: 57-62. 1972

064840 SF391.S9
Growth of individual muscles in various breeds of swine relative to type of feeding. [Large White, Russian Long-eared White swine]. (Ukr) Ostapchuk, P P *Svynarstvo* 16: 63-69. 1972

064841 S3.S8
Ammonia formation in rumen of sheep fed on grass, clover or lucerne preserved in various ways. [Alfalfa]. Ciszuk, P *Swed J Agric Res* 3 (1): 13-20. Ref. 1973

064842 S3.S8
Effect of storage on value of feed mixtures containing animal fat for bacon pigs. Pettersson, A *Swed J Agric Res* 3 (1): 31-33. 1973

064843 S3.S8
Consumption by chickens of metabolizable energy in relation to their body weight. Hakansson, J *Swed J Agric Res* 3 (1): 35-38. 1973

064844 S3.S8
Economic evaluation of results from experiments with different levels of feeding & quantities of roughage to dairy cows. Arbrandt, B *Swed J Agric Res* 3 (1): 39-48. 1973

064845 S13.S9
Influence of sodium insufficiency in fodder on functioning of kidneys & lactic gland. [Goats]. (Pol) Baranowski, S *Szczecin Wyzsza Szk Roln Rozpr* 29, 32 P. Ref. Eng. Sum. 1972

064846 44.8 OF2
For production of quality milk, iII. [Dairy cattle, feeding]. (Fre) Labie, C *Tech Lait* 28 (767): 23-24. Feb 1, 1973

064847 100 T31P
Grazing studies on Texas Experimental Ranch. Mathis, G W *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3111/3131: 11-15. Nov 1972

064848 100 T31P
Coastal bermudagrass hay for wintering beef cows in East Texas. [Cynodon dactylon]. Crouch, E K *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3111/3131: 15-18. Nov 1972

064849 100 T31P
High mositure grain sorghum preserved with volatile fatty acids for beef cattle rations. Marion, P T *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3111/3131: 49-52. Nov 1972

064850 100 T31P
Effects of dietary energy & early weaning on reproductive performance of first-calf Hereford heifers. McCartor, M M Agricultural Experiment Station *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3111/3131: 5-9. Ref. Nov 1972

064851 100 T31P
Evaluation of corn & grain sorghum rations for finishing beef cattle. Schake, L M *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3111/3131: 52-54. Nov 1972

064852 100 T31P
Growth & carcass traits of bulls fed to point of diminishing gain. Long, C R *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3111/3131: 54-59. Ref. Nov 1972

064853 100 T31P
Comparison of biuret & urea in molasses as NPN [nonprotein-nitrogen] supplements for yearling heifers. Lippke, H *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3111/3131: 9-10. Nov 1972

064854 100 T31P
Responses of Brahman & Brahman-cross cows to a common wintering system. Lippke, H *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 311103131: 11. Nov 1972

064855 41.8 T445
On relationships between feed, feeding & ovary anomalies. [Cattle]. (Ger) Dieter, R *Tierarztl Umsch* 28 (3): 122-127. Ref. Mar 1, 1973

064856 41.8 T445
Experiments with Zeranol in intensive fattening of young bulls. (Ger) Buss, A H *Tierarztl Umsch* 28 (4): 179, 182-185. Apr 1, 1973

064857 41.8 T445
Economical fattening of lambs with an anabolicum without problem. (Ger) Eichelmann, H *Tierarztl Umsch* 28 (4): 185-186. Apr 1, 1973

064858 49 T443
Crude-fiber content of pasture grass & its influence on milk yield. (Ger) Hentschel, D *Tierzucht* 17 (3): 115-116. Mar 1973

064859 49 T443
Studies on use of straw meal pellets in bull fattening. (Ger) Hennig, A *Tierzucht* 26 (12): 468-469. Dec 1972

064860 49 T443
Importance of urea added to ensilage maize for cattle feeding. (Ger) Piatkowski, B *Tierzucht* 26 (12): 470-471. Dec 1972

064861 49 T443
On determination of dry matter content of green fodder & ensilage in practical farming. (Ger) Weissbach, F *Tierzucht* 26 (12): 471-472. Dec 1972

064862 49 T443
Experimental results & recommendations on feeding of breeding boars used for artificial insemination. (Ger) Huhn, U *Tierzucht* 26 (12): 472-473. Dec 1972

064863 49 T443
Nutritive possibilities for raising performance of boars intended for artificial insemination. (Ger) Kleemann, F *Tierzucht* 26 (12): 474-475. Dec 1972

064864 49 T443
Adivce on organisation of forage supply for large cattle herds under conditions of grazing. [East Germany]. (Ger) Fritz, J *Tierzucht* 27 (3): 105-107. Mar 1973

064865 49 T443
Advice on fattening culled cows by grazing. (Ger) Fritz, J *Tierzucht* 27 (3): 107-109. Mar 1973

064866 49 T443
Grassland management under conditions of industrial young cattle rearing. (Ger) Weidig, E *Tierzucht* 27 (3): 118-120. Mar 1973

064867 49 T443
Productivity & health of cattle as influenced by soilage feeding & change of forage. (Ger) Piatkowski, B *Tierzucht* 27 (3): 124-126. Mar 1973

064868 49 T445
Lengthened heifer fattening: A possibility for raising of meat performance in cattle. (Ger) Bogner, H *Tierzuchter* 24 (22): 648-650. Nov 20, 1972

064869 49 T445
Possibilities for increase of beef income by raising of fattening weight. (Ger) Huth, F W *Tierzuchter* 24 (22): 651-653. Nov 20, 1972

064870 49 T445
Some aspects on fattening young bulls with concentrated ffed. (Ger) Burgstaller, G *Tierzuchter* 24 (22): 662-663. Nov 20, 1972

064871 49 T445
Limits of pasture feeding intake of dairy cattle. (Ger) Rohr, K *Tierzuchter* 24 (22): 663-664. Nov 20, 1972

064872 49 T445
Interactions between genotype & fattening methods of beef cattle. (Ger) Pirchner, F *Tierzuchter* 24 (24): 712-714. Dec 20, 1972

064873 49 T445
Feeding cattle with concentrated feed brickets made from grass dryed with hot air. (Ger) Mohme, H *Tierzuchter* 24 (24): 718, 723. Dec 20, 1972

064874 49 T445
Increasing feed prices are forcing changes in feeding patterns. (Ger) Eschenbrenner, H *Tierzuchter* 24 (24): 727-728. Dec 20, 1972

064875 49 T445
Supplying minor elements in winter feeding of cattle. (Ger) Pallauf, J *Tierzuchter* 24 (24): 728-730. Dec 20, 1972

064876 49 T445
How is energy deficit eliminated after calving? [Animal nutrition]. (Ger) Henkel, H *Tierzuchter* 25 (2): 70-72. Feb 5, 1973

064877 49 T445
On problem of maximal fat content in dariy cattle rations. (Ger) Melosch, V *Tierzuchter* 25 (2): 72-73. Feb 5, 1973

064878 49 T445
Significance of hay quality in winter feeding. [Dairy cattle]. (Ger) Papendick, K *Tierzuchter* 25 (2): 74-75. Feb 5, 1973

064879 41.8 T431
Prevention of chronic copper poisoning in sheep, addition of molybdenum & sulphate to concentrates. (Dut) Berg, R van der *Tijdschr Diergeneesk* 98 (7): 328-334. Ref. Eng. Sum. Apr 1, 1973

064880 26 T754
Beef production from exotic & crossbred cattle on different feeding planes in a tropical environment. O'Donovan, P B *Trop Agr (st Augustine)* 50 (2): 101-112. Ref. Apr 1973

064881 26 T754
Selenium status of pastures in Uganda. [White muscle disease, infertility, cattle, sheep]. Long, M I E *Trop Agr (st Augustine)* 50 (2): 121-128. Ref. Apr 1973

064882 43.8 UN7
What has to be taken into consideration in use of damaged grain & in feeding it to high performance dairy cattle? (Ger) Strack, *Unser Milchvieh* 24 (12): 10-11. Dec 1972

064883 20 AK16
Digestibility & nutritive value of grass meal from a vetch-oat mixture. (Rus) Vernigor, V A *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 68-71. Jan 1973

064884 20 AK16
Effect of structure of feed rations on digestibility of nutrients & protein-mineral metabolism in breeding bulls. (Rus) Gaivoronskii, V A *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 39-42. Feb 1973

064885 20 AK16
Effect of liquid biomycin supplements on the nutritive value of swine rations. (Rus) Kurmanbekov, S K *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 56-58. Feb 1973

064886 20 AK16
Nature of water temperature change in troughs & reservoirs for pastured sheep drinking. (Rus) Kulenov, Sh S *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 92-96. Feb 1973

064887 20 M66
Amount of free amino acids in meat of duck fed biomycin. (Bel) Harahliad, Kh S *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 1: 103-105. Ref. 1973

064888 20 M66
Effectiveness of using conifer flour in feeding broilers. (Bel) Sontsau, K M *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 1: 106-111. 1973

064889 20 M66
Effect of various feed rations on rumen digestion, digestibility & sperm production of breeding bulls. (Rus) Pevzner, I L *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 1: 81-85. Ref. 1973

064890 20 M66
Carbohydrate-mineral metabolism in young bulls fed with roots & tubers. (Bel) Harahliad, Kh S *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 1: 86-91. 1973

064891 20 M66
Amino acid composition of swine blood in relation to quality & quantity of protein in feed rations. (Bel) Shpakau, A P *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 1: 95-99. 1973

064892 41.8 V6468
Effect of corn silage on serum proteins in pregnant cows during dry period. (Bul) Simov, P *Vet Med Nauk* 9 (6): 57-62. Ref. Eng. Sum. 1972

064893 SF604.V42
Fish meal aplication in Mozambique animal raising: previous study of its composition, quality & conservation. (Por) Ruy Antao, L A *Vet Mocambicana* 5 (1): 7-35. Ref. Eng. Sum. 1972

064894 41.8 V6463
On dynamics of serum proteins in broilers during fattening period. (Bul) Zhekov, R *Vet Sbirka* 69 (5): 13-16. Eng. Sum. 1972

064895 41.8 V6426
Urea supplements in cattle feed ration. (Rus) Zagorodnov, M V *Veterinariia* 3: 39-40. Feb 1973

064896 41.8 V6426
Effect of structure of feed rations for cows on incidence of disease & loss of calves. (Rus) Kondrakhin, I P *Veterinariia* 4: 88-90. Apr 1973

064897 20 V82
Growth & development of young Lebedin cattle in relation to level of feeding. (Ukr) *Visnyk Sil's'kohospodar Nauk* 2: 88-93. Feb 1973

064898 20 V82
Quality of Askanian ram progeny raised at various feeding levels. (Ukr) Letuchev, K P *Visnyk Sil's'kohospodar Nauk* 3: 90-94. 1973

064899 S397.A3
Grit for broilers. Smetana, P *West Aust Dep Agric Tech Bull* 16, 5 P. 1972

064900 280.29 W522
Beef cattle: performance at grass. Tate, R G *West Cumberland Farmers Bull* 86: 27. Apr 1973

064901 41.8 T345
Usefulness of Piglac in Artificial pig rearing. [Milk replacer]. (Ger) Schuller, W *Wien Tierarztl Monatsschr* 59 (10): 319-321. Ref. Eng. Sum. Oct 1972

064902 41.9 B753
Assimilation of cholesterol production refuse, enriched with magnesium, in hen feeding. (Pol) Krezlewicz, H *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 28: 157-165. Ref. Eng. Sum. 1972

064903 389.78 Z3
Availability of iron & copper in metabolism during different supplies with iron & copper. [Animals]. (Ger) Grassmann, E *Z Tierphysiol Tierernahr Futtermittelkunde* 31 (3): 113-120. Ref. Eng. Sum. Apr 1973

064904 389.78 Z3
Effect of methionine supplementation of protein-free diet on nitrogen excretion in rats & pigs. Lubaszewska, S *Z Tierphysiol Tierernahr Futtermittelkunde* 31 (3): 120-128. Ref. Apr 1973

064905 389.78 Z3
Effect of different rations upon development of ciliates in rumen. [Sheep]. (Fre) Devuyst, A *Z Tierphysiol Tierernahr Futtermittelkunde* 31 (3): 136-149. Ref. Eng. Sum. Apr 1973

064906 389.78 Z3
Net-energy content of Dutch & Norwegian hay & silage in dairy cattle rations. Honing, Y van der *Z Tierphysiol Tierernahr Futtermittelkunde* 31 (3): 149-158. Apr 1973

064907 41.8 Z5
Studies on problem of fatty liver in laying hens. II. Fatty acid synthesis & oxidation rate, as well as glutathion quotients in liver of hens under conventional & restricted feeding. (Ger) Sallmann, H P *Zentralbl Veterinarmed Reihe A* 20 (2): 128-139. Ref. Eng. Sum. Mar 1973

064908 49 Z65
Study on various carbohydrate & protein sources in milk replacers for early weaning of pigs. Comparison between dry skim milk & forage yeasts in mixtures containing a large proportion of cane sugar. (Bul) Paliev, K H *Zhivotnovudni Nauk* 10 (1): 101-106. Ref. Eng. Sum. 1973

064909 49 Z65
Comparative fattening of gilts with 62.5 percent blood of Large White & Landrace breeds. (Bul) Tsanov, T *Zhivotnovudni Nauk* 10 (1): 107-114. Ref. 1973

064910 49 Z65
Raising sheep in quarters with slotted flooring.i. Fattening lambs & yearlings on a slotted floor. (Bul) Dimitrov, D P *Zhivotnovudni Nauk* 10 (1): 25-31. 1973

064911 49 Z65
Comparative fattening of inbred, outbred & topcrossed Caucasian lambs. (Bul) Minev, P *Zhivotnovudni Nauk* 10 (1): 33-39. 1973

064912 49 Z65
Study on nutritive effectiveness of some compound forages in intensive fattening of growing pigs. (Bul) Angelov, A S *Zhivotnovudni Nauk* 10 (1): 61-70. Ref. Eng. Sum. 1973

064913 49 Z65
Study on effect of various feeding levels of buffalo cows aged under three & a half years. (Bul) Panaiotov, P *Zhivotnovudni Nauk* 10 (1): 81-87. Eng. Sum. 1973

064914 49 Z65
Pig fattening as affected by their segregation by sex. (Bul) Benkov, M *Zhivotnovudni Nauk* 10 (1): 89-92. Eng. Sum. 1973

064915 49 Z65
Effect of a gradual increase of coarse milled feed in high energy feed rations for fattening young cattle. (Bul) Dardzhonov, T *Zhivotnovudni Nauk* 10 (1): 93-100. 1973

064916 49 Z62
Protein problem & ways to solve it. [Animal nutrition]. (Bul) Platikanov, N *Zhivotnovudstvo* 26 (8): 1-4. July 1972

064917 49.9 C33
Fibre content in monodiet type of feed rations for calves up to 6 months. (Cze) Sramek, J *Zivocisna Vyroba* 17 (12): 883-890. Eng. Sum. Dec 1972

064918 49.9 C33
Production effect of milk mixtures Interveau, Csl. Nukamel & Brezomix in calf fattening. (Cze) Medvecky, D *Zivocisna Vyroba* 17 (12): 891-899. Eng. Sum. Dec 1972

064919 49.9 C33
Effect of protein & energy levels on nitrogen balance in piglets. (Cze) Stibic, J *Zivocisna Vyroba* 17 (12): 911-918. Ref. Eng. Sum. Dec 1972

064920 49.9 C33
Urea in blood & ammonia in rumen during feeding & fasting in sheep fed different diets. (Cze) Szanyiova, M *Zivocisna Vyroba* 17 (12): 919-926. Ref. Eng. Sum. Dec 1972

064921 49.9 C33
Effect of addition of urea to feed ration with a high proportion of sugar beet or milk production. [Cattle]. (Cze) Kosar, J *Zivocisna Vyroba* 17 (9): 691-699. Ref. Eng. Sum. Sept 1972

064922 49.9 C33
Investigation of production abilities in adult dairy cows of Bohemian Pied breed under optimum nutrition conditions. (Cze) Zizlavsky, J *Zivocisna Vyroba* 19 (9): 701-708. Ref. Eng. Sum. Sept 1972

064923 410 Z792
Nutrition of grey goose, Anser anser, in south Moravia. (Ger) Hudec, K *Zool Listy* 22 (1): 41-58. Ref. Eng. Sum. 1973

LIVESTOCK BREEDING

064924 SF604.B7
Liver ornithine carbamyl transferase & blood plasma urea of pregnant sows & their foetuses in last third of gestation. Jezkova, D *Acta Vet (brno)* 41 (3): 241-249. Ref. 1972

064925 SF604.B7
Advances in breeding for resistance to disease in domestic animals. Hutt, F B *Acta Vet (brno)* 41 (3): 309-319. Ref. 1972

064926 442.9 AK18
Immunogenetic check-up of assessment of boars of Estonian bacon & Estonian Big White breeds on basis of properties of offspring. (Rus) Tikhonov, V *Akad Nauk Est Ssr Izv Ser Biol* 21 (3): 262-265. 1972

064927 442.8 AL6
Comparative study of milk productivity of crossbred & Kazakh Finewool sheep raised in southeastern Kazakhstan. (Rus) Razoznaev, K M *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 2: 73-77. Mar/Apr 1973

064928 442.8 AL6
Effect of genotype & environment on fromation of some indices of production in Finewool-Coarsewool sheep crosses, improved by Chuisk Semi-finewool rams. [Kazakh Finewool, sheep breeds (Rus) Ermekov, M A *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 6: 66-70. 1971 Translated 1972

064929 49 AL57
Reflections concerning sheep breeding in Hungary. (Hun) Veress, L *Allattenyesztes* 22 (1): 37-44. Eng. Sum. 1973

064930 49 AL57
Breeding hygienic examinations on twin calving. (Hun) Hamori, D *Allattenyesztes* 22 (1): 89-959 eng. Sum. 1973

064931 41.8 AM3A
Circulating concentrations of luteinizing hormone during estrous cycle of mares as determined by radioimmunoassay. [Horses]. Whitmore, H L *Amer J Vet Res* 34 (5): 631-636. Ref. May 1973

064932 41.8 AM3A
Parenteral use of medroxyprogesterone acetate as an antifertility agent in bitch. [Dogs]. Bryan, H S *Amer J Vet Res* 34 (5): 659-663. Ref. May 1973

064933 49 C43
Lighting control at hatching periods for laying hen. (Jap) Mitoku, S *Anim Husb (tokyo)* 27 (3): 57-62. Mar 1973

064934 49 C43
Recent research on synchronization of estrous cycle in livestock breeding. 1. (Jap) Takeuchi, S *Anim Husb (tokyo)* 27 (4): 3-7. Apr 1973

064935 49 AN55
Effects of crossbreeding & certain environmental factors on multiple births, wool production & growth in sheep. Fahmy, M H *Anim Prod* 16 (2): 147-155. Ref. Apr 1973

064936 41.9 AN4D
Comparison of Daglic & Rambouillet X Daglic (F1) crossbred sheep for important production characteristics. (Tur) Yalcin, B C *Ankara Univ Vet Fak Dergisi* 19 (3): 371-387. Ref. Eng. Sum. 1972

064937 442.8 AN75
Ribonucleic acid & protein metabolism in ram (Ovis aries) spermatocytes & spermatids. III. Cytochemical study of protein transformation in old spermatids. (Fre) Loir, M *Ann Biol Anim Biochim Biophys* 12 (4): 531-544. Ref. Eng. Sum. 1972

064938 442.8 AN75
Growth of calf fetus of single or multiple pregnancies during period of sexual differentiation (42-70 days). (Fre) Prepin, J *Ann Biol Anim Biochim Biophys* 12 (4): 545-558. Ref. Eng. Sum. 1972

064939 442.8 AN75
Role of maternal adrenal glands in estrogen production in pregnant sow. (Fre) Fevre, J *Ann Biol Anim Biochim Biophys* 12 (4): 559-567. Ref. Eng. Sum. 1972

064940 442.8 AN75
Utilization of an early pregnancy test by progesterone assay in peripheral blood in ewe. (Fre) Saumande, J *Ann Biol Anim Biochim Biophys* 12 (4): 661-665. Eng. Sum. 1972

064941 QH431.A1A52
Chromosomes of chicken-pheasant hybrids. Basrur, P K *Ann Genet Sel Anim* 4 (4): 495-503. Ref. 1972

064942 QH431.A1A52
Genic mutations with visible effect in Swiss cattle breeds. (Fre) Lauvergne, J J *Ann Genet Sel Anim* 4 (4): 523-535. Ref. Eng. Sum. 1972

064943 QH431.A1A52
Penetrance of total sterility effect linked to polled gene P in he-goats. (Fre) Ricordeau, G *Ann Genet Sel Anim* 4 (4): 537-452. Ref. Eng. Sum. 1972

064944 QH431.A1A52
Genes with visible effect: Association with egg laying, egg weight & adult hen weight. (Fre) Merat, P *Ann Genet Sel Anim* 4 (4): 555-560. Eng. Sum. 1972

064945 QH431.A1A52
Selection plateaux in poultry. Clayton, G A *Ann Genet Sel Anim* 4 (4): 561-568. Ref. 1972

064946 QH431.A1A52
Observations on reproduction traits of male & female progeny from a he-goat carrying centric fusion. (Fre) Ricordeau, G *Ann Genet Sel Anim* 4 (4): 593-598. Ref. Eng. Sum. 1972

064947 QH431.A1A52
A new abnormality appearing to be hereditary in Khuzistan lambs. (Fre) Amini, H *Ann Genet Sel Anim* 4 (4): 599-601. Eng. Sum. 1972

064948 SF604.A52
Rectal palpation in cow. [Pregnancy]. (Por) Campanarut Barnabe, R *Atual Vet* 1 (4): 10-14. Nov/Dec 1972

064949 23 AU792
Effect of stocking rate & liveweight on production from crossbread ewes. Russell, H M *Australian J Exp Agr Anim Husb* 13 (60): 13-21. Ref. Feb 1973

064950 23 AU792
Studies in flock mating of sheep. 5. Incidence, duration & effect on flock fertility of initial sexual inactivity in young rams. Mattner, P E *Australian J Exp Agr Anim Husb* 13 (60): 35-41. Ref. Feb 1973

064951 41.8 B45
Research into tubal pig eggs fertilised in vitro-. (Ger) Meyer, J N *Berliner Munchener Tierarztl Wochenschr* 86 (7): 121-125. Ref. Eng. Sum. Apr 1, 1973

064952 43.9 B775
International trade in semen. Moss, J A *Brit Cattle Breeders Club Dig* 28: 13-16. 1973

064953 43.9 B775
Use of egg transfer in practice & research. Rowson, L E A *Brit Cattle Breeders Club Dig* 28: 19-22. 1973

064954 43.9 B775
Practical applications of blood typing. [Cattle, breeding]. Spooner, R L *Brit Cattle Breeders Club Dig* 28: 23-25. 1973

064955 43.9 B775
Use of Carolais & Simmental breeds in beef production in United Kingdom. Oates, R *Brit Cattle Breeders Club Dig* 28: 37-42. 1973

064956 43.9 B775
Use of metabolic profiles in dairy herd management & also as an aid in selection of superior stock. Payne, J M *Brit Cattle Breeders Club Dig* 28: 55-59. 1973

064957 43.9 B775
Littleport herd of British Friesians. Martin, J *Brit Cattle Breeders Club Dig* 28: 61-64. 1973

064958 S13.B7
Study of frequency distribution in size of bull spermatozoa heads. (Cze) Kuciel, J *Brno Acta Univ Agr Fac Agron* 20 (2): 297-302. Ref. Eng. Sum. 1972

064959 41.8 C163
Selection intensity & response to selection for yearling weight in beef cattle. Newman, J A *Can J Anim Sci* 53 (1): 1-12. Ref. Mar 1973

064960 41.8 C163
Sequential changes in plasma progesterone levels in ewe during estrous cycle, & during pregnancy in intact & ovariectomized sheep. Sarda, I R *Can J Anim Sci* 53 (1): 25-34. Ref. Mar 1973

064961 41.8 C163
Distribution of embryos between sides in swine. Sittmann, K *Can J Anim Sci* 53 (1): 35-41. Ref. Mar 1973

064962 41.8 C163
Influence of breed, age, & ejaculation frequency on boar semen composition. Swierstra, E E *Can J Anim Sci* 53 (1): 43-53. Ref. Mar 1973

064963 41.8 C163
An intravaginal method for recovery & transfer of bovine eggs. Bedirian, K N *Can J Anim Sci* 53 (1): 67-69. Mar 1973

064964 41.8 C163
Intrauterine migration of pig embryos in litters without losses. Sittmann, K *Can J Anim Sci* 53 (1): 71-74. Mar 1973

064965 41.8 C163
Influence of shelter, level of feeding, & method of forage conservation on packed cell volume & plasma metabolite levels in pregnant beef cows. Lister, E E *Can J Anim Sci* 53 (1): 81-88. Ref. Mar 1973

064966 41.8 C163
Composition of weight change in pregnant ewe. Lodge, G A *Can J Anim Sci* 53 (1): 95-105. Ref. Mar 1973

064967 280.28 C16
Crossbreeding improves production. [Sheep]. Vesely, J A *Can Wool Grower Sheep Breeder* 43 (2): 7. Spring 1973

064968 S521.C62
Basic rabbit genetics. Kiskey, F *Ctryside Small Stock J* 252000 Mar 1973

064969 512 SO2
Cytochemical studies on changes in activity of LDH-X isozyme in cock spermatozoa in course of storage. Dokov, V K *Dokl Bolg Akad Nauk* 25 (10): 1415-1416. Ref. 1972

064970 512 SO2
Microelectrophoretic studies of glycoand lipoproteins in blood serum & in seminal plasma of cocks on cellogel. Kichev, G K *Dokl Bolg Akad Nauk* 25 (10): 1421-1423. 1972

064971 S13.B82
Study on sialic acids of ram's semen at storage. Strzezek, J *Dokl S-kh Akad Georgiia Dimitrova* 5 (3): 229-233. Ref. 1972

064972 HD1970.A1E2
Observations & results of trials in raising various breeds of cattle. (Ita) Vallerani, R *Econ Mont* 4 (33): 215-216. Aug 1972

064973 43.8 EL22
Report on systematic placing of mating plans. [Cattle]. (Fre) Cornier, C *Elev Insemination* 133: 9-18. Jan 1973

064974 49 B462
Toward a unit for promotion & selection of Finnish & Romanov sheep breeds. (Fre) Peyraud, D *Elevage* 16: 119. Mar 1973

064975 49 B462
Americans attracted by our beef breeds of cattle. (Fre) Vissac, B *Elevage* 16: 77, 79, 81, 83, 85, 87. Mar 1973

064976 S9.E9
Influence of weaning method on fertility of sow. (Ita) Aumaitre, A *Evoluzione Agric* 18 (207): 23-24. Feb 1973

064977 TX341.F3
Breeding more productive sheep. Hanrahan, J P *Farm Food Res* 252000 Nov/-Dec 1972

064978 24 SO842
Is it a goose or a gander? Olver, M D *Farming S Afr* 48 (11): 7-10. Feb 1973

064979 448.8 F41
Effect of progesterone on early development of rabbit embryo. Allen, M C *Fertil Steril* 24 (3): 220-226. Ref. Mar 1973

064980 SB123.A1G4
Investigation on frequency of serum transferrin & hemoglobin alleles in crosses of Karnobat sheep. (Bul) Tiankov, S *Gen Selek* 6 (1): 59-65. Ref. Eng. Sum. 1973

064981 SB123.A1G4
Changes in blood groups of hens after hybridization. (Bul) Shabalina, A *Gen Selek* 6 (1): 67-72. Ref. Eng. Sum. 1973

064982 450 G282
Research into distribution of transferrin genes in cattle. Zurkowski, M *Genet Polon* 13 (4): 137-143. 1972 (Pub. 1973)

064983 442.8 G282
Gene frequencies in stray cat populations from Vienna. Baxa, H *Genetica* 44 (1): 25-30. 1973

064984 QH431.A1G4
Comparative value of different methods of estimation of hereditary factors in dairy cows. (Rus) Zavertiaev, B P *Genetika* 9 (3): 46-52. Ref. Eng. Sum. Mar 1973

064985 QH431.A1G4
Behaviour & reproductive functions of animals. VI. Correlation between defensive behaviour & reproductive function in sable. (Rus) Beliaev, D K *Genetika* 9 (3): 53-62. Ref. Eng. Sum. Mar 1973

064986 S19.G74
Rajasthan, dairy development & cattle breeding. Singh, R *Green Revolution* P. 152-154. 1972

064987 17 SCH9
Breeding methods & herd book keeping in course of century. [Cattle]. (Ger) Engeler, W *Grune* 101 (14): 496-501. Apr 6, 1973

064988 17 SCH9
Swiss Brown & Brown Swiss hybrids – interbreeding. [Cattle]. (Ger) Baumgartner, R *Grune* 101 (15): 535-543. Apr 13, 1973

064989 SF95.H3
Intra uterine nutrition. (Ger) Paufler, S *Handb Tierernahr* 2: 103-114. Ref. 1972

064990 SF95.H3
Maternal metabolism during pregnancy. (Ger) Lenkeit, W *Handb Tierernahr* 2: 115-142. Ref. 1972

064991 SF95.H3
Hormonal control during pregnancy. (Ger) Karg, H *Handb Tierernahr* 2: 143-156. Ref. 1972

064992 SF95.H3
Energy & nutrient requirements for pregnancy. Lodge, G A *Handb Tierernahr* 2: 157-189. Ref. 1972

064993 SF391.H6
Effects of heat stress in brood sows. Omtvedt, I *Hog Farm Manage* 10 (5): 42-44. May 1973

064994 44.8 L12
New Norwegian breeding plan. [Dairy cattle]. (Nor) Jensen, A *Husdjur* 11: 6, 8, 10. Dec 1, 1972

064995 100 IL64
PLATO [Programmed Logic for Automatic Teaching Operations] computor-assisted instruction in animal breeding. Grossman, M *Ill Res* 15 (2): 14-15. Spring 1973

064996 SF1.I4
Studies on some characters of semen with 3 & higher motility collected from bulls of varying age groups. Singh, B *Indian J Anim Health* 11 (2): 151-156. Ref. Dec 1972

064997 SF1.I4
Transamination in cattle & buffalo spermatozoa. Singh, B *Indian J Anim Health* 11 (2): 221-224. Ref. Dec 1972

064998 SF1.I4
Effect of Tentex forte & Speman on semen characteristics. Yadav, S S *Indian J Anim Health* 11 (2): 245-249. Ref. Dec 1972

064999 SF105.I5
Improvement of Aragonesa sheep breed & its crossing with Ile de France breed. (Spa) Espejo Diaz, M *Inst Nac Invest Agrar An Ser Prod Anim* 1: 139-181. Ref. Eng. Sum. 1971

065000 10 J822
Phenotypic & genetic associations between production characters & blood characters in sheep. Erythrocyte potassium levels & haemoglobin types in Peppin Merinos genetically different fo Evans, J V *J Agr Sci (London)* 80 (2): 315-322. Ref. Apr 1973

065001 10 J822
Effects of red clover (Trifolium pratense var. Redhead), white clover (Trifoloium repens var. S 100) or perennial ryegrass (Lolium perenne var. S 23) on reproductive performance of sheep. Newton, J E *J Agr Sci (London)* 80 (2): 323-327. Ref. Apr 1973

065002 10 J822
Oestrous cycle synchronization in Zebu cattle & its use in cattle production & management in tropics. Jochle, W *J Agr Sci (London)* 80 (2): 329-340. Ref. Apr 1973

065003 23 W52J
Sheep fertility in Western Australia. Lightfoot, R J *J Agr West Aust* 13 (4): 102-120. Ref. Dec 1972

065004 S19.J62
Comparative study of hatchability, fertility & embryonic mortality in first & second laying years of White Leghorn & Layllpur Silver Black breeds. [Chicken]. Ahmad, K N *J Agric Res* 10 (1): 54-58. Ref. Mar 1972

065005 S19.J62
Repeatability of some economic traits in Sahiwal cows. Ahmad, Z *J Agric Res* 10 (3): 191-196. Ref. Sept 1972

065006 S19.J62
Heritability estimate of birth weight in Rambouillet lambs under Pakistan conditions. Jabbar, R A *J Agric Res* 10 (3): 216-219. Sept 1972

065007 49 J82
Genotype-environment interaction in sheep. III. Lamb carcass traits. Carter, R C *J Anim Sci* 36 (4): 617-621. Apr 1973

065008 49 J82
Genotype X environment interactions in beef sire evaluation: importance of sire by year interactions for postweaning traits. Pani, S N *J Anim Sci* 36 (4): 622-634. Ref. Apr 1973

065009 49 J82
Heritabilities of & genetic & phenotypic correlations among some economically important traits of beef cattle. Francoise, J J *J Anim Sci* 36 (4): 635-639. Ref. Apr 1973

065010 49 J82
Genetic analysis of preweaning & postweaning lamb growth traits. Thrift, F A *J Anim Sci* 36 (4): 640-643. Ref. Apr 1973

065011 49 J82
Reproductive effeciency & viability in tow Bos indicus & two Bos taurus breeds in tropics of Intia & Colombia, [Cattle]. Lemka, L *J Anim Sci* 36 (4): 644-652. Ref. Apr 1973

065012 49 J82
Effects of breed & age classification on live weight & carcass traits of steers shown at international quality beef show. Scarth, R D *J Anim Sci* 36 (4): 653-657. Ref. Apr 1973

065013 49 J82
Factors affecting dystoia & effects of dystocia on subsequent reproduction in beef cattle. Laster, D B *J Anim Sci* 36 (4): 695-705. Ref. Apr 1973

065014 49 J82
Pituitary & gonadal hormones associated with fertile & nonfertile inseminations at synchronized & control estrus. [Cattle]. Wettemann, R P *J Anim Sci* 36 (4): 716-721. Ref. Apr 1973

065015 49 J82
Effects of methallibure on early pregnancy in swine. Schafer, J H *J Anim Sci* 36 (4): 722-725. Ref. Apr 1973

065016 49 J82
Early pregnancy diagnosis based upon plasma progesterone levels in cow & ewe. Shemesh, M *J Anim Sci* 36 (4): 726-729. Ref. Apr 1973

065017 49 J82
Effects of early weaning on postpartum reproduction of cows. Laster, D B *J Anim Sci* 36 (4): 734-740. Ref. Apr 1973

065018 49 J82
Effect of melengestrol acetate on rate of excretion of estrogen in urine of dairy heifers. Randel, R D *J Anim Sci* 36 (4): 741-748. Ref. Apr 1973

065019 448.8 J8293
Plasma lutenizing hormone & oestrogen in foetal & maternal sheep. Alexander, D P *J Endocrinol* 56 (2): 331-332. Feb 1973

065020 448.8 J8293
Luteinizing hormone & progesterone in peripheral blood during ovulatory cylce of hen Gallus domesticus. Furr, B J A *J Endocrinol* 57 (1): 159-169. Ref. Apr 1973

065021 448.8 J8293
Peripheral plasma levels of oxytocin & vasopressin in mare during parturition. Allen, W E *J Endocrinol* 57 (1): 175-176. Apr 1973

065022 442.8 AM3
Canadian hairless or sphinx cat. Robinson, R *J Hered* 64 (1): 47-49. Ref. Jan/-Feb 1973

065023 442.8 AM3
Interest in hybridization in Moravia before Mendel ame to Brno. [Plants, breeding, animals]. Orel, V *J Hered* 64 (1): 51-53. Ref. Jan/Feb 1973

065024 442.8 J8222
Changes occurring in head of boar spermatozoa: vesiculation or vacuolation of acrosome? Jones, R C *J Reprod Fertil* 33 (1): 113-118. Ref. Apr 1973

065025 442.8 J8222
Evidence for penetration of vitelline membrane of hen's ovum by a trypsin-like acrosomal enzyme. Howarth, B *J Reprod Fertil* 33 (1): 123-1259 ref. Apr 1973

065026 442.8 J8222
Sexual dimorphism in submaxillary gland of pig. Booth, W D *J Reprod Fertil* 33 (1): 163-166. Ref. Apr 1973

065027 442.8 J8222
Some aspects of composition of buffalo semen. Banerjee, A K *J Reprod Fertil* 33 (1): 171-173. Ref. Apr 1973

065028 442.8 J8222
Post-fertilization maternal effects on sperm dimensions of inbred mouse strains. Pant, K P *J Reprod Fertil* 33 (1): 175-177. Ref. Apr 1973

065029 442.8 J8222
Reproductive efficiency in aged female rabbits given supplemental progestrone & oestradiol. Larson, L L *J Reprod Fertil* 33 (1): 31-38. Ref. Apr 1973

065030 442.8 J8222
Electrophoresis of protein fractions from boar seminal plasma, vesicular secretion & epididymal plasma. Lavon, U *J Reprod Fertil* 33 (1): 39-51. Apr 1973

065031 442.8 J8222
Effects of avian & mammalian pituitary preparations on induction of ovulation in domestic fowl, Gallus domesticus. Imai, K *J Reprod Fertil* 33 (1): 91-98. Ref. Apr 1973

065032 442.8 J8222
Ovulation rate of Finn-Dorset sheep following unilateral ovariectomy or chlorpromazine treatment at different stages of oestrous cycle. Land, R B *J Reprod Fertil* 33 (1): 99-105. Ref. Apr 1973

065033 41.8 J8292
Control of reproduction & of undesirable social & sexual behaviour in dogs & cats. Gerber, H A *J Small Anim Pract* 14 (3): 151-158. Ref. Mar 1973

065034 SF1.K3
Effect of nitrofurazone on spermatogenesis in immature rat. (Jap) Yamamoto, S *Jap J Anim Reprod* 18 (3): 110-112. Eng. Sum. Dec 1972

065035 49.9 K85W
Ram evaluation results on basis of thier own utility & that of their progeny in 1968 & 1969. (Pol) Nawara, W *Krakow Inst Zootech Wydawnictwa Wlasne* 7 (224), 473 P. Ref. Eng. Sum. 1972

065036 511 R442
Methods for leukocyte cultivation of full bovine blood for cytogenetic investigation. (Rus) Zhilevich, A *Latv Psr Zinat Akad Vestis Izv* 11: 48-51. 1972

065037 44.9 M382
What you need to know to get more cows in calf. [Breeding, estrus]. MacMillan, K L *Massey Univ Dairyfarming Annu* P. 58-71. Oct 1972

065038 44.9 M382
A mating information wheel for seasonal herds. Hill, D *Massey Univ Dairyfarming Annu* P. 76-78. Oct 1972

065039 44.9 M382
Advancement of calving. Merrall, M *Massey Univ Dairyfarming Annu* P. 89-92. Oct 1972

065040 41.8 M463
Influence of addition of reduced glutathione & cysteine to frozen semen on its fertilizing properties. (Pol) Slaweta, L *Med Wet* 29 (1): 11-12. Eng. Sum. Jan 1973

065041 41.8 M463
Multiple abdominal pregnancy in a hare found out in November. (Pol) Zadura, J *Med Wet* 29 (1): 48-49. Jan 1973

065042 41.8 M463
Ultraviolet sterilization of biological containers for semen preservation in liquid nitrogen. (Pol) Piasecka-Serafin, M *Med Wet* 29 (1): 8-10. Ref. Eng. Sum. Jan 1973

065043 41.8 M463
Evaluation of fertility in Black Pied Lowland bulls. I. Reproductive ability of young bulls based on investigations carried out in years 1965 – 1971. (Pol) Roslanowski, K *Med Wet* 29 (2): 108-112. Ref. Eng. Sum. Feb 1973

065044 41.8 M463
Reasons of difficult parturitions & their influence on reproductive capacity of cows. (Pol) Detkens, S *Med Wet* 29 (2): 113-116. Ref. Eng. Sum. Feb 1973

065045 S11.O78
Current views on swine breeding. (Swe) Nilsson, H *Medlemsbl Ostergotlands Lans Hushallningssallsk* 5 (3): 18-22. 1972

065046 18 N39
On way to wonder swine. [Breeding]. (Ger) Wolff, H *Mitt Deut Landwirt-ges* 87 (47): 1187-1188. Nov 16, 1972

065047 18 N39
Critical thoughts concerning modern swine breeding. (Ger) Reuter, H *Mitt Deut Landwirt-ges* 88 (14): 386, 388. Apr 5, 1973

065048 43.9 N212
Job of promotion & advertising. [Artificial insemination, beef cattle]. Brown, W F *Nat Ass Anim Breeders Proc* 26Th: 88-90. 1972

065049 QH301.N33
Reiteration frequency of duck haemoglobin genes. Bishop, J D *Nat New Biol* 241 (111): 204-207. Ref. Feb 14, 1973

065050 412.628 N812
Interest in cross breeding mink. (Nor) Mathisen, J *Norsk Pelsdyrbl* 47 (4): 138-140. Feb 20, 1973

065051 412.628 N812
Blue fox breeding season. [Arctic foxes]. (Nor) Solberg, K *Norsk Pelsdyrbl* 47 (4): 144-145. Feb 20, 1973

065052 20.5 N86
Improving livestock population as a factor of development of animal production. (Pol) Oberman, E *Nowe Roln* 22 (5): 11-13. Mar 1/15, 1973

065053 20.5 N86
Union of Breeding Stock Production Enterprises takes part in improving mass livestock farming. (Pol) Warchol, P *Nowe Roln* 23 (6): 18-20. March 16/31, 1973

065054 S11.N93
Performance & economy related to time of calving from using cows of different ages. (Dan) Elleby, F *Nye Dan Landbrug* 4 (3): 25-27. Mar 1973

065055 513 OB3
On mating system of dairy cattle. I. Possibility of inbreeding in Tokachi dairy cattle population. (Jap) Mitsumoto, T *Obihiro Zootech Univ Res Bull* (Ser. 1) 7 (4): 611-617. Eng. Sum. Jan 1973

065056 100 OH3S (2)
New look in meat animals. *Ohio Agr Res Develop Center Res Bull* 1061: 18-19. 1972

065057 41.8 P53
A study on incidence of pregnancy in slaughtered animals. [Cattle, buffaloes, swine]. Cruz, Z G *Philippine J Vet Med* 11 (1): 67-74. June 1972

065058 41.8 P53
A study on incidence of right-horn & left-horn pregnancies in slaughtered pregnant native cows & carabaos. Santos, B S *Philippine J Vet Med* 11 (1): 75-80. Ref. June 1972

065059 20.5 P84
Achievements in field of biology of reproduction in animals. (Pol) Strzezek, J *Postepy Nauk Roln* 4: 39-58. 1972

065060 SF481.P64
Chicken germ resources – origin & development. Subbarayudu, D *Poult Guide* 10 (2): 19-25. Feb 1973

065061 SF481.P64
Breeding for autosexing in commercial chicken. Chhabra, A D *Poult Guide* 10 (2): 33-35. Ref. Feb 1973

065062 49 P952
Utilization in selective breeding of some phenotypic corelations & heritability indices of useful characteristics of long-wool sheep. (Pol) Nawara, W *Przegl Hodowlany* 40 (11): 16-19. June 1/15, 1972

065063 49 P952
Polish Black Pied Lowlands cattle. II. (Pol) Kwasieborski, J *Przegl Hodowlany* 40 (11): 9-12. June 1/15, 1972

065064 49 P952
Dairy cattle herd improvement. (Pol) Bujwid, J *Przegl Hodowlany* 40 (12): 3-4. June 16/30, 1972

065065 49 P952
Causes of infertility & sterility in cows. (Pol) Bujwid, J *Przegl Hodowlany* 40 (13/14): 5-6. July 1/31, 1972

065066 49 P952
Swine breeding in Szczecin province. (Pol) Skotnicki, F *Przegl Hodowlany* 41 (17): 13-14. Sept 1/15, 1972

065067 49 P952
Meaning of common action of genotype & environment in livestock breeding. (Pol) Kownacki, M *Przegl Hodowlany* 41 (17): 3-4. Sept Sept 1/15, 1972

065068 49 P952
Selection & utilization of bulls in artificial insemination stations of Gdansk & Poznan provinces. (Pol) Morstin, J *Przegl Hodowlany* 41 (17): 6-8. Sept 1/15, 1972

065069 49 P952
Some remarks on change of type in Black Pied Lowland cattle of Poland. (Pol) Grabowski, R *Przegl Hodowlany* 41 (17): 8-10. Sept 1/15, 1972

065070 49 P952
Current state of & development trends in artificial insemination of livestock. (Pol) Glod, W *Przegl Hodowlany* 41 (18): 21-22. Sept 19/30, 1972

065071 49 P952
Remarks on goals, organization, & cooperation of livestock evaluation stations with artificial insemination stations. (Pol) Cybulski, J *Przegl Hodowlany* 41 (19): 1-4. Oct 1/15, 1972

065072 49 P952
Polish purebred Arab horse & his influence on world Arab horse breeding. (Pol) Detkens, S *Przegl Hodowlany* 41 (19): 11-14. Oct 1/15, 1972

065073 49 P952
Remarks on date of insemination of cows after calving. (Pol) Konarski, W *Przegl Hodowlany* 41 (19): 15-17. Oct 1/15, 1972

065074 49 P952
A voice in discussion on Black Pied Lowland cattle. (Pol) Kwialkowski, J *Przegl Hodowlany* 41 (19): 5-6. Oct 1/15, 1972

065075 49 P952
Productivity of ewes born singly or as twins. (Pol) Domanski, A *Przegl Hodowlany* 41 (20): 14-18. Oct 16/31, 1972

065076 49 P952
Perfecting Polish Red cattle in Siemiatycze county, Bialystok province. (Pol) Kwiatkowski, J *Przegl Hodowlany* 41 (20): 2-5. Oct 16/31, 1972

065077 49 P952
Utilization in breeding of some phenotypic correlations & of heritability indices of useful characteristics of long-wool sheep. (Pol) Nawara, W *Przegl Hodowlany* 41 (21): 16-19. Nov 1/15, 1972

065078 SF191.R3
Reproductive physiology research at University of Wyoming. [Cows]. Dunn, T G *Range Ctry USA* P. 32-35, 37. Sept 1972

065079 13 R322
First experiences with Canadian Holstein-Friesian cattle imported in Belgium. (Fre) Brabander, D L Ede *Rev Agr (brussels)* 25 (11/12): 1663-1691. Ref. Eng. Sum. Nov/Dec 1972

065080 24 R323
Infertility of animal species: Its economic importance & prevention. [Cattle]. (Por) Cannas Simoes, J M *Rev Agr (mocambique)* 15 (153): 17, 19-24. Dec 1972

065081 41.8 R3226
Present situation of reproduction of livestock in Venezuela: Fertility indices in dairy & meat livestock; factors which affect reproductive efficiency, perspectives. (Spa) Hernandez Prado, A *Rev Vet Venezolana* 34 (198): 11-21. Jan 31, 1973

065082 41.8 R3226
Effect of nutrition & management on reproduction of beef cattle. (Spa) Warnick, A C *Rev Vet Venezolana* 34 (198): 30-40. Jan 31, 1973

065083 41.8 R3226
Puerperal affections & their influence on reproduction. [Cattle]. (Spa) Sosa, G S de *Rev Vet Venezolana* 34 (198): 41-54. Ref. Jan 31, 1973

065084 49 P943
On optimum duration for glycerine treatment of bull semen relative to freezing it in liquid nitrogen. (Rum) Boureanu, A *Rev Zootech Med Vet* 23 (1): 17-22. Ref. Jan 1973

065085 49 P943
Herd improvement is determining factor in progress of animal industry. [Livestock, breeding]. (Rum) Dinescu, S *Rev Zootech Med Vet* 23 (1): 5-9. Jan 1973

065086 SF1.R54
Breeding of swine: heterotic hybrids. (Ita) Semprini, P *Rilancio Agric Vet Zootec* 4 (10): 11-12. 1972

065087 SF1.R54
Sterility caused by industrial civilization. [Cattle reprod uction]. (Ita) Maletto, S *Rilancio Agric Vet Zootec* 4 (11/12): 25-27. 1972

065088 SF1.R54
Livestock reproduction; aspects of sex attraction. (Ita) Bonadonna, T *Rilancio Agric Vet Zootec* 4 (8/9): 30-32. 1972

065089 HD1940.C95P74
Results of commercial crossing of cattle in South Bohemian region (growth & development). (Cze) Konicek, R *Sb Vys Sk Zemed Praze, Provozne Ekon Fak, Cesk Budejovicich, Biol Rada* 10 (2): 71-81. Ref. Eng. Sum. 1972

065090 S13.S44
Specific features of metabolism in semen of bulls, rams, & boars. (Rus) IAblonskii, V A *Sel'skokhoz Biol* 8 (1): 100-103. Ref. Eng. Sum. Jan/Feb 1973

065091 S13.S44
Cattle breeding in Armenia. (Rus) Voskanian, V B *Sel'skokhoz Biol* 8 (1): 70-74. Eng. Sum. Jan/Feb 1973

065092 S13.S44
On hereditary characteristics of composition of skin in 18-months' old twin heifers. (Rus) Ernst, L K *Sel'skokhoz Biol* 8 (1): 75-81. Ref. Eng. Sum. Jan/Feb 1973

065093 S13.S44
Symptoms of heterosis in crosses of lines of hens of egg-laying type. (Rus) Sergeev, V A *Sel'skokhoz Biol* 8 (1): 87-94. Ref. Eng. Sum. Jan/Feb 1973

065094 S13.S55
Genetics for agriculture. [Plants, livestock]. (Rus) Shumnyi, V K *Sib Vestn S-kh Nauk* 6: 114-117. Nov/Dec 1972

065095 QH431.A1G43
Determination of genotype of various populations of Gallus domesticus with respects to character of blood catalase. [Poultry]. Shabalina, A T *Sov Genet* 6 (5): 587-590. Ref. Translated Feb 1, 1973

065096 QH431.A1G43
Relation of transferrin & hemoglobin types to some physiological & biochemical processes in organism, with reference to problem of pleiotropic gene action. [Cattle]. Mandrusova, E E *Sov Genet* 6 (5): 591-596. Ref. Translated Feb 1, 1973

065097 SF391.S9
Comparative evaluation of development of young swine. [Breeding, Mirgorod, Landrace]. (Ukr) Shkurupii, P IA *Svynarstvo* 16: 12-19. 1972

065098 SF391.S9
Duration of pregnancy of sows & their reproductive capacity. (Ukr) Pochernaiev, F K *Svynarstvo* 16: 19-24. 1972

065099 SF391.S9
Productive quality of swine on breeding farms of Ukrplemtrest. (Ukr) Harbuz, M T *Svynarstvo* 16: 3-7. 1972

065100 SF391.S9
Fattening & slaughter qualities of mixed breed swine. [Large White, Landrace]. (Ukr) Koval'chuk, E O *Svynarstvo* 16: 37-41. 1972

065101 SF391.S9
On metabolism in young swine obtained by various methods of matching. [Large White swine]. (Ukr) Holub, N D *Svynarstvo* 16: 42-44. 1972

065102 SF391.S9
Features of weight & linear growth of swine of various breeds. [Large White, Mirgorod, Landrace]. (Ukr) Danyliuk, B P *Svynarstvo* 16: 52-57. 1972

065103 SF391.S9
Productivity of sows & boars relative to age. [Breeding]. (Ukr) Ladyhin, V P *Svynarstvo* 16: 7-12. 1972

065104 SF391.S9
Physicochemical properties & fatty acid composition of lard of various swine breeds relative to weight conditions. [Mirgorod, Large White, Landrace]. (Ukr) Trots'kyi, M IA *Svynarstvo* 16: 74-80. 1972

065105 SF391.S9
Types of transferrins & their relationship with economically useful traits in swine. [Large, White, Mirgorod, Pietrain, Landracw]. (Ukr) Berezovs'kyi, M D *Svynarstvo* 16: 81-85. 1972

065106 SF391.S9
Dynamics of several metabolites of carbohydrate metabolism in boar spermatozoa when stored. (Ukr) Kurylo, IU H *Svynarstvo* 16: 88-94. 1972

065107 S3.S8
An alternative method of combining different sources of information in ranking of breeding animals. Ronningen, K *Swed J Agric Res* 2 (4): 203-207. 1972

065108 44.8 OF2
Artificial insemination. [Cattle]. (Fre) Biset, L *Tech Lait* 28 (771, Special No.): 19. Mar 3, 1973

065109 100 T31P
Evaluation of total production efficiency of different systems of crossbreeding. [Cattle]. Cartwright, T C *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3111/3131: 19-23. Nov 1972

065110 100 T31P
Characterization of double muscled syndrome. I. Genetics. [Cattle]. Kieffer, N M *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3111/3131: 38-43. Nov 1972

065111 41.8 T445
Modern fertility advancement on cattle farms. (Ger) Dieter, R *Tierarztl Umsch* 28 (1): 11-15. Jan 1, 1973

065112 41.8 T445
Supplementary mineral feed for improving herd fertility. (Ger) Mally, F *Tierarztl Umsch* 28 (2): 73-76. Feb 1, 1973

065113 41.8 T445
Fertility of animals – a possibility for biological testing of feed & nutrients. (Ger) Aehnelt, E *Tierarztl Umsch* 28 (4): 155-160. Ref. Apr 1, 1973

065114 41.8 T445
Working program of veterinarian control of stock for furthering fertility & for breeding biological value determination of female cattle (Estimating breeding value). (Ger) Dieter, R *Tierarztl Umsch* 28 (4): 167-170. Apr 1, 1973

065115 49 T443
Relations between manimum performance & fertility rate of cattle. (Ger) Schonmuth, G *Tierzucht* 26 (11): 402-403. Nov 1972

065116 49 T443
Problems related to reproduction of cow stocks in dairy units on industrial lines. (Ger) Ilgner, J *Tierzucht* 26 (11): 404-406. Nov 1972

065117 49 T443
Expanded reproduction to intensify breeding work on cattle stock at Gross Kreutz. [East Germany]. (Ger) Schmalz, G *Tierzucht* 26 (11): 407-409. Nov 1972

065118 49 T443
Effect of different forms of keeping on reproduction performance of sows. (Ger) Schlegel, W *Tierzucht* 26 (11): 409-410. Nov 1972

065119 49 T443
On relations between date & result of cattle insemination. (Ger) Schmidt, D *Tierzucht* 26 (11): 411-412. Nov 1972

065120 49 T443
News on EDP system Cattle (part 'insemination') & ideas on its further development. (Ger) Kruger, E *Tierzucht* 26 (11): 413-415. Nov 1972

065121 49 T443
Method of scaling partial performances (estimation of expected performance) in EDP system for cattle breedi ng in German Democratic Republic. (Ger) Geissler, B *Tierzucht* 26 (11): 415-417. Nov 1972

065122 49 T443
Securing fertility rate of sows when reducing sucking period to four of five weeks. (Ger) Tschinkel, I *Tierzucht* 26 (11): 420-422. Nov 1972

065123 49 T443
Securing high fertility rates of first-farrowing sows. (Ger) Kaiser, H *Tierzucht* 26 (11): 424-425. Nov 1972

065124 49 T443
Effect of different dates of injection an different dosages of cycle starters on th reproduction behaviour of sows after four weeks of lactation. (Ger) Schlegel, W *Tierzucht* 26 (11): 426-427. Nov 1972

065125 49 T443
Practical experience in oestrus synchronization & insemination of a gilt population kept under industry-like conditiions of production. (Ger) Henze, A *Tierzucht* 26 (11): 430-434. Nov 1972

065126 49 T443
Continuous production of ram semen in course of year. (Ger) Bruckner, G *Tierzucht* 26 (11): 434-437. Nov 1972

065127 49 T443
Measures of breeding hygiene & experience for obtaining good results in pig breeding under industry-like conditions of production. (Ger) Kubsch, H I *Tierzucht* 26 (12): 450-452. Dec 1972

065128 49 T443
Experience gained in industry-like reproduction technologies in course of production in a cooperative unit for 1000 store pigs at Grossobringen. [East Germany]. (Ger) Symalzel, K H *Tierzucht* 26 (12): 452-453. Dec 1972

065129 49 T443
Organizing reproduction in cooperation association 'Fleischschwein' on basis of industry-like reproduction technologies. [Swine]. (Ger) Schultz, G *Tierzucht* 26 (12): 454-456. Dec 1972

065130 49 T443
Standardized documentation & interpretation of fertility rate by means of electronic data processing in case of artificial insemination. (Ger) Grumbach, F *Tierzucht* 26 (12): 456-458. Dec 1972

065131 49 T445
Hereditary resultus of Holstein-Friesian bulls from Teaching & Experiment Institute of Munich veterinary faculty in Oberschleissheim. (Ger) Krausslich, H *Tierzuchter* 24 (22): 646-647. Nov 20, 1972

065132 49 T445
Correlations between properties of milk performance & characteristics of fattening performances, & carcass value of beef cattle. (Ger) Jongeling, C *Tierzuchter* 24 (24): 710-712. Dec 20, 1972

065133 49 T445
Hormonal triggering of premature puberty in young sows. (Ger) Schilling, E *Tierzuchter* 24 (24): 714-715. Dec 20, 1972

065134 49 T445
Economical evaluation of effectivity of pure breeding programs. I. [Livestock]. (Ger) Kohne, M *Tierzuchter* 25 (1): 10, 12-13. Jan 1973

065135 49 T445
Methods to detect heat in cattle. (Ger) Leidl, W *Tierzuchter* 25 (1): 13-14. Jan 1973

065136 49 T445
Cattle breeding area Schleswig-Holstein. (Ger) Rutzen, *Tierzuchter* 25 (1): 2-5. Jan 1973

065137 49 T445
Cattle breeding area Weser-Elbe. (Ger) Rath, G *Tierzuchter* 25 (1): 5-7. Jan 1973

065138 49 T445
Cattle breeding area Weser-Ems. (Ger) Wilke, G *Tierzuchter* 25 (1): 8-10. Jan 1973

065139 49 T445
Cattle breeding program topic: Baden-Wurttemberg breeding area. (Ger) Moser, H *Tierzuchter* 25 (2): 46-50. Feb 5, 1973

065140 49 T445
On economic valuation of efficiency of pure breeding programs. II. [Cattle]. (Ger) Kohne, M *Tierzuchter* 25 (2): 50-52. Feb 5, 1973

065141 49 T445
Testing of bulls by difficult parturition from view of a rural controll association. (Ger) Schumann, H *Tierzuchter* 25 (2): 56-57. Feb 5, 1973

065142 49 T445
Progeny testing by easy calving & few calf losses: Results & experiences. (Ger) Dreyer, D *Tierzuchter* 25 (2): 58-61. Feb 5, 1973

065143 QH573.T75
Association of autosome with X-chromosome in cattle (Bos taurus). (Rus) Gol'dman, I L *Tsitol Genet* 7 (1): 3-5. Eng. Sum. Jan/Feb 1973

065144 S542.R6U5
Contribution to study of main morphological characteristics of first generation Friza X Bruna cross. [Cattle]. (Rum) Stoica, G *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 413-418. 1971 (Pub. 1972)

065145 S542.R6U5
Contribution to study of main morphological characteristics of Friza X Baltata Romaneasca Gl cross. [Cattle]. (Rum) Rotaru, I *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 419-424. 1971 (Pub. 1972)

065146 S542.R6U5
Studies on process of sheep improvement in some flocks in southern Oltenia. (Rum) Popescu, C S *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 433-438. 1971 (Pub. 1972)

065147 100 UT1F
Genetic improvement of dairy cattle. Lamb, R C *Utah Sci* 33 (4): 113-114. Dec 1972

065148 20 AK16
Biological & economic effectiveness of pregnant mare serum. [Fertility, sheep, sterility]. (Rus) IUzlikaev, R D *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 60-62. Jan 1973

065149 20 AK16
Types of hemoglobin, transferrins & protein composition of blood serum of breeding bulls at Ufa station of artificial insemination. (Rus) Shokurov, A E *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 63-65. Jan 1973

065150 20 AK16
Quantitative makeup of black & gray Karakul lambs relative to variants in mating & litter number. (Rus) Kucherbaev, Ch *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 66-68. Jan 1973

065151 20 AK16
Biochemical indices of metabolic functions of blood in cows according to stages of their sexual cycle. (Rus) Abbasov, B *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 43-46. Feb 1973

065152 20 AK16
Evaluating heredity of productive qualities in rams of different constitutional types at Dzhambul State Breeding Station. (Rus) Kul'kov, P I *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 47-50. Feb 1973

065153 20 M66
Industrial crossing of Black Pied cows with Charolais bulls. (Bel) Haiko, A A *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 1: 77-80. 1973

065154 41.8 V641
Oestrous cycles in Ayrshire cows before & after insemination. Boyd, H *Vet Rec* 92 (16): 427-428. Apr 21, 1973

065155 41.8 V6463
On course & diagnosis of ovulation in cows. (Bul) Ushev, D *Vet Sbirka* 69 (4): 33-37. 1972

065156 41.8 V6463
For harder work aimed at increasing fecundity & reproduction in sheep. (Bul) Minchev, P *Vet Sbirka* 69 (9): 3-4. 1972

065157 41.8 V6429
Inhibition of antifertility effect of PGF2a in rat by means of progesterone. (Spa) Olmedo Olmedo, J A *Veterinaria (madrid)* 37 (11): 589-599. Ref. Eng. Sum. Nov 1972

065158 41.8 V6426
On well organized operations in artificial insemination of cows. (Rus) Gorbulinskii, I M *Veterinariia* 1: 76-78. 1973

065159 41.8 V6426
Protecting ram sperm from contamination. (Rus) Aliev, N IA *Veterinariia* 2: 84-85. Feb 1973

065160 41.8 V6426
Electrocardiographic control of pregnancy dates in cows. (Rus) Golikov, A N *Veterinariia* 2: 87-88. Feb 1973

065161 41.8 V6426
Prophylaxis of infertility in cows. (Rus) Rodin, I I *Veterinariia* 3: 77-79. Feb 1973

065162 41.8 V6426
Gravohormone & progesterone for inducing sexual function in cows. (Rus) Cheremisinov, G A *Veterinariia* 3: 80-82. Feb 1973

065163 41.8 V6426
Warning of bacterial contamination of stallion sperm. (Rus) Kuklin, A D *Veterinariia* 3: 87-88. Feb 1973

065164 41.8 V6426
For increased reproduction of herd. [Artificial insemination]. (Rus) Gorokhov, B I *Veterinariia* 4: 74-76. Apr 1973

065165 20 V82
Growth & development of Lebedin crosses with bulls of meat breeds. (Ukr) Minenko, V I *Visnyk Sil's'kohospodar Nauk* 1: 85-909 Jan 1973

065166 20 V82
Planning of breeding operations in commercial cattle herd. (Ukr) Ars'onov, O T *Visnyk Sil's'kohospodar Nauk* 1: 90-94. Jan 1973

065167 20 V82
Generative function of ovaries of Askania-Nova type of Karakul sheep & their multiple litters. (Ukr) Shynkarenko, I S *Visnyk Sil's'kohospodar Nauk* 1: 94-98. Jan 1973

065168 20 V82
Utilizing oxyhemometric studies in zootechnical practice. [Baby pigs, mortality, parturition]. (Ukr) Krutyporokh, F I *Visnyk Sil's'kohospodar Nauk* 3: 19-219 1973

065169 20 V82
Biological qualities of boar sperm under differing conditions of sexual utilization. (Ukr) Arkhypovets', O I *Visnyk Sil's'kohospodar Nauk* 3: 85-89. 1973

065170 41.8 V84
Milkability of Eastern Red Pied cattle. II. Correlations between milkability parameters. (Dut) Lampo, P *Vlaam Diergeneesk Tijdschr* 42 (1): 8-21. Ref. Eng. Sum. Jan 1973

065171 20 AK1
Evaluating breeding bulls & increased multiple breeding of herd. (Rus) Vlasov, V I *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 2: 23-25. Feb 1973

065172 20 AK1
Genetic polymorphism of some blood proteins in relation to reproductive ability of cattle. (Rus) Kushner, Kh F *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 2: 26-27. Feb 1973

065173 20 AK1
Polymorphism of Y-chromosomes in cattle population. (Rus) Zhivalev, I K *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 2: 30-32. Ref. Feb 1973

065174 41.8 T345
Studies on transitory sterilisation of heifers with gestagenic agents. Ii. (Ger) Arbeiter, K *Wien Tierarztl Monatsschr* 60 (4): 124-127. Eng. Sum. Apr 1973

065175 41.9 B753
Hemoglobin polymorphism in cattle. (Pol) Nikolajczuk, M *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 20 : 7-51. Ref. Eng. Sum. 1972

065176 41.9 B753
Some of laboratory indices for evaluation of genital organ in bulls. (Pol) Senze, A *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 21: 181-187. Ref. Eng. Sum. 1972

065177 41.9 B753
Glutamic acid (GA) in disorders of spermatogenesis in bulls. (Pol) Senze, A *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 21: 189-193. Eng. Sum. 1972

065178 41.9 B753
Hormonal treatment of cryptorchism in bulls & dogs. (Pol) Senze, A *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 21: 195-200. Ref. Eng. Sum. 1972

065179 41.9 B753
Geriocain in some varieties of infertility in bulls. (Pol) Senze, A *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 21: 201-205. Eng. Sum. 1972

065180 41.9 B753
Effect of chlormadinon CAP (VEB Jenapharm) on sexual activity of bulls & rams. (Pol) Senze, A *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 29: 207-213. Eng. Sum. 1972

065181 41.9 B753
Synchronization of estrus in heifers & cows by means of chlormadinon (VEB Jenapharm production). (Pol) Senze, A *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 29: 215-223. Ref. Eng. Sum. 1972

065182 41.9 B753
Studies on semen collection by masturbation method & on ejaculation reflex in dogs. (Pol) Dubiel, A *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 29: 225-234. Eng. Sum. 1972

065183 40.19 AN42
Feedlot performance & carcass quality of Brown Swiss, Native Gray cattle, & their crosses. (Tur) Kendir, H S *Yayin Vet Isleri Gen Mudurlugu Lalahan Zootek Arastirma Enst* 12 (3/4): 39-56. Ref. Eng. Sum. 1972

065184 41.8 Z5
Urinary oestrogen determinations in dog during oestrus & pregnancy. (Ger) Horst, H J *Zentralbl Veterinarmed Reihe A* 20 A (1): 77-83. Ref. Eng. Sum. Jan 1973

065185 20.5 Z5
Consequences of storing poultry semen frozen in liquid nitrogen. (Pol) Chelmonska, B *Zeszyty Probl Postepow Nauk Roln* 124, 151-155. Ref. Eng. Sum. 1972

065186 49 Z65
Study on wool yield components in Caucasian sheep. [Breeding]. (Bul) Mikhailova, L *Zhivotnovudni Nauk* 10 (1): 11-18. Ref. Eng. Sum. 1973

065187 49 Z65
Relationship between duration of pregnancy in swine & fertility, viability & development of baby pigs before weaning. (Bul) Tomov, V *Zhivotnovudni Nauk* 10 (1): 115-119. Ref. 1973

065188 49 Z65
Breeding program for Bulgarian Red cattle. 1. Theoretical basis of planning of breeding work. (Bul) Petersen, P H *Zhivotnovudni Nauk* 10 (1): 131-136. Eng. Sum. 1973

065189 49 Z65
Study of heredity of hide supply & dynamics of its development in finewooled sheep.3. Wool content of progeny in some variants selected by type. (Bul) Dimitrov, I *Zhivotnovudni Nauk* 10 (1): 19-24. Ref. 1973

065190 49 Z65
Results from crossing Karnobat ewes with Merino rcaucasian rams. I. (Bul) Belevska, R K *Zhivotnovudni Nauk* 10 (1): 3-10. Eng. Sum. 1973

065191 49 Z65
On combining ability between certain breeds of swine & their use n crossbreeding. 2. Productivity, fattening & slaughter qualities of some varieties of a three-breed crossing. (Bul) Angelov, I *Zhivotnovudni Nauk* 10 (1): 41-51. Ref. 1973

065192 49 Z65
Phenotypic & genotypic correlations & coefficient of heredity of proteins in cow's milk. (Bul) Karabaliev, I *Zhivotnovudni Nauk* 10 (1): 53-59. Ref. 1973

065193 49 Z62
On intensification of reproduction process in animal breeding. (Bul) Radev, G *Zhivotnovudstvo* 26 (7): 103. July 1972

065194 49 Z62
Effect of variation in liveweight of sows at impregnation on their reproduction capacity. (Bul) Beremski, S *Zhivotnovudstvo* 26 (7): 12-15. July 1972

065195 49 Z62
Use of genetic parameters in cattle selection. (Bul) Vankov, K *Zhivotnovudstvo* 26 (7): 24-28. July 1972

065196 49 Z62
Herediatay shortcomings & methods of their control. [Livestock]. (Bul) Venev, I *Zhivotnovudstvo* 26 (7): 29-32. July 1972

065197 49 Z62
Retention of afterbirth with reference to reproduction capacity in cows. (Bul) Khristov, V *Zhivotnovudstvo* 26 (7): 4-7. July 1972

065198 49 Z62
Reserves for raising meat production in sheep breeding. (Bul) Solomonov, Kh *Zhivotnovudstvo* 26 (7): 8-11. July 1972

065199 49 Z62
Performance testing of boars. (Bul) Krustev, D *Zhivotnovudstvo* 26 (8): 21-23. July 1972

065200 49 Z62
Half-Throughbred horses for riding: Methods of improve ment. (Bul) Chashkin, I N *Zhivotnovudstvo* 26 (8): 24-28. July 1972

065201 49 Z62
Effects of inbreeding on pedigreed lambs. (Bul) Minev, P P *Zhivotnovudstvo* 26 (8): 29-30. July 1972

065202 49 Z62
District of Russe ranks first in cattle breeding. (Bul) Ivanov, P *Zhivotnovudstvo* 26 (8): 41-45. July 1972

065203 49.9 C33
Fertility & growth of rabbits of White New Zealand & Californian breeds. (Cze) Granat, J *Zivocisna Vyroba* 17 (12): 931-940. Ref. Eng. Sum. Dec 1972

065204 49.9 C33
Use of inter-breed crossing in improvement of Slovak Pied & Pinzgau cattle. (Slo) Plesnik, J *Zivocisna Vyroba* 17 (9): 663-672. Ref. Eng. Sum. Sept 1972

065205 49.9 C33
Use of inter-breed crossing in improvement of Slovak Pied & Pinzgau cattle. (Cze) Plesnik, J *Zivocisna Vyroba* 17 (9): 663-672. Ref. Eng. Sum. Sept 1972

065206 49.9 C33
Investigation of production properties of Black Pied Lowland cattle in CSSR. (Cze) Dvoracek, M *Zivocisna Vyroba* 17 (9): 673-682. Ref. Eng. Sum. Sept 1972

065207 49.9 C33
Comparison of fattening and carcass value in offsprings of breeding boars and their sows. (Cze) Fiedler, J *Zivocisna Vyroba* 17 (9): 709-714. Ref. Eng. Sum. Sept 1972

065208 SF105.A1Z8
Studies of transposition from medium to fine French straws in cattle insemination. (Ger) Kupferschmied, H *Zuchthygiene* 7 (2): 67-71. Eng. Sum. June 1972

065209 SF105.A1Z8
Phosphatase activity in seminal fluid of healthy bulls. (Ger) Kupper, U *Zuchthygiene* 7: 145-152. Ref. Eng. Sum. Dec 1972

065210 SF105.A1Z8
Regulation of sexual cycle in cattle with chlormadinone acetate. (Ger) Schatzle, M *Zuchthygiene* 7: 152-162. Ref. Eng. Sum. Dec 1972

065211 SF105.A1Z8
Significance of prostaglandin E2 in regulation of contraction of uterus. I. In-vitro studies on myometrium of pig. [Estrus]. (Ger) Russe, M W *Zuchthygiene* 7: 162-169. Ref. Eng. Sum. Dec 1972

065212 SF105.A1Z8
I. Total iodine & protein-bound iodine determination in cows in relation to tue sexual cycle. II. influence of PMS [pregnant mare serum] & oestrogen treatment on total iodine & protein-bound iodine content of serum in cows. (Ger) Singh, B K *Zuchthygiene* 7: 170-175. Ref. Eng. Sum. Dec 1972

VETERINARY MEDICINE

065213 SF604.B7
Effects of combination of Stresnil & Hypnodil in horse. Roztocil, V *Acta Vet (brno)* 41 (3): 271-280. Ref. 1972

065214 SF604.B7
Differentiation staining of bone tissue on topographic anatomic sections with alizarin red. Cerveny, C *Acta Vet (brno)* 41 (3): 303-307. Ref. 1972

065215 256.13 AG82M
Northern Ireland pig health scheme. Hutchison, M *Agric North Irel* 47 (12): 416-419. Apr 1973

065216 449.9 AM3J
A bookshelf on veterinary public health. Steele, J H *Amer J Public Health* 63 (4): 291-311. Ref. Apr 1973

065217 41.8 AM3A
Evaluation of pharmacologic agents for restraint in cystometry in dog & cat. Oliver, J E *Amer J Vet Res* 34 (5): 665-668. Ref. May 1973

065218 41.8 AM3A
Stock for restraint of dog during lymphatic duct drainage & other minor surgical procedures. Theis, J H *Amer J Vet Res* 34 (5): 693-694. May 1973

065219 41.8 AM3
Central inlay bone graft for correction of radiocarpal deformity in a dog. Tadmor, A *Amer Vet Med Assoc J* 162 (8): 640-641. Apr 15, 1973

065220 41.8 AM3
Effect of certain internal fixation devices on functional limb USAge in dogs. Braden, T D *Amer Vet Med Assoc J* 162 (8): 642-646. Apr 15, 1973

065221 41.8 AM3
Plate fixation of comminuted femoral shaft fractures in dog. Hohn, R B *Amer Vet Med Assoc J* 162 (8): 646-647. Apr 15, 1973

065222 41.9 C67
Problematic of company veterinarian. (Spa) Costa Batllori, P *An Col Ofic Vet Prov (barcelona)* 30 (342): 1-2. Jan 1973

065223 49 C43
Planning of sanitation program for poultry. 1. (Jap) Kono, K *Anim Husb (tokyo)* 26 (7): 953-958. July 1972

065224 41.8 AN78
General anesthesia of dog by inhalation. (Fre) Massart, D *Ann Med Vet* 117 (2): 129-133. Mar 1973

065225 41.8 AN78
Effects of cadmium on hypophyseal-testicular function. [Rats]. (Fre) Munoz, B *Ann Med Vet* 117 (2): 75-91. Ref. Eng. Sum. Mar 1973

065226 41.8 L49
Tasks of veterinarians in protection of environment & public health. (Ger) Grossklaus, D *Arch Lebensm-hyg* 24 (3): 60-64. Ref. Eng. Sum. Mar 1973

065227 389.78 AR22
Establishment of a duodenal bridge fistula in cows. (Ger) Girschewski, H *Arch Tierernahr* 22 (8): 529-532. Oct 1972

065228 SF604.A52
Rectal palpation in cow. [Pregnancy]. (Por) Campanarut Barnabe, R *Atual Vet* 1 (4): 10-14. Nov/Dec 1972

065229 SF604.A52
Causes & control of bovine leukosis. (Por) Rosenberger, G *Atual Vet* 1 (4): 20-25. Nov/Dec 1972

065230 41.8 AU1
Animal technicians & veterinary medicine. Powe, T A *Auburn Vet* 29 (2): 85-86. Winter 1973

065231 41.8 AU72
Anaesthesia in dog & cat. Massey, G M *Aust Vet J* 49 (4): 207-210. Rer. Apr 1973

065232 9.2 C34
Avicultural themes: Three years of diagnosis of avian diseases. (Por) Hipolitò, O *Avic Ind* 63 (756): 70-72, 74. Dec 1972

065233 41.9 B61
German veterinarians in third world. (Ger) Bruckle, F W *Blauen H Tierarzt* 5: 501-510. Mar 1973

065234 41.9 B61
Frequent animal diseases & their world wide distribution. (Ger) Schonherr, S *Blauen H Tierarzt* 50: 475-500. Mar 1973

065235 41.9 B61
Actual problems of veterinary medicine research in chemical-pharmaceutical industry. (Ger) Bauer, F *Blauen H Tierarzt* 50: 521-527. Mar 1973

065236 41.9 B61
Contribution of beterinary medicine to environment. (Ger) Gemmer, H *Blauen H Tierarzt* 50: 529-542. Ref. Mar 1973

065237 41.9 B61
Endoscopic observations of teh inner genital organs (pelviscopy) of horse & donkey. (Ger) Heinze, H *Blauen H Tierarzt* 50: 555-560. Mar 1973

065238 41.9 B61AE
Veterinary schools of world. Schonherr, S *Blue Book Vet Prof* 22: 125-126. Map. 1972

065239 58.9 B85M
Stabilization of vacuum in milking machines for maintaining health conditions of udders. (Hun) Toth, L *Budapest Mezogazdasagi Gepkiserleti Intezet* 19 (6), 32 P. Eng. Sum. 1972

065240 41.8 B872
Hypothermia – a practical aid in veterinary surgery. Gilbert, G H *Bull Epizoot Dis Afr* 20 (3): 239-249. Ref. Sept 1972

065241 41.8 C11
Different positions of greater omentum in displacement to left of abomasum: Surgical consequences. (Fre) Hekmati, P *Cah Med Vet* 41 (6): 223-226. Nov/Dec 1972

065242 41.8 C11
Principal sanitary problems in relation to housing cattle & swine. (Fre) Theret, M *Cah Med Vet* 42 (2): 59-75. Ref. Mar-/Apr 1973

065243 41.8 C162
Hematological & pathological changes in acute systemic anaphylaxis in calves. Effects of pharmacological agents. Wells, P W *Can J Comp Med* 37 (2): 119-129. Apr 1973

065244 41.8 C162
Technique & applications of lymphography. Davidson, J W *Can J Comp Med* 37 (2): 130-138. Ref. Apr 1973

065245 41.8 R3224
Bilateral subcostal laparotmony for correction of a diaphragmatic hernia. Furneaux, R W *Can Vet J* 14 (1): 19-20. Jan 1973

065246 49 C29
When your cows abort. Bailey, J W *Cattleman* 49 (11): 60, 63. Apr 1973

065247 41.9 C333
Scientific & technical acticities of state veterinary institutes over past two decades. (Cze) Kral, J *Czech Min Zemed Les Hospod Ustav Vedeckotech Inform Vet Med* 17 (10): 629-635. Oct 1972

065248 HD9437.D4D3
Institute for Poultry Disease. (Dan) Marthedal, H E *Dan Erhvervsfjerkrae* 2 (6): 125-127. Mar 15, 1973

065249 43.8 F66
Research in animal health areas will be stressed at veterinary college. Meyerholz, G W *Fla Cattleman Livestock J* 37 (8): 32. May 1973

065250 286.81 G764
Calf health & handling practices. Kirkpatrick, J *Grain Prod News* 24 (2): 10-11. Feb 1973

065251 44.8 H65
Hot & cold therapy can help joint injuries. Allenstein, L C *Hoards Dairyman* 118 (8): 554-555. Apr 25, 1973

065252 275.29 ID13IDC
PSS: porcine stress syndrome. Jacobs, J A *Idaho Univ Ext Idaho Curr Inform Ser* 193, 2 P. Jan 1973

065253 SF771.N6
Zoohygienic basis for livestock housing & maintenance on specialized farm complexes. (Rus) Komarov, N M *In Novoe v Lechenii i Profilaktike Infektsionnykh Boleznei Zhivotnykh* P. 37-52. 1972

065254 SF1.I4
A note on pharmacological activity of Clerodendon infortunatum leaves. [Dogs]. Joshi, H C *Indian J Anim Health* 11 (2): 199-201. Dec 1972

065255 41.8 IR4
Some surgical procedures for prevention of recurrent prolapse of vagina in cattle. Hartigan, P J *Irish Vet J* 27 (1): 4-6. Jan 1973

065256 41.8 IR4
Phenylbutazone in equine practice: a review. Barragry, T B *Irish Vet J* 27 (1): 7-11. Ref. Jan 1973

065257 10 J822
A technique for liver biopsy in sheep. Phillippo, M *J Agr Sci (London)* 80 (2): 313-314. Apr 1973

065258 41.8 J8292
Treatment of gastric dilation & torsion in dog. Gastric decompression by gastrostomy under local analgesia. Pass, M A *J Small Anim Pract* 14 (3): 131-142. Mar 1973

065259 41.9 J275
Livestock sanitation in Thailand. (Jap) Sakaki, K *Jap Vet Med Ass J* 26 (3): 140-144. Mar 1973

065260 41.9 J275
Veterinary medicine, veterinarian & veterinary medical association. II. Progress in preventive veterinary medicin e. (Jap) Fujii, S *Jap Vet Med Ass J* 26 (3): 149-152. Mar 1973

065261 41.8 K67
Causes of disease & mortality of aging dogs in light of statistics. (Ger) Sandersleben, J V *Kleintier – praxis* 18 (2): 25-26, 28, 30-32. Mar 1973

065262 41.8 K67
Results with Ketanest with Vetalar in small animal veterinary practice. (Ger) Wojkowsky, A *Kleintier – praxis* 18 (2): 44-48. Eng. Sum. Mar 1973

065263 389.78 K85
Veterinary care agreements & first experiences in Baden-Wurttemberg. (Ger) Haug, E *Kraftfutter* 56 (4): 166-167. Eng. Sum. Apr 1973

065264 41.8 V644
Pharmaceutical prevention & therapy – as seen today. [Veterinary medicine]. (Hun) Kovacs, J *Magyar Allatorv Lapja* 28 (2): 63-67. Feb 1973

065265 41.8 V644
Veterinary aspects of Hungarian pharmaceutical industry. (Hun) Lami, G *Magyar Allatorv Lapja* 28 (2): 72, 77-79. Eng. Sum. Feb 1973

065266 41.8 V644
Experimental & clinical use of histoacryl tissue-adhesive. [Veterinary medicine]. (Hun) Somogyvari, K *Magyar Allatorv Lapja* 28 (2): 85-89. Ref. Eng. Sum. Feb 1973

065267 41.8 V644
Reflections on improved management. [Veterinary medicine]. (Hun) Denes, L *Magyar Allatorv Lapja* 28 (2): 91-92, 95. Feb 1973

065268 41.8 V644
Dr. Vilmos Csiszar, 1906 – 1972. [Veterinarians]. (Hun) *Magyar Allatorv Lapja* 29 (3): 113-115. Mar 1973

065269 41.8 M463
Evaluation of trivetrin in treatment of animals. [Cattle, horses, swine, bacterial diseases]. (Pol) Fryc, J *Med Wet* 29 (1): 39-42. Eng. Sum. Jan 1973

065270 41.8 M463
Automatic device for blood collection in animals. (Pol) Jedrzak, L *Med Wet* 29 (1): 49-51. Jan 1973

065271 41.8 M463
Examination of sensorial sensitivity in reference to tasks of Veterinary Sanitary Inspection. (Pol) Bilska, W *Med Wet* 29 (2): 105-108. Feb 1973

065272 41.8 M463
Evaluation of 'leukemic keys' in case of nodular leukemia in cattle. (Pol) Scheuring, W *Med Wet* 29 (2): 99-100. Ref. Feb 1973

065273 20 M57
Animal hygiene in industrialized swine-raising. (Rus) Stoianov, P *Mezhdunar Sel'skokhoz Zh* 2: 91-95. 1973

065274 41.8 M742
Veterinary problems in further development of industrialised animal production with particular reference to diseases of cattle. (Ger) Hubrig, T *Monatsh Veterinarmed* 28 (1): 11-17. Eng. Sum. Jan 1, 1973

065275 41.8 M742
Politico-ideological content of cooperation in veterinary medicine research to materialise complex program of Council for Mutual Economic Assistance. (Ger) Rummler, H J *Monatsh Veterinarmed* 28 (5): 165-170. Eng. Sum. Mar 1, 1973

065276 41.8 M742
Veterinary hygienic requirements in establishing or reorganizing facilities for industrialized livestock farming. (Ger) Kurzweg, W *Monatsh Veterinarmed* 28 (5): 174-178. Eng. Sum. Mar 1, 1973

065277 41.8 M742
Modern methods of cleaning & disinfection in industrialized livestock farming complexes. (Ger) Sakomyrdin, A A *Monatsh Veterinarmed* 28 (5): 183-188. Eng. Sum. Mar 1, 1973

065278 41.8 M742
Electron-microscopic studies into problems relating to muscle & pork conditions, with particular reference to pathogenesis of pale, soft, exudative pork (PSE pork). (Ger) Bergmann, V *Monatsh Veterinarmed* 28 (7): 245-250. Ref. Eng. Sum. Apr 1, 1973

065279 41.8 M742
Occupational eczema in veternarians. (Ger) Kleine-Natrop, H E *Monatsh Veterinarmed* 28 (7): 257-261. Ref. Eng. Sum. Apr 1, 1973

065280 41.8 M742
Safety rules & operation of a veterinary X-ray centre. (Ger) Nagel, E *Monatsh Veterinarmed* 28 (7): 261-263. Eng. Sum. Apr 1, 1973

065281 41.8 M742
Chronic catheter in pig ear. [blood sampling]. (Ger) Grun, E *Monatsh Veterinarmed* 28 (7): 263-265. Ref. Eng. Sum. Apr 1, 1973

065282 20.5 OL8
Investigations on influence of tranquillizing drugs, derivates of phenotiazine on body weight gain in farm animals. [Cattle, swine, chickens]. (Pol) Fitko, R *Olsztyn Wyzsza Szkola Roln Zeszyty Nauk* 28 (2): 221-234. Ref. Eng. Sum. 1972

065283 20.5 OL8
Investigation of different millipore filter kinds utility for insulin labelled 125I & 131I separation from insulin – antibody complex. [Iodine]. (Pol) Janowicz, K *Olsztyn Wyzsza Szkola Roln Zeszyty Nauk* 28 (2): 243-253. Ref. Eng. Sum. 1972

065284 20.5 OL8
Therapeutic usefulness of Aniron preparation in calves & piglets for control of some diseaes. (Pol) Markiewicz, K *Olsztyn Wyzsza Szkola Roln Zeszyty Nauk* 28 (2): 255-263. Ref. 1972

065285 41.8 P53
A preliminary study on effects of Rompun as a sedative in dogs. Lacuata, A Q *Philippine J Vet Med* 11 (1): 116-125. Ref. June 1972

065286 41.8 P53
Paracentesis of equine eye. Herling, I E *Philippine J Vet Med* 11 (1): 126-128. June 1972

065287 41.8 P53
Fundamental ocular pharmacology. Herling, I E *Philippine J Vet Med* 11 (1): 60-66. June 1972

065288 281.9 B87
Diseases of newborn calf; Results of ITEB inquires. (Fre) Lafay, E *Prod Agr Fr* 49 (126): 34-35. (Continued) Mar 1973

065289 41.8 R25
Surgical treatment of sucking in cows. [Vices]. Tadmor, A *Refuah Vet* 29 (4): 169-173. Dec 1972

065290 41.8 R25
Animal health in 1971. Dafni, I *Refuah Vet* 29 (4): 173-181. Dec 1972

065291 41.8 B86
General anaesthesia with controlled respiration performed on horses. (Spa) Capaul, E G *Rev Med Vet (buenos Aires)* 53 (6): 521-525. Eng. Sum. 1972

065292 41.8 R3226
Possibility & necessity of veterinary function for increase of animal production. (Spa) Baier, W *Rev Vet Venezolana* 34 (198): 22-29. Jan 31, 1973

065293 41.8 R3226
Puerperal affections & their influence on reproduction. [Cattle]. (Spa) Sosa, G S de *Rev Vet Venezolana* 34 (198): 41-54. Ref. Jan 31, 1973

065294 49 P943
Absorption & excretion of antibiotics & sulfamides used in treating disorders of mammary glands. [Cattle]. (Rum) Campean, C *Rev Zootech Med Vet* 23 (1): 60-65. Ref. Jan 1973

065295 286.85 D48
On practical work of veterinary students in slaughterhouse. (Ger) Brandes, H *Schlacht Viehhof-ztg* 72 (11): 407-409. Nov 1972

065296 286.85 D48
Negotiation techniques, leadership style & motivations: A programmatic start for veterinary leadership strength. [Slaughterhouses]. (Ger) Ring, C *Schlacht Viehhof-ztg* 72 (11): 410-413. Ref. Nov 1972

065297 286.85 D48
Livestock protection from veterinarian's viewpoint. (Ger) Kraft, H *Schlacht Viehhof-ztg* 73 (2): 60-62. Feb 1973

065298 41.8 SCH9
Chloroform as an anesthesia in a closed system as a substitute for halothane in horse. (Ger) Diehl, M *Schweiz Arch Tierheilk* 115 (1): 21-34. Ref. Eng. Sum. Jan 1973

065299 S13.S55
Veterinary service of Buryat-Mongolia at present stage. (Rus) Naimanov, I L *Sib Vestn S-kh Nauk* 6: 76-79. Nov/Dec 1972

065300 41.9 SV23
New apparatus for lifting cows. (Swe) Jonsson, G *Svensk Veterinartidn* 25 (6): 222-223. Mar 1973

065301 41.8 T31
Swine specimen's for laboratory analysis. Schwartz, W L *Tex Vet Med J* 35 (2): 24-25. Mar/Apr 1973

065302 41.8 T445
Indications & secondary effects of corticoid therapy in horse. (Ger) Breuer, D *Tierarztl Umsch* 28 (1): 15-16, 18-20. Ref. Jan 1, 1973

065303 41.8 T445
On Polish veterinary system. (Ger) Bruhann, W *Tierarztl Umsch* 28 (1): 26-30, 32. Jan 1, 1973

065304 41.8 T445
Kynology for veterinarians. I. (Ger) Wegner, W *Tierarztl Umsch* 28 (2): 54-56, 58-59. Ref. Feb 1, 1973

065305 41.8 T445
Regulation of fees for veterianarians within drug & pharmacy legislation. (Ger) Rossner, W *Tierarztl Umsch* 28 (2): 59-60. Feb 1, 1973

065306 41.8 T445
Prices of medicine & tariff for veterinarians (GOT). (Ger) Rossner, W *Tierarztl Umsch* 28 (3): 110-112, 114-116. Ref. Mar 1, 1973

065307 41.8 T445
Clinical experiences with Trimethoprim-Sulfadiazin (Tribrissen) in dogs & cats. (Ger) Brass, W *Tierarztl Umsch* 28 (3): 127-128, 130-131. Ref. Mar 1, 1973

065308 41.8 T445
Kynology for veterinarians. II. (Ger) Wegner, W *Tierarztl Umsch* 28 (4): 161, 164-167. Ref. Apr 1, 1973

065309 41.8 T445
Agriculture & veterinary medicine in New Zealand. I. Animal production. (Ger) Elliott, R E W *Tierarztl Umsch* 28 (4): 192-194, 196, Map. Ref. Apr 1, 1973

065310 41.8 T445
History of former Veterinary Institute respectively Veterinary Medicine School at Bamberg & Wurzburg. (Ger) Friess, H *Tierarztl Umsch* 28 (4): 198-201. Apr 1, 1973

065311 41.8 T445
In memoriam Jurgen Tiews. [Veterinarians]. (Ger) Bruggemann, J *Tierarztl Umsch* 28 (4): 201-202. Apr 1, 1973

065312 49 T443
Experience & problems related with a 'through' system of veterinary precautions of gradual production in dairying. (Ger) Schubert, *Tierzucht* 27 (3): 128-132. Mar 1973

065313 41.8 T431
Studies on mortality of calves on dairy farms in Province of North Brabant in 1969 & 1970. (Dut) Remmen, J W A *Tijdschr Diergeneesk* 98 (4): 193-199. Eng. Sum. Feb 15, 1973

065314 41.8 J93
In memoriam: Joze Kozel. [Veterinarians]. (Cro) Stefancic, A *Vet Glas* 26 (4): 313-314. 1972

065315 41.9 C333
Use of ketamine for dissociation anesthesia in cats. (Cze) Kral, E *Vet Med (prague)* 17 (9): 545-550. Eng. Sum. Sept 1972

065316 41.8 V6468
Comparative electrophoretic investigations using a veronal buffer & a mediator of carboxyl-methylcellulose. [Bovine blood]. (Bul) Bogdanov, M *Vet Med Nauk* 10 (1): 109-113. Eng. Sum. 1973

065317 41.8 V6468
Hygiene studies on production of eggs at industrial poultry dressing & breeding complexes. (Bul) Marinova, Ts *Vet Med Nauk* 9 (6): 91-95. Eng. Sum. 1972

065318 41.8 M69
Chemosis associated with malignant lymphoma in a heifer. Joyce, J R *Vet Med/-small Anim Clin* 68 (1): 33. Jan 1973

065319 41.8 V641
Advances in small animal anaesthesia, 1972. Stock, J E *Vet Rec* 92 (14): 351-354. Apr 7, 1973

065320 41.8 V641
A trial of premixed gases with methoxyfluorane as a possible method of anaesthesia in small animal practice. Clarke, K W *Vet Rec* 92 (14): 359-362. Apr 7, 1973

065321 41.8 V641
Disease factor in plans for domestication of wild ruminants in Africa. Hammond, J A *Vet Rec* 92 (14): 367-369. Ref. Apr 7, 1973

065322 41.8 V641
Experiences in clinical use of polyglycolic acid as an absorbable synthetic suture material. Borthwick, R *Vet Rec* 92 (15): 386-391. Apr 14, 1973

065323 41.8 V641
Pericardectomy as treatment for constrictive pericarditis in a cow. Nigam, J M *Vet Rec* 92 (8): 202-203. Ref. Feb 24, 1973

065324 41.8 V641
Some conditions of nasal chambers of dog & cat. Delmage, D A *Vet Rec* 92 717): 437-442. Apr 28, 1973

065325 41.8 V6463
Veterinary & sanitary control in poultry dressing establishments. (Bul) Vaptsarova, M *Vet Sbirka* 69 (4): 27-29. 1972

065326 41.8 V6463
Twenty-five years at service of veterinary science. (Bul) Kostov, P *Vet Sbirka* 69 (4): 4-5. 1972

065327 41.8 V6463
Dr. Stoian Kostakiev Tiulev. [Veterinarians]. (Bul) Stamatov, T *Vet Sbirka* 69 (4): 43-45. 1972

065328 41.8 V6463
Some aspects of technology & prophylaxis of industrial swine raising in Romania. (Bul) Dobrev, V *Vet Sbirka* 69 (4): 45-46. 1972

065329 41.8 V6463
Veterinary control in district of Targovishte. (Bul) Markov, M *Vet Sbirka* 69 (5): 28-31. 1972

065330 41.8 V6463
Veterinary prophylactic requirements for cattle farms under intensive production. I. (Bul) Gerov, K *Vet Sbirka* 69 (5): 37-39. 1972

065331 41.8 V6463
Rompun, an effective preparation used in veterinary surgery & obstetrics. (Bul) Goranov, Z *Vet Sbirka* 69 (5): 40-42. 1972

065332 41.8 V6463
Quality of milk, problem no 1 to be faced by veterinarians. (Bul) Iotov, I *Vet Sbirka* 69 (7): 29-32. 1972

065333 41.8 V6463
On prophylactic & therapeutic measures to be organized at calf-breeding complexes. (Bul) Gerov, K *Vet Sbirka* 69 (7): 38-41. 1972

065334 41.8 V6463
Use of test animals free from pathogenic microorganisms & common microorganisms in scientific & research practice. (Bul) Georgieva, R *Vet Sbirka* 69 (9): 24-269 1972

065335 41.8 V6463
Hygiene problems of breeding animals on unlittered floors. (Bul) Petrov, K *Vet Sbirka* 69 (9): 40-43. 1972

065336 SF604.V46
Blood levels of sulfonamide after intravenous application of two doses of sulfamethazine sodium to Leghorn chickens & broilers of different age. (Cze) Hegerova, E *Veterinaria (prague)* 14 (2): 119-128. Eng. Sum. 1972

065337 41.8 V6426
From history of veterinary service on stalingrad front. (Rus) Alichkin, S L *Veterinariia* 2: 115-119. Feb 1973

065338 41.8 V6426
Development of veterinary medicine in Chechen-Ingush ASSR. (Rus) Dikaev, V IU *Veterinariia* 2: 122. Feb 1973

065339 41.8 V6426
On hygiene of sheep housing & maintenance in Siberia. (Rus) Lebedev, P T *Veterinariia* 2: 27-29. Feb 1973

065340 41.8 V6426
Accelerated method of quantitative determination of ammonia in animal quarters. [Cattle]. (Rus) Kuranov, IUf *Veterinariia* 2: 32-34. Feb 1973

065341 41.8 V6426
Artificially induced abortion in sheep in order to obtain Karakul lambs. (Rus) Rakhimberdiev, A A *Veterinariia* 2: 86-87. Feb 1973

065342 41.8 V6426
Chloral hydrate narcosis for sheep with staggers. (Rus) Malov, A A *Veterinariia* 2: 96-97. Feb 1973

065343 41.8 V6426
Effectiveness of sanitary-zoohygienic conditions in raising calves. (Rus) Onegov, A P *Veterinariia* 3: 29-32. Feb 1973

065344 41.8 V6426
Effect of stress factors on health of baby pigs. (Rus) Voloshchik, P D *Veterinariia* 3: 32-34. Feb 1973

065345 41.8 V6426
Relationship between resistance of baby pigs & age & maintenance conditions. (Rus) Gudkin, A F *Veterinariia* 3: 34-36. Feb 1973

065346 41.8 V6426
Disinfecting livestock quarters by flame from a gas burner. (Rus) Tilga, V *Veterinariia* 3: 42-43. Feb 1973

065347 41.8 V6426
Antiseptics used in gynecology. [Livestock]. (Rus) Mikhailov, N N *Veterinariia* 3: 82-83. Feb 1973

065348 41.8 V6426
Indentification of mycobacteriophages in manure & sewage. [Veterinary medicine]. (Rus) Polkhovskii, V A *Veterinariia* 4: 31-33. Apr 1973

065349 41.8 V6426
Effect of structure of feed rations for cows on incidence of disease & loss of calves. (Rus) Kondrakhin, I P *Veterinariia* 4: 88-90. Apr 1973

065350 41.8 V6426
Administration of Rompun to reindeer. [Veterinary medicine]. (Rus) Semenov, N S *Veterinariia* 4: 98. Apr 1973

065351 41.8 V84
Intravenous anaesthesis of distal part of limbs in cattle. (Dut) Moor, A de *Vlaam Diergeneesk Tijdschr* 42 (1): 1-7. Ref. Eng. Sum. Jan 1973

065352 SF604.V75
Results of work of Laboratory on studies & use of antibiotics in veterinary medicine for last five years (1966 – 1970). (Rus) Sarkisov, A Kh *Vses Akad S-kh Nauk Biull* 12: 93-95. 1972

065353 41.8 T345
A case of bovine Cesarean section complicated by torsion & rupture of uterus. (Ger) Ofner, W *Wien Tierarztl Monatsschr* 59 (10): 328. Eng. Sum. Oct 1972

065354 41.8 T345
Construction & clinical application of a circle-type rebreathing system for large animals. (Ger) Zetner, K *Wien Tierarztl Monatsschr* 60 (4): 127-129. Eng. Sum. Apr 1973

065355 41.8 T345
Study of effect of ODA 914 (Desaminooxytocin) on puerperal bovine uterus. (Ger) Arbeiter, K *Wien Tierarztl Monatsschr* 60 (4): 129-133. Eng. Sum. Apr 1973

065356 41.8 T345
Dissection courses & examinations in teaching of anatomy. (Ger) Preuss, F *Wien Tierarztl Monatsschr* 60 (4): 135-138. Eng. Sum. Apr 1973

065357 41.8 T345
Medieval lay castrators as predecessors of veterinary surgeons. (Ger) Steger, G *Wien Tierarztl Monatsschr* 60 (4): 143-146. Eng. Sum. Apr 1973

065358 41.9 B753
Premedication in sedation of undomesticated animals. (Pol) Gucwinski, A *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 21: 125-143. Ref. Eng. Sum. 1972

065359 41.9 B753
Cytochemical studies on glycogen contents in lymphocytes of lymphatic-leukemia suspected cows. (Pol) Slowik, J *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 21: 225-229. Ref. Eng. Sum. 1972

065360 41.9 B753
Bibliography of scientific papers of Veterinary Faculty – Agricultural University in Wroclaw for 1969 year. (Pol) Obminska, J *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 21: 243-269. 1972

065361 41.9 B753
Health of hens raised in typical coops with reference to environmental factors of South Great Poland Lowland. (Pol) Ciapala, M *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 28: 107-128. Ref. Eng. Sum. 1972

065362 41.9 B753
Health of broilers fattened in two poultry houses different in type. (Pol) Sokolowska-Rozowa, B *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 28: 129-155. Ref. Eng. Sum. 1972

065363 41.9 B753
Health of hens in typical coops with reference to environental factors of Tuchola district. (Pol) Lacki, J *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 28: 69-87. Ref. Eng. Sum. 1972

065364 41.9 B753
Health of hens raised in typical coops with reference to environmental factors of Jedrzejow district. (Pol) Bronkowski, S *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 28: 89-106. Ref. Eng. Sum. 1972

065365 41.9 B753
Resilience of union of polyester net with abdominal teguments. [Dogs]. (Pol) Zaleska-Palider, H *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 29: 115-136. Ref. Eng. Sum. 1972

065366 41.9 B753
Incidence of leukemia & tumors in cattle as observed in slaughtered animals. (Pol) Barnecki, W *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 29: 187-195. Ref. Eng. Sum. 1972

065367 41.9 B753
Further studies on leukemia in cattle. (Pol) Barnecki, W *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 29: 197-206. Eng. Sum. 1972

065368 41.9 B753
Bibliography of scientific papers on Faculty of Veterinary Medicine – Agricultural University of Wroclaw for 1970 year. (Pol) Obminska, J *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 29: 235-275. 1972

065369 41.8 Z5
Excretion, plasma-protein binding & dosage of some sulphonamides. II. Studies in cattle. (Ger) Tschudi, P *Zentralbl Veterinarmed Reihe A* 20 (2): 145-154. Ref. Eng. Sum. Mar 1973

065370 41.8 Z5
Excretion, plasma-protein binding & dosage of some sulphonamides. III. Studies in pig. (Ger) Tschudi, P *Zentralbl Veterinarmed Reihe A* 20 (2): 155-165. Eng. Sum. Mar 1973

065371 41.8 Z5
On pharmacodynamics of benzatcin. [Laboratory animals, dogs, cats]. Helmy, M M *Zentralbl Veterinarmed Reihe A* 20 A (1): 84-88. Ref. Jan 1973

INFECTIOUS AND PARASITIC DISEASES

065372 448.9 L59
Immunology of experimental infections with Schistosoma mansoni in swiss mouse & with Fasciola hepatica in rabbit. Deelder, A M *Acta Leidensia* 39, 107 P. Ref. 1973

065373 SF604.B7
Diagnosis of infectious bovine rhinotracheitis by immunofluorescence. Pospisil, Z *Acta Vet (brno)* 41 (3): 281-286. 1972

065374 SF604.B7
Detection of developmental stages of Eimeria tenella in cell culture by indirect fluorescent antibody reaction. [Chickens]. Klimes, B *Acta Vet (brno)* 41 (3): 287-291. 1972

065375 SF604.B7
Disinfection efficiency of peracetic acid under low temperatures in trials carried out in vitro. [Staphylococcus epidermidis]. Simunek, J *Acta Vet (brno)* 41 (3): 293-296. 1972

065376 SF604.B7
Electrophoretic analysis of milk proteins in subclinical mastitis. [Dairy cattle]. Jankova, B *Acta Vet (brno)* 41 (3): 297-302. Ref. 1972

065377 41.8 V6447
Diaethylaminoaethyl-dextran as an adjuvant in vaccines against foot-and-mouth disease in swine. Turubatovic, R *Acta Vet (Beograd)* 22 (3): 151-155. 1972

065378 442.8 AL6
Spread of Anaplasma ovis. (Rus) Peteshev, V M *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 2: 56-63. Map. Mar/Apr 1973

065379 511 AK192D
Immune characteristics of cattle lympholeukemia. 7. Action of hisphen on phagocytic properties of inflammatory exudative cells. (Rus) Luksys, L *Akad Nauk Litov Ssr Darbai Tr Ser C* 3 (59): 103-113. Ref. Eng. Sum. 1972

065380 449.9 AM3J
Survival of Salmonella typhimurium in animal manure disposal in a model oxidation ditch. Will, L A *Amer J Public Health* 63 (4): 322-326. Ref. Apr 1973

065381 41.8 AM3A
Scanning electron microscopy of erythrocytes adsorbed by ribonucleic acid virus-infected cells in vitro. Pirtle, E C *Amer J Vet Res* 34 (5): 605-609. Ref. May 1973

065382 41.8 AM3A
Natural intestinal infection with Chlamydia psittaci in a closed bovine herd: serologic changes, incidence of shedding, antibiotic treatment of herd, & biologic characteristics of Chlamydiae. Page, L A *Amer J Vet Res* 34 (5): 611-614. Ref. May 1973

065383 41.8 AM3A
Pathogenicity of a strain of Chlamydia psittaci of bovine intestinal origin for neonatal calves. Smith, P C *Amer J Vet Res* 34 (5): 615-618. Ref. May 1973

065384 41.8 AM3A
Anthelmintic activity of morantel tartrate in calves. Ciordia, H *Amer J Vet Res* 34 (5): 619-620. May 1973

065385 41.8 AM3A
Anthelmintic efficacy of morantel tartrate in cattle. Conway, D P *Amer J Vet Res* 34 (5): 621-622. May 1973

065386 41.8 AM3A
Naturally occurring infection of calves with a bovine adenovirus. Mattson, D E *Amer J Vet Res* 34 (5): 623-629. Ref. May 1973

065387 41.8 AM3A
Transplacental hog cholera infection in susceptible sows. Stewart, W C *Amer J Vet Res* 34 (5): 637-640. Ref. May 1973

065388 41.8 AM3A
Action of certain antiprotozoal compounds against Babesia gibsoni in dogs. Ruff, M D *Amer J Vet Res* 34 (5): 641-645. Ref. May 1973

065389 41.8 AM3A
Cytopathic effects of Leptospira serotypes patoc & canicola in three kidney cell culture systems. Finn, M A *Amer J Vet Res* 34 (5): 669-672. Ref. May 1973

065390 41.8 AM3A
Survival of bluecomb agent in embryonating turkey eggs & cell cultures. Deshmukh, D R *Amer J Vet Res* 34 (5): 673-675. May 1973

065391 41.8 AM3A
Precipitin test & soluble antigen fluorescent antibody technique for detecting Dirofilaria immitis in dogs. Ellsworth, J H *Amer J Vet Res* 34 (5): 689-692. Ref. May 1973

065392 41.8 AM3A
Scanning electron microscopic features of haemobartonella felis. [Cats]. Jain, N C *Amer J Vet Res* 34 (5): 697-700. May 1973

065393 41.8 AM3A
Passive hemagglutination test for histoplasmosis, using histoplasmin-sensitized formalinized sheep erythrocytes. Pant, K D *Amer J Vet Res* 34 (5): 705-706. Ref. May 1973

065394 41.8 AM3A
Viral isolates from livestock in northern Nigeria: 1966 – 1970. Kemp, G E *Amer J Vet Res* 34 (5): 707-710. Ref. May 1973

065395 41.8 AM3A
C-type virus particles in avian bursa of Fabricius cells grown in vitro. Naqi, S A *Amer J Vet Res* 34 (5): 711-712. May 1973

065396 440.9 AM33
Contribution to biology of fowl cestode Raillietina echinobothrida with a note on its pathogenicity. Nadakal, A M *Amer Microscop Soc Trans* 92 (2): 273-276. Ref. Apr 1973

065397 41.8 AM3
Pneumocystis carinii pneumonia in two foals. Shively, J N *Amer Vet Med Assoc J* 162 (8): 648-652. Ref. Apr 15, 1973

065398 41.8 AM3
Procedures for treatment & prevention of canine heartworm disease. [Dirofilaria immitis]. Jackson, R F *Amer Vet Med Assoc J* 162 (8): 660-661. Apr 15, 1973

065399 41.8 AM3
Public health aspects of Venezuelan equine encephalitis. Parker, R L *Amer Vet Med Assoc J* 162 (9): 777-779. Map. Ref. May 1, 1973

065400 41.8 AM3
Distribution of bovine paratuberculosis in United States. Kopecky, K E *Amer Vet Med Assoc J* 162 (9): 787-788. Maps. May 1, 1973

065401 49 C43
Infectious Staphylococcus diseases in poultry. 1. (Jap) Shimizu, T *Anim Husb (tokyo)* 26 (11): 59-62. Nov 1972

065402 49 C43
Exotic infectious diseases of domestic animals & preventive systems overseas. (Jap) Ogata, M *Anim Husb (tokyo)* 27 (4): 25-30. Apr 1973

065403 49 C43
Disinfecting methods & automatic spraying equipment for prevention of epidemic pneumonia in swine. (Jap) Yokozeki, M *Anim Husb (tokyo)* 27 (4): 39-44. Ref. Apr 1973

065404 49 C43
Pathogeny of coccidiosis in Japanese quails. 2. (Jap) Tsutsumi, Y *Anim Husb (tokyo)* 27 (4): 57-60. Ref. Apr 1973

065405 41.8 AN78
Comparative study of infective larvae of 'digestive strongyles' of cattle in Belgium & their frequency. (Fre) Pandey, V S *Ann Med Vet* 117 (2): 103-121. Ref. Eng. Sum. Mar 1973

065406 41.8 AN78
Ovine listeriosis. (Fre) Derzelle, E *Ann Med Vet* 117 (2): 123-127. Mar 1973

065407 41.8 L49
A method for intra vitam identification of anitbiotics contamination. 2. [Cattle]. (Ger) Seifert, H S H *Arch Lebensm-hyg* 24 (3): 66-70. Mar 1973

065408 41.8 AR25
Production & control of bovine PPD [purified protein derivative] tuberculin (national standard). (Ita) Zavanella, M *Arch Vet Ital* 23 (5): 363-368. Ref. Eng. Sum. Oct 31, 1972

065409 SF604.A52
Decline of agglutinins in blood serum of heifers in different groups, vaccinated against bovine brucellosis, Amostra B 19. (Por) Rossini, A J *Atual Vet* 1 (4): 26-29. Nov/Dec 1972

065410 41.8 AU1
A study on efficacy of diethyl ether inhalation in treatment of canine distemper. Womer, R *Auburn Vet* 29 (2): 52-57. Ref. Winter 1973

065411 41.8 AU1
Pre-exposure rabies immunization for veterinarians. Schnurrenberger, P R *Auburn Vet* 29 (2): 67-70. Ref. Winter 1973

065412 41.8 AU72
Studies on vaccines against bovine ephemeral fever. Tzipori, S *Aust Vet J* 49 (4): 183-187. Apr 1973

065413 41.8 AU72
An outbreak of tetanus-like disease in cattle. Ramsay, W R *Aust Vet J* 49 (4): 188-189. Apr 1973

065414 41.8 AU72
Common trees with ovine perinatal mortality. [Lambs]. Hore, D E *Aust Vet J* 49 (4): 190-195. Ref. 1973

065415 41.8 AU72
Australian exotic animal disease control plans. Gee, R W *Aust Vet J* 49 (4): 196-201. Apr 1973

065416 41.8 AU72
Mycobacterium avium serotype 2 infection in a sheep. Barton, M D *Aust Vet J* 49 (4): 212-213. Apr 1973

065417 41.8 AU72
Equine phycomycosis. Connole, M D *Aust Vet J* 49 (4): 214-215. Ref. Apr 1973

065418 41.8 AU72
Occurrence of salmonellas on hides & fleeces of cattle & sheep at slaughter. Smith, M G *Aust Vet J* 49 (4): 218-219. Apr 1973

065419 23 AU792
Trichostrongylosis & wool growth. I. Feed digestibility & mineral absorption in infected sheep. [Trichostrongylus colubriformis]. Barger, I A *Australian J Exp Agr Anim Husb* 13 (60): 42-47. Ref. Feb 1973

065420 9.2 C34
Mixed respiratory infections. [Poultry]. (Por) Lamas, J M *Avic Ind* 63 (756): 81-82. Dec 1972

065421 448.3 B13
Viral teratology. [Animals]. Fuccillo, D A *Bacteriol Rev* 37 (1): 19-31. Ref. Mar 1973

065422 41.8 B45
Studies on treatment of subclinical mastitis of cattle with isoxazolyl penicillin in dry period. 3. persistent residues of isoxazolyl penicillin in dry regular udd (Ger) Schmid, G *Berliner Munchener Tierarztl Wochenschr* 86 (3): 42-44. Ref. Eng. Sum. Feb 1, 1973

065423 41.8 B45
Serological series tests on antibodies against para-influenza-3 virus, Chlamydia, Coxiella burneti & IBR virus in a calf fattening farm. (Ger) Gossler, R *Berliner Munchener Tierarztl Wochenschr* 86 (3): 44-48. Ref. Eng. Sum. Feb 1, 1973

065424 41.8 B45
Research into influence of air humidity on tenacity of equine herpes virus (rhinopneumonitis virus) in different carriers. (Ger) Rirchhoff, H *Berliner Munchener Tierarztl Wochenschr* 86 (3): 48-50. Ref. Eng. Sum. Feb 1, 1973

065425 41.8 B45
Investigation of level of agent in blood plasma & lung tissue after intratracheal injection of Borgal-Hoechst in bovine. [Chronic bronchopneumonia]. (Ger) Hubl, B H *Berliner Munchener Tierarztl Wochenschr* 86 (8): 141-144. Eng. Sum. Apr 15, 1973

065426 QR73.B5
Evolution of immunoglobulin antigens in ruminantia. Curtain, C C *Biochem Genet* 8 (3): 301-308. Mar 1973

065427 381 B522
Structural studies on avian myeoblastosis virus: conditions for isolation & biochemical characteristics of core component. Stromberg, K *Biochim Biophys Acta* 304 (1): 1-11. Ref. Mar 30, 1973

065428 383 SO1
Fraction of 70S RNA from avian myeloblastosis virus, enriched in sequences quickly hybridizable with cellular DNA & associated with poly A. [Chickens]. (Fre) Monier, F *Biochimie* 54 (10): 1237-1244. Ref. Eng. Sum. 1972

065429 442.8 B529
On treatment of contagious dermatitis (bovine streptothricosis). (Por) Arantes, I G *Biologico* 38 (12): 419-423. Ref. Eng. Sum. Dec 1972

065430 442.8 B529
Cattle tuberculosis: Diagnosis by Mantoux's & Stormont's tests. (Por) Gottschalk, A F *Biologico* 38 (12): 424-428. Eng. Sum. Dec 1972

065431 442.8 B529
Vaccines against foot-and-mouth disease. (Por) Pustiglione Netto, L *Biologico* 38 (12): 429-432. Dec 1972

065432 41.9 B61
Worldwide effort against zoonosis – danger to health & husbandry. (Ger) Handler, J *Blauen H Tierarzt* 50: 511-518. Mar 1973

065433 41.9 B61
Serodiagnosis of endoparasites significant for veterinary medicine. (Ger) Enders, B *Blauen H Tierarzt* 50: 543-552. Ref. Mar 1973

065434 41.9 B61AE
Studies of antigen spectrum of turkey herpes & Marek's disease herpes viruses by means of agar gel precipitation. Bernhardt, D *Blue Book Vet Prof* 22: 131-133. 1972

065435 41.9 B61AE
Protective effect of vaccination & antibody production after combined administration of Newcastle disease & infectious bronchitis vaccines. Bengelsdorff, H J *Blue Book Vet Prof* 22: 144-151. 1972

065436 43.9 B775
Exotic diseases & their interference with animal movement. [Bluetongue, foot-and-mouth disease]. Brooksby, J B *Brit Cattle Breeders Club Dig* 28: 26-29. 1973

065437 41.8 C11
Immunology of coccidiosis in chicken. (Fre) Euzeby, J *Cah Med Vet* 42 (1): 3-40. Ref. Eng. Sum. Jan/Feb 1973

065438 TP368.C3
Enteropathogenic Escherichia coli in man & farm animals. Sojka, W J *Can Inst Food Technol J* 6 (2): 52-63. Ref. Apr 1973

065439 TP368.C3
Antibiotic feeding of farm animals & resistance factors in bacteria. Barnum, D A *Can Inst Food Technol J* 6 (2): 68-79. Ref. Apr 1973

065440 41.8 C162
In vitro studies of group E streptococci in swine leukocytes. I. Phagocytic & bactericidal properties of polymorphonuclear leukocytes from swine. Cargill, C F *Can J Comp Med* 37 (2): 107-111. Ref. Apr 1973

065441 41.8 C162
In vitro studies of group E streptococci in swine leukocytes. II. Phagocytic & bactericidal properties of macrophages from immune & nonimmune swine. Cargill, C F *Can J Comp Med* 37 (2): 112-115. Ref. Apr 1973

065442 41.8 C162
In vitro studies of group E streptococci in swine leukocytes. III. migration inhibition test as an indication of delayed hypersensitivity in streptococcic lymphadenitis. Cargill, C F *Can J Comp Med* 37 (2): 116-118. Apr 1973

065443 41.8 C162
Effect of chlortetracycline feed additive on experimental Salmonella infection of swine & antibiotic resistance transfer. [Salmonella canada, Salmonella enteritides, Salmonella typhimurium, Salmonella chorlerae-suis]. Finlayson, M *Can J Comp Med* 37 (2): 139-146. Ref. Apr 1973

065444 41.8 C162
Age dependent resistance to transmissible gastroenteritis of swine (YGE). I. Clinical signs & some mucosal dimensions in small intestine. Moon, H W *Can J Comp Med* 37 (2): 157-166. Ref. Apr 1973

065445 41.8 C162
Equine infectious anemia: sensitivity of agar-gel immunodiffusion test, & direct & indirect complement-fixation tests for detection of antibodies in equine serum. Carrier, S P *Can J Comp Med* 37 (2): 171-176. Ref. Apr 1973

065446 41.8 C162
Electron microscopy of intestinal epithelial cells of piglets infected with a transmissible gastroenteritis virus. Wagner, J E *Can J Comp Med* 37 (2): 177-188. Ref. Apr 1973

065447 41.8 C162
Effect of dietary crude protein level on intestinal & cecal coccidiosis in chicken. Sharma, V D *Can J Comp Med* 37 (2): 195-199. Ref. Apr 1973

065448 41.8 C162
Isolation of Escherichia coli 3157 from pigs with colibacillosis in Canada & United States. Glantz, P J *Can J Comp Med* 37 (2): 200-202. Apr 1973

065449 41.8 C162
Incident light immunofluorescence of alchol-fixed colonies of ruminant Mycoplasma. Tessler, J *Can J Comp Med* 37 (2): 207-209. Ref. Apr 1973

065450 41.8 C162
Preliminary observations on isolation of Escherichia coli bacteriophages from intestinal contents of chickens. Bhatia, T R S *Can J Comp Med* 37 (2): 210-213. Ref. Apr 1973

065451 41.8 C162
Comparative study of agar mediums for propagation of ruminant Mycoplasma. Tessler, J *Can J Comp Med* 37 (2): 214-216. Apr 1973

065452 41.8 C61
Sensitivity of bacterial strains isolated from dogs with otitis & cystitis to antimicrobial agents. (Ita) Poli, G *Clin Vet* 95 (12): 495-515. Ref. Eng. Sum. Dec 1972

065453 41.8 C61
Treatment of acute pancreatitis in dog. (Ita) Ballarini, G *Clin Vet* 95 (12): 495-515. Dec 1972

065454 41.8 C81
Listeric abortion studies in sheep. II. Feto-placental changes. Njoku, C O *Cornell Vet* 63 (2): 171-192. Ref. Apr 1973

065455 41.8 C81
Listeric abortion studies in sheep. III. Feto-placental-myometrial interaction. Njoku, C O *Cornell Vet* 63 (2): 193-210. Ref. Apr 1973

065456 41.8 C81
Listeric abortion studies in sheep. IV. Histophologic comparison of natural & experimental infection. [Listeria monocytogenes]. Njoku, C O *Cornell Vet* 63 (2): 211-219. Ref. Apr 1973

065457 41.8 C81
Kikuchi: enigk model of Strongylus vulgaris migrations in horse. Georgi, J R *Cornell Vet* 63 (2): 220-246. Ref. Apr 1973

065458 41.8 C81
Bovine abortions in five northeastern states, 1960 – 1970: evaluation of diagnostic laboratory data. Hubbert, W T *Cornell Vet* 63 (2): 291-316. Ref. Apr 1973

065459 SF191.D3
New vaccine is said to reduce calf scours by 70 percent. Zurowski, T *Dairy Herd Manage* 10 (4): 26. Apr 1973

065460 HD9437.D4D3
Fighting Marek's disease. [Avian lymphomatosis]. (Dan) Settnes, P *Dan Erhvervsfjerkrae* 2 (2): 31-34. Jan 15, 1973

065461 HD9437.D4D3
Vaccination for fowl paralysis (Marek's disease). [Avian lymphomatosis]. (Dan) Badstue, P B *Dan Erhvervsfjerkrae* 2 (4): 77-81. Feb 15, 1973

065462 HD9437.D4D3
Vaccination for Marek's disease (fowl paralysis). [Avian lymphomatosis]. (Dan) Marthedal, H E *Dan Erhvervsfjerkrae* 2 (5): 111. Mar 1, 1973

065463 41.9 D23
Fighting Marek's disease. [Avian lymphomatosis]. (Dan) Settness, O P *Danske Dyrlaegefor Medlemsbl* 56 (2): 54-62. Ref. Jan 15, 1973

065464 41.9 D23
Precipitation techniques for species differentiation in cattle as it relates to immunology. (Dan) Nielsen, F *Danske Dyrlaegefor Medlemsbl* 56 (5): 201-206. Mar 1, 1973

065465 41.9 D23
Vaccination for Marek's disease (fowl paralysis). [Avian lymphomatosis]. (Dan) Marthedal, H E *Danske Dyrlaegefor Medlemsbl* 56 (5): 210-211. Mar 1, 1973

065466 HD1970.A1E2
Treatment & control of rabbit diseases. II. Prophylaxis. (Ita) Prati, A *Econ Mont* 4 (33): 219. Aug 1972

065467 49 B462
Foot-and-mouth disease is almost gone in France: Must one continue to vaccinate cattle? (Fre) Fedida, D V M *Elevage* 16: 43, 45, 47, 49, 51. Mar 1973

065468 HD2022.A1E8
Foot-and-mouth disease, enemy number one of animal husbandry economy. (Spa) Plans y Sans de Bremond, F *Esp Agrar* 200: 7-9. Mar 31, 1973

065469 HD2022.A1E8
Foot-and-mouth disease menace today. (Spa) Plans y Sanz de Bremone, F *Esp Agrar* 200: 9-10. Mar 31, 1973

065470 41.9 B854
Mass death of geese caused by Erysipelothrix rhusiopathiae. (Hun) Polner, T *Evk Allagyogy Oltoanyagellenorzo Intez (budapest)* P. 247-263. Ref. Eng. Sum. 1968/72

065471 436.8 EX7
Babesia argentina, Plasmodium vivax and Plasmodium falciparum: Antigenic cross-reactions. [Cattle]. Ludford, C G *Exp Parasitol* 32 (3): 317-326. Ref. Dec 1972

065472 43.8 F66
Scours cause heavy losses in calf crops. [Escherichia coli]. Cripe, W S *Fla Cattleman Livestock J* 37 (8): 40. May 1973

065473 41.8 F712
Studies on development of Fasciola hepatica in rats. Corba, J *Folia Vet* 16 (3/4): 133-138. 1972

065474 41.8 F712
Experimental infection of milk gland of cows. [Streptococcus agalactiae, Staphylococcus aureus]. (Slo) Nemes, D *Folia Vet* 16 (3/4): 157-169. Ref. Eng. Sum. 1972

065475 41.8 F712
Cultivation of fowl plague virus at low temperatures. I I. Reproduction in cell cultures. [Chick embryos]. Gdovinova, A *Folia Vet* 16 (3/4): 171-183. Ref. 1972

065476 QD415.F4
Enhancement of potassium influx, in baby hamster kidney cells & chicken erythrocytes, during adsorption of parainfluenza 1 (Sendai) virus. Fuchs, P *FEbs Lett (fed Eur Biochem Soc)* 31 (1): 127-130. Apr 1, 1973

065477 24 G25
On leptospirosis. [Livestock]. (Por) Tello, M P *Gaz Agr (lourenco Marques)* 24 (278): 220-225. July 1972

065478 449.8 Z36P
Barrier function of shell membrane in chicken egg in defense against Salmonella infection. (Ger) Neurand, K *Gesundheits Desinfek* 65 (3): 34-36. Ref. Mar 1973

065479 43.8 G69
Gangrene of tail in cattle. Supekar, P G *Gosamvardhana* 20 (4/5): 14-15. July-/Aug 1972

065480 S15.I592
Hematological & thermic response to inoculation of Venezuelan type encephalomyelitis virus in horses & asses. (Spa) Rave V, G *Ica Rev (Inst Colomb Agropecuar)* 7 (1): 57-64. Eng. Sum. Mar 1972

065481 SF771.N6
Basis for diagnosis & prophylaxis for respiratory Mycoplasma infection in poultry. (Rus) Serebriakov, A S *In Novoe v Lechenii i Profilaktike Infektsionnykh Boleznei Zhivotnykh* P. 111-125. 1972

065482 SF771.N6
Prophylaxis for infertility of infectious disease origin in livestock. (Rus) Mikhailov, N N *In Novoe v Lechenii i Profilaktike Infektsionnykh Boleznei Zhivotnykh* P. 125-146. 1972

065483 SF771.N6
Pathological-morphological diagnosis of little-studied diseases of livestock. [Infectious diseases]. (Rus) Akulov, A V *In Novoe v Lechenii i Profilaktike Infektsionnykh Boleznei Zhivotnykh* P. 146-157. 1972

065484 SF771.N6
Effectiveness methods of administering antibiotics of prolonged action in cases of livestock diseases. (Rus) Sarkisov, A Kh *In Novoe v Lechenii i Profilaktike Infektsionnykh Boleznei Zhivotnykh* P. 157-175. 1972

065485 SF771.N6
New data on leukosis complex in cattle & its control. (Rus) Laktionov, A M *In Novoe v Lechenii i Profilaktike Infektsionnykh Boleznei Zhivotnykh* P. 175-189. 1972

065486 SF771.N6
Specific prophylaxis for ringworm in cattle. (Rus) Sarkisov, A Kh *In Novoe v Lechenii i Profilaktike Infektsionnykh Boleznei Zhivotnykh* P. 189-197. 1972

065487 SF771.N6
Diagnosis & specific prophylaxis for brucellosis in livestock. (Rus) Orlov, E S *In Novoe v Lechenii i Profilaktike Infektsionnykh Boleznei Zhivotnykh* P. 52-72. 1972

065488 SF771.N6
Prophylactic & anti-epizootic measures on swine-raising farm complexes. [Infectious diseases]. (Rus) Pritulin, P I *In Novoe v Lechenii i Profilaktike Infektsionnykh Boleznei Zhivotnykh* P. 7037. 1972

065489 SF771.N6
Principles & methods of prophylaxis & eradication of tuberculosis. [Cattle]. (Rus) Sharov, V A *In Novoe v Lechenii i Profilaktike Infektsionnykh Boleznei Zhivotnykh* P. 72-81. 1972

065490 SF771.N6
Differentiation of acid-resistant mycobacteria.[Cattle, tuberculosis]. (Rus) IUdin, G A *In Novoe v Lechenii i Profilaktike Infektsionnykh Boleznei Zhivotnykh* P. 82-90. 1972

065491 SF771.N6
Mycoplasma infections in livestock. [Cattle]. (Rus) Kovalenko, IA R *In Novoe v Lechenii i Profilaktike Infektsionnykh Boleznei Zhivotnykh* P. 90-110. 1972

065492 SF1.I4
Clostridium welchii type 'D' enterotoxaemia in calves. Kumar, P N *Indian J Anim Health* 1 (2): 169-172. Ref. Dec 1972

065493 SF1.I4
Incidence of tuberculosis in pigs. Bhattacharyya, H M *Indian J Anim Health* 11 (2): 129-135. Ref. Dec 1972

065494 SF1.I4
Raising of Mycoplasma free flock by dipping of hatching eggs in erythromycin solution prior to incubation. [Chickens]. Bhambani, B D *Indian J Anim Health* 11 (2): 141-145. Ref. Dec 1972

065495 SF1.I4
Conglutinating complement antibody response in buffalo bulls following simultaneous inoculation with virulent rinderpest virus & antirinderpest serum. Singh, G *Indian J Anim Health* 11 (2): 157-162. Dec 1972

065496 SF1.I4
Studies on persistent yolk sac condition in chicks. III. Pathologic lesions in experimentally infected baby chicks with Escherichia, Proteus & Aerobacter organisms. Bhatia, K C *Indian J Anim Health* 11 (2): 173-176. Dec 1972

065497 SF1.I4
Application of milk ring test in survey of brucellosis in Andhra Pradesh. Sreemannarayana, O *Indian J Anim Health* 11 (2): 177-181. Ref. Dec 1972

065498 SF1.I4
Studies on histopathology of porcine pneumonia. I. Bacterial & viral. Bhattacharyya, H M *Indian J Anim Health* 11 (2): 187-191. Ref. Dec 1972

065499 SF1.I4
Investigations into an outbreak of blindness in chicks. [Avian lymphomatosis]. Sharma, R N *Indian J Anim Health* 11 (2): 193-197. Ref. Dec 1972

065500 SF1.I4
Comparison of two vaccines against Brucella abortus infection in guineapigs. Mukhopadhyay, A K *Indian J Anim Health* 11 (2): 203-208. Dec 1972

065501 SF1.I4
Studies on avian Mycoplasma. I. Isolation of avian Mycoplasma. Ghoshal, S P *Indian J Anim Health* 11 (2): 209-214. Dec 1972

065502 SF1.I4
On value of gel-diffusion & skin tests in diagnosis of echinococcosis in buffaloes. [Fasciola gigantica, Gigantocotyle explanatum, Setaria digitata]. Gill, H S *Indian J Anim Health* 11 (2): 217-220. Dec 1972

065503 SF1.I4
Cytopathic effects of Ranikhet disease virus in chick embryo fibroblasts. Singh, M P *Indian J Anim Health* 11 (2): 225-226. Dec 1972

065504 SF1.I4
Studies on experimental transmission of Trypanosoma evansi in cat by feeding liver, spleen & heart of an infected guineapig. Ray, S *Indian J Anim Health* 11 (2): 229. Dec 1972

065505 SF1.I4
Vibronic infection in West Bengal. [Cattle, buffaloes]. De, B N *Indian J Anim Health* 11 (2): 231-232. Dec 1972

065506 SF1.I4
Incidence of Schistosoma indicum Montgomery, 1906 in a cross-bred Holstein bull in West Bengal. Banerjee, K N *Indian J Anim Health* 11 (2): 233. Dec 1972

065507 SF1.I4
Trichomoniasis in West Bengal. De, B N *Indian J Anim Health* 11 (2): 235-236. Dec 1972

065508 SF1.I4
Extensive Cysticercus cellulosae infection in a pig. Ray, S *Indian J Anim Health* 11 (2): 237. Dec 1972

065509 442.8 IN2
Appearance of virulence in two strains of avian Mycoplasma possibly transfected with genome of ranikhet disease virus. Babbar, O P *Indian J Exp Biol* 10 (6): 418-424. Ref. Nov 1972

065510 QR1.I57
Transmissible mink encephalopathy: studies on peripheral lymphocyte. Marsh, R F *Infect Immun* 7 (3): 352-355. Ref. Mar 1973

065511 QR1.I57
Host cell range & growth characteristics of bovine parvoviruses. Bates, R C *Infect Immun* 7 (3): 398-402. Mar 1973

065512 QR1.I57
Relationship of anitgen k to Staphylococcus aureus bacterio phage Type 187, of human & of canine origins. Live, I *Infect Immun* 7 (3): 473-475. Ref. Mar 1973

065513 QR1.I57
Effects of antithymocyte & antimacrophage sera on survival of mice infected with Listeria monocytogenes. Pearson, L D *Infect Immun* 7 (3): 479-486. Ref. Mar 1973

065514 QR1.I57
Isolation & characterization of an equine adenovirus. Ardans, A A *Infect Immun* 7 (4): 673-677. Ref. Apr 1973

065515 QR1.I57
Thermal & pH [hydrogen-ion cocentration] stability of feline calicivirus. Lee, K M *Infect Immun* 7 (4): 678-679. Ref. Apr 1973

065516 20 M57AG
Present state of application diagnostical & immunological measures to control & treat swine fever. (Ger) Urbaneck, D *Int Z Landwirt* 1: 78-84. 1973

065517 22 IN8
Keep your herd free from mastitis. Christopher, J *Intensive Agr* 10 (11): 22-23. Jan 1973

065518 41.8 IR4
An effect of pregnancy on antibody response in cows. [Escherichia coli]. McCaughey, W J *Irish Vet J* 27 (1): 12-13. Jan 1973

065519 41.8 IR4
Chronic rheumatoid arthritis in pigs associated with Erysipelothrix [rhusiopathiae] infection. O'Brien, J J *Irish Vet J* 27 (2): 21-25. Ref. Feb 1973

065520 41.8 IR4
Incidence of antibodies to chick embryo lethal orpan virus in Irish poultry flocks. Campbell, G *Irish Vet J* 27 (2): 26-28. Ref. Feb 1973

065521 41.8 J82
Experimental infections with Pasteurella septica (sero-group A) & an-adenoor enterovirus in gnotobiotic piglets. Smith, I M *J Comp Pathol* 83 (1): 1-12. Ref. Jan 1973

065522 41.8 J82
Host cell range of chlamydial infection in neonatal bovine gut. Doughri, A M *J Comp Pathol* 83 (1): 107-114. Ref. Jan 1973

065523 41.8 J82
Non-specific agglutination of Mycoplasma gallisepticum by rheumatoid factor-like antiglobulinin chickens infected with Streptococcus faecalis or Staphylococcus aureus. Thornton, G A *J Comp Pathol* 83 (1): 41-47. Ref. Jan 1973

065524 448.3 J823
Bovine mycoplasmas: genome size & base composition of DNA. Askaa, G *J Gen Microbiol* 75 (2): 283-286. Ref. Apr 1973

065525 436.8 J82
Predatory activity of nematode trapping fungi against larvae of Trichostrongylus axei & Ostertagia ostertagi: a possible method of biological control. [Livestock, nematodes]. Pandey, V S *J Helminthol* 47 (1): 35-48. Ref. 1973

065526 436.8 J82
Studies on Onchocerca gutturosa (Neumann, 1910) & its development in Simulium ornatum (Meigen, 1818). 3. Factors affecting development of parasite in its vector. [Cattle, nematodes]. Eichler, D A *J Helminthol* 47 (1): 73-88. 1973

065527 436.8 J82
Studies on Onchocerca gutturosa (Neumann, 1910) & its development in Simulium ornatum (Meigen, 1818). 4. Systematics of Onchocerca gutturosa. [Cattle, nematodes]. Eichler, D A *J Helminthol* 47 (1): 89-96. Ref. 1973

065528 436.8 J82
Survival on herbage plots of infective larvae of strongylid nematodes of horse. Ogbourne, C P *J Helminthol* 47 (1): 9-16. Ref. 1973

065529 436.8 J82
Studies on Onchocerca cervicalis Railliet & Henry 1910: i. Onchocerca cervicalis in British Horses. Mellor, P S *J Helminthol* 47 (1): 97-110. Ref. 1973

065530 448.8 J8232
Modulation of immuoglobulin ontogeny in chicken: effect of purified antibody specific for mu chain on IgM, IgY, & IgA production. Leslie, G A *J Immunol* 110 (4): 959-967. Ref. Apr 1973

065531 44.8 J824
Immunogenic properties of slime from propionibacteria. [Rabbits]. Reddy, M S *J Milk Food Technol* 46 (4): 200-201. Ref. Apr 1973

065532 448.8 J824
Murine fascioliasis: laboratory model for detection of facsiolicidal activity of chemical compounds. [Fasciola hepatica]. Hayes, T J *J Parasitol* 59 (2): 314-318. Apr 1973

065533 448.8 J824
Canine & feline helminth & protozoan infections in Belgium. Vanparijs, O F J *J Parasitol* 59 (2): 327-330. Apr 1973

065534 448.8 J824
Scanning electron microscopic studies of Paranaplasma sp. in erythrocytes of a cow. Keeton, K S *J Parasitol* 59 (2): 331-336. Ref. Apr 1973

065535 448.8 J824
Dung beetles as biological control agents for gastrointestinal parasites of livestock. Fincher, G T *J Parasitol* 59 (2): 396-399. Apr 1973

065536 41.9 J275
Canine brucellosis. (Jap) Azuma, R *Jap Vet Med Ass J* 26 (3): 111-119. Ref. Mar 1973

065537 41.9 J275
Newcastle disease-infectious bronchitis inactivated combined vaccine. [Chickens]. (Jap) Uchinuno, Y *Jap Vet Med Ass J* 26 (3): 124-128. Ref. Eng. Sum. Mar 1973

065538 41.9 J275
Pathology of skin lesions associated with Marek's disease of chickens. (Jap) Tajima, M *Jap Vet Med Ass J* 26 (3): 128-133. Ref. Eng. Sum. Mar 1973

065539 410.9 P94
Synergistic role of intestinal flagellates & normal intestinal bacteria in a post-weaning mortality of mice. Boorman, G A *Lab Anim Sci* 23 (2): 187-193. Apr 1973

065540 410.9 P94
Immune & pathologic consequences of psontaneous Cuterebra myiasis in domestic rabbits (Oryctolagus cuniculus). Weisbroth, S H *Lab Anim Sci* 23 (2): 241-247. Ref. Apr 1973

065541 11 L234
Specific pathogen free swine. (Swe) Hultman, H *Lantmannen* 84 (4): 16-17. Mar 2, 1973

065542 SD1.L4
Vertical structure of larch-birch stands of Amur-Zeya watershed plateau. (Rus) Christiakov, L V *Lesovedenie* 1: 83-86. Eng. Sum. Jan/Feb 1973

065543 43.8 B392
Cluster-immersion shortcut to mastitis control? [Cattle]. *Livest Farming* 10 (2): 11, 13. Feb 1973

065544 41.8 V644
Collection of lymph from sheep by cannulation of thoracic duct & an application of method in in hosts infected with Dictyocaulus filaria. (Hun) Kassai, T *Magyar Allatorv Lapja* 27 (12): 691-696. Ref. Eng. Sum. Dec 1972

065545 41.8 V644
Occurrence of maedi (progressive intestitial pneumonia) of sheep in hungary. (Hun) Suveges, T *Magyar Allatorv Lapja* 28 (2): 57-62. Ref. Eng. Sum. Feb 1973

065546 41.8 V644
Application of polymyxine-M in colibacillosis of calves & piglets. (Hun) Jezsov, V I *Magyar Allatorv Lapja* 28 (2): 68-70. Eng. Sum. Feb 1973

065547 41.8 V644
Use of aerobic sporiform bacteria in treatment of certai in disorders of digestive tract (Preliminary report). (Hun) Kovacs, F *Magyar Allatorv Lapja* 28 (2): 71. Feb 1973

065548 41.8 V644
Study on viral diseases of cat. Ii. Experiments with herpesviruses. (Hun) Kiss, M *Magyar Allatorv Lapja* 28 (3): 116-120. Eng. Sum. Mar 1973

065549 41.8 V644
Study on viral diseases of cat. Iii. Experiments with picornaviruses. (Hun) Berta, S *Magyar Allatorv Lapja* 28 (3): 121-125. Eng. Sum. Mar 1973

065550 41.8 V644
Investigations, experiences & observations on pulmonary oedema of fattening pigs. (Hun) Doman, I *Magyar Allatorv Lapja* 28 (3): 126-128. Eng. Sum. Mar 1973

065551 41.8 V644
Use of O. And R Salmonella phage-test in laboratorial practice. (Hun) Takacs, J *Magyar Allatorv Lapja* 28 (3): 161-168. Ref. Eng. Sum. Mar 1973

065552 44.9 M382
Worm & louse control. [Dairy cattle]. Charleston, W A G *Massey Univ Dairyfarming Annu* P. 79-84. Oct 1972

065553 448.8 M469
Search for ovicides among pesticides & fertilizers for disinfection of environment from ascarid eggs. [Ascaris lumbricoides, Ascaris suum]. (Rus) Timoshin, D G *Med Parazitol Parazitarn Bolezni* 4: 435-440. Ref. Eng. Sum. July/Aug 1972

065554 448.8 M469
Search for a method for sanitation of sewage from eggs of helminths using agrochemical means. VAscaris suum]. (Rus) Chefranova, IU A *Med Parazitol Parazitarn Bolezni* 4: 440-444. Ref. Eng. Sum. July/-aug 1972

065555 448.8 M469
Source of infection & characteristics of foci of visceral leishmaniasis in Armenian SSR. [Dogs, vectors]. (Rus) Darapetian, R M *Med Parazitol Parazitarn Bolezni* 4: 444-448. Ref. Eng. Sum. July/Aug 1972

065556 41.8 M463
Zoo-sanitary situation of rabies in krakow province in 1967 – 71. (Pol) Ramisz, A *Med Wet* 29 (1): 18-20. Ref. Eng. Sum. Jan 1973

065557 41.8 M463
A virus strain isolated from chickens showing symptons of acute marek's disease. (Pol) Golnik, W *Med Wet* 29 (1): 20-23. Ref. Eng. Sum. Jan 1973

065558 41.8 M463
Diagnostic value of precipitation in gel in determination of streptococcus agalactiae. [Cattle]. (Pol) Grajewska, P *Med Wet* 29 (1): 24-26. Ref. Eng. Sum. Jan 1973

065559 41.8 M463
Influence of phosphoorganic pesticides on some pathogenic bacteria. (Pol) Lis, T *Med Wet* 29 (1): 27-28. Ref. Eng. Sum. Jan 1973

065560 41.8 M463
Carrier-state of Salmonella in men & animals of Lomzia region. (Pol) Gabiniewicz, J *Med Wet* 29 (1): 29. Ref. Jan 1973

065561 41.8 M463
Usefulness of some serological tests in diagnostics of fascioliasis in cattle. II. Compariosn of iodine & agar gel precipitation tests. (Pol) Kapp-Burzynska, Z *Med Wet* 29 (1): 30-31. Eng. Sum. Jan 1973

065562 41.8 M463
A new coproscopic technique to diagnostic examination of fascioliasis in cattle. [Fasciola hepatica]. (Pol) Romaniuk, K *Med Wet* 29 (1): 31-32. Jan 1973

065563 41.8 M463
Pulmonary helminthiasis in cattle according th ZHW casuistics of Lublin. [Laboratory of Veterinary Hygiene]. (Pol) Dabrowski, T *Med Wet* 29 (1): 33-34. Ref. Jan 1973

065564 41.8 M463
Post slaughter losses in pigs due to Miescher's tubules in Bialystok slaughter house in 1967 – 71. [Sarcosporidia]. (Pol) Walkowiak, E *Med Wet* 29 (1): 55-56. Jan 1973

065565 41.8 M463
Current views on pathogenesis & control of coecum coccidiosis in chickens. (Pol) Pastuszko, J *Med Wet* 29 (2): 68-72. Ref. Feb 1973

065566 41.8 M463
Clinical observation & control of trichophytosis in rearing foxes. (Pol) Woloszyn, S *Med Wet* 29 (2): 73-77. Ref. Eng. Sum. Feb 1973

065567 41.8 M463
Studies on serological differentiation of strains of Mycobacterium avium appearing in Poland. I. Epidemiological & epizootiological role of Mycobacterium avium. (Pol) Rzedzicki, J *Med Wet* 29 (2): 77-80. Ref. Eng. Sum. Feb 1973

065568 41.8 M463
Candidiasis in birds. [Candida tropicalis, Candida albicans]. (Pol) Podlewska, D *Med Wet* 29 (2): 80-82. Ref. Eng. Sum. Feb 1973

065569 41.8 M463
Influence of time & temperature of storage of hatching eggs on level of antibodies against Newcastle disease virus. (Pol) Szember, M *Med Wet* 29 (2): 83-84. Eng. Sum. Feb 1973

065570 41.8 M463
Antibodies inhibiting haemagglutination of PL-3 Lublin virus in sera of men, horses, pigs, hens & geese. (Pol) Dela, W *Med Wet* 29 (2): 85-86. Ref. Feb 1973

065571 41.8 M463
Possibilities of chemical industry regarding supply of concentrates for production of drugs used to control ectoparasites of domestic animals. (Pol) Kroczynski, J *Med Wet* 29 (2): 89-92. Feb 1973

065572 41.8 M463
Clinical evaluation of Borgal-Hoechst in treatment of enzootic bronchopneumonia in calves. (Pol) Kotowski, K *Med Wet* 29 (2): 93-94. Ref. Feb 1973

065573 41.8 M463
Clinical observation on use of Borgal-Hoechst in field treatment. [Cattle, horses, swine, antibiotics]. (Pol) Maciolek, H *Med Wet* 29 (2): 94-96. Feb 1973

065574 41.8 M463
Occurrence of leukemia & tuberculosis in cattle. (Pol) Haremski, T *Med Wet* 29 (2): 96-98. Ref. Eng. Sum. Feb 1973

065575 448.3 K54
Distribution of pig enteroviruses in farms of Ukrainian Polesye zone. (Ukr) Opanasenko, V P *Mikrobiol Zhur* 34 (1): 121-122. Jan/Feb 1972

065576 448.3 K54
Chromatographic & sedimentation characteristics of proteins in type I adenovirus & cattle serum capsides. (Ukr) Vantsak, N P *Mikrobiol Zhur* 34 (1): 25-28. Jan/Feb 1972

065577 448.3 K54
On problem of nature of enzootic (viral) bronchopneumonia in suckling pigs. (Ukr) Bortnichuk, V A *Mikrobiol Zhur* 34 (1): 61-62. Jan/Feb 1972

065578 22.5 M6932B
Pathological findings of stephanuriasis in swine. II. Pathological changes in kidney, ureter, & adjacent tissues. [Stephanurus dentatus]. (Jap) Asizawa, H *Miyazaki Univ Fac Agr Bull* 19 (1): 167-178. Ref. Eng. Sum. Sept 1972

065579 41.8 M742
On deterction of Rous sarcoma virus-neutralizing antibodies in fowl using CAM-test. (Ger) Glathe, H *Monatsh Veterinarmed* 27 (21): 809-811. Ref. Eng. Sum. Nov 1, 1972

065580 41.8 M742
Action of swine fever live virus vaccine of 'C' inoculation virus strain in pregnant sows & their descendants. (Ger) Tesmer, S *Monatsh Veterinarmed* 28 (7): 251-254. Ref eng. Sum. Apr 1, 1973

065581 41.8 M742
Studies into effect of foot-and-mouth disease immunisation on white blood count of cattle. (Ger) Beier, D *Monatsh Veterinarmed* 28 (7): 254-256. Ref. Eng. Sum. Apr 1, 1973

065582 100 N465 (1)
Biology of Thysanosoma actinioides (Cestoda: Anoplocephalidae) a parasite of domestic & wild ruminants. Allen, R W *N Mex Agr Exp Sta Bull* 604, 68 P., Map. Ref. Feb 1973

065583 100 N465 (1)
Relation of clinical & subclinical mastitis to milk production & composition. Miller, D D *N Mex Agr Exp Sta Bull* 605, 28 P. Ref. Feb 1973

065584 500 N21P
Purification of mouse interferon by affinity chromatography on a solid-phase immunoadsorbent. [Newcastle disease virus]. Sipe, J D *Nat Acad Sci Proc* 70 (4): 1037-1040. Ref. Apr 1973

065585 472 N21
Dactylaria gallopava, a cause of avian encephalitis, in hot spring effluents, thermal soils & self-heated coal waste piles. Tansey, M R *Nature* 242 (5394): 202-203. Ref. Mar 16, 1973

065586 41.8 N483
Characterization of mycoplasmas isolated from cats with conjunctivitis. Tan, R J S *New Zeal Vet J* 21 (3): 27-32. Ref. Mar 1973

065587 41.8 N483
Ringworm due to Microsporum canis in cats & dogs in New Zealand. Baxter, M *New Zeal Vet J* 21 (3): 33-37. Ref. Mar 1973

065588 41.8 N483
Effects of subclinical parasitism on beef production. McMullan, M J *New Zeal Vet J* 21 (3): 38-42. Ref. Mar 1973

065589 41.8 N483
A host-parasite checklist of helminths of wild ruminants in New Zealand. Andrews, J R H *New Zeal Vet J* 21 (3): 43-47. Ref. Mar 1973

065590 41.8 N813
Trichostrongyle infections of cattle in Sweden. [Ostertagia ostertagi, Cooperia oncophora]. (Swe) Nilsson, O *Nord Vet Med* 25 (2): 65-78. Ref. Eng. Sum. Feb 1973

065591 513 OB3
Some observations on immunity of Newcastle disease in chickens. (Jap) Goto, H *Obihiro Zootech Univ Res Bull* (Ser. 1) 7 (4): 577-588. Eng. Sum. Jan 1973

065592 100 OR3OR
Bacteria battleground. [Escherichia coli, swine, dysentery]. *Oreg Agr Progr* 19 (3): 3-4. Winter 1973

065593 8 P832J
A simple method for mass production of Fasciola hepatica miracidia. [Cattle, liver fluke]. Fomes, P *P R Univ J Agr* 57 (1): 87-88. Jan 1973

065594 41.8 P53
A serological survey for Brucella abortus antibodies in imported & native horses using rapid plate agglutination test. Novilla, M N *Philippine J Vet Med* 11 (1): 1-9. Ref. June 1972

065595 41.8 P53
Salmonella in market poultry & poultry dressing plant environments in Philippines. Tacal, J V *Philippine J Vet Med* 11 (1): 10-18. Ref. June 1972

065596 41.8 P53
Some observations on a field outbreak of anthrax in Quezon province. [Cattle, horses, buffaloes]. Fabella, F P *Philippine J Vet Med* 11 (1): 110-115. June 1972

065597 41.8 P53
Chlamydial studies in Philippines. I. Preliminary report on occurence of complement-fixing antibodies in one avian & two mamalian species. Novilla, M N *Philippine J Vet Med* 11 (1): 133-137. June 1972

065598 41.8 P53
Histopathologic evidence of bovine paratuberculosis (Johne's disease) in Philippines. [Mycobacterium paratuberculosis]. Novilla, M N *Philippine J Vet Med* 11 (1): 19-23. Ref. June 1972

065599 41.8 P53
Thiabendazole in feed & its effect on somatic toxocara canis larvae in white rats. Tongson, M S *Philippine J Vet Med* 11 (1): 24-30. Ref. June 1972

065600 41.8 P53
Evaluation of Cycostat & Amprol plus with or without Payzone in broilers raised on deep litter. [Coccidiosis, control]. Manuel, M F *Philippine J Vet Med* 11 (1): 31-52. Ref. June 1972

065601 41.8 P53
Sarcosporidiosis in Philippine carabaos. Arambulo, P V *Philippine J Vet Med* 11 (1): 53-59. Ref. June 1972

065602 41.8 P53
Babesia canis: Clinical observations in dogs in Philippines. Carlos, E T *Philippine J Vet Med* 11 (1): 81-91. Ref. June 1972

065603 41.8 P53
Anthrax in South-east Asia, Far East & Oceania: A surveillance report, 1961-1970. Velmirovic, B *Philippine J Vet Med* 11 (1): 92-109. Ref. Jun 1972

065604 41.8 P882
On improvement of therapeutic possibilities of acute mastitis in cattle. (Ger) Weidmann, H *Prakt Tierarzt* 54 (2): 50-52. Ref. Feb 1, 1973

065605 41.8 P882
Contribution to prevention & therapy of 'foal anemia'. (Ger) Winkler, C *Prakt Tierarzt* 54 (2): 54. Feb 1, 1973

065606 41.8 P882
Clinical knowledge concerning mating infection with Klebsielle in horse. (Ger) Tillmann, H *Prakt Tierarzt* 54 (5): 191-194. May 1, 1973

065607 41.8 P882
Bacterial count in dog urine obtained by punction & catheter. (Ger) Lengert, D *Prakt Tierarzt* 54 (5): 204, 206. May 1, 1973

065608 281.9 B87
Brucellosis: New legislative orderings. [Cattle]. (Fre) Chatelin, Y M *Prod Agr Fr* 49 (126): 39-40. Mar 1973

065609 49 P952
Mastitis control in large herds of cattle of Gdans province. (Pol) Kuewk, X *Przegl Hodowlany* 41 (15/16): 16-19. Aug 1/31, 1972

065610 49 P952
Supernumerary teets as an additional pathway for udder infections. [Cattle]. (Pol) Kotowski, K *Przegl Hodowlany* 41 (15/16): 21-22. Aug 1/31, 1972

065611 334.8 R11
Bacterial & menatological evaluation of cattle exposed to lethal gamma radiation. Eisele, G R *Radiat Res* 53 (3): 462-467. Ref. Mar 1973

065612 41.8 R25
Escherichia coli serotypes isolated from cases of acute bovine mastitis in two Israeli dairy herds. Saran-Rosenzuaig, A *Refuah Vet* 29 (3): 117-122. Ref. Sept 1972

065613 41.8 R25
A study of strains of Staphylococcus aureus isolated from cases of ovine mastitis. Tamarin, R *Refuah Vet* 29 (4): 132-146. Ref. Dec 1972

065614 41.8 R25
Neutralizing activity of bovine foetal sera against foot & mouth disease virus. Ron, N *Refuah Vet* 29 (4): 146-153. Ref. Dec 1972

065615 41.8 R25
An abattoir survey of udder pathogens from culled dairy cows. Ziv, G *Refuah Vet* 29 (4): 161-166. Dec 1972

065616 41.8 R25
Application of capillary agglutination test for anaplasmosis in cattle vaccinated with Anaplasma centrale. Pipano, E *Refuah Vet* 29 (4): 166-169. Dec 1972

065617 24 R323
Animal trypanosomiasis. [Glossina]. (Por) Guedes Rafael, A A *Rev Agr (mocambique)* 15 (151): 21-33, 25-28. Oct 1972

065618 442.8 R325
Electron microscopic study of a spirochete isolated from pig. [Treponema]. (Fre) Saheb, S A *Rev Can Biol* 32 (1): 3-9. Ref. Eng. Sum. Mar 1973

065619 41.8 R3262
Immunological studies on contagious bovine pleuropneumonia. XIV. Description of two field techniques for diagnosis of disease. (Fre) Provost, A *Rev Elevage Med Vet Pays Trop* 25 (4): 475-496. Ref. Eng. Sum. 1972

065620 41.8 R3262
Study of biological properties of Malagasy porcine encephalomyelitis virus. (Fre) Ramisse, J *Rev Elevage Med Vet Pays Trop* 25 (4): 497-506. Ref. Eng. Sum. 1972

065621 41.8 R3262
A combined lyophilised rinderpest-CBPP [peripneumonia] vaccine to be used in field without refrigeration. I. Selection of rinderpest virions with delayed thermal inactivation properties. (Fre) Provost, A *Rev Elevage Med Vet Pays Trop* 25 (4): 507-520. Ref. Eng. Sum. 1972

065622 41.8 R3262
Serological incidence of Brucella-antibodies in domestic animals & man in Iran. (Fre) Tadjebakhche, H *Rev Elevage Med Vet Pays Trop* 25 (4): 521-525. Ref. Eng. Sum. 1972

065623 41.8 R3262
Nematode parasites of alimentary canal of cattle in Iran. (Fre) Eslami, A H *Rev Elevage Med Vet Pays Trop* 25 (4): 527-529. Eng. Sum. 1972

065624 41.8 R3262
Parasitism & death rate in Malagasy calves: Influence of parasite control on herd composition. (Fre) Daynes, P *Rev Elevage Med Vet Pays Trop* 25 (4): 531-538. Eng. Sum. 1972

065625 41.8 R3262
Cyclic transmission trials of Trypanosoma of congolense group. 2. (Fre) Maillot, L *Rev Elevage Med Vet Pays Trop* 25 (4): 539-541. Eng. Sum. 1972

065626 436.8 R32
Identification of Eimeria bateri in Coturnix coturnix. [Quail]. (Spa) Sanchez Acedo, C *Rev Iberica Parasitol* 23 (3/4): 271-276. Ref. Eng. Sum. July/Dec 1972

065627 436.8 R32
Experimental trichinellosis in mice: Comparison of infestation techniques. [Trichinella spiralis]. (Spa) Guevara Pozo, D *Rev Iberica Parasitol* 32 (3/4): 167-180. Eng. Sum. July/Dec 1972

065628 436.8 R32
Eimeria intestinalis, Cheissin 1948 & Eimeria sculpta, Madsen 1938, parasites of Oryctolagus cuniculus domestica (L.): Announcements in Spain & biomorphologic al studies. [Rabbits]. (Spa) Romero Rodriguez, J *Rev Iberica Parasitol* 32 (3/4): 199-206. Ref. Eng. Sum. July/Dec 1972

065629 436.8 R32
Contribution to epizootiological study of bovine schistosomiasis (Schistosoma bovis) in province of Salamanca. [Planorbarius metidjensis]. (Spa) Ramajo Martin, V *Rev Iberica Parasitol* 32 (3/4): 207-242. Map. Ref. Eng. Sum. July/Dec 1972

065630 41.8 B86
Treatment of mucosal disease with modified virus vaccine & chelated ficocolloids to control calssic hog cholera. (Spa) Gallo, G G *Rev Med Vet (buenos Aires)* 53 (6): 563-576. (13 P. Not Consecutive) eng. Sum. 1972

065631 41.8 B86
Controlled laboratory tests on anthelmintic activity of morantel in sheeps. (Spa) Cornwell, B L *Rev Med Vet (buenos Aires)* 53 (6): 591-592, 595-596, 599-601. Eng. Sum. 1972

065632 49 P943
Research on normal & pathological cervical secretion of microflora in cattle. (Rum) Decun, M *Rev Zootech Med Vet* 23 (1): 39-46. Eng. Sum. Jan 1973

065633 49 P943
Ampicillin administered to calves & baby pigs with pneumoenteric diseases. (Rum) Dabija, G *Rev Zootech Med Vet* 23 (1): 47-51. Ref. Jan 1973

065634 49 P943
Mycoses & mycotoxicoses of livestock in Hungary. (Rum) Palyusik, M *Rev Zootech Med Vet* 23 (1): 66-71. Ref. Eng. Sum. Jan 1973

065635 SF1.R54
Application of antiobiotics & chemicals for disease treatment in intensive livestock raising. (Ita) Ballarini, G *Rilancio Agric Vet Zootec* 4 (8/9): 20-23. 1972

065636 SF1.R54
Gastro-intestinal helminthiasis in swine. (Ita) Vittaz, R *Rilancio Agric Vet Zootec* 4 (8/9): 8-9. 1972

065637 280.8 SO89
Guam declared rabies free. Haddock, R L *S Pac Bull* 22 (3): 24-25. 3D Quarter 1972

065638 442.9 SA6
Occurrence of Paratanaisia bragai (Santos, 1934) Preitas, 1959 (Trematoda: Eucotylidae) in domestic pigeons (Columbia livia domestica). (Por) Portugal, M A S C *Sao Paulo Inst Biol Arq* 39 (3): 189-194. Ref. Eng. Sum. July/Sept 1972

065639 442.9 SA6
Chromosome deletion & cell susceptibility to foot-and-mouth disease virus (FMDV). Castro, M P de *Sao Paulo Inst Biol Arq* 39 (3): 205-207. July/Sept 1972

065640 47.8 SO89
Marek's disease vaccines & their application. Thompson, G E *Saps Poultry Bull* 38 (461): 11-13. Jan 1973

065641 286.85 D48
Cultural studies of slaughter swine with suspected & chronic erysipelas with special regard to meat inspection aspects. (Ger) Bohm, K H *Schlacht Viehhof-ztg* 72 (10): 355-362. Oct 1972

065642 286.85 D48
Bionomy of Taeniarhynchus saginatus & Cysticercus bovis. [Livestock, food contamination]. (Ger) Koudela, K *Schlacht Viehhof-ztg* 72 (10): 369-372. Ref. Oct 1972

065643 S13.S44
The formation of passive immunity in young animals as affected by the composition of placenta in mothers. (Rus) Kovalenko, IA R *Sel'skokhoz Biol* 8 (1): 113-121. Ref. Eng. Sum. Jan/Feb 1973

065644 S13.S44
Study of biology of malignant growth & morphology of tumors & neoplastic cells induced with bovine adenovirus of 3-D type. (Rus) Strizhachenko, N M *Sel'skokhoz Biol* 8 (1): 122-129. Ref. Eng. Sum. Jan/Feb 1973

065645 S13.S55
Isolating salmonella bacteria on poultry farms in IAkutia. (Rus) Maltugueva, M Kh *Sib Vestn S-kh Nauk* 6: 81-83. Nov/-Dec 1972

065646 442.9 SO1
Immunohistochemical demostration of evian leukosis virus antigens in paraffin embedded tissue. Di Stefano, H S *Soc Exp Biol Med Proc* 142 (4): 1111-1113. Apr 1973

065647 505 N15
First results of a trapping trial of telluric dermatophytes in Loire-Atlantique. [Arthroderma, Nannizzia]. (Fre) Visset, M F *Soc Sci Natur Ouest France Bull* 70 (3): 11-15. Map. Oct 1972

065648 RC960.S6
Fine structure of Sarcocystis fusiformis from Indian water buffalo (Bubalus bubalis) in Singapore. Zaman, V *Southeast Asian J Trop Med Public Health* 3 (4): 489-495. Ref. Dec 1972

065649 41.9 SV23
Roundworms & tapeworms in Stockholm cats. [Ascaris, Cestoda]. (Swe) Persson, L *Svensk Veterinartidn* 25 (6): 214-216. Ref. Eng. Sum. Mar 1973

065650 41.9 SV23
Presentation of a microfermentation method for identification of Enterobacteriaceae. (Swe) Gunnarsson, A *Svensk Veterinartidn* 25 (7): 249-253. Apr 1973

065651 298.8 SE42
Medical microingredients for feedstuffs employed in chemoprophylaxis of animal diseases. 2. [Coccidiosiats]. (Ita) Caselli, R *Tec Molitoria* 23 (20): 676-679, 682-686. Oct 30, 1972

065652 41.8 T445
Tests on fumigating hatching eggs with formalin. [Antiseptics]. (Ger) Huttner, B *Tierarztl Umsch* 28 (1): 20-26. Ref. Jan 1, 1973

065653 41.8 T445
Environment & zoonoses. (Ger) Mayr, A *Tierarztl Umsch* 28 (1): 3-8, 10-11. Ref. Jan 1, 1973

065654 41.8 T445
On problem of judgement of spleen infarcts & encephalitic reactions of swine as well as necessity of a new orientation also in this country: A comment on work of Dr. Mattschullat in Tierarztliche Umschau, (Ger) Rexroth, E *Tierarztl Umsch* 28 (1): 32-33. Jan 1, 1973

065655 41.8 T445
Effect of Levamisol on Strongyloides infection of swine. (Ger) Enigk, K *Tierarztl Umsch* 28 (2): 76, 78, 80. Ref. Feb 1, 1973

065656 41.8 T445
Comparative study on effectivity of various antibiotics in therapy of metritis of cattle. (Ger) Koleff, W K *Tierarztl Umsch* 28 (2): 80-84. Feb 1, 1973

065657 41.8 T445
Therapy of infection in upper respiratory tract of horse. (Ger) Heptner, B *Tierarztl Umsch* 28 (2): 84-85. Feb 1, 1973

065658 41.8 T445
Eimeria necatrix in soil content of laying hens. (Ger) Hecht, M *Tierarztl Umsch* 28 (3): 131-132, 134. Eng. Sum. Mar 1, 1973

065659 41.8 T445
On treatment of nematode invasions of water fowl with Mebendazole (R 17635). (Ger) Wiesner, H *Tierarztl Umsch* 28 (3): 135-138. Mar 1, 1973

065660 41.8 T445
On significance of echinococcosis. [Dogs]. (Ger) Jonas, D *Tierarztl Umsch* 28 (3): 99-102. Ref. Mar 1, 1973

065661 49 T443
Tasks for managing, planning & implementing eradication of cattle brucellosis in German Democratic Republic. (Ger) Lehnert, E *Tierzucht* 26 (12): 446-447. Dec 1972

065662 49 T443
Planned reproduction & sanitation of cattle stocks through development of industry-like youngstock rearing in Rostock Cdounty. [East Germany]. (Ger) Heinke, I *Tierzucht* 26 (12): 448-449. Dec 1972

065663 49 T445
Protective measures against progressive pollution of agricultural areas with enduring forms of animal parasites: A contribution to environmental protection. [Cattle, sheep, horses]. (Ger) Enigk, K *Tierzuchter* 24 (22): 654, 656-657. Nov 20, 1972

065664 49 T445
Bscherichia coli infection, number one problem in calf rearing? (Ger) Plank, P *Tierzuchter* 25 (2): 62-64. Feb 5, 1973

065665 41.8 T431
Rheumatoid arthritis in dog; survey of literature. (Dut) Wentink, G H *Tijdschr Diergeneesk* 98 (3): 135-142. Ref. Eng. Sum. Feb 1, 1973

065666 41.8 T431
Comparative results of partial & total Marek's disease vaccination in broiler breeder flocks. [Avian lymphomatosis]. (Dut) Maas, H J L *Tijdschr Diergeneesk* 98 (7): 319-328. Ref. Eng. Sum. Apr 1, 1973

065667 41.8 T431
Preliminary studies on etiology of infectious synovitis in chickens in Netherlands, with special reference to role of Mycoplasma synoviae. (Dut) Goren, E *Tijdschr Diergeneesk* 98 (7): 335-338. Ref. Eng. Sum. Apr 1, 1973

065668 41.9 T575Q
Transplantability of avian lymphoid tumor cells. Hihara, H *Tokyo Nat Inst Anim Health Quart* 13 (1): 1-7. Ref. Spring 1973

065669 41.9 T575Q
Exophthalmos due to rete mirabile abscess caused by infection with Corynebacterium pyogene in cattle. Moriwaki, M *Tokyo Nat Inst Anim Health Quart* 13 (1): 14-22. Ref. Spring 1973

065670 41.9 T575Q
A serological survey of infectious bovine rhinotracheitis in cattle in Hokkado, Japan. Murase, N *Tokyo Nat Inst Anim Health Quart* 13 (1): 36-37. Spring 1973

065671 1 AG84L
Horse bots: how to control them. [Gasterophilus intestinalis, Gasterophilus nasalis, Gasterophilus haemorrhoidalis]. *U S D A Leafl* 450, Rev., 7 P. Apr 1973

065672 S542.R6U5
A case of allergic diagnosis of bovine tuberculosis in slaughterhouse. (Rum) Popescu, C S *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 425-431. Ref. 1971 (Pub. 1972)

065673 43.8 UN7
Use of infrared milk analyzer for determining fat & protein content of milk, as well as in udder sanitation services. (Ger) Renner, E *Unser Milchvieh* 24 (12): 9. Dec 1972

065674 20 AK16
Susceptible types of animals & certain clinical practices in realtion of experimentally induced 'wildness' disease. [Livestock, virus diseases]. (Rus) Buchnev, K N *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 126-129. Jan 1973

065675 20 AK16
Determining titer of hemagglutinins in complex protein preparations with use of Escherichia coli antigen de-integrated by ultrasonics. [Veterinary medicine]. (Rus) Basanets, V M *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 78-81. Jan 1973

065676 20 AK16
Isolating foot-anMmouth-disease virus with ejaculate of artificially infected breeding bulls. (Rus) Malinovskii, I G *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 82-83. Jan 1973

065677 20 AK16
Enteropathogenic serotypes of Escherichia coli in cases of acute enteritis of newborn calves. (Rus) Petrov, V M *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 83-85. Jan 1973

065678 20 AK16
On etiology of infectious pneumonia in lambs. (Rus) Dzhusupov, K S *Vestn Sel'-skokhoz Nauk (Alma-ata)* 2: 100-103. Feb 1973

065679 20 AK16
Nematode invasive capacity in sheep in northeastern Kazakhstan. (Rus) Karamendin, O S *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 103-105. Feb 1973

065680 20 AK16
On variability of Brucella ovis. 3. (Rus) Gavrilov, P P *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 113-114. Feb 1973

065681 20 AK16
On eradication of echinococcosis in sheep from southern Kazakhstan. (Rus) Baidaliev, A B *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 51-55. Feb 1973

065682 20 AK16
Helminths of domestic carnivores of KzylOrda Region. [Dogs, Cats]. (Rus) Gavrilov, A A *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 58-60. Feb 1973

065683 20 AK16
Change in protein spectrum of blood serum of sheep with copper sulfate chemoprophylaxis against intestinal tapeworm infestation. (Rus) Katsova, L B *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 97-98. Feb 1973

065684 20 M66
Microbiological characteristics of mutton from sheep with fascioliasis. (Bel) Siliava, V V *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 1: 100-102. 1973

065685 20 M66
Results of studying reactogenic & immunogenic properties of vaccines from Brucella abortus strain number 16 LVI on guinea pigs. (Bel) Ab'edkau, H A *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 1: 116-119. Ref. 1973

065686 41.8 J93
Checking of value in practice of preparations trivetrin & tribrissen in different infections of swine, calves & piglets. (Cro) Zeljko, M *Vet Glas* 26 (5): 351-355. Eng. Sum. 1972

065687 41.8 J93
Results of our tests on possibility of application of simultaneous vaccination against epizootic disease of feet & gangrenous mastitis in sheep. (Cro) Katic, R *Vet Glas* 26 (8): 585-593. Ref. Eng. Sum. 1972

065688 41.9 C333
Avian component of biocenosis of two poultry farms & its role in maintaining & spreading avian tuberculosis. (Cze) Balat, F *Vet Med (prague)* 17 (12): 713-724. Ref. Eng. Sum. Dec 1972

065689 41.9 C333
Studying infection of primary calf kidney cells with infectious bovine rhinotracheitis (IBR) virus by immunofluorrscent method. (Cze) Zuffa, A *Vet Med (prague)* 17 (12): 725-736. Ref. Eng. Sum. Dec 1972

065690 41.9 C333
Toxic activity of disintegrated bacillus cereus cell & substances similar to endotoxins. [Rabbits]. (Cze) Prokupek, K *Vet Med (prague)* 17 (12): 737-742. Eng. Sum. Dec 1972

065691 41.9 C333
Pathogenesis of experimental invasion of lambs by Haemonchus cocortus & Trichostrongylus colubriformis & its changes resulting from Nilverm (ICI) treatment. (Cze) Zajicek, D *Vet Med (prague)* 17 (12): 743-752. Ref. Eng. Sum. Dec 1972

065692 41.9 C333
Isolation & identification of Vibrio coli & 'Borrelia like organisms' in pig dysentery. (Slo) Krizanova, H *Vet Med (prague)* 17 (9): 527-538. Sept 1972

065693 41.9 C333
Possibilities of combined vaccination of minks against Aujeszky's disease, rabies & botulism. (Cze) Konrad, J *Vet Med (prague)* 17 (9): 539-544. Ref. Eng. Sum. Sept 1972

065694 41.9 C333
Levels of oxytetracycline on blood serum of hens, turkeys & pigeons after application of Oxymykoin SPOFA plv. solub. ad usum vet. (Cze) Dvorak, M *Vet Med (prague)* 17 (9): 569-575. Eng. Sum. Sept 1972

065695 41.8 V6468
Mastitis in cows in relation to industrial-scale cattle raising. (Bul) Iotov, Ii *Vet Med Nauk* 10 (1): 3-8. 1973

065696 41.8 V6468
Demonstration of IBiR-IPV virus in vaginal secretion of cows with vulvovaginitis. (Bul) Karadzhov, I *Vet Med Nauk* 10 (1): 33-40. Ref. Eng. Sum. 1973

065697 41.8 V6468
On preservation of Borrelia anserina strains at low temperatures. (Bul) Dzhankov, I *Vet Med Nauk* 10 (1): 49-53. Ref. Eng. Sum. 1973

065698 41.8 V6468
Studies on foot-and-mouth disease vaccines for pigs produced with different adjuvants. (Bul) Mitev, G *Vet Med Nauk* 10 (1): 55-60. Ref. Eng. Sum. 1973

065699 41.8 V6468
Cytopathogenic effect of Aujeszky's virus on cell cultures. (Bul) Tatarov, G *Vet Med Nauk* 10 (1): 61-66. Ref. Eng. Sum. 1973

065700 41.8 V6468
Carrying & excreting virus of Aujeszky's disease in pigs. (Bul) Simeonov, S *Vet Med Nauk* 10 (1): 67-72. Ref. Eng. Sum. 1973

065701 41.8 V6468
Studies on allergy during course of Aujeszky's disease. III. skin allergic test & virus-neutralizing antibodies in pigs at different stages of infection process. (Bul) Iotov, M *Vet Med Nauk* 10 (1): 73-78. 1973

065702 41.8 V6468
On etiology & prophylaxis of respiratory diseases in calves. (Bul) Kharalambiev, Kh *Vet Med Nauk* 10 (1): 79-91. Ref. Eng. Sum. 1973

065703 41.8 V6468
Blood & colorstrum gamma-globulins in cases of Escherichia coli infections in calves & immunized cows. (Bul) Bodurova, Ts *Vet Med Nauk* 10 (1): 99-108. Ref. Eng. Sum. 1973

065704 41.8 V6468
Studies on toxoplasmosis in farm animals in district of ruse. I. Occurence of disease. (Bul) Donev, A *Vet Med Nauk* 9 (6): 63-68. Ref. Eng. Sum. 1972

065705 41.8 V6468
Phage typing of Staphylococcus sp. isolated from goats. 1. Communication. (Bul) Bozhilov, B *Vet Med Nauk* 9 (6): 69-73. 1972

065706 41.8 V6468
'Disbacteriosis' of beta-hemolytic & Escherichia coli organisms in swine. (Bul) Diakov, L *Vet Med Nauk* 9 (6): 75-81. Ref. Eng. Sum. 1972

065707 41.8 V6468
Cultural, morphologic & biochemical studies of mycoplasmae isolated from milk. [Mastitis]. (Bul) Buchvarova, IA G *Vet Med Nauk* 9 (6): 83-90. Ref. Eng. Sum. 1972

065708 SF604.V42
Pathological anatomy of some diseases of domesticated animals. VII. Lung plague of cattle. (Por) Nunes Petisca, J L *Vet Mocambicana* 5 (1): 1-5. Eng. Sum. 1972

065709 SF604.V42
Contribution to study of poultry mycoplasmosis in Mozambique. [Mycoplasma gallisepticum]. (Por) Atalaia, V *Vet Mocambicana* 5 (1): 37-64. Ref. Eng. Sum. 1972

065710 41.8 V641
Louping-ill in a working collie. [Dogs]. MacKenzie, C P *Vet Rec* 92 (14): 354-356. Apr 7, 1973

065711 41.8 V641
Influence of anthelmintic treatment of ewes on relative proportions of gastro-intestinal nematode parasites in their lambs. Sewell, M M H *Vet Rec* 92 (14): 371-372. Ref. Apr 7, 1973

065712 41.8 V641
Comparison of immunity to Newcastle disease after vaccination with Newcastle disease vaccine given alone or together with infectious bronchitis vaccine. Thornton, D H *Vet Rec* 92 (14): 373-374. Apr 7, 1973

065713 41.8 V641
Arizona infections in sheep associated with gastroenteritis & abortion. Greenfield, J *Vet Rec* 92 (15): 400-401. Apr 14, 1973

065714 41.8 V641
Susceptibility of Bos indicus & Bos taurus cattle to pleuropneumonia. Francis, J *Vet Rec* 92 (15): 401. Apr 14, 1973

065715 41.8 V641
Swine vesicular disease. *Vet Rec* 92 (15): 402-403. Apr 14, 1973

065716 41.8 V641
An examination of two bovine respiratory disease vaccines. Phillip, J I H *Vet Rec* 92 (16): 420-424. Ref. Apr 21, 1973

065717 41.8 V641
A fatal cutaneous granuloma due to Entomophthora coronata in a mare. Chauhan, H V S *Vet Rec* 92 (16): 425-427. Apr 21, 1973

065718 41.8 V641
Methods of differentiation between virulent & attenuated strains of infectious canine hepatitis. Tribe, G W *Vet Rec* 92 (17): 442-446. Ref. Apr 28, 1973

065719 41.8 V641
Aspergillus fumigatus infection in nasal cavity of a dog: its treatment with amphotericin B. Black, L *Vet Rec* 92 (17): 447-450. Ref. Apr 28, 1973

065720 41.8 V641
Clostridium oedematiens infection in cattle in Trinidad, West Indies. Williams, H E *Vet Rec* 92 (17): 451-452. Apr 28, 1973

065721 41.8 V641
A direct complement fixation test for infectious bronchitis virus using heat-inactivated chicken sera. Bracewell, C D *Vet Rec* 92 (17): 452, 453-454. Apr 28, 1973

065722 41.8 V641
Influence of colostrum on incidence of calf pneumonia. Thomas, L H *Vet Rec* 92 (17): 454-455. Apr 28, 1973

065723 41.8 V641
Immunological relationship between border disease, mucosal disease & swine feyer. [Viruses]. Plant, J W *Vet Rec* 92 (17): 455. Ref. Apr 28, 1973

065724 41.8 V6463
A mixed infection of infectious coryza & respiratory mycoplasmosis in chickens. (Bul) Zhokovski, N *Vet Sbirka* 69 (4): 11-13. 1972

065725 41.8 V6463
Studies with quails for ornithosis & salmonellesis & some biochemical indices of their eggs. (Bul) Danchev, P *Vet Sbirka* 69 (4): 14-16. 1972

065726 41.8 V6463
Allergic diagnosis of pullerum disease in chickens. (Bul) Kolev, M *Vet Sbirka* 69 (4): 17-18. 1972

065727 41.8 V6463
Notes on enzootic, chronic coccidiosis in chickens. (Bul) Meshkov, S *Vet Sbirka* 69 (4): 22-23. 1972

065728 41.8 V6463
Organization of control measures against mastitis in cows. (Bul) Dincheva, E *Vet Sbirka* 69 (4): 24-26. 1972

065729 41.8 V6463
Changes in epizootiologic status of world. [Livestock, diseases]. (Bul) Chenchev, I *Vet Sbirka* 69 (4): 3-6. 1972

065730 41.8 V6463
A disease in chicks caused by pathogenic Staphylococcus species. (Bul) Markarian, M *Vet Sbirka* 69 (4): 7-10. 1972

065731 41.8 V6463
Detection of biologic cycle in development of Toxoplasma organisms in natural environment. (Bul) Donev, A *Vet Sbirka* 69 (5): 17-20. 1972

065732 41.8 V6463
Effect of gamma-rays on spirochetes of Borrelia anserina species. [Poultry]. (Bul) Dzhankov, K *Vet Sbirka* 69 (5): 20-22. 1972

065733 41.8 V6463
Study of bovine francaiellosis & of its causal agent, Francaiella colchca Yakimoff 1927. (Bul) Vulchovski, IA *Vet Sbirka* 69 (5): 23-25. 1972

065734 41.8 V6463
Study on associated vaccines against hog cholera, swine erysipelas & Aujeszky's disease. (Bul) Boiadzhiev, S *Vet Sbirka* 69 (5): 6-8. 1972

065735 41.8 V6463
Experimental studies on a mixed infection of hog cholera & aujeszky's disease. (Bul) Mermerski, K *Vet Sbirka* 69 (5): 9-12. 1972

065736 41.8 V6463
Results from use of live vaccine MK-25 against Aujeszky's disease. (Bul) Tatarov, G *Vet Sbirka* 69 (7): 10-12. 1972

065737 41.8 V6463
Duration of immunity in pigs simultaneously injected with lapinized vaccine strain K & a hyperimmune antipest serum. (Bul) Ganovski, D *Vet Sbirka* 69 (7): 13-14. 1972

065738 41.8 V6463
Problem of Cysticercus bovis (Taenia saginata) infection in district of Shumen. (Bul) Stoimenov, K *Vet Sbirka* 69 (7): 15-19. 1972

065739 41.8 V6463
Effect of anthelmintics on development of lambs affected with a subclinical trichostrongylide infection. (Bul) Georgiev, M *Vet Sbirka* 69 (7): 19-21. 1972

065740 41.8 V6463
'Corona' viruses, a new virus group. (Bul) Dilovski, M *Vet Sbirka* 69 (7): 6-9. 1972

065741 41.8 V6463
Interrelation between blood antihemagglutinins of birds vaccinated against Newcastle disease & their immune status. (Bul) Gergov, P *Vet Sbirka* 69 (8): 10-11. 1972

065742 41.8 V6463
On duration of immunity in pigs vaccintaed against leptospirosis. (Bul) Sotilova, N *Vet Sbirka* 69 (8): 12-14. 1972

065743 41.8 V6463
Occurrence of bovine cysticercosis in region of slaughterhouse in Varna. [Cysticercus bovis]. (Bul) Zurliiski, P *Vet Sbirka* 69 (8): 15-179 1972

065744 41.8 V6463
Effects of environmental factors on eggs of pathogenic nematodes. [Livestock]. (Bul) Fam Van Chuk, *Vet Sbirka* 69 (8): 18-20. 1972

065745 41.8 V6463
Mycotic diseases in farm animals & birds in Hungary. (Bul) Paliushik, M *Vet Sbirka* 69 (8): 6-8. 1972

065746 41.8 V6463
On some topical problems of immunoprophylaxis with purified vaccines. (Bul) Nedalkov, S *Vet Sbirka* 69 (8): 8-10. 1972

065747 41.8 V6463
Inducing immunity to swine fever in pigs injected with a lapinized 'K' vaccine. (Bul) Gavrilov, N *Vet Sbirka* 69 (9): 10-13. Eng. Sum. 1972

065748 41.8 V6463
Streptococcal arthritis in lambs. (Bul) Minev, M *Vet Sbirka* 69 (9): 17-19. 1972

065749 41.8 V6463
Antibacterin C, a prophylactic in pig raising. (Bul) Stanev, S *Vet Sbirka* 69 (9): 19-21. 1972

065750 41.8 V6463
Role of forage mixtures in initiation of aspergillosis. (Bul) Alexandrov, M *Vet Sbirka* 69 (9): 21-23. 1972

065751 41.8 V6463
A new stage in control of fasciolasis. (Bul) Popov, A *Vet Sbirka* 69 (9): 27-30. 1972

065752 41.8 V6463
Prophylaxis of mastitis, a major problem of cattle-breeding industry. (Bul) Bozhkova, G *Vet Sbirka* 69 (9): 38-40. 1972

065753 41.8 V6463
Some data on interferons. (Bul) Toneva, V *Vet Sbirka* 69 (9): 7-10. 1972

065754 SF604.V46
Assessment of antifasciolasis substances by method of critical test in sheep. [Fasciola heptica]. (Slo) Svicky, E *Veterinaria (prague)* 14 (2): 71-80. Ref. Eng. Sum. 1972

065755 SF604.V46
Anthelminthic activity of developmental chemical substances tested in Nippostrongylus brasiliensis. (Cze) Danek, J *Veterinaria (prague)* 14 (2): 81-90. Eng. Sum. 1972

065756 SF604.V46
Efficiency of various pyranthel salts in a critical test in sheep. [Ascaris]. (Cze) Danek, J *Veterinaria (prague)* 14 (2): 91-102. Ref. Eng. Sum. 1972

065757 41.8 V6426
On problem of diagnosing Skrjabinia cesticillus infectation & Choanotaenia infundibulum infectation in poultry. (Rus) Dushkin, V A *Veterinariia* 1: 66-68. 1973

065758 41.8 V6426
Diagnosis of staphylococcic mastitis. (Rus) Ivashura, A I *Veterinariia* 1: 79-81. 1973

065759 41.8 V6426
Sore mouth in sheep & goats. (Rus) Dashtseren, Ts *Veterinariia* 2: 109-111. Feb 1973

065760 41.8 V6426
Study of serotypes in Borrelia anserina. [Spirochetosis, poultry, Bulgaria]. (Rus) Dzhankov, I *Veterinariia* 2: 111-113. Feb 1973

065761 41.8 V6426
Isolation of OLT group virus in cases of sheep abortion. (Rus) Saryev, G A *Veterinariia* 2: 38-39. Feb 1973

065762 41.8 V6426
Toxin forming of Clostridium perfringens on a casein-pancreatic medium. [Sheep, infectious enterotoxemia]. (Rus) Urguev, K R *Veterinariia* 2: 39-40. Feb 1973

065763 41.8 V6426
Antiviral activity of aqueous extracts of certain plants. [Veterinary medicine]. (Rus) Badaev, F A *Veterinariia* 2: 42-44. Feb 1973

065764 41.8 V6426
Hemagglutinins of virus of infectious bronchitis of poultry. (Rus) Nikolaeva, I P *Veterinariia* 2: 44-46. Feb 1973

065765 41.8 V6426
On eradicating brucellosis from sheep farms. (Rus) Ashepa, M B *Veterinariia* 2: 47-48. Feb 1973

065766 41.8 V6426
On study of salmonellosis in sheep. (Rus) Volkova, A A *Veterinariia* 2: 49-50. Feb 1973

065767 41.8 V6426
Contagious pustular stomatitis (dermatitis) in sheep & goats. [Sore mouth]. (Rus) Sukeev, Sh S *Veterinariia* 2: 51-52. Feb 1973

065768 41.8 V6426
Effectiveness of veterinary measures for controlling infectious epididymitis in rams. (Rus) Bashkatov, G A *Veterinariia* 2: 52-53. Feb 1973

065769 41.8 V6426
Necrobacterial arthritis in lambs. (Rus) Martynchenko, V A *Veterinariia* 2: 54-55. Feb 1973

065770 41.8 V6426
Outbreak of infectious keratoconjunctivitis in sheep. (Rus) Liaushkin, A V *Veterinariia* 2: 55-56. Feb 1973

065771 41.8 V6426
Some results in controlling listeriosis in sheep. (Rus) Bukin, V *Veterinariia* 2: 56-57. Feb 1973

065772 41.8 V6426
Ticks, carriers of pathogen of enzootic abortion in sheep. [Alveonasus lachorensis]. (Rus) Terskikh, I I *Veterinariia* 2: 57-58. Feb 1973

065773 41.8 V6426
Increasing measures for control of ringworm in cattle. (Rus) Tret'iakov, A D *Veterinariia* 2: 58-60. Feb 1973

065774 41.8 V6426
Drugs for control of helminthiasis in sheep. (Rus) Demidov, N V *Veterinariia* 2: 61-63. Feb 1973

065775 41.8 V6426
Deworming of sheep in a severe stage of fascioliasis. (Rus) Mereminskii, A I *Veterinariia* 2: 63-64. Feb 1973

065776 41.8 V6426
Prophylaxis against tapeworms in sheep. (Rus) Kuznetsov, M I *Veterinariia* 2: 64-66. Feb 1973

065777 41.8 V6426
Piperazine salt of Phenasal in cases of sheep tapeworms. (Rus) Khalilov, A G *Veterinariia* 2: 67-68. Feb 1973

065778 41.8 V6426
Course of thread-necked worm infestation in sheep. (Rus) Shvyrev, G I *Veterinariia* 2: 69-70. Feb 1973

065779 41.8 V6426
Divezid, a combination anthelmintic for controlling lungworms in sheep. (Rus) Dol'nikov, IU IA *Veterinariia* 2: 70-71. Feb 1973

065780 41.8 V6426
Prophylaxis against Oestrus infestation of sheep. (Rus) Shcherban', N F *Veterinariia* 2: 71-72. Feb 1973

065781 41.8 V6426
Effective drug for control of sheep mange. (Rus) Vodianov, A A *Veterinariia* 2: 73-75. Feb 1973

065782 41.8 V6426
Mastitis in sheep. (Rus) Nikitin, V IA *Veterinariia* 2: 77-79. Feb 1973

065783 41.8 V6426
Nature of pathogens of infectious mastitis in sheep. (Rus) Safarov, IU B *Veterinariia* 2: 79-81. Feb 1973

065784 41.8 V6426
Vibrio disease in sheep. (Rus) Luchko, M A *Veterinariia* 2: 81-82. Feb 1973

065785 41.8 V6426
Treating vibriosis in sheep with Dibiomycin. (Rus) Golikov, A V *Veterinariia* 2: 82-84. Feb 1973

065786 41.8 V6426
Prevention of mastitis in cows in Great Britain. (Rus) Pleshanov, N N *Veterinariia* 3: 112-114. Feb 1973

065787 41.8 V6426
On determining virulence of Listeria. (Rus) Krivonosova, O V *Veterinariia* 3: 44-46. Feb 1973

065788 41.8 V6426
Comparative study of vaccines for control of pseudorabies. (Rus) Lesnykh, V I *Veterinariia* 3: 46-47. Feb 1973

065789 41.8 V6426
Effecto of laryngotracheitis virus on cell culture. (Rus) Makogon, V F *Veterinariia* 3: 48-50. Feb 1973

065790 41.8 V6426
Some problems of epizootiology & diagnosis of leptospirosis. (Rus) Kuz'min, G G *Veterinariia* 3: 51-53. Feb 1973

065791 41.8 V6426
Epizootiology & prophylaxis against leptospirosis in Tselinograd Region. (Rus) Chernoshtanov, A A *Veterinariia* 3: 53-54. Feb 1973

065792 41.8 V6426
On eradicating leptospirosis from farms. (Rus) Stepanenko, P P *Veterinariia* 3: 54-56. Feb 1973

065793 41.8 V6426
Morphological changes in blood of cattle with leukosis. (Rus) Simonian, G A *Veterinariia* 3: 56-59. Feb 1973

065794 41.8 V6426
Study of blastomogenic properties of lymph nodes in cases of leukosis. [Cattle]. (Rus) Shcherbakha, IU I *Veterinariia* 3: 59-60. Feb 1973

065795 41.8 V6426
Dibiomycin for treating necrobacteriosis in cattle. (Rus) Grishaev, N E *Veterinariia* 3: 60-61. Feb 1973

065796 41.8 V6426
Little-known virus disease of geese. (Rus) Vertinskii, K I *Veterinariia* 3: 64-66. Feb 1973

065797 41.8 V6426
Thread-necked worms in sheep in Semipalatinsk Region. (Rus) Osipov, P P *Veterinariia* 3: 67-68. Feb 1973

065798 41.8 V6426
Divezid for controlling lungworms in calves. (Rus) Kuz'min, G S *Veterinariia* 3: 69-70. Feb 1973

065799 41.8 V6426
On toxicity of Divezid. [Sheep, lungworms]. (Rus) Shevchenko, R V *Veterinariia* 3: 70-71. Feb 1973

065800 41.8 V6426
Combined chemoprophylaxis of piroplasmosis in cattle. (Rus) Kolabskii, N A *Veterinariia* 3: 71-73. Feb 1973

065801 41.8 V6426
On spread of anaplasmosis in sheep. (Rus) Nikol'skii, S N *Veterinariia* 3: 73-34. Feb 1973

065802 41.8 V6426
Pneumocystis infection in sheep. (Rus) Shchetinin, A N *Veterinariia* 3: 74-75. Feb 1973

065803 41.8 V6426
Evaluating activity of coccidiostats on chick embryos. (Rus) Shibalova, T A *Veterinariia* 3: 75-76. Feb 1973

065804 41.8 V6426
Study of disinfecting action of gamma rays on bacteria & spores. [Veterinary medicine]. (Rus) Poliakov, A A *Veterinariia* 4: 26-31. Apr 1973

065805 41.8 V6426
Survivability of reindeer strains of Brucella in Far North of USSR. (Rus) Vashkevich, R B *Veterinariia* 4: 33-36. Apr 1973

065806 41.8 V6426
On immunizing subinfection of leptospirosis. (Rus) Sosov, R F *Veterinariia* 4: 39-41. Apr 1973

065807 41.8 V6426
Changes in organs after vaccination with B-8 strain of Brucella abortus vaccine. (Rus) IAzykova, K N *Veterinariia* 4: 41-42. Apr 1973

065808 41.8 V6426
Exchange of amino acids in Brucella when cultured. (Rus) Khazipov, N Z *Veterinariia* 4: 42-44. Apr 1973

065809 41.8 V6426
On forming of antibodies to antibiotics of tetracycline group. (Rus) Karput', I M *Veterinariia* 4: 44-46. Apr 1973

065810 41.8 V6426
On virus carrier in cases of fowl pox. (Rus) Shirinov, F B *Veterinariia* 4: 46-47. Apr 1973

065811 41.8 V6426
On diagnosis of tuberculosis & differentiation of tuberculin tests. [Cattle]. (Rus) Novak, D D *Veterinariia* 4: 48-50. Apr 1973

065812 41.8 V6426
On problem of anaerobic enterotoxemia of calves. (Rus) Kagan, F I *Veterinariia* 4: 51-52. Apr 1973

065813 41.8 V6426
Experimentally induced brucellosis in yaks. (Rus) Vozhdaev, N S *Veterinariia* 4: 52-54. Apr 1973

065814 41.8 V6426
Study of edema disease in baby pigs. (Rus) Buchevoi, I F *Veterinariia* 4: 55-56. Apr 1973

065815 41.8 V6426
Results of studying swine with tuberculosis. (Rus) Kiaushas, I F *Veterinariia* 4: 56-57. Apr 1973

065816 41.8 V6426
On control of virus hepatitis in ducklings. (Rus) Nikitin, M G *Veterinariia* 4: 58-59. Apr 1973

065817 41.8 V6426
Effectiveness of measures for control of virus hepatitis in ducklings. (Rus) Demakov, G P *Veterinariia* 4: 59-61. Apr 1973

065818 41.8 V6426
Experimentally induced listeriosis in ducklings. (Rus) Derevianko, K I *Veterinariia* 4: 61. Apr 1973

065819 41.8 V6426
Immunomorphological research in experimentally induced trichinosis. (Rus) Stepanov, A V *Veterinariia* 4: 67-68. Apr 1973

065820 41.8 V6426
Effectiveness of administering sulfachlopyrazine for controlling coccidiosis in rabbits. (Rus) Kolabskii, N A *Veterinariia* 4: 71-73. Apr 1973

065821 41.8 V6426
Mastitis in female reindeer. (Rus) Tarasenko, T A *Veterinariia* 4: 81-82. Apr 1973

065822 41.8 V6426
On incidence of endometritis in cows. (Rus) Medvedev, G F *Veterinariia* 4: 85-87. Apr 1973

065823 41.8 V6439
Importance of cattle leucosis for veterinary examination of fattened cattle & meat in Czechoslovkia. (Cze) Koudela, K *Veterinarstvi* 23 (1): 13-16. 1973

065824 41.8 V6439
TVM – 1-vaccine against hog cholera. (Cze) Drazan, J *Veterinarstvi* 23 (1): 19-20. 1973

065825 41.8 V6439
Problems of vaccination against infectious bronchitis of chickens. (Cze) Jurajda, V *Veterinarstvi* 23 (1): 23-25. 1973

065826 448.8 V81
Control of transcription during expression of bluetongue virus genome. Huismans, H *Virology* 52 (1): 81-88. Ref. Mar 1973

065827 20 V82
On inoculating beef cattle with Salmonella. (Ukr) Zahaievs'kyi, I S *Visnyk Sil's'kohospodar Nauk* 1: 106-108. Jan 1973

065828 20 V82
Measures for controlling foot-and-mouth disease in swine. (Ukr) Bondarenko, H F *Visnyk Sil's'kohospodar Nauk* 1: 99-101. Jan 1973

065829 20 V82
On prophylaxis of colienteritis in newborn calves. [Colibacillosis]. (Ukr) Fortushnyi, V O *Visnyk Sil's'kohospodar Nauk* 11: 104-106. Sept 1972

065830 20 V82
Isolation of enteroviruses from swine. (Ukr) Romanenko, V F *Visnyk Sil's'kohospodar Nauk* 2: 99-101. Feb 1973

065831 20 V82
Concentration of nucleic acids in organs of healthy swine & in those with Strongyloides infestation. (Ukr) Vovchenko, M M *Visnyk Sil's'kohospodar Nauk* 3: 102-105. 1973

065832 20 V82
Luminescent method of differentiating pathogenic & non-pathogenic acid-resistant mycobacteria. [Cattle, poultry]. (Ukr) Savchenko, P IU *Visnyk Sil's'kohospodar Nauk* 3: 95-98. 1973

065833 20 V82
Study of dynamics of accumulation of acid & neutral mycopolysaccharides in experimental Ascarops infestation of swine. (Ukr) Mel'nykova, K V *Visnyk Sil's'kohospodar Nauk* 3: 98-102. 1973

065834 41.8 V84
Experimental results of a vaccine for Marek's disease & problems. [Avian lymphomatosis]. (Dut) Maas, H J L *Vlaam Diergeneesk Tijdschr* 42 (1): 22-32. Ref. Jan 1973

065835 SF781.V66
Work on problem of natural focus state of diseases in Ukraine. (Rus) Boshko, G V *Vopr Prir Ochagovosti Bolezn* 5: 12-14. 1972

065836 SF781.V66
On problem of state of natural foci of livestock diseases in Kirghizia. [Brucellosis, ticks]. (Rus) Volkova, A A *Vopr Prir Ochagovosti Bolezn* 5: 15-22. 1972

065837 SF781.V66
On scientific research on state of natural foci of diseases in Tadzhik SSR. [Livestock, infectious diseases]. (Rus) Pustovoi, I F *Vopr Prir Ochagovosti Bolezn* 5: 23-28. 1972

065838 SF781.V66
Problems & outlook for study of diseases common to livestock & wild animals in western Transbaikal region. [Infectious diseases]. (Rus) Naimanov, I L *Vopr Prir Ochagovosti Bolezn* 5: 29-37. 1972

065839 SF781.V66
Importance of state of natural foci in epizootiology of certain livestock diseases in western Siberia. [Infectious diseases]. (Rus) Dzhipina, S I *Vopr Prir Ochagovosti Bolezn* 5: 38-44. 1972

065840 SF781.V66
Diseases of fur-bearing animals. (Rus) Kornilov, B E *Vopr Prir Ochagovosti Bolezn* 5: 45-47. 1972

065841 SF781.V66
Natural foci of diseases & means of eradicating them in animal industry. [Infectious diseases]. (Rus) Poliakov, A A *Vopr Prir Ochagovosti Bolezn* 5: 48-54. 1972

065842 SF781.V66
Research on state of natural foci of parasitic diseases of livestock in Kazakhstan. [Toxoplasmosis, Protozoa, verminosis]. (Rus) Boev, S N *Vopr Prir Ochagovosti Bolezn* 5: 5-11. 1972

065843 SF781.V66
On epizootiology of listeriosis on farms of Issyk-Kul Basin. [Sheep, muskrats]. (Rus) Chirov, P A *Vopr Prir Ochagovosti Bolezn* 5: 55-60. 1972

065844 SF781.V66
Epizootiologic importance of interrelationship between wild & domestic animals in case of foot-and-mouth disease. (Rus) Kindiakov, V I *Vopr Prir Ochagovosti Bolezn* 5: 61-63. Ref. 1972

065845 SF604.V75
Studies on sensitivity of Mycoplasma gallisepticum to antibiotics & other chemotherapeutic agents. [Poultry]. (Rus) Ezhov, V I *Vses Akad S-kh Nauk Biull* 12: 101-104. 1972

065846 SF604.V75
Comparative studies on sensitivity of organisms pathogenic to animals to semisynthetic penicillins & other antibiotics. (Rus) Ezhov, V I *Vses Akad S-kh Nauk Biull* 12: 105-109. 1972

065847 SF604.V75
Reproduction of salmonellosis in swine by antibiotic resistant strains. (Rus) Trishkina, E T *Vses Akad S-kh Nauk Biull* 12: 110-114. 1972

065848 SF604.V75
Absorbtion, distribution & elimination of streptomycin from chick body. (Rus) Ezhov, V I *Vses Akad S-kh Nauk Biull* 12: 115-118. 1972

065849 SF604.V75
Levomycetin for treatment of experimental salmonellosis of pigs caused by a tetracycline resistant strain. (Rus) Sarkisov, A Kh *Vses Akad S-kh Nauk Biull* 12: 119-121. 1972

065850 SF604.V75
Concentration, distribution & elimination of monomycin from fowl body. (Rus) Ezhov, V I *Vses Akad S-kh Nauk Biull* 12: 122-124. 1972

065851 SF604.V75
Kinetics & residual amounts of tetracycline in swine after parenteral inoculation of ditetracycline. (Rus) Parfenov, I S *Vses Akad S-kh Nauk Biull* 12: 125-127. 1972

065852 SF604.V75
Peculiarities of absorbtion & distribution of ampicillin in chick body. (Rus) Ezhov, V I *Vses Akad S-kh Nauk Biull* 12: 128-131. 1972

065853 SF604.V75
Therapeutic properties of dibiomycine & ditetracyline in salmonellosis of pigs. (Rus) Dzhilavian, Kh A *Vses Akad S-kh Nauk Biull* 12: 132-133. 1972

065854 SF604.V75
Therapeutic & prophylactic treatment of black leg of cattle & sheep with dibiomycin. (Rus) Kagan, F I *Vses Akad S-kh Nauk Biull* 12: 134-136. 1972

065855 SF604.V75
Prophylactic & therapeutic treatment of necrobacillosis of lambs with antibiotics. (Rus) Petrov, V M *Vses Akad S-kh Nauk Biull* 12: 137-140. 1972

065856 SF604.V75
Immunity in trichophytosis of cattle. (Rus) IAblochnik, L M *Vses Akad S-kh Nauk Biull* 12: 15-16. 1972

065857 SF604.V75
Studies of cross immunity to Trichophyton faviforme & Trichophyton gypseum in calves. (Rus) Petrovich, S V *Vses Akad S-kh Nauk Biull* 12: 20-22. 1972

065858 SF604.V75
Duration of immunity for cattle immunized with (VIEV) preparation TF-130. [Trichophyton, ringworm]. (Rus) Petrovich, S V *Vses Akad S-kh Nauk Biull* 12: 23-25. 1972

065859 SF604.V75
Serologic investigations in ringworm of cattle. [Trichophyton]. (Rus) IAblochnik, L M *Vses Akad S-kh Nauk Biull* 12: 26-29. 1972

065860 SF604.V75
Some aspects of epizootiology & prevention of ringworm of cattle. (Rus) Marinin, E A *Vses Akad S-kh Nauk Biull* 12: 30-31. 1972

065861 SF604.V75
Agents of ringworm of cattle in areas of TF-130 application. [Trichophyton]. (Rus) Koroleva, V P *Vses Akad S-kh Nauk Biull* 12: 32-35. 1972

065862 SF604.V75
Results of preventative efficacy of TF-130 preparation (VIEV) against cattle ringworm in different areas of country. (Rus) Sarkisov, A Kh *Vses Akad S-kh Nauk Biull* 12: 36-39. 1972

065863 SF604.V75
On experience of eradication of cattle ringworm in Kalinin Region. (Rus) Podobedov, A I *Vses Akad S-kh Nauk Biull* 12: 40-43. 1972

065864 SF604.V75
Results of TF-130 (VIEV) application in Tiraspol Region, Moldavian SSR. [Ringworm, control]. (Rus) Korolev, V M *Vses Akad S-kh Nauk Biull* 12: 44-45. 1972

065865 SF604.V75
On experience of ringworm eradication on farm. (Rus) Shishkin, N I *Vses Akad S-kh Nauk Biull* 12: 46-47. 1972

065866 SF604.V75
TF-130 preparation (VIEV) – an effective agent against cattle ringworm. (Rus) Makarchenko, V A *Vses Akad S-kh Nauk Biull* 12: 48-49. 1972

065867 SF604.V75
Results of research work on veterinary mycology carried out in Laboratory for last five years (1966-1970). (Rus) Sarkisov, A Kh *Vses Akad S-kh Nauk Biull* 12: 5-8. 1972

065868 SF604.V75
Preventative efficacy of TF-130 preparation against cattle ringworm on farms of Ashtsk & Matchinsk Regions, Tadjik SSR. (Rus) Ibragimov, E *Vses Akad S-kh Nauk Biull* 12: 50-51. 1972

065869 SF604.V75
Control measures against ringworm of fur-bearing animals. (Rus) Nikiforov, L I *Vses Akad S-kh Nauk Biull* 12: 52-54. 1972

065870 SF604.V75
Specific prevention of cattle ringworm. (Rus) Sarkisov, A Kh *Vses Akad S-kh Nauk Biull* 12: 9-14. 1972

065871 SF604.V75
Species of Salmonella isolated from swine on farms of Moscow Region & their sensitivity to antibiotics. (Rus) Trishkina, E T *Vses Akad S-kh Nauk Biull* 12: 96-100. 1972

065872 20 AK1
Antigenic vaccination of calves with measles. (Rus) Kosminkov, N E *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 2: 32-33. Feb 1973

065873 20 AK1
Microscopic study of blood & smearprints from damaged organs of cattle with leukosis. (Rus) Barkhudarian, V A *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 2: 33-34. Feb 1973

065874 20 AK1
Effect of inhibitors of macromolecular synthesis on reproduction of virus of Aujeszky's disease. [Pseudorabies]. (Rus) Orliankin, B G *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 2: 35-36. Ref. Feb 1973

065875 275.29 W27MI
Bovine virus diarrhea – mucosal disease (B.V.D.). Hostetler, R I *Wash State Univ Ext Em* 3736, 3 P. Jan 1973

065876 275.29 W27MI
Anaplasmosis. [Anaplasma marginale]. Hostetler, R I Cooperative Extension Service *Wash State Univ Ext Em* 3738, 2 P. Jan 1973

065877 436.8 W63
Dog & cat as media conveying toxoplasmosis to men. (Pol) Gabrys, A *Wiad Parazytol* 18 (2/3): 237-240. Ref. Eng. Sum. 1972

065878 41.8 T345
Immunization of pigs against swine pox with culture-adapted virus. (Ger) Kubin, G *Wien Tierarztl Monatsschr* 59 (10): 317-319. Ref. Eng. Sum. Oct 1972

065879 41.8 T345
Colivet in treatment of baby pig diarrhea. (Ger) Baumgartner, W *Wien Tierarztl Monatsschr* 59 (10): 323-326. Eng. Sum. Oct 1972

065880 449.9 W892B
Trypanosomiasis in domestic livestock in Lambwe Valley area & a field evaluation of various diagnostic techniques. [Kenya]. Robson, J *World Health Organ Bull* 47 (6): 727-734. Ref. 1972

065881 449.9 W892B
An observation on unexpected frequency of some multiple infections. [Cattle, Kenya, Trypanosoma]. Willett, K C *World Health Organ Bull* 47 (6): 747-749. 1972

065882 449.9 W892B
Application of indirect fluorescent antibody test to samples of sera & dried blood from cattle in Lambwe Valley, South Nyanza, Kenya. [Trypanosomiasis]. Ashkar, T *World Health Organ Bull* 47 (6): 769-772. 1972

065883 449.9 W892B
Results of field trials of capillary agglutination test for detection of bovine trypanosomal antibodies, ccarried out in Lambwe Valley. [Kenya]. Robson, J *World Health Organ Bull* 47 (6): 779-780. 1972

065884 41.9 B753
Comparative studies of some tests for health evaluation of the milk gland in cows. I. Californian test and its modification. (Pol) Strojna, S *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 21: 145-163. Ref. Eng. Sum. 1972

065885 41.9 B753
Comparative studies on some tests for health evaluation of milk gland in cows. II. Physical changes in milk as assessed by Hotis & CAMP tests. (Pol) Strojna, S *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 21: 165-172. Eng. Sum. 1972

065886 41.9 B753
Experimental listeriosis in dogs. [Listeria monocytogenes]. (Pol) Bochdalek, R *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 21: 173-180. Ref. Eng. Sum. 1972

065887 41.9 B753
Peripheral blood picture, uric acid & some electrolytes level in plasma of chickens with infectious inflammation of Fabricius bag. (Pol) Mazurkiewicz, M *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 28: 61-68. Ref. Eng. Sum. 1972

065888 41.9 B753
Fluorescent antibodies in detection of pulorosis in hens [Salmonella pullorum]. (Pol) Podlewska, D *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 28: 7-25. Ref. Eng. Sum. 1972

065889 41.9 B753
Specificity of tuberculin reaction in cattle with experimental SB-701 infection (group III after Runyon). (Pol) Sobiech, T *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 29: 159-175. Ref. Eng. Sum. 1972

065890 41.9 B753
Incidence of anti-Yersinia pseudotuberculosis antibodies in animals. [Dogs, cats, swine, cattle]. (Pol) Skurski, A *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 29: 177-185. Ref. Eng. Sum. 1972

065891 41.9 B753
Etiology and pathogenesis of infection atrophic rhinitis in pigs. (Pol) Michalski, Z *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 29: 53-90. Ref. Eng. Sum. 1972

065892 41.9 B753
Attempts at biochemical classification of Yersinia enterocolitica. [Swine, hares]. (Pol) Fertig, S *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 29: 91-113. Ref. Eng. Sum. 1972

065893 442.8 Z33F
Resistance potential of certain breeds of domestic fowl exposed to Raillietina tetragona infections. X. Influence of sex hormones on raillietina tetragona infection. Nadakal, A M *Z Parasitenk* 41 (2): 147-156. Ref. 1973

065894 442.8 Z33F
Effects of total-body X-irradiation on Trypanosoma cruzi infection (Chagas' disease) in mice & rats. Roberson, E L *Z Parasitenk* 41 (2): 83-94. Ref. 1973

065895 41.8 Z52
Demonstration of parainfluenza 3 viral antibodies in serum & nasal excretion of calves & cattle with particular reference to haemagglutination-inhibiting antibodies. (Ger) Bernhardt, D *Zentralbl Veterinarmed Reihe B* 20 (2): 102-110. Ref. Eng. Sum. Mar 1973

065896 41.8 Z52
Antiviral effect of thiourea & urea derivatives in experimental foot-and-mouth disease. Shindarov, L *Zentralbl Veterinarmed Reihe B* 20 (2): 111-117. Ref. Mar 1973

065897 41.8 Z52
Humoral immunity response of sheep to use of inactivated rabies vaccine. (Ger) Wachendorfer, G *Zentralbl Veterinarmed Reihe B* 20 (2): 118-126. Ref. Eng. Sum. Mar 1973

065898 41.8 Z52
Immunization of pigs with vaccines from inactivated Aujeszky virus. (Ger) Skoda, R *Zentralbl Veterinarmed Reihe B* 20 (2): 127-138. Ref. Eng. Sum. Mar 1973

065899 41.8 Z52
Experimental infection of colostrum-deprived, specific-pathogen free piglets with A/Hong Kong/ (H 3 N 2) influenza virus. Pospisil, Z *Zentralbl Veterinarmed Reihe B* 20 (2): 139-152. Ref. Mar 1973

065900 41.8 Z52
Tumorous pigeon & canary pox. (Ger) Hartig, F *Zentralbl Veterinarmed Reihe B* 20 (2): 153-160. Ref. Eng. Sum. Mar 1973

065901 41.8 Z52
Plaque assay of turkey herpesvirus & attenuated Marek's disease virus. Bulow, V V *Zentralbl Veterinarmed Reihe B* 20 (2): 161-165. Ref. Mar 1973

065902 41.8 Z52
Sero-epizootological studies on the distribution of influenza A2/Hongkong/1/68 and A/equi2/Miami/63 infections in German horse studs. (Ger) Thein, P *Zentralbl Veterinarmed Reihe B* 20 (2): 85-93. Ref. Eng. Sum. Mar 1973

065903 41.8 Z52
An electron microscopic study of pigeon herpesvirus in chick embryos. Smid, B *Zentralbl Veterinarmed Reihe B* 20 (2): 94-101. Ref. Mar 1973

065904 QL1.Z62
Adventurous life of parasites. 2. [Animals]. (Fre) Thienpont, D *Zoo Anvers* 38 (3): 163-166. Jan 1973

NON-INFECTIOUS DISEASES

065905 41.8 AM3A
Electroencephalographic correlates of a metastatic brain tumor in a Beagle dog. Redman, H C *Amer J Vet Res* 34 (5): 681-684. Ref. May 1973

065906 41.8 AM3A
Lysozyme (muramidase) activity in canine myelogenous leukemia. [Dogs]. Shifrine, M *Amer J Vet Res* 34 (5): 695-696. May 1973

065907 41.8 AM3
Treatment of Cushing's syndrome in dog with an adrenocorticolytic agent (o,p'DDD). Schechter, R D *Amer Vet Med Assoc J* 162 (8): 629-639. Ref. Apr 15, 1973

065908 41.8 AM3
Vesicoureteral reflux in dogs. Christie, B A *Amer Vet Med Assoc J* 162 (9): 772-776. Ref. May 1, 1973

065909 41.8 AM3
Venous anomalies in a filly. Wheat, J D *Amer Vet Med Assoc J* 162 (9): 779-780. May 1, 1973

065910 41.8 AM3
Uterine prolapse in a mare. Slack, A *Amer Vet Med Assoc J* 162 (9): 780. May 1, 1973

065911 41.8 AN78
Necropsic examination of leukemic bovines. (Fre) Mammerickx, M *Ann Med Vet* 117 (2): 93-102. Mar 1973

065912 41.8 AU72
Ketosis in pregnant sheep & lactating cows: A review. Kronfeld, D S *Aust Vet J* 48 (12): 680-687. Ref. Dec 1972

065913 442.8 B529
Occurrence of diseases in cattle herds in state of Sao Paula in 1965/1967 triennial: Deficiency diseases in regions of Sao Jose do Rio Preto & Ribeirao Preto. (Por) Tupinamba Valente, F A *Biologico* 38 (12): 405-409. Dec 1972

065914 41.9 B61AE
Downer-cow-yndrome. Hofmann, W *Blue Book Vet Prof* 22: 163-166. 1972

065915 41.8 C12
Myeloproliferative disorder in a cat with a period of remission followed by a relapse two years later. Schalm, O W *Calif Vet* 27 (4): 26-29. Apr 1973

065916 41.8 C163
Formation of siliceous urinary calculi in calves given supplements containing large amounts of sodium chloride. Bailey, C B *Can J Anim Sci* 53 (1): 55-60. Mar 1973

065917 41.8 C163
Influence of particle size of concentrate on rumen conditions associated with feedlot bloat. Hironaka, R *Can J Anim Sci* 53 (1): 75-80. Ref. Mar 1973

065918 41.8 C162
Electrocardiography for diagnosis & control of efficacy or oral quinidine sulfate in a case of atrial fibrillation in a Holstein cow. Dussault, J P *Can J Comp Med* 37 (2): 147-151. Ref. Apr 1973

065919 448.8 EN2
Biologic action of 1,25-dihydroxyvitamin D3 in rachitic dog. Brickman, A S *Endocrinology* 92 (3): 728-734. Ref. Mar 1973

065920 SF955.E6
Chronic pulmonary disease in horse. Gerber, H *Equine Vet J* 5 (1): 26-32. Ref. Jan 1973

065921 43.8 F66
Grass tetany is serious problem with cattle in Florida. Meyerholz, G W *Fla Cattleman Livestock J* 37 (8): 35. May 1973

065922 43.8 F66
High grain ration finishing can cause digestive problems. [Cattle]. Baker, F S *Fla Cattleman Livestock J* 37 (8): 42. May 1973

065923 41.8 F712
Relation of E vitamin level in liver of chicks to encephalomalacia of nutritional origin. Lazar, J *Folia Vet* 16 (3/4): 25-31. Ref. 1972

065924 41.8 G29
Acute pancreatitis in dog. Hitchcock, P L *Ga Vet* 25 (2): 15-17. Mar/Apr 1973

065925 SF391.H6
Vitamin H deficiency in feeds. [Swine]. Adams, M *Hog Farm Manage* 10 (5): 40. May 1973

065926 41.8 IL62
Equine spinal ataxia. Baeder, A *Ill Vet* 16 (4): 18-19. Apr 1973

065927 41.8 IL62
Canine epileptic convulsions: treatment. Parker, A J *Ill Vet* 16 (4): 5-11. Apr 1973

065928 SF771.N6
Diseases of young livestock related to selenium deficiency – their prophylaxis & therapy. (Rus) Kudriavtsev, A A *In Novoe v Lechenii i Profilaktike Infektsionnykh Boleznei Zhivotnykh* P. 198-209. 1972

065929 SF1.I4
Incidence & pathogenesis of rickets in chicks in a commercial poultry farm. Nayak, B C *Indian J Anim Health* 11 (2): 137-140. Ref. Dec 1972

065930 SF1.I4
Occurence of diffuse cortical necrosis associated with calcification in ovine kidney. Khanna, R S *Indian J Anim Health* 11 (2): 215-216. Dec 1972

065931 SF1.I4
Cryptorchidism in a herd of Rathi cattle. Kohli, I S *Indian J Anim Health* 11 (2): 241-243. Dec 1972

065932 SF1.I4
Cystadenoma of ovary in a fowl. [Chickens]. Kharole, M U *Indian J Anim Health* 11 (2): 277. Dec 1972

065933 49 J82
Effects of stress on cattle with hereditary muscular hypertrophy. Holmes, J H G *J Anim Sci* 36 (4): 684-694. Ref. Apr 1973

065934 49 J82
Factors affecting dystoia & effects of dystocia on subsequent reproduction in beef cattle. Laster, D B *J Anim Sci* 36 (4): 695-705. Ref. Apr 1973

065935 442.8 AM3
A third donald duck beak anomaly in fowl. McGibbon, W H *J Hered* 64 (1): 46-47. Jan/Feb 1973

065936 41.8 J8292
Canine urethro-rectal fistulae. [Dogs]. GoDlden, B *J Small Anim Pract* 14 (3): 143-150. Mar 1973

065937 41.8 J8292
Bone-metastasizing squamous-cell carcinoma of skin in a dog. Jonsson, L *J Small Anim Pract* 14 (3): 159-165. Ref. Mar 1973

065938 41.8 J8292
Adrenal insufficiency in dog: two case reports. Fox, J G *J Small Anim Pract* 14 (3): 167-175. Ref. Mar 1973

065939 41.9 J275
A feline case of pericardiac diaphragmatic hernia. (Jap) Murosaku, A *Jap Vet Med Ass J* 26 (3): 119-123. Ref. Eng. Sum. Mar 1973

065940 41.9 J275
Tumors of genital organs in domestic animals. II. Seven cases of ovarian tumors in cows & sows. (Jap) Maeda, T *Jap Vet Med Ass J* 26 (3): 134-139. Ref. Eng. Sum. Mar 1973

065941 41.8 M463
Current views on etiology & pathogenesis of parturition hypocalcaemia complex in cattle. (Pol) Fitko, R *Med Wet* 29 (1): 1-4. Ref. Jan 1973

065942 41.8 M463
A case of bilateral resection of femoral small eminences in case of hip joint dysplasia in a dog. (Pol) Chwilczynski, M *Med Wet* 29 (1): 37-38. Jan 1973

065943 41.8 M463
Cases of osteodystrophia fibrosa in cat & horse. (Pol) Chwilczynski, M *Med Wet* 29 (1): 44-46. Jan 1973

065944 41.8 M463
Clinical form of parakeratosis of young cattle due to zinc relative defficiency in feed. (Pol) Wisniewski, E *Med Wet* 29 (2): 101-102. Ref. Eng. Sum. Feb 1973

065945 41.8 M463
Results of treatment of carpal hydropsies in cattle by technique of infections with copper sulphate. (Pol) Ratajczak, K *Med Wet* 29 (2): 103-105. Feb 1973

065946 41.8 M463
Inflammation of urinary tract in rams due to urolithiasis. (Pol) Lugowski, T *Med Wet* 29 (2): 118-119. Feb 1973

065947 41.8 M463
Haemangioendothelioma in liver of a dog. (Pol) Rubaj, B *Med Wet* 29 (2): 118-119. Feb 1973

065948 19 M577
Constitutional weakness of swine bones. (Hun) Hamori, D *Mezogazdasagi Vilagirodalom* 15 (1): 41-45. 1973

065949 41.8 M742
Occurrence of feed-dependent muscular dystrophy in rabbits. (Ger) Johannsen, U *Monatsh Veterinarmed* 28 (7): 266-272. Ref. Eng. Sum. Apr 1, 1973

065950 41.8 N483
Renal haemangioma in a dog. Cadwallader, J A *New Zeal Vet J* 21 (3): 48-51. Ref. Mar 1973

065951 41.8 N813
A clinical study of compound Astra 2045 in treatment of bovine hypocalcaemia with special reference to dosage levels. Nurmio, P *Nord Vet Med* 25 (2): 104-109. Feb 1973

065952 513 OB3
Generalized amyloidosis in cattle: a report of three cases. (Jap) Ono, T *Obihiro Zootech Univ Res Bull* (Ser. 1) 7 (4): 561-576. Ref. Eng. Sum. Jan 1973

065953 20.5 OL8
Congenital cervical heart position in a pig: situs cervicalis cordis congenitus. I. Observations during lifetime. (Pol) Gienc, J *Olsztyn Wyzsza Szkola Roln Zeszyty Nauk* 28 (2): 235-242. Ref. Eng. Sum. 1972

065954 41.8 P53
Persistent right aortic arch in a German Shepherd pup. Lacuata, A Q *Philippine J Vet Med* 11 (1): 129-132. June 1972

065955 41.8 P76
Behaviour of rabbits blood serum proteins in dynamics of process leading to liver cirrhosis. (Pol) Poloczek-Adamowicz, A *Pol Arch Weter* 15 (2): 397-408. Eng. Sum. 1972

065956 41.8 B86
Contribution to study of arthropathy in spinal column of horse. (Spa) Toucedo, G A *Rev Med Vet (buenos Aires)* 53 (6): 551-554, 557-559. Eng. Sum. 1972

065957 49 P943
Research on malignant lymphogranulomatosis in cattle (Hodgkin's disease). (Rum) Sirbu, Z *Rev Zootech Med Vet* 23 (1): 52-59. Eng. Sum. Jan 1973

065958 SF1.R54
Diseases of new born. [Calves]. (Ita) Penati, L *Rilancio Agric Vet Zootec* 4 (8/9): 35-38. 1972

065959 49 R52
Vitamin B1 deficiency in ruminants. (Ita) Zintzen, H *Riv Zootec* 9/10: 399-408. Ref. Sept/Oct 1972

065960 HD1940.C95P74
Post mortem picture of muscle degeneration of nutritional origin in young cattle. (Cze) Kursa, J *Sb Vys Sk Zemed Praze, Provozne Ekon Fak, Cesk Budejovicich, Biol Rada* 10 (2): 145-157. Ref. Eng. Sum. 1972

065961 HD1940.C95P74
Contribution to prevention of health & production losses in calves during milk fattening. (Cze) Kursa, J *Sb Vys Sk Zemed Praze, Provozne Ekon Fak, Cesk Budejovicich, Biol Rada* 10 (2): 83-96. Ref. Eng. Sum. 1972

065962 41.8 F49
Ruminant ketosis. I. primary ketosis. (Fin) Nurmio, P *Suomen Elainlaakarilehti* 79 (3): 157-164. Ref. Eng. Sum. Mar 1973

065963 41.9 SV23
Hypocalcemia in lambs. (Swe) Luthman, J *Svensk Veterinartidn* 25 (6): 211-213. Ref. Mar 1973

065964 41.8 T445
On formation of ovary cysts based on a comparative study of Argentinian-Uruguayan slaughter cattle, especially taking under consideration cyclic reverse phase. (Ger) Dieter, R *Tierarztl Umsch* 28 (2): 62-73. Ref. Feb 1, 1973

065965 41.8 T445
Treatment of outside skin diseases of animals. [Dogs, cats]. (Ger) Knecht, G *Tierarztl Umsch* 28 (2): 85-86. Feb 1, 1973

065966 41.8 T445
On relationships between feed, feeding & ovary anomalies. [Cattle]. (Ger) Dieter, R *Tierarztl Umsch* 28 (3): 122-127. Ref. Mar 1, 1973

065967 41.8 T445
New ways in treatment of birth damages & back phlegmons of cattle from point of view of practicing veterinarian. (Ger) Lensch, J *Tierarztl Umsch* 28 (4): 170, 172-174, 176. Apr 1, 1973

065968 41.8 T445
Influx of two phase effect of intra articular injection of Betamethason on blood & synovial fluid composition of horse. (Ger) Houdeshell, J W *Tierarztl Umsch* 28 (4): 189-190, 192. Apr 1, 1973

065969 49 T445
Causes, prevention & treatment of retained placenta in cows. (Ger) Kudlac, E *Tierzuchter* 25 (1): 15-17. Jan 1973

065970 41.8 T431
Kypomagnesemia & hypomagnesemic tetany during housing period of dairy cattle in relation to their magnesium supply. (Dut) Kemp, A *Tijdschr Diergeneesk* 98 (4): 187-193. Eng. Sum. Feb 15, 1973

065971 41.8 T431
Yellow fat disease in baby pigs. (Dut) Hardeman, Y H P *Tijdschr Diergeneesk* 98 (4): 199-201. Eng. Sum. Feb 15, 1973

065972 26 T754
Selenium status of pastures in Uganda. [White muscle disease, infertility, cattle, sheep]. Long, M I E *Trop Agr (st Augustine)* 50 (2): 121-128. Ref. Apr 1973

065973 20 AK16
On problem of stimulating growth, productivity & greatment of certain noninfectious diseases of livestock with hormonal-tissue biostimulants. (Rus) Khanin, M A *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 58-59. Jan 1973

065974 41.9 C333
Use of automatic counters: Coulter Counter, Celloscoppe 101, TURZG 1 & Picoscale in hematological diagnosis of leucosis in cattle. (Cze) Hofirek, B *Vet Med (prague)* 17 (9): 511-518. Ref. Eng. Sum. Sept 1972

065975 41.8 V641
Thiamin & equine laryngeal hemiplegia. Loew, F M *Vet Rec* 92 (14): 372-373. Ref. Apr 7, 1973

065976 41.8 V641
Inherited lysosomal storage diseases: an essay in comparative medicine. Jolly, R D *Vet Rec* 92 (15): 391-400. Ref. Apr 14, 1973

065977 41.8 V641
A case of intestinal torsion in equine. Gunn, S D *Vet Rec* 92 (6): 148-149. Feb 10, 1973

065978 41.8 V6463
Arthrosia of calves intensively fed. (Bul) Stoichovski, P *Vet Sbirka* 69 (4): 30-32. 1972

065979 41.8 V6463
On hereditary substantiated aplasia & hypoplasia of mammary gland tissues in cows. II. (Bul) Minchev, P *Vet Sbirka* 69 (5): 32-36. 1972

065980 41.8 V6463
Rarely observed cases of pathologic oedema with hyperplasia of connective tissue of mammary gland in cows. (Bul) Minchev, P *Vet Sbirka* 69 (7): 33-37. Eng. Sum. 1972

065981 41.8 V6463
Studies on anemia in newborn piglets. (Bul) Dilov, P *Vet Sbirka* 69 (7): 41-45. 1972

065982 41.8 V6463
Studies on occurrence of ketosis & liver dystrophy in cows in district of Tolbukhin: Economic losses. (Bul) Danov, M *Vet Sbirka* 69 (8): 27-30. 1972

065983 41.8 V6463
Studies on liver dystrophy in high-producting cows on cooperative farms in district of Tolbukhin: Economic losses. (Bul) Simeonov, S *Vet Sbirka* 69 (8): 31-35. 1972

065984 41.8 V6463
Attempts to treat ovarial cysts in cows with use of potassium iodide. (Bul) Dzhambazov, G *Vet Sbirka* 69 (8): 36-38. 1972

065985 SF604.V46
Nutritional muscular dystrophy of cattle. 2. Combinal E SPOFA & Selevit injections in prevention of disease in young cattle. (Cze) Kursa, J *Veterinaria (prague)* 14 (2): 103-117. Ref. Eng. Sum. 1972

065986 41.8 V6426
Follicular tufts in ovaries of mares. (Rus) Zhivotkov, Kh I *Veterinariia* 1: 83-84. 1973

065987 41.8 V6426
Dibiomycin therapy for pulmonary diseases of calves. (Rus) Bakhtin, D P *Veterinariia* 11: 81-82. Nov 1972

065988 41.8 V6426
Prophylaxis against metabolic disorders in pregnant sheep. (Rus) Safonov, A F *Veterinariia* 2: 89-90. Feb 1973

065989 41.8 V6426
Oxygen saturation of blood of sheep after oxygenation. (Rus) Kviatkovskii, V N *Veterinariia* 2: 90-91. Feb 1973

065990 41.8 V6426
Study of ketosis in pregnant sheep. (Rus) Gabidullin, G Kh *Veterinariia* 2: 91-93. Feb 1973

065991 41.8 V6426
Making up for vitamin-mineral deficiency in Karakul sheep. (Rus) Amanov, K *Veterinariia* 2: 94-95. Feb 1973

065992 41.8 V6426
Effectiveness of measures for controlling white muscle disease. [Sheep]. (Rus) Titov, G I *Veterinariia* 2: 95-96. Feb 1973

065993 41.8 V6426
Functional disorder of liver in cases of calf dyspepsia. (Rus) Bakhutashvili, O I *Veterinariia* 3: 100-101. Feb 1973

065994 41.8 V6426
Prophylaxis against edema disease in baby pigs. (Rus) Matiushev, P S *Veterinariia* 3: 62-63. Feb 1973

065995 41.8 V6426
Treating cows for afterbirth retention. (Rus) Red'kin, I P *Veterinariia* 3: 85-86. Feb 1973

065996 41.8 V6426
Prophylaxis & therapy for calves with dyspepsia. (Rus) Sidorenko, N M *Veterinariia* 3: 89-90. Feb 1973

065997 41.8 V6426
Seasonality in growth of disease incidence for calves with dyspepsia. (Rus) Zholudov, V P *Veterinariia* 3: 91-93. Feb 1973

065998 41.8 V6426
Carbohydrate metabolism in tissues in cases of toxic dyspepsia. [Cattle]. (Rus) Rozgoni, I I *Veterinariia* 3: 93-95. Feb 1973

065999 41.8 V6426
Hypoproteinemia & hypogammaglobulinemia in calves. (Rus) Volovenko, M A *Veterinariia* 3: 95-97. Feb 1973

066000 41.8 V6426
Oxytocin for retention of afterbirth in cows. (Rus) Misailov, V D *Veterinariia* 4: 76-78. Apr 1973

066001 41.8 V6426
Pathomorphological changes in uterus with metrorrhagia. [Cattle]. (Rus) Nezhdanov, G P *Veterinariia* 4: 78-80. Apr 1973

066002 41.8 V6426
Change in properties of rumen contents & ketosis formation in cows. (Rus) Smirnov, S I *Veterinariia* 4: 91-94. Apr 1973

066003 41.8 V6426
Osteoarthrosis in young fattened bulls. (Rus) Panilov, N A *Veterinariia* 4: 94-95. Apr 1973

066004 41.8 T345
Cysplasia of elbow in dog. (Ger) Pobisch, R *Wien Tierarztl Monatsschr* 59 (10): 297-307. Ref. Eng. Sum. Oct 1972

066005 41.8 T345
Study on distribution of Selenium 75 in chick in relation to vitamin E deficiency. (Ger) Leibetseder, J *Wien Tierarztl Monatsschr* 60 (4): 121-124. Ref. Eng. Sum. Apr 1973

066006 449.9 W892B
Hepatocarcinogenesis & appearance of serum alpha-fetoprotein in mice treated with extracts of barley grain infected with Fusarium sporotrichioides. Akhmeteli, M A *World Health Organ Bull* 47 (5): 663-664. 1972

066007 41.9 B753
Hormonal treatment of cryptorchism in bulls & dogs. (Pol) Senze, A *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 21: 195-200. Ref. Eng. Sum. 1972

066008 41.9 B753
Geriocain in some varieties of infertility in bulls. (Pol) Senze, A *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 21: 201-205. Eng. Sum. 1972

066009 41.9 B753
Water-electrolyte & acid alkaline balance in hens with experimental uratic diathesis. (Pol) Mazurkiewicz, M *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 28: 27-46. Ref. Eng. Sum. 1972

066010 41.8 Z5
Zinc concentration in rat hair in zinc deficiency & excess: suitability of hair as an indicator of zinc distribution. (Ger) Pallauf, J *Zentralbl Veterinarmed Reihe A* 20 (2): 100-109. Ref. Eng. Sum. Mar 1973

066011 41.8 Z5
Neuro-epithelial invagination, a form of retinal dysplasia in Beagle. (Ger) Weisse, I *Zentralbl Veterinarmed Reihe A* 20 (2): 89-99. Eng. Sum. Mar 1973

066012 41.8 Z5
Canine alimentary neoplasia. Hayden, D W *Zentralbl Veterinarmed Reihe A* 20 A (1): 1-22. Ref. Jan 1973

066013 49.9 C33
Peroral application of new organic iron compounds as a prophylatic measure against piglet physiological sideropenic anemia. (Cze) Kratky, F *Zivocisna Vyroba* 17 (12): 901-910. Ref. Eng. Sum. Dec 1972

MISCELLANEOUS DISEASES

066014 SF601.A47
Pesticides & domestic animals. I. Chlorinated hydrocarbon insecticides, residues, translocation in plants, uptake & elimination. Van Gleder, G A *Am Coll Vet Toxicol News* 15 (1): 1-5. Ref. Feb 1973

066015 SF601.A47
Agricultural chemical: Rodenticides, herbicides, fkngicides & insecticides of toxicologic significance in veterinary medicine. Furr, A *Am Coll Vet Toxicol News* 15 (1): 6-9. Feb 1973

066016 SF601.A47
Notes from Symposium on Mycotoxicoses of Domestic Animals, New Orleans, Louisiana, Monday, July 17, 1972. Hogg, A *Am Coll Vet Toxicol News* 15 (1): 9. Feb 1973

066017 41.8 AM3
Chronic lead poisoning in horses. Knight, H D *Amer Vet Med Assoc J* 162 (9): 781-786. Ref. May 1, 1973

066018 49 C43
Nitric acid accumulation condition in pasture & its poisoning of livestock. (Jap) Yoshino, M *Anim Husb (tokyo)* 27 (4): 8-12. Ref. Apr 1973

066019 SF604.A52
Cyanide intoxication of swine & poultry. (Por) Nazario, W *Atual Vet* 1 (4): 16-19. Ref. Nov/Dec 1972

066020 41.8 AU1
Grass awn penetration in dog. [Stipa, Setaria, Aristida stricta]. Nicholson, F R *Auburn Vet* 29 (2): 59-65. Winter 1973

066021 41.8 B45
Pathological-histological changes of the thyroid gland of cattle and rabbits after feeding with methylthiouracil. (Ger) Griem, W *Berliner Munchener Tierarztl Wochenschr* 86 (3): 50-56. Ref. Eng. Sum. Feb 1, 1973

066022 QH345.C5
Conversion of pyrrolizidine alkaloid retrorsine to pyrrolic derivatives in vivo & in vitro & its acute toxicity to various animal species. [Senecio isatideus]. White, I N H *Chem-biol Interactions* 6 (4): 207-218. Ref. Apr 1973

066023 298.8 SU2
Recognition of mistakes in feeding techniques & damages caused by feed in livestock nutrition. (Ger) Tievs, J *Deut Muller-zeitung* 71 (6): 102-106. Mar 22, 1973

066024 41.8 D482
Influence of salve-compresses on wound healing in horses. (Ger) Jensen, W *Deut Tierarztl Wochensch* 79 (21): 518-522. Eng. Sum. Nov 1, 1972

066025 41.8 F712
Effect of ionizing irradiation on bone deformations in distal part of pectoral limb in rat of Wistar strain. (Slo) Horak, J *Folia Vet* 16 (3/4): 49-57. Ref. Eng. Sum. 1972

066026 41.8 F712
Effect of continaul irradiation with lower doses on blood picture of rats. (Ger) Chlebovsky, O *Folia Vet* 16 (3/4): 59-67. 1972

066027 41.8 F712
Effect of continual irradiation of middle flow on blood picture of rats. (Slo) Praslicka, M *Folia Vet* 16 (3/4): 69-76. Ref. 1972

066028 41.8 F712
Effect of continual irradiation with high doses on blood picture & mortality of rats. (Slo) Chlebovsky, O *Folia Vet* 16 (3/4): 77-83. 1972

066029 22 IN8
A killer of sheep. [Entrotoxaemia]. Kant, R *Intensive Agr* 10 (10): 27-28. Dec 1972

066030 41.8 M463
Hypersensitivity of piglets to iron drugs. [Poisoning]. (Pol) Schollenberger, A *Med Wet* 29 (1): 34-36. Jan 1973

066031 41.8 M463
Observations on application of Chelaton in treatment of cattle intoxicated with lead. (Pol) Nikodemska, E *Med Wet* 29 (1): 38-39. Jan 1973

066032 41.8 M463
Complications in horses after application of Mepatar. (Pol) Nicpon, J *Med Wet* 29 (1): 42-44. Jan 1973

066033 41.8 M463
Content of 137 Cs [cesium 137] in muscles of free-living & related domesticated animals. (Pol) Szulc, M *Med Wet* 29 (1): 52-55. Ref. Eng. Sum. Jan 1973

066034 41.8 M463
Determination of mercury in biological material by flameless atomic ansorption spectrophotometry. [Horses, kidneys]. (Pol) Zmudzki, J *Med Wet* 29 (2): 120-122. Ref. Eng. Sum. Feb 1973

066035 41.8 M742
Reception of samples for chemico-toxicological tests. [Livestock, poisoning]. (Ger) Lange, H *Monatsh Veterinarmed* 27 (22): 877-879. Eng. Sum. Nov 15, 1972

066036 41.8 N813
Laryngeal fistula in cattle. Hjorth, P *Nord Vet Med* 25 (2): 88-90. Feb 1973

066037 23 AU75
Wounds in horses. Cox, K J *Pastoral Rev* 82 (12): 589-590. Dec 1972

066038 41.8 P882
On a poisoning with herbicide Deliquat in sheep. (Ger) Matschullat, G *Prakt Tierarzt* 54 (2): 49-50. Feb 1, 1973

066039 41.8 R25
Effect of feeding Cyolane – treated lucerne hay to calves. [Poisoning]. Egyed, M N *Refuah Vet* 29 (4): 158-161. Dec 1972

066040 SF1.R54
Abortion caused by cortisone. 1. [Ruminants]. (Ita) Ballarini, G *Rilancio Agric Vet Zootec* 4 (10): 22-23. 1972

066041 SF1.R54
Abortion caused by cortisone. 2. [Ruminants]. (Ita) Ballarini, G *Rilancio Agric Vet Zootec* 4 (11/12): 14-15. 1972

066042 100 SO8T
Evaluation of chronic nitrate toxicity hypothesis in breeding cattle. Gillingham, J T *S C Agr Exp Sta Tech Bull* 1044, 6 P. Ref. Oct 1972

066043 442.9 SA6
Intoxication of buffaloes fed with Brachiaria sp. (Tanner grass). (Por) Oschita, M *Sao Paulo Inst Biol Arq* 39 (3): 209-211. Eng. Sum. July/Sept 1972

066044 442.9 SO1
Teratogenic compounds of Veratrum californicum (Durand). XIV. Limb deformities produced by cyclopamine. [Sheep]. Keeler, R F *Soc Exp Biol Med Proc* 142 (4): 1287-1291. Apr 1973

066045 49 T443
Preparing cattle for grazing season & how to prevent nitrate-nitrite intoxications & grass tetany. (Ger) Heinke, I *Tierzucht* 27 (3): 122-123. Mar 1973

066046 49 T443
Recommendations for preventing hoof damages when starting new dairy units with litterless keeping. (Ger) Ebendorff, W *Tierzucht* 27 (3): 136-138. Mar 1973

066047 41.8 T431
Prevention of chronic copper poisoning in sheep, addition of molybdenum & sulphate to concentrates. (Dut) Berg, R van der *Tijdschr Diergeneesk* 98 (7): 328-334. Ref. Eng. Sum. Apr 1, 1973

066048 391.8 T662
Effect of isomers of DDD on ACTH-induced steroid output, histology & ultrastructure of dog adrenal cortex. Hart, M M *Toxicol Appl Pharmacol* 24 (1): 101-113. Ref. Jan 1973

066049 391.8 T662
Measurement of toxic heavy metals by neutron activation analysis. [Livestock, poisonong]. Eckhoff, N D *Toxicol Appl Pharmacol* 24 (2): 178-181. Feb 1973

066050 391.8 T662
Metabolism of [carbon 14]lactate by rat kidney slices after acute mercurial intoxication. Ellis, R W *Toxicol Appl Pharmacol* 24 (2): 230-238. Ref. Feb 1973

066051 41.9 C333
Toxic effect of heat-treated Bacillus cerus culture. [Animals]. (Cze) Prokupek, K *Vet Med (prague)* 17 (9): 551-559. Eng. Sum. Sept 1972

066052 41.8 V641
Rupture of bile duct in a dog. Borthwick, R *Vet Rec* 92 (14): 356-359. Apr 7, 1973

066053 41.8 V641
Rupture of common bile duct in dog: a case report. Long, R D *Vet Rec* 92 (14): 370. Apr 7, 1973

066054 41.8 V641
Toxicity of systemic insecticides. Toxicological considerations in using organophosphorus insecticides. [Cattle, Hypoderma bovis, Hypoderma lineatum]. Khan, M A *Vet Rec* 92 (16): 411-419. Ref. Apr 21, 1973

066055 41.8 V6463
Drug ergotism in newly-calved cows with diseased udders. (Bul) Venev, S *Vet Sbirka* 69 (8): 35-36. 1972

066056 41.8 V6463
Chronic poisoning in cows due to organic-phosphorus insecticides. (Bul) Naidenov, N *Vet Sbirka* 69 (9): 44-45. 1972

066057 41.8 V6429
Preliminary study on estrogenic content of some plant constituents of pastures from province of Leon (Spain). [Alfalfa, clover, rats, infertility]. (Spa) Vijil Maeso, E *Veterinaria (madrid)* 37 (10): 525-533. Ref. Eng. Sum. Oct 1972

066058 41.8 V6426
Prevention of sheep poisoning in alpine regions. (Rus) Serov, V M *Veterinariia* 2: 101-102. Feb 1973

066059 41.8 V6426
On embryotoxic properties of dicresyl. [Sheep]. (Rus) Trifonova, G K *Veterinariia* 2: 102-104. Feb 1973

066060 41.8 V6426
Poisoning of livestock & poultry by common salt. (Rus) Georgiev, B G *Veterinariia* 2: 113-114. Feb 1973

066061 41.8 V6426
Differential diagnosis of sheep poisoned by poisonous plants due to anaerobic toxicoinfection. (Rus) Egoshin, I S *Veterinariia* 2: 99-101. Feb 1973

066062 41.8 V6426
Mycotoxicosis of swine & a therapeutic method. (Rus) Plauska, V *Veterinariia* 3: 102-103. Feb 1973

066063 41.8 V6426
Activity of acetylcholinesterase as affected by trillate. [Livestock, poisoning]. (Rus) Zhavoronkov, N I *Veterinariia* 3: 103-105. Feb 1973

066064 41.8 V6426
Effect of trichlorfon & dimethoate on activity of enzymes of brain. [Rabbits]. (Rus) Nikolaev, K A *Veterinariia* 3: 105-106. Feb 1973

066065 41.8 V6426
Cattle poisoning by nitrates & nitrites. [Field crops]. (Rus) Vereta, A E *Veterinariia* 4: 100-101. Apr 1973

066066 SF604.V75
Differential diagnosis of mycotoxicoses in farm animals. (Rus) Sarkisov, A Kh *Vses Akad S-kh Nauk Biull* 12: 57-61. 1972

066067 SF604.V75
Comparative clinical & anatomical features of aspergillotoxicosis in different species of farm animals & poultry. (Rus) Dzhilavian, Kh A *Vses Akad S-kh Nauk Biull* 12: 62-64. 1972

066068 SF604.V75
On toxicity of smut fungi to different species of farm animals & poultry. [Sphacelotheca panici-milicei]. (Rus) Sarkisov, A Ky *Vses Akad S-kh Nauk Biull* 12: 65-69. 1972

066069 SF604.V75
Histology in studies of toxicity to sheep & poultry of common bunt of wheat & covered smut of barley. [Ustilago]. (Rus) IAkusheva, O V *Vses Akad S-kh Nauk Biull* 12: 70-71. 1972

066070 SF604.V75
Toxic & biological examination of cereal crop overwintered in field. [Livestock, feeding]. (Rus) Dzhilavian, Kh A *Vses Akad S-kh Nauk Biull* 12: 75-77. 1972

066071 SF604.V75
Ergotism in swine. [Claviceps purpurea]. (Rus) Chernov, K S *Vses Akad S-kh Nauk Biull* 12: 78-80. 1972

066072 SF604.V75
Mycoflora of cereal crops in Selengin & central Aimaks, Mongolian Poople's Republic. [Livestock, poisoning]. (Rus) Sodnomdorzh, S *Vses Akad S-kh Nauk Biull* 12: 81-83. 1972

066073 SF604.V75
Mycoflora of fodder in some Aimaks of Mongolian People's Republic. [Livestock, poisoning]. (Rus) Sodnomdorzh, S *Vses Akad S-kh Nauk Biull* 12: 84-85. 1972

066074 41.8 T345
A case of rusterholz syndrome in a cow caused by a fracture of tuberculum flexorium of third phalanx. (Ger) Fessl, L *Wien Tierarztl Monatsschr* 60 (4): 133-135. Ref. Eng. Sum. Apr 1973

066075 41.9 B753
Anaphylactoid reactions in Intratione poisoning. [Rabbits]. (Pol) Poplawski, J *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 29: 137-157. Ref. Eng. Sum. 1972

066076 41.8 Z5
Effect of spironolactone on mercury content of various organs of rats given methyl mercury. Pekkanen, T J *Zentralbl Veterinarmed Reihe A* 20 (2): 140-144. Ref. Mar 1973

FORESTRY — GENERAL

066077 280.8 AG82
Problems of forest advisory service in change of time. [Austria]. (Ger) Griess, O *Agr Rundsch* 3: 15-18. June 1972

066078 22.5 AG862
Progress of forest research in Taiwan in 1972. (Chi) *Agric Assoc China J* (New Ser.) 80: 163-168. Dec 1972

066079 340.8 AM32
Forest meteorology in seventies. Reifsnyder, W E *Amer Meteorol Soc Bull* 54 (4): 326-330. Apr 1973

066080 99.9 R273
Development & actual state of professional education & research in forestry & wood-based economy in Latin America & ideas & proposals concerning their further development. (Ger) Barghoorn, A W *Bundesforschunganst Forst-Holzwirt Mitt* 90, 428 P. Aug 1972

066081 99.9 C1628P
Drought code component of Canadian forest fire behavior system. Turner, J A *Can Dep Forest Publ* 1316, 13 P. 1972

066082 99.8 EM72
Professor Eric Charles Mobbs, obituary. [Foresters]. Ball, J B *Commonwealth Forest Rev* 52 (1): 12-13. Mar 1973

066083 99.8 EM72
Does forestry need a new ethos? Earl, D E *Commonwealth Forest Rev* 52 (1): 82-89. Ref. Mar 1973

066084 TD172.E52
Effects of limestone dust accumulation on lateral growth of forest trees. Brandt, C J *Environ Pollut* 4 (3): 207-213. Ref. Apr 1973

066085 ASD388.A1U5
Selecting snowmobiles for Forest Service work. *Equip Dev Test Rep U S Dep Agric For Serv Equip Dev Cent (m Issoula)* 7120-4, 31 P. Nov 1972

066086 99.8 ER22
Investigations on snowbreak damages in coniferous plantations in Duna-Tisza Mid-Region. (Hun) *Erdo* 12 (3): 130-132. Eng. Sum. Mar 1973

066087 99.8 ER22
Forestry & protection of historical monuments. (Hun) Orsi, K *Erdo* 12 (3): 133-137. Mar 1973

066088 99.8 ER22
History of forest research in Hungary. (Hun) Keresztesi, B *Erdo* 21 (11): 497-510. Nov 1972

066089 SD1.E8
Injury to eastern white pine by sulfurdioxide & ozone alone & in mixtures. [Pinus strobus]. Costonis, A C *Eur J For Pathol* 3 (1): 50-55. Mar 1973

066090 281.9 F733E
Report ot he government of Thailand on watershed management. Bullard, W E *F A O Expanded Program Tech Assist FAo Rep* 3116, 81 P. 1972

066091 99.8 F71
Dynamics of development of tree stands in compartment 319 of Bialowieza National Park. (Pol) Wloczewski, T *Folia Forest Pol Ser A Lesnictwo* 20: 5-37. Ref. Eng. Sum. 1972

066092 99.8 R474
State of timber shortage in 17/18th Century in Germany. (Jap) Kageyama, H *Forest Econ* 25 (12): 1-13. Ref. Dec 1972

066093 99.8 F7698
Tropical forest odyssey Tom Gill's diary, 1925. Maunder, E R *Forest Hist* 16 (4): 13-17. Jan 1973

066094 99.8 F7632
Drought crack on western white pine in northern Idaho. [Pinus monticola]. Hungerford, R D *Forest Sci* 19 (1): 77-80. Mar 1973

066095 99.8 F7724
Forest fire of windfall trees. (Ger) Liebeneiner, E *Forst-holzwirt* 28 (6): 118-120. Mar 25, 1973

066096 99.8 F7723
On establishment of protective forests for air pollution control & noise abatement. (Ger) Knabe, W *Forstarchiv* 44 (2): 21-27. Map. Ref. Eng. Sum. Feb 1973

066097 99.9 G795R
Special contribution of forests & woodlands to recreation in an industrial society. Spencer, J A *Great Brit Forest Comm Res Br Pap* 92, 8 P. July 1972

066098 99.9 H68
An investigation on forests in Nepal. Nakasuga, T *Hokkaido Univ Coll Exp Forests Res Bull* 29 (2): 155-170. Ref. Dec 1972

066099 QH76.F6
Microscale photo interpretation of forest & nonforest land classes. Aldrich, R C *In Annual Earth Resources Program Review* 4Th Review, V. 5 (121), 24 P. Map. 1972

066100 SB112.V6
Forest shelterbelt culture & intensification of agricultural production of Volga region. (Rus) Senkevich, A A *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 414-418. 1972

066101 SB112.V6
Protective forest stands & their role in high & stable yields in Volga region. [Windbreaks]. (Rus) Melekhov, I S *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 349-352. 1972

066102 SB112.V6
Ways of increasing effectiveness of forest windbreaks. (Rus) Kalashnikov, A F *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 383-386. 1972

066103 SB112.V6
Protective forest shelterbelts on irrigated lands. (Rus) Stepanov, A M *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 353-356. 1972

066104 SD143.W36
Fire & smoke in Montana forests. Beaufait, W R *In Weddle, Richard M. Forest Land Use and the Environment* P. 1-23. Ref. 1972

066105 QC851.J6
Estimated & measured roughness parameters for a pine forest. [Pinus resinosa, canopy map]. Leonard, R E *J Appl Meteorol* 12 (2): 302-307. Map. Ref. Mar 1973

066106 99.8 L5622
On establishment of forest shelterbelt stands in Lake Baikal basin. (Rus) Bondarenko, V S *Les Khoz* 1: 77-80. Jan 1973

066107 99.8 L5622
Scientific & technical information in forestry. (Rus) Kanevskii, L G *Les Khoz* 1: 88-92. Jan 1973

066108 99.8 L5622
Correct evaluation of economic effectiveness of forest shelterbelts. [Field crops, yields]. (Rus) Petrov, N G *Les Khoz* 2: 76-78. Feb 1973

066109 99.8 L5622
Forestry in Chile. (Rus) Rinkon, R *Les Khoz* 2: 94-95. Feb 1973

066110 SD1.L4
(To 70th birthday anniversary). [Foresters]. (Rus) Molchanov, A A *Lesovedenie* 1: 89-90. Jan/Feb 1973

066111 SD1.L4
Influence of wild hoofed animals on forest regeneration in Voronezh Natural Reserve. [Forest damage]. (Rus) Sinitsyn, E M *Lesovedenie* 5: 42-47. Ref. Eng. Sum. 1972

066112 SD1.L4
Drying of Picea abies Karst. stands during droughts in European territory of USSR. (Rus) Maslov, A D *Lesovedenie* 6: 77-87. Map. Ref. Eng. Sum. 1972

066113 410.9 N21
Soignes, most beautiful beech grove in Europe? [Fagus sylvatica]. (Fre) Roche, E *Natur Belg* 54 (2): 57-86. Map. Ref. Feb 1973

066114 99.8 N28
Ability of forestry to meet demands for public forests. (Dut) Soest, J van *Ned Bosbouw Tijdschr* 44 (12): 305-306. Dec 1972

066115 501 N48
Effects of 1969-70 drought on two remnants of indigenous lowland forest in Manawatu District. [Mortality]. Atkinson, I A E *New Zeal Ecol Soc Proc* 19: 34-42. 1972

066116 501 N48
Practice of forestry within Auckland's operating water catchments. Barton, I L *New Zeal Ecol Soc Proc* 19: 46-56. Map. Ref. 1972

066117 279.8 OC3
Sub-montane forest reserves in Sadecki Beskid Mountains. (Pol) Staszkiewicz, J *Ochrona Przyrody* 37: 233-262. Ref. 1972

066118 279.8 OC3
Nature of reserve Muszkowicki Las Bukowy in voivodship of Wroclaw. I. Introduction. [Fagus forests]. (Pol) Sembrat, K *Ochrona Przyrody* 37: 57-58. Ref. Eng. Sum. 1972

066119 279.8 OC3
General characteristics of Muszkowicki Fagus Forest Reserve. (Pol) Wiktor, A *Ochrona Przyrody* 37: 58-65. Ref. Eng. Sum. 1972

066120 279.8 OC3
Basis & forms of scientific exploration of Bialowieza National Park. (Pol) Falinski, J B *Ochrona Przyrody* 37: 7-55. Map. Ref. Eng. Sum. 1972

066121 100 OR3OR
Clearing ahead. [Watershed management]. *Oreg Agr Progr* 19 (3): 12-13. Winter 1973

066122 100 OR3OR
Forecasts for forests. [Research]. *Oreg Agr Progr* 19 (3): 8-9. Winter 1973

066123 275.29 OR32C
How to recognize frost damage in forest trees & what to do about it. Hermann, R K *Oreg State Univ Corvallis Ext Serv Ext Circ* 820, 8 P. Mar 1973

066124 99.76 P112LA
Forest of Navajo. Richards, E S *Pacific Logging Congr Loggers Handbook* 32: 23-24, 154, 158, 161-163. Map. 1972

066125 99.76 P112LA
Forestry in environmental decade. Schindler, R A *Pacific Logging Congr Loggers Handbook* 32: 33-35, 131. 1972

066126 49 P952
Effect of udder diseases on production & quality of milk. [Cattle]. (Pol) Flis, I *Przegl Hodowlany* 41 (15/16): 19-20. Aug 1/31, 1972

066127 99.8 R329
National forest inventory: Hedges inventory survey. (Fre) Chevrou, R *Rev Forest Franc* 25 (1): 47-53. Jan/Feb 1973

066128 80 R32
Parkway tears up forest: A wound or a serious mutilation? (Fre) Chaumier, J M *Rev Hort* 2311: 63-65. Jan/Feb 1973

066129 99.8 R327
Fir trees in Roznov Forest District. (Rum) Marian, A *Rev Padurilor* 87 (4): 189-191. Apr 1972

066130 SF1.R54
Living windbreaks. (Ita) Fazio, F M *Rilancio Agric Vet Zootec* 4 (8/9): 24-26. 1972

066131 99.8 R473
Evaluation on effect of forest vegetation. (Jap) Oka, K *Ringyo Gijitsu* 372: 10-14. Mar 1973

066132 511 AK146
Beech forests of Meskheti. [Fagus orientalis]. (Geo) Mukbaniani, M V *Soobshch Akad Nauk Gruz SSr* 67 (3): 665-668. Eng. Sum. Sept 1972

066133 SK1.S6
Quantity & quality of Japanese honeysuckle on Arkansas Ozark food plots. [Lonicera japonica]. Segelquist, C A *Southeast Ass Game Fish Comm Proc* 25Th: 47-53. Ref. (Pub. June 1972)

066134 99.8 W143
25 Years Forestry School at Schwarzburg. [East Germany]. (Ger) Rumpler, W *Sozialistische Forstwirtsch* 22 (1): 28-29. Jan 1972

066135 99.8 W143
Development of relationship between forestry of German Democratic Republic & forestry of USSR. (Ger) Vonhof, H *Sozialistische Forstwirtsch* 22 (11): 321-323. Nov 1972

066136 99.8 SY52
Management of non-burnt heaps of hard coal mining. [Afforestation]. (Pol) Harabin, Z *Sylwan* 116 (10): 73-76. Oct 1972

066137 99.8 SY52
Sanitary status of forests in Upper Silesian industrial region. (Pol) Schnaider, Z *Sylwan* 116 (12): 1-8. Map. Ref. Eng. Sum. Dec 1972

066138 99.8 SY52
Damage caused in forests by an increase in industrial air pollution during years 1967-1971. (Pol) Kamieniecki, F *Sylwan* 116 (12): 9-22. Map. Eng. Sum. Dec 1972

066139 241.01 H36
A current bibliography of Finnish forestry literature. (Fin) *Tiedotus Helsingin Yliopiston Metsakirjasto* 1: 1-26. Ref. 1973

066140 241.01 H36
A current bibliography of Finnish forestry literature. (Fin) *Tiedotus Helsingin Yliopiston Metsakirjasto* 5: 129-161. Ref. 1972

066141 SD430.T52
Windthrow. [Forest trees]. *Timber Grow* 43: 32-37. Feb 1972

066142 SD430.T52
10 Years of forestry education & training at Newton Rigg. Steele, W *Timber Grow* 45: 24-25. Aug 1972

066143 SD430.T52
Forestry Training Council. *Timber Grow* 46: 31-35. Nov 1972

066144 1.962 C5T71
Small mammals can damage young hybrid poplar plantations. [Populus]. Bowersox, T W *Tree Planters' Notes* 24 (1): 10-11. Feb 1973

066145 A99.9 F7632US
A computer program for processing historic fire weather data for National Fire-Danger Rating System. Furman, R W *U S Forest Serv Res Note RM* 234, 12 P. 1973

066146 A99.9 F7632U
Predicting fire spread in Arizona's oak chaparral. [Quercus turbinella]. Lindenmuth, A W *U S Forest Serv Res Pap Rm* 101, 11 P. Feb 1973

066147 99.8 M69
Comparative microclimate measurements on two Subalpine sites. [Forests]. (Ger) Kronfuss, H *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 96: 159-176. Ref. 1972

066148 99.8 M69
Demands of nature protection in air pollution control. [Forests]. (Ger) Wentzel, K F *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97 (1): 117-128. Eng. Sum. 1972

066149 99.8 M69
Fume damage to forests by lead & steel industry in Fore-Alps region of Yugoslavia. (Ger) Kerin, D *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97 (1): 129-139. Ref. Eng. Sum. 1972

066150 99.8 M69
Explanation of a case of fume damage in Scots pine stands in Ruhr. [Pinus sylvestris]. (Ger) Bohne, H *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97 (1): 141-150. Eng. Sum. 1972

066151 99.8 M69
Proof of increase in pollution effects after construction of a thermal power station in a fume-damage area. [Forests, Austria]. (Ger) Donaubauer, E *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97 (1): 151-161. Ref. Eng. Sum. 1972

066152 99.8 M69
Effect of pollution from chemical industry on increment of Scots pine stands. [Pinus sylvestris]. (Ger) Greszta, J *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97 (1): 163-172. Eng. Sum. 1972

066153 99.8 M69
Increment studies in Scots pine stands in vicinity of a fertilizer factory. [Pinus sylvestris]. (Ger) Vins, B *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97 (1): 173-194. Eng. Sum. 1972

066154 99.8 M69
Report on study of diseased white pine in east Tennessee. [Air pollution, Pinus strobus]. Ellertsen, B W *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97 (1): 195-208. 1972

066155 99.8 M69
Effect of low sulphur dioxide concentrations on spruce. (Ger) Materna, J *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97 (1): 219-232. Eng. Sum. 1972

066156 99.8 M69
Influence of ozone on deciduous forest tree species. Wood, F A *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97 (1): 233-253. Ref. 1972

066157 99.8 M69
Monitoring emissions of municipal garbage incinerators by means of foliar analyses for chlorides. [Forests]. (Ger) Keller, T *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97 (1): 271-279. Eng. Sum. 1972

066158 99.8 M69
Detecting & evaluating air pollution damage to forest stands in United States by using large-scale color aerial photography. Wert, S L *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97 (1): 281-293. Map. 1972

066159 99.8 M69
Problem of recognizing & demarcating fume damage on aerial photos. [Forests]. (Ger) Kenneweg, H *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97 (1): 295-305. Eng. Sum. 1972

066160 99.8 M69
Pollution & its threat to forests in Ruhr. (Ger) Knabe, W *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97 (1): 53-87. Ref. Eng. Sum. 1972

066161 99.8 M69
Measures to maintain forests in regions of North Rhine/Westphalia suffering from pollution. (Ger) Rost, F *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97 (1): 99-106. Eng. Sum. 1972

066162 20 V82
Acidifying & leaching effect of forest trees & shrubs on Chernozem soils of Azov region. (Ukr) Keleberda, T M *Visnyk Sil's'kohospodar Nauk* 2: 84-87. Feb 1973

066163 20 V82
Effect of various wind penetration & openness of forest shelterbelts on soil moisture of adjacent fields. (Ukr) Radchuk, M F *Visnyk Sil's'kohospodar Nauk* 3: 69-72. 1973

066164 20 AK1
On method of calculating interaction of ground airflow & forest shelterbelt. (Rus) Tsipris, I B *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 2: 40-42. Feb 1973

066165 279.8 W752
Wisconsin's changing forests. Thorne, H W *Wis Conserv Bull* 38 (2): 15-16. Mar-/Apr 1973

066166 279.8 W752
Kettle Moraine State Forest, northern unit. Adams, W J *Wis Conserv Bull* 38 (2): 28-29. Mar/Apr 1973

066167 41.9 B753
Own serological studies on food products of animal origin in food hygiene & veterinary forensic medicine. (Pol) Gajos, E *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 21: 89-124. Ref. Eng. Sum. 1972

FORESTRY MANAGEMENT

066168 280.8 AG82
Promotion credits in forestry. [Austria]. (Ger) Tuchy, E *Agr Rundsch* 4: 11-14. Aug 1972

066169 280.8 AG82
Agriculture & forestry – tourism. (Ger) Nussbaumer, A *Agr Rundsch* 6: 16-19. Dec 1972

066170 100 AL1S (2)
Volume table for natural sweetgum in Alabama. [Liquidambar styraciflua]. Lyle, E S Agricultural Experiment Station *Ala Agr Exp Sta Circ* 204, 8 P. Map. Apr 1973

066171 99.8 AL53
Suggestions for a better periodical record of wood actually felled: Austrian periodical record of wood actually felled. III. (Ger) Gluck, P *Allg Forstzeitung* 83 (11): 285-288. Nov 1972

066172 99.8 AL53
Site survey in Austrian forest survey, a help for decision making in forest policy. (Ger) Jelem, H *Allg Forstzeitung* 83 (11): 295-298. Nov 1972

066173 99.8 AL53
Nature parks as modelling measure for forestry, recreation & tourism. [Austria]. (Ger) Niesslein, E *Allg Forstzeitung* 83 (12): 306-308. Map. Dec 1972

066174 99.8 AL53
Installations & performances in nature parks. (Ger) Hietel, F *Allg Forstzeitung* 83 (12): 308-311. Dec 1972

066175 99.8 AL53
Forest in adjacent recreational area of industrial agglomeration centers. (Ger) Schwarz, F *Allg Forstzeitung* 83 (12): 311-313. Map. Dec 1972

066176 99.8 AL53
Requirements in respect to forest as dominating recreational element in area of agglomeration. (Ger) Koblmuller, E *Allg Forstzeitung* 83 (12): 313-315. Map. Dec 1972

066177 99.8 AL53
Interrelation between forest management & nature park. (Ger) Mayr-Melnhof, F *Allg Forstzeitung* 83 (12): 315-316. Dec 1972

066178 99.8 AL53
Nature parks – meeting point of forestry & nature conservation. (Ger) Brieteneder, K *Allg Forstzeitung* 83 (12): 321-322. Dec 1972

066179 99.8 AL53
Data processing equipment in forest management. (Ger) Moser, V *Allg Forstzeitung* 83 (12): 322. Dec 1972

066180 99.8 AL53
State of Austrian forest legislation renewal. (Ger) Eckmullner, O *Allg Forstzeitung* 83 (12): 325-327. Dec 1972

066181 99.8 AL53
Fundamentals in establishing an accounting plan in forest industry. (Ger) Hudeczek, F *Allg Forstzeitung* 83 (5): 106-108. May 1972

066182 99.8 AL53
Accounting, balance & unit cost accounting with electronic data processing. [Forestry]. (Ger) Moser, W *Allg Forstzeitung* 83 (5): 109-114. May 1972

066183 99.8 AL53
Further development & integration of program for accounting systems in forestry. (Ger) Moser, W *Allg Forstzeitung* 83 (5): 119-121. May 1972

066184 99.8 AL53
Accounting as guide to information concerning management. [Forests]. (Ger) Nossek, E *Allg Forstzeitung* 83 (5): 121-122. May 1972

066185 99.9 AM33TE
Noise measurement & control. [Forest engineering]. Stuckey, H *Amer Pulpwood Ass Tech Pap* P. 19-24. Jan 1973

066186 99.9 AM33TE
Northeastern Loggers Workmen's Compensation Insurance Group in New York State. Rae, D *Amer Pulpwood Ass Tech Pap* P. 39. Jan 1973

066187 99.9 AM33TE
Potential of private woodlot. Archibald, P L *Amer Pulpwood Ass Tech Pap* P. 47-57. Jan 1973

066188 99.9 AM33TE
Employer-employee mystery. [Forest industry]. Elrod, J M *Amer Pulpwood Ass Tech Pap* P. 7-11. Jan 1973

066189 99.9 AM33TE
Cost center approach to land management. [Woodlands]. Gay, K N *Amer Pulpwood Ass Tech Pap* P. 83-85. Jan 1973

066190 99.9 AM33TE
Woodlands as a profit center. Cantrell, J O *Amer Pulpwood Ass Tech Pap* P. 87-92. Jan 1973

066191 100 AR42F
Management of a small southwest Arkansas woodlot for 24 years. Holt, H A *Ark Farm Res* 22 (2): 3. Mar/Apr 1973

066192 SD13.C35
Effect of index age on precision of site index. [Forests]. Heger, L *Can J Forest Res Rev Can Rech For* 3 (1): 1-6 Mar 1973

066193 SD13.C35
Integrated systems for estimation of tree taper & volume. Demaerschalk, J P *Can J Forest Res Rev Can Rech For* 3 (1): 90-94. Mar 1973

066194 99.8 EM72
Recreation & woodland owner. Rankin, K *Commonwealth Forest Rev* 52 (1): 22-23. Mar 1973

066195 281.9 F733E
Report to government of Nigeria on aspects of forest management. Mervart, J *F A O Expanded Program Tech Assist FAo Rep* 3124, 35 P. 1972

066196 99.9 F493
A method of combining photo & field samples in forest inventory. Poso, S *Finland Metsantutkimuslaitos Julkaisuja* 76 (1), 133 P. Ref. 1972 (Pub 1973)

066197 99.9 F493
Forest resources & ownership in Finland, 1964-70, & their development, 1920-70. (Fin) Kuusela, K *Finland Metsantutkimuslaitos Julkaisuja* 76 (5), 126 P. Map. Ref. Eng. Sum. 1972 (Pub 1973)

066198 99.8 F71
Retrospective analysis of growth & increment in trees of a 50 years old pine stand. (Pol) Lemke, J *Folia Forest Pol Ser A Lesnictwo* 19: 5-23. 1972

066199 99.8 F71
Changes in diameter structure of tree stands in compartment 319 of Bialowieza National Park. (Pol) Gunia, S *Folia Forest Pol Ser A Lesnictwo* 20: 67-92. Ref. Eng. Sum. 1972

066200 99.8 F713
Green density sampling in sawlog scaling. (Fin) Leinonen, E *Folia Forest* 145, 15 P. Ref. Eng. Sum. 1972

066201 99.8 F713
Concept of forest fertilization returns in Norway, Sweden & Finland. [Pinus]. (Fin) Keipi, K *Folia Forest* 152, 38 P., Map. Ref. Eng. Sum. 1972

066202 99.8 F713
Volume tables for saw timber stems based on breast height diameter & number of log per stem. (Fin) Heiskanen, V *Folia Forest* 162, 15 P. Eng. Sum. 1972

066203 99.8 F713
Variation in top form quotients of coniferous logs. [Pinus]. (Fin) Laasasenaho, J *Folia Forest* 164, 20 P., Map. Ref. Eng. Sum. 1972

066204 99.8 F713
Yearbook of forest statistics, 1971. (Fin) *Folia Forest* 165, 228 P. Map. Ref. 1972

066205 99.8 R474
On enterprise of national forests for recreational use. (Jap) Terui, Y *Forest Econ* 25 (12): 23-26. Dec 1972

066206 99.8 R474
An economical character of forestry management in Japan. (Jap) Nomura, I *Forest Econ* 26 (2): 1-12. Feb 1973

066207 99.8 R474
Transition of timber distribution facilities & their financial problems. (Jap) Nagaike, T *Forest Econ* 26 (2): 13-21. Feb 1973

066208 99.8 R474
Regional self-government & forestry policy. (Jap) Lida, S *Forest Econ* 26 (2): 26-29. Feb 1973

066209 99.8 R474
An approach of quantitative analysis on recreation space. [Forest land]. (Jap) Abe, T *Forest Econ* 26 (3): 25-29. Mar 1973

066210 99.8 R474
Summary report of forest economists in Tohoku. (Jap) Tanimura, T *Forest Econ* 26 (3): 9-24, 29. Mar 1973

066211 99.8 F7632
Chapman-Richards generalization of von Bertalanffy's growth model for basal area growth & yield in even-aged stands. [Picea abies, Pinus elliottii]. Pienaar, L V *Forest Sci* 19 (1): 2-22. Ref. Mar 1973

066212 99.8 F7632
Growth data for 29 years from California elevational transect study of ponderosa pine. [Pinus ponderosa]. Conkle, M T *Forest Sci* 19 (1): 31-39. Ref. Mar 1973

066213 99.8 F7632
A simple optical device for measuring vertical projection of tree crowns. Jackson, M T *Forest Sci* 19 (1): 60-62. Mar 1973

066214 99.8 F792
Why abolish forest concessions?: Point of view of forest industry. (Fre) Royer, M R *Foret Conserv* 39 (2): 8-9. Feb 1973

066215 99.8 F7724
Practical utilization of site mapping. [Forestry]. (Ger) Hocke, R *Forst-holzwirt* 27 (17): 370-372, 374-375. Sept 10, 1972

066216 99.8 F7724
Effect of forest management on landscape of RhineMain area in last 400 years. [West Germany]. (Ger) Streitz, H *Forst-holzwirt* 27 (17): 375-376, 378-380. Sept 10, 1972

066217 99.8 F7724
Standardized accounting a chance for forestry. (Ger) Matthies, F *Forst-holzwirt* 27 (23): 471-475. Dec 10, 1972

066218 99.8 F7724
Forestry & recreation in forest need efficient management. (Ger) Stolting, W *Forst-holzwirt* 27 (23): 475-478. Dec 10, 1972

066219 99.8 F7724
Correlation between politics & law in example of forest legislation. [West Germany]. (Ger) Klose, F *Forst-holzwirt* 27 (24): 489-494. Dec 25, 1972

066220 99.8 F7724
How beautiful is forest? – Mathematical & statistical aspects of opinion research. (Ger) Roeder, A *Forst-holzwirt* 28 (2): 26-28. Jan 25, 1973

066221 99.8 F7724
Differentiation problems for pragmatic decisions in forest protection. (Ger) Kremser, W *Forst-holzwirt* 28 (6): 105-108, 110. Ref. Mar 25, 1973

066222 99.8 F7724
Testing a function-system in forest management. (Ger) Germann, D *Forst-holzwirt* 28 (7): 129-130, 132-136. Ref. Apr 10, 1973

066223 99.8 F7723
Sampling procedures & their application to determine number of forest visitors. (Ger) Roeder, A *Forstarchiv* 44 (2): 30-33. Feb 1973

066224 99.8 F7794
Predetermined & actually obtained performance of equipment. [Forest mechanization]. (Ger) Loycke, H J *Forsttech Inform* 24 (11): 83-88. Ref. Nov 1972

066225 509 W96
Man & forest: land improvement aspects of forest management. (Ger) Kopf, E U *Ges Naturkd Wurttemb Jahresh* 127: 80-89. Ref. 1972

066226 99.9 G71
Red beech 1971. [Fagus sylvatica, management]. (Ger) Schober, R *Gottingen Univ Forstl Fak Schriftenreihe* 43/44, 445 P. 1972

066227 99.9 G795B
Timber measurement for standing sales using tariff tables. Hamilton, G J *Great Brit Forest Comm Booklet* 36, 31 P. 1973

066228 99.9 G795
Forest of Dean day visitor survey; an analysis of demand for day visitor facilities. Colenutt, R J *Great Brit Forest Comm Bull* 46, 52 P. 1973

066229 99.9 H68
Studies on subgrade soil of forest road. (Jap) Minato, K *Hokkaido Univ Coll Exp Forests Res Bull* 29 (2): 121-153. Ref. Eng. Sum. Dec 1972

066230 99.82 H742
Utilization of timber reserves of forests in economy & future development of replacement. [East Germany]. (Ger) Jacob, W *Holzindustrie* 25 (5): 141-143. May 1972

066231 99.8 H743
Growing timber outside forest in reallocation of land. (Ger) Lillotte, F J *Holzzucht* 26 (1/2): 1-4. Aug 1972

066232 99.8 H743
Forest planning & its synchronization with landscape forming regulations in reallocation of land. (Ger) Wegener, H J *Holzzucht* 26 (1/2): 7-8. Aug 1972

066233 SB112.V6
Management of forest strips in Volga region. (Rus) Pavlovskii, E S *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 357-361. 1972

066234 99.8 IN2
Inter-sectoral linkages of forest development. Singh, G N *Indian Forest* 99 (4): 185-192. Apr 1973

066235 99.8 N62
Studies on productivity & its estimation methodology in a young stand of Cryptomeria japonica D. Don. (Jap) Saito, H *Jap Forest Soc J* 55 (2): 52-62. Ref. Eng. Sum. Feb 1973

066236 99.8 N62
On relative stem curve of sugi. [Cryptomeria japonica]. (Jap) Kajihara, M *Jap Forest Soc J* 55 (2): 63-70. Ref. Eng. Sum. Feb 1973

066237 99.8 L564
Joint efforts of Scandinavian countries towards a better utilisation of residues in forest production. (Cze) Lenic, J *Les (Ljubljana)* 24 (7): 152-153. 1972

066238 99.8 L5622
Economic aspects of forestry of northern Kazakhstan. (Rus) Serova, L F *Les Khoz* 1: 11-14. Jan 1973

066239 99.8 L5622
Analyzing economic indices. [Forestry]. (Rus) IUrkevich, M S *Les Khoz* 1: 14-16. Jan 1973

066240 99.8 L5622
Increasing production. [Forestry]. (Rus) Areshchenko, V D *Les Khoz* 1: 17-19. Jan 1973

066241 99.8 L5622
Third, decisive year of Five-Year-Plan. [Forestry]. (Rus) Vorob'ev, G I *Les Khoz* 1: 2-6. Jan 1973

066242 99.8 L5622
Some problems in planning intermediate forest utilization. (Rus) Volkov, V D *Les Khoz* 1: 44-48. Jan 1973

066243 99.8 L5622
Contribution of forest managers of Kazakhstan. (Rus) Cherepanov, M A *Les Khoz* 1: 48-50. Jan 1973

066244 99.8 L5622
Forest management in Transcausasia. (Rus) Tsereteli, I S *Les Khoz* 1: 50-51. Jan 1973

066245 99.8 L5622
Fundamentals of organizing & conducting forestry operations in Lake Baikal basin. (Rus) Zhukov, A B *Les Khoz* 1: 68-77. Map. Jan 1973

066246 99.8 L5622
How should forest enterprises be organized? (Rus) Kiselev, G M *Les Khoz* 1: 7-11. Jan 1973

066247 99.8 L5622
Efficient utilization of forest resources. (Rus) Magomedov, O *Les Khoz* 1: 92-94. Jan 1973

066248 99.8 L5622
Production capital for forestry. (Rus) Voronin, I V *Les Khoz* 2: 13-19. Feb 1973

066249 99.8 L5622
Functions of forest management. (Rus) IAnushko, A D *Les Khoz* 2: 19-22. Feb 1973

066250 99.8 L5622
Change in current growth increment in spruce forests with varying degrees of thinning. (Rus) Kozhevnikov, A M *Les Khoz* 2: 34-38. Feb 1973

066251 99.8 L5622
Economic basis for forest utilization in group I forests. (Rus) Shakhov, G N *Les Khoz* 2: 5-9. Feb 1973

066252 99.8 L5622
Electronic computer in foreign forestry. (Rus) Dolgopolov, V G *Les Khoz* 2: 89-94. Feb 1973

066253 99.8 L5622
Economic effectiveness of all-purpose forest equipment. (Rus) Fedoseev, I A *Les Khoz* 2: 9-12. Feb 1973

066254 99.82 L56
Zoning of forestry operations & basis for allocating forest & forest processing industries. (Rus) Kochmanov, V D *Les Prom* 11: 14-15. Nov 1972

066255 99.9 C334
Forest working plans, forest economics, & management of forest operations. (Cze) Stros, A *Lesnictvi* 18 (12): 1107-1126. Map. Ref. Eng. Sum. Dec 1972

066256 SD1.L4
An approach to problem of tree classification. [Forest mensuration]. (Rus) Zhelev, I *Lesovedenie* 5: 82-85. Ref. Eng. Sum. 1972

066257 SD1.L4
Growth of Pinus sylvestris 1. plantations in Issyk-Kul region. (Rus) Gan, P A *Lesovedenie* 6: 21-30. Eng. Sum. 1972

066258 SD1.L4
Spatial parameters calculation for crowns of growing trees. (Rus) Lebedinskii, V V *Lesovedenie* 6: 69-76. Ref. Eng. Sum. 1972

066259 S11.O78
Safety problems in forestry. (Swe) Sjoblom, L *Medlemsbl Ostergotlands Lans Hushallningssallsk* 5 (4): 38-39. 1972

066260 S11.O78
Public grant for motor roads through forests. (Swe) Borg, S *Medlemsbl Ostergotlands Lans Hushallningssallsk* 5 (4): 40-41. 1972

066261 99.8 M573
Activities and projection of the Forest National Inventory in Mexico. (Spa) Veruette Fuentes, J *Mex Bosques* 12 (1): 41-46. Jan/Feb 1973

066262 275.29 N811
Economics of growing Fraser fir christmas trees. [Abies fraseri]. Allgood, J G *N C Univ Ext Ext Circ* 555, 10 P. Ref. Mar 1973

066263 275.29 N45C
New Hampshire forest market report report, 1973. Engalichev, N *N H Univ Ext Ext Circ* 11, 65 P. Map. Apr 1973

066264 99.81 N812
Pros & cons of land use taxation. [Forest land]. Foulds, R T *N Logger Timber Processer* 21 (11): 22-23, 26-27. May 1973

066265 99.81 N812
Cruise sawtimber without diameter measurements. Wiant, H V *N Logger Timber Processer* 21 (11): 24-25. May 1973

066266 99.81 N812
Challenging times for foresters. [Resources management]. Glascock, H R *N Logger Timber Processer* 21 (9): 20,32-33 Mar 1973

066267 99.8 C162
Thoughts on Westland Rimu forests. [Management]. Hutchinson, F E *New Zeal J Forest* 17 (2): 249-255. Ref. 1972

066268 279.8 OC3
Natural changes in structure of woodstands of Pieniny National Park in period of 32 years (1936 – 1968). [Forest inventory]. (Pol) Dziewolski, J *Ochrona Przyrody* 37: 263-283. Ref. Eng. Sum. 1972

066269 99.76 P112LA
Increasing investments in Finnish forestry. Heikinheimo, L *Pacific Logging Congr Loggers Handbook* 32: 16, 169-171. Ref. 1972

066270 99.76 P112LA
Everybody wants to get into act. [Forests, land prices]. Martin, J W *Pacific Logging Congr Loggers Handbook* 32: 25-26, 64, 66, 68. Map. 1972

066271 325.28 P56
Beetle-killed pine estimates. [Dendroctonus ponderosae, Pinus contorta, aerial photos]. Klein, W H *Photogramm Eng* 39 (4): 385-388. Apr 1973

066272 450 R18
Bark thickness & its part of trunk volume of trees in uneven-aged Picea stands in Perm Region. (Rus) Syrenkov, S A *Rastitel Resursy* 9 (1): 107-112. Ref. 1973

066273 SD1.O72
Log scale & lump sum timber selling on federal lands in western Oregon. Beuter, J H *Res Pap For Res Lab Oreg State Univ* 12, 16 P. Sept 1972

066274 99.8 R3293
New parameters to be considered in structural analysis of tropical virgin forests. (Spa) Finol Urdaneta, H *Rev Forest Venezolana* 14 (21): 29-42. Jan/Dec 1971 (Pub. 1972)

066275 99.8 R473
International agreement on timber production & forest products by Economic Commission for Asia & Far East. (Jap) Koutari, K *Ringyo Gijitsu* 372: 26-28. Mar 1973

066276 99.9 B83
New directions for development & management of forests subject to forestry regulation. (Fre) Lambert, J *Soc Roy Forest Belg Bull* 79 (1): 37-47. Jan 1972

066277 99.9 B83
Growth of American red oak in Courriere-Mignault forest. [Quercus]. (Fre) Boudru, M *Soc Roy Forest Belg Bull* 80 (2): 49-57. Eng. Sum. Feb 1973

066278 99.9 B83
Considerations on growth & future value of oak in area of Saint-Remy-Rochefort. [Quercus]. (Fre) Grollinger, Y *Soc Roy Forest Belg Bull* 80 (2): 58-68. Feb 1973

066279 99.8 W143
Use of air photos for supervision of forest conditions. (Ger) Schroder, E *Sozialistische Forstwirtsch* 22 (1): 14-15, 18. Jan 1972

066280 99.8 W143
Some actual problems of introduction & further development of industrial production methods in forestry at XIth Farmers' Congress. [East Germany]. (Ger) Schroeder, G *Sozialistische Forstwirtsch* 22 (11): 324-327. Nov 1972

066281 99.8 W143
New measure of planning & economical regulations in forestry for years 1973 to 1975. (Ger) Rathay, S *Sozialistische Forstwirtsch* 22 (11): 332-333. Nov 1972

066282 99.8 W143
How effective are central economic regulations in state forest enterprises up to 1973? [East $germany]. (Ger) Schroeder, G *Sozialistische Forstwirtsch* 22 (12): 361-365. Eng. Sum. Dec 1972

066283 99.8 W143
Group of workers' plan & housekeeping book – means for including forest workers in leading & planning of production in state forest enterprises. (Ger) Ziesing, H *Sozialistische Forstwirtsch* 22 (12): 368-369. Dec 1972

066284 99.8 W143
10 Years continuous forest inventory on a large area in GDR. [German Democratic Republic]. (Ger) Grossmann, H *Sozialistische Forstwirtsch* 22 (3): 74-76. Ref. Mar 1972

066285 99.8 W143
Intensifying forest production & problems of forest protection. (Ger) Richter, D *Sozialistische Forstwirtsch* 22 (3): 83-85. Mar 1972

066286 99.8 W143
Forest works & decree on protection of archaeological soil treasures in GDR. [German Democratic Republic]. (Ger) Becker, U *Sozialistische Forstwirtsch* 22 (3): 91-93. Mar 1972

066287 99.8 W143
A method for quantitative analysis of young Pinus stands. (Ger) Kunert, G *Sozialistische Forstwirtsch* 22 (4): 107-109. Apr 1972

066288 99.8 W143
Legal bases for use of newly reclaimed lands by forestry. [East Germany]. (Ger) Werner, K *Sozialistische Forstwirtsch* 22 (4): 121-124. Apr 1972

066289 99.8 W143
10 Years of permanent working-groups for forestry within council for Mutual Economic Assistance 10 years of successful co-operation in sphere of forestry. (Ger) Heidrich, H *Sozialistische Forstwirtsch* 22 (6): 161-164. Map. June 1972

066290 99.8 W143
Intensification & utilization of forest supply by concentration & specialization of work processes. (Ger) Schroeder, G *Sozialistische Forstwirtsch* 22 (7): 200-202. July 1972

066291 99.8 W143
Socialist intensification of forest productionand reproduction processes & central tasks for raw lumber production to 1975. (Ger) Gruneberg, H *Sozialistische Forstwirtsch* 22 (9): 266-269. Sept 1972

066292 99.8 SY52
Significance of Rogow economic experiment. [Forestry, accounting]. (Pol) Marszalek, T *Sylwan* 116 (12): 39-48. Eng. Sum. Dec 1972

066293 99.8 SY52
Studies on accurracy of determination of basal area of a stand based on partial sample areas. (Pol) Rosa, W *Sylwan* 116 (12): 63-72. Eng. Sum. Dec 1972

066294 99.8 SY52
A basic variant of forest road investments. (Pol) Klocek, A *Sylwan* 116 (12): 73-82. Eng. Sum. Dec 1972

066295 99.8 SY52
Volume increment according to bio-social classes in older pine stands. [Pinus]. (Pol) Zajachkowski, J *Sylwan* 117 (1): 1-10. Eng. Sum. Jan 1973

066296 99.8 SY52
Determination of age at whitch spruce attains height of 1.3 m on various elevatich spruce attains height. (Pol) Szymanski, S *Sylwan* 117 (1): 11-24. Eng. Sum. Jan 1973

066297 QH431.A1T4
Persistence of variances for stochastic, discrete-time, population growth models. [Forests]. Namkoong, G *Theor Popul Biol* 3 (4): 507-518. Ref. Dec 1972

066298 SD430.T52
A group management scheme for private forestry estates. Lawson, A A *Timber Grow* 43: 18-22. Feb 1972

066299 SD430.T52
Private forestry & public amenity in Peak District National Park. Benson, J L *Timber Grow* 44: 15-19. May 1972

066300 SD430.T52
Recreation & woodland owner. Parker-Jervis, R *Timber Grow* 46: 21-26. Nov 1972

066301 SD430.T52
Notes on International Poplar Commission Bucharest, September, 1971 [Populus]. Miller, W A *Timber Grow* 46: 27-30. Nov 1972

066302 1.962 C5T71
Tree inventory program saves time. Space, J E *Tree Planters' Notes* 24 (1): 8-9. Feb 1973

066303 1 AG84AH
Forest-range environmental production anlytical system (FREPAS). [Range management, computer programming]. Kaiser, H F *U S D A Agr Handb* 430, 211 P. Dec 1972

066304 1 AG84AH
National forest landscape management. Volume 1. *U S D A Agr Handb* 434, 77 P. Ref. Feb 1973

066305 A99.9 F7625U
Freezing decayed wood to facilitate ring counts & width measurements. Herman, F R *U S Forest Serv Res Note PNw* 187, 4 P. Sept 1972

066306 A99.9 F7632US
An instrument for measuring tree crown width. Shepperd, W D *U S Forest Serv Res Note RM* 229, 3 P. 1973

066307 A99.9 F7632US
A cost analysis of clearing a ponderosa pine watershed. Miller, R L *U S Forest Serv Res Note RM* 231, 7 P. 1973

066308 A99.9 F7623UN
Response of slash pine to drainage & rainfall. [Pinus elliottii eliottii, growth]. Young, C E *U S Forest Serv Res Note Se* 186, 8 P. Map. Ref. Mar 1973

066309 A99.9 F7622UN
A probability approach to sawtimber tree-value projections. McCay, R E *U S Forest Serv Res Pap NE* 254, 9 P. 1973

066310 A99.9 F7622UN
Course of growth response in released white spruce – 10-year results. [Picea glauca, measurement]. Frank, R M Northeastern Forest Experiment Station *U S Forest Serv Res Pap NE* 258, 6 P. 1973

066311 A99.9 F7625UNI
Photo plot bias. Pope, R B *U S Forest Serv Res Pap Pnw* 145, 8 P. Ref. 1972

066312 A99.9 F7652P
An analytical procedure to assist decision-making in a government research organization. [Forestry]. Claxton, H D *U S Forest Serv Res Pap PSw* 80, 20 P. 1972

066313 A99.9 F7632U
Forest stocking equations: their development & application. Ffolliott, P F *U S Forest Serv Res Pap Rm* 102, 8 P. Mar 1973

066314 20 AK16
Forest zining in Dzhungarian Alatau. (Rus) Voskresenskii, IU B *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 74-80. Feb 1973

066315 99.8 M69
Experiments with conifer seeds on Subalpine sites. (Ger) Stern, R *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 96: 51-59. 1972

066316 100 W52 (1)
Height growth prediction for black locust on surface-mined areas in W&st Virginia. [Robinia pseudoacacia]. Brown, J H *W Va Agr Exp Sta Bull* 617, 11 P. Feb 1973

SILVICULTURE

066317 99.8 AU76
Simulation of rate of spread of an aerial prescribed burn. [Forests]. King, N K *Australian Forest Res* 6 (1): 1-10. 1972

066318 450 B652
Inheritance of graft compatibility in Douglas-fir. [Pseudotsuga menziesii]. Copes, D L *Bot Gaz* 134 (1): 49-52. Ref. Mar 1973

066319 99.9 B771
Interracial crosses with douglas fir: early field results. [Pseudotsuga menziesii]. Orr-Ewing, A L *Brit Columbia Forest Serv Res Notes* 55, 33 P. Map. Ref. 1972

066320 99.8 EM72
International provenance research on Central American pines. Kemp, R H *Commonwealth Forest Rev* 52 (1): 55-66. Ref. Eng. Sum. Mar 1973

066321 99.8 EM72
Evolution of Styroblock reforestation concept in British Columbia. Arnott, J T *Commonwealth Forest Rev* 52 (1): 72-78. Ref. Mar 1973

066322 99.8 EM72
Forestry development by a bauxite mining company. Snaith, W A *Commonwealth Forest Rev* 52 (1): 79-81. Mar 1973

066323 41.8 C81
Experimental zinc deficiency in weanling pigs on high & low calcium diets. Norrdin, R W *Cornell Vet* 63 (2): 264-290. Ref. Apr 1973

066324 QH540.E3
Tree increment as related to topoclimate in Boguchar River basin. (Rus) Fil'chenko, V V *Ekologiia* 3: 83-84. 1972

066325 413.9 F66F
Clearcut! [Ocala National forest]. Finison, B F *Fla Natur* 46 (2): 26-27. Apr 1973

066326 99.8 F713
Success of artificial regeneration of Scots pine in northern Finland & origin of seed. [Pinus sylvestris]. (Fin) Etholen, K *Folia Forest* 160, 27 P. Map. Ref. Eng. Sum. 1972

066327 99.8 F713
Resutls of spruce cultivation from 1930 – 45 on state-owned lands in Pera-Pohjola. [Picea abies, Pinus, Betula]. (Fin) Pohtila, E *Folia Forest* 456, 12 P. Amp. Ref. Eng. Sum. 1972

066328 99.8 F7632
Patterns of soil mositure depletion in a mixed oak stand. Brown, J H *Forest Sci* 19 (1): 23-30. Ref. Mar 1973

066329 99.8 F7632
Incompatibility Parry. [Reproductive failure]. Kossuth, S V *Forest Sci* 19 (1): 50-60. Ref. Mar 1973

066330 99.8 F7724
Report of results on silvicultural operations for furthering natural regeneration of Fagus by beech nuts during 1970 in eight forest districts of southern Lower Saxony. (Ger) Huss, J *Forst-holzwirt* 27 (17): 365-370. Sept 10, 1972

066331 99.8 F7724
Silviculture under pressure of landspace protection & mechanization of foresty. (Ger) Schmidt-Vogt, H *Forst-holzwirt* 27 (23): 469-471. Dec 10, 1972

066332 99.8 F7724
No quality decline in silvicultural performance. (Ger) Kremser, W *Forst-holzwirt* 28 (2): 21-26. Ref. Jan 25, 1973

066333 99.9 G71
Red beech 1971. [Fagus sylvatica, management]. (Ger) Schober, R *Gottingen Univ Forstl Fak Schriftenreihe* 43/44, 445 P. 1972

066334 99.8 H743
Site, establishment & maintenance in Populus culture. (Ger) Dietze, F W *Holzzucht* 26 (1/2): 8-11. Ref. Aug 1972

066335 99.8 H743
Site demand & variety selection of poplars from sections Aigeiros, Leuce, & Tacamahaca. (Ger) Grosscurth, W *Holzzucht* 26 (3/4): 21-30. Dec 1972

066336 99.8 H743
Poplar collections of Research Institute for Poplar Industry in Hann. Munden. (Ger) Hoffmann, A E *Holzzucht* 26 (3/4): 30-32. Dec 1972

066337 99.8 IN2
Rotation in Eucalyptus hybrid plantations. Chaturvedi, A N *Indian Forest* 99 (4): 205-214. Apr 1973

066338 99.8 IN2
A note on variation in wood density in some 36-year-old teak trees from differen seed origins. Purkayastha, S K *Indian Forest* 99 (4): 215-217. Apr 1973

066339 56.8 J822
Renovating old deciduous windbreaks with conifers. Van Haverbeke, D F *J Soil Water Conserv* 28 (2): 65-68. Ref. Mar-/Apr 1973

066340 99.8 L5622
Role of improvement cutting in formation of young stands. (Rus) Timofeev, V P *Les Khoz* 1: 20-25. Jan 1973

066341 99.8 L5622
Regeneration of growing stock after selection cutting of varying intensity. (Rus) Stoliarov, D P *Les Khoz* 1: 26-30. Jan 1973

066342 99.8 L5622
Shelterwood cutting in tapped pine forests. (Rus) Nabatov, N M *Les Khoz* 1: 31-33. Jan 1973

066343 99.8 L5622
Differentiating harvest cutting in Larix forests of Soviet Far East. (Rus) Gukov, G V *Les Khoz* 1: 34-35. Jan 1973

066344 99.8 L5622
Rapid decision for urgent problems of seed culture. [Forestry, breeding]. (Rus) Klimov, V *Les Khoz* 1: 36-39. Jan 1973

066345 99.8 L5622
Thinning stands of Pinus in continuous seeded plots. (Rus) Voronchikhin, L I *Les Khoz* 1: 39-40. Jan 1973

066346 99.8 L5622
Innovations in culture of Betula verrucosa carelica. (Rus) Saks, K A *Les Khoz* 1: 40-41. Jan 1973

066347 99.8 L5622
Greenhouse culture of seedlings of Betula verrucosa carelica. (Rus) Smirnov, A D *Les Khoz* 1: 42-43. Jan 1973

066348 99.8 L5622
Calculations for terraces. [Silviculture]. (Rus) Veligosha, V S *Les Khoz* 1: 55-57. Jan 1973

066349 99.8 L5622
Complex mechanization on improvement cutting areas in young stands. (Rus) Doroshenko, A F *Les Khoz* 1: 57-59. Jan 1973

066350 99.8 L5622
Genetic & breeding evaluation of plus stands of Pinus. (Rus) Orlenko, E G *Les Khoz* 2: 39-41. Feb 1973

066351 99.8 L5622
Using indolylacetic acid in forming low-stem seed plots of Pinus. (Rus) Kliachko, A IU *Les Khoz* 2: 45-46. Feb 1973

066352 99.8 L5622
Druzhba motor-driven saw used in obtaining Larix seeds. (Rus) Gukov, G V *Les Khoz* 2: 47-50. Feb 1973

066353 99.8 L5622
Increasing effectiveness of forest regeneration in Quercus forests of North Caucasus. (Rus) Alent'ev, P N *Les Khoz* 2: 64-69. Feb 1973

066354 99.8 L5622
Economic effectiveness of obtaining seeds & means of improvement. [Forest trees, regeneration]. (Rus) Prokhvatilov, IU F *Les Khoz* 2: 69-73. Feb 1973

066355 99.8 L5622
Seed stratification of Pinus koraiensis. (Rus) Popov, A T *Les Khoz* 2: 86-87. Feb 1973

066356 99.8 L5622
Harvesting Picea cones in forest reserves & individual plus-type trees. (Rus) Os'minina, R F *Les Khoz* 2: 87-88. Feb 1973

066357 99.9 C334
On Problem of cultivation & regression of fir. [Abies]. (Cze) Malek, J *Lesnictvi* 18 (12): 1159-1162. Dec 1972

066358 99.9 C334
Forest farming on former large estate Hostim. (Cze) Malek, J *Lesnictvi* 18 (12): 1162-1164. Dec 1972

066359 SD1.L4
Improvement of regional distribution of pine, larch & oak seeds in Ukraine. [Acclimatization]. (Rus) Gurskii, V V *Lesovedenie* 1: 14-23. Ref. Eng. Sum. Jan/Feb 1973

066360 SD1.L4
Seed production of Pinus sibirica Rupr. in middle taiga in Komi A.S.S.R. (Rus) Nepomilueva, N I *Lesovedenie* 1: 3-13. Ref. Eng. Sum. Jan/Feb 1973

066361 SD1.L4
Ratio of sexes in natural populations of Hippopae rhamnoides. [Fruit collection]. (Rus) Volkovich, V B *Lesovedenie* 1: 46-50. Ref. Eng. Sum. Jan/Feb 1973

066362 SD1.L4
Cellulose decomposition in forest litter of sedge (Carex pilosa) birch stands of different age. (Rus) Mirzoev, O G *Lesovedenie* 1: 86-88. Eng. Sum. Jan/Feb 1973

066363 SD1.L4
Equation of dynamics of a various-aged forest. (Rus) Ludanov, V V *Lesovedenie* 5: 85-89. Eng. Sum. 1972

066364 SD1.L4
Prospects for use of heterosis in forest trees. (Rus) Kartel', N A *Lesovedenie* 6: 31-36. Ref. Eng. Sum. 1972

066365 SD1.L4
Hybrid populations of Quercus robur & Quercus petraea in Ukraine. (Rus) Belous, V I *Lesovedenie* 6: 37-46. Map. Ref. Eng. Sum. 1972

066366 99.8 M573
'brief analysis on silviculture & management of coniferous woods in Mexico'. II. (Spa) Javier Musalem L, F *Mex Bosques* 12 (1): 49-52. Ref. Jan/Feb 1973

066367 S544.3.O5O5
Need to burn debris? Burn within law. Craighead, M R *Okla State Univ Coop Ext Serv OSu Ext Facts* 5019, 2 P. Mar 1973

066368 1.9 P69P
Pressure apparatus for injecting chemicals into trees. Filer, T H *Plant Dis Rep* 57 (4): 338-341. Apr 1973

066369 SD1.O72
Lifting & storing western conifer seedlings. Hermann, R K *Res Pap For Res Lab Oreg State Univ* 17, 8 P. Nov 1972

066370 99.8 R3293
Studies on vegetative propagation of Venequelan forest species. (Spa) Quijada R, M *Rev Forest Venezolana* 14 (21): 43-56. Jan-Dec 1971 (Pub. 1972)

066371 99.8 R473
Physiology of forest trees. 3. Vegetative propagation. (Jap) Hatano, K *Ringyo Gijitsu* 372: 22-23. Ref. Mar 1973

066372 99.9 SCH95
Poplar plantations in fourth Aarau forest district. [Populus]. (Fre) Ruedi, K *Schweiz Pappel-arbeitsgemeinsch Mitt* 21: 1-9. May 1972

066373 99.9 SCH95
Poplar planted at large spacings above spruce. [Populus, Picea]. (Fre) Gunzl, L *Schweiz Pappel-arbeitsgemeinsch Mitt* 21: 9-13. May 1972

066374 99.8 W143
Chemical treatment of young Pinus stands, a contribution to socialist rationalization. (Ger) Steiner, J *Sozialistische Forstwirtsch* 22 (11): 334-335, 338. Nov 1972

066375 99.8 W143
Management of stands determined for seed production – an important requirement for intensifying of reproduction to forest stock. (Ger) Scholz, E *Sozialistische Forstwirtsch* 22 (12): 372-374. Eng. Sum. Dec 1972

066376 99.8 W143
To position, responsibility, & mode of action of our forest seed drying houses within forest reproduction process. (Ger) Schubert, J *Sozialistische Forstwirtsch* 22 (12): 375-3789 eng. Sum. Dec 1972

066377 99.8 W143
Robinia pseudacacia – a suitable veneering wood. (Ger) Achterberg, W *Sozialistische Forstwirtsch* 22 (3): 90-91. Mar 1972

066378 99.8 W143
Formation & care of young woods & young stands, a decisive focus point in intensification of forest regeneration. (Ger) Micke, G *Sozialistische Forstwirtsch* 22 (4): 104-106. Apr 1972

066379 99.8 SY52
Group cutting system in experiment forest of Main agricultural University near Rogow. (Pol) Szymkiewicz, B *Sylwan* 116 (12): 23-37. Eng. Sum. Dec 1972

066380 99.8 SY52
Growth & development of trees on a slag dump. (Pol) Harabin, Z *Sylwan* 117 (1): 63-69. Eng. Sum. Jan 1973

066381 99.8 SY52
Problem of broadcast seeding in nurseries. (Pol) Kloskowska, A *Sylwan* 117 (1): 71-79. Jan 1973

066382 99.9 B633
Determination of sowing depth for Pinus brutia Ten. (Tur) Gezer, A *Tek Bul Ser Ormancilik Arastirma Enst Yayin* 51, 9 P. Eng. Sum. 1972

066383 99.9 T31C
Twentieth progress report of Cooperative Forest Tree Improvement Program. *Tex Forest Serv Circ College Station* 213, 25 P. Ref. Dec 1972

066384 SD430.T52
Poplar growing at close spacing. [Populus]. Stern, R C *Timber Grow* 44: 20-24. May 1972

066385 SD430.T52
Precision planting – an economy in management with aim of producing a final hardwood crop. [tsuga heterophylla, Nothofagus procera]. Cruwys, G E *Timber Grow* 45: 20-24. Aug 1972

066386 1.962 C5T71
Chemical spot disseminator: a new aid in reforestation. Chaudhry, M A *Tree Planters' Notes* 24 (1): 12-15. Feb 1973

066387 1.962 C5T71
Root pruning in nursery. [Pseudotsuga menziesii, Picea sitchensis, Tsuga heterophylla]. Eis, S *Tree Planters' Notes* 24 (1): 20-22. Feb 1973

066388 1.962 C5T71
Conical container improves seedling growth on dry sites. [Silviculture]. Endean, F *Tree Planters' Notes* 24 (1): 26-29. Feb 1973

066389 1.962 C5T71
Graded nursery stock in shelterbelt type planting evaluated over 29-year span. [Silviculture]. George, E J *Tree Planters' Notes* 24 (1): 30-32. Feb 1973

066390 1.962 C5T71
Post-planting cultivation aids old field white spruce plantations. [Picea glauca]. Mullin, R E *Tree Planters' Notes* 24 (1): 6-7. Feb 1973

066391 A99.9 F7622U
Timber-harvest clearcutting & nutrients in northeastern United States. Reinhart, K G *U S Forest Serv Res Note NE* 170, 5 P. 1973

066392 A99.9 F7632US
Judging ripeness of seeds in Black Hills ponderosa pine cones. Van Deusen, J L *U S Forest Serv Res Note RM* 235, 4 P., Map. 1973

066393 99.8 V81
Clearcutting in hardwoods. Roach, B A *Va Forests* 27 (4): 7-11, 16. Winter 1972/73

066394 20 AK16
On agrotechnics of growing Pinus seedlings in northern Kazakhstan. I. (Rus) Mosin, V I *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 68-74. Feb 1973

066395 41.8 V641
Polyarteritis in dog: a case report. Kelly, D F *Vet Rec* 92 (14): 363-366. Ref. Apr 7, 1973

066396 99.8 M69
Formation of small mobile stations for surveying sites from point of view of forest ecology for reforestation at high altitudes. (Ger) Cernusca, G *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 96: 137-157. 1972

066397 99.8 M69
Results in afforestation at high altitudes at Haggen. (Ger) Hensler, W *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 96: 209-219. Map. 1972

066398 99.8 M69
Significance of securing provenance of seeds for afforestati on at high altitudes. (Ger) Nather, J *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 96: 23-38. Ref. 1972

066399 99.8 M69
New ways to supply seeds for high altitude afforestation through seed orchards. (Ger) Holzer, K *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 96: 39-49. Ref. 1972

066400 99.8 M69
Principles for reforestation of inner Alpine sunny slopes. (Ger) Schiechtl, H M *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 96: 5-22. Ref. 1972

066401 99.8 M69
Supplying seedlings of Picea abes for high altitudes through propagation by cuttings. (Ger) Holzer, K *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 96: 61-73. Ref. 1972

066402 99.8 M69
Effect of antitranspirants & of preparations for preserving root freshness on gas exchange in young firs, Swiss pines, & larches & significance of these preparations for afforestat (Ger) Traquillini, W *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 96: 75-102. Ref. 1972

066403 20 V82
On regeneration of Alnus glutinosa in Ukrainian Polesye region. (Ukr) Poliakov, IE H *Visnyk Sil's'kohospodar Nauk* 2: 80-84. Ref. Feb 1973

066404 20 AK1
Hydrological system of sands of lower Dnieper River in relation to their reforestation. (Rus) Vinogradov, V N *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 2: 37-40. Feb 1973

066405 100 W52 (1)
Effects of improvement cuttings & thinnings on development of cove & mixed oak stands. [Quercus]. Carvell, K L *W Va Agr Exp Sta Bull* 616T, 20 P. Feb 1973

FOREST INDUSTRIES

066406 385 AC82
Gas chromatographic analysis of products of lignin oxidation. VII. An improved procedure to analyze lignin by means of methylation & oxidation. (Ger) Erickson, M *Acta Chem Scand* 27 (1): 127-140. Ref. 1973

066407 280.8 AG82
Forest industry as a partner of paper industry. (Ger) Wurz, R *Agr Rundsch* 6: 7-8. Dec 1972

066408 99.9 AM33TE
Inland Container Corporation large scale logging operations. [Tennessee]. Parker, J A *Amer Pulpwood Ass Tech Pap* P. 13-18. Jan 1973

066409 99.9 AM33TE
In motion weighing. [Timbers]. Godfrey, C *Amer Pulpwood Ass Tech Pap* P. 25-29. Jan 1973

066410 99.9 AM33TE
Forest harvesting course at Washington County Vocational Technical Institute. [Maine]. Skedgell, R *Amer Pulpwood Ass Tech Pap* P. 41-43. Jan 1973

066411 99.9 AM33TE
Stabilizing gravel roads with liquid calcium chloride. [Forest roads]. Pickett, J *Amer Pulpwood Ass Tech Pap* P. 45-46. Jan 1973

066412 99.9 AM33TE
Chip quality, bark tolerance & fiber yield. Auchter, R J *Amer Pulpwood Ass Tech Pap* P. 59-70. Jan 1973

066413 99.9 AM33TE
Changing wood supply – identifying problem. Jones, E E *Amer Pulpwood Ass Tech Pap* P. 71-74. Jan 1973

066414 99.9 AM33TE
Changing nature of available wood. Wall, E C *Amer Pulpwood Ass Tech Pap* P. 75-82. Jan 1973

066415 99.9 AM33TE
Computer aided road location. [Forests]. Hogan, J D *Amer Pulpwood Ass Tech Pap* P. 93-111. Jan 1973

066416 QH431.A1A52
Genetical study of blood groups in two avian populations. II. Quantitative effects associated to antigenic factors: M II strain. [Chickens]. (Fre) Perramon, A *Ann Genet Sel Anim* 4 (4): 543-544. Ref. Eng. Sum. 1972

066417 99.81 AU7
Production & drying of wide flitches for scantling. [Timber processing]. Marshall, P E *Aust For Ind J* 38 (12): 27, 29, 31. Jan 1973

066418 99.81 AU7
Utilisation of sawmill residue. Liversidge, R M *Aust For Ind J* 38 (12): 42-45, 47. Jan 1973

066419 99.81 AU7
Random length pulpwood handling in South Australia. Bills, D *Aust For Ind J* 38 (12): 48-49, 51. Jan 1973

066420 300.9 B77R
Thoughts on marketing preserved wood. Carmo, A M *Brit Wood Preserv Ass Rec Annu Conv* P. 23-29. 1972

066421 QD321.C4
Theoretical substantiation of combining production of bisulphite & acid sulphite pulp. (Rus) Boiarskaia, R K *Cellul Chem Technol* 6 (1): 609-615. Eng. Sum. Nov/-Dec 1972

066422 QD321.C4
Some aspects of hydrothermal behaviour of wood of Populus tremula L. (Ger) Melcer, I *Cellul Chem Technol* 6 (1): 681-694. Nov/Dec 1972

066423 99.8 EM72
Forestry in Britain; pattern of industry: Plans for intergration & efficiency-1972. Rankin, K *Commonwealth Forest Rev* 52 (1): 31-54. Mar 1973

066424 99.82 D812
Elastic constants of poplar wood – Populus marilandica. (Slo) Pozgaj, A *Drevarsky Vyskum* 17 (3): 165-173. Ref. Eng. Sum. 1972

066425 99.82 D81
On some technicoeconomic problems of timber impregnation. (Cze) Koukal, M *Drevo* 28 (1): 17-19. Eng. Sum. Jan 1973

066426 99.82 D81
50 Anniversary of Wood Industry School at Zvolen. (Cze) Cani, M *Drevo* 28 (1): 4-6. Eng. Sum. Jan 1973

066427 99.82 D81
Development of plywood production from viewpoint of raw-material resources. (Cze) Janova, I *Drevo* 28 (1): 6-7. Eng. Sum. Jan 1973

066428 99.82 D81
Some new trends in development of furniture industry of Slovakia. (Cze) Makovicky, I *Drevo* 28 (2): 35-37. Eng. Sum. Feb 1973

066429 99.82 D81
Dust separators in wood industry. (Cze) Hejma, J *Drevo* 28 (2): 37-39. Eng. Sum. Feb 1973

066430 99.82 D81
Rationalization of charging a press. [Forest industries]. (Cze) Haninec, I *Drevo* 28 (2): 41-43. Eng. Sum. Feb 1973

066431 99.82 D81
Drying & hardening of finishes with infrared rays. [Furniture]. (Cze) Muzikar, Z *Drevo* 28 (2): 44-45. Eng. Sum. Feb 1973

066432 99.82 D81
Surface treatment of wood products with finishes & determination of its quality. (Cze) Audova, M *Drevo* 28 (2): 45-48. Eng. Sum. Feb 1973

066433 99.82 D81
Findings on application of polyurethane laquers in manufacture of musical instruments. [Forest products]. (Cze) Hartmanova, D *Drevo* 28 (2): 48-49. Eng. Sum. Feb 1973

066434 99.8 ER22
Economic conditions of substitution for conferous timber. [Wood consumption]. (Hun) Halasz, A *Erdo* 12 (3): 107-112. Eng. Sum. Mar 1973

066435 99.8 ER22
Some words about market. [Wood]. (Hun) Kassai, J *Erdo* 12 (3): 121-126. Eng. Sum. Mar 1973

066436 99.82 F14
Modern surface treatment of particle boards. (Hun) Bakay, I *Faipar* 23 (1): 10-14. Jan 1973

066437 99.82 F14
Surface quality of treated particle boards & its effect on their utilization. (Hun) Friedl, V *Faipar* 23 (1): 14-16. Jan 1973

066438 99.82 F14
Bases of stress properties in sandwich boards. II. [Wood]. (Hun) Kovacs, Z *Faipar* 23 (1): 16-18. Jan 1973

066439 99.82 F14
Modern particle board manufacturing from Hungarian raw material. (Hun) Cziraki, J *Faipar* 23 (1): 4-9. Jan 1973

066440 99.8 F713
Wood consumption, total drain & forest balance in Finland in 1970 – 72. (Fin) Huttunen, T *Folia Forest* 166, 48 P. Map. Eng. Sum. 1972

066441 99.8 R474
An analysis of factors on price fluctuation in paper & pulp industry. (Jap) Miyabe, K *Forest Econ* 25 (12): 14-22. Dec 1972

066442 99.8 R474
Timber distribution & marketing facilities in Owase. (Jap) Kasahara, R *Forest Econ* 26 (3): 1-8. Mar 1973

066443 99.8 F7632
An econometric analysis of Wisconsin aspen pulpwood market. [Populus tremuloides, Populus grandidentata]. Leuschner, W A *Forest Sci* 19 (1): 41-46. Mar 1973

066444 99.8 F7632
Structural analysis of Japanese-North American trade in forest products. McKillop, W *Forest Sci* 19 (1): 63-74. Mar 1973

066445 99.8 F7724
Suggestions for marketing of windfall wood. (Ger) Kohler, V *Forst-holzwirt* 27 (24): 494-499. Dec 25, 1972

066446 99.8 F7794
Logging with remote-controlled tractor-windlass. (Ger) Dostal, D *Forsttech Inform* 24 (8): 60-62. Aug 1972

066447 99.9 F73FE
Symposium on forest operations in mountainous regions; technical report. [Logging]. *FAO/ECE/LOG U N Econ Comm Europ Food Agric Organ U N Int Labour Organ* 248, 84 P. Aug 18, 1972

066448 99.9 AS12S
Defects & thier causes in production processes of plywood made from Japanese hardwood. (Jap) *Hokkaido Forest Prod Res Inst J* 1: 8-11. Jan 1973

066449 99.9 AS12S
Strength properties of small clear specimens of plantationgrown larch woods. [Larix]. (Jap) Takahashi, M *Hokkaido Forest Prod Res Inst J* 12: 1-6. Eng. Sum. Dec 1972

066450 99.9 AS12S
Studies on manufacturing of wood based cement boards. 5. Effects of curing periods & inorganic salts added on board properties. (Jap) Takahashi, T *Hokkaido Forest Prod Res Inst J* 12: 7-12. Eng. Sum. Dec 1972

066451 99.9 AS12S
Physical & mechanical properties of particleboards from six tropical harwoods of New Guinea. (Jap) Okubo, I *Hokkaido Forest Prod Res Inst J* 2: 1-4. Eng. Sum. Feb 1973

066452 99.9 AS12S
Preparation of compost from sawdust & chipper-dust. (Jap) Takahashi, H *Hokkaido Forest Prod Res Inst J* 2: 5-8. Eng. Sum. Feb 1973

066453 99.9 AS12S
On experimental production of plywood from larch, grown in Shintoku, Hokkaido, [Larix]. (Jap) *Hokkaido Forest Prod Res Inst J* 3: 1-6. Eng. Sum. Mar 1973

066454 99.9 AS12S
Studies on manufacturing of wood based cement boards. 6. Effect of composed ratio of wood-cement & added ratio of salt (calcium chloride) on incombustibility & mechanical properties of board. (Jap) Takahashi, T *Hokkaido Forest Prod Res Inst J* 3: 12-17. Eng. Sum. Mar 1973

066455 99.9 H68
Experimental studies on joints with glued plywood gussets. (Jap) Fujii, T *Hokkaido Univ Coll Exp Forests Res Bull* 29 (2): 223-297. Ref. Eng. Sum. Dec 1972

066456 99.9 H68
Stiffness & strength of wooden rigid frames with tapered members. 3. Two-hinged gable frames. (Jap) Miyajima, H *Hokkaido Univ Coll Exp Forests Res Bull* 29 (2): 299-326. Eng. Sum. Dec 1972

066457 99.9 H68
Studies on mechanical properties of reaction woods. 1. elastic constants of Todomatsu (Abies sp.). (Jap) Ueda, K *Hokkaido Univ Coll Exp Forests Res Bull* 29 (2): 327-334. Eng. Sum. Dec 1972

066458 99.9 H68
Studies on elastic constants of wooden sheet materials. 2. elastic constants of two-species plywood. [Tilia, Quercus mongolica, Shorea]. (Jap) Watanuki, Y *Hokkaido Univ Coll Exp Forests Res Bull* 29 (2): 335-359. Eng. Sum. Dec 1972

066459 99.9 H68
Clarification of NSC waste liquor by active carbon. [Wood pulp, sulfite]. (Jap) Hanzawa, M *Hokkaido Univ Coll Exp Forests Res Bull* 29 (2): 361-371. Ref. Eng. Sum. Dec 1972

066460 99.81 H74
Preliminary investiations on fire resistance of plywood. (Ger) Deppe, H J *Holz Roh Werkst* 30 (12): 464-468. Ref. Eng. Sum. Dec 1972

066461 99.81 H74
Prof. Alfred J. Stamm 75 years old. [Wood technology]. (Ger) Kollmann, F *Holz Roh Werkst* 30 (12): 489-492. Dec 1972

066462 99.81 H74
Electronic controlling in wood working industry. 3. Measuring Devices & controlling for an automatic stacker. (Ger) Mundler, H U *Holz Roh Werkst* 31 (4): 157-160. Eng. Sum. Apr 1973

066463 99.81 H74
Investigations on stiffness of bandsaw blades. (Ger) Pahlitzsch, G *Holz Roh Werkst* 34 (4): 161-167. Eng. Sum. Apr 1973

066464 99.81 H742
Technical progress in coating of woodwork materials. (Ger) Deppe, H J *Holzzentralbl* 99 (45): 13-18, 23-24, 26, 28, 31-32. Ref. Apr 13, 1973

066465 99.81 H742
Saw blades for wood processing. (Ger) Jansen-Herfeld, R *Holz-zentralbl* 99 (45): 54, 56-57. Apr 13, 1973

066466 99.81 H742
Wood drying controlled by electronic data processing equipment. (Ger) Richter, F *Holz-zentralbl* 99 (45): 92-93. Apr 13, 1973

066467 99.9 OS72
Swelling & shrinkage of wood under mechanical restraint, influence of various factors on Tectona grandis. Narayanamurti, D *Holzforsch Holzverwertung* 24 (4): 83-93. 1972

066468 99.82 H742
Application of wood chips technology in industry. (Ger) Schuster, H *Holzindustrie* 25 (5): 138-141. May 1972

066469 99.82 H742
World wide production, marketing & utilization of fiberand particle boards. [Statitics]. (Ger) Schuster, E *Holzindustrie* 25 (5): 147-150. May 1972

066470 99.82 H742
Fire resistance of wood. (Ger) Umbrecht, H *Holzindustrie* 53 (4): 174-176. Apr 1973

066471 99.8 H744
Methods of maceAting wood & their evaluation. (Ger) Kommert, R *Holztechnologie* 14 (1): 26-28. Ref. Eng. Sum. 1973

066472 99.8 H744
Rheology of steel-& glass-fibre reinforced beams. (Ger) Kalina, M *Holztechnologie* 14 (1): 29-33. Eng. Sum. 1973

066473 99.8 H744
Investigation of frictional behaviour of chemically plasticized birchwood modified by fillers. (Ger) Ajnbinder, S B *Holztechnologie* 14 (1): 38-42. Eng. Sum. 1973

066474 99.8 H744
Principles of complex wood utilization at production of sawn wood. (Ger) Pesockij, A N *Holztechnologie* 14 (1): 4-7. Eng. Sum. 1973

066475 99.8 H744
Control of pressing operation at manufacture of particle boards. (Ger) Denisov, O B *Holztechnologie* 14 (1): 43-46. Eng. Sum. 1973

066476 99.8 H744
On problem of examining electrical conductivity of wood. (Ger) Chanmamedov, K M *Holztechnologie* 14 (1): 47-50. Eng. Sum. 1973

066477 99.8 H744
Determination of economical usefulness of substitution processes. [Wood]. (Ger) Zoller, V *Holztechnologie* 14 (1): 50-52. Eng. Sum. 1973

066478 99.8 H744
Management of wood stock supply in lumber industry. (Ger) Bravyi, M J *Holztechnologie* 14 (1): 52-56. Eng. Sum. 1973

066479 99.8 H744
Defects in wood & their influence on mechanical properties of wood. (Ger) Kucera, B *Holztechnologie* 14 (1): 8-17. Map. Ref. Eng. Sum. 1973

066480 100 IL64
Prevent warping & cracking of wood. Walters, C S *Ill Res* 15 (2): 10-11. Spring 1973

066481 99.8 IN2
A note on time-motion study in saw milling. Rawat, B S *Indian Forest* 99 (4): 218-234. Apr 1973

066482 302.8 IN23
Effect of sulfamic acid on degradation of pulp by hypochlorite. Singh, M M *Indian Pulp Pap* 27 (1/2): 29, 31-32. July/Aug 1972

066483 302.8 IN23
A reflection on board making in cylinder mould machines. Sengupta, G *Indian Pulp Pap* 27 (1/2): 33, 35-38. July/Aug 1972

066484 307.8 J82
Composition of neutral oils from rosin. Joye, N M *J Amer Oil Chem Soc* 50 (4): 104-107. Ref. Apr 1973

066485 300.9 T48J
A note on effect of thickness & grain direction on dielectric breakdown strength of mango wood. Kumar, S *J Timber Dev Assoc India* 18 (4): 1-4. Oct 1972

066486 300.9 T48J
'Use of timber in water cooling towers in India' its scope, limitation & protection. Chandra, A *J Timber Dev Assoc India* 18 (4): 10-18. Ref. Oct 1972

066487 300.9 T48J
Further studies on natural resistance of Indian timbers to marine borer attack at Bombay. Santhakumaran, L N *J Timber Dev Assoc India* 18 (4): 25-31. Ref. Oct 1972

066488 300.9 T48J
Fence-posts preservation by sap-displacement method. Gupta, R B *J Timber Dev Assoc India* 18 (4): 5-9. Oct 1972

066489 99.9 J2793
Viscoelasticity & structure of wood. III. Temperature dependence of stress relaxation in water-saturated condition. (Jap) Moriizumi, S *Jap Wood Res Soc J* 19 (3): 109-115. Eng. Sum. 1973

066490 99.9 J2793
A fundamental study on mechanical handling of wood particles. I. behavior of pressure transmitted by plunger to wood particle layer charged in cylindrical vessel. Mataki, Y *Jap Wood Res Soc J* 19 (3): 117-123. 1973

066491 99.9 J2793
Degradation of lignin with metallic sodium in liquid ammonia. IV. Examinations on some model compounds. 1. Yamaguchi, A *Jap Wood Res Soc J* 19 (3): 141-147. 1973

066492 99.9 J2793
Improvement of wood with isocyanate compound. (Jap) Yamaguchi, H *Jap Wood Res Soc J* 19 (3): 149-152. Eng. Sum. 1973

066493 99.9 K993
Ring-opening-polymerization of lactide in wood cell wall. [Fagus, Betula]. (Jap) Matsumoto, M *Kyoto Univ Bull Kyoto Univ Forests* 44: 206-213. Eng. Sum. Dec 1972

066494 511 R442
Deformative characteristics of radiation chemistry modifying birch wood depending on amount of polymer content. (Rus) Steiners, K *Latv Psr Zinat Akad Vestis Izv* 11: 35-41. 1972

066495 99.8 L5622
Forestry requirements for mechanized logging. (Rus) Pobedinskii, A V *Les Khoz* 2: 23-27. Feb 1973

066496 99.8 L5622
Small-diameter timber & its supply. (Rus) Pavlenko, F A *Les Khoz* 2: 73-76. Feb 1973

066497 99.82 L56
Unloading timber from open cars with grabs. (Rus) Litvak, N D *Les Prom* 11: 8. Nov 1972

066498 99.8 IZ8
Means of increasing productivity of tractor-skidders. (Rus) Zolotogorov, V G *Les Zh* 6: 165-167. 1972

066499 99.9 C334
Dimensions of long timber, an important factor in forest transport. (Cze) Rocek, I *Lesnictvi* 18 (12): 1141-1158. Map. Ref. Eng. Sum. Dec 1972

066500 QD471.A1M3
Lignin. XVI. Synthesis, nuclear magnetic resonance, & mass spectroscopy of several monomeric & dimeric lignin-like sulfonates. Glasser, W G *Macromolecules* 6 (1): 114-128. Ref. Jan/Feb 1973

066501 TA401.M32
Laboratory screening trials for new prophylactic chemicals against sapstain & decay in sawn timber. Butcher, J A *Mater Org* 8 (1): 51-709 ref. 1973

066502 TA401.M32
Retention of liquids in wood. Juan, J T *Mater Org* 8 (1): 71-82. 1973

066503 TA401.M32
Water storage of Scots pine sapwood in conditions of high & low oxygen concentration. [Pinus sylvestris]. Banks, W B *Mater Org* 8 1): 39-49. Ref. 1973

066504 41.8 M463
Level of mercury residues in horse kidneys as an indicator of mercury contamination of environment. Preliminary report. (Pol) Juszkiewicz, T *Med Wet* 29 (2): 87-88. Eng. Sum. Feb 1973

066505 99.8 M573
Forest industires in superaction of insufficient economic development. (Spa) Westoby, J C *Mex Bosques* 12 (1): 3-38. Jan/Feb 1973

066506 99.81 N812
Harvesting logging residue from a selectively cut northern hardwood stand. Steinhilb, H M *N Logger Timber Processer* 21 (11): 12-14, 34, 36-37. Ref. May 1973

066507 99.81 N812
Rotary screening to remove bark & foliage in field. Sturos, J A *N Logger Timber Processer* 21 (11): 16-17, 38. May 1973

066508 99.82 N81
Perspectives in pulp & paper industry. (Nor) Rasmussens, B B *Norsk Skogindus* 27 (3): 55. 1973

066509 99.82 N81
Place of wood pulp in package of future. (Nor) Rabstad, L *Norsk Skogindus* 27 (3): 60-63. 1972

066510 513 OB3
Studies on Kraft pulps from Japanese larch (Larix leptolepis Gordon). 4. Individual fiber strength of pulp. (Jap) Okuyama, H *Obihiro Zootech Univ Res Bull* (Ser. 1) 7 (4): 650-660. Ref. Eng. Sum. Jan 1973

066511 55.8 OE8
Water as a medium of transportation in forestry. (Ger) Hafner, F *Oesterr Wasserwirtsch* 24 (9010): 170-173. Sept/Oct 1972

066512 S544.3.O5O5
Treating posts & lumber with pentachlorophenol. Clymer, C L *Okla State Univ Coop Ext Serv OSu Ext Facts* 5018, 3 P. Mar 1973

066513 99.9 OS5M
Corrosion of metals in contact with pressure treated wood. [Pine]. (Nor) Ormstad, E *Oslo Norsk Tretek Inst Medd* 47, 42 P. Ref. Eng. Sum. Jan 1973

066514 99.76 P112LA
Protection problems & suggested solutions on 'long haul' logging systems. Tucker, L A *Pacific Logging Congr Loggers Handbook* 32: 11-12. 1972

066515 99.76 P112LA
Log truck weighing systems. Winans, C N *Pacific Logging Congr Loggers Handbook* 32: 27-29, 68, 70. 1972

066516 99.76 P112LA
Gradual evolution & development of ocean log rafting. Fastabend, J A *Pacific Logging Congr Loggers Handbook* 32: 30-32, 98. 1972

066517 302.8 P1991
Hydrocracking of lignin tar & lignin model compounds. Hastbacka, K *Pap Puu* 55 (3): 129-131, 133-134. Ref. Mar 30, 1973

066518 302.8 P1991
Behavior of Noble fir wood (Aibes procera Rehd.) during room-temperature chlorite delignification. Lapinoja, V V M *Pap Puu* 55 (3): 99-100, 103-106, 109-112. Ref. Mar 30, 1973

066519 464.8 P56
Germination of basidiospores of Fomes applanatus. [heartrot, wood decay]. Borwn, T S *Phytopathology* 63 (5): 547-550. Ref. May 1973

066520 TP156.P6P6
Rheological properties of emulsion viscoses. 1. Influence of alkali concentration, reaction time & order of addition of reactants. [Wood pulp]. Mansour, O Y *Polymer* 14 (1): 27-33. Ref. Jan 1973

066521 TP156.P6P6
Rheological properties of emulsion viscoses. 2. Influence of cellulose origin, carbon disulphide ratio & temperature. [Wood pulp, cotton]. Mansour, O Y *Polymer* 14 (1): 34-37. Jan 1973

066522 309.9 J96
Tannins in cork bark. (Por) Soares, J *Port Junta Nac Cortica Bol* 34 (410): 228-229. Dec 1972

066523 309.9 J96
Utilization of cork powder in preparation of flexible, rigid & expanded agglomerations. III. Expanded agglomerates in autoclave. (Por) Lissia, F *Port Junta Nac Cortica Bol* 34 (410): 230-232. Dec 1972

066524 309.9 J96
Resin base compound agglomerates of latex type. (Por) Bicho, M F *Port Junta Nac Cortica Bol* 34 (411): 9. Jan 1973

066525 99.9 P88
Moisture & volume changes of air dried wood. (Cze) Bozdech, J *Pr VULHM (vyzk Ustav Lesn Hospod Myslivosti)* 42: 171-182. Eng. Sum. 1972

066526 99.82 P95
Good tool – half of efficient work. [Saws, wood industries]. (Pol) Poskrobko, W *Przem Drzewny* 23 (1): 3-5. Jan 1972

066527 302.8 P96
Logging in Soviet Union. McNally, J A *Pulp Pap Mag Can* 74 (4): 41, 45-47. Apr 1973

066528 302.8 P96
Effect of rot on kraft pulp yield & quality – a review. Procter, A R *Pulp Pap Mag Can* 74 (4): 62-68. Ref. Apr 1973

066529 302.8 P96
Reduction & oxidation reactions in kraft liquor recovery: sources, effects & preventions. Imueller, W A *Pulp Pap Mag Can* 74 (4): 69-76. Ref. Apr 1973

066530 302.8 P96
A study of fibre dimensional changes on drying. [Wood, pulping]. Thorpe, J *Pulp Pap Mag Can* 74 (4): 82-88. Ref. Apr 1973

066531 99.8 R473
Direct selling of timber at producing area. (Jap) Mori, H *Ringyo Gijitsu* 372: 32-33. Mar 1973

066532 104 SW3
Common birch [Betula] & eucalyptus as raw products for lumber industry. I. (Swe) Stockman, L *SkogsLantbruksakad Tidskr* 11 (1/2): 24-30. 1972

066533 104 SW3
Common birhh [Betula] & eucalyptus as raw products for lumber industry. II. (Swe) Hulteberg, A *SkogsLantbruksakad Tidskr* 111 (1/2): 31-42. 1972

066534 TP375.S6
Determination of specific resistance, specific surface & specific volume of cellulose pulp. (Spa) Bielov, E *Sobre Deriv Cana Azucar* 6: 3-16. Eng. Sum. 1972

066535 99.8 W143
A model of an optimal plan concerning pulp wood supply on conditions of direct transport. (Ger) Lebelt, W *Sozialistische Forstwirtsch* 22 (3): 69-73. Mar 1972

066536 99.8 W143
Operation of spraying equipment for application of stimulants in turpentining. (Ger) Stephan, G *Sozialistische Forstwirtsch* 22 (7): 206-207. July 1972

066537 99.8 W143
Industry like manufacturing methods in preparation of raw timber – a decisive contribution to socialist intensification & rationalization of forest production. (Ger) Hausdorfer, H D *Sozialistische Forstwirtsch* 22 (9): 272-274. Sept 1972

066538 99.8 SY52
Effects & possibilities of improvement in present system of wood raw-material division. (Pol) Andrzejczyk, A *Sylwan* 116 (12): 87-94. Dec 1972

066539 99.8 SY52
Evaluation of knots in black alder (Alnus glutinosa L. Gartner) on basis of dimensions of bark scars. (Pol) Kubiak, M *Sylwan* 117 (1): 33-39. Ref. Eng. Sum. Jan 1973

066540 99.8 SY52
About charcoal for steel mills & forges. (Pol) Paschalis, P *Sylwan* 117 (1): 41-46. Ref. Eng. Sum. Jan 1973

066541 99.8 SY52
Exploitation tests of forest skidding cable crane type VL-4. (Pol) Wachacki, B *Sylwan* 117 (1): 53-62. Ref. Eng. Sum. Jan 1973

066542 65.9 F76R
Studies on preparation of phenolic resin bagasse particle board. (Chi) Hsieh, W C *Taiwan Sugar Exp Sta Rep* 57: 95-107. Eng. Sum. Sept 1972

066543 SD430.T52
Notes on world market prices: a summary of 1971 statistics for imported timber. Reade, M G *Timber Grow* 44: 33-38. May 1972

066544 SD430.T52
Future uses of timber & effect of forest management practices on wood quality. Brazier, J D *Timber Grow* 45: 13-18. Aug 1972

066545 26 T756
Oleoresin quality analysis: fact or fancy. Stahl, W H *Trop Sci* 14 (4): 335-345. Ref. 1972

066546 A99.9 F7625U
Dry veneer volume losses in production of red & white fir plywood. [Abies magnifica, Abies concolor]. Woodfin, R O *U S Forest Serv Res Note PNw* 191, 12 P. Nov 1972

066547 A99.9 F7634U
FPL Forest Products Laboratory facility for evaluating strength-performance of walls exposed to fire. Boller, K H *U S Forest Serv Res Pap FPl* 119, 5 P. 1973

066548 A99.9 F7634U
Tensile strength of lumber laminated from 1/8-inch-thick veneers. Moody, R C *U S Forest Serv Res Pap FPl* 181M 28 P. Ref. 1972

066549 A99.9 F7634U
Important instructural properties of four western softwoods: white pine, sugar pine, western redcedar, & Port-Orford-cedar. [Pinus monticola, Pinus lambertiana, Thuja plicata, Chamaecyparis lawsoniana]. Bendtsen, B A *U S Forest Serv Res Pap FPl* 191, 17 P. 1972

066550 A99.9 F7634U
Effect of deformed shanks, prebored lead holes, & grain orientation on elastic bearing constant for laterally laoded nail joints. Wilkinson, T L *U S Forest Serv Res Pap FPl* 192, 13 P. 1972

066551 A99.9 F7634U
Fiber bonding & tensile stress-strain properties of earlywood & latewood handsheets. Smith, W E *U S Forest Serv Res Pap FPl* 193, 9 P. 1972

066552 A99.9 F7634U
Correlation of ASTM[American Society for Testing & Materials] exposure tests for evaluating durability of fire-retardant treatment of wood. Holmes, C A *U S Forest Serv Res Pap FPl* 194, 11 P. 1973

066553 A99.9 F7634U
Effective dry methods of separating thermoplastic films from wastepapers. Laundrie, J F *U S Forest Serv Res Pap FPl* 200, 11 P. 1973

066554 aSD11.A34
Compression debarking of wood chips. Arola, R A *U S Forest Serv Res Pap NC* 85, 11 P. 1973

066555 A99.9 F7622UN
Green lumber grade yields for subfactory class hardwood logs. Hanks, L F *U S Forest Serv Res Pap NE* 256, 8 P. 1973

066556 A99.9 F7622UN
Explaining forest product selling behavior of private woodland owners. Larsen, D N Northeastern Forest Experiment Station *U S Forest Serv Res Pap NE* 257, 4 P. 1973

066557 A99.9 F7622UF
Timber industries of New Jersey & Delaware. Bones, J T *U S Forest Serv Resour Bull NE* 28, 17 P. 1973

066558 A99.9 F7628UR
Alabama forest industries. Bertelson, D F *U S Forest Serv Resource Bull So* 36, 29 P. Map. 1972

066559 99.9 V8142
Mibant test criteria for pallet nails. Stern, E G *Va Polytech Inst Res Div Wood Res Wood Constr Lab (bull)* 115, 26 P. Dec 1972

066560 99.9 V8142
Nailing frozen pallet lumber. Stern, E G *Va Polytech Inst Res Div Wood Res Wood Constr Lab (bull)* 116, 7 P. Jan 1973

066561 99.9 V8142
Helically threaded nails with four & five thread flutes. Stern, E G *Va Polytech Inst Res Div Wood Res Wood Constr Lab (bull)* 117, 7 P. Feb 1973

066562 20 AK16
Multiple correlations of properties of Pinus wood in pine forest belts of Kazakhstan. (Rus) Tekhneriadnov, A V *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 96-101. Jan 1973

066563 100 W52 (1)
Relationship between certain external characteristics & internal defect in black cherry. [Prunus serotina, wood, juglans nigra l]. Frederick, D J *W Va Agr Exp Sta Bull* 615, 15 P. Ref. Feb 1973

066564 99.82 M72
Stake test at Asakawa Experiment Forest. 4. yearly change of residual creosote oil in stakes. [Wood preservation]. (Jap) Amemiya, S *Wood Ind (jap)* 28 (4): 15-18. Eng. Sum. Apr 1973

066565 99.82 M72
Lathe checks formation & their development in veneer cutting. (Jap) Hayashi, D *Wood Ind (jap)* 28 (4): 19-21. Apr 1973

066566 99.82 M72
Practical properties of wood based cement board. (Jap) Namioka, Y *Wood Ind (jap)* 28 (4): 2-5. Apr 1973

066567 99.82 W856
Hardwoods & furniture – a long-term relationship. Romeiser, G C *Wood Wood Prod* 78 (2): 24-25. Feb 1973

066568 99.8 W89
Plantations supply Argentine board plant with rat material. Davis, W E *World Wood* 14 (4): 12-13. Apr 1973

066569 99.8 W89
Particleboard manufacturing process uses cement as a binding agent. Vermaas, C H *World Wood* 14 (4): 14-15. Apr 1973

066570 99.8 W89
Europe's plywood/particleboard industries continue to expand. Roberts, J *World Wood* 14 (4): 18-20. Apr 1973

066571 99.8 W89
Wax emulsions provide good production. [Wood preservation]. Stefanik, P *World Wood* 14 (4): 28-29. Apr 1973

GENERAL PLANT SCIENCE

066572 450 AC823
Peter Melius Juhasz (1536? – 1572). [Botanists]. (Ger) Soo, R *Acta Bot* 18 (1/2): 1-6. 1973

066573 80 AM329
Starting an orchid library. Weiss, J *Amer Orchid Soc Bull* 42 (1): 34-38. Jan 1973

066574 QK1.A45
Arboreta – their environmental role. Nicring, W A *Arbor Bot Gard Bull* 7 (2): 55-57. Apr 1973

066575 442.8 B529
Occurrence of diseases in cattle herds in state of Sao Paulo in 1965/1967 triennial: Pododermatitis in regions of Ribeirao Preto, Bauru & Campinas. (Por) Tupinamba Valente, F A *Biologico* 38 (12): 410-415. Dec 1972

066576 450 EN3B
Alexander Curt Brade. [Botanists. (Ger) Markgraf, F *Bot Jahrbucher* 93 (1): 1-8. Mar 19, 1973

066577 450 N85
Life & activities of Titius Pinus Vendel, 1801-1884. [Botanists]. (Hun) Zsigmond, V L *Bot Kozlemenyek* 59 (3): 141-143. Map. Sept 1972 (Pub. Mar 1973)

066578 450 N85
To history of Botanical Garden, University of Pe st. (Hun) Priszter, S *Bot Kozlemenyek* 59 (3): 145-154. Sept 1972 (Pub. Mar 1973)

066579 450 N85
On botanical application of some procedures of multivariate analysis. I. Introduction. (Hun) Szocs, Z *Bot Kozlemenyek* 59 (3): 181-185. Ref. Eng. Sum. Sept 1972 (Pub. Mar 1973)

066580 450 C115
Ethnobotanical search of hallucinogenic Cactaceae. [Lophophora williamsii, Mamillopsis senilis, Mammilaria heydery, Pachycerus pecten-aboriginum]. (Spa) Bruh, J G *Cactaceas Suculentas Mex* 18 (1): 8-13. Eng. Sum. Jan/Mar 1973

066581 451 C16
Activities of Conservatory & Botanical Garden & of Institute of Systematic Botany & Experimental Taxonomy in 1971. (Fre) Miege, J *Candollea* 27 (2): 293-305. 1972

066582 451 C16
Card index for graphic identification of botanists. 1. (Fre) Burdet, H M *Candollea* 27 (2): 307-340. Ref. Eng. Sum. 1972

066583 28 F55
Ethnobotanical explorations in corn. [Mexico]. (Spa) HernandezX, E *Fitotec Latinoamer* 8 (2): 46-51. Ref. Eng. Sum. 1972

066584 28 F55
Six alternative methods to blocking for field experimentation. (Spa) Mendez, I *Fitotec Latinoamer* 8 (2): 52-59. Ref. Eng. Sum. 1972

066585 QK1.F5
Sergei Ivanovich Lebedev (on his 70th birthday). [Botanists]. (Rus) Sytnik, K M *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 4 (4): 435-437. July-/Aug 1972

066586 QK1.F5
Aleksandr germanovich genkel' (on a centenary of his birth). [Botanists]. (Rus) Vlasiuk, P A *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 4 (6): 66-0662. Nov/Dec 1972

066587 80 H29
Open gardens: Schackenborg Palace garden. (Dan) Bertelsen, J *Haven* 73 (2): 100-101. Feb 1973

066588 80 H29
Goteborg's botanical garden. (Dan) Bertelsen, J *Haven* 73 (3): 128-131. Map. Mar 1, 1973

066589 80 H29
Open gardens: Gjessinggaard. (Dan) Brix-Pedersen, C *Haven* 73 (3): 132-133. Mar 1, 1973

066590 80 H29
Open gardens: Ausumgaard. (Dan) Bertelsen, J *Haven* 73 (3): 134-135. Mar 1, 1973

066591 S544.3.H3H3
A catalog of plants in Plant Science Instructional Arboretum. Warner, R M *Hawaii Univ Ext Misc Publ* 98, 34 P. Oct 1972

066592 16 IT1
Giacomo Bresadola: 125th anniversary of this famous Italian mycologist. (Ita) Govi, G *Ital Agr* 109 (10): 1077-1080. Oct 1972

066593 474 K842
Noah's Ark in green. [Botanical gardens, Great Britain]. (Ger) Simmons, J B *Kosmos* 69 (4): 155-158. Apr 1973

066594 SD1.L4
(To 70th birthday anniversary & 45 years of scientific, pedagogical & public activities). [Botanists]. (Rus) Jurkevich, I D *Lesovedenie* 1: 91-93. Jan/Feb 1973

066595 QK600.M5
Vladimir iakovlevich chastukhin (1897-1970). [Mycologists]. (Rus) Niuksha, IU P *Mikol Fitol* M (1): 68-71. 1973

066596 QK600.M5
In memory of Dutch mycologist Dr. M.b. Schol-Schwarz (1898-1969). (Rus) Potlaichuk, V I *Mikol Fitol* 7 (1): 78. 1973

066597 64.8 N76
Gregor Mendel, 1822 – 1884. [Botanists]. (Hun) Berzsenyi-Janosits, L *Novenytermeles* 21 (4): 289-290. Dec 1972

066598 510 P886
Plantae cechoslovacae exsiccatae ed. Cur. Sectio botanica musei nationalis pragae [Czechoslovak dried plant speci-. *Prague Nar Mus Sb Rada B Prirodn Vedy* 27 (2): 17-54. 1971

066599 84 L84J
Winter garden at Cambridge. Orriss, P T *Roy Hort Soc J* 98 (1): 8-13. Jan 1973

066600 S590.B5
Determination of phosphatic activity in soils. (Fre) Khaziev, F *Soil Biol Int News Bull* 16: 22-23. Dec 1972

066601 450 F58AE
A. L. Kursanov: in commemoration of his 70th birthday. [Botanists]. *Soviet Plant Physiol* 19 (5): 763-767. Sept/Oct 1972 Transl 1973

066602 450 J8212J
Consolidation creative cooperation of Ukrainian botanists with research institutions of other USSR republics. (Ukr) Sytnyk, K M *Ukr Bot Zh* 29 (6): 681-686. Nov/Dec 1972

066603 451 Z83BE
Report on Geobotanical Institute at Federal Technical College, Rubel Foundation for years 1970 & 1971. (Ger) Landolt, E *Zurich Eidgenoss Tech Hochsch Geobot Inst Stiftung Rubel Ber* 41: 5-11. 1972

PLANT TAXONOMY AND GEOGRAPHY

066604 512 W262
Chrysocapsa vernalis n.sp. & Chrysocapsella mucophila n.sp. (Chrysophyceae) growing in frog spawn. Starmach, K *Acad Polon Sci Bull Ser Sci Biol* 20 (9): 671-675. 1972

066605 450 AC823
New Chlorococcales from settlingand enrichment basins of Budapest waterworks. (Ger) Hortobagyi, T *Acta Bot* 18 (1/2): 119-130. Ref. Eng. Sum. 1973

066606 450 AC823
Nomenclature of incompletely quoted plant names. (Ger) Soo, R *Acta Bot* 18 (1/2): 171-177. 1973

066607 450 AC823
Critical revision of Arum species of Carpathian Basin. (Ger) Terpo, A *Acta Bot* 18 (1/2): 215-255. Ref. 1973

066608 450 AC823
New plants in Cuba. II. Borhidi, A *Acta Bot* 18 (1/2): 29-48. 1973

066609 450 AC823
African musci collected by Denes Balazs. (Fre) Bizot, M *Acta Bot* 18 (1/2): 7-28. Ref. 1973

066610 450 AC823
Diatoms of Lower Pannonian from Neogenic basin of Csakvar. (Ger) Hajos, M *Acta Bot* 18 (1/2): 95-118. Eng. Sum. 1973

066611 511 AK191
Picea abies f. Rimosocortea & Picea abies f. Glabocortea. (Est) Etverk, I *Akad Nauk Est Ssr Obshch Estestvoispyt Aastaraamat* 61: 116-130. Ref. Eng. Sum. 1972

066612 100 AL1S (2)
A karyotypic study of Cypresses indigenous to southwestern United States. Thomas, G E *Ala Agr Exp Sta Circ* 201, 24 P. Ref. Oct 1972

066613 80 AM329
Fossils attributed to Orchidaceae. Schmid, R *Amer Orchid Soc Bull* 42 (1): 17-27. Ref. Jan 1973

066614 80 AM329
Orchids of Southeast Asia: genus Robiquetia. Kerr, A D *Amer Orchid Soc Bull* 42 (1): 51-52. Jan 1973

066615 80 AM329
Brassia bidens, Brassia neglecta & Brassica wageneri. Teuscher, H *Amer Orchid Soc Bull* 42 (2): 125-129. Feb 1973

066616 80 AM329
Catasetum integerrimum, Catasetum oerstedii & Catasetum macrocarpum. Teuscher, H *Amer Orchid Soc Bull* 42 (3): 216-219. Mar 1973

066617 80 AM329
An orchid genus new to Peru. [Porroglossum peruvianum]. Sweet, H R *Amer Orchid Soc Bull* 42 (3): 221-223. Mar 1973

066618 80 AM329
Orchid genera, illustrated. XXXII. [Doritis]. Sheehan, T *Amer Orchid Soc Bull* 42 (3): 248-249. Mar 1973

066619 QH98.A1A5
Benthic algae in water of Neouvielle Massif (Hautes-Pyrenees). [Diatomaceae]. (Fre) Besch, W K *Ann Limnol* 8 (2): 103-118. Ref. Eng. Sum. 1972

066620 470 AR22
Vascular plants of Truelove Inlet Region, Devon Island. Barrett, P E *Arctic* 26 (1): 58-67. Ref. Mar 1973

066621 451 AR6J
Late glacial plants & plant communities in northwestern New York State. Miller, N G *Arnold Arboretum J* 54 (2): 123-159. Ref. Apr 1973

066622 451 AR6J
A provisional key & enumeration of species of Syzygium (Myrtaceae) from Papuasia. Hartley, T G *Arnold Arboretum J* 54 (2): 160-227. Ref. Apr 1973

066623 451 AR6J
Studies of Pacific island plants. XXV. Myrsinaceae of Fijian region. Smith, A C *Arnold Arboretum J* 54 (2): 228-292. Ref. Apr 1973

066624 451 AR6J
Present status & problems of bamboo classification. Grosser, D *Arnold Arboretum J* 54 (2): 293-308. Ref. Apr 1973

066625 451 AR6J
Notes on West Indian Myrtaceae. McVaugh, R *Arnold Arboretum J* 54 (2): 309-314. Apr 1973

066626 451 AR6J
Three new species of Picramnia (Simaroubaceae) from central America. Porter, D M *Arnold Arboretum J* 54 (2): 315-321. Apr 1973

066627 451 AR6J
Krameriaceae in southeastern United States. [Krameria]. Robertson, K R *Arnold Arboretum J* 54 (2): 322-327. Ref. Apr 1973

066628 450 C66
Systematic embryology of Roridula gorgonias Planch. Vani-Hardev, *Beitr Biol Pflanz* 48 (3): 339-351. Ref. 1972

066629 QH301.B54
Pollen analysis. (Ger) Straka, H *Biol Unserer Zeit* 3 (2): 51-59. Apr 1973

066630 20 ER4
A new species of fern from deposits of Sariar brown coalfield (Leninakan). [Paleobotany]. (Rus) Gokhtuni, N G *Biol Zh Arm* 25 (5): 78-80. May 1972

066631 442.8 B5263
Salient features of International Code of Botanical Nomenclature. Bock, J *Biologist* 55 (1): 13-23. Feb 1973

066632 451 C16B
Biotaxonomical study of genus Erodium L'Her. from eastern Mediterranean Basin. (Fre) Guittonneau, G G *Boissiera* 20, 154 P. Ref. 1972

066633 450 B652
Leucine aminopeptidase polymorphism in genus Lupinus (Leguminosae). [Evolution, taxonomy]. Scogin, R *Bot Gaz* 134 (1): 73-76. Ref. Mar 1973

066634 451 L64J
Origin of Taraxacum agamospecies. Richards, A J *Bot J Linn Soc* 66 (3): 189-211. Maps. Ref. Apr 1973

066635 450 EN3B
Contribution to taxonomy of genus Aconitum in Europe. (Ger) Seitz, W *Bot Jahrbucher* 92 (4): 490-507. Ref. Eng. Sum. Dec 19, 1972

066636 450 EN3B
Cytotaxonomic study of genus Symphytum L. of Boraginaceae family. Studies on predominantly north German plants of species of Symphytum asperum Lepech., Symphytum officinale L., & Symphytum X uplandicum Nym. (Ger) Basler, A *Bot Jahrbucher* 92 (4): 508-553. Ref. Dec 19, 1972

066637 450 EN3B
A taxonomic revision of genus Dasylepis Oliv. (Flacourtiaceae). Sleumer, H *Bot Jahrbucher* 92 (4): 554-561. Dec 19, 1972

066638 450 EN3B
Some Lauraceae of Pliocene from Romania. (Fre) Givulescu, R *Bot Jahrbucher* 93 (1): 168-174. Ref. Mar 19, 1973

066639 450 EN3B
Peperomia species of Africa. (Ger) Dull, R *Bot Jahrbucher* 93 (1): 56-129. Ref. Mar 19, 1973

066640 450 N85
In defense of Chodatella balatonica Scherffel. (Hun) Hortobagyi, T *Bot Kozlemenyek* 59 (3): 155-158. Ref. Sept 1972 (Pub. Mar 1973)

066641 450 N85
Atlantic-boreal Sphagnum pylaesii Brid. in Carpathian flora. (Hun) Debreczy, Z *Bot Kozlemenyek* 59 (3): 159-171. Ref. Eng. Sum. Sept 1972 (Pub. Mar 1973)

066642 450 N85
New data concerning flora of Cuba. (Hun) Borhidi, A *Bot Kozlemenyek* 59 (3): 187-192. Sept 1972 (Pub. Mar 1973)

066643 450 N85
New habitat of Croccus heuffelianus Herb in northern Hungarian Plain. (Hun) Simon, T *Bot Kozlemenyek* 59 (3): 193-195. Sept 1972 (Pub. Mar 1973)

066644 450 N85
Botanical excursion in western Tien Shan. (Hun) Kovacs, L *Bot Kozlemenyek* 59 (3): 197-206, Map. Sept 1972 (Pub. Mar 1973)

066645 450 B656
Systematic revision of genus Sonchus L. s.l. III. Palynological study. (Fre) Pons, A *Bot Not* 125 (4): 310-319. Ref. Eng. Sum. 1972

066646 451 B76
Gloecercospora & Ramulispora in India. Rawla, G S *Brit Mycol Soc Trans* 60 (2): 283-292. Apr 1973

066647 451 B76
Records & taxonomic notes on plant disease fungi in New Zealand. Laundon, G F *Brit Mycol Soc Trans* 60 (2): 317-337. Ref. Apr 1973

066648 451 B76
Some type specimens of zoosporic fungi. [Physoderma, Urophlyctis]. Sparrow, F K *Brit Mycol Soc Trans* 60 (2): 339-346. Ref. Apr 1973

066649 451 B87
Genus Delitschia Awd. in Bulgaria. (Bul) Fakirova, V *Bulg Akad Nauk Bot Inst Izv* 22: 181-187. Ref. Eng. Sum. 1972

066650 450 C115
Genus Neoevansia Marshall: History & revision. (Spa) Sanchez-Mejorada R, H *Cactaceas Suculentas Mex* 18 (1): 13-27. Ref. Eng. Sum. Jan/Mar 1973

066651 450 C115
Echeveria gracilis Rose. (Spa) Moran, R *Cactaceas Suculentas Mex* 18 (1): 3-7. Eng. Sum. Jan/Mar 1973

066652 500 C125B
Polygamous species of genus Galium (Rubiaceae), section Lophogalium, of Mexico & southwestern United States. Dempster, L T *Calif Univ Publ Bot* 64, 36 P. Ref. 1973

066653 470 C16C
Palynology of six sections of Late Quaternary sediments from Old Crow River, Yukon Territory. Lichti-Federovich, S *Can J Bot* 51 (3): 553-564. Ref. Mar 1973

066654 470 C16C
Genera coelomycetum. VIII. Rahbdogloeopsis Petrak & Rhabdogloeum Sydow. Nag Raj, T R *Can J Bot* 51 (3): 565-569. Mar 1973

066655 470 C16C
Foliicolous bryophytes & lichens of Thuja plicata in western British Colombia. Vitt, D H *Can J Bot* 51 (3): 571-580. Ref. Mar 1973

066656 470 C16C
Studies in Arundinelleae (Graminaeae). Xv. Taximetrics of leaf anatomy. Li, Y H C *Can J Bot* 51 (3): 657-680. Ref. Mar 1973

066657 470 C16C
Pseudorobillarda Nag Raj et al., a later homonym of Pseudorobillarda Morelet. Bag Raj, T R *Can J Bot* 51 (3): 688-689. Mar 1973

066658 451 C16
Some information obtained from study of population of Colchicum alpinum DC recently discovered in Aubrac. [Colchicum autumnale]. (Fre) Nozeran, R *Candollea* 27 (2): 181-188. Ref. Eng. Sum. 1972

066659 451 C16
Contribution to study of flora of Corsica. IV. Leucanthemum corsicum (Less.) DC.: A little known species. (Fre) Gamisans, J *Candollea* 27 (2): 189-209. Ref. Eng. Sum. 1972

066660 451 C16
Area of distribution of snow heath (Erica herbacea L. Erica carnea L.) in French part of Alpine arc. (Fre) Charpin, A *Candollea* 27 (2): 229-247. Ref. 1972

066661 451 C16
A revision of species of Trifolium sect. Trifolium (Leguminosae). III. Taxonomic treatment (sequel). Zohary, M *Candollea* 27 (2): 249-264. Ref. 1972

066662 451 C16
A collection of ferns from eastern Nepal. [Pteridophya]. Banerji, M L *Candollea* 27 (2): 265-281. Map. Ref. 1972

066663 510 T75
Findings of parasitic fungi (Fungi imperfecti) of genus Ovularia Sacc. From Moravia & Silesia. (Cze) Ondrej, M *Cas Slezakeho Muz Ser A Sci Natur* 21 (2): 141-150. Ref. 1972

066664 510 T75
Ciliatula Velen., correct name for Sphagnicola Velen. (Discomycetes). Pouzar, Z *Cas Slezakeho Muz Ser A Sci Natur* 21 (2): 155-157. 1972

066665 510 T75
Distribution of liverworts in Czechoslovakia. XII. [Hepaticae]. (Ger) Duda, J *Cas Slezakeho Muz Ser A Sci Natur* 21 (2): 159-182. Map. 1972

066666 510 T75
Parasitic imperfect fungi of order Melanconiales from north Moravia (Czechoslovakia). (Cze) Ondrej, M *Cas Slezakeho Muz Ser A Sci Natur* 21 (2): 97-105. Ref. 1972

066667 475 SA2
Notes on distribution of Hosta longipes Matsumura in Chiba Prefecture, Japan. (Jap) Asano, S *Coll & Breed (tokyo)* 35 (3): 52-53. Ref. Mar 1973

066668 475 SA2
Origin of Prunus incisa Thunb. var. bukosanensis (Honda) Hara. (Jap) Kawasaki, T *Coll & Breed (tokyo)* 35 (3): 54-58. Mar 1973

066669 512 SO2
Tertiary Charophyta from Bulgaria. Palamarev, E H *Dokl Bolg Akad Nauk* 25 (10): 1425-1427. 1972

066670 SB438.A1E8
Name's same. [Plants, nomenclature, Harry Hall, botanists]. Brown, C G *Essex Succulent Rev* 10 (1): 11-14. Mar 1973

066671 SB438.A1E8
Three choice Madagascan Aloes. Mitchell, P J *Essex Succulent Rev* 10 (1): 4. Mar 1973

066672 SB438.A1E8
Whate makes a cactus. [Identification]. Brewerton, D V *Essex Succulent Rev* 10 (1): 7-8. Mar 1973

066673 475 EX7
On occurrence of thiothreonine in plant matter. [Peas]. (Ger) Schnyder, J *Experientia* 29 (2): 232. Ref. Feb 15, 1973

066674 450 F58
Further verification of hypothesus concerning thr reasons for different distribution of D & L bioobjects in nature. [Beans, heat drought, resistance]. (Rus) Urmantsev, IU A *Fiziol Rast (mosc)* 20 (2): 260-267. Eng. Sum. Mar-/Apr 1973

066675 80 W41
California's desert wild flowers. Endo, T *Florists' Rev* 152 (3936): 19-21, 51. May 10, 1973

066676 QK339.C95F6
New subspecies of Sparganium erectum L. from Iran. Ponert, J *Folia Geobot & Phytotaxon* 7 (3): 309-312. 1972

066677 450 G29
Geobotanical foundations of Middle East. Zohary, M *Geobot Selec* 3 (V. 2): 341-739. Map. Ref. 1973

066678 450 G29
Geobotanical foundations of Middle East. Zohary, M *Geobot Selec* 3 (1): 340 P. Map. 1973

066679 410 G79
Aquatic phycomycetes of Lily Lake, Utah. Rooney, H M *Great Basin Natur* 32 (4): 181-189. Ref. Dec 31, 1972

066680 410 G79
Comments on two names in an early Utah flora. [Erysimum as perum, Acerates decDmbens]. Reveal, J L *Great Basin Natur* 32 (4): 221-222. Dec 31, 1972

066681 SB211.P8G4
Taxonomy & geography of potato species. (Rus) Bukasov, S M *In Genetika Kartofelia* P. 14-34. Map. 1973

066682 QK95.M3
Evolutionary classification of primary trees & shrubs of Azerbaijan according to structural types of mature wood. (Rus) Novruzova, Z A *In Materialy po Flore i Sistematike Vysshikh Rastenie Azer Baidzhana* P. 111-124. 1972

066683 QK95.M3
North American analogs of species of woody Angiospermae of Sarmat flora of western Azerbaijan. (Rus) Fataliev, R A *In Materialy po Flore i Sistematike Vysshikh Rastenie Azer Baidzhana* P. 136-141. Ref. 1972

066684 QK95.M3
On study of taxonomy of clovers of Caucasus. (Rus) Khalilov, E Kh *In Materialy po Flore i Sistematike Vysshikh Rastenie Azer Baidzhana* P. 14-25. Ref. 1972

066685 QK95.M3
Economic importance of some Teucrium species of Caucasus. [Drug plants, essential oil plants]. (Rus) Akhmed-Zade, F A *In Materialy po Flore i Sistematike Vysshikh Rastenie Azer Baidzhana* P. 142-150. 1972

066686 QK95.M3
Pollen morphology of genera of subtribe Hypochaerinae of Cichorieae tribe (Compositae). (Rus) Askerova, R K *In Materialy po Flore i Sistematike Vysshikh Rastenie Azer Baidzhana* P. 26-40. 1972

066687 QK95.M3
On taxonomic status of species of Salsola L. of Azerbaijan. (Rus) Isaev, IA M *In Materialy po Flore i Sistematike Vysshikh Rastenie Azer Baidzhana* P. 41-50. 1972

066688 QK95.M3
Current status & fundamental tasks of research on flora & taxonomy of higher plants of Azerbaijan. (Rus) Isaev, IA M *In Materialy po Flore i Sistematike Vysshikh Rastenie Azer Baidzhana* P. 6-13. 1972

066689 QK95.M3
On some rare & disappearing species of flora of Apsheron Peninsula. (Rus) Akhmed-Zade, F A *In Materialy po Flore i Sistematike Vysshikh Rastenie Azer Baidzhana* P. 68.71. 1972

066690 QK95.M3
On Nepeta L. of Caucasus. [Taxonomy]. (Rus) Askerova, R K *In Materialy po Flore i Sistematike Vysshikh Rastenie Azer Baidzhana* P. 72-110. Ref. 1972

066691 QK95.T38 1972
Evolutionary problems in arctic lora. Bocher, T W *In Taxonomy, Phytogeography and Evolution* P. 101-113. Ref. 1972

066692 QK95.T38 1972
Connections between cool temperate floras, with particular reference to southern South America. Moore, D M *In Taxonomy, Phytogeography and Evolution* P. 115-138. Ref. 1972

066693 QK95.T38 1972
Endemism in flora of Canary Islands. Bramwell, D *In Taxonomy, Phytogeography and Evolution* P. 141-159. Ref. 1972

066694 QK95.T38 1972
Relict element of flora of Crete & its evolutionary significance. Greuter, W *In Taxonomy, Phytogeography and Evolution* P. 161-177. Ref. 1972

066695 QK95.T38 1972
Origin of endemics in California flora. Lewis, H *In Taxonomy, Phytogeography and Evolution* P. 179-189. Ref. 1972

066696 QK95.T38 1972
Endemism in montane floras of Europe. Favarger, C *In Taxonomy, Phytogeography and Evolution* P. 191-204. Ref. 1972

066697 QK95.T38 1972
Role of hybridization in evolution of Hawaiian flora. Gillett, G W *In Taxonomy, Phytogeography and Evolution* P. 205-219. Ref. 1972

066698 QK95.T38 1972
Phytogeography of west African mountains. Morton, J K *In Taxonomy, Phytogeography and Evolution* P. 221-236. Ref. 1972

066699 QK95.T38 1972
Distribution & variation of some Gesneriads on Caribbean Islands. Morley, B *In Taxonomy, Phytogeography and Evolution* P. 239-257. Ref. 1972

066700 QK95.T38 1972
Evolution & endemism in New Zealand species of Epilobium. Raven, P H *In Taxonomy, Phytogeography and Evolution* P. 259-274. Ref. 1972

066701 QK95.T38 1972
Nothofagus, key genus to plant geography. Steenis, C G G J van *In Taxonomy, Phytogeography and Evolution* P. 275-288. Map. Ref. 1972

066702 QK95.T38 1972
Some evolutionary & phytogeographical problems in Aegean. Strid, A *In Taxonomy, Phytogeography and Evolution* P. 289-300. Ref. 1972

066703 QK95.T38 1972
Endemism in genus Alchemilla in Europe. Walters, W M *In Taxonomy, Phytogeography and Evolution* P. 301-305. 1972

066704 QK95.T38 1972
Patterns of distribution in Combretaceae. Exell, A W *In Taxonomy, Phytogeography and Evolution* P. 307-323. Ref. 1972

066705 QK95.T38 1972
Migrations of weeds. [Plant ecology]. Baker, H G *In Taxonomy, Phytogeography and Evolution* P. 327-347. Ref. 1972

066706 QK95.T38 1972
Comments on history & ecology of continental European plants. Jager, E J *In Taxonomy, Phytogeography and Evolution* P. 349-362. Map. Ref. 1972

066707 QK95.T38 1972
Floristic connections between southeast England & north France. [Phytogeography]. Rose, F *In Taxonomy, Phytogeography and Evolution* P. 363-379. Ref. 1972

066708 QK95.T38 1972
Corresponding taxa & their ecological background in forests of temperate Eurasia & North America. Kortnas, J *In Taxonomy, Phytogeography and Evolution* P. 37-59. Ref. 1972

066709 QK95.T38 1972
Computational methods in study of plant distributions. Jardine, N *In Taxonomy, Phytogeography and Evolution* P. 381-393. Ref. 1972

066710 QK95.T38 1972
Corresponding taxa in North America, Japan & Himalayas. [Flora]. Hara, H *In Taxonomy, Phytogeography and Evolution* P. 61-72 ref. 1972

066711 QK95.T38 1972
Ecological distribution of centers of major adaptive radiation in angiosperms. Stebbins, G L *In Taxonomy, Phytogeography and Evolution* P. 7-34. Ref. 1972

066712 QK95.T38 1972
Vicarious species of Restionaceae in Africa, Australia & South America. Cutler, D F *In Taxonomy, Phytogeography and Evolution* P. 73-83. Ref. 1972

066713 99.8 IN2
On indian Sambucus ebulus (Sensu C.B. Clarke). Singh, G *Indian Forest* 99 (4): 235-237. Apr 1973

066714 99.8 IN2
A note on occurrence of Saccharum rufipilum Steud. in Dehra Dun siwaliks. Bhandari, M *Indian Forest* 99 (4): 241-242. Apr 1973

066715 SB599.I48
Present status of evolution & phylogeny of Ustilaginales. (Rum) Beceriescu, D *Inst Cercet Pentru Prot Plant An* 8: 9-17. Ref. Eng. Sum. (Pub. 1972)

066716 28 IN83TEX
Growing tropical root & tuber crops. (Spa) Montaldo, A *Inst Interamer Cienc Agr Textos Mater Ensenanza* 21, 284 P. Ref. Aug 1972

066717 QH91.A1I52
Remarks on taxonomy of some algae from Shallow Bays of Darss & Zingst (Southern Baltic). (Ger) Martens, B *Int Rev Gesamten Hydrobiol* 57 (5): 779-800. Ref. Eng. Sum. 1972

066718 SB731.A1I7
Identification of Homobasidiomycetes collected in Iran. Saber, M *Iranian J Plant Pathol* 8 (1): 13-19. Ref. Mar 1972

066719 450 J829
Biological flora of British Isles. Empetrum nigrum L. Bell, J N B *J Ecol* 61 (1): 289-305. Ref. Mar 1973

066720 450 J8262
Euphorbia species from flora Zambesiaca area: 10. Leach, L C *J S Afr Bot* 39 (1): 3-22. Jan 1973

066721 450 J8262
A new variety of aloe [krapohliana] from Namaqua land. Lavranos, J J *J S Afr Bot* 39 (1): 41-43. Jan 1973

066722 450 J8262
Studies on South African bulbous Liliaceae: 4. A new species of Ledebouria [scabrida] from South West Africa. Jessop, J P *J S Afr Bot* 39 (1): 45-48. Jan 1973

066723 450 J8262
Studies in genus Ceratium Schrank with reference to specimens collected in Agulhas current: 2. Section Macroceras ostenfeld, subsections Robusta Karsten & Reflexa (Jorg.) Reinecke. Reinecke, P *J S Afr Bot* 39 (1): 49-84. Ref. Jan 1973

066724 450 J8262
Aloe chlorantha: a new species from South Western Karoo (South Africa). Lavranos, J J *J S Afr Bot* 39 (1): 85-90. Jan 1973

066725 442.9 AM8
Heterobasidiomycetes: a reconnaissance. III. How to recognize a Basidiomycete? Donk, M A *Kon Ned Akad Wetensch Proc Ser C Biol Med Sci* 76 (1): 1-13. 1973

066726 442.9 AM8
Heterobasidiomycetes: a reconnaissance. IIIb. How to recognize a basidiomycete? Donk, M A *Kon Ned Akad Wetensch Proc Ser C Biol Med Sci* 76 (1): 14-22. Ref. 1973

066727 442.8 K96
A revision of genus Macrothamnium (Musci). Noguchi, A *Kumamoto J Sci Ser B Sect 2 Biol* 11 (1): 1-12. Nov 1972

066728 450 M582
Corticolous Pyrenolichens of Great Lakes region. Harris, R C *Mich Bot* 12 (1): 3-68. Map. Ref. Jan 1973

066729 QK600.M5
On taxonomy of Trichocladium Harz genus. (Rus) Pidoplichko, N M *Mikol Fitol* 6 (6): 510-515. Ref. 1972

066730 QK600.M5
Generic endemism of mycoflora in Kazakhstan. (Rus) Schvartsman, S R *Mikol Fitol* 6 (6): 515-516. 1972

066731 450 M75
Systematic studies on morphology & anatomy of caryopsis of Poa L. species in Poland. (Pol) Rudnicka-Sterna, W *Monogr Bot* 37: 51-136. Ref. Eng. Sum. 1972

066732 450 M99
Comments arising from 'hydnaceous fungi of eastern Old World' by R. R. R. A. Maas Geesteranus. Harrison, K A *Mycologia* 65 (2): 277-285. Mar/Apr 1973

066733 450 M99
Corticolous Myxomycetes. I. Two new species of Didymium. Keller, H W *Mycologia* 65 (2): 286-294. Mar/Apr 1973

066734 450 M99
Psilopezioid fungi. I. History, nomenclature, & delimitation of psilopezioid genera. Pfister, D H *Mycologia* 65 (2): 321-328. Ref. Mar/Apr 1973

066735 450 M99
Occurrence & distribution of some aquatic phycomycetes on Ross Island & dry valleys of Victoria Land, Antartica. Knox, J S *Mycologia* 65 (2): 373-387. Ref. Mar/Apr 1973

066736 450 M99
Studies on fleshy fungi of Alaska. VI. Notes on Cyromitra. Kempton, P E *Mycologia* 65 (2): 396-460. Mar/Apr 1973

066737 450 M99
Myxomyceticolous species of Nectria. Samuels, G J *Mycologia* 65 (2): 401-420. Ref. Mar/Apr 1973

066738 450 M99
Stromatic neurosporas. Jong, S C *Mycologia* 65 (2): 458-464. Ref. Mar/Apr 1973

066739 450 M99
Stemonitomycetidae, a new sebclass of Myxomycetes. Ross, I K *Mycologia* 65 (2): 477-485. Ref. Mar/Apr 1973

066740 450 M99
Cantharocybe, a new genus of Agaricales. Bigelow, H E *Mycologia* 65 (2): 485-488. Mar/Apr 1973

066741 450 C27
Boletus amarus Pers. ex Vitt. (Boletus radicans ss. Kahlenbach non Pers. Ex Fr.). (Cze) Mergl, B *Mykol Sb* 49 (7/8): 100-101. Oct 1972

066742 96.46 N81
On [Lilium] pumilum lily. Baranova, M V *N Amer Lily Soc Lily Yearbook* 25: 62-74. Ref. 1972

066743 509 F856
Snow white elecampane (Inula candida) a trans Adriatic plant. (Ger) Eberle, G *Natur Mus* 102 (8): 301-306. Aug 1972

066744 442.8 N22
Notes on taxonomy of genera of tribe Sophoreae Spreng. & Millettieae Hutch. [Sophora burmanica]. (Rus) IAkovlev, G P *Nauch Dokl Vyssh Shk, Biol Nauk* 1: 57-59. 1973

066745 442.8 N22
New data on flora of Vladimir Region. (Rus) Tikhomirov, V N *Nauch Dokl Vyssh Shk, Biol Nauk* 1: 60-66. Ref. 1973

066746 442.8 N22
Ecological & taxonomic survey of protococcal algae in sewage. (Rus) Dogadina, T V *Nauch Dokl Vyssh Shk, Biol Nauk* 2: 50-56. Ref. 1973

066747 442.8 N22
Ontogeny & age groups of Helictrotrichon schellianum (Hack) Kitagawa. (Rus) Cheburaeva, A N *Nauch Dokl Vyssh Shk, Biol Nauk* 2: 57-63. Ref. 1973

066748 442.8 N22
Features of diatomaceous flora of modern lakes of polar area of Ural. (Rus) Stenin, V N *Nauch Dokl Vyssh Shk, Biol Nauk* 5: 66-73. 1972

066749 442.8 N22
Discovery of ferns in extreme south-east of European part of USSR. (Rus) Ivanov, V V *Nauch Dokl Vyssh Shk, Biol Nauk* 6: 62-67. Map. Ref. 1972

066750 442.8 N22
New speices of Fungi Imperfecti from Trukmenia. (Rus) Annaliev, S *Nauch Dokl Vyssh Shk, Biol Nauk* 9: 65-67. 1972

066751 409 N392
Coccoliths, calcereous plankton since million of years. (Ger) Reinhardt, P *Neue Brehm-bucherei* 453, 99 P. Ref. 1972

066752 80 N81
Victoria amazonica: gigantic aquatic plant. (Nor) Sjoborg, S *Norsk Hagetid* 89 (4): 104. Apr 1973

066753 450 N852
Studies on Xanthophyceae of Red Lake Wetlands, Minnesota. Tarapchak, S J *Nova Hedwigia* 23 (1): 1-43. Ref. 1972

066754 450 N852
Algae of Allen Forest Lake, Kanpur, India. Cyanophyceae, I *Nova Hedwigia* 23 (1): 125-129. 1972

066755 450 N852
Pavlova helicata (Haptophyceae), a new species from Frisian Island Schiermonnigkoog, Netherlands. Veer, J van der *Nova Hedwigia* 23 (1): 131-159. Ref. 1972

066756 450 N852
Observations on Periconia byssoides. [Taxonomy]. Rao, D *Nova Hedwigia* 23 (1): 169-171. 1972

066757 450 N852
Aquatic fungi of Iceland: three species with gibbose sporangia. Johnson, T W *Nova Hedwigia* 23 (1): 187-195. Ref. 1972

066758 450 N852
Coprophilic Ascomycota from Scotland. II. Roy, I *Nova Hedwigia* 23 (1): 45-47. 1972

066759 450 N852
Study of Discomycetes from groups Tapesia-Trichobelonium. (Ger) Aebi, B *Nova Hedwigia* 23 (1): 49-112. Ref. Eng. Sum. 1972

066760 450 N852
A taxonomic account of Erpodiaceae. Crum, H *Nova Hedwigia* 23 (2/3): 201-224. Ref. 1972

066761 450 N852
A review of synonyms & taxonomic positions of algal genus Porphyridium Nageli 1849. Ott, F D *Nova Hedwigia* 23 (2/3): 237-289. Ref. 1972

066762 450 N852
Notes on some leucosporous & rhodosporous European agarics. [Agaricales]. Singer, R *Nova Hedwigia* 23 (2/3): 305-351. Ref. 1972

066763 450 N852
Algae of Cho-Oyu (E. Himalayas) expedition-ii, Bacillariophyceae-ii. Suxena, M R *Nova Hedwigia* 23 (23): 415-431. Ref. 1972

066764 450 N852
Blue-green algal flora of Ragasthan. Gupta, R S *Nova Hedwigia* 23 (23): 481-492. 1972

066765 450 N852
Structure & development of a form of Dinococcus oedogonii (Geitler) Fott. [Taxonomy]. Williams, E G *Nova Hedwigia* 23 (23): 493-513. Ref. 1972

066766 450 N852
Desmidiaceae from southeastern United States. (Ger) Forster, K *Nova Hedwigia* 23 (23): 515-644. Ref. 1972

066767 279.8 OC3
Occurrence of Crocus scepusiensis (Rehm. et Wol.) Borb. in Sandomierz lowland. (Pol) Frey, A *Ochrona Przyrody* 37: 285-294. Map. Ref. Eng. Sum. 1972

066768 475 P11
A new Halimeda (Chlorophyceae, Codiaceae) from Philippines. Taylor, W R *Pacific Sci* 27 (1): 34-36. Jan 1973

066769 475 P11
Marine algae of Smithsonian-Bredin expedition to Society & Tuamotu Islands. [Giffordia indica]. Taylor, W R *Pacific Sci* 27 (1): 37-43. Ref. Jan 1973

066770 QK1.P3
Pycnoplinthopsis jafri, a new genus of cruciferae, with two new species, from Bhutan. Jafri, S M H *Pak J Bot* 4 (1): 73-78. June 1972

066771 450 P5622
Tulip allergens in Alstroemeria & some other Liliflorae. [Chemotaxonomy]. Slob, A *Phytochemistry* 12 (4): 811-815. Apr 1973

066772 QK273.A1P5
A species of Croton L. New for Venezuela, Croton katoae Croiz. (Spa) Croizat, L *Pittieria* 4: 33-37. Nov 1972

066773 QK273.A1P5
New species of Wilmattea [venezuelensis](Cactaceae) in Venezuela. (Spa) Croizat, L *Pittieria* 4: 39-41. Nov 1972

066774 QK273.A1P5
Reevaluation of Lozania pittieri (Lacistemaceae). [Lozania mutisiana, Lozania pedicellata]. (Spa) Agostini, G *Pittieria* 4: 43-47. Eng. Sum. Nov 1972

066775 QK273.A1P5
Lozania mutisiana (Lacistemaceae) a species new for Venezuela. (Spa) Agostini, G *Pittieria* 4: 49-50. Eng. Sum. Nov 1972

066776 QK273.A1P5
Novelties of Venezuelan Andes. [Araliaceae, Styracaceae, Rubiaceae]. (Spa) Steyermark, J A *Pittieria* 4: 9-25. Nov 1972

066777 450 P695
Nerines in Australia. Forbes, L J *Plant Life* 29 (1/4): 110-112. Jan/Oct 1973

066778 450 P695
Amaryllids in Portugal. Christianson, H *Plant Life* 29 (1/4): 121-122. Jan/Oct 1973

066779 450 P695
Rangpur lime, Citrus rangpuriensis sp. nov. scale & mealybug resistant. Traub, H P *Plant Life* 29 (1/4): 141-142. Jan/Oct 1973

066780 450 P695
Amaryllis traubii forma doraniana. Modenke, H N *Plant Life* 29 (1/4): 29-30. Jan/Oct 1973

066781 450 P695
Amaryllis calyptrata ker-gawler. Blossfeld, H *Plant Life* 29 (1/4): 30-34. Jan-/Oct 1973

066782 450 P695
Nothoscordum mahuii sp. nov. Traub, H P *Plant Life* 29 (1/4): 34. Jan/Oct 1973

066783 450 P695
Bolivian amaryllids. Cardenas, M *Plant Life* 29 (1/4): 36-40. Jan/Oct 1973

066784 450 P695
Genus Haylockia in Bolivia. Cardenas, M *Plant Life* 29 (1/4): 41-45. Jan/Oct 1973

066785 450 P695
A vanishing mexican Harbranthus? Clint, K L *Plant Life* 29 (1/4): 45-46. Jan-/Oct 1973

066786 450 P695
Amaryllis & other amaryllids. Korsakoff, A *Plant Life* 29 (1/4): 47-51. Jan/Oct 1973

066787 450 P695
Breeders need descriptions of Alstroemeria species. Traub, H P *Plant Life* 29 (1/4): 68-69. Jan/Oct 1973

066788 410 Q3
Some trentepohliaceous algae from Carnarvon Gorge. Cribb, A B *Queensland Natur* 20 (4/6): 90-91. Dec 1972

066789 450 R18
Laminariales & Fucales algae in seas of uSSR. (Rus) Petrov, IU E *Rastitel Resursy* 9 (1): 123-127. Ref. 1973

066790 450 R18
Species composition, distribution & supply of macrophytes of hard soils along shores of Tarkhankut Peninsula of Crimea. (Rus) Pogrebniak, I I *Rastitel Resursy* 9 (2): 191-199. Ref. 1973

066791 450 R18
Juglans manshurica & its supply in Soviet Far East. (Rus) Sushko, M T *Rastitel Resursy* 9 (2): 271-279. 1973

066792 450 R3212
Diatom of Lake Bagnolas. [Surirella]. (Fre) Voigt, M *Rev Algol* (New Ser.) 10 (3): 229-230. Sept 1971

066793 442.8 R326
New Brazilian Heliconia & varieties: Morphology & ecology, dispersion & pollinzation. (Heliconiaceae (End.) Nakai). [Heliconia chartaceae, Heliconia linneana]. (Por) Barreiros, H de S *Rev Brasil Biol* 32 (2): 205-208. Ref. Aug 1972

066794 80 R3212
Roses which are not. [Ornamental plants, names]. (Fre) Cornuz, L *Rev Hort Suisse* 46 (4): 86-87. Apr 1973

066795 99.9 P76
Malus Robusta Rehd. cv. Stecki. (Pol) Sekowski, B *Rocz Pol Tow Bot, Sekc Dendrol* 25: 31-33. 1971

066796 451 SCH9
Mycological notes from Switzerland. III. (Fre) Mayor, E *Schweiz Bot Ges Ber* 81: 19-26. Ref. 1971 (Pub. 1972)

066797 451 SCH9
Contributions to taxonomical, phytopathological & physiological studies of Gnomonia comari Karsten. [Strawberries, fungus diseases]. (Fre) Bolay, A *Schweiz Bot Ges Ber* 81: 398-482. Ref. Eng. Sum. 1971 (Pub. 1972)

066798 451 SCH9
Epipactis muelleri Godf., a misunderstood, but special Epipactis species in Switzerland. (Ger) Wildhaber, O J *Schweiz Bot Ges Ber* 81: 66-69. 1971 (Pub. 1972)

066799 QK1.S6
Morphological & anatomical considerations of grass subfamily Bambusoideae based on new genus Maclurolyra. Calderon, C E *Smithson Contrib Bot* 11, 55 P. Ref. 1973

066800 451 F84M
Cycle of Halarachnion ligulatum (Woodward) Kuetzing (Rhodophyceae, Gigartinales). (Fre) Boillot, A *Soc Bot France Mem* P. 275-291. Ref. Eng. Sum. 1972

066801 403 SO1
Paleobotanical study of the deposits situated in the proximity of Las Parras del rio Martin (Teruel). [Pinus, Betula, Fagus]. (Spa) Menendez Amor, J *Soc Espan Hist Natur Bol Secc Geol* 70 (1/2): 91-96. Eng. Sum. 1972

066802 505 L992B
Pottery fraqments & antique woods at Eyzin-Pinet (Isere). (Fre) Chapotat, G *Soc Linn Lyon Bull Mens* 42 (1): 4-11. Map. Jan 1973

066803 505 L992B
Quercus pascui m. sp. from upper Cretaceous of Romania. (Fre) Petrescu, J *Soc Linn Lyon Bull Mens* 42 (3): 35-37. Map. Mar 1973

066804 505 L992B
A new Urnula: Urnula helvelloides (Discomycetes Opercules) [France]. (Fre) Donadini, J C *Soc Linn Lyon Bull Mens* 42 (3): 37-40. Mar 1973

066805 505 N15
First results of a trapping trial of telluric dermatophytes in Loire-Atlantique. [Arthroderma, Nannizzia]. (Fre) Visset, M F *Soc Sci Natur Ouest France Bull* 70 (3): 11-15. Map. Oct 1972

066806 505 N15
Complements for scanning electron microscope determination of Ericaceae of Massif Amoricain. (Fre) Visset, L *Soc Sci Natur Ouest France Bull* 70 (4): 13-16. Dec 1972

066807 60.19 B772
Annual meadow-grass. [Poa annua, taxonomy]. Gibeault, V A *Sports Turf Res Inst J* 48: 9-19. Ref. 1972 (Pub. 1973)

066808 99.8 SY52
Alnus glutinosa f. floribunda. (Pol) Mejnartowicz, L *Sylwan* 116 (12): 83-85. Eng. Sum. Dec 1972

066809 410 SY8
On comparing shapes of taxonomic trees. Farris, J S *Syst Zool* 22 (1): 50-54. Mar 1973

066810 S19.T3
Investigation of wild tea plants in Nantou, Taiwan. (Chi) Shih, C *Taiwan Agr Quart* 8 (4): 193-207. Eng. Sum. Dec 1972

066811 451 T442Z
New & rare species of algae for flora of Georgia. (Geo) Rukhadze, T A *Tiflis Bot Inst Zametki Sist Geogr Rast* 29: 11-12. 1972

066812 505 T64
Description of a new genus of calcareous algae of 'Sparnacian' of Pyrenees, from Haute-Garonne, Aude & Ariege: Sarosiella. [Sarosiella feremollis]. (Fre) Segonzac, G *Toulouse Soc Hist Natur Bull* 108 (3/4): 394-396. 1972 (Pub. Feb 28, 1973)

066813 505 T64
A new anthericolous smut of Caryophyllaceae: Ustilago gausseni n. Sp. [Silene italica]. (Fre) Durrieu, G *Toulouse Soc Hist Natur Bull* 108 (3/4): 433-436. 1972 (Pub. Feb 28, 1973)

066814 505 T64
Calcareous algae (Corallinaceae) of Middle Eocene of maritime Franco-Italian Alps. (Fre) Segonzac, G *Toulouse Soc Hist Natur Bull* 108 (3/4): 506-513. Ref. 1972 (Pub. Feb 28, 1973)

066815 S542.R6U5
New plants in flora of Oltenia. (Rum) Cirtu, D *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 31-34. Ref. Eng. Sum. 1971 (Pub. 1972)

066816 S542.R6U5
Some new or rare plants for flora of Oltenia identified in Bistrita basin, Vilcea district. (Rum) Popescu, G *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 35-42. Map. Ref. 1971 (Pub. 1972)

066817 442.9 L542V
On distribution of Cardamine rivularis Schur in Leningrad Region. (Rus) Spasskaia, N A *Vestn Leningr Univ, Biol* 3: 131-135. Ref. Eng. Sum. 1973

066818 442.9 L542V
Specific flora of environment of Liubytino settlement & town of Kholma, Novgorod Region. (Rus) Shmidt, V M *Vestn Leningr Univ, Biol* 3: 41-52. Ref. Eng. Sum. 1973

066819 442.9 L542V
Karyological characteristics of flora representatives of Leningrad Region. (Rus) Sokolovskaia, A P *Vestn Leningr Univ, Biol* 4: 56-63. Ref. Eng. Sum. Nov 1972

066820 442.9 L542V
On flora & vegetation of Schadput district of Pamirs. (Rus) Ukhacheva, V N *Vestn Leningr Univ, Biol* 4: 64-72. Eng. Sum. Nov 1972

066821 421 Z1
Current system of fungi. [Plant taxonomy]. (Rus) Garibova, L V *Zashch Rast* 1: 36-40. Jan 1973

066822 QL1.Z62
Important event at Antwerp Zoological Garden in 1860. [Agave americana]. (Fre) Frison, E *Zoo Anvers* 38 (3): 158-162. Jan 1973

PLANT ECOLOGY

066823 500 P53
Ecology of annual grass Setaria lutescens on oldfields of Pennsylvania Piedmont. Gregg, W P *Acad Natur Sci Phila Proc* 124: 135-196. Ref. Nov 24, 1972

066824 500 P53
An annual plankton cycle on Chesapeake Bay in vicinity of Calvert Cliffs, Maryland, June 1969 – May 1970. Mulford, R A *Acad Natur Sci Phila Proc* 124: 17-40. Ref. Nov 24, 1972

066825 500 P53
Pollution related structural & functional changes in aquatic communities with emphasis on freshwater algae & Protozoa. Lanza, G R *Acad Natur Sci Phila Proc* 124: 79-127. Ref. Nov 24, 1972

066826 450 AC823
Relationships between structural & functional characteristics in steppe-meadows in Hungary. Precsenyi, I *Acta Bot* 18 (1/2): 155-162. Ref. 1973

066827 385 AG89
Effect of systematic application of symtriazines on cultivated plant associations. (Rus) Spiridonov, IU IA *Agrokhimiia* 2: 118-127. Ref. Feb 1973

066828 511 AK192D
Development of planktonic organisms of an eutrophic reservoir & their interaction with r (Rus) Jankevicius, K *Akad Nauk Litov Ssr Darbai Tr Ser C* 3 (59): 3-22. Ref. Eng. Sum. 1972

066829 470 AR22
General ecology of Canadian Arctic benthic marine algae. Lee, R K S *Arctic* 26 (1): 33-43. Ref. Mar 1973

066830 450 C66
Sociology of Limosella aquatica L. (Ger) Oesau, A *Beitr Biol Pflanz* 48 (3): 377-397. Ref. Eng. Sum. 1972

066831 442.8 B5263
Evolutionary ecology of plants: a review. III. Ecological genetics & life history. Willson, M F *Biologist* 55 (1): 1-12. Ref. Feb 1973

066832 442.8 B5263
Evolutionary ecology of plants. A review. IV. Niches & competition. Willson, M F *Biologist* 55 (2): 74-82. Ref. May 1973

066833 450 EN3B
Microclimatic measurements & ecological observations in alpine belt of Afghan Hindukush. [Vegetation]. (Ger) Breckle, S W *Bot Jahrbucher* 93 (1): 25-55. Ref. Eng. Sum. Mar 19, 1973

066834 450 N85
Forest litter & its significance in biological productivity. (Hun) Papp, L B *Bot Kozlemenyek* 59 (3): 173-180. Ref. Sept 1972 (Pub. Mar 1973)

066835 99.9 B7722
Ecosystem perspectives in forestry. Krajina, V J *Brit Columbia Univ H R Macmillan Lect Forest* 31 P. Ref. 1972

066836 SD13.C35
Succession in unburned subarctic woodlands. Strang, R M *Can J Forest Res Rev Can Rech For* 3 (1): 140-143. Ref. Mar 1973

066837 87 M42
Variations in tree & fruit growth & fruit quality of apples grown under different altitudes. (Jap) Nagasawa, K *Chiba Univ Fac Hort Tech Bull* 20: 1-8. Ref. Eng. Sum. Dec 1972

066838 99.8 EM72
Composition of climatic forest formations in Sierra Leone. Savill, P S *Commonwealth Forest Rev* 52 (1): 57-71. Map. Mar 1973

066839 410 EC7
Edaphic control of plant distribution in White Mountains, eastern California. Marchand, D E *Ecology* 54 (2): 233-250. Ref. Early Spring 1973

066840 QH540.E3
Methods of estimation of productivity of some shrub, dwarf shrub & herbaceous communities in forest tundra. (Rus) Andreiashkina, N I *Ekologiia* 3: 5-12. Ref. 1972

066841 QH540.E3
Ecological features of plants in estuary area of Kuban River. (Rus) Shekhov, A G *Ekologiia* 3: 81-829 1972

066842 QH540.E3
Dynamics of plant ground cover as related to age of tree stand. (Rus) Stiazhkin, V P *Ekologiia* 3: 99-101. 1972

066843 99.8 F71
Dynamics of natural regenration in compartment 319 of Bialowieza National Park. [Trees]. (Pol) Kowalski, M *Folia Forest Pol Ser A Lesnictwo* 20: 93-109. Ref. Eng. Sum. 1972

066844 450 G29
Geobotanical foundations of Middle East. Zohary, M *Geobot Selec* 3 (V. 2): 341-739. Map. Ref. 1973

066845 450 G29
Geobotanical foundations of Middle East. Zohary, M *Geobot Selec* 3 (1): 340 P. Map. 1973

066846 S590.G4
Some vegetation patterns in Republic of Sudan: a discussion. Warren, A *Geoderma* 9 (1): 75-78. Mar 1973

066847 107.6 H68
Ecological studies on permanent pastures in snowy & cold areas of Japan. (Jap) Ito, I *Hokkaido Nat Agr Exp Sta Res Bull* 103: 77-158. Ref. Eng. Sum. Nov 1972

066848 QK95.M3
Data on bioecology of Teucrium species of Caucasus. (Rus) Isaev, IA M *In Materialy po Flore i Sistematike Vysshikh Rastenie Azer Baidzhana* P. 51-63. Ref. 1972

066849 QK95.T38 1972
Migrations of weeds. [Plant ecology]. Baker, H G *In Taxonomy, Phytogeography and Evolution* P. 327-347. Ref. 1972

066850 QK95.T38 1972
Comments on history & ecology of continental European plants. Jager, E J *In Taxonomy, Phytogeography and Evolution* P. 349-362. Map. Ref. 1972

066851 QK95.T38 1972
New approaches to study of disjunctions with special emphasis on American amphitropical desert disjunctions. [Ecosystem]. Solbrig, O T *In Taxonomy, Phytogeography and Evolution* P. 85-100. Ref. 1972

066852 QK1.I53
Review sheet: Rajasthan. [Vegetation]. (Fre) Gaussen, H *Inf Bot Ital* 12, 154 P. Map. Ref. 1972

066853 450 J829
Edaphic factors in species & ecotype differentiation of Sagittaria. Wooten, J W *J Ecol* 61 (1): 151-156. Ref. Mar 1973

066854 450 J829
Brazilian cerrado vegetation: a fertility gradient. Goodland, R *J Ecol* 61 (1): 219-224. Ref. Mar 1973

066855 450 J829
Intensity of spatial pattern in plant communities. Hill, M O *J Ecol* 61 (1): 225-235. Ref. Mar 1973

066856 450 J829
Reciprocal averaging: an eigenvector method of ordination. [Plant ecology. Hill, M O *J Ecol* 61 (1): 237-249. Ref. Mar 1973

066857 450 J829
Primary production & distribution of organic matter & metal elements in two heath ecosystems. [Calluna vulgaris, Erica tetralix, Sweden]. Tyler, G *J Ecol* 61 (1): 251-268. Ref. Mar 1973

066858 450 J829
Effect of species number & type of data on resemblance structure of a phytosociological collection. Orloci, L *J Ecol* 61 (1): 37-46. Mar 1973

066859 450 J829
Studies in numerical analysis of complex rain-forest communities. VI. Models for classification of quantitative data. Williams, W T *J Ecol* 61 (1): 47-70. Ref. Mar 1973

066860 450 J829
Response of grasslands on sugar-limestone in Teesdale to application of phosphorus & nitrogen. Jeffrey, D W *J Ecol* 61 (1): 85-92. Mar 1973

066861 QH7.J6
Inland mangroves & water chemistry, Barbuda, West Indies. Stoddart, D R *J Nat Hist* 7 (1): 33-46. Map. Ref. Jan/Feb 1973

066862 60.18 J82
Influence of chaining pinyon-juniper on net radiation, solar radiation & wind. [Pinus]. Gifford, G F *J Range Manage* 26 (2): 130-133. Ref. Mar 1973

066863 99.9 K993
Studies on circulation of carbon & nitrogen in forest ecosystems. (Jap) Kawahara, T *Kyoto Univ Bull Kyoto Univ Forests* 44: 141-158. Ref. Dec 1972

066864 SD1.L4
Soils of certain biogeocoenoses of arid open woodland in Georgia. (Rus) Svanidze, M A *Lesovedenie* 1: 24-29. Eng. Sum. Jan/Feb 1973

066865 SD1.L4
Formation of macromycetic groupings in pine plantations of different age. (Rus) Burova, L G *Lesovedenie* 1: 38-45. Eng. Sum. Jan/Feb 1973

066866 SD1.L4
Successions of epiphytic lichens in pine forests of Moscow district. (Rus) Biazrov, L G *Lesovedenie* 5: 62-68. Ref. Eng. Sum. 1972

066867 SD1.L4
Seasonal natural phenomena in four neighbour plots in a forest. (Rus) Frish, E V *Lesovedenie* 5: 77-81. Eng. Sum. 1972

066868 SD1.L4
Age & ecological changes in flushing processes of Picea abies Karst. population. (Rus) Veveris, A L *Lesovedenie* 6: 55-60. Ref. Eng. Sum. 1972

066869 QK600.M5
Potentialities & evolutionary preconditions favouring development of ecological group of water Hyphomycetes. (Rus) Dudka, I A *Mikol Fitol* 6 (6): 483-490. Ref. 1972

066870 QK600.M5
Fungi occurring in common plant communities of Taimir Tundra. (Rus) Stepanova, I V *Mikol Fitol* 7 (1): 12-15. 1973

066871 QK600.M5
Mycocoenosis as a component of forest biogeocoenosis. (Rus) Cheremisinov, N A *Mikol Fitol* 7 (1): 34-39. Ref. 1973

066872 331.9 M85
Change of forest cover in certain natural territorial complexes in Moscow Region over a 200-year period. (Rus) Chizhova, V P *Moscow Univ Vestn Ser 5 Geogr* 1: 106-111. Eng. Sum. Jan/Feb 1973

066873 331.9 M85
On fundamental tasks of biogeocenologic study of sandy-desert terrain. [Soils, plant ecology]. (Rus) Gunin, P D *Moscow Univ Vestn Ser 5 Geogr* 1: 76-81. Ref. Eng. Sum. Jan/Feb 1973

066874 331.9 M85
Dynamics of vegetation of internal-drainage basins as an indicator of new tectonic movement. (Rus) Mialo, E G *Moscow Univ Vestn Ser 5 Geogr* 1: 82-90. Ref. Eng. Sum. Jan/Feb 1973

066875 442.9 M854
Working out theoretical problems of plant associations in works of researchers on meadows of USSR. (Rus) Rabotnov, T A *Moscow Univ Vestnik Ser 6 Biol Pochvoved* 6: 43-51. Nov/Dec 1972

066876 442.8 N22
On determining century-old natural trends in development of vegetation of Sakhalin & Iturup islands (Kurile chain). (Rus) Nikol'skaia, V V *Nauch Dokl Vyssh Shk, Biol Nauk* 2: 69-77. 1973

066877 442.8 N22
Pinetum forest type of Tersek pine forest of Kustanai Region. [Forest ecology]. (Rus) Pugachev, P G *Nauch Dokl Vyssh Shk, Biol Nauk* 9: 74-81. Ref. 1972

066878 501 N48
Applied ecological studies of shoreline vegetation at Lakes Manapouri & Te Anau, fiordlandf general introduction. Mark, A F *New Zeal Ecol Soc Proc* 19: 100-101. Map. 1972

066879 501 N48
Applied ecological studies of shoreline vegetation at lakes Manapouri & Te Anau, fiordland. 1. Vegetation of lake Manapouri shoreline. Johnson, P N *New Zeal Ecol Soc Proc* 19: 102-119. Map. Ref. 1972

066880 501 N48
Applied ecological studies of shoreline vegetation at lakes Manapouri & Te Anau, fiorland. 2. lake edge flora – habitats & relations to lake levels. Johnson, P N *New Zeal Ecol Soc Proc* 19: 120-142. Ref. 1972

066881 501 N48
Applied ecological studies of shoreline vegetation at lakes Manapouri & Te Anau, fiordland: 3. Vegetation of lake Te Anau shoreline. Mark, A F *New Zeal Ecol Soc Proc* 19: 143-154. Ref. 1972

066882 501 N48
Applied ecological studies of shoreline vegetation at lakes Manapouri & Te Anau, fiordland. 4. Recommendations. Mark, A F *New Zeal Ecol Soc Proc* 19: 155-157. 1972

066883 501 N48
Distribution & movement of 'reactive' phosphorus through catchments under varied land use. [Soils, vegetation]. White, E *New Zeal Ecol Soc Proc* 19: 163-172. Map. 1972

066884 501 N48
Lakes Manapouri & Te Anau: mires of ManapouriTe Anau lowlands. [Vegetation]. Burrows, C J *New Zeal Ecol Soc Proc* 19: 75-99. Map. Ref. 1972

066885 450 N852
Physiognomy & structure of benthic macrophyte communities on rocky shores in southwestern archipelago of Finland (Seili Islands). Ravanko, O *Nova Hedwigia* 23 (23): 363-403. Map. Ref. 1972

066886 450 N852
Aspicilietum calcareae squamarietosum versicoloris, a new lichen association with habitat in Dolomites from vicinity of Lake of Balaton. (Ger) Galle, L *Nova Hedwigia* 23 (23): 445-448. 1972

066887 279.8 OC3
Habitat conditions & vegetation of peat bog on chalk substartum in reserve Tchorzyno in Mysliborz lake region. (Pol) Jasnowski, M *Ochrona Przyrody* 37: 157-232. Ref. Eng. Sum. 1972

066888 279.8 OC3
Basis & forms of scientific exploration of Bialowieza National Park. (Pol) Falinski, J B *Ochrona Przyrody* 37: 7-55. Map. Ref. Eng. Sum. 1972

066889 20.5 OL8
Morphology & vegetation of peat bogs of Mazurian Lakeland. (Pol) Olkowski, M *Olsztyn Wyzsza Szkola Roln Zeszyty Nauk* Suppl. 13, 79 P. Ref. Eng. Sum. 1972

066890 500 P112
Bunchgrass prairie. George, G *Pacific Discovery* 26 (2): 9-13. Mar/Apr 1973

066891 20.5 P84
Increased intensification of plant production & problem of changes in natural environment. (Pol) Byszewski, W *Postepy Nauk Roln* 19 (5): 71-89. Sept-/Oct 1972

066892 410 Q3
Vegetation of Hoskyn Island & reef. Cribb, A B *Queensland Natur* 20 (4/6): 92-100. Dec 1972

066893 450 R18
Punchcard model for processing data on spectral coefficients of brightness of plant cover. (Rus) Savel'eva, R P *Rastitel Resursy* 9 (2): 280-287. 1973

066894 420 R81
Insect/plant relationship – an evolutionary perspective. Southwood, T R E *Roy Entomol Soc London Symp* 6: 3-30. Ref. 1972

066895 QK1.S32
Notes on terminology & classfication of synanthropic plants; with examples from Czechoslovak flora. [Plants, ecology]. Holub, J *Saussurea* 2: 5-18. Ref. 1971 (Pub. Feb 19, 1972)

066896 451 SCH9
Epiphytic Physcia species (Lichenes) in area of Lake Lugano & on porphyritic rocks. (Ger) Kauffmann, G *Schweiz Bot Ges Ber* 81: 17-18. 1971 (Pub. 1972)

066897 451 SCH9
Nature & manifestation of social relationship between some species of herbaceous plants. (Fre) Besson, J M *Schweiz Bot Ges Ber* 81: 319-397. Ref. Eng. Sum. 1971 (Pub. 1972)

066898 QH3.S37
Epiphytic ferns. (Fre) Tixier, P *Sci Nat* 116: 13-17. Mar/Apr 1973

066899 SB193.C64
Ecological inventory & data storage-retrieval system for Research Ranch. [Arizona]. Bonham, C D *Sci Ser Colo State Univ Range Sci Dep* 14: 1-19. Ref. Nov 1972

066900 SB193.C64
Vegetation mapping by photographic interpretation. [Research Ranch, Arizona]. Gnauck, G *Sci Ser Colo State Univ Range Sci Dep* 14: 19-52. Map. Nov 1972

066901 99.9 B83
Natural populations of cypress in Iran. [Cupressus sempervirens]. (Fre) Mossadegh, A *Soc Roy Forest Belg Bull* 79 (12): 604-610. Eng. Sum. Dec 1972

066902 S542.R6U5
Research on wooded vegetation of Buila Mountains. (Rum) Paun, M *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 21-30. Map. Ref. Eng. Sum. 1971 (Pub. 1972)

066903 S542.R6U5
Studies on some phytocoenoses with Sesleria from Oltenia. (Rum) Malos, C *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 43-54. Ref. 1971 (Pub. 1972)

066904 S542.R6U5
Seasonal variation of some phytocoenoses from Victoria lake (Dolj district). (Rum) Marx, M *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 63-68. Ref. Eng. Sum. 1971 (Pub. 192)

066905 442.9 L542V
Antecology of early-spring ephemeroids of broad-leaved forest. (Rus) Antonova, L A *Vestn Leningr Univ, Biol* 3: 28-35. Ref. Eng. Sum. 1973

066906 99.8 M69
Formation of small mobile stations for surveying sites from point of view of forest ecology for reforestation at high altitudes. (Ger) Cernusca, G *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 96: 137-157. 1972

066907 99.8 M69
Habitat studies on Sonnberg, Sellrain Upper Valley, Tirol. [Plant ecology]. (Ger) Neuwinger, I *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 96: 177-207. Ref. 1972

066908 464.8 Z1
A contribution to investitation of Stemphylium sarciniforme (Cav.) Wilt. Causal organism of leaf spot of red clover. (Cro) Stojanovic, D *Zastita Bilja* 23 (117/118): 101-132. Ref. Eng. Sum. 1972

066909 464.8 Z1
A contribution to investigation of flora of fungi on Pinus heldreichii on mountain Sara. (Cro) Prljincevic, M B *Zastita Bilja* 23 (117/118): 97-100. Eng. Sum. 1972

066910 451 Z83BE
Ecological research on Babadag plateau (Dobruja, Romania). [Vegetation]. (Ger) Donita, N *Zurich Eidgenoss Tech Hochsch Geobot Inst Stiftung Rubel Ber* 41: 12-20. 1972

066911 451 Z83BE
Cold air vegetation in Waagtal (Schwyz). (Ger) Furrer, E *Zurich Eidgenoss Tech Hochsch Geobot Inst Stiftung Rubel Ber* 41: 21-24. Map. 1972

066912 451 Z83BE
Competition study with Centaurea jacea L. And Centaurea augustifolia Schtank. (Ger) Gebert, R *Zurich Eidgenoss Tech Hochsch Geobot Inst Stiftung Rubel Ber* 41: 25-34. Ref. Eng. Sum. 1972

066913 451 Z83BE
Fundamentals concerning taxonomy of plant associations. (Ger) Klotzli, F *Zurich Eidgenoss Tech Hochsch Geobot Inst Stiftung Rubel Ber* 41: 35-47. Ref. Eng. Sum. 1972

066914 451 Z83BE
Vegetation & ecology of a dolina of forest of Grand Risox VD. (Ger) Pfadenhauer, J *Zurich Eidgenoss Tech Hochsch Geobot Inst Stiftung Rubel Ber* 41: 56-73. Ref. Eng. Sum. 1972

PLANT MORPHOLOGY, ANATOMY AND CYTOLOGY

066915 450 AC823
Ultrastructure investigations of Angiospermatophyte pollens from Lower Eocene. Kedves, M *Acta Bot* 18 (1/2): 135-154. Ref. 1973

066916 450 AC823
Leaf anatomical & photosynthetical reactions of Quercus pubescens Willd. to environmental factors in various ecosystems. I. Leaf anatomical reactions. Fekete, G *Acta Bot* 18 (1/2): 59-89. Ref. 1973

066917 64.8 AG84
Spring barley world collection; statistical analysis of morphological characters. (Hun) Janossy, A *Agrobotanika* 13: 13-20. Eng. Sum. 1971 (Pub. 1972)

066918 442.9 AK18
Studies on spontaneous fissures in root tissues of cruciferous seedlings. (Rus) Shnaider, T *Akad Nauk Est Ssr Izv Ser Biol* 21 (3): 223-228. Ref. Eng. Sum. 1972

066919 442.8 AL6
Root systems of squash, muskmelon, watermelon & cucumbers in meadow-bog soils of Kzyl-Orda Region. (Rus) Baltaev, Kh *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 2: 14-21. Mar/Apr 1973

066920 511 AK192D
Fungi of genus Botrytis Micheli in Lithuania 3. Comparative morphologic investigation. (Rus) Sidla, L *Akad Nauk Litov Ssr Darbai Tr Ser C* 3 (59): 31-40. Eng. Sum. 1972

066921 80 AM329
Orchids for beginner. 3. Plant structure & growth habits. Northern, R T *Amer Orchid Soc Bull* 42 (3): 196-205. Mar 1973

066922 75.8 P842
Parenchyma cell growth in potato tubers. I. Defferent tuber regions. Reeve, R M *Amer Potato J* 50 (2): 49-57. Ref. Feb 1973

066923 75.8 P842
Parenchyma cell growth in potato tubers. II. Cell divisions vs. cell enlargement. Reeve, R M *Amer Potato J* 50 (3): 71-78. Ref. Mar 1973

066924 450 AN75
Morphogenesis of Polytrichum formosum leafy gametophyte Hedw. I. Histochemical, histoautoradiographic & cytophotometric studies of vegetative apex. (Fre) *Ann Sci Natur Bot Biol Veg* 13 (1): 19-118. Ref. Eng. Sum. Jan/Mar 1972

066925 450 AN75
Branching in vegetative phase of Tabernaemontana crassa benth. (Apocynaceae). (Fre) Prevost, M F *Ann Sci Natur Bot Biol Veg* 13 (2): 119-127. Eng. Sum. Apr/June 1972

066926 450 AN75
Ascospore germinating pore in genus Podospora Ces. (Fre) Melendez-Howell, L M *Ann Sci Natur Bot Biol Veg* 13 (2): 129-140. Eng. Sum. Apr/June 1972

066927 450 AN75
Origin & development of mustard (Sinapsis alba L.) cotyledonaries & foliar epiderms: Ultrastructural differentiation of stomates. (Fre) Landre, P *Ann Sci Natur Bot Biol Veg* 13 (3): 247-322. Ref. Eng. Sum. July/Sept 1972

066928 450 AN75
Chloroplasts structure & evolution of Euphorbia amygdaloides leaves parasitised by Endophyllum euphorbiae-sylvaticae. (Fre) Orcival, J *Ann Sci Natur Bot Biol Veg* 13 (3): 323-345. Ref. Eng. Sum. July/Sept 1972

066929 450 AN75
Nuclear interactions & growth rhythms of Ascobolus immersus Pers. (Fre) Bareyre, M J *Ann Sci Natur Bot Biol Veg* 13 (3): 347-359. Ref. Eng. Sum. July/Sept 1972

066930 450 C66
Centrifugal androecium of Couroupita guianensis (Lecythidaceae). (Ger) Leins, P *Beitr Biol Pflanz* 48 (3): 313-319. 1972

066931 450 C66
Study of arrangement of pollen in tetrads of Angiospermae based on cytological data. [Sideritis euboea, Corydalis lutea]. (Fre) Huynh, K L *Beitr Biol Pflanz* 48 (3): 321-337. Eng. Sum. 1972

066932 450 C66
Study of mucilage producing seeds & nutlets of Iberis pectinata Boiss., Ruellia strepens L., Ecballium elaterium A. Rich., & Salvia horminum L. (Ger) Grubert, M *Beitr Biol Pflanz* 48 (3): 353-375. Ref. Eng. Sum. 1972

066933 450 C66
Observation of pollens with scanning electron microscopy. (Fre) Visset, L *Beitr Biol Pflanz* 48 (3): 413-423. 1972

066934 450 C66
Foliar venation & laticifers in Jatropha gossypifolia. Kakkar, L *Beitr Biol Pflanz* 48 (3): 425-432. 1972

066935 450 B52
DNA synthesis during development of adventive embryos of wild carrot. Wochok, Z S *Biol Plant* 15 (2): 107-111. 1973

066936 450 B52
Morphogenesis of green buds in gramma-irradiated leaf & stem explants of 'aurea' chlorophyll mutant Nicotiana tabacum L. [Tobacco]. Opatrny, Z *Biol Plant* 15 (2): 129-131. Ref. 1973

066937 442.8 B5264
Culture of plant protoplasts. [Tomatoes]. (Jap) Nakano, H *Biol Sci* 24 (2): 85-90. Ref. Sept 1972

066938 450 B652
Vascular anatomy of node & flower of Hoppea dichotoma Willd. Kshetrapal, S *Bot Gaz* 134 (1): 1-4. Ref. Mar 1973

066939 450 B652
Structure & seasonal development of secondary phloem in Pinaceae. [Larix laricina, Abies balsamea, Picea mariana]. Alfieri, F J *Bot Gaz* 134 (1): 17-25. Ref. Mar 1973

066940 450 B652
Anatomy of caryopsis coat in mature caryospses of yellow foxtail grass (Setaria lutescens). Rost, T L *Bot Gaz* 134 (1): 32-39. Ref. Mar 1973

066941 450 B652
Welwitschia mirabilis: morphology of seedling. Butler, V *Bot Gaz* 134 (1): 52-59. Ref. Mar 1937

066942 450 B652
Welwitschia mirabilis: vascularization of a four-week-old seedling. Butler, V *Bot Gaz* 134 (1): 59-63. Ref. Mar 1973

066943 450 B652
Welwitschia mirabilis: vascularization of a one-year-old seedling. Butler, V *Bot Gaz* 134 (1): 63-73. Ref. Mar 1973

066944 450 B652
Carpelloid stamens in Rubus trivialis Michx. [Abnormalities]. Shealy, H E *Bot Gaz* 134 (1): 77-87. Ref. Mar 1973

066945 450 B652
A considerably improved method for preparing plastic epidermal imprints. [Plants]. Williams, J A *Bot Gaz* 134 (1): 87-91. Ref. Mar 1973

066946 451 L64J
Variability in Prosopis farcata in Israel: anatomical features of seed. Werker, E *Bot J Linn Soc* 66 (3): 223-232. Ref. Apr 1973

066947 451 L64J
Scanning electron microscopy of silica bodies & other epidermal features in Gibasis (tradescantia) leaf. Stant, M T *Bot J Linn Soc* 66 (3): 233-244. Ref. Apr 1973

066948 451 L64J
Morphology & anatomy of leaves of Bersama abyssinica Fresen. from Kenya & Uganda. Jackson, B P *Bot J Linn Soc* 66 (3): 245-257. Apr 1973

066949 450 EN3B
Floral anatomy of Myrtaceae. 1. Syzygium. Schmid, R *Bot Jahrbucher* 92 (4): 733-489. Ref. Dec 19, 1972

066950 450 EN3B
Arrangement in tetrads of spores of Pteridophyta. (Fre) Huynh, K L *Bot Jahrbucher* 93 (1): 9-24. Ref. Eng. Sum. Mar 19, 1973

066951 451 B76
Fine structure of seven unitunicate pyrenomycete asci. Griffiths, H B *Brit Mycol Soc Trans* 60 (2): 261-271. Ref. Apr 1973

066952 470 C16C
Observations of thraustochytriaceous (Phycomycetes) & labyrinthulid (Rhizopodea) ectoplasmic nets on natural & artificial substrates – an electron microscope study. Perkins, F O *Can J Bot* 51 (2): 485-491. Ref. Feb 1973

066953 470 C16C
Contribution to teratology & fusion problems of honeysuckle. [Lonicera]. (Fre) Vieth, J *Can J Bot* 51 (3): 517-525. Ref. Eng. Sum. Mar 1973

066954 470 C16C
An ultrastructural & Nomarski-interference study of sperms of barley. Cass, D D *Can J Bot* 51 (3): 601-605. Ref. Mar 1973

066955 470 C16C
Megasporogenesis & megagametogenesis in Pelargonium x hortorum. Tsai, A H *Can J Bot* 51 (3): 607-612. Ref. Mar 1973

066956 470 C16C
Levels of polyploidy in four vegetation types of southwestern British Columbia. [Plant cytogeography]. Pojar, J *Can J Bot* 51 (3): 621-628. Ref. Mar 1973

066957 470 C16C
Ultrastructure of conidiogenesis in Drechslera sorokiniana. Cole, G T *Can J Bot* 51 (3): 629-638. Ref. Mar 1973

066958 470 C16C
Floral development of Potamogeton densus. Posluszny, U *Can J Bot* 51 (3): 647-656. Mar 1973

066959 470 C16C
Studies in Arundinelleae (Graminaeae). Xv. Taximetrics of leaf anatomy. Li, Y H C *Can J Bot* 51 (3): 657-680. Ref. Mar 1973

066960 SD13.C35
Predictability of shoot length from bud size in Pinus resinosa Ait. Kizlowski, T T *Can J Forest Res Rev Can Rech For* 3 (1): 34-38. Ref. Mar 1973

066961 SD13.C35
Some histolocigal features of Acer saccharum wood formed after wounding. Sharon, E M *Can J Forest Res Rev Can Rech For* 3 (1): 83-89. Mar 1973

066962 450 C16
Teratological stamens in flowers of Triticale. Fisher, J E *Can J Plant Sci* 53 (1): 61-63. Jan 1973

066963 450 C16
Developmental morphology of inflorescnece in hexaploid wheat cultivars with & without cultivar Norin 10 in their ancestry. Fisher, J E *Can J Plant Sci* 53 (1): 7-15. Ref. Jan 1973

066964 451 C16
Floral apparatus of Sarcolaenaceae & notion of angiocarpy. (Fre) Koechlin, J *Candollea* 27 (2): 171-179. Eng. Sum. 1972

066965 451 C16
Chromosome numbers of African & Malagasy species. [Plant cytology]. (Fre) Miege, J *Candollea* 27 (2): 283-292. Ref. Eng. Sum. 1972

066966 442.8 C46
Differential quinacrine & giemsa staining of metaphase chromosomes of Cypripedium debile. (Ger) Yamasaki, N *Chromosoma* 41 (4): 403-412. Ref. Eng. Sum. 1973

066967 442.8 C46
Accessory nucleoli in microsporocytes of hybrid Phlox. [Pilosa]. Levin, D A *Chromosoma* 41 (4): 413-4209 ref. 1973

066968 22.5 C88
Proliferation & properties of rice cells subcultural in a liquid medium. Maeda, E *Crop Sci Soc Japan Proc* 42 (1): 110-115. Ref. Mar 1973

066969 475 SCI23
Meiosis in Spironema fragrans lindle. Gupta, P P *Cur Sci* 42 (8): 291-292. Apr 20, 1973

066970 475 SCI23
Hermaphrodite flowers in Euphorbiaceae: Cicca acida (L.) Merr. Rao, C K *Cur Sci* 42 (8): 295. Apr 20, 1973

066971 QH573.C9
Monad pollen development: nuclear responses to a cytoplasmic polarity. Ford, J H *Cytobios* 6 (24): 247-254. Dec 1972

066972 512 SO2
Anatomic structure of involucre of capitula of Xeranthemum annuum L. Karagyozova, M D *Dokl Bolg Akad Nauk* 25 (10): 1407-1410. 1972

066973 QH540.E3
Dependenance of morphologic features of polyporous fungi on zonality & their distribution in vegetation belts. (Rus) Stepahova, N T *Ekologiia* 3: 13-19. 1972

066974 450 EU6
Expression of andromonoecy in coriander, Coriandrum sativum L. Singh, V P *Euphytica* 22 (1): 181-188. Ref. Mar 1973

066975 450 EU6
Meiosis in triploid Solanum tuberosum L. [Potatoes]. Lange, W *Euphytica* 22 (1): 8-18. Ref. Mar 1973

066976 475 EX7
Comparative cytological study after prolonged cultural regime of bacterai-free crown gall tumour & its corresponding normal tissue of Althaea rosea isolated from same plant. Gupta, S *Experientia* 29 (3): 320-321. Mar 15, 1973

066977 475 EX7
Ultrastructure of epihyphal rhizoids in Allomyces arbusculus. Turian, G *Experientia* 29 (4): 493-496. Apr 15, 1973

066978 SB123.A1G4
Cytoembryologic study of Festuca pratensis Huds., Alopecurus pratensis L., Holcus lanatus L. & agrostis vulgaris With. (Bul) Terziiski, D *Gen Selek* 6 (1): 45-57. Ref. Eng. Sum. 1973

066979 464.8 G33
Virus infection & chimeras of Ligustrum vulgare. (Ger) Hardtl, H *Gesunde Pflanzen* 25 (2): 32-35. Ref. Feb 1973

066980 99.9 H68
Effect of age on density variation within one stem of Quercus crispula. (Jap) Fukazawa, K *Hokkaido Univ Coll Exp Forests Res Bull* 29 (2): 171-188. Ref. Dec 1972

066981 99.9 H68
Number & distribution of pits on one tracheid, & their variation in a trunk of Todo-matsu (Abies sachalinensis Fr. Schim.). (Jap) Takizawa, T *Hokkaido Univ Coll Exp Forests Res Bull* 29 (2): 189-205. Ref. Eng. Sum. Dec 1972

066982 99.9 H68
Study on wood formation in trees. III. Occurrence of overwintering cells in cambial zone in several ring-porous trees. [Kalopanax pictus]. (Jap) Imagawa, H *Hokkaido Univ Coll Exp Forests Res Bull* 29 (2): 207-221. Ref. Eng. Sum. Dec 1972

066983 QK95.M3
Morphological features of seedlings of some species of Plantago in Azerbaijan. (Aze) Kazanfarova, V K *In Materialy po Flore i Sistematike Vysshikh Rastenie Azer Baidzhana* P. 125-135. 1972

066984 QK95.M3
Pollen morphology of genera of subtribe Hypochaerinae of Cichorieae tribe (Compositae). (Rus) Askerova, R K *In Materialy po Flore i Sistematike Vysshikh Rastenie Azer Baidzhana* P. 26-40. 1972

066985 464.8 IN2
Morphology of spore forms & heteroecism in Puccinia agrophila. Patil, B V *Indian Phytopathol* 25 (2): 205-209. June 1972

066986 464.8 IN2
Anatomical studies on abnormal growth caused by Photomycopsis ajmeriensis on sesbania aculeata. Rao, C G P *Indian Phytopathol* 25 (3): 449-454. Sept 1972

066987 448.3 J82
Electron micrography of bud formation in Metscnikowia krissii. Talens, L T *J Bacteriol* 114 (1): 413-423. Ref. Apr 1973

066988 442.8 J828
Octahedral crystals in Phycomyces [blakesleeamus]. II. Ootaki, T *J Cell Biol* 57 (2): 278-288. Ref. May 1973

066989 442.8 J828
Ultrastructural organization of chloroplast thylakoids of green alga Oocystis marssonii. Pendland, J C *J Cell Biol* 57 (2): 306-314. Ref. May 1973

066990 442.8 J829
Morphogenesis in cellular slime mould Dictyostelium discoideum; formation & regulation of agregate tips & specification of developmental axes. Farnsworth, P *J Embryol Exp Morphol* 29 (2): 253-266. Ref. Apr 1973

066991 450 J8224
Nucleolar & nuclear envelope ultrastructure in relation to cell activity in discs of carrot root (Daucus carota L.). Jordan, E G *J Exp Bot* 24 (78): 197-209. Ref. Feb 1973

066992 QH201.J6
Compared ontogeny of two types of chloroplasts of Zea mays. [Corn]. Brangeon, J *J Microsc* 16 (2): 233-242. Ref. Feb 1973

066993 450 J8262
Observation on staining of pectic substances as extracts & in transfusion tracheids of Welwitschia. Bean, J E *J S Afr Bot* 39 (1): 23-33. Jan 1973

066994 450 J8262
Flagella of Cyanophora paradoxa Korsch. Thompson, A *J S Afr Bot* 39 (1): 35-39. Ref. Jan 1973

066995 64.8 J27
Studies on pattern of organ development in rice plant. II. Internode distribution pattern in relation of number to elongated internodes. (Jap) Takeda, K *Jap J Breed* 23 (1): 7-14. Ref. Eng. Sum. Feb 1973

066996 SD1.L4
Anatomical structure of young growth leaves related to light intensity. [Forest trees]. (Rus) Malkina, I S *Lesovedenie* 1: 58-63. Ref. Eng. Sum. Jan/Feb 1973

066997 SD1.L4
A regularity of individual variation of quantitative indices of birch. [Betula verrucosa, Betula litwinowii, Betula raddeana]. (Rus) Magomedmirzaev, M M *Lesovedenie* 5: 22-32. Ref. Eng. Sum. 1972

066998 QK600.M5
Peculiarities of oospore formation in Plasmopara viticola (Berk. et Curt.) Berl. et de T. (Rus) Nikolaev, A N *Mikol Fitol* 7 (1): 8-11. Ref. 1973

066999 105.9 K696
Age-determined changes in anatomic structure of old axillary organs of grapes. (Ger) Rjabtschun, O P *Mitt Rebe Wein Obstbau Fruchteverwert* 22 (6): 391-396. Eng. Sum. Nov 1972

067000 450 M75
Fruit morphology & anatomy in Scutellaria, Chaiturus, Galeobdolon, & Sideritis of family Labiatae. (Pol) Wojciechowska, B *Monogr Bot* 37: 137-169. Ref. Eng. Sum. 1972

067001 450 M75
Systematic studies on morphology & anatomy of caryopsis of Poa L. species in Poland. (Pol) Rudnicka-Sterna, W *Monogr Bot* 37: 51-136. Ref. Eng. Sum. 1972

067002 442.9 M854
Microspore genesis in Juncus & Luzula. (Rus) IAroshevskaia, A S *Moscow Univ Vestnik Ser 6 Biol Pochvoved* 6: 83-85. Eng. Sum. Nov/Dec 1972

067003 442.9 M854
Pollen of Ephedra, Welwitschia & Gnetum. (Rus) Bernard, V V *Moscow Univ Vestnik Ser 6 Biol Pochvoved* 6: 86-88. Ref. Eng. Sum. Nov/Dec 1972

067004 442.9 M854
On structure of root systems of basic dominant vegetation of Kul'dzhuktau Mountains. (Rus) Al'-Audat, M *Moscow Univ Vestnik Ser 6 Biol Pochvoved* 6: 94-99. Ref. Eng. Sum. Nov/Dec 1972

067005 450 M99
Formation of hyphae & chlamydospores by Cryptococcus laurentii. Kurtzman, C P *Mycologia* 65 (2): 388-395. Ref. Mar-/Apr 1973

067006 450 M99
Nuclear cycle & terminology of spore states in Uredinales. Hiratsuka, Y *Mycologia* 65 (2): 432-443. Ref. Mar/Apr 1973

067007 442.8 N22
Morphological & biochemical characteristics of population of Senecio platyphylloides Somm. et Lev. within Adzhar-Imeretian Range & Arsian & Trialet Range. (Rus) Lozap', R A *Nauch Dokl Vyssh Shk, Biol Nauk* 5: 74-81. 1972

067008 442.8 N22
Shoot formation & morphology of Astragalus macropodium Lipsky. (Rus) Mikhailova, T D *Nauch Dokl Vyssh Shk, Biol Nauk* 6: 49-54. Ref. 1972

067009 442.8 N22
Biology of development of generative rose buds of floribund a group. (Rus) Klimenko, Z K *Nauch Dokl Vyssh Shk, Biol Nauk* 6: 55-61. Ref. 1972

067010 450 N42
Cell division & wall structure in Microspora. Pickett-Heaps, J *New Phytol* 72 (2): 347-355. Ref. Mar 1973

067011 450 N42
Development & fine structure of ascus apex & its role during spore discharge in Xylaria longipes. Beckett, A *New Phytol* 72 (2): 357-369. Ref. Mar 1973

067012 450 N42
Structural & physiological studies on parasitic red alga Holmsella. [Gracilaria verrucosa, Holmsella pachyderma]. Evans, L V *New Phytol* 72 (2): 393-402. Ref. Mar 1973

067013 450 N852
History of development of cell net of Leskeaceae & Thuidiaceae (Musci). (Ger) Frey, W *Nova Hedwigia* 23 (1): 161-168. Eng. Sum. 1972

067014 450 N852
Problem of reduction of cell size during diatom cell division. Round, F E *Nova Hedwigia* 23 (2/3): 291-303. Ref. 1972

067015 450 N852
Isogamus hologamy in genus Mallomonas Perty. (Ger) Wawrik, F *Nova Hedwigia* 23 (2/3): 353-362. Ref. Eng. Sum. 1972

067016 450 N852
Acridine orange staining & iodine quartz fluorescent microscopy in Dictyostelium discoideum. Sinha, U *Nova Hedwigia* 23 (23): 405-408. 1972

067017 450 N852
Morphology & development of a new alga, Haloplegma anwerii (Ceramiaceae) from Karachi Coast. Shameel, M *Nova Hedwigia* 23 (23): 433-4449 1972

067018 450 N852
Formation of girdle, intercalary bands & septa in diatoms. [Diatomaceae]. Round, F E *Nova Hedwigia* 23 (23): 449-463. Ref. 1972

067019 475 P174
Megasporogenesis & development of embryo sac in Withania somnifera. Aziz, P *Pakistan J Sci Indus Res* 15 (3): 196-198. June 1972

067020 450 P564
Geotropic curvatures in roots of cress (Lepidium sativum). Iversen, T H *Physiol Plant* 28 (2): 332-340. Ref. 1973

067021 442.8 P83
Ontogeny of cellular organites during differentiation of floral pieces of Ophrys lutea Cav. (Orchidaceae). (Fre) Salome S Pais, M *Port Acta Biol Ser A* 12 (3/4): 125-253. Ref. 1972

067022 442.8 P83
Fine structure of green & white leaves of Phyllanthus nivosus Bull. Salema, R *Port Acta Biol Ser A* 12 (3/4): 255-266. Ref. 1972

067023 442.8 P83
On birefringency of chloroplasts in higher plants: Convergence of results found by use of polarizing, light & electron microscopes. Rezende-Pinto, M C de *Port Acta Biol Ser A* 12 (3/4): 267-270. Ref. 1972

067024 442.8 P94
Structure & development of sieve areas in leaf veins of Welwitschia. Evert, R F *Protoplasma* 76 (1): 23-34. Ref. 1973

067025 442.8 P94
Intranuclear inclusions in cells of fasciated stems of Forsythia sp. (Fre) Codaccioni, M *Protoplasma* 76 (3/4): 283-287. Ref. Eng. Sum. 1973

067026 442.8 P94
Ultrasturcture of growing regions of aerial hyphae of Rhizopus sexualis (Smith) Callen. Syrop, M *Protoplasma* 76 (3/4): 309-314. Ref. 1973

067027 442.8 P94
Structure & development of a genetic tumour of pea. Burgess, J *Protoplasma* 76 (3/4): 315-325. Ref. 1973

067028 442.8 P94
Reassembly of an Acetabularia mediterranea cell from nucleus, cytoplasm, & cell wall. Pressman, E K *Protoplasma* 76 (3/4): 327-332. Ref. 1973

067029 442.8 P94
Ultrastructure of plasmalemma-bodies in Marchantia polymorpha L. (Ger) Volker, H *Protoplasma* 76 (3/4): 353-361. Ref. Eng. Sum. 1973

067030 442.8 P94
Ethidium bromide & its effeect on nuclear membrane cycle. [Onions]. Torre, C de la *Protoplasma* 76 (3/4): 363-371. Ref. 1973

067031 442.8 P94
Lipid composition of Acetabularia mediterranea (Lamour.): Variations during cap morphogensis. Dubacq, J P *Protoplasma* 76 (3/4): 373-385. Ref. 1973

067032 442.8 P94
Fine structure of chloroplast envelope of a red alga. Bangia fusco-purpurea. Bisalputra, T *Protoplasma* 76 (3/4): 443-454. Ref. 1973

067033 442.8 P94
Limitations in chloroplast multiplication in Acetabularia mediterranea. Driessche, T V *Protoplasma* 76 (3/4): 465-472. Ref. 1973

067034 442.8 R326
Anatomy of leaf of known species of rosewood. IX. Cytomorphology of upper & lower epidermis of Aniba terminalis Ducke (Lauraceae). (Por) Vattimo, I de *Rev Brasil Biol* 32 (2): 139-146. Ref. Eng. Sum. Aug 1972

067035 451 SCH9
Differentiation of sclereids in Pyrus communis. Morphological, anatomical & histochemical studies. [Pears]. (Ger) Hauptli, F *Schweiz Bot Ges Ber* 81: 273-319. Ref. 1971 (Pub. 1972)

067036 451 SCH9
Form of gynoecium of Pittosporum tobira. (Ger) Schaeppi, H *Schweiz Bot Ges Ber* 81: 40-51. Ref. 1971 (Pub. 1972)

067037 451 SCH9
Stuides in family Saxifragaceae. VI. Structure & development of gametophyte in Deutzia corymbosa R. Br. & Dichroa febrifuga Lour. Saxena, N P *Schweiz Bot Ges Ber* 81: 91-96. Ref. 1971 (Pub. 1972)

067038 470 SCI25
Roots. [Plant]. Epstein, E *Sci Amer* 228 (5): 48-55, 58. May 1973

067039 S13.S44
Cytoembryological study of rye plants pollinated with wheat pollen. (Rus) Riabinina, M I *Sel'skokhoz Biol* 8 (1): 21-24. Eng. Sum. Jan/Feb 1973

067040 S13.S44
State & tasks of morphophysiology of plants. (Rus) Volodarskii, N I *Sel'skokhoz Biol* 8 (1): 3-9. Ref. Eng. Sum. Jan/-Feb 1973

067041 S13.S44
Absorbing activity of root in connection with anatomo-morphological differentiation of its surface cells. (Rus) Potapov, N G *Sel'skokhoz Biol* 8 (1): 49-56. Ref. Eng. Sum. Jan/Feb 1973

067042 S13.S44
Role of structural organization of protoplast in Phylloxera-resistance of grapes. (Rus) Kligerman, I I *Sel'skokhoz Biol* 8 (1): 57-61. Ref. Eng. Sum. Jan/Feb 1973

067043 QK1.S6
Morphological & anatomical considerations of grass subfamily Bambusoideae based on new genus Maclurolyra. Calderon, C E *Smithson Contrib Bot* 11, 55 P. Ref. 1973

067044 QH491.S66
Structure of mitochrondria in etiolated pea stem cells at various stages of elongation. Paramonova, N V *Sov J Develop Biol* 3 (1): 80-86. Ref. Jan/Feb 1972 Transl 1973

067045 450 F58AE
Ultrastructure of root mitochondria under conditions of anoxia & increased temperatures. Vartapetyan, B B *Soviet Plant Physiol* 19 (5): 944-949. Ref. Sept/Oct 1972 Transl 1973

067046 442.8 ST1
Meiotic cells in situ of Lilium longiflorum as seen with scanning electron microscope. Shull, J K *Stain Technol* 48 (1): 29-32. Jan 1973

067047 QK1.I52
Bibliographic index to pollen morphology of angiosperms. (Fre) Thanikaimoni, G *Trav Sect Sci Tech, Inst Fr Pondichery* 12 (1):, 339 P. Eng. Sum. 1972

067048 QH573.T75
Mitotic activity, genome & chromosome variation in cells of apple tree tissue culture. (Rus) Ravkin, A S *Tsitol Genet* 7 (1): 33-36. Eng. Sum. Jan/Feb 1973

067049 QH573.T75
Cytological investigation of endosperm in two onion species (Allium cepa L. And Allium eistulosum L.). (Rus) Sokolov, I D *Tsitol Genet* 7 (1): 73-76. Ref. Eng. Sum. Jan/Feb 1973

067050 442.8 T78
Cytonuclear ratio variations in epidermis cells & seeds of micropyle part in cotton ovule in process of cell differentiation. (Rus) Vlasova, N A *Tsitologiya* 15 (3): 267-275. Ref. Eng. Sum. Mar 1973

067051 QH301.U5
Morphology & anatomy of rhizomes of some Burmese Curcuma species. Ngwe, T M *Union Burma Life Sci J* 4 (3): 419-465. Ref. Sept 1971 (Pub. 1972)

067052 S542.R6U5
Study on froliated epidermis in several psamophytes of Oltenia cultivated in different conditions. (Rum) Simeanu, V *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 55-61. Ref. Eng. Sum. 1971 (Pub. 1972)

067053 442.9 L542V
Leaf structure of Ziziphora clinopodioides Lam. in relation to age of shoot & plant. (Rus) Vasilevskaia, V K *Vestn Leningr Univ, Biol* 4: 48-55. Ref. Eng. Sum. Nov 1972

067054 442.9 L542V
Karyological characteristics of flora representatives of Leningrad Region. (Rus) Sokolovskaia, A P *Vestn Leningr Univ, Biol* 4: 56-63. Ref. Eng. Sum. Nov 1972

067055 442.8 M66
Light-optical & electron microscopic study of formation of tapetal tissue of sugar beet anthers. (Bel) Kuptsou, M S *Vestsi Akad Navuk BSSR, Ser Biial Navuk* 6: 59-65. Ref. 1972

067056 20 V82
Effect of agrophysical properties & soil nutrition conditions on morphological, anatomical & physiological features of sugar beets & its productivity. (Ukr) Kilomiiets',a P *Visnyk Sil's'kohospodar Nauk* 1: 59-67. Ref. Jan 1973

067057 18 J825
Suitability of lodiculae as a quantitative criterion for differentiation between barley cultivars according to grain characters. (Ger) Munzer, W *Z Acker& Pflanz* 136 (4): 290-301. Ref. Eng. Sum. Dec 1972

067058 451 Z83BE
Cytological, embryological observations of Taraxacum species from section Vulgaria Dahlst. in Switzerland. (Ger) Muller, U *Zurich Eidgenoss Tech Hochsch Geobot Inst Stiftung Rubel Ber* 41: 48-55. Ref. Eng. Sum. 1972

067059 508 Z8
Effect of dorsiventrality on formation of wood rays in branch of Abies alba Mill. (Ger) Kurcera, L *Zurich Naturforsch Ges Vierteljahrsschr* 117 (4): 305-313. Eng. Sum. Dec 1972

PLANT GENETICS AND BREEDING

067060 450 AC823
Sexual correlation in self-compatible & self-incompatible varieties of some Prunus. Suranyi, D *Acta Bot* 18 (1/2): 179-185. Ref. 1973

067061 64.8 AG84
Discriminant analysis applied in variety collection on overlapping quantitative characters. [Barley]. (Hun) Svab, J *Agrobotanika* 13: 21-29. Eng. Sum. 1971 (Pub. 1972)

067062 64.8 AG84
Investigations on effects of selection within sweet sorghum variety collection. (Hun) Banyai, L *Agrobotanika* 13: 45-51. Eng. Sum. 1971 (Pub. 1972)

067063 64.8 AG84
Studies on wheat world collection for selection of initial breeding material, with special regard to life form. (Hun) Mesch, J *Agrobotanika* 13: 5-11. Ref. Eng. Sum. 1971 (Pub. 1972)

067064 64.8 AG84
Induction of autotetraploids of Lolium perenne L., Lolium multiflorum Lam., Lolium multiflorum Lam. var. westerwoldicum (Mansh.) Wittm. & Festuca pratensis Huds. by various methods of colchicine treatment. (Hun) Heszky, L *Agrobotanika* 13: 53-67. Ref. Eng. Sum. 1971 (Pub. 1972)

067065 64.8 AG84
Species crosses within & between Lolium & Festuca genera. II. Investigations on intergeneric hybrids. (Hun) Heszky, L *Agrobotanika* 13: 69-77. Ref. Eng. Sum. 1971 (Pub. 1972)

067066 64.8 AG84
Comparative studies of cucumber hybrid Kecskemeti 114 F1 & variety Hokus. (Hun) Papp, E *Agrobotanika* 13: 87-94. Eng. Sum. 1971 (Pub. 1972)

067067 4 AM34P
Laborartory evaluation of qaulity in subtropical grasses: iI. Genetic variation among Hemarthrias [Altissima] in in vitro digestion & stem morphology. Schank, S C *Agron J* 65 (2): 256-258. Ref. Mar/Apr 1973

067068 442.9 AK18
Influence of presowing treatment of M2 seeds with hydrochloric hydrazine on manifestation of mutations induced by other chemicals. [Barley]. (Rus) Shangin-Berezovsky, G *Akad Nauk Est Ssr Izv Ser Biol* 21 (2): 161-165. Eng. Sum. 1972

067069 442.9 AK18
Cytogenetic effects of gamma-irradiation & ethylene imine treatment on seeds of oil-rape. (Rus) Shnaider, T *Akad Nauk Est Ssr Izv Ser Biol* 21 (2): 184-186. 1972

067070 442.9 AK18
Cytogenetic effects of postirradiational treatment of broadbean with water extracts of different cruciferous seeds. Mayer, M *Akad Nauk Est Ssr Izv Ser Biol* 21 (3): 260-262. 1972

067071 442.9 AK18
About some abnormalities of microsporogenesis in hybrid progeny recieved from crossing spring wheat mutant & initial variety. (Rus) Shnaider, T *Akad Nauk Est Ssr Izv Ser Biol* 21 (4): 335-339. Ref. Eng. Sum. 1972

067072 442.9 AK18
On effectivity of selection in post-irradiation populations of summer barley. 1. Selection in populations grown in M1 under different conditions of nitrogen nutrition. (Rus) Orav, T *Akad Nauk Est Ssr Izv Ser Biol* 21 (4): 340-347. Eng. Sum. 1972

067073 442.9 AK18
Effectiveness of selection in postirradiated populations of summer barley. II. Selection in populations subjected to combined treatment with gamma-rays & ethyl.neimine. (Rus) Orav, T *Akad Nauk Est Ssr Izv Ser Biol* 22 (1): 48-57. Eng. Sum. 1973

067074 97.31 AM32
Chromosomal chimeras of camellias 'Fragrant Pink' produced by colchicine treatment. Ackerman, W L *Amer Camellia Yearbook* P. 49-58. Ref. 1973

067075 97.31 AM32
Progeny analysis of scented camellia hybrids. Ackerman, W L *Amer Camellia Yearbook* P. 58-68. 1973

067076 97.31 AM32
Interspecific hybridization of camellias with particular reference to fragrance. Cutter, R K *Amer Camellia Yearbook* P. 68-72. 1973

067077 14 F8499A
Genotypical structure of a panmictically multiplied autotetraploid hybrid. II. Data for generalization. [Plants]. (Fre) Guy, P *Ann Amelior Plantes* 22 (3): 239-261. Ref. Eng. Sum. 1972

067078 14 F8499A
Genetical aspect of beta-amylase activities in wheat grain. (Fre) Joudrier, P *Ann Amelior Plantes* 22 (3): 263-279. Ref. Eng. Sum. 1972

067079 14 F8499A
A new method of breeding Witloof chicory. (Fre) Huyskes, J A *Ann Amelior Plantes* 22 (3): 301-309. Eng. Sum. 1972

067080 450 AN75
Pleiotropic effects of genes controlling reproductive processes in Penicillium baarnense (Van Beyma). (Fre) Parisot, D *Ann Sci Natur Bot Biol Veg* 13 (1): 1-18. Ref. Eng. Sum. Jan/Mar 1972

067081 SB123.A7
Mutation experiments with barley. Ii. influence of application & after treatment methods on effect of isopropyl methane sulfonate. (Ger) Krausse, G W *Arch Zuchtungsforsch* 2 (4): 279-298. Ref. Eng. Sum. 1972

067082 SB123.A7
Problems & results & monocarpous tetraploid sugar beet breeding. (Ger) Rostel, H J *Arch Zuchtungsforsch* 2 (4): 299-310. Ref. Eng. Sum. 1972

067083 SB123.A7
Studies on sugar beet breeding for performance under different ecological conditions. (Ger) Zinecker, M *Arch Zuchtungsforsch* 2 (4): 311-325. Ref. Eng. Sum. 1972

067084 SB123.A7
Studies on reaction norm of idiotypes presented by example of lohlrabi tuber growth. (Ger) Claus, S *Arch Zuchtungsforsch* 2 (4): 327-342. Eng. Sum. 1972

067085 SB123.A7
Chromosome competition for same positions in interphase associations a possible cause of asynapsis in Triticale. (Ger) Pohler, W *Arch Zuchtungsforsch* 2 (4): 343-350. Ref. Eng. Sum. 1972

067086 QH301.B3
Genetic analysis of regulator mutation trp-2e in Neurospora crassa. Turner, J R *AEC Res Devel Rep Battelle Pac Northwest Lab* 1 (1): 47-49. Sept 1972

067087 QR73.B5
Aspects of biochemistry & ultrastructure of a cytoplasmically inherited plastid defect (Dpl) of tobacco. Shumway, L K *Biochem Genet* 8 (3): 271-280. Mar 1973

067088 451 B76
Genetical evidence on life-history of Phytophthora. [Cactorum]. Elliott, C G *Brit Mycol Soc Trans* 60 (2): 311-316. Ref. Apr 1973

067089 S13.B7
Trend to inherit activities of certain enzymes observed in early stages of growth in self-pollinating lines & single-cross hybrids of maize. (Cze) Marsalek, L *Brno Acta Univ Agr Fac Agron* 20 (2): 211-217. Ref. Eng. Sum. 1972

067090 S13.B7
Differences in enzymatic activities with genotypes of self-pollinating lines & single-cross hybrids of maize at late stages of ontogenesis. (Cze) Marsalek, L *Brno Acta Univ Agr Fac Agron* 20 (2): 219-225. Ref. Eng. Sum. 1972

067091 68.8 C112
Introduction to genetic study of Mascarocoffea: New determinations of their chromosome number. [Coffee]. (Fre) Louarn, J *Cafe Cacao The* 16 (4): 312-316. Ref. Eng. Sum. Oct/Dec 1972

067092 470 C16C
Differential effects of cholesterol in mating thalli of Pythium sylvaticum & Phytophthora capsici. Pratt, R G *Can J Bot* 51 (3): 595-599. Ref. Mar 1973

067093 443.8 C16
Significance of meiotic chromosome pairing in tetraploid (2n 28) Bromus pumpellianus Scribn. ssp. dicksonii. Armstrong, K C *Can J Genet Cytol* 14 (4): 763-771. Ref. Dec 1972

067094 450 C16
Influence of cytoplasmic effects on some agronomic characters in corn. Baynes, R A *Can J Plant Sci* 53 (1): 101-104. Jan 1973

067095 450 C16
Production of hybrid seed in grasses under isolation cages. [Dactylis glomerata]. Christie, B R *Can J Plant Sci* 53 (1): 135-136. Jan 1973

067096 450 C16
Maternal effects on oleic, linoleic acid content of rapeseed oil. Thomas, P M *Can J Plant Sci* 53 (1): 221-225. Ref. Jan 1973

067097 450 C16
Haploid frequencies in Brassica napus. [Rape]. Stringam, G R *Can J Plant Sci* 53 (1): 229-231. Jan 1973

067098 450 C16
Trent barley. [Breeding]. Reinbergs, E *Can J Plant Sci* 53 (1): 65-66. Jan 1973

067099 442.8 C46
U-type exchange in tulip meiosis. [Tulipa hageri]. Couzin, D A *Chromosoma* 41 (4): 421-436. Ref. 1973

067100 77.9 IN292
Genetic improvement of west coast tall palms for higher copra output. Thampan, P K *Coconut Bull* 3 (9): 2-6. Jan 1973

067101 64.8 C883
Diallel analysis of resistance of corn (Zea mays L.) to corn stunt. [Virus]. Nelson, L R *Crop Sci* 13 (2): 162-164. Ref. Mar/Apr 1973

067102 64.8 C883
Combining ability in durum wheat: i. Agronomic characteristics. [Heterosis]. Widner, J N *Crop Sci* 13 (2): 164-167. Ref. Mar/Apr 1973

067103 64.8 C883
Prediction of reactions to maize dwarf mosaic virus in double-cross hybrids based upon single-cross reaction. [Host-plant resistance]. Zuber, M S *Crop Sci* 13 (2): 172-175. Mar/Apr 1973

067104 64.8 C883
Diallel analysis of leaf area heterosis & relationships to yield in maize. Johnson, G R *Crop Sci* 13 (2): 178-180. Mar/Apr 1973

067105 64.8 C883
Inheritance of coleoptile length & culm length in crosses involving Olesen's Dwarf spring wheat. Hoff, J C *Crop Sci* 13 (2): 181-184. Ref. Mar/Apr 1973

067106 64.8 C883
Comparison of efficiencies of selection indices for three traits in two variety crosses of corn. Compton, W A *Crop Sci* 13 (2): 184-186. Ref. Mar/Apr 1973

067107 64.8 C883
Epistasis in maize (Zea mays L.): iII. Significance in predictions of hybrid performances. Stuber, C W *Crop Sci* 13 (2): 195-200. Ref. Mar/Apr 1973

067108 64.8 C883
Heritability of lowest pod height in soybeans. Martin, R J *Crop Sci* 13 (2): 201-203. Ref. Mar/Apr 1973

067109 64.8 C883
Probable genotype of some Triticum aestivum 'agent' derivatives for reaction to Puccinia recondita f. sp. Atritici. [Wheat, rust resistance]. Browder, L E *Crop Sci* 13 (2): 203-206. Ref. Mar/Apr 1973

067110 64.8 C883
Heritabilities of some agronomic characters for interspecific cross of Crambe abyssinica & Crambe hispanica. Meier, V D *Crop Sci* 13 (2): 237-240. Ref. Mar-/Apr 1973

067111 64.8 C883
Breeding behavior of maize-Tripsacum hybrids. Wet, J M J de *Crop Sci* 13 (2): 254-256. Ref. Mar/Apr 1973

067112 64.8 C883
Recurrent selection for specific combining ability for yield in two maize populations. Russell, W A *Crop Sci* 13 (2): 257-261. Ref. Mar/Apr 1973

067113 64.8 C883
Performance & within-hybrid variability of three-way & single crosses of grain sorghum. Walsh, E J *Crop Sci* 13 (2): 267-271. Ref. Mar/Apr 1973

067114 64.8 C883
Northern anthracnose resistance in red clover. [Kabatiella caulivora]. Smith, R R *Crop Sci* 13 (2): 271-273. Mar/Apr 1973

067115 64.8 C883
Development of a set of upland cotton lines for comparisons of Fusarium [Oxysporum vasinfectum] wilt-root-knot nematode data from several tests. Kappelman, A J *Crop Sci* 13 (2): 280-281. Mar/Apr 1973

067116 64.8 C883
Gene for low reaction to puccinia graminis tritici in thatcher-3B substitution line. [Wheat]. Loegering, W Q *Crop Sci* 13 (2): 282. Mar/Apr 1973

067117 475 SCI23
Spore colour mutants induced by gamma irradiation in Trichoderma glaucum Abbott. Murthy, N B K *Cur Sci* 42 (8): 293-294. Apr 20, 1973

067118 QH573.C9
Phylogeny of green algae: a new proposal. Pickett-Heaps, J D *Cytobios* 6 (24): 255-264. Ref. Dec 1972

067119 QH431.A1E39
Serological predictions of genotypic relationships among rice Oryza sativa cultivars. Hsieh, S C *Egypt J Genet Cytol* 1 (2): 288-299. Ref. June 1972

067120 450 EU6
Dihaploid potatoes in mutation breeding: some preliminary results. Harten, A M van *Euphytica* 22 (1): 1-7. Map. Ref. Mar 1973

067121 450 EU6
Normal & abnormal meiosis in a partially male-sterile sugar beet (Beta vulgaris L.). Smith, J B *Euphytica* 22 (1): 114-120. Ref. Mar 1973

067122 450 EU6
Estimate of genotypic value: a proposed method. [Grain]. Pinthus, M J *Euphytica* 22 (1): 121-123. Mar 1973

067123 450 EU6
Application of Mahalanobis's generalized distance to measure genetic divergence in durum wheat. Lee, J *Euphytica* 22 (1): 124-131. Ref. Mar 1973

067124 450 EU6
A note on Xanthomonas blight of beans (Phaseolus vulgaris (L.) Savi) & prospects for its control by breeding for tolerance. [Kidney beans]. Leakey, C L A *Euphytica* 22 (1): 132-140. Ref. Mar 1973

067125 450 EU6
Fertility & germinability of seven parents of Bromus inermis Leyss & in their diallel crosses when selfed, crossed or open-pollinated. Mishra, S N *Euphytica* 22 (1): 154-163. Ref. Mar 1973

067126 450 EU6
Pollen collection from coconut flowers by means of a fluid-bed dryer. Harries, H C *Euphytica* 22 (1): 164-171. Ref. Mar 1973

067127 450 EU6
Genetic stability of quantitative characters in successive generations in maize inbred lines. Russell, W A *Euphytica* 22 (1): 172-180. Ref. Mar 1973

067128 450 EU6
Differentiation of resistance genes at Mla-locus in six pairs of isogenic barley lines. Moseman, J G *Euphytica* 22 (1): 189-196. Ref. Mar 1973

067129 450 EU6
An evaluation of Solanum verrucosum Schlechtd. for its possible use in potato breeding. Abdalla, M M F *Euphytica* 22 (1): 19-27. Ref. Mar 1973

067130 450 EU6
Inheritance of gliadin composition in bread wheat, Triticum aestivum L. Doekes, G J *Euphytica* 22 (1): 28-34. Ref. Mar 1973

067131 450 EU6
Some evidence for genetically controlled variation in photosynthetic rate of oil palm seedlings. [Elaeis guineensis]. Corley, R H V *Euphytica* 22 (1): 48-55. Ref. Mar 1973

067132 450 EU6
A method for illustrating pedigrees of small grain varieties for computer processing. Lamacraft, R R *Euphytica* 22 (1): 56-60. Mar 1973

067133 450 EU6
Possible use of mitochondrial complementation as an indicator of yield heterosis in breeding hybrid wheat. Sage, G C M *Euphytica* 22 (1): 61-69. Ref. Mar 1973

067134 450 EU6
Synthesis & sterility of Raphanobrassica. McNaughton, I H *Euphytica* 22 (1): 70-88. Ref. Mar 1973

067135 450 EU6
Genetic & environmental variability in some agronomical & botanical characters of common vetch (Vicia sativa L.). Blum, A *Euphytica* 22 (1): 89-97. Mar 1973

067136 73.8 F44
Effectiveness of different selection procedures in flax. Momtaz, A *Fibra* 18 (1): 10-21. Ref. 1973

067137 28 F55
Heredity of some characters in sunflower (Helianthus annus). (Spa) Mosjidis, J *Fitotec Latinoamer* 8 (2): 12-22. Ref. Eng. Sum. 1972

067138 28 F55
General & specific combining ability for yield in ten corn inbred lines. [Zea mais L]. (Spa) Luchsinger L, A *Fitotec Latinoamer* 8 (2): 36-45. Ref. Eng. Sum. 1972

067139 96.532 F95
Aims of a hybridist. [Fuchsia. Gadsby, C *Fuchsia Annu* 35: 25. Feb 1973

067140 96.532 F95
Thinking about Triphyllas. [Fuchsia, hybrids]. Tew, A J *Fuchsia Annu* 35: 41-42. Feb 1973

067141 SB123.A1G4
Study on distribution of gene Gas in lines & varieties of popcorn. (Bul) Sevov, A *Gen Selek* 6 (1): 19-26. Eng. Sum. 1973

067142 SB123.A1G4
Variation of protein content in stabilized inbred maize lines. (Bul) Popova, I *Gen Selek* 6 (1): 27-34. Ref. Eng. Sum. 1973

067143 SB123.A1G4
Inheritance of beta-carotene content in redand orange-fruited tomatoes. (Bul) Ognianova, A *Gen Selek* 6 (1): 3-17. Ref. Eng. Sum. 1973

067144 SB123.A1G4
Crossability & some peculiar features of seeds obtained in crosses of Triticum aestivum L. with Triticale (2n 42) & Secalotricum (2n 42). [Wheat]. (Bul) Subeva, Z *Gen Selek* 6 !1): 35-43. Ref. Eng. Sum. 1973

067145 450 G282
Inheritance of self-incompatibility in a few varieties of early cabbage (Brassica oleracea var. capitata f. alba). II. Hoser-Krauze, J *Genet Polon* 13 (4): 109-115. 1972 (Pub. 1973)

067146 450 G282
Studies on combining ability of homozygous self-incompatible lines of white early cabbage (Brassica oleracea var. capitata f. alba). Hoser-Krauze, J *Genet Polon* 13 (4): 117-136. Ref. 1972 (Pub. 1973)

067147 450 G282
Hybrids in Hiantia Bobr. section Trifolium L. genus. I. Morphological characters & fertility. Kazimierski, T *Genet Polon* 13 (4): 67-90. Ref. 1972 (Pub. 1973)

067148 450 G282
Induced alloploids in grasses of Festuca & Lolium genera. III. Festuca gigantea (L.) Vill. (2n 42) x Festuca arundinacea Schreb. (2n 42) hybrid derivatives. Sulinowski, S *Genet Polon* 13 (4): 91-107. Ref. 1972 (Pub. 1973)

067149 443.8 G283
Genetic evidence for a polycistronic unit of transcription in cmplex locus '14' in Podospora anserina. II. Genetic analysis of informational suppressors. Picard, M *Genet Res* 21 (1): 1-15. Ref. Feb 1973

067150 443.8 G283
Developmental mutants in a homothallic strain of Physarum polycephalum. Sheals, A E *Genet Res* 21 (1): 79-86. Ref. Feb 1973

067151 443.8 G283
Developmental mutants in a homothallic strain of Physarum polycephalum. Wheals, A E *Genet Res* 21 (1): 79-86. Ref. Feb 1973

067152 443.8 G283
Inheritance of plasmodial valine requirement in Physarum polycephalum. Dee, J *Genet Res* 21 (1): 87-101. Ref. Feb 1973

067153 442.8 G282
Genetic studies on beta-amylase isozymes of barley malt. Allison, M J *Genetica* 44 (1): 1-15. 1973

067154 442.8 G282
Segretation of genes in Sordaria brevicollis. Scott-Emuakpor, M B *Genetica* 44 (1): 103-109. 1973

067155 442.8 G282
Recombination in paired & individual kernels of Aez mays L. [Corn]. Bard, S R *Genetica* 44 (1): 16-24. Ref. 1973

067156 442.8 G282
Persistence of anaphase abnormalities in fast neutron irradiated tomato. Mey, J A M van der *Genetica* 44 (1): 80-92. Ref. 1973

067157 442.8 G282
Specialized management advisory service – most important promotion measure for farmers. [Austria]. (Ger) Senft, W *Genetica* 44 (1): 93-102. Ref. June 1972

067158 QH431.A1G4
Character of mutational variability in winter wheat under treatment with ethyleneimine. (Rus) Eiges, N S *Genetika* 9 (3): 14-19. Eng. Sum. Mar 1973

067159 QH431.A1G4
A new precocious mutant of Arabidopsis thaliana. (Rus) Arshanskaia, M Sh *Genetika* 9 (3): 163-165. Eng. Sum. Mar 1973

067160 QH431.A1G4
Structural chromosome mutations under postirradiation effect of different temperatures in soakes Crepis capillaris seeds. (Rus) Nemtseva, L S *Genetika* 9 (3): 20-24. Eng. Sum. Mar 1973

067161 QH431.A1G4
Mutagenic effect of 1,4-bis-diazoacetylbutane (DAB) & 8-ethozycaffeine (EOC) on Arabidopsis thaliana. (Rus) Shevchenko, V V *Genetika* 9 (3): 25-33. Ref. Eng. Sum. Mar 1973

067162 QH431.A1G4
Sensitizing effect of 5-bromodeoxyuridine (BUdR) on gamma-irradiated Crepis capillaris cells at presynthetic period of cell cycle. (Rus) Safonova, G M *Genetika* 9 (3): 41-45. Eng. Sum. Mar 1973

067163 QH431.A1G4
Cytogenetic study of wheat interspecific hybrids Triticum aestivum X Triticum dicoccum. II. number of chromosomes in F2-F5 hybrids. (Rus) Budashkina, E B *Genetika* 9 (3): 5-13. Ref. Eng. Sum. Mar 1973

067164 442.8 H42
Vigour & variability of phytotron-cultivated monohybrid barley. Gustafsson, A *Hereditas* 73 (1): 1-10. 1972

067165 443.8 H42
Mating systems & population structure in two closely related species of wheat group. 1. Variation between & within populations. Hillel, J *Heredity* 30 (2): 141-167. Ref. Apr 1973

067166 443.8 H42
Inheritance of self-incompatibility in Plantago lanceolata. Ross, M D *Heredity* 30 (2): 169-176. Ref. Apr 1973

067167 443.8 H42
Variation in wild populations of Papaver dubium. Vi. Dominance relationships for genes controlling metrical characters. Arthur, A E *Heredity* 30 (2): 177-187. Apr 1973

067168 443.8 H42
Variation in wild populations of Papaver dubium. Vii. Germination time. Arthur, A E *Heredity* 30 (2): 189-197. Ref. Apr 1973

067169 SB1.H6
Influence of multiple quality requirements on plant breeder. Stevens, M A *Hortscience* 8 (2): 110-112. Ref. Apr 1973

067170 SB123.E39
Mutant forms of tomatoes obtained form effect of low shock temperatures & possibility of practical utilization. (Rus) Dorosiev, L *In Eksperimental'nyi Mutagenez v Selektsii* P. 102-115. Ref. 1972

067171 SB123.E39
Sensitivity to radioactivity & appearance of chlorophyll mutations in some pea varieties. (Rus) Vasileva, M *In Eksperimental'nyi Mutagenez v Selektsii* P. 115-129. Ref. 1972

067172 SB123.E39
Results achieved in Hungary in field of experimental mutations. [Peas, sunflowers, tomatoes]. (Rus) Kurnik, E *In Eksperimental'nyi Mutagenez v Selektsii* P. 130-137. 1972

067173 SB123.E39
Increasing amount of protein of corn with aid of induced mutations. (Rus) Balint, A *In Eksperimental'nyi Mutagenez v Selektsii* P. 137-140. 1972

067174 SB123.E39
Physiological & genetic sensitivity to radioactivity in different phases of development in barley. (Rus) Shutka, I *In Eksperimental'nyi Mutagenez v Selektsii* P. 142-150. Ref. 1972

067175 SB123.E39
Mutations in spring & winter barley obtained experimentally. (Rus) Pollkhamer, E *In Eksperimental'nyi Mutagenez v Selektsii* P. 150-153. Ref. 1972

067176 SB123.E39
Comparative studies on pea mutants. (Rus) Dudich, D *In Eksperimental'nyi Mutagenez v Selektsii* P. 153-166. Ref. 1972

067177 SB123.E39
Obtaining mutations in sugar beets through irradiation. (Rus) Magashshi, L *In Eksperimental'nyi Mutagenez v Selektsii* P. 166-180. 1972

067178 SB123.E39
Study of sensitivity to radioactivity & induced mutation changes affecting traits of varieties, species & sex of plants. (Rus) Barabas, Z *In Eksperimental'nyi Mutagenez v Selektsii* P. 180-181. Ref. 1972

067179 SB123.E39
Research on mutations & mutation breeding in German Democratic Republic. [Field crops]. (Rus) Krausse, G V *In Eksperimental'nyi Mutagenez v Selektsii* P. 182-198. 1972

067180 SB123.E39
On problem of selecting for breeding mutation chimeras & mutants in haploids of Pelargonium zonale Kleiner Liebling & Thuja gagantea geacilis. (Rus) Pol'kheim, F *In Eksperimental'nyi Mutagenez v Selektsii* P. 199-221. 1972

067181 SB123.E39
Further investigation from breeding histogenetic point of somatic mutations in clonal seed plants. (Rus) Bergan, F *In Eksperimental'nyi Mutagenez v Selektsii* P. 221-235. 1972

067182 SB123.E39
Effect of gamma ray irradiation of initial forming of shoots & during spike formation on sprouting, growth, productivity & mutation process of spring wheat (Triticum aestivum vulgare). (Rus) Mel'tser, R F *In Eksperimental'nyi Mutagenez v Selektsii* P. 236-248. Ref. 1972

067183 SB123.E39
Occurrence of mutations in barley due to effect of alkylalkane sulfonates. (Rus) Krausse, G V *In Eksperimental'nyi Mutagenez v Selektsii* P. 248-263. Ref. 1972

067184 SB123.E39
Achievements & prospects for development of experimental mutagenesis in Poland. [Plant breeding]. (Rus) Stazhitski, S *In Eksperimental'nyi Mutagenez v Selektsii* P. 265-266. 1972

067185 SB123.E39
Ways & means of utilizing mutations in plant breeding. (Rus) Stazhitski, S *In Eksperimental'nyi Mutagenez v Selektsii* P. 266-267. 1972

067186 SB123.E39
Sensitivity of different species of plants to radioactivity. [Mutation]. (Rus) Gel'o, S *In Eksperimental'nyi Mutagenez v Selektsii* P. 267-272. 1972

067187 SB123.E39
Achievements in mutation breeding of farm crops in the socialist republic of Romania. (Rus) Priadchenku, A *In Eksperimental'nyi Mutagenez v Selektsii* P. 285-295. Ref. 1972

067188 SB123.E39
Sensitivity of some varieties, lines & hybrids of corn to radioactivity. [Mutation]. (Rus) Diakonu, P *In Eksperimental'nyi Mutagenez v Selektsii* P. 296-307. Ref. 1972

067189 SB123.E39
Mutants of corn induced by radiation. (Rus) Kiakonu, P *In Eksperimental'nyi Mutagenez v Selektsii* P. 307-319. Ref. 1972

067190 SB123.E39
Effect of certain chemical mutagens on pea varieties. (Rus) Pipie, A *In Eksperimental'nyi Mutagenez v Selektsii* P. 319-324. Ref. 1972

067191 SB123.E39
Morphological mutations obtained in two varieties of peas through action of sesone & ethylmethane sulfonate. (Rus) Pipie, A *In Eksperimental'nyi Mutagenez v Selektsii* P. 325-331. 1972

067192 SB123.E39
Taxonomic mutations induced in Triticum aestivum [Wheat]. (Rus) Grinval'd, K *In Eksperimental'nyi Mutagenez v Selektsii* P. 333-347. Ref. 1972

067193 SB123.E39
Types of mutants obtained as a result of irradiating certain species of cultivated plants. (Rus) Grinval'd, K *In Eksperimental'nyi Mutagenez v Selektsii* P. 348-360. Ref. 1972

067194 SB123.E39
Studies in experimental mutagenesis & mutation breeding of plants in USSR. (Rus) Shkvarnikov, P K *In Eksperimental'nyi Mutagenez v Selektsii* P. 361-390. 1972

067195 SB123.E39
Chemical mutagenesis in wheat. (Rus) Zoz, N N *In Eksperimental'nyi Mutagenez v Selektsii* P. 390-398. 1972

067196 SB123.E39
Results of utilizing experimental mutagenesis in breeding vegetable crops in USSR. (Rus) Dolgikh, S T *In Eksperimental'nyi Mutagenez v Selektsii* P. 398-412. 1972

067197 SB123.E39
Change in frequency of induced mutations in barley with varying lenghts of soaking seeds prior to mutagen treatment. (Rus) Savin, V N *In Eksperimental'nyi Mutagenez v Selektsii* P. 412-422. Ref. 1972

067198 SB123.E39
Mutation breeding in Czechoslovakia. [Plants]. (Rus) Dostal, I *In Eksperimental'nyi Mutagenez v Selektsii* P. 423-431. 1972

067199 SB123.E39
Obtaining radioactive mutations of corn (Zea mays) with use of cobalt 60 gamma ray irradiation. (Rus) Cherny, J *In Eksperimental'nyi Mutagenez v Selektsii* P. 432-443. 1972

067200 SB123.E39
Effect of some chemicals on effecto of X-ray irradiation of spring barley. (Rus) Langer, I *In Eksperimental'nyi Mutagenez v Selektsii* P. 443-462. 1972

067201 SB123.E39
Using ionizing irradiation in order to establish genetic variability of corn. (Rus) Stoilov, M *In Eksperimental'nyi Mutagenez v Selektsii* P. 72-83. Ref. 1972

067202 SB123.E39
Specificity of effect of certain chemical mutagens on structural mutations of barley. (Rus) Nikolov, K H *In Eksperimental'nyi Mutagenez v Selektsii* P. 83-93. Ref. 1972

067203 SB123.E39
Changes in barley due to varying dosages & power of gamma ray irradiation. (Rus) Filev, K *In Eksperimental'nyi Mutagenez v Selektsii* P. 93-101. Ref. 1972

067204 SB211.P8G4
Interspecific & intraspecific hybridization of potatoes. (Rus) Kameraz, A IA *In Genetika Kartofelia* P. 104-121. Ref. 1973

067205 SB211.P8G4
Cytological basis for crossing capability of potato species with varying levels of ploidy. (Rus) IAshina, I M *In Genetika Kartofelia* P. 121-131. Ref. 1973

067206 SB211.P8G4
Experimental polyploidy in potatoes. (Rus) Laptev, IU P *In Genetika Kartofelia* P. 131-139. Ref. 1973

067207 SB211.P8G4
Haploidy of potatoes. (Rus) Tarasenko, N D *In Genetika Kartofelia* P. 140-156. 1973

067208 SB211.P8G4
Experimental mutations in potatoes. (Rus) Tarasenko, N D *In Genetika Kartofelia* P. 156-175. Ref. 1973

067209 SB211.P8G4
Genetics of morphological & economically valuable traits of potato. (Rus) IAshina, I M *In Genetika Kartofelia* P. 233-259. Ref. 1973

067210 SB211.P8G4
Meiosis in potato species of varying ploidy. (Rus) IAshina, I M *In Genetika Kartofelia* P. 34-69. Ref. 1973

067211 SB211.P8G4
Genetics of diploid species of potatoes. (Rus) Laptev, IU P *In Genetika Kartofelia* P. 69-82. 1973

067212 SB211.P8G4
Genetics of polyploid species of potatoes. (Rus) IAshina, I M *In Genetika Kartofelia* P. 82-103. Ref. 1973

067213 SB191.W5P62
Study of grain quality of winter-& spring wheat obtained by crossing winter forms with spring forms in Moldavia. (Rus) Siminel, V D *In Povyshenie Kachestva Zerna Pshenitsy* P. 115-119. 1972

067214 SB191.W5P62
Breeding spring wheat for increasing grain quality combines with other economically valuable properties. (Rus) Mamontova, V N *In Povyshenie Kachestva Zerna Pshenitsy* P. 15-22. 1972

067215 SB191.W5P62
Evaluating quality of breeding base of soft winter wheat. (Rus) Pynzar', S L *In Povyshenie Kachestva Zerna Pshenitsy* P. 150-154. 1972

067216 SB191.W5P62
Breeding hard & soft winter wheat for quality in Wheat Breeding Section of All-Union Plant Breeding & Genetics Institute. (Rus) Kirichenko, F G *In Povyshenie Kachestva Zerna Pshenitsy* P. 28-36. 1972

067217 SB191.W5P62
Genetics of traits of winter wheat grain quality. (Rus) Sozinov, A A *In Povyshenie Kachestva Zerna Pshenitsy* P. 37-52. Ref. 1972

067218 SB191.W5P62
Gentic basis for breeding wheat for grain quality. (Rus) Maistrenko, O I *In Povyshenie Kachestva Zerna Pshenitsy* P. 53-59. 1972

067219 SB191.W5P62
Means of breeding wheat for high grain quality. (Rus) Marushev, A I *In Povyshenie Kachestva Zerna Pshenitsy* P. 60-66. 1972

067220 SB191.W5P62
Breeding winter wheat varieties with high-quality grain. (Rus) Mironenko, A M *In Povyshenie Kachestva Zerna Pshenitsy* P. 67-71. 1972

067221 SB191.W5P62
New varieties of winter wheat & their grain quality. [Breeding]. (Rus) Luk'ianenko, P P *In Povyshenie Kachestva Zerna Pshenitsy* P. 7-14. 1972

067222 SB191.W5P62
On division of hybrids according to amount of non-interchangeable amino acids in soft wheat grain in cases of intraspecific hybridization. (Rus) Khrabrova, M A *In Povyshenie Kachestva Zerna Pshenitsy* P. 72-79. 1972

067223 SB191.W5P62
Study of inheriting of indices of grain quality in intraspecific hybrids of soft wheat. (Rus) Shcherbina, D M *In Povyshenie Kachestva Zerna Pshenitsy* P. 80-88. 1972

067224 SB191.W5P62
On relationship between traits of technological properties of wheat & some principles of breeding for quality. (Rus) Bebiakin, V M *In Povyshenie Kachestva Zerna Pshenitsy* P. 99-105. 1972

067225 SB123.S45
Breeding potatoes for resistance to most harmful & most widespread diseases & pests. (Rus) Kameraz, A IA *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 29-38. 1972

067226 SB123.S45
Breeding & seed culture of heterotic hybrids of vegetable & cucurbit crops. (Rus) Meshcherov, E T *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 147-152. 1972

067227 SB123.S45
Genetic basis for potato breeding for resistance to Phytophthora infestans & virus diseases. (Rus) IAshina, I M *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 14-21. 1972

067228 SB123.S45
Theoretical basis for grape breeding. (Rus) Negrul', A M *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 204-211. 1972

067229 SB123.S45
Breeding potatoes for early ripening. (Rus) Gauer, V A *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 39-47. 1972

067230 SB123.S45
On breeding varieites & hybrids for irrigated vegetable culture. (Rus) Zhuchenko, A A *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 152-161. 1972

067231 SB123.S45
Breeding grapes at Georgian Scientific Research Institute for Horticulture, Viticulture & Enology. (Rus) Tsertsvadze, N V *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 284-289. 1972

067232 SB123.S45
On measures for improving breeding & seed culture operations with cucurbit crops. (Rus) IUrina, O V *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 98-106. 1972

067233 SB123.S45
Problems of breeding citrus crops & means of resolving them. (Rus) Maisuradze, N I *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 321-336. 1972

067234 SB123.S45
Objectives & methods of breeding fruit & berry crops. (Rus) Stepanov, S N *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 197-204. 1972

067235 SB123.S45
Tasks in potato breeding & seed culture. (Rus) Startseva, L I *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 3-7. 1972

067236 SB123.S45
Trend in breeding vegetable crops for canning. (Rus) Chulkov, N I *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 169-174. 1972

067237 SB123.S45
Breeding grapes for winterhardiness. (Rus) Potapenko, IA I *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 263-270. 1972

067238 SB123.S45
Methods of breeding seedless grapes. (Rus) Smirnov, K V *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 289-298. 1972

067239 SB123.S45
On status & measures for improving potato breeding & seed culture operations. (Rus) Batsanov, N S *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 7-14. 1972

067240 SB123.S45
Genetic basis for breeding fruit & berry crops. (Rus) Nesterov, IA S *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 211-219. 1972

067241 SB123.S45
Breeding potatoes for increased amounts of dry matter in tubers. (Rus) Al'smik, P I *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 21-29. 1972

067242 SB123.S45
Trends & results of grape breeding in Moldavia. (Rus) Guzun, N I *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 279-284. 1972

067243 SB123.S45
World collection of vegetable & cucurbit crops & its utilization in breeding in USSR. (Rus) Boos, G V *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 126-135. 1972

067244 SB123.S45
On selecting breeding stock for black currants. (Rus) Sergeeva, K D *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 315-318. 1972

067245 SB123.S45
Introduction & breeding of apple trees in foothills of North Caucasus. (Rus) Kostyk, P P *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 239-248. 1972

067246 SB123.S45
Breeding vegetable crops for adaptability to mechanized processing & disease resistance. (Rus) Kvasnikov, B V *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 135-147. 1972

067247 SB123.S45
Results & objectives of breeding varieties of potatoes for processing. (Rus) Baranovskaia, V A *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 81-85. 1972

067248 SB123.S45
Prospective plan for developing scientific research in breeding & seed culture of potatoes. (Rus) Pisarev, B A *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 85-89. 1972

067249 SB123.S45
Regular tasks in field of breeding & seed culture of vegetable crops. (Rus) Alpat'ev, A V *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 90-92. 1972

067250 SB123.S45
Varieties of peas for canning & their breeding operations. (Rus) Drozd, A M *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 162-168. 1972

067251 SB123.S45
Utilizing achievements of physiology in breeding & seed culture practices. (Rus) Belik, V F *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 185-189. 1972

067252 SB123.S45
Methods of breeding fruit & vegetable crops. (Rus) Kuznetsov, P V *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 219-226. 1972

067253 SB123.S45
Breeding fruit & berry crops relative to intensifying horticulture. (Rus) Lobanov, G A *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 227-232. 1972

067254 SB123.S45
Sources for breeding high-quality commercial raspberries. (Rus) Kichina, V V *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 318-321. 1972

067255 SB123.S45
Breeding grape varieties for increase in quality, fruit size & early ripening for table & industrial use. (Rus) Pogosian, S A *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 271-278. 1972

067256 SB123.S45
Prospects for scientific research in breeding & seed culture of vegetables. (Rus) Ershov, I I *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 92-98. 1972

067257 SB123.S45
Current status & outlook for breeding nut tree crops. (Rus) Rikhter, A A *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 306-314. 1972

067258 SB123.S45
Introduction & breeding of stone fruit crops in USSR. (Rus) Riabov, I N *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 233-239. 1972

067259 SB123.S45
On breeding vegetable crops in Estonia. (Rus) IAagus, V IU *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 184-185. 1972

067260 SB123.S45
Breeding & seed culture operations with vegetable & cucurbit crops in Uzbekistan. (Rus) Khakimov, A S *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 175-179. 1972

067261 SB112.V6
Method of breeding spring wheat for disease resistance. (Rus) Il'ina, L G *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 119-123. 1972

067262 SB112.V6
Creating high-yield, short-stem wheat varieties for irrigated farming in Volga region. (Rus) Kozlov, IU D *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 113-119. 1972

067263 SB112.V6
On breeding spring wheat for irrigated farming. (Rus) Glukhovtseva, N I *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 106-112. 1972

067264 SB112.V6
Results & prospects for establishing new varieties of spring wheat. (Rus) Mamontova, V N *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 91-98. 1972

067265 SB112.V6
Utilizing world collection of plants in breeding new high-yielding & high-quality varieties & hybrids of farm crops for irrigated farming in Volga (Rus) Budin, K Z *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 82-90. 1972

067266 513 IN25B
Hybrid vigour in brinjal. Viswanathan, T V *Indian Acad Sci Proc Sect B* 77 (4): 176-180. Apr 1973

067267 22 AG83I
Improvement in quality characteristics & yield attributes through gamma-irradiation in rice (Oryza sativa L.). [Mutation]. Govindaswami, S *Indian J Agr Sci* 42 (10): 869-872. Ref. Oct 1972

067268 22 AG83I
Inheritance of field resistance to rusts & glume pubescence wheat (Triticum aestivum L.). [Puccinia recondita, Puccinia graminis]. Minhas, A S *Indian J Agr Sci* 42 (10): 880-883. Ref. Oct 1972

067269 22 AG83I
Note on slection for yield at seedling stage in potato breeding. Verma, S M *Indian J Agr Sci* 42 (10): 887. Oct 1972

067270 22 AG83I
Linkage studies in Oryza sativa L. [Rice, genes]. Ratho, S N *Indian J Agr Sci* 42 (10): 931-934. Oct 1972

067271 22 AG83I
Inheritance of some quantitative characters in pearlmillet (Pennisetum typhoides (Burm. f.) Stapf & C. E. Hubb.). Singh, D *Indian J Agr Sci* 42 (10): 939-945. Ref. Oct 1972

067272 22 AG83I
Expression of hybrid vigour in castor under different agroclimatic conditions in Gujarat. Gopani, D D *Indian J Agr Sci* 42 (10): 946-949. Oct 1972

067273 22 AG83I
Note on inheritance of style thickness in a cross of tomato (Lycopersicon esculentum Mill.). Chaudhary, R C *Indian J Agr Sci* 42 (10): 957-958. Oct 1972

067274 22 AG83I
Inheritance of locule number in a cross in tomato (Lycopersicon esculentum Mill.). Chaudhary, R C *Indian J Agr Sci* 42 (9): 786-789. Ref. Sept 1972

067275 442.8 IN2
Effects of mitomycin-C on root meristem cells of Vicia faba L.: II. Induced chromosomal aberrations in relation to cell cycle. [Broadbeans]. Shah, V C *Indian J Exp Biol* 10 (6): 431-435. Nov 1972

067276 442.8 IN2
Experimental induction of zygotic multiple embryos in Coriandrum sativum L. Sehgal, C B *Indian J Exp Biol* 10 (6): 457-459. Nov 1972

067277 464.8 IN2
Inheritance of resistance to downy mildew (Sclerospora sorghi) in sorghum. Puttarudrappa, A *Indian Phytopathol* 25 (3): 471-473. Sept 1972

067278 20 M57AG
Wheat from Mironowsk. [Breeding]. (Ger) Remeslo, W *Int Z Landwirt* 1: 43-46. 1973

067279 20 M57AG
Wheat breeding in Czechoslovakia. (Ger) Hanis, M *Int Z Landwirt* 1: 46-50. 1973

067280 20 M57AG
Potato breeding in Poland. (Ger) Kapsa, E *Int Z Landwirt* 1: 50-54. 1973

067281 20 M57AG
Breeding cereals for quality. [Wheat]. (Ger) Sosinow, A *Int Z Landwirt* 1: 54-60. Ref. 1973

067282 20 M57AG
Trend to breed monogerm sugar beet. (Ger) Dalke, L *Int Z Landwirt* 1: 60-69. 1973

067283 S19.J62
Evolution of medium quality borer resistant varieties of rice at rice research station, Kala Shah Kaku. [Chilo suppressalis]. Shafi, M *J Agric Res* 10 (1): 1-9. Mar 1972

067284 S19.J62
Improvement of IR6-156-2-1 (IRRI-6) by single plant selection. [Rice]. Shafu, M *J Agric Res* 10 (1): 10-15. Mar 1972

067285 S19.J62
Effects of selection on improvement in Gossypium arboreum L. [Cotton]. Bhutta, M A *J Agric Res* 10 (1): 16-22. Mar 1972

067286 S19.J62
Production of protein-rich wheat by mutation breeding. Khan, A H *J Agric Res* 10 (3): 230-232. Sept 1972

067287 442.8 AM3
Chromatin elimination induced by B chromosome of maize. I. Mechanism of loss & pattern of endosperm variegation. Rhoades, M M *J Hered* 64 (1): 13-18. Ref. Jan/Feb 1973

067288 442.8 AM3
Cytoplasmic-chromosomal interactions & altered differentiation in tobacco. Sand, S A *J Hered* 64 (1): 24-30. Jan/Feb 1973

067289 442.8 AM3
Genetics of electrophoretic variants in Avena. II. esterase E1, E2, E4, E5, E6, & anodal peroxidase APX4, loci in Avena fatua. Clegg, M T *J Hered* 64 (1): 3-6. Jan/Feb 1973

067290 442.8 AM3
Phenotypes of eight disomics & trisomics of aspergillus nidulans. Kafer, E *J Hered* 64 (1): 35-38. Ref. Jan/Feb 1973

067291 442.8 AM3
Influence of sizing peanut seed on two phenotypic ratios. Coffelt, T A *J Hered* 64 (1): 39-42. Ref. Jan/Feb 1973

067292 442.8 AM3
Cytogenetic effects of Benlate fungicide on Allium cepa & Secale cereale. [Onions, rye]. Boyle, W S *J Hered* 64 (1): 49-50. Jan/Feb 1973

067293 442.8 AM3
Interest in hybridization in Moravia before Mendel ame to Brno. [Plants, breeding, animals]. Orel, V *J Hered* 64 (1): 51-53. Ref. Jan/Feb 1973

067294 442.8 AM3
Characterization of citrine phenotype of tomato. Reeves, A F *J Hered* 64 (1): 9-12. Jan/Feb 1973

067295 475 J82
Five years of sorghum breeding. *J Sci Indus Res* 31 (10): 498-509. Ref. Oct 1972

067296 64.8 J27
Characteristics & classification of so-called dwarf rice. I. Growth analysis with special emphasis on relationships among internode lengths. (Jap) Kamijima, O *Jap J Breed* 23 (1): 1-6. Ref. Eng. Sum. Feb 1973

067297 64.8 J27
Basic studies on utilization of hybrid vigor in rice. I. degree of heterosis & its phenomenon. (Jap) Murayama, S *Jap J Breed* 23 (1): 22-26. Eng. Sum. Feb 1973

067298 64.8 J27
Inheritance of resistance to bacterial wilt disease in tobacco. I. Analysis of gene controlling resistance in Japanese domestic cultivars. [Pseudomonas solanacearum]. (Jap) Matsuda, T *Jap J Breed* 23 (1): 35-42. Ref. Feb 1973

067299 442.9 J27
Somatic mutation rate in Tradescantia [ohiensis] stamen hairs at low radiation levels: finding of low doubling doses of mutations. Ichikawa, S *Jap J Genet* 47 (6): 411-421. Ref. Dec 1972

067300 442.9 J27
Segretation & recombination of cytoplasmic drug-resistance factors in Saccharomyces cerevisiae. Suda, K *Jap J Genet* 47 (6): 441-444. Ref. Dec 1972

067301 66.9 J27
Studies on utilization on cytoplasmic male sterility in breeding of sugar beets. Some problems on O type selection. (Jap) Imanishi, S *Jap Sugar Beet Impr Found Bull Sugar Beet Res* 11, 325 P. Ref. Eng. Sum. Mar 1971

067302 450 K95
On possibilities of utilizing of induced chromosome mutations in cultivated plants. (Ger) Kunzel, G *Kulturpflanze* 20: 225-262. Ref. Eng. Sum. 1972

067303 QR58.N6
Genetic analysis in micro-organisma. [Fungi]. Hopwood, D A *Methods Microbiol* 7b: 29-158. Refl 1972

067304 20 M57
Creation of new varieties of alfalfa in USSR. [Breeding]. (Rus) Lubenets, P *Mezhdunar Sel'skokhoz Zh* 2: 41-47. 1973

067305 20 M57
Breeding of red clover & outlook for its culture. [Hungary]. (Rus) IAnoshshi, A *Mezhdunar Sel'skokhoz Zh* 2: 48-50. 1973

067306 20 M57
Breeding primary leguminous grass crops. [Czechoslovakia]. (Rus) Branzhovskii, I *Mezhdunar Sel'skokhoz Zh* 2: 51-55. Map. 1973

067307 442.8 Z34
Mitotic intragenic recombination as a consequence of heteroduplex formation in Aspergillus nidulans. Bandiera, M *Mol Gen Genet* 122 (2): 137-148. Ref. 1973

067308 442.8 Z34
Yeast mutants resistant to ethidium bromide. Gouhier, M *Mol Gen Genet* 122 (2): 149-164. Ref. 1973

067309 442.8 Z34
Mechanism of gene conversion in Ascobolus immersusII. interaction of heteroalleles in conversion process. Leblon, G *Mol Gen Genet* 122 (2): 165-182. Ref. 1973

067310 443.8 M98
Comparative length measurements of Vicia faba chromatids with X-ray-induced achromatic lesions (gaps). [Broadbeans]. Scheid, W *Mutation Res* 18 (1): 25-31. Ref. Apr 1973

067311 443.8 M98
Mutagenic effect of benomyl on Fusarium oxysporum. [Onions]. Dassenoy, B *Mutation Res* 21 (2): 119-120. Apr 1973

067312 443.8 M98
A re-examination of genetic effects of optical brighteners in yeast. Kilbey, B J *Mutation Res* 21 (2): 73-82. Ref. Apr 1973

067313 443.8 M98
Induction of gene conversion in yeast by herbicide preparations. Parry, J M *Mutation Res* 21 (2): 83-91. Ref. Apr 1973

067314 443.8 M98
Low level of SO2 [sulfur dioxide] enhanced chromatid aberrations in Tradescantia [paludosa] pollen tubes & seasonal variation of aberration rates. Ma, T H *Mutation Res* 21 (2): 93-100. Apr 1973

067315 450 M99
Genetics of variation in Botryotinia squamosa. Berquist, R R *Mycologia* 65 (1): 36-47. Ref. Jan/Feb 1973

067316 96.46 N81
Hybrididizing notes on Easter Bunny, Scamp, Pussycat, Orchid Queen seedlings, etc. [Lilium, hybrids]. Clas, R P H *N Amer Lily Soc Lily Yearbook* 25: 33-43. 1972

067317 500 N21P
Polymorphism for interspecific cross-compatibility in Phlox. Levin, D A *Nat Acad Sci Proc* 70 (4): 1149-1150. Apr 1973

067318 442.8 N22
Some problems on breeding cold-resistant lines & hybrids of corn. (Rus) Annenkova, Z M *Nauch Dokl Vyssh Shk, Biol Nauk* 1: 103-111. Ref. 1973

067319 450 N42
Hybrids between Lolium perenne L. & Festuca pratensis Huds. I. Crossing & incompatibility. Gymer, P T *New Phytol* 72 (2): 411-424. Ref. Mar 1973

067320 64.8 N76
Analysis of aneuploidy of wheat. (Hun) Sutka, J *Novenytermeles* 22 (1): 83-94. Ref. Mar 1973

067321 20.5 N86
What is offered to agriculture by Plant Breeding & Seed Production Enterprises this year. (Pol) Paszkowski, W *Nowe Roln* 23 (6): 1-3. Mar 16/31, 1973

067322 464.8 OC32
Biological & phytopathological bases of resistance breeding of crops. (Pol) Golenia, A *Ochrona Roslin* 10: 11-12. 1972

067323 77.8 OL2
Genome relationships in Arachis. [Peanuts]. Raman, V S *Oleagineux* 28 (3): 137-140. Ref. Mar 1973

067324 QK1.P3
Genetics of flowering time in Raphanus sativus L. II. Genotype-environment interaction. [Radishes]. Vahidy, A A *Pak J Bot* 4 (1): 1-25. Ref. June 1972

067325 450 P564
Studies on genetic control of a nitrogenase component in leguminous root nodules. [Rhizobium, mung beans, cowpeas]. Phillips, D A *Physiol Plant* 28 (2): 248-253. Ref. 1973

067326 451 F732
Evaluation of plant collections. [Genetic resources, germplasm]. Shevchuk, T *Plant Genet Resour Newsl* 29: 2-6. Jan 1973

067327 451 F732
Genetic conservation in Hungary. [Plants]. Janossy, A *Plant Genet Resour Newsl* 29: 25-27. Jan 1973

067328 451 F732
Genetic resources in pistachio. Maggs, D H *Plant Genet Resour Newsl* 29: 7-15. Map. Ref. Jan 1973

067329 450 P695
Breeding for yellow Amaryllis hybrids. Blossfeld, H *Plant Life* 29 (1/4): 56-58. Jan/Oct 1973

067330 450 P695
Role of triploids in Amaryllis hybridization. Bell, W D *Plant Life* 29 (1/4): 5961. Jan/Oct 1973

067331 450 P695
Brreeding white Nerines. Menninger, E D *Plant Life* 29 (1/4): 69-74. Jan/Oct 1973

067332 450 P695
Breeding & growing Alstroemerias in Europe. Sahin, Z K T *Plant Life* 29 (1/4): 74-80. Jan/Oct 1973

067333 450 P692
Genes for cytoplasmic ribosomal ribonucleic acid in higher plants. [Peas]. Scott, N S *Plant Physiol* 51 (4): 677-684. Ref. Apr 1973

067334 20.5 P84
Anther in vitro culture, a new method for obtaining haploid plants. (Pol) Zenkteler, M *Postepy Nauk Roln* 19 (5): 17-26. Ref. Sept/Oct 1972

067335 20.5 P84
Trends of alterations in plant breeding methods. (Pol) Muszynski, S *Postepy Nauk Roln* 19 (5): 27-40. Ref. Sept/Oct 1972

067336 20.5 P84
Actual problems of Triticale breeding methods. (Pol) Piech, J *Postepy Nauk Roln* 19 (5): 3-5. Ref. Sept/Oct 1972

067337 20.5 P84
Genetics & plant breeding in German Democratic Republic. (Pol) Tarkowski, C *Postepy Nauk Roln* 4: 107-110. 1972

067338 20.5 P84
Winter wheat breeding – its trends & selection criteria. (Pol) Kostecki, J *Postepy Nauk Roln* 4: 3-21. 1972

067339 281.9 B87
Wheat varieties for late winter & spring sowing. (Fre) Linais, B *Prod Agr Fr* 48 (122): 27. Jan 1973

067340 450 R11
Gamma irradiation induced variability in Phaseolus vulgaris L. cv. Blue Lake. [Kidney beans]. Mujeeb, K A *Radiat Bot* 13 (2): 121-126. Ref. Apr 1973

067341 450 R11
Grain yield mutations induced by ethyl methanesulfonate treatment of oat seeds. Arias, J *Radiat Bot* 13 (2): 73-85. Ref. Apr 1973

067342 442.8 R11AE
Principles of formation of radioraces in yeast organisms. 3. Quantitative principles of radiation race formation in diploid yeasts. [Saccharomyces ellipsoideus]. Dorogodin, V I *Radiobiology* 12 (6): 76-84. Ref. Nov/Dec 1972

067343 9.2 C332
Horizontal resistance to diseases & genetic variability in improvement of kidney beans in Brazil. (Por) Vieira, C *Rev Ceres* 19 (104): 261-271. Ref. Eng. Sum. July-/Aug 1972

067344 80 R32
Nucellar embryony in citrus. (Fre) Cassin, J *Rev Hort* 144 (2310): 2362-2369. Ref. Dec 1972

067345 64.9 C33
Share of genetic factors of host plants on symbiotic fixation of nitrogen. (Cze) Mareckova, H *Rostlinna Vyroba* 18 (12): 1318-1322. Ref. 1972

067346 451 SCH9
Genetics of apospory in Ranunculus auricomus s. L. W. Koch. I. Embryology. (Ger) Nogler, G A *Schweiz Bot Ges Ber* 81: 139-177. Ref. Eng. Sum. 1971 (Pub. 1972)

067347 451 SCH9
Mutation of chromosomes caused by organic peroxide. [Broadbeans]. (Ger) Keusch, F *Schweiz Bot Ges Ber* 81: 180-272. Ref. Eng. Sum. 1971 (Pub. 1972)

067348 S13.S44
Promising trends in genetic studies. [Plants]. (Rus) Dubinin, N P *Sel'skokhoz Biol* 8 (1): 10-20. Ref. Eng. Sum. Jan/Feb 1973

067349 S13.S44
Use of mathematical models for analysis of combination ability & other genetic properties of inbred lines. (Rus) Khotyleva, L V *Sel'skokhoz Biol* 8 (1): 130-134. Ref. Eng. Sum. Jan/Feb 1973

067350 S13.S44
Interspecific crossing of Brassica juncea. [Brassica nigra, Brassica carinata]. (Rus) Zhivotova, L V *Sel'skokhoz Biol* 8 (1): 147-148. Jan/Feb 1973

067351 S13.S44
Male sterility in peach varieties. (Rus) Riabov, I N *Sel'skokhoz Biol* 8 (1): 25-28. Eng. Sum. Jan/Feb 1973

067352 S13.S44
Comparative cytogenetics of genus Lycopersicon Tourn. (Rus) Popov, V V *Sel'skokhoz Biol* 8 (1): 33-41. Ref. Eng. Sum. Jan/Feb 1973

067353 S13.S44
Alfalfa breeding. (Rus) Konstantinova, A M *Sel'skokhoz Biol* 8 (1): 42-48. Ref. Eng. Sum. Jan/Feb 1973

067354 S13.S55
Genetics for agriculture. [Plants, livestock]. (Rus) Shumnyi, V K *Sib Vestn S-kh Nauk* 6: 114-117. Nov/Dec 1972

067355 S13.S55
Progress & problems in breeding farm crops in Soviet Far East. (Rus) Kaz'min, G T *Sib Vestn S-kh Nauk* 6: 9-19. Nov/-Dec 1972

067356 S13.S55
Breeding spring wheat for irrigation farming in Khakass region. (Rus) Demorenko, I F *Sib Vestn S-kh Nauk* 6:23-27. Nov/Dec 1972

067357 QH431.A1G43
Cytogenetic basis of evolution of potato species of genus Solanum L., section Tuberarium (Dun.) Buk. Bukasov, S M *Sov Genet* 6 (4): 463-471. Ref. Apr 1970 Transl Jan 1973

067358 QH431.A1G43
Genetics of tye Secale cereale L.) XI. Inheritance of liguleless condition. Fedorov, V S *Sov Genet* 6 (5): 553-560. Ref. Translated Feb 1, 1973

067359 QH431.A1G43
Nature of heterosis in polyploids. Maletskii, S I *Sov Genet* 6 (5): 561-568. Ref. Translated Feb 1, 1973

067360 QH431.A1G43
Types of mutants produced in citrus fruits by induced mutagenesis. Kerkadze, I G *Sov Genet* 6 (5): 569-574. Ref. Translated Feb 1, 1973

067361 QH431.A1G43
Size of seed germ & endosperm in Fo hybrids & their maternal forms in maize. Vedeneev, G I *Sov Genet* 6 (5): 575-580. Ref. Translated Feb 1, 1973

067362 QH431.A1G43
Appearance of gaps in chromosomes when sprouts of young & old Crepis capillaris seeds are irradiated & upon modification of radiation effect. Eliseenko, N N *Sov Genet* 6 (5): 581-586. Ref. Translated Feb 1, 1973

067363 QH431.A1G43
Phenotypic variability of expression of a gene in different types of chlorophyll mutations on sunflower. Lyashchenko, I F *Sov Genet* 6 (5): 688-690. Translated Feb 1, 1973

067364 QH431.A1G43
Inheritance of certain quantitative characteristics of tobacco in first-generation hybrids. Kosmodem'yanskii, V N *Sov Genet* 6 (5): 691-693. Translated Feb 1, 1973

067365 61.9 SV23
Species crosses in alfalfa breeding at Ultuna Branch Station of Swedish Seed Association. (Swe) Bingefors, S *Sveriges Utsadesforen Tidskr* 82 (6): 330-343. Eng. Sum. 1972

067366 S19.T3
Inheritance of photoperiod sensitivity in crosses between Indica & Japonica varieties of rice. (Chi) Lin, F H *Taiwan Agr Quart* 8 (3): 168-175. Ref. Eng. Sum. Spet 1972

067367 107.6 T134
New variety of forage turnip 'Akane-Kabu'. (Jap) Yoshioka, S *Takada Hokuriku Agr Exp Sta Bull* 14: 1-10. Eng. Sum. Mar 1972

067368 451 R92
Heterosis in reciprocal crosses of winter wheat. (Rus) Kuzina, A M *Tr Prikladnoi Bot Genet Selek* 47 (2): 110-112. 1972

067369 QH573.T75
Breeding of Rhodotorula glutinis with an increased synthesis of carotene when growing on media with oil hydrocarbon. (Rus) Kvasnikov, E I *Tsitol Genet* 7 (1): 17-20. Eng. Sum. Jan/Feb 1973

067370 QH573.T75
On genetical incompatibility between wheat cytoplasm & rye cell nuclei during hybridization. (Rus) Shulyndin, A F *Tsitol Genet* 7 (1): 37-41. Eng. Sum. Jan/Feb 1973

067371 QH573.T75
On effect of different storage terms of ethyleneimine treated barley seeds on their field germination & mutations. (Rus) Garina, K P *Tsitol Genet* 7 (1): 42-45. Eng. Sum. Jan/Feb 1973

067372 QH573.T75
Removal of damaging effect of high doses of gamma-radiation in cotton seeds treated with thermal factor. [Mutation]. (Rus) Kuliev, A M *Tsitol Genet* 7 (1): 46-50. Ref. Eng. Sum. Jan/Feb 1973

067373 QH573.T75
Role of generative selection when creating mutant lines of maize. (Rus) Strel'chuk, S I *Tsitol Genet* 7 (1): 51-54. Ref. Eng. Sum. Jan/Feb 1973

067374 QH573.T75
Phenotypic description & genetics analysis of new sources of ba1 gene in maize. (Rus) Miku, V E *Tsitol Genet* 7 (1): 55-58. Eng. Sum. Jan/Feb 1973

067375 QH573.T75
Study of gametogenesis in pollen grains of aneuploid sugar beet. (Rus) Shiriaeva, E I *Tsitol Genet* 7 (1): 59-60. Eng. Sum. Jan/Feb 1973

067376 QH573.T75
Amphimixis in apple tree. (Rus) Radionenko, A IA *Tsitol Genet* 7 (1): 61-66. Ref. Eng. Sum. Jan/Feb 1973

067377 QH573.T75
Comparative study of mutagene effect on diploid & tetraploid forms of buckwheat. (Rus) Egorova, L S *Tsitol Genet* 7 (1): 67-72. Ref. Eng. Sum. Jan/Feb 1973

067378 QH573.T75
Micromethod of accelerated determination of protein content in wheat applicable in genetical investigations. (Rus) Sichkar, V I *Tsitol Genet* 7 (1): 77-78. Eng. Sum. Jan/Feb 1973

067379 442.8 T78
Effect of fractionated gammaand neutron irradiation on root-tip cells. [Chromosome aberrations, Broadbeans]. (Rus) Paribok, V P *Tsitologiya* 15 (4): 478-481. Ref. Eng. Sum. Apr 1973

067380 474 UM7
Gene centers of peanuts of soybeans. (Ger) Leppik, E E *Umschau* 73 (7): 214-215. Map. Eng. Sum. Apr 1, 1973

067381 S542.R6U5
Mutagenic effect of X rays & ethylmetansulfonate on beans in generation of M3 & M4. (Rum) Marghitu, V *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 105-109. Eng. Sum. 1971 (Pub. 1972)

067382 S542.R6U5
Aspects of obtaining seeds of Senecio cruentus. (Rum) Zavoi, A *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 269-275. Ref. Eng. Sum. 1971 (Pub. 1972)

067383 442.8 ER3
Genetic & functional organization of chromosomes of higher plants & animals. (Rus) Akif'ev, A P *Usp Sovrem Biol* 74 (3): 401-419. Ref. Nov/Dec 1972

067384 20 AK16
Effect of ultraviolet ray irradiation of parental varieties on heterotic effect in F1 generation of eggplant. (Rus) Popova, D *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 55-57. Jan 1973

067385 95.8 V77
Prospects for remote hybridization in grape beeeding. (Rus) Filippenko, I M *Vinodelie Vinogradarstvo Sssr* 1: 33-34. 1973

067386 20 V82
Fruit crop breeding operations in Transcarpathian region. (Ukr) Zaiets', V A *Visnyk Sil's'kohospodar Nauk* 2: 74-78. Feb 1973

067387 20 V82
Genetic signal traits of winter wheat varieties & their manifestation in crosses. (Ukr) Zelens'kyi, M O *Visnyk Sil's'kohospodar Nauk* 3: 37-41. 1973

067388 S13.V9
Polyploids in perenial forage crops. XXIV. Polyploidy induction with colchicine treatment after decapitation of first right leaf of red clover (Trifolium pratense L.). (Slo) Mistinova, A *Vysk Ustav Rast Vyroby Ved Pr* 10: 101-108. Eng. Sum. 1972

067389 S13.V9
Evalutaion of sorghum varieties according to their reaction upon cytoplasmic pollen sterility. (Slo) Sinska, J *Vysk Ustav Rast Vyroby Ved Pr* 10: 69-77. Ref. Eng. Sum. 1972

067390 S13.V9
Polyploids in perenial forage crops. XXIII. Influence of different methods on frequence of appearance of polyploids in red clover (Triofolium prattense L.). (Slo) Riman, L *Vysk Ustav Rast Vyroby Ved Pr* 10: 79-99. Ref. Eng. Sum. 1972

067391 95.8 W73
Selected plant has higher yield value. [Grapes]. (Ger) Weiss, H *Winzer* 28 (12): 277-278. Dec 1972

PLANT PHYSIOLOGY AND BIOCHEMISTRY — GENERAL

067392 505 P21 (3)
Does tartric acid content of leaf blades of Virginia creeper (Parthenocissus tricuspidata Planchon) depend on an abundance of potassium? (Fre) Calmes, J *Acad Sci (paris) C R Ser D* 275 (13): 1379-1382. Sept 25, 1972

067393 11 AC82
Ionic relationships of soil & plant. IV. Ion uptake in relation to membrane activity & soil moisture. [Peas, wheat]. Mattson, S *Acta Agr Scand* 23 (1): 11-16. 1973

067394 450 AC823
Effect of arctiine on germination, on root tissues & on nucleic acids. Szabo, M *Acta Bot* 18 (1/2): 187-201. 1973

067395 450 AC823
Histochemical & histoautoradiographic examination of alkaloid localization in vegetative organs of Datura innoxia Mill. Verzar-Petri, G *Acta Bot* 18 (1/2): 257-271. Ref. 1973

067396 450 AC823
Cytophotometric studies on DNA contents of diploid Lotus species. Sz.-Borsos, O *Acta Bot* 18 (1/2): 49-58. Ref. 1973

067397 22.5 AG862
Studies on relationship between several physiological functions of plant & D.P.D. [diffusion pressure deficit] of leaves & soil moisture stress. (Chi) Chen, C Y *Agric Assoc China J* (New Ser.) 80: 26-40. Dec 1972

067398 385 AG84
Iron in plant nutrition. Zhiznevskaya, G *Agrochimica* 17 (1/2): 46-48. Ref. Eng. Sum. Dec 1972/feb 1973

067399 385 AG89
Some new paths in development of theory of D. N. Prianishnikov on nitrogen in agriculture in USSR. (Rus) Sapozhnikov, N A *Agrokhimiia* 2: 3-13. Ref. Feb 1973

067400 442.9 AK18
Effect of environmental factors on algae count in main soil types of Estonian SSR. (Est) Riis, H *Akad Nauk Est Ssr Izv Ser Biol* 21 (3): 199-206. Ref. Eng. Sum. 1972

067401 442.8 AL6
Distribution & accumulation of boron in various organs of certain species of Artemisia. (Rus) Schetinina, V I *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 2: 27-30. Mar/Apr 1973

067402 511 AK192D
Biochemical characteristics of roots & green mass of Polygonum coriarium. 12. Dyamics of carbohydrates & their distribution in roots. (Rus) Pipinys, J *Akad Nauk Litov Ssr Darbai Tr Ser C* 3 (59): 49-57. Ref. Eng. Sum. 1972

067403 511 AK192D
Polarization of starch phosphorylase activity in lateral direction of axial organs during geotropic reaction of plants. [Wheat, beans]. (Rus) Rupainiene, O *Akad Nauk Litov Ssr Darbai Tr Ser C* 3 (59): 59-65. Ref. Eng. Sum. 1972

067404 511 SA2B
Water metabolism of plants under conditions of oxygen deficit. (Rus) Grineva, G M *Akad Nauk Sssr Izv Ser Biol* 1: 13-25. Ref. Eng. Sum. Jan/Feb 1973

067405 511 SA2B
Extracellular RNase C2 Aspergillus clavatus: Purification & amino acid composition. (Rus) Morozova, V G *Akad Nauk Sssr Izv Ser Biol* 6: 865-871. Ref. Nov/Dec 1972

067406 511 P444A
Cytogenetic effect of sodium chloride on tissue culture of Crepis capillaris. (Rus) Strogonov, B P *Akad Nauk SSsr Dokl* 209 (1): 243-245. 1973

067407 511 P444A
Quantum output of primary act of energy formation in relation to photosynthesis. (Rus) Sorokin, E M *Akad Nauk SSsr Dokl* 209 (5): 1227-1229. 1973

067408 442.9 AK124
On biology of seed germination of Ammodendron section of Astragalus. (Rus) Seifulin, E M *Akad Nauk Turkm Ssr Izv Ser Biol Nauk* 5: 37-40. Eng. Sum. 1972

067409 381 AM33J
Steganacin & steganangin, novel antileukemic ligman lactones from Steganotaenia araliacea. Kupchan, S M *Amer Chem Soc J* 95 (4): 1335-1336. Ref. Feb 21, 1973

067410 450 AM36
In vitro secretion of growth regulators by isolated callus tissues. Lin, A *Amer J Bot* 60 (1): 34-41. Ref. Jan 1973

067411 506 SP12
Growth promoting activity of Ericaceae species. (Spa) Consolacion Salas, M *An Edafol Agrobiol* 31 (11/12): 1001-1009. Ref. Eng. Sum. Nov/Dec 1972

067412 381 AN1
Determination of total nitrogen in plant materials with an automatic nitrogen analyser. Fiedler, R *Anal Chim Acta* 63 (2): 435-443. Feb 1973

067413 450 AN75
Contribution to study of role played by phenolic compounds in morphogenetic phenomena manifested by some plant tissues. (Fre) Paupardin, C *Ann Sci Natur Bot Biol Veg* 13 (2): 141-210. Ref. Eng. Sum. Apr/June 1972

067414 450 AN75
Experimental study on initiation & growth of premature lateral roots of cacao plants (Theobroma cacao L.). (Fre) Dyanat-Nejad, H *Ann Sci Natur Bot Biol Veg* 13 (2): 211-246. Ref. Eng. Sum. Apr/June 1972

067415 451 C21
Simultaneous measurements of oxygen effects on net photosynthesis & glycolate metabolism in C3 [carbon] & C4 [carbon] species of Atriplex. Osmond, C B *Annu Rep Dep Plant Biol Carnegie Inst* P. 141-148. Ref. 1972

067416 RM265.A5132
Microbial production of tenuazonic acid analogues. [Alternaria tenuis]. Gatenbeck, S *Antimicrob Agents Chemother* 3 (2): 308-309. Feb 1973

067417 RM265.A5132
Study of antibacterial activity & bacteriology of latex from Asclepias syriaca L. McCay, S *Antimicrob Agents Chemother* 3 72): 247-253. Ref. Feb 1973

067418 448.3 AP5
Some properties of acid protease from thermophilic fungus, Penicillium duponti D1014. Hashimoto, H *Appl Microbiol* 25 (4): 578-583. Ref. Apr 1973

067419 448.3 AP5
Production and purification of acid protease from the thermophilic fungus, Penicillium duponti K1014. Hashimoto, H *Appl Microbiol* 25 (4): 584-588. Ref. Apr 1973

067420 448.3 AP5
Flocculant & chemical properties of a polysaccharide from Pullularia pullulans. Zajic, J E *Appl Microbiol* 25 (4): 628-635. Ref. Apr 1973

067421 448.3 AP5
Distribution of steroid 1-dehydrogenation & side-chain degradation enzymes in spores of Fusarium solani: causes of metabolic lag & carbohydrate independence. Plourde, R *Appl Microbiol* 25 (4): 650-658 ref. Apr 1973

067422 448.3 AP5
Biological & chemical detection of trichothecene mycotoxins of Fusarium species. Ueno, Y *Appl Microbiol* 25 (4): 699-705. Ref. Apr 1973

067423 381 AR2
Pyridine nucleotide biosynthesis in Claviceps. [Purpurea]. Audette, R C S *Arch Biochem Biophys* 154 (1): 173-184. Ref. Jan 1973

067424 442.8 AR26
Carbohydrate metabolism during differentiation (sclerotization) of myxomycete Physarum flavicomum. Lynch, T J *Arch Mikrobiol* 90 (3): 189-198. 1973

067425 442.8 AR26
Biosynthetic pathway of rRNA in blue-green algae (Anacystis nidulans). (Ger) Seitz, U *Arch Mikrobiol* 90 (3): 213-222. Eng. Sum. 1973

067426 439.8 AR2
Mitosis in Harpochytrium. Whisler, H C *Arch Protistenkunde* 115 (1): 69-74. Ref. 1973

067427 61.9 AS7N
Abstracts of papers presented at annual meeting. [Association of Official Seed Analysts]. Ednie, A B *Ass Off Seed Anal News Lett* 47 (2): 17-24. May 1973

067428 61.9 AS7N
Germination testing of Mentha peperita (peppermint) seed in laboratory. Heit, C E *Ass Off Seed Anal News Lett* 47 (2): 27-29. May 1973

067429 61.9 AS7N
Light sensitiveness of Kalanchoe [blossfeldiana] seed during laboratory testing for germinations. Heit, C E *Ass Off Seed Anal News Lett* 47 (2): 29-32. May 1973

067430 23 AU7322T
Measurement of photosynthetic rate using labelled carbon dioxide. McWilliam, J R *Australia Cmmnwlth Sci Indus Res Organ Div Plt Ind Tech Pap* 31, 12 P. Ref. 1973

067431 QH301.B3
Induction of a plasma membrane-bound Co2 [carbon dioxide] activated aminopeptidase in Neurospora. Wiley, W R *AEC Res Devel Rep Battelle Pac Northwest Lab* 1 (1): 38-42. Sept 1972

067432 QH301.B3
Physiological studies of trp-2e mutant in Neurospora crassa. Turner, J R *AEC Res Devel Rep Battelle Pac Northwest Lab* 1 (1): 43-46. Sept 1972

067433 QH301.B3
Regulation of exocellular proteases in Enurospora crassa. I. Induction & repression of enzyme synthesis. Drucker, H *AEC Res Devel Rep Battelle Pac Northwest Lab* 1 (1): 53-58. Sept 1972

067434 QH301.B3
Regulation of exocellular proteases in Neuropsora crassa. II. role of specific proteases in induction. Drucker, H *AEC Res Devel Rep Battelle Pac Northwest Lab* 1 (1): 58-69. Sept 1972

067435 448.3 B13
Physiology & cytological chemistry of blue-green algae. Wolk, C P *Bacteriol Rev* 37 (1): 32-101. Ref. Mar 1973

067436 450 C66
Variations in enzyme samples of protonema, moss seedlings sporogone & callus of leafy musci crosses Funaria hygrometrica X Physcomitrium piriforme. (Ger) Rothe, G *Beitr Biol Pflanz* 48 (3): 433-444. Ref. Eng. Sum. 1972

067437 66.8 B392
Hydroponics: growing plants without soil. Suilleabhain, A N O *Biatas* 26 (12): 555-558. Mar 1973

067438 442.8 B5236
Circular dichroism of a membrane protein of Neurospora crassa. Ji, T H *Biochem Biophys Res Commun* 51 (4): 829-835. Ref. Apr 16, 1973

067439 442.8 B5236
A method for extracting intact chloroplast & cytoplasmic ribosomal RNA from leaves. [Canavalia ensiformis, tobacco]. Bourque, D P *Biochem Biophys Res Commun* 51 (4): 993-999. Ref. Apr 16, 1973

067440 QR73.B5
Actual biochemical block in arg-2 mutant of Chlamydomonas reinhardi. Strijkert, P J *Biochem Genet* 8 (3): 239-248. Ref. Mar 1973

067441 382 B52
Metabolism of methylamine in tea plant (Thea sinensis L.). Suzuki, T *Biochem J* 132 (4): 753-763. Ref. Apr 1973

067442 381 B522
An NAD (P) [nicotinamide adenine dinucleotide phosphate] reductase derived from Chlorobium thiosulfatophilum: purification & some properties. Kusai, A *Biochim Biophys Acta* 292 (3): 621-633. Ref. Apr 5, 1973

067443 381 B522
Isolation & properties of chloroplast particles of scenedesmus obliquus D3 with high photochemical activity. Berzborn, R J *Biochim Biophys Acta* 292 (3): 700-714. Ref. Apr 5, 1973

067444 381 B522
Effects of carbon dioxide concentration on oxygen evolution & fluorescence transients in synchronous cultures of Chlorella pyrenoidosa. Slovacek, R E *Biochim Biophys Acta* 292 (3): 729-740. Ref. Apr 5, 1973

067445 381 B522
Limiting steps in photosystem II & water decomposition in Chlorella & spinach chloroplasts. Bouges-Bocquet, B *Biochim Biophys Acta* 292 (3): 772-785. Ref. Apr 5, 1973

067446 381 B522
Beta-L-arabinosidase from cajanus indicus: a new enzyme. Dey, P M *Biochim Biophys Acta* 302 (2): 393-398. Ref. Apr 12, 1973

067447 381 B522
Kinetic studies on aggregation of kappa-casein by Mucor pusillus protease. Sanner, T *Biochim Biophys Acta* 303 (1): 68-76. Ref. Mar 23, 1973

067448 381 B522
Light-induced changes in fluorescence yield of chlorophyll a in Anacystis nidulans. I. Relationship of slow fluorescence changes with structural changes. Mohanty, P *Biochim Biophys Acta* 305 (1): 95-104. Ref. Apr 27, 1973

067449 383 SO1
Isolation & characterization of cytoplasmic & chloroplastic 5S RNAs in unicellular green alga Chlorella. Galling, G *Biochimie* 54 (10): 1257-1265. Ref. 1972

067450 450 B52
An acetylcholine-like substance in Porophyllum lanceolatum. Horton, E W *Biol Plant* 15 (2): 150-151. 1973

067451 450 B52
Retardation of inflorescence development in Calendula officinalis by a morphactin & its application. Ram, H Y M *Biol Plant* 15 (2): 152-154. 1973

067452 450 B52
Reversal of cycocel induced inhibition of radicle growth by L-triethylammonium iodide. [Guar]. Tewari, M N *Biol Plant* 15 (2): 157-159. 1973

067453 450 B52
Directed neoformation of organ fragments of Torenia fournieri (Lind.) cultivated in vitro. (Fre) Chlyah, H *Biol Plant* 15 (2): 80-87. Ref. Eng. Sum. 1973

067454 442.8 B5294AE
Content of free radicals in different parts of hybrid & inbred seeds. [Corn, onions]. Grigor'eva, N N *Biophysics* 17 (3): 579-582. 1972 (Transl. Feb 1973)

067455 442.8 B5294AE
Kinetics of fluorescence of chlorophyll in pigment mutants of Chlamydomonas reinhardii Dang. Kiknadze, G S *Biophysics* 17 (3): 72-478. Ref. 1972 (Transl. Feb 1973)

067456 450 B652
Irreversible flower initiation of Chenopodium rubrum seedlings & excised stem tips. Fossard, R A De *Bot Gaz* 134 (1): 11-16. Mar 1973

067457 450 B652
Histochemical localization of enzymes in Tapinanthus bangwensis & its hosts: alkaline phosphatase & beta-glucosidase. [Parasitic plants]. *Bot Gaz* 134 (1): 39-46. Ref. Mar 1973

067458 450 B6527
Mineral absorption process in plants. Higinbotham, N *Bot Rev* 39 (1): 15-69. Ref. Jan/Mar 1973

067459 451 B76
Nutrition of Melampsora lini & Puccinia helianthi. Coffey, M D *Brit Mycol Soc Trans* 60 (2): 245-260. Ref. Apr 1973

067460 451 B76
Production of volatile metabolites by species of Fomes. Cowan, M I *Brit Mycol Soc Trans* 60 (2): 347-351. Apr 1973

067461 451 B76
Germination of three spore forms of Mammaria echinobotryoides. Park, D *Brit Mycol Soc Trans* 60 (2): 351-354. Apr 1973

067462 79.9 B77
Germination periodicity, plant survival & seed production in populations of Avena fatua L. Growing in spring barley. Chancellor, R J *Brit Weed Contr Conf Proc* 11Th conf., V.1: 218-225. 1972

067463 79.9 B77
A study on survival of wild oats (Avena fatua) seeds buried in farm yard manure & fed to bullocks. Kirk, J *Brit Weed Contr Conf Proc* 11Th conf., V.1: 226-233. 1972

067464 79.9 B77
Differences in growth of four clones of Agropyron repens (L.) Beauv. Pooswang, W *Brit Weed Contr Conf Proc* 11Th conf., V.1: 38-45. 1972

067465 79.9 B77
Implications of 'late spring dormancy' in rhizones of Agropyron repens (L.) Beauv. in Britain. Leakey, R R B *Brit Weed Contr Conf Proc* 11Th conf., V.1: 46-49. Ref. 1972

067466 79.9 B77
Effects of gravity & temperature upon reassertion of dominance in fragmented rhizomes of Agropyron repens (L.) Beauv. Leakey, R R B *Brit Weed Contr Conf Proc* 11Th conf., V.1: 50-56. Ref. 1972

067467 414.9 R86B
Comparative study of primary production realized by some planktonic fresh water algae. [Chlamydomonas globulosa]. (Rum) Chiosila, I *Bucharest Inst Cercet Proiectari Piscicole Bul* 31 (1/2): 21-29. Eng. Sum. Jan/June 1972

067468 414.9 R86B
Competitive aspects in algae. (Rum) Gavrila, L *Bucharest Inst Cercet Proiectari Piscicole Bul* 31 (1/2): 31-58. Ref. Eng. Sum. Jan/June 1972

067469 41.8 B872
Hepatotoxic & carcinogenic effects of some East African plants. Schoental, R *Bull Epizoot Dis Afr* 20 (4): 301-302. Ref. Dec 1972

067470 442.9 P21
Study of antimitotic properties of antipyrine on animal cell cultured in vitro: Comparison with effects on plant cells. (Fre) Deysson, G *C R Seances Soc Biol Fil* 166 (6/7): 780-783. 1972

067471 450 C115
Note on pulque & mezcal. [Agave]. (Spa) Gold, D B *Cactaceas Suculentas Mex* 18 (1): 27-28. Eng. Sum. Jan/Mar 1973

067472 68.8 C112
Contribution to study of in vitro cultivation of coffee tree embryos: Action of caffeine. (Fre) Colonna, J P *Cafe Cacao The* 16 (3): 193-203. Ref. Eng. Sum. July/Sept 1972

067473 QH91.A1C3
One hundred years of research on marine plant biology at Biological Station of Roscoff. (Fre) Feldmann, J *Cah Biol Mar* 13 (5): 597-606. 1972

067474 442.9 C16J
A quantitative, semiroutine method for determining algal & sedimentary chlorophyll derivatives. Daley, R J *Can Fish Res Bd J* 30 (3): 345-356. Ref. Mar 1973

067475 470 C16E
Structural analysis of an acidic polysaccharide from Tremella mesenterica NRRL Y-6158. Fraser, C G *Can J Biochem* 51 (3): 219-224. Ref. Mar 1973

067476 470 C16E
Structural features inhibiting cross-reaction of acidic polysaccharide from Tremella mesenterica with a type II anti-pneumococcal serum. Fraser, C G *Can J Biochem* 51 (3): 225-230. Ref. Mar 1973

067477 470 C16C
Effect of nitrate, nitrite, & ammonia on photosynthesis by Acetabularia chloroplast preparations compared with spinach chloroplasts & whole cells of Acetabularia & Dunaliella. Grant, B R *Can J Bot* 50 (12): 2535-2543. Ref. Dec 1972

067478 470 C16C
Influence of antagonism & a few growth regulators on vegetative or floral development of cotyledonary buds on Scrofularia arguta. (Fre) Miginiac, E *Can J Bot* 51 (2): 465-473. Ref. Eng. Sum. Feb 1973

067479 470 C16C
Fatty acid composition of lipids in various plant cell cultures. Tattrie, N H *Can J Bot* 51 (3): 513-516. Mar 1973

067480 470 C16C
Ontogeny & histochemistry of intermediate & reproduc tive apices of Cosmos bipinnatus var. Sensation in response to gibberellin A3 & photoperiod. Molder, M *Can J Bot* 51 (3): 535-551. Ref. Mar 1973

067481 470 C16C
Co2[carbon dioxide] assimilation by Dryas integrifolia on Devon Island, Northwest Territories. Mayo, J M *Can J Bot* 51 (3): 581-588. Ref. Mar 1973

067482 470 C16C
Effect of light intensity on tumorigenesis in a Nicotiana amphiploid. Ames, I H *Can J Bot* 51 (3): 639-641. Ref. Mar 1973

067483 450 C16
Variability of plant growth within controlled-environment chambers as related to temperature & light distribution. Measures, M *Can J Plant Sci* 53 (1): 215-220. Jan 1973

067484 451 C16
Rhythm of lengthening of article of Tabernaemontana crassa Benth. 9Apocynaceae). (Fre) Prevost, M F *Candollea* 27 (2): 219-227. Ref. Eng. Sum. 1972

067485 384 B45
Natural products from fungi, 22. Oxidative cyclisation of hydroxybenzophenones. (Ger) Franch, B *Chem Ber* 106 (4): 1182-1197. Ref. Eng. Sum. 1973

067486 384 B45
Polyacetylenic compounds. 215. New constituents of Achillea species. (Ger) Bohlmann, F *Chem Ber* 106 (4): 1328-1336. Ref. Eng. Sum. 1973

067487 384 B45
Naturally occuring terpene derivatives. XXII. On a new azulene from Helichrysum bracteatum (Vent.) Willd. (Ger) Bohlmann, F *Chem Ber* 106 (4): 1337-1340. 1973

067488 382 M31C
Murrayazolinine: a carbazole alkaloid from Murraya koenigii Spreng. Chakraborty, D P *Chem Indus (london)* 7: 322-323. Apr 7, 1973

067489 QD241.K453
A study of the polysaccharides from the stems of Alcea hyrcana. Kozhina, I S *Chem Natur Compounds* 6 (4): 405-407. July /aug 1970 Transl 1973

067490 QD241.K453
Polysaccharides of brown algae. III. Pelvecyan from Pelvetia wrightii. Ovodov, Yu S *Chem Natur Compounds* 6 (4): 408-409. July/Aug 1970 Transl 1973

067491 QD241.K453
Study of oils of some species of Amygdalus. Stepanenko, G A *Chem Natur Compounds* 6 (4): 410-412. July/Aug 1970 Transl 1973

067492 QD241.K453
Gas-liquid chromatography of some natural coumarins & coumarin fractions from plants. [Prangos pabularia, Prangos hissarica]. Kuznetsova, G A *Chem Natur Compounds* 6 (4): 413-418. July/Aug 1970 Transl 1973

067493 QD241.K453
Structure of seselirin: a new chromone from roots of Seseli sessiliflorum. Savina, A A *Chem Natur Compounds* 6 (4): 419-4229 July/Aug 1970 Transl 1973

067494 QD241.K453
Use of sephadex in analysis of some flavonoids. Bandyukova, V A *Chem Natur Compounds* 6 (4): 423-424. July-/Aug 1970 Transl 1973

067495 QD241.K453
Catalytic acetylation of flavonoids. Bandyukova, V A *Chem Natur Compounds* 6 (4): 425-428. July/Aug 1970 Transl 1973

067496 QD241.K453
Structure of ursinoic acid and ursinin. [Angelica ursina]. Nikonov, G K *Chem Natur Compounds* 6 (4): 429-432. July-/Aug 1970 Transl 1973

067497 QD241.K453
Structure of isobadkhysin. stereochemistry of badkhysin & isobadkhysin. [Ferula oopoda]. Serderov, S V *Chem Natur Compounds* 6 (4): 433-436. July/Aug 1970 Transl 1973

067498 QD241.K453
Structure of ferulidin: a new sesquiterpene lactone. [Ferula oopoda]. Serkerov, S V *Chem Natur Compounds* 6 (4): 437-439. July/Aug 1970 Transl 1973

067499 QD241.K453
Triterpene glycosides of Sapindus mukorossi. Chirva, V Ya *Chem Natur Compounds* 6 (4): 440-4429 July/Aug 1970 Transl 1973

067500 QD241.K453
Triterpene glycosides of Gypsophilla trichotoma. Luchanskaya, V N *Chem Natur Compounds* 6 (4): 443-446 July/Aug 1970 Transl 1973

067501 QD241.K453
Alkoloids of Corydalis pseudoadunca & Corydalis gortschakovii. Ibragimova, M U *Chem Natur Compounds* 6 (4): 447-448. July/Aug 1970 Transl 1973

067502 QD241.K453
Determination of position of acyl groups & nature of some amino alcohols in native ester alkaloids of genus Veratrum. Bondarenko, N V *Chem Natur Compounds* 6 (4): 449-451. Ref. July/Aug 1970 Transl 1973

067503 QD241.K453
Slkaloids of Thalictrum flavum, structure of thalflavine. Umarov, Kh S *Chem Natur Compounds* 6 (4): 452-454. July/Aug 1970 Transl 1973

067504 QD241.K453
Mass spectrometry of dubinidine & dubinine, structure of isodubinidine. Bessonova, I A *Chem Natur Compounds* 6 (4): 455-458. Ref. July/Aug 1970 Transl 1973

067505 QD241.K453
Polarographic determination of galanthamine in Ungernia victoris. Volodina, A D *Chem Natur Compounds* 6 (4): 459-461. Ref. July/Aug 1970 Transl 1973

067506 QD241.K453
Pegamine: a new alkaloid from Peganum harmale. Khashimov, Kh N *Chem Natur Compounds* 6 (4): 462-464. July/Aug 1970 Transl 1973

067507 QD241.K453
Corydaine from Corydalis paczoskii. Baisheva, Kh Sh *Chem Natur Compounds* 6 (4): 465-467. July/Aug 1970 Transl 1973

067508 QD241.K453
Ranunculin & anemonin from Helleborus abchasicus. Dalakishvili, Ts M *Chem Natur Compounds* 6 (4): 473. July/Aug 1970 Transl 1973

067509 QD241.K453
Coumarins from roots of Ferula nevskii. Bagirov, V Yu *Chem Natur Compounds* 6 (4): 474. Ref. July/Aug 1970 Transl 1973

067510 QD241.K453
Isocoumarin artemidin from Artemisia dracunculus. Mallabaev, A *Chem Natur Compounds* 6 (4): 479. July/Aug 1970 Transl 1973

067511 QD241.K453
Stepwise hydrolysis of amorphin. [Amorpha]. Kasymov, A U *Chem Natur Compounds* 6 (4): 482. July/Aug 1970 Transl 1973

067512 QD241.K453
Luteolin glycosides in some plants of family Compositae. Bandyukova, V A *Chem Natur Compounds* 6 (4): 483. July/Aug 1970 Transl 1973

067513 QD241.K453
A flavonone 7-glucoside from Euphorbia condylocarpa. Roshchin, Yu V *Chem Natur Compounds* 6 (4): 485. July/Aug 1970 Transl 1973

067514 QD241.K453
Primflaside: a new flavonol blycoside from Primula turkestanica. Zakharov, A M *Chem Natur Compounds* 6 (4): 486. July/Aug 1970 Transl 1973

067515 QD241.K453
Flavonoids of Lespedeza bicolor. Glyzin, V I *Chem Natur Compounds* 6 (4): 487-488. July/Aug 1970 Transl 1973

067516 QD241.K453
Odontoside: a new iridoid from Odontites serotina. Degot, A V *Chem Natur Compounds* 6 (4): 489. July/Aug 1970 Transl 1973

067517 QD241.K453
Arbutin in some plants of genus Sedum. Krasnov, E A *Chem Natur Compounds* 6 (4): 491. July/Aug 1970 Transl 1973

067518 QD241.K453
Lactone from Inula germanica. Chugunov, P V *Chem Natur Compounds* 6 (4): 495. July/Aug 1970 Transl 1973

067519 QD241.K453
A sesquiterpene lactone from Artemisia transiliensis. Tarasov, V A *Chem Natur Compounds* 6 (4): 496. July/Aug 1970 Transl 1973

067520 QD241.K453
Sesquiterpene lactones from Artemisia halophila. Arkhipova, L I *Chem Natur Compounds* 6 (4): 497. July/Aug 1970 Transl 1973

067521 QD241.K453
Triterpene glycosides of Gleditschia triacanthos. Ali-Zade, T A *Chem Natur Compounds* 6 (4): 500. July/Aug 1970 Transl 1973

067522 QD241.K453
Tetracyclic triterpene compounds from Euphorbia condylocarpa. Roshchin, Yu V *Chem Natur Compounds* 6 (4): 501. July/Aug 1970 Transl 1973

067523 QD241.K453
A triterpene oligoside, hederacolchiside E, from Hedera colchica. Dekanosidze, G E *Chem Natur Compounds* 6 (4): 502-503. July/Aug 1970 Transl 1973

067524 QD241.K453
Triterpene glycosides of Ladyginia bucharica. Patkhullaeva, M *Chem Natur Compounds* 6 (4): 504. July/Aug 1970 Transl 1973

067525 QD241.K453
Glycosides of leaves of Eleutherococcus senticosus. Suprunov, N I *Chem Natur Compounds* 6 (4): 505. July/Aug 1970 Transl 1973

067526 QD241.K453
Triterpene blycoside from Gypsophila acutifolia. Chirva, V Ya *Chem Natur Compounds* 6 (4): 508. July/Aug 1970 Transl 1973

067527 QD241.K453
Steroid sapogenins of Tribulus terrestris. Iskenderov, G B *Chem Natur Compounds* 6 (4): 509. July/Aug 1970 Transl 1973

067528 QD241.K453
A new steroid sapogenin from Allium giganteum. Khristulas, F S *Chem Natur Compounds* 6 (4): 510. July/Aug 1970 Transl 1973

067529 QD241.K453
Kalopanax saponin b from Hedera caucasigena. Dekanosidze, G E *Chem Natur Compounds* 6 (4): 511. July/Aug 1970 Transl 1973

067530 QD241.K453
Echinatic acid from roots of Glycyrrhiza macedonica. Semenchenko, V F *Chem Natur Compounds* 6 (4): 512. July/Aug 1970 Transl 1973

067531 QD241.K453
Structure of hederacaucaside B, a saponin from Hedera caucasigena. Dekanosidze, G E *Chem Natur Compounds* 6 (4): 513-514. July/Aug 1970 Transl 1973

067532 QD241.K453
Alkaloids of Elaeagnus angustifolia. Nikolaeva, A G *Chem Natur Compounds* 6 (4): 517. July/Aug 1970 Transl 1973

067533 QD241.K453
Structure of parfumidine. [Fumaria parviflora]. Israilov, I A *Chem Natur Compounds* 6 (4): 518. July/Aug 1970 Transl 1973

067534 QD241.K453
Optical rotatory dispersion of sparteine alkaloids. Iskandarov, S *Chem Natur Compounds* 6 (4): 519-520. July/Aug 1970 Transl 1973

067535 QD241.K453
Alkaloids of Delphinium grandiflorum. Mats, M N *Chem Natur Compounds* 6 (4): 521. July/Aug 1970 Transl 1973

067536 RM1.C5
Studies on bile-sensitive lipase. X. Preparation & properties of carrier-bound Mucor [javanicus] lipase. Ogiso, T *Chem Pharm Bull* 20 (2): 2542-2550. Ref. Dec 1972

067537 QD241.C5
New corynanthe alkaloids from Strychnos angustiflora. Au, T Y *Chem Soc J Perkin Trans I, Org Bio-org Chem* 1: 13-16. Ref. 1973

067538 QD241.C5
Studies in mycological chemistry. XXX. Isolation & structure of purpuride, a metabolite of Penicillium purpurogenum Stoll. King, T J *Chem Soc J Perkin Trans I, Org Bio-org Chem* 1: 78-80. Ref. 1973

067539 QD241.C5
Phenol oxidation & biosynthesis. Part XXII. alkaloids of Erythrina lysistemon, Erythrina Abyssinica, Erythrina Poeppigiana, Erythrina fusca, & Erythrina li Barton, D H R *Chem Soc J Perkin Trans I, Org Bio-org Chem* 5: 874-880. Ref. 1973

067540 QH345.C5
Conversion of pyrrolizidine alkaloid retrorsine to pyrrolic derivatives in vivo & in vitro & its acute toxicity to various animal species. [Senecio isatideus]. White, I N H *Chem-biol Interactions* 6 (4): 207-218. Ref. Apr 1973

067541 385 C444
Xanthone research in leaves of Gentiana bavarica 1. Preliminary note. (Fre) Hostettmann, K *Chimia* 27 (4): 215. Apr 16, 1973

067542 385 C68
On terpenes. CCXXI. structure of alatolide, a sesquiterpenic lactone from Jurinea alata Cass. Drozdz, B *Collect Czech Chem Commun* 38 (3): 727-730. Ref. Mar 1973

067543 385 C68
On terpenes. CCXXII. structure of archangelolide, a sesquiterpenic lactone from Laserpitium archangelica Wulf. Holub, M *Collect Czech Chem Commun* 38 (3): 731-738. Ref. Mar 1973

067544 385 C68
On terpenes. CCXXIII. structure of nemosenins A, B, C, D, & senemorin, new furoeremophilane derivatives from Senecio nemorensis, subsp. Fuchsii. Novotny, L *Collect Czech Chem Commun* 38 (3): 739-764. Ref. Mar 1973

067545 S590.C63
Comparative effectiveness of several d-amino acid oxidases. [Assay methods, soil extract, plant extract]. Young, J L *Commun Soil Sci Plant Anal* 4 (2): 129-135. Ref. 1973

067546 41.8 C81
Selenium in food chain. [Soils, plants, animals]. Allaway, W H *Cornell Vet* 63 (2): 151-170. Ref. Apr 1973

067547 22.5 C88
Studies on growth of tobacco roots. XI. Effect of root-cutting & no aeration to roots on contents of nicotine in whole leaves. (Jap) Nagao, T *Crop Sci Soc Japan Proc* 42 (1): 1-5. Eng. Sum. Mar 1973

067548 22.5 C88
Effect of temperature on vegetative growth in four ecotypes of Paspalum distichum L. Ikeda, H *Crop Sci Soc Japan Proc* 42 (1): 131-134. Mar 1973

067549 475 SCI23
Translocation of radionuclides in plants. Mistry, K B *Cur Sci* 42 (4): 141-142. Feb 20, 1973

067550 475 SCI23
Photoperiodic responses of some species of Marsilea. Gopal, B *Cur Sci* 42 (8): 292-293. Ref. Apr 20, 1973

067551 475 SCI23
Effect of chronic gamma irradiation on nodulation of Vigna catjang. Murthy, N B K *Cur Sci* 42 (8): 295-296. Apr 20, 1973

067552 QH573.C9
A cytochemical study of wound-healing protein in Bryopsis hypnoides. Burr, F A *Cytobios* 6 (24): 199-215. Ref. Dec 1972

067553 QR1.C7
Heterotrophic growth of microalgae. Van Baalan, C *CRc Crit Rev Microbiol* 2 (2): 229-255. Ref. Jan 1973

067554 HD1401.D6
Role of potassium and cation equilibrium in the resistance of the plant to parasites and diseases. (Fre) Chaboussou, F *Doc Tech SCpa (soc Commer Potasses Azote)* 16, 26 P. Ref. First Quarter 1973

067555 512 SO2
Certain new concepts on chemistry of cation exchange between root adsorption of plants & soil adsorption. (Fre) Ganev, S I *Dokl Bolg Akad Nauk* 25 (10): 1367-1370. Ref. 1972

067556 512 SO2
On iridoids of Erythraea centaurium Pers. Popov, S S *Dokl Bolg Akad Nauk* 25 (9): 1225-1228. Ref. 1972

067557 512 SO2
Sesquiterpene hydrocarbons in Bulgarian zdravetz (Geranium macrorrhizum L.) oil. Tsankova, E T *Dokl Bolg Akad Nauk* 25 (9): 1229-1231. 1972

067558 QD453.A353
Participation of triplet state in photooxidation of chlorophyll. Chibisov, A K *Dokl Phys Chem* 205 (1/3): 577-580. July 1972 Transl Jan 1973

067559 410 EC7
Continuous measurement of carbon dioxide evolution from partitioned forest floor components. Edwards, N T *Ecology* 54 (2): 406-412. Ref. Early Spring 1973

067560 410 EC7
Net photosynthesis of Cladonia mitis (Sand.) from sun & shade sites on Wisconsin Pine Barrens. Lechowicz, M J *Ecology* 54 (2): 413-419. Ref. Early Spring 1973

067561 410 EC7
Dispersion, dispersal, & persistence of annual intertidal alga, Postelsia palmaeformis Ruprecht. Dayton, P K *Ecology* 54 (2): 433-438. Early Spring 1973

067562 QH540.E3
Influence of soil humidity on entering of strontium-90 into plants. (Rus) Molchanova, I V *Ekologiia* 3: 78-80. 1972

067563 TD172.E52
Investigations on effect of tobacco smoke condensate on seed germination of higher plants. Bhalla, P R *Environ Pollut* 4 (3): 237-242. Apr 1973

067564 450 EU6
Effect of temperature during growth & flowering on seed set of tetraploid Freesia. Kho, Y O *Euphytica* 22 (1): 35-38. Mar 1973

067565 450 EU6
Some evidence for genetically controlled variation in photosynthetic rate of oil palm seedlings. [Elaeis guineensis]. Corley, R H V *Euphytica* 22 (1): 48-55. Ref. Mar 1973

067566 10 EX72
Application, absorption & translocation of boron in oil palm. I. Methods of application & types of boron fertilizer. Rajaratnam, J A *Exp Agr* 9 (2): 129-139. Apr 1973

067567 10 EX72
Application, absorption & translocation of boron in oil palm. Ii. Age of palm, frequency of application & influence on N & K. [Nitrogen, potassium]. Rajaratnam, J A *Exp Agr* 9 (2): 141-145. Apr 1973

067568 475 EX7
Cannabivarichronmene, a new cannabinoid with a propyl side chain in Cannabis. Zeeuw, R A De *Experientia* 29 (3): 260-261. Mar 15, 1973

067569 475 EX7
Effects of fruit on ribulosediphosphate carboxylase activity in Citurs madurensis leaves. Tung, H F *Experientia* 29 (3): 271-272. Mar 15, 1973

067570 475 EX7
Coumarins of Angelica pachycarpa. Mendez, J *Experientia* 29 (3): 371-372. Mar 15, 1973

067571 475 EX7
Genus Crotalaria. XIII. Crobarbatine, a new pyrrolizidine alkaloid of Crotdaria barbata R. Suko, J *Experientia* 29 (4): 390. Apr 15, 1973

067572 475 EX7
Nitrogen metabolism of green plants. I. Reversible plastid transformation in glucose stimulated cultures of Spirodela oligorrhiza, a consequence of nitrogen deficiency. (Ger) Grob, E C *Experientia* 29 (4): 398-400. Eng. Sum. Apr 15, 1973

067573 475 EX7
Nitrogen metabolism of green plants. II. Effect of exogenous glucose on nitrate & ammonium uptake from soluble nutrient & on protein content of Spirodela oligorrhiza. (Ger) Grob, E C *Experientia* 29 (4): 401-402. Ref. Eng. Sum. Apr 15, 1973

067574 475 EX7
Localization of ions in cells of Potamogeton lucens L. Ramati, A *Experientia* 29 (4): 497-501. Ref. Apr 15, 1973

067575 HD1775.O3A3
Implications of NMPF [National Milk Producers Federation] supply management proposal. Jacobson, R E *ESM Coop Ext Serv Ohio State Univ* 187: 24-29. Mar 1973

067576 QK1.F5
Reduction of Mn(III)-pheophorbide in presence of high-molecular compounds. [Photosynthesis]. (Rus) Glikman, T S *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 4 (4): 385-389. Ref. Eng. Sum. July/Aug 1972

067577 QK1.F5
Transformation of barograph & hygrograph readings to electric values. [Plant research]. (Rus) Stetsenko, N D *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 4 (4): 432-434. Eng. Sum. July-/Aug 1972

067578 QK1.F5
On 59th anniversary of USSR formation. Results & tasks of researches on plaant physiology, biochemistry, photosynthesis & radiobiology in Ukrainian SSR. (Rus) Vlasiuk, P A *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 4 (6): 563-577. Nov/Dec 1972

067579 QK1.F5
On water regime of chloroplasts. (Rus) Gusev, N A *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 4 (6): 584-589. Ref. Eng. Sum. Nov/Dec 1972

067580 QK1.F5
Change in specific activity of carotenoids under conditions prevailing in labelled medium. [Elodea canadensis, Dunaliella salina]. (Rus) Lutsenko, G N *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 4 (6): 608-613. Ref. Eng. Sum. Nov/Dec 1972

067581 QK1.F5
On substances of thermophilic alga Plectonema boryanum which modify radiation injury of higher plants. (Rus) Daskaliuk, A P *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 4 (6): 619-624. Ref. Eng. Sum. Nov/Dec 1972

067582 QK1.F5
Express-method & instruments for diagnosis of frost-resistance of plants. (Rus) Osipov, A V *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 4 (6): 650-655. Eng. Sum. Nov/Dec 1972

067583 QK1.F5
On 70th anniversary of Andrei L'vovich Kursanov. [Plant physiology]. (Rus) Vlasiuk, P A *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 5 (1): 102-106. Jan/Feb 1973

067584 QK1.F5
Works of Academician N. G. Kholodnyi as classics of plant physiology, & his hormone theory of tropisms. (Rus) Chailakhian, M Kh *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 5 (1): 3-12. Ref. Jan/Feb 1973

067585 QK1.F5
Change in composition of steroids in process of Indian mustard ripening. (Rus) Kharchenko, L N *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 5 (1): 90-94. Ref. Eng. Sum. Jan/Feb 1973

067586 450 F58
Free proline & water deficit in plant tissues. (Rus) Bito, M *Fiziol Rast (mosc)* 20 (2): 233-239. Ref. Eng. Sum. Mar-Apr 1973

067587 450 F58
Microscopical data on content & distribution of water in frozen cells. (Rus) Krasavtsev, O A *Fiziol Rast (mosc)* 20 (2): 239-244. Ref. Eng. Sum. Mar-Apr 1973

067588 450 F58
Effect of imidazole on metabolism of fatty acids after recovery of Fhlorella cells after nitrogen starvation. (Rus) Kliachko-Gurvich, G L *Fiziol Rast (mosc)* 20 (2): 326-332. Ref. Eng. Sum. Mar/Apr 1973

067589 450 F58
Aftereffect of growth regulators in physiological state of cuttings. (Rus) Abdullaeva, T M *Fiziol Rast (mosc)* 20 (2): 353-357. Ref. Eng. Sum. Mar/Apr 1973

067590 450 F58
Effect of treatment with chlorocholine chloride on content of auxins & inhibitors in honeysuckle buds. [Lonicera]. (Rus) Matrenina, R M *Fiziol Rast (mosc)* 20 (2): 358-364. Ref. Eng. Sum. Mar/Apr 1973

067591 450 F58
A new dynamic method for determination of absorptive abili-. (Rus) Mazel, IU IA *Fiziol Rast (mosc)* 20 (2): 418-422. Eng. Sum. Mar/Apr 1973

067592 442.8 F71
Studies on nutrition of fungi. VII. Response of eight Fusarium species to raffinose carbon & glycine nitrogen in Czapek's liquid medium. Husain, S S *Folia Biol (warsaw)* 20 (4): 389-393. 1972

067593 14 F844B
Water excess & plant reaction. (Fre) Duthion, C *France Min Agr Bull Tech Inform* 2 (Special No. 273/274): 1071-1076. Ref. Eng. Sum. Sept/Oct 1972

067594 QH96.F6
Upper limit of photosynthetic productivity by phytoplankton: evidence from Ethiopian soda lakes. Talling, J F *Freshwater Biol* 3 (1): 53-76. Ref. Feb 1973

067595 QH96.F6
Seasonal periodicity of planktonic diatoms in a shallow eutrophic lake. Reynolds, C S *Freshwater Biol* 3 (1): 89-110. Ref. Feb 1973

067596 QD415.F4
Hydrolysis of intact leaf starch grains by glucamylase & alpha-amylase. Bailey, R W *FEbs Lett (fed Eur Biochem Soc)* 31 (2): 203-204. Apr 15, 1973

067597 QD415.F4
Nitrate reduction by higher plant peroxidase. Ivanova, N N *FEbs Lett (fed Eur Biochem Soc)* 31 (2): 229-232. Apr 15, 1973

067598 307.8 G76
Lipase from Gloesporium olivarum Alm mold. (Spa) Mazuelos Vela, F *Grasas Aceites* 23 (6): 432-435. Eng. Sum. Nov/-Dec 1972

067599 443.8 H42
Variation in wild populations of Papaver dubium. Vii. Germination time. Arthur, A E *Heredity* 30 (2): 189-197. Ref. Apr 1973

067600 384 H622
Electron-cytochemical demonstration of acid phosphatase & thiolacetic acid-esterase activity in granular structures of phagotrophic slime mold, Physarum confertum Macbr. Bauer, L *Histochemie* 34 (3): 265-269. Ref. Mar 1, 1973

067601 448.2 H653
Toxigenic algae. [Chrysophyceae, Dinophyceae, Cyanophyceae]. Shilo, M *Hockenhull, David John Darlington Prog Ind Microbiol* 11: 233-265. Ref. 1972

067602 448.2 H653
Carotenoids in fungi & non-photosynthetic bacteria. Goodwin, T W *Hockenhull, David John Darlington Prog Ind Microbiol* 11: 29-88. Ref. 1972

067603 64.8 H66
Determination of anthocyanins by thin-layer chromatography. [Plants]. (Pol) Muszynski, S *Hodowla Roslin Aklimatyzacja Nasiennictwo* 16 (2): 165-172. Ref. Eng. Sum. 1972

067604 QK867.C65 1970
Interacting effects of nutrients, growth factors & evvironments on metabolism & growth. [Plants]. Steward, F C *In Colloquium on Plant Analysis and Fertilizer Problems, 6 Th, Tel-Aviv, 1970. Recent Advances in Plant Nutrition* 2: 595-621. Ref. 1970 (Pub. 1971)

067605 QK865.E7 1972
Average samples of cultivated plants & preparing for their analysis. [Biochemistry]. (Rus) Ermakov, A I *In Ermakov, Aleksandr Ivanovich. Metody Biokhimicheskogo Iss Ledovaniia Rastenii* P. 5-19. 1972

067606 SB112.V6
Physiological basis for obtaining high yields of farm crops under irrigation in Volga region. (Rus) Petinov, N S *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 51-65. 1972

067607 513 IN25B
Development of endosper, embryo & seed coat in Amischophacellus axillaris L. Chikkannaiah, P S *Indian Acad Sci Proc Sect B* 77 (4): 166-175. Ref. Apr 1973

067608 385 IN27
Chemical examination of seeds of Entada phaseoloides Merrill. Barua, A K *Indian Chem Soc J* 49 (11): 1199. Nov 1972

067609 385 IN294
Chemical investigation of Ancistrocladus heyneanus Wall. VI. Isolation & structure of ancistrocladisine, a novel alkaloid. Govinachari, T R *Indian J Chem* 10 (12): 1117-1119. Dec 1972

067610 385 IN294
6-Methoxyheptaphylline, a new carbazole alkaloid from Clausena indica Oliv. Joshi, B S *Indian J Chem* 10 (12): 1123-1124. Dec 1972

067611 385 IN294
Structure & absolute configuration of epikhusinol, a new sesquiterpene alcohol from vetiver oil. [Veteveria zizanioides]. Kalsi, P S *Indian J Chem* 10 (12): 1127-1129. Ref. Dec 1972

067612 385 IN294
Occurrence of funtumafrine-C in Chonemorpha macrophylla G. Don (Chonemorpha fragrans Moon). Chatterjee, A *Indian J Chem* 10 (12): 1197-1198. Dec 1972

067613 396.8 IN23
Isolation, identification & screening of phyllemblin from Emblica officinalis Gaertn tissue culture. Khanna, P *Indian J Pharm* 35 (1): 23-25. Jan/Feb 1973

067614 396.8 IN23
Pharmacognosy of fruits of Prangos pabularia Lindl. (Komal). Afaq, S H *Indian J Pharm* 35 (1): 28-32. Jan/Feb 1973

067615 396.8 IN23
Antithyroid activity of Murraya paniculata Jack. Khosa, R L *Indian J Pharm* 35 (1): 32-33. Jan/Feb 1973

067616 396.8 IN23
Experimental study on estrogenic activity of diogenins isolated from Costus speciosus Sm. Tewari, P V *Indian J Pharm* 35 (1): 35-36. Jan/Feb 1973

067617 396.8 IN23
Steroidal lactones of Physalis ixocarpa leaves. Subramanian, S S *Indian J Pharm* 35 (1): 36-38. Jan/Feb 1973

067618 396.8 IN23
Some pharmacological actions of an alkaloidal fraction from Cardiospermum helicacabum. Shukla, S D *Indian J Pharm* 35 (1): 40-41. Jan/Feb 1973

067619 396.8 IN23
Anthelmintic activity of Cassia occidentalis, Linn. Budhiraja, R D *Indian J Pharm* 35 (1): 44-45. Jan/Feb 1973

067620 464.8 IN2
Plant growth responses induced by some bio-regulants. Chatterji, U N *Indian Phytopathol* 25 (3): 333-342. Ref. Sept 1972

067621 SB599.I48
New contributions to study of biology of fungus Gloeosporium ampelophagum (De Bary) Jacz. (Rum) Mirica, I *Inst Cercet Pentru Prot Plant An* 8: 89-92. Ref. Eng. Sum. (Pub. 1972)

067622 444.8 IN8
LET [Radiation quality] as a determinant of oxygen enhancement ratio & shape of survival curve for Chlamydomonas. Bryant, P E *Int J Radiat Biol* 23 (3): 217-226. Ref. Mar 1973

067623 QH91.A1I52
Cation-anion balance in some calcium carbonate depositing algae & detection of organic calcium fractions in calcareous alga Halimeda opuntia (L) (Chlorophyta, Udoteaceae). Bohm, E L *Int Rev Gesamten Hydrobiol* 57 (5): 685-693. Ref. 1972

067624 58.8 J82
A review categorizing engineering design techniques of plant environmental simulators. [Growth chambers, phytotrons, greenhouses]. Barbee, D G *J Agr Eng Res* 18 (1): 13-29. Ref. Mar 1973

067625 340.9 SO1
Local water-vapor transfer coefficient on horizontal leaf-shaped plane surface under field conditions. [Evaporation, plants]. (Jap) Haseba, T *J Agric Meteorol (jap)* 28 (3): 1-7. Ref. Eng. Sum. Jan 1973

067626 340.9 SO1
Water-vapor transfer by forced-convection from a leaf-shaped plane surface with temperature-distribution. [Plants]. (Jap) Takechi, O *J Agric Meteorol (jap)* 28 (4): 213-221. Ref. Eng. Sum. Mar 1973

067627 340.9 SO1
Masurement of water potential. [Plants, soils]. (Jap) Takakura, T *J Agric Meteorol (jap)* 28 (4): 245-248. Mar 1973

067628 448.3 J82
Selection of respiratory mutants of Neurospora crassa. Edwards, D L *J Bacteriol* 114 (1): 164-168. Ref. Apr 1973

067629 448.3 J82
Some characteristics of tryptophan uptake in Claviceps [purpurea] species. Robertson, L W *J Bacteriol* 114 (1): 208-219. Ref. Apr 1973

067630 448.3 J82
Pyridine nucleotide-dependent glucose dehydrogenase activity in blue-green algae. Pulich, W M *J Bacteriol* 114 (1): 28-33. Ref. Apr 1973

067631 448.3 J82
Biosynthesis of branched-chain amino acids in Schizosaccharomyces pombe: regulatory properties of threonine deaminase. McDonald, R A *J Bacteriol* 114 (1): 323-331. Ref. Apr 1973

067632 448.3 J82
Biosynthesis of branches-chain amino acids in Schizosacharomyces pombe: properties of acetohydroxy acid synthetase. McDonald, R A *J Bacteriol* 114 (1): 332-340. Ref. Apr 1973

067633 448.3 J82
New pathway for nonphosphorylated degradation of gluconate by Aspergillus niger. Elzainy, T A *J Bacteriol* 114 (1): 457-459. Ref. Apr 1973

067634 448.3 J82
Study of phenoloxidase activity during reproductive cycle in Schizophyllum commune. Leonard, T J *J Bacteriol* 114 (1): 7-10. Ref. Apr 1973

067635 381 J824
Desaturation of oleyl phospholipid to linoleyl phospholipid in Torulopsis utilis. Talamo, B *J Biol Chem* 248 (8): 2738-2742. Ref. Apr 25, 1973

067636 475 J824
A preliminary investigation of high-speed liquid chromatography of some ergot alkaloids. Heacock, R A *J Chromatography* 77 (2): 425-430. Ref. Mar 28, 1973

067637 450 J829
Comparative studies of plant growth & distribution in relation to waterlogging. VII. influence of water-table fluctuations on iron & manganese availability in dune slack soils. Jones, R *J Ecol* 61 (1): 107-116. Ref. Mar 1973

067638 450 J829
Phytoplankton organization in Baie des Chaleurs (Gulf of St Lawrence). Legendre, 1 *J Ecol* 61 (1): 135-149. Map. Mar 1973

067639 450 J829
Influence of environmental factors on distribution of freshwater algae: an experimental study. II. role of pH [hydrogen-ion concentration] & carbon dioxide-bicarbonate system. Moss, B *J Ecol* 61 (1): 157-177. Ref. Mar 1973

067640 450 J829
Influence of environmental factors on distribution of freshwater algae: an experimental study. III. Effects of temperature, vitamin requirements & inorganic nitrogen compounds on growth. Moss, B *J Ecol* 61 (1): 179-192. Ref. Mar 1973

067641 450 J829
Influence of environmental factors on distribution of freshwater algae: an experimental study. IV. Growth of test species in natural lake waters, & conclusion. Moss, B *J Ecol* 61 (1): 193-211. Ref. Mar 1973

067642 450 J829
Significance of seed dimorphism in Alysicarpus monilifer DC. Maurya, A N *J Ecol* 61 (1): 213-217. Ref. Mar 1973

067643 450 J829
Ordination: mathematical elegance & ecological naivete. [Plant ecology]. Beals, E W *J Ecol* 61 (1): 23-25. Ref. Mar 1973

067644 450 J829
Standing crop & primary productivity of phytoplankton of abbot's pond, North Somerset. Hickman, M *J Ecol* 61 (1): 269-287. Ref. Mar 1973

067645 450 J829
Early mortality & survival of self-sown seedlings in Glenfeshie, Inverness-shire. [Scotland]. Miles, J *J Ecol* 61 (1): 93-98. Ref. Mar 1973

067646 450 J8224
Formation of alkaline & acid regions at surface of Chara corallina cells. Lucas, W J *J Exp Bot* 24 (78): 1-14. Ref. Feb 1973

067647 450 J8224
Dormancy in seeds of Anona crassiflora Mart. Rizzini, C T *J Exp Bot* 24 (78): 117-123. Ref. Feb 1973

067648 450 J8224
Seedling growth in controlled-nutrient conditions. [Impatiens parviflora]. Hegarty, T W *J Exp Bot* 24 (78): 130-137. Ref. Feb 1973

067649 450 J8224
Growth & nutrition of a suspension culture of Pogostomon cablin Benth. (Patchouli). Jones, L H *J Exp Bot* 24 (78): 145-158. Feb 1973

067650 450 J8224
Effects of transverse cuts through stems of transpiring woody plants on water transport & stress in leaves. [Acer pseudoplatanus, upland cotton]. Mackay, J F G *J Exp Bot* 24 (78): 15-28. Ref. Feb 1973

067651 450 J8224
Purity of chloroplasts isolated in non-aqueous media. [Tobacco, broadbean, tomato]. Bird, I F *J Exp Bot* 24 (78): 211-215. Ref. Feb 1973

067652 450 J8224
Further observations on chemical composition of thecae of Platymonas tetrathele West (Prasinophyceae) by means of X-ray microanalyser electron microscope (EMMA). Manton, I *J Exp Bot* 24 (78): 223-229. Feb 1973

067653 450 J8224
Impedance of Nitellopsis obutsa cells at low frequencies. Skierczynska, J *J Exp Bot* 24 (78): 38-46. Feb 1973

067654 450 J8224
Variations of longitudinal electrical resistance of Characeae. Skierczynska, J *J Exp Bot* 24 (78): 47-63. Feb 1973

067655 450 J8224
Effect of photoperiodic induction on transpiration rate & stomatal behaviour of debudded Xanthium plants. Krizek, D T *J Exp Bot* 24 (78): 76-86. Ref. Feb 1973

067656 390.08 H12
Alkaline proteinase from Cephalosporium sp. II. Enzymatic properties of the alkaline proteinase. Yagi, J *J Ferment Technol* 50 (12): 810-815. Dec 1972

067657 390.08 H12
Alkaline proteinase from Cephalosporium sp. II. Physicochemical properties of enzyme. Yagi, J *J Ferment Technol* 50 (12): 816-822. Ref. Dec 1972

067658 390.08 H12
Alkaline proteinase from Cephalosporium sp. IV. Amino acid composition of enzyme. Yagi, J *J Ferment Technol* 50 (12): 823-828. Ref. Dec 1972

067659 390.08 H12
Alkaline proteinase from Cephalosporium sp. V. Specificities of enzyme on synthetic substrates & casein. Yagi, J *J Ferment Technol* 50 (12): 829-834. Dec 1972

067660 390.08 H12
Studies on decomposition of raffinose by alpha-galactosidase of mold. III. Stimulatory effect of fatty acids on enzyme production. [Mortierella vivacea]. Kobayashi, H *J Ferment Technol* 50 (12): 835-843. Ref. Dec 1972

067661 390.08 H12
Polyol dehydrogenase activities of yeasts in reference to their polyol productivity. Suzuki, T *J Ferment Technol* 50 (12): 844-849. Ref. Dec 1972

067662 390.08 H12
Ultrafiltration of Trichoderma viride cellulase. Mitra, G *J Ferment Technol* 50 (12): 914-916. Dec 1972

067663 448.3 J824
Metabolism of allyl alcohol in Trichoderma viride. Jackson, R B *J Gen Appl Microbiol* 19 (1): 41-54. Ref. 1973

067664 448.3 J824
In vitro effects of some growth regulators in Rhizobium. Rao, V R *J Gen Appl Microbiol* 19 (1): 55-58. Ref. 1973

067665 448.3 J823
Effects of lactose, ethanol & cycloheximide on translocation pattern of radioactive compounds & on sclerotium formation in Sclerotium rolfsii. Okon, Y *J Gen Microbiol* 74 (2): 251-258. Ref. Feb 1973

067666 448.3 J823
Production of ergot alkaloids in vitro by Spacelia sorghi. Mantle, P G *J Gen Microbiol* 75 (2): 275-281. Ref. Apr 1973

067667 448.3 J823
Stimulatory effect of non-metabolized sugar 3-O-methyl glucose on conversion of mannitol & arabitol to polysaccharide & other insoluble compounds in fungus Dendryphiella salina. Jennings, D H *J Gen Microbiol* 75 (2): 287-291. Ref. Apr 1973

067668 442.8 AM3
Genetics of electrophoretic variants in Avena. II. esterase E1, E2, E4, E5, E6, & anodal peroxidase APX4, loci in Avena fatua. Clegg, M T *J Hered* 64 (1): 3-6. Jan/Feb 1973

067669 80 J825
Flower bud dormancy in Coffea arabica L. I. Studies of gibberellin in flower buds & xylem sap & of abscisic acid in flower buds in relation to dormancy release. [Coffee]. Browning, G *J Hort Sci* 48 (1): 29-41. Ref. Jan 1973

067670 381 J827
Isolation & structural elucidation of eupaserrin & deacetyleupaserrin, new antileukemic sesquiterpene lactones from Eupatorium semiserratum. Kupchan, S M *J Org Chem* 38 (7): 1260-1264. Apr 6, 1973

067671 381 J827
Datiscacin, a novel cytotoxic cucurbitacin 20-acetate from Datisca glomerata. Kupchan, S M *J Org Chem* 38 (7): 1420-1421. Apr 6, 1973

067672 381 J827
Carolenin & carolenalin, two new guaianolides in Helenium autumnale L. from North Carolina. Furukawa, H *J Org Chem* 38 (9): 1722-1725. Ref. May 4, 1973

067673 RS11.J6
Papaver bracteatum Lindl. – a new plant source of opiates. Fairbairn, J W *J Pharm & Pharmacol* 25 (5): 353-358. Ref. May 1973

067674 382 SO12
Coupled oxidation of chlorophyll a with linoleic acid catalysed by lipoxidase. [Soybeans, spinach]. Orthoefer, F T *J Sci Food Agr* 24 (4): 357-365. Ref. Apr 1973

067675 475 J82
Constitution & synthesis of some plant extractives. *J Sci Indus Res* 31 (9): 466-469. Ref. Sept 1972

067676 384 AN7
On odorous substance of agaric Rhodophyllus icterinus (Fr.) Quel. (Ger) Schmitt, J A *Justus Liebigs Ann Chem* 3: 544-546. Eng. Sum. 1973

067677 68.29 C652
Work in progress in coffee research. III. 3. Physiology. Browning, G *Kenya Coffee* 38 (442): 11-12. Jan 1973

067678 385 K524
A new method of diagnosing nutrition of plants. (Rus) Magnitskii, K P *Khim Sel'skom Khoz* 11 (1): 71-73. 1973

067679 442.8 K96
Notes on anthocyanidin types & metals in blue flowers & fruits. Ishikura, N *Kumamoto J Sci Ser B Sect 2 Biol* 11 (1): 13-17. Ref. Nov 1972

067680 442.8 K96
Preliminary report on anthocyanins in flowers of Veronica persica. Ishikura, N *Kumamoto J Sci Ser B Sect 2 Biol* 11 (1): 19-27. Nov 1972

067681 500 L932
Effect of 'thoid' & related compounds on fungi. [Rhizopus stolonifer, Aspergillus niger, Penicullium chrysogenum, Newrospora tetrasperma]. Barrett, E R *La Acad Sci Proc* 35: 10-11. 1972

067682 18 L2333A
On sulphur requirements of useful agricultural plants. (Ger) Saalbach, E *Landwirt Forsch Sonderheft* 27/I: 224-228. Ref. Eng. Sum. 1972

067683 511 R442
Localization of nucleic acids in fungus Entomophthora thaxteriana Petch. (Rus) Jaksevica, M *Latv Psr Zinat Akad Vestis Izv* 11: 30-34. Ref. Eng. Sum. 1972

067684 18 L49
Experiments with Hornmist preparation Preparation 500) in Norway 1972. [Crops, growth substances]. (Ger) Engqvist, M *Lebendige Erde* 1: 8-13. Jan/Feb 1973

067685 18 L49
Zonal formation regions of plant growth & soil formation on earth. (Ger) Heinze, H *Lebendige Erde* 6: 215-220. Nov/Dec 1972

067686 512 L96AC
Investigations on growth rate of lichens. III. (Ger) Rydzak, J *Lublin Uniw Marii Curie-sklodowskiej Ann Sect C* 27 (1): 151-158. Eng. Sum. 1972

067687 307.8 M37
Dynamics of accumulation of essential oil & eugenol by Ocimum plant. (Rus) Eksuzian, A A *Maslo-zhir Prom* 1: 25-26. Jan 1972

067688 284.9 M58
Bees & pollination in Michigan. Martin, E C *Mich Agr Exp Sta Res Rep* 188: 23-28. Feb 1973

067689 448.3 M582AE
Distribution of yeasts producing extracellular lipids. Zalashko, M V *Microbiology* 41 (4): 581-583. Ref. July/Aug 1972 Transl. 1973

067690 QK600.M5
Main results & outlook of studying predacious fungi in Azerbaijan. (Rus) Mekhtieva, N A *Mikol Fitol* 6 (6): 477-482. Ref. 1972

067691 QK600.M5
Production of fruit bodies in Panus tigrinus (Fr.) Sing. resulting from an inoculation by mycelium grown in submerged culture. (Rus) Torev, A *Mikol Fitol* 7 (1): 57-58. 1973

067692 448.3 K54
Differences in antigenic composition of proteins in normal & tumour plant tissue. (Ukr) Serkiz, L V *Mikrobiol Zhur* 34 (1): 117. Jan/Feb 1972

067693 448.3 K54
Antiviral & phytostimulating properties of some St. john's worts growing in Central Asia. [Hypericum]. (Ukr) Bobyr, A D *Mikrobiol Zhur* 34 (1): 84. Jan/Feb 1972

067694 448.3 K54
Physiological peculiarities of entomopathogenic fungus Metarrhizium anisopliae (Metch.) Sor. development under conditions of submerged growing. (Ukr) Lappa, N V *Mikrobiol Zhur* 34 (1): 88-89. Jan/-Feb 1972

067695 448.3 K54
Effect of aeration on development of entomopathogenic fungus Beauveria bassiana (Bals.) Vuill. in submerged cultures. (Ukr) Horal', V M *Mikrobiol Zhur* 34 (1): 90-91. Jan/Feb 1972

067696 448.3 K54
Effect of trace elements on development of proso smut agent in pure culture. [Sphacelotheca panici miliacei]. (Ukr) Nikitina, A V *Mikrobiol Zhur* 34 (1): 93-94. Jan/Feb 1972

067697 448.3 K54
Formation of phytotoxic substances by different species of soil Penicillium. (Ukr) Berestets'kyi, D O *Mikrobiol Zhur* 34 (1): 94-95. Jan/Feb 1972

067698 448.3 K54
Antibiotic properties of fungi isolated from rhizosphere of barley & oat. (Ukr) Sukhorukova, Z O *Mikrobiol Zhur* 34 (5): 602-605. Sept/Oct 1972

067699 448.3 K54
Antibiotic properties of the Psoralea drupacea B g e. essential oil. (Ukr) Bondarenko, A S *Mikrobiol Zhur* 34 (5): 612-616. Ref. Eng. Sum. Sept/Oct 1972

067700 384 M58
Microchemical investigation of medicinal plants. Ix. Hydrolysis of scopolamine & related alkaloids. Polesuk, J *Mikrochim Acta* 1973 (3): 393-399. Ref. 1973

067701 442.9 M854
Development of shoots of certain species of Paeonia L. (Rus) Uspenskaia, M S *Moscow Univ Vestnik Ser 6 Biol Pochvoved* 6: 89-93. Eng. Sum. Nov/Dec 1972

067702 450 M99
Nitrogen & vitamin requirements for axenic growth of haustorial mycoparasite, Dispira cornuta. Harber, S M *Mycologia* 65 (1): 21-27. Jan/Feb 1973

067703 450 M99
Zinc stimulation of nitrogen assimilation by Helminthosporium cynodontis. Pugliese, F A *Mycologia* 65 (2): 295-309. Ref. Mar/Apr 1973

067704 450 M99
Effect of calcium on fruiting of Cyathus stercoreus. Lu, S H *Mycologia* 65 (2): 329-334. Ref. Mar/Apr 1973

067705 450 M99
Phototropism in Conidiobolus coronatus. Page, R M *Mycologia* 65 (2): 335-353. Ref. Mar/Apr 1973

067706 450 M99
Quantitative & qualitative changes in proteins during morphogenesis of basidiocarp of Volvariella volvacea. Chang, S T *Mycologia* 65 (2): 355-364. Ref. Mar/Apr 1973

067707 450 M99
Chemical composition of cell wall of Smittium culisetae (Trichomycetes). Sangar, V K *Mycologia* 65 (2): 421-431. Ref. Mar/Apr 1973

067708 450 M99
Uptake of amino acids by Saprolegnia. Gleason, F H *Mycologia* 65 (2): 465-468. Mar/Apr 1973

067709 500 N21P
A nucleic acid associated with a killer strain of yeast. Vodkin, M H *Nat Acad Sci Proc* 70 (4): 1069-1072. Ref. Apr 1973

067710 500 N21P
Adenosine 3':5'-cyclic monophosphate in Chlamydomonas reinhardtii: isolation & characterizaton. Amrhein, N *Nat Acad Sci Proc* 70 (4): 1099-1103. Ref. Apr 1973

067711 500 N21P
A 5'-adenosine monophosphate-dependent adenylate cyclase & an adenosine e':5'-cyclic monophosphate-dependent adenosine triphosphate pyrophosphohydrolase in Dictyostelium discoideum. Rossomando, E F *Nat Acad Sci Proc* 70 (4): 1254-1257. Ref. Apr 1973

067712 442.8 N22
Effect of gibberellic acid on amount of alkaloids & chlorophyll in drug plants. [Atropa beladonna, Datura stramonium, Scopolia carniolica, Datura inermis]. (Rus) Khrianin, V N *Nauch Dokl Vyssh Shk, Biol Nauk* 1: 78-80. Ref. 1973

067713 442.8 N22
Study of albumin fraction of seeds of some representatives of Phaseolineae subtribe by electorphoresis in acrylamide gel. (Rus) Saianova, V V *Nauch Dokl Vyssh Shk, Biol Nauk* 1: 81-84. Ref. 1973

067714 442.8 N22
Urea of mold fungus Aspergillus oryzae. (Rus) Bocheva, S S *Nauch Dokl Vyssh Shk, Biol Nauk* 1: 90-94. Ref. 1973

067715 442.8 N22
On additive effect of varied spectral radiation in photosynthesis. (Rus) Khazanov, V S *Nauch Dokl Vyssh Shk, Biol Nauk* 2: 78-81. 1973

067716 442.8 N22
On ability of vital cells of Aspergillus oryzae to secrete alpha amylase. (Rus) IUrkevich, V V *Nauch Dokl Vyssh Shk, Biol Nauk* 5: 119-122. 1972

067717 442.8 N22
Morphological & biochemical characteristics of population of Senecio platyphylloides Somm. et Lev. within Adzhar-Imeretian Range & Arsian & Trialet Range. (Rus) Lozap', R A *Nauch Dokl Vyssh Shk, Biol Nauk* 5: 74-81. 1972

067718 442.8 N22
On effect of magnesium on protein complex & some isoenzymes of Chlorella vulgaris. (Rus) Pinevich, V V *Nauch Dokl Vyssh Shk, Biol Nauk* 5: 85-90. Ref. 1972

067719 442.8 N22
Comparative study of cytoplasm proteins of separate representatives of phyto-& zooflagellata. (Rus) Shanina, N A *Nauch Dokl Vyssh Shk, Biol Nauk* 6: 75-79. Ref. 1972

067720 442.8 N22
On beta fructosidases of yeast organisms. (Rus) Iurkevich, V V *Nauch Dokl Vyssh Shk, Biol Nauk* 6: 98-103. 1972

067721 442.8 N22
Specificity of relationship of certain species of Cyanophyta to sulfur & phosphorus. (Rus) Volodin, B B *Nauch Dokl Vyssh Shk, Biol Nauk* 9: 82-86. Ref. 1972

067722 442.8 N22
Accumulation of alkaloids in Fumaria officinalis L. in relation to vegetation stages & habitat. (Rus) Murav'eva, D A *Nauch Dokl Vyssh Shk, Biol Nauk* 9: 87-89. 1972

067723 442.8 N22
Study of nitrogenous substances in Furcellaria fastigiata (Rhodophyceae). (Rus) Krasil'nikova, S V *Nauch Dokl Vyssh Shk, Biol Nauk* 9: 90-93. Ref. 1972

067724 464.8 T44
Differences in disc gel electrophorese pattern of soluble proteins excreted by different physiological races & isolates of Cladosporium fulvum. Dijkman, A van *Neth J Plant Pathol* 79 (2): 70-80. Ref. 1973

067725 450 N42
Photosynthetic induction phenomena & light activation of ribulose diphosphate carboxylase. [Plants]. Walker, D A *New Phytol* 72 (2): 209-235. Ref. Mar 1973

067726 450 N42
Conversion of glycerate into pyruvate by Chlorella [fusca] extracts. Lord, J M *New Phytol* 72 (2): 249-252. Mar 1973

067727 450 N42
An improved bio-assay for abscisic acid & other antitranspirants. [Commelina communis]. Ogunkanmi, A B *New Phytol* 72 (2): 277-282. Ref. Mar 1973

067728 450 N42
Effect of temperature & light on seed germination of two ecotypes of Portulaca oleracea L. Singh, K P *New Phytol* 72 (2): 289-295. Ref. Mar 1973

067729 450 N42
Effects of phosphorus deficiency on water content & response to drought. [Plants]. Atkinson, D *New Phytol* 72 (2): 307-313. Ref. Mar 1973

067730 450 N42
Carbohydrate metabolism in fungus Dendryphiella salina. IV. Acetate assimilation. Holligan, P M *New Phytol* 72 (2): 315-319. Mar 1973

067731 450 N42
Uptake of metal ions by lichens: a modified ion-exchange process. Puckett, K J *New Phytol* 72 (2): 329-342. Ref. Mar 1973

067732 450 N42
Vesicles in phycobiont sheath as possible transfer structures between symbionts in lichen Lichina pygmaea. Peveling, E *New Phytol* 72 (2): 343-345. Ref. Mar 1973

067733 450 N42
Biology of mycorrhiza in Ericaceae. I. isolation of endophyte & synthesis of mycorrhizas in aseptic culture. Pearson, V *New Phytol* 72 (2): 371-379. Ref. Mar 1973

067734 450 N42
Basidiocarps associated with ericoid mycorrhizas. Seviour, R J *New Phytol* 72 (2): 381-385. Ref. Mar 1973

067735 450 N42
Structural & physiological studies on parasitic red alga Holmsella. [Gracilaria verrucosa, Holmsella pachyderma]. Evans, L V *New Phytol* 72 (2): 393-402. Ref. Mar 1973

067736 450 N42
Hydrophilic growth inhibitors from Laminaria [Digitata] & Ascophyllum. [Nodosum]. Hussain, A *New Phytol* 72 (2): 403-410. Ref. Mar 1973

067737 501 N48
Carbon & nitrogen fixation in rhizomatous species of Coriaria. Daly, G T *New Zeal Ecol Soc Proc* 19: 65-74. Ref. 1972

067738 450 N852
In vitro growth of Endophyte Acrochaetium bonnemaisoniae (Batt.) J. et G. Feldm. Boney, A D *Nova Hedwigia* 23 (1): 173-186. Ref. 1972

067739 450 N852
Problems caused by growth & development of a Chaetophorales, Draparnaldia mutabilis (Roth) Cederg. (Fre) Kerimian, T *Nova Hedwigia* 23 (2/3): 225-235. Ref. 1972

067740 450 N852
Carbohydrates as food reserves in Prasinophyceae. Ricketts, T R *Nova Hedwigia* 23 (23): 409-413. 1972

067741 64.8 N76
Some analytical problems in sampling & processing of plants. I. Sampling. [Minor elements]. (Hun) Samsoni, Z *Novenytermeles* 22 (1): 25-33. Eng. Sum. Mar 1973

067742 QL750.O3
Effects of light, temperature & seed age on germination of winter annuals Veronica arvensis L. & Myosotis ramosissima Rochel ex. Schult. Janssen, J G M *Oecologia* 12 (2): 141-146. Ref. 1973

067743 QL750.O3
In situ measurements of carbon dioxide gradients in a soil-plant-atmosphere system. Schwartz, D M *Oecologia* 12 (2): 161-167. 1973

067744 77.8 OL2
Construction of an electric germinator. [Palmae]. (Fre) Martin, G *Oleagineux* 27 (11): 535-537. Nov 1972

067745 8 P832J
A differential psychro test of plant-soil-weather relationships & water use. [Coffee, tea, beans]. Capiel, M *P R Univ J Agr* 57 (1): 42-55. Jan 1973

067746 475 P174
Isolation of psoralene & angelicin from Psoralea plicata Del. Ahmad, V U *Pakistan J Sci Indus Res* 15 (3): 158-159 June 1972

067747 475 P174
Chemical investigation of Prosopis glandulosa. Ikram, M *Pakistan J Sci Indus Res* 15 (3): 159-160. June 1972

067748 475 P174
Fatty acids of indigenous resources for possible industrial applications. III. Investigation of Peganum harmala Linn seed oil. Javed, M A *Pakistan J Sci Indus Res* 15 (3): 218-219. June 1972

067749 QK882.A1P4
Carbon dioxide exchange in selected species of Echinocereus (Cactaceae). Dinger, B E *Photosynthetica* 6 (4): 345-353. Ref. 1972

067750 QK882.A1P4
Chloroplast pigments in plants with C4-dicarboxylic acid pathway of photosynthesis. Holden, M *Photosynthetica* 7 (1): 41-49. Ref. 1973

067751 QK882.A1P4
Photosynthetically active radiation in a stand of Phragmites communis Grin. II. Model of light extinction in stand. Ondok, J P *Photosynthetica* 7 (1): 50-57. 1973

067752 QK882.A1P4
Protochlorophyllide holochrome. 3. Optical & photochemical properties of a constituted chlorophyll a-holochromic protein. Oku, T *Photosynthetica* 7 (1): 67-72. Ref. 1973

067753 QK882.A1P4
Photosynthetically active radiation in a stand of Phragmites communis Trin. 1. Distribution of irradiance & foliage structure. Ondok, J P *Photosynthetica* 7 (1): 8-17. Ref. 1973

067754 450 P564
Growth substances isolated from tubers of Cyperus esculentus var. aureus. Sanchez Tames, R *Physiol Plant* 28 (2): 195-200. Ref. 1973

067755 450 P564
Quantitative yield in purification of cytokinins. Model-experiments with kinetin, 6-furfuryl-amino-purine. Hemberg, T *Physiol Plant* 28 (2): 228-231. 1973

067756 450 P564
Effect of certain nucleic acid & protein inhibitors on carotenogenesis in Verticillium agaricinum. Mummery, R S *Physiol Plant* 28 (2): 254-258. Ref. 1973

067757 450 P564
Studies on flowering mechanism in Lemna. I. Amino acid changes during flower induction. Maeng, J *Physiol Plant* 28 (2): 264-270. Ref. 1973

067758 450 P564
Studies on flowering mechanism in Lemna. II. dark reaction of short-day plant Lemna perpusilla. Khudairi, A K *Physiol Plant* 28 (2): 271-277. Ref. 1973

067759 450 P564
Synchronous cultures of Chlamydomonas reinhardti: properties & regulation of repressible phosphatases. Lien, T *Physiol Plant* 28 (2): 291-298. Ref. 1973

067760 450 P564
Multiphasic uptake in plants. I. Phsophate & sulfate. Nissen, P *Physiol Plant* 28 (2): 304-316. Ref. 1973

067761 450 P564
Pool control of uracil uptake by synchronous Chlorella. [Fusca]. Knutsen, G *Physiol Plant* 28 (2): 317-319. 1973

067762 450 P564
Influence of synthetic growth regulator alphachloro-beta(3-chloro-o-tolyl) propionitrile on some phytochrome-mediated processes. [Sinapis alba]. Dierickx, P J *Physiol Plant* 28 (2): 374-377. Ref. 1973

067763 464.8 P56
Response of metabolism to low water potentials in plants. Boyer, J S *Phytopathology* 63 (4): 466-472. Ref. Apr 1973

067764 464.8 P56
A medium for heterokaryon formation in Rhizoctonia solani. Butler, E E *Phytopathology* 63 (4): 542-543. Apr 1973

067765 450 P692
Morphogenesis in Selaginella [willdenovii]: auxin tranport in stem. Wochok, Z S *Plant Physiol* 51 (4): 646-650. Ref. Apr 1973

067766 450 P692
Role of light & growth regulators in opening of Dentaria petiolar Hook. [Diphylla]. Yopp, J H *Plant Physiol* 51 (4): 714-717. Ref. Apr 1973

067767 450 P692
Reproductive biology of Selaginella. I. Determination of megasporangia by 2-chloroethylphosphonic acid, an ethylene-releasing compound. Brooks, K E *Plant Physiol* 51 (4): 718-722. Ref. Apr 1973

067768 450 P692
Presence of ribulose 1,5-diphosphate carboxylase in nonphotosynthetic endosperm of germinating castorbeans. Benedict, C R *Plant Physiol* 51 (4): 755-759. Ref. Apr 1973

067769 450 P692
Phosphorylation of ribosomal protein in Lemna minor. Trewavas, A *Plant Physiol* 51 (4): 760-767. Ref. Apr 1973

067770 QK1.P5
Biogenesis of chloroplast membranes. XII. influence of chloramphenicol on chlorophyll fluorescence yield & chlorophyll organisation in greening cells of a mutant of Chlamydomonas reinhardi y-l. Jennings, R C *Plant Sci Lett* 1 (1): 3-9. Ref. Jan 1973

067771 QK1.P5
Mechanism of nitrate reductase reversible inactivation by ammonia in Chlamydomonas. Losada, M *Plant Sci Lett* 1 (1): 31-37. Ref. Jan 1973

067772 QK1.P5
Effects of gibberellin A-3 on dimorphic branch system of Theobroma cacao. Greathouse, D C *Plant Sci Lett* 1 (1): 39-45. Ref. Jan 1973

067773 450 P696
Direct curcumin method for determination of boron conten t in plant material. (Ger) Fiala, K *Plant Soil* 38 (2): 473-476. Eng. Sum. Apr 1973

067774 450 P697
A hypotensive agent in Santalum ellipticum. Bourke, E L *Planta Med* 23 (2): 110-114. Mar 1973

067775 450 P693
An investigation of contractile protein hypothesis of phloem translocation. [Castorbeans, pumpkins]. Williamson, R E *Planta* 106 (2): 149-157. Ref. 1972

067776 450 P693
Caffeine synthesis in fruits & tissue cultures of Coffea arabica. [Coffee]. (Ger) Keller, H *Planta* 108 (4): 339-350. Ref. Eng. Sum. Nov 7, 1972

067777 450 P693
Incorporation of different labelled precursors into chloroplast RNA of Chlorella. Ssymank, V *Planta* 111 (2): 157-166. Ref. 1973

067778 450 P693
A modified Amaranthus betacyanin bioassay for rapid determination of cytokinins in plant extracts. Biddington, N L *Planta* 111 (2): 183-186. 1973

067779 450 P693
Catabolic ring-cleavage of tyrosine in plant cell cultures. Ellis, B E *Planta* 111 72): 113-118. Ref. 1973

067780 20.5 P84
'humus et Planta V' International Symposium in Prague, September 13 – 17, 1971 (Synthesis of presented results of investigations). (Pol) Myskow, W *Postepy Nauk Roln* 19 (5): 157-167. Sept-/Oct 1972

067781 20.5 P84
Physiology of tuberization. (Pol) Bielinska-Czarnecka, M *Postepy Nauk Roln* 19 (5): 41-53. Ref. Sept/Oct 1972

067782 385 P93
Study of composition of volatile oils from Perlargonium capitatum Ait & Perlargonium radula L'Herit. (Rus) Gogiia, V T *Priklad Biokhim Mikrobiol* 9 (1): 120-125. Eng. Sum. Jan/Feb 1973

067783 385 P93
Optimization of medium & cultivation conditions of Aspergillus batatae -61 by mathematic planning. (Rus) Ustinnikov, B A *Priklad Biokhim Mikrobiol* 9 (1): 32-36. Eng. Sum. Jan/Feb 1973

067784 385 P93
Some physiological & biochemical properties of mutant Aspergillus fumaricus 128-2 – acid proteinase producer. (Rus) Grigorian, D T *Priklad Biokhim Mikrobiol* 9 (1): 37-40. Eng. Sum. Jan/Feb 1973

067785 385 P93
Denaturation & autolysis of protease from Aspergillus terricola. (Rus) Orlievskaia, O V *Priklad Biokhim Mikrobiol* 9 (1): 41-44. Eng. Sum. Jan/Feb 1973

067786 385 P93
Effect of exogenus urea on amylolytic & proteolytic activities of fungus Aspergillus oryzae. (Rus) Bocheva, S S *Priklad Biokhim Mikrobiol* 9 (1): 45-48. Ref. Eng. Sum. Jan/Feb 1973

067787 SB290.R9
Nutritional requirements of Hevea brasiliensis in relation to stimulation. Pushparajah, E *Proc RRIM Plant Conf (rubber Res Inst Malaya)* P. 189-200. Ref. 1971 (Pub. 1972)

067788 QK861.A1P66
Biosynthesis of plant sterols. Goad, L J *Progr Phytochem* 3: 113-198. Ref. 1972

067789 QK861.A1P66
Use of comparative amino acid sequence data in evolutionary studies of higher plants. Boulter, D *Progr Phytochem* 3: 199-229. Ref. 1972

067790 QK861.A1P66
Bicyclc diterpenes. [Plants]. Hanson, J R *Progr Phytochem* 3: 231-285. Ref. 1972

067791 QK861.A1P66
Steroidal sapogenins of Dioscoreaceae. Takeda, K *Progr Phytochem* 3: 287-333. Ref. 1972

067792 QK861.A1P66
Biosynthesis of ergot alkaloids. [Claviceps]. Thomas, R *Progr Phytochem* 3: 47-111. Ref. 1972

067793 QD431.T3
Inactivation & reactivation of photosystem. II. [Chloroplast]. (Jap) Yamashita, T *Protein Nucl Acid Enzyme (tokyo)* 17 (12): 46-58. Ref. Dec 1972

067794 442.8 P94
Photosynthesis & carbon metabolism in a chloroplast preparation from Acetabularia. Shepard, D C *Protoplasma* 76 (3/4): 289-307. Ref. 1973

067795 442.8 P94
Lipid composition of Acetabularia mediterranea (Lamour.): Variations during cap morphogensis. Dubacq, J P *Protoplasma* 76 (3/4): 373-385. Ref. 1973

067796 442.8 P94
Kinetics of changes ofmalic dehydrogenase isozyme pattern in different regions of Acetabularia hybrids. Sandakhchiev, L *Protoplasma* 76 (3/4): 403-415. 1973

067797 SB950.A1P3
A review of some practical uses of cycocel plant growth regulant. Lindley, C D *PAns Pest Artic News Summ* 19 (1): 87-92. Ref. Mar 1973

067798 450 R11
Radiation-induced tumorous outgrowths in young gametophytes of Osmunda regalis. Haigh, M V *Radiat Bot* 13 (2): 111-119. Ref. Apr 1973

067799 450 R11
Effects of gamma irradiation on growth & yield of agricultural crops. IV. Effects on yields of second generation in cereals & potato. Davies, C R *Radiat Bot* 13 (2): 137-144. Ref. Apr 1973

067800 450 R11
A correlation of ESR [electron spin resonance] & radiobilogical observations of temperature & oxygen effects in Osmunda regalis spores after irradiation with fast electrons. Dodd, N J F *Radiat Bot* 13 (2): 87-96. Ref. Apr 1973

067801 442.8 R11
Study on role of thiols in modification of Chlorella [vulgaris] radiosensitivity during division cycle. (Rus) Apasheva, L M *Radiobiologiia* 13 (1): 102-105. Ref. Eng. Sum. Jan/Feb 1973

067802 442.8 R11
On mechanism of 'storage effect' in irradiated plant seeds. (Rus) Gudkov, I N *Radiobiologiia* 13 (1): 140-145. Ref. Eng. Sum. Jan/Feb 1973

067803 442.8 R11AE
Investigation of role of thiols in determination of radiosensitivity of various strains of Chlorella vulgaris Beijer. Apasheva, L M *Radiobiology* 12 (6): 137-140. Nov/Dec 1972

067804 442.8 R11AE
Analysis of survival curves & ratios of forms of inactivation of irradiated yeast cells by a probability method. Kapul't-sevich, Yu G *Radiobiology* 12 (6): 85-95. Nov/Dec 1972

067805 450 R18
On tissue culture of Datura innoxia Mill. & alkaloid formation. (Rus) Trofimova, N A *Rastitel Resursy* 9 (2): 168-176. Ref. 1973

067806 450 R18
Effect of geochemical conditions of environment on chemical composition & pharmacological properties of some representatives of Digitalis L. (Rus) Grinkevich, N I *Rastitel Resursy* 9 (2): 183-191. Ref. 1973

067807 450 R18
Isolation & quantitative evaluation of alkaloids from Argemone mexicana growing under varying geographical conditions. (Rus) Murav'eva, D A *Rastitel Resursy* 9 (2): 200-202. Ref. 1973

067808 450 R18
Seasonal dynamics of accumulation of alkaloids in an interspecific cross of Scopolia. (Rus) Minina, S A *Rastitel Resursy* 9 (2): 203-205. Ref. 1973

067809 450 R18
Dynamics of amount of alkaloids in Linaria vulgaris growing in Moldavia. (Rus) Lupu, K G *Rastitel Resursy* 9 (2): 206-208. 1973

067810 450 R18
Economic value of population of Dioscorea caucasica & Dioscorea nipponica. (Rus) Korneva, E I *Rastitel Resursy* 9 (2): 209-212. 1973

067811 450 R18
Seasonal & age changes in amount of diosgenin in Dioscorea deltoidea Wall. (Rus) Buchkova, T A *Rastitel Resursy* 9 (2): 212-217. Ref. 1973

067812 450 R18
Qualitative evaluation for presence of quinones in species of Salvia L. in flora of Soviet Union. (Rus) Romanova, A S *Rastitel Resursy* 9 (2): 218-222. Ref. 1973

067813 450 R18
Effect of growing conditions on accumulation of biologically active substances in Chelidonium majus. (Rus) Gozin, A A *Rastitel Resursy* 9 (2): 222-225. 1973

067814 450 R18
Artemisia pontica, a new source of azulenes. (Rus) Berezovskaia, T P *Rastitel Resursy* 9 (2): 225-235. Ref. 1973

067815 450 R18
Physiological features of Nepeta transcaucasica Grossh. grown under irrigated conditions. (Rus) Karpova, G IA *Rastitel Resursy* 9 (2): 242-250. Ref. 1973

067816 450 R18
Chemical composition of several species of Trapa L. (Rus) Okonenko, V U *Rastitel Resursy* 9 (2): 250-261. Ref. 1973

067817 450 R18
Introduction of Eupatorium cannabinum & Eupatorium purpureum into Moscow Region. (Rus) Novosel'tseva, N P *Rastitel Resursy* 9 (2): 261-263. 1973

067818 450 R18
Method of statistical processing of data on seed productivity of plants such as Potentilla aurea L. (Rus) Vainagii, I V *Rastitel Resursy* 9 (2): 287-296. Ref. 1973

067819 450 R18
Distribution of flavonoids in certain families of higher plants. 8. Ericaceae. (Rus) Bandiukova, V A *Rastitel Resursy* 9 (2): 297-303. Ref. 1973

067820 450 R18
Natural coumarins as antimicrobial substances. (Rus) Shcherbanovskii, L R *Rastitel Resursy* 9 (2): 303-310. Ref. 1973

067821 442.8 R326
Pharmacological 'screening' of Brazilian plants. (Por) Carlini, E A *Rev Brasil Biol* 32 (2): 265-274. Ref. Aug 1972

067822 TP983.A433
Study of essential oil from Pogostemon plectranthoides (Desf.) B. New, from the above essential oil isolated compounds. (Ger) Nigam, S S *Riechst Aromen Korperpflegem* 23 (4): 114, 116. Eng. Sum. Apr 1973

067823 385 R59
Alkaloids of Senecio vernalis W. K. (Pol) Rulko, F *Rocz Chem* 47 (1): 71-75. Eng. Sum. 1973

067824 420 R81
Mutual regulation of growth & development in plants & insects. Osborne, D J *Roy Entomol Soc London Symp* 6: 33-42. Ref. 1972

067825 420 R81
Floral allurements for pollinating insects. Yeo, P F *Roy Entomol Soc London Symp* 6: 51-57. Ref. 1972

067826 442.9 SA6
Zinc absorption by excised leaf tissue of coffee plants (Coffea arabica L.) i. (Por) Blanco, H G *Sao Paulo Inst Biol Arq* 39 (1): 1-12. Ref. Eng. Sum. Jan/Mar 1972

067827 451 SCH9
Distribution of plumieride in Plumeria acutifolia & Plumeria bracteata. (Ger) Wanner, H *Schweiz Bot Ges Ber* 81: 27-39. Ref. Eng. Sum. 1971 (Pub. 1972)

067828 451 SCH9
Aleurone vacuoles & spherosomes in endosperm of Ricinus communis during growth & germination of seed. [Castorbeans]. (Ger) Schwarzenbach, A M *Schweiz Bot Ges Ber* 81: 70-91. Ref. Eng. Sum. 1971 (Pub. 1972)

067829 451 SCH9
Histochemical patterns in leaf abscission. (Ger) Hagemann, P *Schweiz Bot Ges Ber* 81: 97-138. Ref. Eng. Sum. 1971 (Pub. 1972)

067830 470 SCI25
Roots. [Plant]. Epstein, E *Sci Amer* 228 (5): 48-55, 58. May 1973

067831 S13.S44
On photoregulatory systems of plants. (Rus) Rubin, L B *Sel'skokhoz Biol* 8 (1): 135-146. Ref. Eng. Sum. Jan/Feb 1973

067832 S13.S44
Some biological features of Mulgedium tataricum. (Rus) Motuzok, P F *Sel'skokhoz Biol* 8 (1): 150-151. Jan/Feb 1973

067833 S13.S44
Absorbing activity of root in connection with anatomo-morphological differentiation of its surface cells. (Rus) Potapov, N G *Sel'skokhoz Biol* 8 (1): 49-56. Ref. Eng. Sum. Jan/Feb 1973

067834 56.8 SO38
Effect of cyanamids on ascorbic acid-redox system & on content of nucleic acid in barnyardgrass. [Echinochloa crusgalli oryzicola]. (Ger) Inoue, K *Soil Sci Plant Nutr* 18 (6): 247-253. Ref. Nov 1972

067835 SK1.S6
Effect of salinity on germination & growth of plants important to wildlife in Gulf Coast marshes. Palmisano, A W *Southeast Ass Game Fish Comm Proc* 25Th: 215-223. Ref. (Pub. June 1972)

067836 450 F58AE
Problem of biological self-regulation & plant physiology. Kursanov, A L *Soviet Plant Physiol* 19 (5): 768-772. Sept/Oct 1972 Transl 1973

067837 450 F58AE
Beta-fructosidase from Saccharomyces (Kluyveromyces) lactis. Yurkevich, V V *Soviet Plant Physiol* 19 (5): 796-803. Ref. Sept/Oct 1972 Transl 1973

067838 450 F58AE
Study of polyphosphate phosphohydrolase from Endomyces magnusii. Kulaev, I S *Soviet Plant Physiol* 19 (5): 838-846. Ref. Sept/Oct 1972 Transl 1973

067839 450 F58AE
Some remarks about cytokinins. [Plants]. Mothes, K *Soviet Plant Physiol* 19 (5): 863-872. Ref. Sept/Oct 1972 Transl 1973

067840 450 F58AE
Study of biosynthesis of catechins & flavonols in tea. Zaprometov, M N *Soviet Plant Physiol* 19 (5): 882-887. Ref. Sept-/Oct 1972 Transl 1973

067841 450 F58AE
Synthesis of storage proteins in endosperm of repening castor seeds. Sobolev, A M *Soviet Plant Physiol* 19 (5): 894-899. Ref. Sept/Oct 1972 Transl 1973

067842 450 F58AE
Cytoplasmic nonhemin iron porteins from nodules of legumes. Peive, Ya *Soviet Plant Physiol* 19 (5): 900-905. Ref. Sept-/Oct 1972 Transl 1973

067843 450 F58AE
Reversible 2-deoxy-D-glucose effect of repression of photosynthesis apparatus in cells of Chlorella. Semenenko, V E *Soviet Plant Physiol* 19 (5): 918-923. Sept/Oct 1972 Transl 1973

067844 450 F58AE
Hydrogen evolution in algae under illumination. Oshchepkov, V P *Soviet Plant Physiol* 19 (5): 931-937. Ref. Sept-/Oct 1972 Transl 1973

067845 450 F58AE
Ultrastructure of root mitochondria under conditions of anoxia & increased temperatures. Vartapetyan, B B *Soviet Plant Physiol* 19 (5): 944-949. Ref. Sept/Oct 1972 Transl 1973

067846 QD415.A1S7
Comparative investigations on amino acids from Phragmites australis (Cav.) Trin. et Stend., Typha angustifolia L., Typha latifolia L. And Scirpus lacustris L. (Rum) Hurghisiu, I *Stud Cercet Biochim* 16 (1): 17-22. Ref. Eng. Sum. 1973

067847 68.19 M28
Some biological features of subtropical persimmons under varying ecological conditions of Azerbaijan. (Rus) Gasanov, Z M *Subtrop Kul't* 5: 136-141. 1972

067848 S19.T3
Physiology of Dendrocalamus latiflorus Munro during flowering. [Bamboo]. (Chi) Kao, C *Taiwan Agr Quart* 8 (4): 208-218. Ref. Eng. Sum. Dec 1972

067849 385 T29
Structure of vermiculine, a new nine-membered lactone from Penicillium vermiculatum. Sedemera, P *Tetrahedron Lett* 16: 1347-1348. Apr 1973

067850 385 T29
Synthesis of lateral chain of cucurbitacines. (Fre) Reinach-Hirtzbach, F de *Tetrahedron Lett* 16: 1363-1366. Ref. Apr 1973

067851 385 T29
Malagasy plants. X. 1. New alkaloid from Catharanthus longifolius Pich. (Apocynaceae). (Fre) Rasoanaivo, P *Tetrahedron Lett* 16: 1425-1428. Ref. Apr 1973

067852 385 T29
Hastatosid, a new iridoid from Verbena officinalis & Verbena hasta (Verbenaceae). (Ger) Rimpler, H *Tetrahedron Lett* 17: 1463-1464. Apr 1973

067853 382 T29
Stereostructures of leucothol B & D, diterpenoids of Leucothoe grayana. Hikino, H *Tetrahedron* 29 (5): 773-779. Mar 1973

067854 382 T29
Meroterpenoids. I. Psoralea corylifolia Linn. 1. Bacuchiol, a novel monoterpene phenol. Mehta, G *Tetrahedron* 29 (8): 1119-1125. Ref. Apr 1973

067855 382 T29
Meroterpenoids. II. Psoralea corylifolia Linn. 2. Absolute configuration of ( )-bakuchiol. Rao, A S C P *Tetrahedron* 29 (8): 1127-1130. Apr 1973

067856 382 T29
Methoxy-12 delta 14-vincamine, new isolated alkaloid of crioceras dipladeniiflorus (Stapf) K. Schumann (Apocynaceae). (Fre) Bruneton, J *Tetrahedron* 29 (8): 1131-1133. Eng. Sum. Apr 1973

067857 505 T64
Absorption of some mineral elements by Nectria cinnabarina (Tode) cultivated on medium containing biotin or auxin. (Fre) Berducou, J *Toulouse Soc Hist Natur Bull* 108 (3/4): 520-524. 1972 (Pub. Feb 28, 1973)

067858 442.8 T78
Spontaneous fluctuations of potential & electrical capacity of Nitella flexilis plasmalemma in sodium chloride solutions. (Rus) Vodianoi, V IA *Tsitologiya* 14 (11): 1436-1440. Ref. Eng. Sum. Nov 1972

067859 442.8 T78
Temperature dependence of enzymatic activity & Km of acid phosphatase from leaves of spring & summer species of Leucojum vernum & Leucojum aestivum. (Rus) Feldman, N L *Tsitologiya* 15 (2): 170-176. Ref. Eng. Sum. Feb 1973

067860 442.8 T78
On localization of ferric phosphate polymer in mycelia of Penicillium chrysogenum. (Rus) Okorokov, L A *Tsitologiya* 15 (4): 481-483. Ref. Eng. Sum. Apr 1973

067861 A99.9 F7632US
Winterfat fruits & seeds retain high viability 3 years in cold storage. [Eurotia lanata]. Springfield, H W *U S Forest Serv Res Note RM* 233, 3 P. 1973

067862 407 G29B
Cadmium in plants. Shacklette, H T *U S Geol Surv Bull* 1314-G, 28 P. Map. Ref. 1972

067863 157.5 B87
Deep maxima of photosynthetic chlorophyll in Pacific Ocean. Venrick, E L *U S Natl Mar Fish Serv Fish Bull* 71 (1): 41-529 Map. Ref. Jan 1973

067864 474 UM7
Influence of plant hormones on plant storage substances. (Ger) Kull, U *Umschau* 73 (8): 243. Eng. Sum. Apr 15, 1973

067865 442.9 L542V
Carotenoids of blue-green algae. significance for understanding of photosynthesis evolution & mechanism. [Cyanophyta]. (Rus) Pinevich, V V *Vestn Leningr Univ, Biol* 4: 105-122. Ref. Eng. Sum. Nov 1972

067866 442.8 M66
Features of natural regeneration of introduced Crataegus in Central Botanical Garden of Academy of Sciences, Belorussian SSR. (Bel) Babareka, IA Z *Vestsi Akad Navuk BSSR, Ser Biial Navuk* 6: 18-22. 1972

067867 442.8 M66
On status of pigment 710 in darkness & with illumination of prolonged darkened Chlorella cells. (Bel) Liakhnovich, IA P *Vestsi Akad Navuk BSSR, Ser Biial Navuk* 6: 43-52. Ref. 1972

067868 442.8 M66
Change of state & specific radioactivity of chlorophylls a & b when warming chloroplasts & action of trypsin. (Bel) Shlyk, A A *Vestsi Akad Navuk BSSR, Ser Biial Navuk* 6: 53-58. Ref. 1972

067869 20 M66
Change in biochemical composition of plants in relation to application of large doses of mineral fertilizers. (Bel) Shempel', V I *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 1: 47-52. Ref. 1973

067870 20 M66
Feeding plants with ammonia water through synthetic film. (Rus) Shempel', V I *Vestsi Akad Navuk BSSR, Ser Sel'-skahaspad Navuk* 5: 41-46. 1973

067871 20 V82
Results & problems of scientific investigations in physiology & biochemistry of plants. (Ukr) Vlasiuk, P A *Visnyk Sil's'-kohospodar Nauk* 9: 1-9. Sept 1972

067872 20 AK1
Regulating photosynthesis with short-term irradiation by far-red & red light. (Rus) Moshkov, B S *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 2: 2-4. Ref. Feb 1973

067873 293.8 SE8
Artificisl reservoir destratification effects on phytoplankton. Lackey, R T *Water Pollut Contr Fed J* 45 (4): 668-673. Map. Ref. Apr 1973

067874 79.8 W412
Influence of root exudates on Orobanche seed germination. Hameed, K M *Weed Res* 13 (1): 114-117. Ref. Mar 1973

067875 QK711.W4
Ribulose diphosphate carboxylase – an enigma resolved? Walker, D A *What's New Plant Physiol* 5 (4): 3 P. Ref. Apr 1973

PHYSIOLOGY AND BIOCHEMISTRY OF FIELD CROPS

067876 450 AC823
Regulation of growth of tobacco tissues with cytokinin & auxins. Sziraki, I L *Acta Bot* 18 (1/2): 203-214. Ref. 1973

067877 385 AG8
Studies on productions of lipids & tocopherols in seed during repening. II. Changes in fatty acid & tocopherol compositions of corn seed & castor bean during ripening. (Jap) Yoshida, H *Agric Chem Soc Jap J* 45 (12): 625-630. Eng. Sum. Dec 1972

067878 256.13 AG82M
Trace elements in Northern Ireland: effects on growth of grass & crops. Adams, S N *Agric North Irel* 47 (12): 437-439. Apr 1973

067879 64.8 AG84
Comparative evaluation of crude protein, lysine & methionine levels in Opaque 2 & Floury 2 maize hybrids. (Hun) Bardy, A *Agrobotanika* 13: 79-85. Eng. Sum. 1971 (Pub. 1972)

067880 385 AG89
Effect of enriching corn seeds with micronutrients on yield & quality of grain in Moldavia. (Rus) Toma, S I *Agrokhimiia* 2: 111-114. Ref. Feb 1973

067881 385 AG89
Effect of defoliants on two phases of process of forming a dividing layer in explants of cotyledonous leaves of cotton plants. (Rus) Zubkova, N F *Agrokhimiia* 2: 128-133. Ref. Feb 1973

067882 385 AG89
Grain crop uptake of nutrients in various soil-climatic regions. (Rus) Peterburgskii, A V *Agrokhimiia* 2: 144-150. Ref. Feb 1973

067883 385 AG89
Water consumption & uptake of nutrients by corn in Ukrainian Polesye. (Rus) Kul'bida, V V *Agrokhimiia* 2: 70-77. Feb 1973

067884 4 AM34P
Effect of N [nitrogen] fertilization on dry matter yield, total-N, N recovery, & nitrate-N concentration of three cool-season forage grass species. George, J R *Agron J* 65 (2): 211-216. Ref. Mar/Apr 1973

067885 4 AM34P
Estimating transpiration resistance. [Sorghum]. Brun, L J *Agron J* 65 (2): 326-328. Mar/Apr 1973

067886 8 AG828
Effect of gamma irradiations on various cultivated species. [Grain]. (Spa) Alba, G de *Agronomia (Monterrey)* 148, 7 P. Mar 1973

067887 442.9 AK18
Effect of some growth substances on peroxidase isoenzymes in wheat germination. (Rus) Jaaska, V *Akad Nauk Est Ssr Izv Ser Biol* 21 (2): 130-140. Ref. Eng. Sum. 1972

067888 442.9 AK18
Influence of exogenous sugar feeding on accumulation of anthocyanins & rutin in buckwheat seedling hypocot otyls. Margna, U *Akad Nauk Est Ssr Izv Ser Biol* 21 (2): 141-150. Ref. 1972

067889 442.9 AK18
Influence of quasi-crystalline structure of water upon post-irradiational effects in barley seedlings. (Rus) Kalam, J *Akad Nauk Est Ssr Izv Ser Biol* 21 (2): 175-178. 1972

067890 442.9 AK18
Enzyme variability & phylogenetic relationships in grass genera Agropyron gaertn. & Elymus L. I. Agropyron intermedium (Host) Beauv. & Agropyron elongatum (Host) Beauv. Jaaska, V *Akad Nauk Est Ssr Izv Ser Biol* 21 (3): 207-218. Ref. 1972

067891 442.9 AK18
Dependence of leucoanthocyanidin accumulation upon metabolic shifts caused by externally introduced nutritive factors. [Buckwheat]. Margna, U *Akad Nauk Est Ssr Izv Ser Biol* 21 (3): 219-222. 1972

067892 442.8 AL6
Variability of certain growth indices of spring wheat in northern Kazakhstan. (Rus) Mamonov, L K *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 2: 22-26. Mar/Apr 1973

067893 511 AK192D
Biological & biochemical characteristics of forage plants. 2. Changes of chemical composition of Polygonum weyrichi green mass depending on plant growth & development. (Rus) Marciulionis, V *Akad Nauk Litov Ssr Darbai Tr Ser C* 3 (59): 41-47. Eng. Sum. 1972

067894 511 P444A
Mobilization of nitrogen reserves & activity of proteolytic enzymes in maize sprout endosperm during root growth stimulation by exogenous mineral nitrogen. (Rus) Khavkin, E E *Akad Nauk SSsr Dokl* 208 (5): 1246-1249. Ref. 1973

067895 511 P444A
On respiration & distribution of oxidases in leaf articulations of grasses. (Rus) Dudinskii, IA A *Akad Nauk SSsr Dokl* 209 (1): 239-242. 1973

067896 511 P444A
Extraction & properties of proteolytic enzyme from buckwheat seeds. (Rus) Belozerskii, M A *Akad Nauk SSsr Dokl* 209 (5): 1215-1218. Ref. 1973

067897 389.78 AL4
Variations in mineral elements content of alfalfa (Medicago sativa L.) related to variety & cutting. (Ita) Polidori, F *Aliment Anim* 16 (2): 49-58. Ref. Eng. Sum. Mar/Apr 1972

067898 506 SP12
Effects of drought in maize & sorghum. (Spa) Sanchez-Diaz, M F *An Edafol Agrobiol* 31 (11/12): 927-937. Ref. Eng. Sum. Nov/Dec 1972

067899 450 AN4
Development & dry matter production of grassland plants dependent on environment & association of species. [Ranunculus frieseanus, Dactylisglomerata]. (Ger) Koblet, R *Angew Bot* 46 (1/2): 59-74. Ref. Eng. Sum. May 1972

067900 14 F8499
Variations of ryegrass cobalt content. Investigating enriching methods. [Lolium multiflorum]. (Fre) Coppenet, M *Ann Agron* 23 (2): 165-196. Ref. Eng. Sum. 1972

067901 14 F8499A
Possibilities of controlling varietal identity in white clover (Trifolium repens L.) under artificial conditions. (Fre) Chesneaux, M T *Ann Amelior Plantes* 22 (3): 311-319. Eng. Sum. 1972

067902 442.8 AN72
Effect of seed weight on early growth & nodulation of white clover. Mytton, L R *Ann Appl Biol* 73 (3): 329-338. Apr 1973

067903 61.9 AS7N
Dormancy in seed of spring barley. Hall, P J *Ass Off Seed Anal News Lett* 47 (2): 25-27. May 1973

067904 23 AU792
Factors affecting competition between subterranean clover & a barley cover crop. McGowan, A A *Australian J Exp Agr Anim Husb* 13 (60): 56-62. Ref. Feb 1973

067905 SB249.N6
Current status of abscission retardants & accelerants of young cotton fruit. Lyon, J L *Beltwide Cotton Prod Res Conf Proc* P. 36-40. Ref. 1972

067906 442.8 B5236
Change in predominance from C4 to C3 pathway following anthesis in sorghum. Khanna, R *Biochem Biophys Res Commun* 52 (1): 121-124. May 1, 1973

067907 QR73.B5
Aspects of biochemistry & ultrastructure of a cytoplasmically inherited plastid defect (Dpl) of tobacco. Shumway, L K *Biochem Genet* 8 (3): 271-280. Mar 1973

067908 QK710.F5
Interactions between plants & epiphytic bacteria regarding their auxin metabolism. XI. Changes of auxin content of corn plants caused by IAA [indoleacetic acid]-producing. IAA-destroying & IA (Ger) Manteuffel, R *Biochem Physiol Pflanzen (bpp)* 163 (6): 586-595. Ref. Eng. Sum. 1972

067909 382 B522
Biosynthesis of unsaturated fatty acids by higher plant systems. [Safflower]. Stumpf, P K *Biochem Soc Symp* 35: 57-63. 1972

067910 381 B523
Ultraviolet irradiation of components of wheat embryo in vitro protein synthesizing system. Murphy, T M *Biochemistry* 12 (9): 1782-1789. Ref. Apr 24, 1973

067911 381 B522
Methylation patterns of ribonucleic acids from chloroplasts & cytoplasm of fenugreek (Trigonella foenum graecum L.) cotyledons. Rijven, A H G C *Biochim Biophys Acta* 299 (4): 564-567. Ref. Apr 11, 1973

067912 381 B522
Synthesis of pCoumaroyl coenzyme A with a partially purified p-coumarate: CoA ligase from cell suspension cultures of soybean (Glycine max). Lindl, T *Biochim Biophys Acta* 302 (2): 457-464. Ref. Apr 12, 1973

067913 450 B52
Respiration in barley seeds treated with mutagenic methyl methanesulphonate & stored at different water contents. Svachulova, J *Biol Plant* 15 (2): 140-143. 1973

067914 450 B52
High temperature induced changes in germination, seedling vigour & metabolic activities in rice seeds. Mukherjee, J *Biol Plant* 15 (2): 65-71. Ref. 1973

067915 450 B52
Presence & distribution of alpha & beta glucosidase in root tip. [Corn]. Benes, K *Biol Plant* 15 (2): 88-94. Ref. 1973

067916 450 B52
Investigation of effect of pollination on ribosomal RNA, transfer RNA & DNA contents in styles of Nicotiana alata. Tupy, J *Biol Plant* 15 (2): 95-101. Ref. 1973

067917 450 B652
Retardation of leaf senescence in maize by subtoxic levels of bromacil, fluometuron, & astrazine. Hiranpradit, H *Bot Gaz* 134 (1): 26-31. Ref. Mar 1973

067918 450 B652
Relationship between age of bean leaves, sodium export, & permeability of leaf tissue. [Kidney beans]. Jacoby, B *Bot Gaz* 134 (1): 46-49. Ref. Mar 1973

067919 60.19 B773
Seasonal patterns of digestible organic matter & protein production from grasses in north Pennies. Thomas, J G *Brit Grassland Soc J* 28 (1): 34-40. Ref. Mar 1973

067920 79.9 B77
Plant growth regulators as a pretreatment for sugar beet seeds. Scott, R K *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 752-759. 1972

067921 79.9 B77
Glyphosine-a plant growth regulator for sugarcane & sugar beets. Ahlrichs, L E *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 1215-1219. Ref. 1972

067922 S13.B7
Determining nitrogen nutrition of meadow grasses with help of an index procedure. (Cze) Korab, A *Brno Acta Univ Agr Fac Agron* 20 (2): 237-251. 1972

067923 470 C16C
Manganese & zinc absorption with octylphenoxyethanol surfactants by soybean leaf tissues. Beauchamp, E G *Can J Bot* 51 (3): 613-620. Ref. Mar 1973

067924 470 C16C
Cytochemical differentiation between ATPase [Adenoside triphosphatase] & fructose-1,6-diphosphatase in dry peanut cotyledons. Grove, S N *Can J Bot* 51 (3): 643-645. Ref. Mar 1973

067925 450 C16
Effects of moisture stress at early heading & of nitrogen fertilizer on three spring wheat cultivars. Dubetz, S *Can J Plant Sci* 53 (1): 1-5. Ref. Jan 1973

067926 450 C16
Sensitivity of several species of grasses & legumes to soil acidity. Elliott, C R *Can J Plant Sci* 53 (1): 113-117. Jan 1973

067927 450 C16
Factors affecting measurement of electrical impedance of alfalfa tissue. Walton, P D *Can J Plant Sci* 53 (1): 119-123. Ref. Jan 1973

067928 450 C16
Electricial impedance of tissue of grasses receiving cold treatments. Walton, P D *Can J Plant Sci* 53 (1): 125-127. Jan 1973

067929 450 C16
Application of automated dialysis & colorimetry to assay of nitrate & nitrate reductase in plant extracts. Jones, R W *Can J Plant Sci* 53 (1): 207-213. Ref. Jan 1973

067930 450 C16
Effect of (2-chlorethyl)trimethylammonium chloride on the growth and cold resistance of winter barley cultivar Dover. (Fre) Belzile, L *Can J Plant Sci* 53 (1): 31-36. Ref. Eng. Sum. Jan 1973

067931 450 C16
Relations between estimates of seed vigor & field performance in wheat. Dasgupta, P R *Can J Plant Sci* 53 (1): 43-46. Jan 1973

067932 450 C16
Evaluation of an artificial test for frost hardiness in wheat. Fowler, D B *Can J Plant Sci* 53 (1): 53-59. Ref. Jan 1973

067933 450 C16
Tolerance of some turfgrass species to different concentrations of salt in soils. Cordukes, W E *Can J Plant Sci* 53 (1): 69-73. Jan 1973

067934 56.8 C162
Effects of soil temperature on early growth of six single-cross corn hybrids. MacLean, A J *Can J Soil Sci* 53 (1): 128-129. Feb 1973

067935 385 C172
A hemicellulosic beta-D-glucan from maize stem. Buchala, A J *Carbohyd Res* 26 (2): 421-425. Ref. Feb 1973

067936 S590.C63
Relation between growth & leaf nitrogen concentration in Nandi Setaria [Pennisetum clandestinum, Digitaria decumbens, Cenchrus ciliaris]. Hanzell, E E *Commun Soil Sci Plant Anal* 4 (2): 147-154. 1973

067937 S590.C63
Variation in leaf-nitrogen concentration in two tropical grasses. [Setaria anceps, Cnechrus ciliaris]. Hanzell, E F *Commun Soil Sci Plant Anal* 4 (2): 155-161. 1973

067938 S590.C63
Effect of sulfur on yield & amino acids of soybeans. Sharma, G C *Commun Soil Sci Plant Anal* 4 (2): 77-82. Ref. 1973

067939 22.5 C88
Analysis of effect of climatic factors upon productivity of rice at different localities in Japan. (Jap) Murata, Y *Crop Sci Soc Japan Proc* 41 (4): 372-387. Map. Ref. Dec 1972

067940 22.5 C88
Stomatal movement & water relations in crops. 2. Stomatal behavior of tobacco leaves of different ages & influence of soil water shortage. (Jap) Jodo, S *Crop Sci Soc Japan Proc* 42 (1): 123-130. Eng. Sum. Mar 1973

067941 22.5 C88
Relations between leaf senescence index & root activity of rice plants. (Jap) Youn, K B *Crop Sci Soc Japan Proc* 42 (1): 13-17. Eng. Sum. Mar 1973

067942 22.5 C88
Influence of shading on nodulation & nitrogen fixation of soybean. (Jap) Yoshida, S *Crop Sci Soc Japan Proc* 42 (1): 135-136. Mar 1973

067943 22.5 C88
Studies on mechanism of differences in photosynthesis among species. III. Influence of low oxygen concentration on dry matter production & grain fertility of rice plant. (Jap) Akita, S *Crop Sci Soc Japan Proc* 42 (1): 18-23. Ref. Eng. Sum. Mar 1973

067944 22.5 C88
Studies on effect of fertilizer application of nitrogen on fat content in rice kernel. (Jap) Yanatori, S *Crop Sci Soc Japan Proc* 42 (1): 24-28. Ref. Eng. Sum. Mar 1973

067945 22.5 C88
Studies on floatin rice. III. Effects of raising. (Jap) Yamaguchi, T *Crop Sci Soc Japan Proc* 42 (1): 29-34. Eng. Sum. Mar 1973

067946 22.5 C88
Studies on floating rice. IV. Effects of raising water level on nitrogenous compounds of tops. (Jap) Yamaguchi, T *Crop Sci Soc Japan Proc* 42 (1): 35-40. Ref. Eng. Sum. Mar 1973

067947 22.5 C88
Changes of endogenous gibberellins in rice plants as affected by growth stage & different growth conditions. Osada, A *Crop Sci Soc Japan Proc* 42 (1): 41-45. Mar 1973

067948 22.5 C88
Growth analysis on plant type in peanut varieties, etal groups factors affecting seastonal change of growth rate of main stem & its difference between infraspecific two vari-. (Jap) Maeda, K *Crop Sci Soc Japan Proc* 42 (1): 46-53. Ref. Eng. Sum. Mar 1973

067949 22.5 C88
Analysis of yield-determing process & its application to yield-prediction & culture improvement of lowland rice. CXIII. Effects of nitrogen top-dressing at full heading stage on kernel qualiti (Jap) Matsuzaki, A *Crop Sci Soc Japan Proc* 42 (1): 54-62. Ref. Eng. Sum. Mar 1973

067950 22.5 C88
Changes in chlorophyll content & chlorophyll retention of leaf segments according to growth of various leaf blades in rice plant. (Jap) Youn, K B *Crop Sci Soc Japan Proc* 42 (1): 6-12. Ref. Eng. Sum. Mar 1973

067951 22.5 C88
Spectral dependence of growth & development of rice plant. I. Effects of selective removal of spectral components from white light on growth of seedlings. Inada, K *Crop Sci Soc Japan Proc* 42 (1): 63-71. Ref. Mar 1973

067952 22.5 C88
Influence of shading treatment on growth of leaf & root, & sugar accumulation in sugar beet varieties. (Jap) Miyaura, K *Crop Sci Soc Japan Proc* 42 (1): 72-78. Eng. Sum. Mar 1973

067953 22.5 C88
Fate of fertilizer nitrogen applied to paddy field & its absorption by rice plant. 4. Distribution of basal & top-dressed nitrogen in rice plant. (Jap) Wada, G *Crop Sci Soc Japan Proc* 42 (1): 84-90. Ref. Eng. Sum. Mar 1973

067954 22.5 C88
Fate of fertilizer nitorgen applied to paddy field & absorption by rice plant. 5. fate of basal nitrogen in paddy field & its absorption by rice plant under various cultural conditi (Jap) Takahashi, J *Crop Sci Soc Japan Proc* 42 (1): 91-96. Eng. Sum. Mar 1973

067955 22.5 C88
Studies on dry matter production in corn plant. I. Seed weight as a factor in early vegetative growth. (Jap) Akiyama, T *Crop Sci Soc Japan Proc* 42 (1): 97-102. Ref. Eng. Sum. Mar 1973

067956 64.8 C883
Induction of germination of impermeable cottonseed by electrical treatment. Stone, R B *Crop Sci* 13 (2): 159-161. Ref. Mar/Apr 1973

067957 64.8 C883
Effects of fruit load, temperature, & relative humidity on boll retention of cotton. Ehlig, C F *Crop Sci* 13 (2): 168-171. Mar/Apr 1973

067958 64.8 C883
Physiologic maturity in grain sorghum. Eastin, J D *Crop Sci* 13 (2): 175-178. Ref. Mar/Apr 1973

067959 64.8 C883
Insolation & temperature effects on maize growth & yield. Duncan, W G *Crop Sci* 13 (2): 187-191. Ref. Mar/Apr 1973

067960 64.8 C883
Effects of seed size on seedling performance in soybeans: iI. Seedling growth & photosynthesis & field performance. Burris, J S *Crop Sci* 13 (2): 207-210. Ref. Mar/Apr 1973

067961 64.8 C883
Reciprocal differences in tolerance to seed-hydration chilling in Fl progeny of Gossypium hirsutum L. [Upland cotton]. Christiansen, M N *Crop Sci* 13 (2): 210-212. Ref. Mar/Apr 1973

067962 64.8 C883
Dry matter accumulation patterns in determinate & indeterminate soybeans. Egli, D B *Crop Sci* 13 (2): 220-222. Ref. Mar/Apr 1973

067963 64.8 C883
Pollen distribution & seedset on Triticum aestivum L. [Wheat]. Khan, M N *Crop Sci* 13 (2): 223-226. Mar/Apr 1973

067964 64.8 C883
Relationship between decarboxylation of glutamic acid & vigor in soybean seed. Abdul-Baki, A A *Crop Sci* 13 (2): 227-232. Ref. Mar/Apr 1973

067965 64.8 C883
Photosynthetic responses to C02 [carbon dioxide] & light by maize & wheat leaves adjusted for constant stomatal apertures. Akita, S *Crop Sci* 13 (2): 234-237. Ref. Mar/Apr 1973

067966 64.8 C883
Variability in radiation received by small plots of sugarcane due to differences in canopy heights. Tovey, D A *Crop Sci* 13 (2): 240-242. Mar/Apr 1973

067967 64.8 C883
Influence of temperature & photoperiod on floral initiation & leaf number in sorghum. Quinby, J R *Crop Sci* 13 (2): 243-246. Ref. Mar/Apr 1973

067968 64.8 C883
Temperature effects on hypocotyl elongation of soybeans. Gilman, D F *Crop Sci* 13 (2): 246-249. Mar/Apr 1973

067969 64.8 C883
Temperature control of time intervals between vegetative & reproductive events in soybeans. Hesketh, J D *Crop Sci* 13 (2): 250-254. Mar/Apr 1973

067970 64.8 C883
Factors influencing vegetative growth & flowering in Astragalus cicer L. Townsend, C E *Crop Sci* 13 (2): 262-264. Mar/Apr 1973

067971 64.8 C883
Residual effects of germination temperature in sugarcane. Gascho, G J *Crop Sci* 13 (2): 274-276. Ref. Mar/Apr 1973

067972 64.8 C883
Product inhibition of photosynthesis in alfalfa leaves as related to specific leaf weight. Chatterton, N J *Crop Sci* 13 (2): 284-285. Mar/Apr 1973

067973 511 AK147D
Effect of nitrogen fertilizers on organic acid content in cotton leaves when chloride salts are added. (Aze) Azizvekova, Z S *Dokl Akad Nauk Az SSR* 28 (5): 71-73. Ref. Eng. Sum. 1972

067974 512 SO2
Amylase isoenzymes at early phases of development of Triticum aestivum L. [Wheat]. Illiev, S V *Dokl Bolg Akad Nauk* 25 (10): 1417-1419. 1972

067975 450 EU6
Protein electrophoresis as an aid to oat variety identification. Singh, R S *Euphytica* 22 (1): 98-105. Ref. Mar 1973

067976 10 EX72
Effects of soil moisture stress on two varieties of upland cotton in Israel. Iv. Effects of periods of stress occurrence, correlations & regressions. Marani, A *Exp Agr* 9 (2): 121-128. Apr 1973

067977 10 EX72
Components analysis of yield responses to drought of sorghum hybrids. Blum, A *Exp Agr* 9 (2): 159-167. Ref. Apr 1973

067978 475 EX7
Competitiveness of gamma sterilized moths to normal moths of spotted bollworm of cotton, Earias vittella (F.). Ashraf, M *Experientia* 29 (3): 373-374. Mar 15, 1973

067979 18 W763
Instruction for application of (2-chloroethyl) trimethylammonium chloride in growing Mironowskaja 808 & Fakir wheat varieties during 1973. (Ger) Becker, H G *Feldwirtschaft* 14 (3): 110-112. Mar 1973

067980 28 F55
Influence of environmental conditions in treatments of constant photoperiods in sugar cane. (Spa) Perez Antich, E *Fitotec Latinoamer* 8 (2): 7-11. Eng. Sum. 1972

067981 28 F55
Influence of two acid soils (with & without calcium carbonate) on absorption of aluminum, seed germination, & dry matter production of rice (Oryza sativa) veryfied using modified Neubaue (Por) Baptista da Silva, J *Fitotec Latinoamer* 8 (2): 74-78. Ref. Eng. Sum. 1972

067982 QK1.F5
Dependence of photosynthesis intensity in sugar beet leaves on temperature & carbon dioxide concentration with different light intensities. (Rus) Okanenko, A S *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 4 (4): 373-378. Ref. Eng. Sum. July/Aug 1972

067983 QK1.F5
Effect of antitranspirants on photosynthesis intensity, yield & sugariness of sugar-beet. (Rus) Okanenko, A S *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 4 (6): 590-594. Ref. Eng. Sum. Nov/Dec 1972

067984 QK1.F5
Nucleic acids & nuclear proteins of winter wheat meristems with inhibition of growth by lowered temperatures. (Rus) Kalinin, F L *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 4 (6): 599-601. Ref. Eng. Sum. Nov/Dec 1972

067985 QK1.F5
Effect of low temperatures on structure of chloroplasts & metabolism of winter wheat seedlings. (Rus) Lebedev, S I *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 4 (6): 602-606. Ref. Eng. Sum. Nov/Dec 1972

067986 QK1.F5
Effect of some indoleacetic acid precursors on its enzymatic synthesis at early stages of zinc deficiency in maize. (Rus) Vlasiuk, P A *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 5 (1): 13-18. Ref. Eng. Sum. Jan/Feb 1973

067987 QK1.F5
Metabolism changes with temperature drop in winter wheat varieties different by frost resistance. (Rus) Barashkova, E A *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 5 (1): 19-25. Ref. Eng. Sum. Jan/Feb 1973

067988 QK1.F5
Effect of fertilizers & irrigation on properties of starch in wheat grains. (Rus) Torzhinskaia, L R *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 5 (1): 33-37. Eng. Sum. Jan/Feb 1973

067989 QK1.F5
Nucleic acids in seeds of maize heterotic hybrids. (Rus) Shereveria, N I *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 5 (1): 38-43. Ref. Eng. Sum. Jan/-Feb 1973

067990 QK1.F5
Nature of varietal resistance to lodging & its biochemical characteristics. [Wheat]. (Rus) Liaskovskii, M I *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 5 (1): 44-49. Ref. Eng. Sum. Jan/Feb 1973

067991 QK1.F5
Content of vitamins in soil & their effect on growth of maize plants. (Rus) Epanchinov, A V *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 5 (1): 50-54. Ref. Eng. Sum. Jan/Feb 1973

067992 QK1.F5
Biochemical characteristics of electrically & morphologically polar caryopses & maize leaves. (Rus) Maslobrod, S N *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 5 (1): 55-59. Ref. Eng. Sum. Jan/Feb 1973

067993 QK1.F5
On possible mechanisms of respiratory metabolism disturbance in roots with low values of hydorgen-potential. [Wheat, corn]. (Rus) Gordon, L Kh *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 5 (1): 68-70. Ref. Eng. Sum. Jan/-Feb 1973

067994 QK1.F5
Determination of absorption & synthetic activity of winter wheat roots. (Rus) Kurkina, V M *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 5 (1): 95-97. Ref. Eng. Sum. Jan/Feb 1973

067995 450 F58
Transient processes during liberation of bleeding sap by sunflower root system. Kinetic analysis. (Rus) Vakhmistrov, D V *Fiziol Rast (mosc)* 20 (2): 250-259. Ref. Eng. Sum. Mar/Apr 1973

067996 450 F58
Effect of salinization on initial phases of plant growth. [Wheat]. (Rus) Udovenko, G V *Fiziol Rast (mosc)* 20 (2): 277-286. Ref. Eng. Sum. Mar/Apr 1973

067997 450 F58
Photosynthetic exchange of carbon dioxide in leaves of beet & maize & its relation with types of phytocenoses. (Rus) Nichiporovich, A A *Fiziol Rast (mosc)* 20 (2): 300-308. Ref. Eng. Sum. Mar/Apr 1973

067998 450 F58
Aftereffect of red & blue light on activity of glycolate oxidase & glyoxylate aminotransferases in bean & maize plants. (Rus) Voskresenskaia, N P *Fiziol Rast (mosc)* 20 (2): 309-316. Ref. Eng. Sum. Mar-Apr 1973

067999 450 F58
Role of auxin & kinetin in induction of divisions in pith parenchyma of tobacco stem. (Rus) Dmitrieva, N N *Fiziol Rast (mosc)* 20 (2): 339-346. Ref. Eng. Sum. Mar/Apr 1973

068000 450 F58
Inhibitors of cotton seeds of different age. (Rus) Ovcharov, K E *Fiziol Rast (mosc)* 20 (2): 347-352. Ref. Eng. Sum. Mar/Apr 1973

068001 450 F58
Transport of phosphoorganic defoliant butyphos into cotton seeds. (Rus) Barnetas, P K *Fiziol Rast (mosc)* 20 (2): 365-371. Ref. Eng. Sum. Mar/Apr 1973

068002 450 F58
Respiration of sunflower seeds during their formation & ripening. (Rus) Fenelonova, T M *Fiziol Rast (mosc)* 20 (2): 372-375. Ref. Eng. Sum. Mar/Apr 1973

068003 450 F58
Some physiologo-biochemical properties & productivity of interline maize hybrids. (Rus) Teplova, E A *Fiziol Rast (mosc)* 20 (2): 380-384. Ref. Eng. Sum. Mar/Apr 1973

068004 450 F58
On ability of proteins from maize leaves to bind some derivatives of phenoxyacetic acid. (Rus) Zemskaia, V A *Fiziol Rast (mosc)* 20 (2): 398-401. Mar/Apr 1973

068005 450 F58
Quantitative methods used for investigation of seeds of different quality. [Soybeans]. (Rus) Bartkov, B I *Fiziol Rast (mosc)* 20 (2): 409-411. Mar/Apr 1973

068006 450 F58
Factors inhibiting nitrate reductase activity in roots of summer wheat at low temperatures in zone of plant roots. (Rus) Glianko, A K *Fiziol Rast (mosc)* 20 (2): 412-414. Ref. Mar/Apr 1973

068007 450 F58
Effect of epiphyte microorganisms on ribonuclease activity in germinating seeds. [Corn]. (Rus) Churikova, V V *Fiziol Rast (mosc)* 20 (2): 414-417. Ref. Mar/Apr 1973

068008 41.8 F712
Contribution to study of nutritional values of grass in relation to fertilizers. I. effect of fertilizers on botanical composition, productivity & nitrogen substances in grass. (Slo) Baran, L *Folia Vet* 16 (3/4): 33-39. Eng. Sum. 1972

068009 41.8 F712
Contribution to study of nutritional value of grass in relation to fertilizers. II. effect of gradually increased nitrogen doses on beta-carotene content & its productivity per hectare. (Slo) Tusanova, E *Folia Vet* 16 (3/4): 41-46. Ref. Eng. Sum. 1972

068010 11 F772
Investigations of relationship between grass leaves & stems cut at different times & on two levels. [Phleum]. (Nor) Olsen, E *Forsk Forsok Landbruket* 24 (1): 73-88. Eng. Sum. 1973

068011 105.1 G344
Orthonil compared with phytohormones in growth bioassays. [Field crops]. (Fre) Vanderhoven, C *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 623-633. Ref. Eng. Sum. 1972

068012 105.1 G344
Evolution of abscisic acid in tissues of a cotton boll. Langhe, E de *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 634-640. 1972

068013 442.8 G91
Development & aging in Helianthus annuus L. effects of bilogical milieu of apical meristem on patterns of development. [Sunflowers]. Habermann, H M *Growth* 36 (4): 339-349. Ref. Dec 1972

068014 443.8 H42
DNA synthesis in rye chromosomes. Ayonoadu, U *Heredity* 30 (2): 233-240. Ref. Apr 1973

068015 443.8 H42
Herbivore feeding & cyanogenesis in Trifolium repens L. [White clover]. Whitman, R J *Heredity* 30 (2): 241-244. Ref. Apr 1973

068016 107.6 H61B
Studies on the water management in the mat rush culture. II. The influence of flooding irrigation after March on the growth of mat rush grass. [Juncus]. (Jap) Shimoyamane, Y *Hiroshima Agr Exp Sta Bull* 32: 31-38. Nov 1972

068017 64.8 H66
Biology of flowering and fertility of autotetraploid buckwheat (Fagopyrum sagittatum Gilib.). (Pol) Lapinski, M *Hodowla Roslin Aklimatyzacja Nasiennictwo* 16 (2): 141-154. Ref. Eng. Sum. 1972

068018 SB191.W5B32
Effect of sowing time & seed quantity on quality of winter wheat. (Hun) Pollhamer, E *In Bajai, Jeno. Buzatermesztesi Kiserletek, 1960-1970* P. 593-601. Ref. Eng. Sum. 1971

068019 SB123.E39
Physiological & genetic sensitivity to radioactivity in different phases of development in barley. (Rus) Shutka, I *In Eksperimental'nyi Mutagenez v Selektsii* P. 142-150. Ref. 1972

068020 SB123.E39
Effect of gamma ray irradiation of initial forming of shoots & during spike formation on sprouting, growth, productivity & mutation process of spring wheat (Triticum aestivum vulgare). (Rus) Mel'tser, R F *In Eksperimental'nyi Mutagenez v Selektsii* P. 236-248. Ref. 1972

068021 SB123.E39
Irradiating oats at different stages of development & in different physiological states. (Rus) Hel'o, S *In Eksperimental'nyi Mutagenez v Selektsii* P. 272-284. 1972

068022 463.34 L65
'storehouses' of cereals & their influences through nutritional factors. (Ger) Linser, H *In Linser, Hans, ed. Handbuch der Pflanzenernahrung und D Ungung* 1 (2): 1109-1126 1972

068023 SB191.W5P62
Effect of preceding crops & field conditions on winter wheat varieties, & aftereffect on grain quality of succeeding generations. (Rus) Sechniak, L K *In Povyshenie Kachestva Zerna Pshenitsy* P. 139-149. 1972

068024 SB191.W5P62
Some patterns of protein accumulation in wheat grain. (Rus) Pavlov, A N *In Povyshenie Kachestva Zerna Pshenitsy* P. 157-170. 1972

068025 SB191.W5P62
Nitrogen and phosphorus metabolism in winter wheat and its relationship to yield and quality of grain relative to nutrition conditions. (Rus) Volleidt, L P *In Povyshenie Kachestva Zerna Pshenitsy* P. 181-190. 1972

068026 SB191.W5P62
Effect of nitrogen nutrition conditions on grain yield & quality of spring & winter wheats in light gray forest soils of Gor'kii Region. (Rus) Kodanev, I M *In Povyshenie Kachestva Zerna Pshenitsy* P. 209-214. 1972

068027 SB191.W5P62
Effect of fertilizers on chemical composition of different varieties of winter wheat. (Rus) Mineev, V G *In Povyshenie Kachestva Zerna Pshenitsy* P. 230-235. 1972

068028 SB191.W5P62
Role of nitrogen supplements in improving quality of winter wheat grain in relation to preceding crops & under irrigation. (Rus) Zalov, M K *In Povyshenie Kachestva Zerna Pshenitsy* P. 244-248. 1972

068029 SB191.W5P62
Effect of fertilizers & irrigation on biochemical & technological properties of Bezostaia i wheat variety. (Rus) Torzhinskaia, L P *In Povyshenie Kachestva Zerna Pshenitsy* P. 292-296. 1972

068030 SB191.W5P62
Procedures for increasing quantitative amounts & improving quality of wheat grain protein. (Rus) Pokrovskaia, N F *In Povyshenie Kachestva Zerna Pshenitsy* P. 89-98. 1972

068031 TK9400.S92 1972
Absorption of sulphur dioxide by tobacco plants differently supplied with sulpate. Faller, N *In Symposium on the Use of Isotopes and Radiation in Re Search on Soil-plant Relat incl For, Vienna, 1971. Proc* 00 000 1972 1972

068032 TK9400.S92 1972
Influence of nitrogen nutrition on discrimination between strontium & calcium in oat plants. Andersen, A J *In Symposium on the Use of Isotopes and Radiation in Re Search on Soil-plant Relat incl For, Vienna, 1971. Proc* 00 000 1972 1972

068033 TK9400.S92 1972
Role of plasma membrane & tonoplast adenosine triphosphatases in ion uptake. [Corn]. Williamson, F A *In Symposium on the Use of Isotopes and Radiation in Re Search on Soil-plant Relat incl For, Vienna, 1971. Proc* P. 69-80. Ref. 1972

068034 SB112.V6
Non-lodging, an important trait of a variety. [Grain]. (Rus) Tsitsin, N V *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 103-106. 1972

068035 SB112.V6
Direct laboratory method for diagnosis of heat & drought resistance of barley & corn. (Rus) Genkel', P A *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 127-131. 1972

068036 22 AG83I
Influence of levels of N [nitrogen] fertilizer on yield, protein & amino acids of pearl-millet (Pennisetum typhoides (Burm. f) Stapf & C. E. Hubb.). Deosthale, Y G *Indian J Agr Sci* 42 (10): 872-876. Oct 1972

068037 22 IN235
Lodging studies in Mexican wheats in relation to mineral nutrition. Chandravanshi, B R *Indian J Agron* 17 (4): 287-289. Dec 1972

068038 22 IN235
Production of seeds & vegetative sets of important grasses in Western India. Oke, J G *Indian J Agron* 17 (4): 325-328. Dec 1972

068039 22 IN235
Growth in relation to chlorophyll content of young maize plants. Jain, T C *Indian J Agron* 17 (4): 334-343. Ref. Dec 1972

068040 464.8 IN2
Responses of healthy & macrophomina [phaseoli] – infected jute plants to growth substances. Purkayastha, R P *Indian Phytopathol* 25 (3): 366-373. Ref. Sept 1972

068041 65.8 IN26
Studies on response of ratoon of sugarcane to calcium ammonium nitrate. Singh, O *Indian Sugar (calcutta)* 22 (10): 781-784. Jan 1973

068042 65.8 IN26
Physiological research of sugarcane to auxin & agallol. Singh, O *Indian Sugar (calcutta)* 22 (8): 633-635. Nov 1972

068043 77.8 IN3
Selection of compounds for treatment of rapeseeds active on imagos of large flea beetles (Psylliodes chrysocephala). (Fre) Pierre, J G *Inform Tech Cetiom (Cent Tech Interprof Oleagineux Metrop)* 30: 1-28. Jan/Feb 1973

068044 107 J552
A comparative study of soil versus foliar application of ammonium nitrate to wheat under different moisture regimes. Nerson, H *Israel J Agr Res* 22 (3): 171-177. Sept 1972

068045 10 J822
Physiology of seed yield in field beans (Vicia faba L.). I. Yield & yield components. [Broadbeans]. Ishag, H M *J Agr Sci (London)* 80 (2): 181-189. Ref. Apr 1973

068046 10 J822
Physiology of seed yield in field beans (Vicia faba L.) iI. Dry-matter production. [Broadbeans]. Ishag, H M *J Agr Sci (London)* 80 (2): 191-199. Apr 1973

068047 10 J822
Effects of kinetin on growth & development of barley & its interaction with root size. Ruckenbauer, P *J Agr Sci (London)* 80 (2): 211-217. Ref. Apr 1973

068048 10 J822
Environmental & varietal differences in diastatic power & four associated characteristics of spring barley. Hayter, A M *J Agr Sci (London)* 80 (2): 297-302. Ref. Apr 1973

068049 10 J822
Cold tolerance & winter hardiness in Lolium perenne. II. Influence of light & temperature during growth & hardening. Lawrence, T *J Agr Sci (London)* 80 (2): 341-348. Apr 1973

068050 S19.J62
Some effects of salinity on plant growth with emphasis on cereals & related plants. Bhatti, A S *J Agric Res* 10 (3): 172-175. Ref. Sept 1972

068051 S19.J62
Effect of growth period on sucrose contents in sugar beet. Khan, M I *J Agric Res* 10 (3): 176-180. Sept 1972

068052 450 J8224
Genotypic differences in in vitro formation of embryoids from rice pollen. Guha-Mukherjee, S *J Exp Bot* 24 (78): 139-144. Ref. Feb 1973

068053 450 J8224
Non-specificity of salt effects on mg2 [magnesium]-dependent ATPase [adenosinetriphosphatase] from grass roots. [Corn, barley, oats]. Ratner, A *J Exp Bot* 24 (78): 231-238. Ref. Feb 1973

068054 450 J8224
Effects of cycloheximide on mitosis in Vicia faba root-meristem cells. [Broadbeans]. Webster, P L *J Exp Bot* 24 (78): 239-44. Ref. Feb 1973

068055 450 J8224
Morphogenetic effects on vegetative plants of Poa pratensis L. of 6-azauracil, (2-chloreothyl)-phosphonic acid, & (2-chloroethyl)trimethyl-ammonium chloride & their interaction with gibberellic acid. Andel, O M van *J Exp Bot* 24 (78): 245-257. Ref. Feb 1973

068056 450 J8224
Effect of root position on measured root membrane potentials [Barley]. Helmy, A K *J Exp Bot* 24 (78): 29-32. Feb 1973

068057 450 J8224
An alternative explanation for apparently active water exudation in excised roots. [Maize]. Tyree, M T *J Exp Bot* 24 (78): 33-37. Ref. Feb 1973

068058 450 J8224
Effects of flooding & drainage & their alternation on growth & uptake of nutrients by rice (Oryza sativa L., indica, var. IR-8). Sheikh, K H *J Exp Bot* 24 (78): 64-75. Ref. Feb 1973

068059 450 J8224
Auxin transport in secondary tissues. [Tobacco]. Sheldrake, A R *J Exp Bot* 24 (78): 87-96. Ref. Feb 1973

068060 450 J8224
Apical dominance is not due to a lack of functional xylem & phloem in inhibited buds. [Soybeans]. Peterson, C A *J Exp Bot* 24 (78): 97-103. Ref. Feb 1973

068061 64.8 J27
Timing of nucleic acid syntheses & mitosis in first leaf meristem of germinating barley seeds. Tatara, A *Jap J Breed* 23 (1): 15-21. Ref. Feb 1973

068062 64.8 J27
Studies on haploid formation from immature pollen grain. I. Relation between pollen stage & plantlet formation & process of embryoid formation in Nicotiana tabacum. [Tobacco]. (Jap) Mii, M *Jap J Breed* 23 (1): 27-34. Ref. Eng. Sum. Feb 1973

068063 385 K524
Determining uptake of nutrients by green plant mass of corn from fertilizers & soil. (Rus) Selevtsev, V F *Khim Sel'skom Khoz* 10 (10): 10-16. Ref. 1972

068064 385 K524
Effect of ammonium molybdate on yield & quality of corn grain. (Rus) Gnilitskaia, A B *Khim Sel'skom Khoz* 10 (10): 16-18. 1972

068065 385 K524
Effectivwness of tripolyphosphate of potassium in vegetative experiments with Lolium multiflorum. (Rus) Konstantinova, V I *Khim Sel'skom Khoz* 10 (10): 38-40. 1972

068066 385 K524
Effect of fertilizers on chemical composition & physico-mechanical properties of fiber-flax fibers. (Rus) Petrash, V G *Khim Sel'skom Khoz* 10 (9): 19-22. 1972

068067 385 K524
Effect fertilizers on certain physiological processes in cotton plant. (Rus) Rzaev, I T *Khim Sel'skom Khoz* 11 (2): 14-15. 1973

068068 511 R442
Peculiarities of growth & development of Festuca rubra L. shoots depending on level of nitrogen nutrition. (Rus) Klavina, G *Latv Psr Zinat Akad Vestis Izv* 11: 21-29. Ref. Eng. Sum. 1972

068069 SD1.L4
Growth & overground phytomass of Pinus koraiensis young growth on felled areas. (Rus) Voroshilov, V P *Lesovedenie* 5: 48-52. Ref. Eng. Sum. 1972

068070 66.8 L69
Differences among protein fractions in various parts of sugar beet & changes caused by irrigations. (Cze) Svachula, V *Listy Cukrov* 89 (1): 1-7. Ref. Eng. Sum. Jan 1973

068071 QK600.M5
Effects produced by fungi isolated from rhizosphere of barley & oat plants on developing seedlings of these plants. (Rus) Kirilenko, T S *Mikol Fitol* 7 (1): 3-7. Ref. 1973

068072 442.8 N22
Effect of variable temperature-light conditions on development & frost resistance of winter wheat. (Rus) Babenko, V I *Nauch Dokl Vyssh Shk, Biol Nauk* 1: 71-77. Ref. 1973

068073 442.8 N22
Fatures of growth of isolated lupine root. V. distribution of volume concentration & protein content along tip of root during ageing. (Rus) Potapov, N G *Nauch Dokl Vyssh Shk, Biol Nauk* 5: 91-97. Ref. 1972

068074 442.8 N22
Change of cytological indices of photosynthetic apparatus of flax under ontogenesis at different levels of zinc supply of plants. (Rus) Porokhnevich, N V *Nauch Dokl Vyssh Shk, Biol Nauk* 6: 68-74. Ref. 1972

068075 442.8 N22
Amino acid composition of water soluble proteins of fodder bean seeds. (Rus) Grishanova, T F *Nauch Dokl Vyssh Shk, Biol Nauk* 6: 80-84. 1972

068076 450 N42
Induction of nitrate reductase in leaves of barley in dark. Roth-Bejerano, N *New Phytol* 72 (2): 253-257. Ref. Mar 1973

068077 450 N42
[3H] thymidine utilization in primary root of Vicia faba L. [Broadbeans]. MacLeod, R D *New Phytol* 72 (2): 259-267. Ref. Mar 1973

068078 450 N42
Growth & water absorption of wheat with parts of roots at different water potentials. Lawlor, D W *New Phytol* 72 (2): 297-305. Mar 1973

068079 20.5 N86
Problem of lodging resistance in cereals. (Pol) Slusarczyk, M *Nowe Roln* 22 (3): 18-20. Feb 1/15 1973

068080 513 OB3
Studies on tillering in orchardgrass (Dactylis glomerata L.). 1. Relation between plant density & tillering. (Jap) Maruyama, J *Obihiro Zootech Univ Res Bull* (Ser. 1) 7 (4): 618-627. Ref. Eng. Sum. Jan 1973

068081 513 OB3
Studies on alpha-galactosidases: detection of alpha-galactosidases in seeds of plants. [Soybeans, beans, peas]. (Jap) Sato, T *Obihiro Zootech Univ Res Bull* (Ser. 1) 7 (4): 636-640. Ref. Eng. Sum. Jan 1973

068082 513 OB3
Changes in nucleic acid related substances in developing sugar beets, with reference to sucrose biosynthesis. (Jap) Suzuki, M *Obihiro Zootech Univ Res Bull* (Ser. 1) 7 (4): 641-649. Ref. Eng. Sum. Jan 1973

068083 100 OH3S (2)
Computers in cornfield. [Growth factors]. *Ohio Agr Res Develop Center Res Bull* 1061: 12. 1972

068084 77.8 OL2
Isolation & in vitro cultivation of cells of Elaeis guineensis. [African oilpalm]. Smith, W K *Oleagineux* 28 (3): 123-127. Ref. Mar 1973

068085 8 P832J
Diurnal behavior of sugarcane acid invertase. Alexander, A G *P R Univ J Agr* 57 (1): 84-86. Jan 1973

068086 QK1.P3
Interactive effects of (2-chloroethyl)-trimethylammonium chloride & phytohormones on growth of wheat seedlings. Begum, F *Pak J Bot* 4 (1): 35-439 ref. June 1972

068087 QK1.P3
Effect of (2-chloroethyl) trimethylammonium chloride on growth & mineral uptake in safflower, (Carthamus tinctorius L.). Saeed, M *Pak J Bot* 4 (1): 45-50. Ref. June 1972

068088 QK1.P3
Phototropic response of decapitated coleoptiles. [Oats, corn]. Naqvi, S M *Pak J Bot* 4 (1): 51-53. June 1972

068089 475 P174
Extraction of pectic substances from sunflower heads. II. hemicelluloses. Baqai, S *Pakistan J Sci Indus Res* 15 (3): 202-203. Ref. June 1972

068090 475 P174
Extraction of pectic substances from sunflower heads. Qudrat-e-Khuda, M *Pakistan J Sci Indus Res* 15 (3): 202-203. June 1972

068091 SB351.A1P3
Chemical growth regulant for peanuts. Whitty, E B *Peanut Farmer* 9 (3): 9. Mar 1973

068092 SB951.P47
Derivatives of N-(Pyrid-2-yl)thiourea as root growth inhibitors. [flax]. Brown, B T *Pestic Sci* 4 (2): 217-225. Apr 1973

068093 SB951.P47
Degradation of phosphonates. II. influence of O-alkyl group on breakdown of some O-alkyl methylphosphonofluoridates in wheat plants. Howells, D J *Pestic Sci* 4 (2): 239-245. Apr 1973

068094 QK882.A1P4
Structure & development of sugar beet canopy. I. Leaf area-leaf angle relations. Hodanova, D *Photosynthetica* 6 (4): 401-409. Ref. 1972

068095 QK882.A1P4
Effect of blue light on activity of carboxylating enzymes & NADP -dependent glyceraldehyde-3-phosphate dehydrogenase in bean & maize plants. Poyarkova, N M *Photosynthetica* 7 (1): 58-66. Ref. 1973

068096 QK882.A1P4
Synthesis of magnesium-protoporphyrin. IX. In vitro. [Wheat]. Ellsworth, R K *Photosynthetica* 7 (1): 73-86. Ref. 1973

068097 QK882.A1P4
Activities of enzymes related to photosyntheses & 14CO2 [Carbon dionide] fixation products in normal & carotenoid mutant maize leaves. Nagy, A H *Photosynthetica* 7 (1): 87-92. Ref. 1973

068098 450 P564
Effect of potassium supply on acropetal transport of water, inorganic ions & amino acids in young decapitated sunflower plants (Helianthus annuus). Mengel, K *Physiol Plant* 28 (2): 232-236. Ref. 1973

068099 450 P564
In vivo characterization of nitrate reductase activity in cotton. Bilal, I M *Physiol Plant* 28 (2): 237-243. Ref. 1973

068100 450 P564
Studies on genetic control of a nitrogenase component in leguminous root nodules. [Rhizobium, mung beans, cowpeas]. Phillips, D A *Physiol Plant* 28 (2): 248-253. Ref. 1973

068101 450 P564
Lipid metabolism in dehydrating peanut kernels. Mohapatra, S C *Physiol Plant* 28 (2): 320-326. Ref. 1973

068102 450 P564
Oscillatory transpiration & water uptake of Avena plants. II. Effects of deformation of xylem vessels. [Oats]. Brogardh, T *Physiol Plant* 28 (2): 341-345. Ref. 1973

068103 450 P564
Response of cowpeas to salinity & (2-chloroethyl) trimethyl-ammonium chloride (CCC). Imbamba, S K *Physiol Plant* 28 (2): 346-349. Ref. 1973

068104 450 P564
Light induced protochloropgyll – chlorophyll a-transformation & succeeding interconversions of different forms of chlorophyll. [Barley]. Virgin, H I *Physiol Plant* 28 (2): 350-357. Ref. 1973

068105 450 P564
Subcellular distribution of picloram. [Cowpeas]. Baur, J R *Physiol Plant* 28 (2): 372-373. 1973

068106 464.8 P56
Development of a normal tobacco plant from a false broomrape tumor. Jenkins, S F *Phytopathology* 63 (4): 546. Apr 1973

068107 450 P692
Rhythmicityin basipetal transport of indoleacetic acid through coleoptiles. [Corn, oats]. Shen-Miller, J S *Plant Physiol* 51 (4): 615-619. Ref. Apr 1973

068108 450 P692
Mathematical analysis of plant growth. Zea mays primary roots. [Corn]. Salamon, P *Plant Physiol* 51 (4): 635-640. Apr 1973

068109 450 P692
Embryoless wheat grain. A natural system for study of gibberellin-induced enzyme formation. Khan, A A *Plant Physiol* 51 (4): 641-645. Ref. Apr 1973

068110 450 P692
Light-induced changes in pattern of protein synthesis during early stages of greening of etiolated maize leaves. Kaveh, D *Plant Physiol* 51 (4): 671-676. Ref. Apr 1973

068111 450 P692
Chemical composition of tobacco leaves altered by near-ultraviolet & intensity of visible light. Andersen, R *Plant Physiol* 51 (4): 723-726. Ref. Apr 1973

068112 450 P692
Membrane-bound adenosine triphosphatase activities of oat roots. Leonard, R T *Plant Physiol* 51 (4): 749-754. Ref. Apr 1973

068113 450 P692
Effects of potassium deficiency on photosynthesis & respiration of leaves of sugar beet. Terry, N *Plant Physiol* 51 (4): 783-786. Ref. Apr 1973

068114 450 P692
Photosynthetic carbon metabolism in isolated maize bundle sheath strands. Chollet, R *Plant Physiol* 51 (4): 787-792. Ref. Apr 1973

068115 450 P692
Metabolic regulation in senescing tobacco leaf. I. Changes in pattern of 32p [phosphorus] incorporation into leaf disc metabolites. Macnicol, P K *Plant Physiol* 51 (4): 793-797. Ref. Apr 1973

068116 450 P692
Metabolic regulation in senescing tobacco leaf. II. Changes in glycolytic metabolite levels in detached leaf. Macnicol, P K *Plant Physiol* 51 (4): 798-801. Ref. Apr 1973

068117 450 P692
Differences in lipid composition between undifferentiated & mature maize chloroplasts. Poincelot, R P *Plant Physiol* 51 (4): 802-804. Ref. Apr 1973

068118 450 P692
Efects of some rare elements on nicotine content of tobacco plant. Tso, T C *Plant Physiol* 51 (4): 805-806. Apr 1973

068119 450 P692
Change of leaf dimensions & air volume with change in water content. [Corn, soybeans]. Woolley, J T *Plant Physiol* 51 (4): 815-816. Apr 1973

068120 QK1.P5
Control of hydrolysis of reserve materials in endosperm of germinating oat (Avena sativa L.) grains. Sutcliffe, J F *Plant Sci Lett* 1 (1): 15-20. Ref. Jan 1973

068121 450 P696
Incorporation of P32 [phosphorus] in phosphate esters of sugarcane plant & effect of Si [silicon] & Ai [aluminum] on distribution of these esters. Cheong, Y W Y *Plant Soil* 38 (1): 113-123. Ref. Feb 1972

068122 450 P696
Secondary effects of potassium & nitrogen nutrition of rice: change in microbial activity & iron reduction in rhizosphere. Trolldenier, G *Plant Soil* 38 (2): 267-279. Ref. Apr 1973

068123 450 P696
Some physiological characteristics of Rhizobium meliloti & R [rizobium] trifolii in relation to efficiency of symbiosis with lucerne & Egyptian clover. Sarma, K S B *Plant Soil* 38 (2): 299-305. Ref. Apr 1973

068124 450 P696
Cellulase in red clover exudates. Bonish, P M *Plant Soil* 38 (2): 307-314. Ref. Apr 1973

068125 450 P696
Use of C1402 [radioactive carbon dioxide] canopy techniques for measuring carbon transfer through plant-soil system. [Wheat]. Warembourg, R F *Plant Soil* 38 (2): 331-345. Ref. Apr 1973

068126 450 P696
Growth & ion uptake by wheat supplies nitrogen as nitrate, or ammoniu, or both. Cox, W J *Plant Soil* 38 (2): 363-380. Ref. Apr 1973

068127 450 P696
On effects of phosphours on zinc up take by barley. Motsara, M R *Plant Soil* 38 (2): 381-392. Ref. Apr 1973

068128 450 P696
Lead uptake from solutions by perennial ryegrass & its transport from roots to shoots. [Lolium perenne]. Jones, L H P *Plant Soil* 38 (2): 403-414. Ref. Apr 1973

068129 450 P696
Effectiveness of different sources of phosphates on yield, available soil phosphorus & phosphourus content of bluebelle rice. Shukla, G C *Plant Soil* 38 (2): 447-455. Ref. Apr 1973

068130 450 P696
Effect of extracellular products of Aulosira fertilissima on growth of rice seedlings. Singh, V P *Plant Soil* 38 (2): 457-464. Ref. Apr 1973

068131 450 P693
Organ specific multiple forms of glutamic dehydrogenase in Medicago sativa. [Alfalfa]. (Ger) Hartmann, T *Planta* 111 (2): 119-128. Ref. Eng. Sum. 1973

068132 450 P693
Comparative studies on lipid composition of etioplasts & chloroplasts from Pisum & of chloroplasts from an Aurea mutant of Nicotiana. [Peas, tobacco]. (Ger) Heise, K P *Planta* 111 (2): 137-148. Ref. Eng. Sum. 1973

068133 450 P693
Effect of acetylcholine on growth & on growth inhibition by CCC [(2-chloroethyl) trimethylammonium chloride] in wheat seedlings. Dekhuijzen, H M *Planta* 111 (2): 149-156. Ref. 1973

068134 450 P693
On mechanism of 'photo-geo' response in mesocoty l of oat seedlings. Mer, C L *Planta* 111 (2): 179-182. 1973

068135 49 P952
Mineral content of pasture swards in Bieszczady mountains region. (Pol) Saba, L *Przegl Hodowlany* 41 (15/16): 32-33. Aug 1/31, 1972

068136 450 R11
Effects of gamma irradiation on growth & yield of agricultural crops. III. Root crops, legumes & grasses. Davies, C R *Radiat Bot* 13 (2): 127-136. Ref. Apr 1973

068137 442.8 R11
Influence of growth inhibitors from Vicia faba on in vitro survival of Ehrlich ascitic carcinoma cells. [Broadbeans]. (Rus) Medvedev, A I *Radiobiologiia* 13 (1): 135-138. Eng. Sum. Jan/Feb 1973

068138 442.8 R11
Effect of gamma-irradiation of seeds on superweak chemical luminescence & antioxygenous activity of wheat, maize, & buckwheat seedlings. (Rus) Gorlanov, N A *Radiobiologiia* 13 (1): 145-148. Eng. Sum. Jan/Feb 1973

068139 442.8 R11
Germinating capacity, growth & survival of plants irradiated with fast neutrons & gamma-rays. [Barley]. (Rus) Dishler, V IA *Radiobiologiia* 13 (2): 255-259. Ref. Eng. Sum. 1973

068140 442.8 R11
Influence of gamma-irradiation of seeds on reducing function of photosynthetic apparatus. [Peas, buckwheat]. (Rus) Kurganova, L N *Radiobiologiia* 13 (2): 292-294. Ref. Eng. Sum. 1973

068141 442.8 R11
On role of thiols in radiosensitivity of wheat seeds. (Rus) Semerdzhian, S P *Radiobiologiia* 13 (2): 303-306. Eng. Sum. 1973

068142 442.8 R11
Action of gibberellin on gamma-irradiated barley. (Rus) Zabolotskii, N N *Radiobiologiia* 13 (2): 309-313. Ref. Eng. Sum. 1973

068143 442.8 R11AE
Influence of various modifying factors on thiol level in wheat seeds & their radiosensitivity. Semerdzhyan, S P *Radiobiology* 12 (6): 141-144. Ref. Nov/Dec 1972

068144 442.8 R11AE
Effects of gamma irradiation on metabolic activity of nuclear & ribosomal fractions of cells of cotton plant. Ibragimov, A P *Radiobiology* 12 (6): 46-51. Ref. Nov/Dec 1972

068145 343 R32
Utilization patterns of deep water by a weeping lovegrass crop (Eragrostis curvula Nees), in a regosol soil of pampean semiarid region. (Spa) Fagioli, M *Rev Invest Agropecuar Ser 3 Clima Suelo* 9 (2): 61-70. Eng. Sum. 1972

068146 64.9 C33
Effect of application of nitrogen & phosphorus at different stages of organogenesis of shoot apex on nutrient uptake & utilization in winter wheat. (Cze) Smetankova, M *Rostlinna Vyroba* 18 (12): 1261-1273. Ref. Eng. Sum. Dec 1972

068147 HD1940.C95P74
Nutrition of winter wheat on basis of a methodical determination of rations of fertilizers. (Cze) Kindlmann, J *Sb Vys Sk Zemed Praze, Provozne Ekon Fak, Cesk Budejovicich, Biol Rada* 10 (2): 1-10. Ref. Eng. Sum. 1972

068148 451 SCH9
Growth & guttation of wheat treated or not treated with abscisic acid. (Fre) Collet, G F *Schweiz Bot Ges Ber* 81: 5-16. Ref. Eng. Sum. 1971 (Pub. 1972)

068149 451 SCH9
Role of radicular apex in growth, geotropism & auxin transport. [Corn, lentils]. (Fre) Pilet, P E *Schweiz Bot Ges Ber* 81: 52-65. Ref. Eng. Sum. 1971 (Pub. 1972)

068150 S13.S44
Reciprocal effects between root extracts of corn, & Azotobacter in rhizosphere. (Rus) Smirnova, V I *Sel'skokhoz Biol* 8 (1): 148-150. Jan/Feb 1973

068151 S13.S44
Effect of spectral composition of light & gibberellin on growth of barley seedlings & intensity of phosphorylation in them. (Rus) IAkushkina, N I *Sel'skokhoz Biol* 8 (1): 29-32. Ref. Eng. Sum. Jan/Feb 1973

068152 56.8 SO38
An aspect of protein turnover of barley plant during reproductive & vegetative growth stages. Shiomi, N *Soil Sci Plant Nutr* 18 (5): 169-172. Sept 1972

068153 56.8 SO38
Tracer study on preferential uptake of germanium by rice plant. [Phytotoxicity]. Tensho, K *Soil Sci Plant Nutr* 18 (5): 173-178. Ref. Sept 1972

068154 56.8 SO38
Utilization of arginine by rice callus tissue. Lee, K K *Soil Sci Plant Nutr* 18 (5): 179-184. Ref. Sept 1972

068155 56.8 SO38
Isolation of chloroplasts from rice leaves using glutaraldehyde. Morita, K *Soil Sci Plant Nutr* 18 (6): 225-231. Ref. Nov 1972

068156 56.8 SO38
Soil-plant nutrition studies on tropical rice. V. Yield components as affected by timing of top-dressing of nitrogen in Bangkhen paddy field. [Rice]. Koyama, T *Soil Sci Plant Nutr* 18 (6): 233-245. Ref. Nov 1972

068157 56.8 SO38
Effect of ornithine & citrulline on utilization of arginine in rice callus tissue. Furuhashi, K *Soil Sci Plant Nutr* 18 (8): 185-189. Ref. Sept 1972

068158 9.2 SO4
Mineral composition of elephantgrass (Pennisetum purpureum, Sschum.) variety Napier, in different stages of development. (Por) Prospero, A O *Solo* 64 (2): 45-51. Ref. Eng. Sum. Nov 1972

068159 QH491.S66
Formation of respiratory enzyme apparatus in growing cells: glycolytic enzymes in corn seedlings. Zeleneva, I V *Sov J Develop Biol* 2 (3): 249-259. Ref. May/June 1971 Transl 1972

068160 450 F58AE
Membrane transport of sucrose in plant tissue. [Sugar beets]. Turkina, M V *Soviet Plant Physiol* 19 (5): 773-779. Ref. Sept/Oct 1972 Transl 1973

068161 450 F58AE
Physiological role of sucrose synthetase in sugar beet roots. Pavlinova, O A *Soviet Plant Physiol* 19 (5): 780-785. Ref. Sept-/Oct 1972 Transl 1973

068162 450 F58AE
Regularities of growth & certain correlations between growth & sugar beet tissues cultures. Butenko, R G *Soviet Plant Physiol* 19 (5): 786-795. Ref. Sept/Oct 1972 Transl 1973

068163 450 F58AE
Probability of linkage between escape of sugars from mesophyll cells into void space & energy of photophosphorylation. [Sugar beets]. Brovchenko, M I *Soviet Plant Physiol* 19 (5): 804-807. Sept/Oct 1972 Transl 1973

068164 450 F58AE
Characteristics of plasmodesmata & lomasome-like formations in barley roots in connection with transport of substances. Vakmistrov, D B *Soviet Plant Physiol* 19 (5): 808-817. Sept/Oct 1972 Transl 1973

068165 450 F58AE
Role played by electrical excitation reaction in realization of functional connection between overground parts & roots during influence of external stimuli on tips of seedlings. [Vetch]. Opritov, V A *Soviet Plant Physiol* 19 (5): 818-823. Sept/Oct 1972 Transl 1973

068166 450 F58AE
Na -[sodium], D [potassium]-activated ATPase [adenosine triphosphatase] of conducting tissues. [Sugar beets, parsnip]. Bowling, D J F *Soviet Plant Physiol* 19 (5): 824-832. Ref. Sept/Oct 1972 Transl 1973

068167 450 F58AE
Functional acitvity of ribosomes in plants adapted to drought. [Beans, wheat]. Genkel, P A *Soviet Plant Physiol* 19 (5): 888-893. Sept/Oct 1972 Transl 1973

068168 450 F58AE
Chtochromes & rate of respiration in bacteroids of lupine nodules during process of plant growth. Kretovich, V L *Soviet Plant Physiol* 19 (5): 906-910. Ref. Sept-/Oct 1972 Transl 1973

068169 450 F58AE
Comparative evaluation of correlation between photosynthesis & certain features of nitrogen metabolism in maize & beans. Nichiporovich, A A *Soviet Plant Physiol* 19 (5): 911-917. Ref. Sept/Oct 1972 Transl 1973

068170 61.9 SV23
A method of determining resistance against sprouting in wheat. (Swe) Johansson, N *Sveriges Utsadesforen Tidskr* 82 (6): 359-367. Ref. Eng. Sum. 1972

068171 65.9 F76R
Effects of gamma irradiation on growth & RNA content of sugarcane. (Chi) Lo, C C *Taiwan Sugar Exp Sta Rep* 57: 1-12. Ref. Eng. Sum. Sept 1972

068172 65.9 F76R
Studies on sugarcane irrigation. VI. Effect of different levels of irrigation on growth & yield of sugarcane under various ground water tables. (Chi) Chen, C *Taiwan Sugar Exp Sta Rep* 57: 29-42. Sept 1972

068173 107.6 T134
Effect of nitrate nitrogen fertilizer on rice plant. (Jap) Kosuge, N *Takada Hokuriku Agr Exp Sta Bull* 14: 13-61. Ref. Eng. Sum. Mar 1972

068174 107.6 T134
Effects of underdrainage on growth & yield of rice plant in ill-drained paddy field. (Jap) Kurashima, K *Takada Hokuriku Agr Exp Sta Bull* 15: 27-75. Ref. Eng. Sum. Mar 1973

068175 107.6 T134
Contribution of absorbed nitrogen to relative growth rate of dry matter in paddy rice. (Jap) Kono, M *Takada Hokuriku Agr Exp Sta Bull* 15: 77-133. Ref. Eng. Sum. Mar 1973

068176 298.8 T22
Characters of wheats from harvest. (Fre) Geoffroy, R *Tech Ind Cerealieres* 139: 5-7. Nov/Dec 1972

068177 505 T64
Absortpion, complexity & oxidation-reduction of iron by sorghum roots (Sorghum dochna Forst). (Fre) Laulhere, J P *Toulouse Soc Hist Natur Bull* 108 (3/4): 474-492. Ref. 1972 (Pub. Feb 28, 1973)

068178 451 R92
On variability of fatty acid concentrations in oil of seeds of various suflower & flax cultivars. (Rus) Ermakov, A I *Tr Prikladnoi Bot Genet Selek* 48 (1): 14-21. Ref. Eng. Sum. 1972

068179 26 T754
Effect of micronutrient deficiencies on macronutrient accumulation in sugarcane. Bowen, J E *Trop Agr (st Augustine)* 50 (2): 129-137. Ref. Apr 1973

068180 26 T754
Pattern of water availability & water requirement for grain sorghum production at Samaru, Nigeria. Kowal, J *Trop Agr (st Augustine)* 50 (2): 89-100. Ref. Apr 1973

068181 QH573.T75
On theory of radiobiological effect of intensive cobalt 60 gamma-radiation in Helianthus annuus L. [Sunflowers]. (Rus) Kovachik, A *Tsitol Genet* 7 (1): 25-32. Eng. Sum. Jan/Feb 1973

068182 QH573.T75
On effect of different storage terms of ethyleneimine treated barley seeds on their field germination & mutations. (Rus) Garina, K P *Tsitol Genet* 7 (1): 42-45. Eng. Sum. Jan/Feb 1973

068183 442.8 T78
Changes in thermostability of some proteins after heat hardening of wheat leaves of different age. (Rus) Shcherbakova, A M *Tsitologiya* 15 (4): 391-398. Ref. Eng. Sum. Apr 1973

068184 157.5 B87
Harvest & regrowth of turtle grass (Thalassia testudinum) in Tampa Bay, Florida. Taylor, J L *U S Natl Mar Fish Serv Fish Bull* 71 (1): 145-148. Ref. Jan 1973

068185 S542.R6U5
Comparative research on photosynthesis of sorghum (Sorghum vulgare) & soybeans (Glycine hipsida) under influecne of mineral fertilizers & different densities. (Rum) Popescu, F *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 111-119. Eng. Sum. 1971 (Pub. 1972)

068186 S542.R6U5
Quality of some winter wheat hybrids cultivated at Banu-Maracine Craiova farm. (Rum) Ene, F *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 209-213. 1971 (Pub.1972)

068187 S542.R6U5
Variation of content of phosphorus, calcium & potassium in some species of Graminaceae & in hill lawn (Preajba, Gorj district), depending on fertilizers. [Agrosti (Rum) Mihailescu, I G *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 69-75. Eng. Sum. 1971 (Pub. 1972)

068188 S542.R6U5
Influence of several mineral fertilizers on chemical composition of harvest. [Oats]. (Rum) Olimid, V *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 99-104. Ref. Eng. Sum. 1971 (Pub. 1972)

068189 442.8 UZ1
Histochemical study of sorghum pollen. (Rus) Khazova, I I *Uz Biol Zhur* 5: 52-54. Ref. 1972

068190 S539.I4U5
Studies on presowing hardening in maize. Sreekantaradhya, R *UAS Res Ser Univ Agric Sci* 14: 257-264. Ref. 1972

068191 S539.I4U5
Physiological studies on drought in wheat. Parvatikar, S R *UAS Res Ser Univ Agric Sci* 14: 270-271. 1972

068192 20 AK16
Effect of water supply conditions on size of absorbent surface of root system of spring wheat in northern Aral Sea region. (Rus) Tikhonov, V E *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 26-30. Jan 1973

068193 20 AK16
Effect of soil density on germination of seeds of grain crops. (Rus) Suleimenov, M K *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 31-35. Jan 1973

068194 442.8 M66
Culture of lupine for feed & its alkaloid content. (Bel) Miranenka, A V *Vestsi Akad Navuk BSSR, Ser Biial Navuk* 1: 17-21. Ref. 1973

068195 442.8 M66
Uptake of beta-chloride of (2-chloroethyl)trimethylammonium chloride by wheat, oats & barley plants. (Bel) Shcharbakou, U A *Vestsi Akad Navuk BSSR, Ser Biial Navuk* 6: 27-31. Ref. 1972

068196 20 M66
Effect of dosage & ratio of mineral fertilizers on yield & quality of winter wheat in bog-podzolic soils. (Bel) Babul', A A *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 1: 53-55. 1973

068197 20 M66
Quality & yield of buckwheat seeds in relation to mineral nutrition conditions. (Bel) Artsem'eva, A E *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 1: 63-67. Ref. 1973

068198 41.8 V6429
Preliminary study on estrogenic content of some plant constituents of pastures from province of Leon (Spain). [Alfalfa, clover, rats, infertility]. (Spa) Vijil Maeso, E *Veterinaria (madrid)* 37 (10): 525-533. Ref. Eng. Sum. Oct 1972

068199 20 V82
On growth & development of winter wheat during autumn. (Ukr) Kislins'kyi, M K *Visnyk Sil's'kohospodar Nauk* 1: 44-51. Jan 1973

068200 20 AK1
Chemical components of some species of Poa. (Rus) Smirnova-Ikonnikova, M I *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 2: 14-15. Feb 1973

068201 20 AK1
Electrophoretic studies of proteins of leaves of different cotton species on polyacrylamide gel. (Rus) Shadmanov, R K *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 2: 8-10. Ref. Feb 1973

068202 S13.V9
Classification of an assortment of sainfoin (Onobrychis Adans.) according to its growth rhythm signs. (Slo) Uzik, M *Vysk Ustav Rast Vyroby Ved Pr* 10: 17-26. Ref. Eng. Sum. 1972

068203 S13.V9
Photosynthetic production of two sown species of clover-grass mixtures at single & divided nutrition with nitrogen. (Slo) Frycek, A *Vysk Ustav Rast Vyroby Ved Pr* 10: 187-195. Ref. Eng. Sum. 1972

068204 S13.V9
Contribution to correlations between chemical composition & morphological characteristics of sainfoin (Onobrychis Adans.). (Slo) Uzik, M *Vysk Ustav Rast Vyroby Ved Pr* 10: 27-36. Ref. Eng. Sum. 1972

068205 S13.V9
Chemical composition of an assortment of sainfoin (Onobrychis adans.). (Slo) Uzik, M *Vysk Ustav Rast Vyroby Ved Pr* 10: 37-44. Ref. Eng. Sum. 1972

068206 54.9 W262W
Trace elements deficiencies in hay from reclaimed organic soils of central & northern part of Poland. (Pol) Walczyna, J *Warsaw Inst Melior Uzytkow Zielonych Wiad* 10 (4): 29-46. Ref. Eng. Sum. 1972

068207 18 J825
Sodium & magnesium contents of various cultivars of perennial rye grass affected by temperature & relative air humidity. [Lolium perenne]. (Ger) Mengel, K *Z Acker& Pflanz* 136 (4): 272-279. Ref. Eng. Sum. Dec 1972

068208 18 J825
On influence of certain factors on content of soluble carbohydrates in crop from a ryegrass – white clover pasture. [Lolium perenne]. (Ger) Lang, V *Z Acker& Pflanz* 136 (4): 309-319. Ref. Eng. Sum. Dec 1972

068209 18 J825
Influence of growth retarding substances on cereals. I. Influence of CCC, [(2-chloroethyl-trimethylammonium chloride] DMC](diethylmorpholinium chloride] & CEPA [(2chloroethylphosphonic acid)] on components of yield in green house & growth c Wunsche, U *Z Acker& Pflanz* 136 (4): 331-341. Ref. Dec 1972

068210 448.3 C33 (3)
Influence of some trace elements on growth of Rhizobium from peanut (Arachis hypogaea L.) & gram (Cicer arietinum L.). Pillai, R N *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 127 (6): 612-617. 1972

068211 20.5 Z5
Physiological impact of coumarin on healthy plants & those infected by virus diseases. [Tobacco, mosaic]. (Pol) Mikulska-Macheta, A *Zeszyty Probl Postepow Nauk Roln* 133: 165-172. Ref. Eng. Sum. 1972

068212 49.9 C33
Balance digestibility of organic nutrients in case of differentiated level of nitrogenous fertilizing of pastures. (Cze) Kolar, I *Zivocisna Vyroba* 17 (9): 683-690. Eng. Sum. Sept 1972

PHYSIOLOGY AND BIOCHEMISTRY OF HORICULTURAL CROPS

068213 385 AC82
A quinol glucoside isolated from Cornus species. Jensen, S R *Acta Chem Scand* 27 (1): 367-369. 1973

068214 22.5 N682
Fruiting problems in fruit trees. 1. [Citrus, apples, grapes]. (Jap) Nakagawa, S *Agric Hortic* 48 (4): 101-106. Apr 1973

068215 22.5 N682
Cultivation of plants under artificial light. 2. (Jap) Bokura, T *Agric Hortic* 48 (4): 21-27. Ref. Apr 1973

068216 22.5 N682
Relation between leaf numbers on fruiting branch & fruit size & quality of mandarin oranges. (Jap) Suzuki, T *Agric Hortic* 48 (4): 93-94. Apr 1973

068217 22.5 N682
Absorption of cadmium in fruit trees. (Jap) Kawamata, S *Agric Hortic* 48 (4): 95-96. Apr 1973

068218 385 AG89
State of plastid pigments in carrot leaves in relation to application of herbicide Solan. (Rus) Sivtsev, M V *Agrokhimiia* 2: 134-137. Ref. Feb 1973

068219 4 AM34P
Effects of various nitrogen sources, timing, & rates on quality & growth rate of cool-season turfgrasses. Ledelboer, F B *Agron J* 65 (2): 243-246. Mar/Apr 1973

068220 442.9 AK18
Study of activity & isoenzyme composition of oxydation enzyme in potato infected with potato nematode. [Heterodera rostochiensis]. (Rus) Haberman, E *Akad Nauk Est Ssr Izv Ser Biol* 21 (4): 348-356. Ref. 1972

068221 511 P444A
Activity & isoenzymatic composition of peroxidase of bean leaves in relation to dehydration. (Rus) Alekseeva, V IA *Akad Nauk SSsr Dokl* 209 (1): 235-238. Ref. 1973

068222 SB21.A2A4
Research results for nurserymen. [Growth regulators, ornamental plants]. *Ala Agr Exp Sta Hort Ser* 18, 26 P. Aug 1972

068223 SB21.A2A4
Effect of photoperiod on growth of Empress tree, Paulownia tomentosa, seedlings. Sanderson, K C *Ala Agr Exp Sta Hort Ser* 18: 10-11. Aug 1972

068224 SB21.A2A4
Rooting response of cuttings of several ornamentals treated with various growth regulators. Sanderson, K C *Ala Agr Exp Sta Hort Ser* 18: 12-16. Aug 1972

068225 SB21.A2A4
Comparison of various morphactin sprays & node position on mean shoot length of azalea, cv. 'Kingfisher'. Sanderson, K C *Ala Agr Exp Sta Hort Ser* 18: 17-18. Aug 1972

068226 SB21.A2A4
Effect of various growth regulator sprays on shoot development of azalea, cv. 'Kingfisher'. Sanderson, K C *Ala Agr Exp Sta Hort Ser* 18: 19-20. Aug 1972

068227 SB21.A2A4
Germination of three woody ornamentals in municipal compost & peat media. [Catalpa bignonioides, Sophora japonica, Pinus taeda]. Sanderson, K C *Ala Agr Exp Sta Hort Ser* 18: 21-22. Aug 1972

068228 SB21.A2A4
Evaluation of several growth retardants on azaleas. *Ala Agr Exp Sta Hort Ser* 18: 23-24. Aug 1972

068229 SB21.A2A4
Photoperiodic effects on shoot development in azaleas. Sanderson, K C *Ala Agr Exp Sta Hort Ser* 18: 25. Aug 1972

068230 SB21.A2A4
Propagation of juniper cuttings in various media. Sanderson, K C *Ala Agr Exp Sta Hort Ser* 18: 26. Aug 1972

068231 SB21.A2A4
Evaluation of several growth regulators on rooting of three azalea cultivars. Nell, T A *Ala Agr Exp Sta Hort Ser* 18: 3-4. Aug 1972

068232 SB21.A2A4
Comparison of Jiffy Grow & various growth regulators on rooting of Cornus florida & Cornus florida rubra cuttings. Morris, K *Ala Agr Exp Sta Hort Ser* 18: 5-9. Aug 1972

068233 97.31 AM32
Accelerate plant growth. [Camellia]. Reiners, J C *Amer Camellia Yearbook* P. 11-18. 1973

068234 97.31 AM32
Tenth report on varietal differences in cold resistance of camellia buds. Levi, W *Amer Camellia Yearbook* P. 117-137. 1973

068235 390.9 AM33
Effect of temperature on development of grapevine inflorescence after bud burst. Buttrose, M S *Amer J Enol Vitic* 24 (1): 14-16. 1973

068236 390.9 AM33
Effect of sprinkler cooling of grapevines on fruit growth & composition. Kliewer, W M *Amer J Enol Vitic* 24 (1): 17-26. Ref. 1973

068237 80 AM329
Clonal propagation of sarcanthine orchids by aseptic culture of inflorescences. Intuwong, O *Amer Orchid Soc Bull* 42 (3): 209-215. Ref. Mar 1973

068238 81 SO12
Effect of defoliation time on acclimation & dehardening in tart cherry (Prunus cerasus l.). Howell, G S *Amer Soc Hort Sci J* 98 (2): 132-136. Ref. Mar 1973

068239 81 SO12
Studies of tomatoes selected for rate of emergence in normal & stress seeding environments. Stern, J A *Amer Soc Hort Sci J* 98 (2): 136-140. Ref. Mar 1973

068240 81 SO12
Influence of germination & growing temperature on flowering of six cultivars of annual statice (Limonium cv.). Semeniuk, P *Amer Soc Hort Sci J* 98 (2): 140-142. Ref. Mar 1973

068241 81 SO12
Effect of night temperature on shape & size of sweet pepper (Capsicum annuum L.). Rylski, I *Amer Soc Hort Sci J* 98 (2): 149-152. Ref. Mar 1973

068242 81 SO12
Berry composition of Vitis vinifera cultivars as influenced by photoand nyctotemperatures during maturation. [Grapes]. Kliewer, W M *Amer Soc Hort Sci J* 98 (2): 153-159. Ref. Mar 1973

068243 81 SO12
Biochemical alterations associated with grafting of healthy & virus-infected apple buds on Spy 227 rootstock. Millikan, D F *Amer Soc Hort Sci J* 98 (2): 160-163. Ref. Mar 1973

068244 81 SO12
Effect of pH [hydrogen-ion concentration], anthocyanin, & flavonoid co-pigments on color of statice flowers. [Limonium]. Asen, S *Amer Soc Hort Sci J* 98 (2): 174-176. Ref. Mar 1973

068245 81 SO12
Transport of arginine & alpha-aminoisobutyric acid from cotyledon to axis in germinating Phaseolus lunatus. [Lima beans]. Abdul-Baki, A A *Amer Soc Hort Sci J* 98 (2): 181-185. Ref. Mar 1973

068246 81 SO12
Studies of morphactin on growth & auxin distribution on Chrysanthemum morifolium Ramat. Tjia, B *Amer Soc Hort Sci J* 98 (2): 186-193. Ref. Mar 1973

068247 81 SO12
Temperature, fruit set, & embryo sac development in Italian Prune. Thompson, M M *Amer Soc Hort Sci J* 98 (2): 193-197. Ref. Mar 1973

068248 81 SO12
Female flower induction on androecious cucumber, Cucumis sativus L. Augustine, J J *Amer Soc Hort Sci J* 98 (2): 197-199. Ref. Mar 1973

068249 81 SO12
Effect of rootstocks & interstocks on nutrient levels in Bartlett leaves, on tree growth, & on fruit. Woodbridge, C G *Amer Soc Hort Sci J* 98 (2): 200-202. Ref. Mar 1973

068250 81 SO12
Physiological effect of water quality & method of application on tomato, cucumber, & pepper. Gornat, B *Amer Soc Hort Sci J* 98 (2): 202-205. Mar 1973

068251 81 SO12
Watercore development in apple fruits as related to sorbitol levels in tree sap & to minimum temperatures. Williams, M W *Amer Soc Hort Sci J* 98 (2): 205-207. Mar 1973

068252 81 SO12
Stimulation of lettuce seed germination at high temperatures by ethephon & kinetin. Sharples, G C *Amer Soc Hort Sci J* 98 (2): 209-212. Ref. Mar 1973

068253 81 SO12
Factors influencing dehardening & rehardening of Forsythia X intermedia Stems. Hamilton, D F *Amer Soc Hort Sci J* 98 (2): 221-223. Mar 1973

068254 506 SP12
Study on nutrition of plantain in Canary Islands. I. Effect of nitrogenous nutrition on circumference of pseudostem. [Plantago]. (Spa) Fernandez Caldas, E *An Edafol Agrobiol* 31 (11012): 917-925. Eng. Sum. Nov/Dec 1972

068255 385 AN7
Studies on biosynthesis of furocoumarins in leaves of Ficus carica L. [Figs]. (Ita) Caporale, G *Ann Chim* 48 (7/8): 536-545. 1972

068256 448.3 AP5
Effects of aflatoxin on germination & growth of lettuce. [Aspergillus parasiticus]. Crisan, E V *Appl Microbiol* 25 (3): 342-345. Ref. Mar 1973

068257 381 AR2
Two isoenzymes each of glucose-6-phosphate dehydrogenase & 6-phosphogluconate dehydrogenase in spinach leaves. Schnarrenberger, C *Arch Biochem Biophys* 154 (1): 438-448. Ref. Jan 1973

068258 80 AR2
Effect of advance fertilization with lacustrine muck & lower moor peat as organic fertilizers from outside farm on pedological & agronomical characteristics in connection with different fruit species. 2. Ameliorative advance fertili (Ger) Enchke, O *Arch Gartenbau* 21 (2): 149-165. Ref. Eng. Sum. 1973

068259 389.8 AR22
Effect of nitrogen, phosphorus & potassium on yield & nutritive value of beans (Phaseolus vulgaris L). (Por) Souza, N de *Arch Latinoamer Nutr* 23 (1): 123-133. Ref. Eng. Sum. Mar 1973

068260 450 C66
Experiments to problem of traumatogenous induction of mitoses in storage tissue of Solanum tuberosum L. [Potatoes]. (Ger) Rosenstock, G *Beitr Biol Pflanz* 48 (3): 399-412. Ref. Eng. Sum. 1972

068261 450 C66
Relationship between chlorophyll content & rate of photohynthesis in light induced mutants of Pisum sativum. (Peas). (Ger) Muller, D *Beitr Biol Pflanz* 48 (3): 445-456. Ref. Eng. Sum. 1972

068262 442.8 B5236
14c incorporation from exogenous compounds into delta-aminolevulinic acid by greening cucumber cotyledons. Beale, S I *Biochem Biophys Res Commun* 52 (1): 143-149. Ref. May 1, 1973

068263 QR73.B5
Abnormal stomatal behavior & root resistance, & hormonal imbalance in three wilty mutants of tomato. Tal, M *Biochem Genet* 8 (3): 291-300. Mar 1973

068264 381 B522
Trypsin inhibition of electron transport. [Chloroplasts, spinach]. Selman, B R *Biochim Biophys Acta* 292 (3): 566-581. Ref. Apr 5, 1973

068265 381 B522
Respiratory chain of plant mitochondria. XV. Equilibration of cytochromes c549. B553. B557 & ubiquinone in mung bean mitochondria: Placement of cytochrome b557 & estimation of midpoint potential of ubiquinone. Storey, B T *Biochim Biophys Acta* 292 (3): 592-603. Ref. Apr 5, 1973

068266 381 B522
Effects of protein synthesis inhibitors on oxidative phosphorylation by plant mitochondria. [Turnips]. Wilson, S B *Biochim Biophys Acta* 292 (3): 603-610. Ref. Apr 5, 1973

068267 381 B522
High-energy state of thylakoid system as indicated by chlorophyll fluorescence & chloroplast shrinkage. [Spinach]. Krause, G H *Biochim Biophys Acta* 292 (3): 715-7289 ref. Apr 5, 1973

068268 381 B522
Isolation & properties of particles containing reactioncenter complex of photosystem. II. From spinach chloroplasts. Wessels, J S C *Biochim Biophys Acta* 292 (3): 741-752. Ref. Apr 5, 1973

068269 381 B522
Effects of alpha-benzyl-alpha-bromomalodinitrile on primary electron acceptor of photosystem. II. in spinach chloroplasts. Brandon, P C *Biochim Biophys Acta* 292 (3): 753-762. Ref. Apr 5, 1973

068270 381 B522
Photooxidation of cytochrome b559 & electron donors in chloroplasts photosystem. II. [Spinach]. Vermeglio, A *Biochim Biophys Acta* 292 (3): 763-771. Ref. Apr 5, 1973

068271 381 B522
Action of indophenols & nitrophenols on deactivation reactions in water-splitting system of photosynthesis. [Spinach chloroplasts]. Vater, J *Biochim Biophys Acta* 292 (3): 786-795. Ref. Apr 5, 1973

068272 381 B522
Studies on adry agent-induced mechanism of discharge of holes trapped in photosynthetic watersplitting enzyme system Y. [Spinach chloroplasts]. Renger, G *Biochim Biophys Acta* 292 (3): 796-807. Ref. Apr 5, 1973

068273 381 B522
Isolation & properties of protein franctions from navy beans (Phaseolus vulgaris) which inhibit growth of rats. Evans, R J *Biochim Biophys Acta* 303 (1): 175-184. Ref. Mar 23, 1973

068274 381 B522
Electron transport & photophosphorylation in chloroplasts as a function of electron acceptor. II. Acceptor-specific inhibition by KCN. [Potassium cyanide, spinach]. Quitrakul, R *Biochim Biophys Acta* 305 (1): 105-118. Ref. Apr 27, 1973

068275 381 B522
Electron transport & photophosphorylation in chloroplasts as a function of electron acceptor. III. A dibromothymoquinone-insensitive phosphorylation reaction associated with photosystem II. [Sp Izawa, S *Biochim Biophys Acta* 305 (1): 119-128. Ref. Apr 27, 1973

068276 381 B522
Properties of photoreductions by photosystem I in isolated chloroplasts. And energy-conserving step in photoreduction of benzoquinones by photosystem II in presence of dibromothymoquinone. [Spinach]. Trebst, A *Biochim Biophys Acta* 305 (1): 129-139. Ref. Apr 27, 1973

068277 381 B522
Stoichiometry of reduction & phosphorylation during illumination of intact chloroplasts. [Spinach]. Heber, U *Biochim Biophys Acta* 305 (1): 140-152. Ref. Apr 27, 1973

068278 381 B522
Change in pH [hydrogen-ion concentration] dependence & sequential inhibition of photosynthetic activity in chloroplasts by unsaturated fatty acids. [Spinach]. Thaler, P A S *Biochim Biophys Acta* 305 (1): 153-162. Ref. Apr 27, 1973

068279 381 B522
ATPase [adenosine triphosphatase] activity of Jerusalem-artichoke mitochondria & submitochondrial particles. Passam, H C *Biochim Biophys Acta* 305 (1): 80-87. Ref. Apr 27, 1973

068280 381 B522
Adenine nucleotide translocation in Jerusalem-Artichoke mitochondria. Passam, H C *Biochim Biophys Acta* 305 (1): 88-94. Ref. Apr 27, 1973

068281 383 SO1
Isolation & properties of external & internal membranes from plant mitochondria. [Cauliflower]. (Fre) Moreau, F *Biochimie* 54 (10): 1335-1348. Ref. Eng. Sum. 1972

068282 385 B523
Protein synthesis in mitochondria from healthy & Botrytis cinerea infected cabbage tissues. (Rus) Rubin, B A *Biokhimiia* 38 (1): 63-68. Ref. Eng. Sum. Jan/Feb 1973

068283 450 B52
Significance of methods of stigmatal & placental pollination in vitro in Antirrhinum majus L.; seed & callus formation on placentae. Balatkova, V *Biol Plant* 15 (2): 102-106. Ref. 1973

068284 450 B52
Chlorflurenol: its effect on photomorphogenesis in potato sprout growth. Purohit, A N *Biol Plant* 15 (2): 116-118. 1973

068285 450 B52
Phosphorus-32 bwta gauge for measuring water relations of fleshy fruits. Antoszewski, R *Biol Plant* 15 (2): 119-122. 1973

068286 450 B52
Regulation of sythesis of glutamate dehydrogenase in excised pea roots by exogenous L-aspartic & L-glutamic acids. Sahulka, J *Biol Plant* 15 (2): 137-139. 1973

068287 450 B52
Causes of sterility in Allium sativum L. [Garlic]. (Ger) Konvicka, O *Biol Plant* 15 (2): 144-149. Ref. 1973

068288 450 B52
Effect of morphactin on cauliflower curdformation. Ilyas, M *Biol Plant* 15 (2): 155-156. 1973

068289 450 B652
Factors concerned in leaf senescence. I. Effects of age, chemicals, petiole, & photoperiod on senescence in detached leaves of Hibiscus rosa-sinensis L. Misra, G *Bot Gaz* 134 (1): 5-11. Ref. Mar 1973

068290 79.9 B77
Stimulation of celery seed germination with plant growth regulators. Thomas, T H *Brit Weed Contr Conf Proc* 11Th conf., V.2: 760-765. 1972

068291 S13.B7
Effects of micro-electromagnetic fields on plant growth. [Strawberries]. Kopecek, T *Brno Acta Univ Agr Fac Agron* 20 (2): 199-210. 1972

068292 S13.B7
Study of some biological characters of apricot (Armeniaca vulgaris Lam.) rootstocks. (Cze) Vachun, Z *Brno Acta Univ Agr Fac Agron* 20 (2): 253-261. Eng. Sum. 1972

068293 S13.B7
Effect of weight loss on dynamics of valuable nutrients in lettuce (Lactuca sativa L.). (Cze) Golias, J *Brno Acta Univ Agr Fac Agron* 20 (2): 263-268. Ref. 1972

068294 451 B833
Preservation, tuberization & sprouting in two varieties of Solanum tuberosum L. [Potatoes]. (Fre) Coutrez-Geerinck, D *Brussels Univ Physiol Veg Ann* 17 (3): 49-68. Ref. Eng. Sum. 1972

068295 451 B833
Incubation of Solanum tuberosum L. tubers & oxygen consumption of their central tissues. [Potatoes]. (Fre) Coutrez-Geerinck, D *Brussels Univ Physiol Veg Ann* 17 (4): 69-82. Ref. Eng. Sum. 1972

068296 470 C16E
Amino acid metabolism in plants. IV. Kinetic studies with a multispecific aminotransferase purified from bushbean seedlings (Phaseolus vulgaris L.). Forest, J C *Can J Biochem* 51 (4): 332-345. Ref. Apr 1973

068297 470 C16C
Structure of protein bodies in Cucurbita maxima cotyledons. [Winter squash]. Lott, J N A *Can J Bot* 51 (3): 687-688. Mar 1973

068298 450 C16
Relative hardiness of strawberry cultivars at three times of winter. Harris, R E *Can J Plant Sci* 53 (1): 147-152. Jan 1973

068299 450 C16
Application of automated dialysis & colorimetry to assay of nitrate & nitrate reductase in plant extracts. Jones, R W *Can J Plant Sci* 53 (1): 207-213. Ref. Jan 1973

068300 450 C16
Variation in protein content of field peas. Ali-khan, S T *Can J Plant Sci* 53 (1): 37-41. Jan 1973

068301 56.8 C162
Soil temperature & moisture conditions in relation to growth & quality of field peas. Mack, A R *Can J Soil Sci* 53 (1): 59-72. Ref. Feb 1973

068302 QD241.K453
Flavonoids of flowers of Narcissus tazetta. Shikhiev, A Sh *Chem Natur Compounds* 6 (4): 490. July/Aug 1970 Transl 1973

068303 QD241.K453
Beta-sitosterol beta-d-glucopyranoside from Phaseolus vulgaris. [Kidney beans]. Chirva, V Ya *Chem Natur Compounds* 6 (4): 515. July/Aug 1970 Transl 1973

068304 QD241.K453
Polyphenolic compounds of Geranium collinum. IV. Chumbalov, T K *Chem Natur Compounds* 6 (4): 523-524. July-/Aug 1970 Transl 1973

068305 87 M42
Effect of chilling & gibberellin spray on rosette-like growth of un-chilled plants by Chrysanthemum. Kher, M A *Chiba Univ Fac Hort Tech Bull* 20: 25-29. Dec 1972

068306 87 M42
Floral initiation & development in Punica granatum var. nana & Lagerstroemia indica L., dwarf hybrids. (Jap) Motoki, Y *Chiba Univ Fac Hort Tech Bull* 20: 31-36. Eng. Sum. Dec 1972

068307 87 M42
Influence of ground water table on growth of grape cv. Delaware & Japanese pear cv. Nijisseiki. (Jap) Nishimoto, N *Chiba Univ Fac Hort Tech Bull* 20: 9-17. Ref. Eng. Sum. Dec 1972

068308 100 C71C
Effects of iron sulfate, phosphorus, & zinc sulfate, phosphorus, & zinc sulfate on growth & nutrient levels of apple trees planted in old apple orchard site. Stacey, J K *Colo Agr Exp Sta Progr Rep Pr* 73-10, 3 P. Mar 1973

068309 SB23.C6A3
Annotated bibliography on celery nutrition, 1962 – 1971. *Commonw Bur Hortic Plant Crops Query File* 33/42, 7 P. Jan 1973

068310 SB23.C6A3
Annotated bibliography on responses of vegetables to artificial & supplementary light (excluding photoperiodic responses), 1964 – 1972. *Commonw Bur Hortic Plant Crops Query File* 6034(s), 13 P. Jan 1973

068311 SB23.C6A3
Annotated bibliography on Camellia spp. (omitting breeding & genetics) 1965 – 1972. *Commonw Bur Hortic Plant Crops Query File* 6036(s), 5 P. Jan 1973

068312 SB23.C6A3
Annotated bibliography on Jerusalem artichoke (including tissue culture studies), 1959 – 1972. *Commonw Bur Hortic Plant Crops Query File* 6073(s), 9 P. Mar 1973

068313 S590.C63
Yield & contents of Fe [iron], Mn [Manganese] & Cu [copper] in tropical leaf vegetables grown in sand culture & variously fertilized. Schmidt, D R *Commun Soil Sci Plant Anal* 4 (2): 95-103. 1973

068314 64.8 C883
Resistance to water flow in Vigna sinensis L. (Endl.) at high rates of transpiration. [Cowpeas]. Hailey, J L *Crop Sci* 13 (2): 264-267. Ref. Mar/Apr 1973

068315 64.8 C883
Increase in yield of Bengal gram (Cicer arietinum L.) by 2,3,5-triiodobenzoic acid. [Chickpeas]. Sinha, S K *Crop Sci* 13 (2): 283. Mar/Apr 1973

068316 475 SCI23
Lettuce seed germination: reversal of salinity induced inhibition by ethylene. Verma, C M *Cur Sci* 42 (8): 294-295. Apr 20, 1973

068317 512 SO2
Synthesis of (3-3H2,3-14C-triacontanic acid, a possible precursor in biosynthesis of nonacosane ib Brassica oleracea leaves. Mondeshky, L M *Dokl Bolg Akad Nauk* 25 (9): 1221-1223. Ref. 1972

068318 512 SO2
Changes in quantity & fractional composition of proteins in bean seeds under action of molybdenum. Nikolov, B A *Dokl Bolg Akad Nauk* 25 (9): 1265-1268. Ref. 1972

068319 390.08 EN9
Isolation & properties of glutamate dehydrogenase from pea chloroplasts. Tsenova, E N *Enzymologia* 43 (6): 397-408. Ref. Dec 31, 1972

068320 SB438.A1E8
Obesuzan validoformis. [Euphorbia, cross pollination]. Sparham, M *Essex Succulent Rev* 10 (1): 18-20. Mar 1973

068321 450 EU6
Apparent preference by bees for different flower colours in cowpeas (Vigna sinensis (L.) Savi ex Hassk.). [Apis mellifera, Bombus]. Leleji, O I *Euphytica* 22 (1): 150-153. Mar 1973

068322 QR180.E87
Lymphocyte membrane particle redistribution induced by a mitogenic/capping dose of phytohemagglutinin of Phaseolus bulgaris. [Kidney beans]. Loor, F *Eur J Immunol* 3 (2): 112-116. Feb 1973

068323 80 EX7
Carbohydrate changes during cold storage of rhubarb roots, cultivar Victoria. Rutherford, P P *Exp Hort* 24: 37-42. 1972

068324 475 EX7
A cholinesterase from bean roots & its inhibition by plant growth retardants. Riov, J *Experientia* 29 (3): 264-265. Ref. Mar 15, 1973

068325 28 F55
Influence of mineral fertilization on nitrogen, phosphorus, & potassium content of orange fruits. (Por) Moreira, C S *Fitotec Latinoamer* 8 (2): 60-65. Ref. Eng. Sum. 1972

068326 QK1.F5
Respiration of tomatoes in dependence on zinc supply. (Rus) Paribok, T A *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 4 (4): 379-384. Ref. Eng. Sum. July/Aug 1972

068327 QK1.F5
Ribonuclease activity of ribosomal fraction of pea with presence of molybdenum & vanadium during germination. (Rus) Vlasiuk, P A *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 4 (6): 578-583. Ref. Eng. Sum. Nov/Dec 1972

068328 QK1.F5
Ratio of different forms of iron in leaves & isolated chloroplasts of pea with iron deficit. (Rus) Verderevskaia, N D *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 4 (6): 595-598. Ref. Eng. Sum. Nov/Dec 1972

068329 QK1.F5
Respiration intensity & catalase activity in varieties of grapes differing in frost-resistance under various condistions of nutrition. (Rus) Mininberg, S IA *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 4 (6): 614-618. Ref. Eng. Sum. Nov/Dec 1972

068330 QK1.F5
Redox potential change in chloroplast suspension under illumination. [Peas]. (Rus) Einor, L O *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 4 (6): 630-634. Ref. Eng. Sum. Nov/Dec 1972

068331 QK1.F5
Potential intensity of photosynthesis in some species of tomatoes & beet under different soil moisture. (Rus) Rodionov, V S *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 4 (6): 641-644. Eng. Sum. Nov/Dec 1972

068332 QK1.F5
Procedure of organizing experiments with trace elements in aquatic grape culture. (Rus) Skrypnik, V V *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 4 (6): 656-659. Ref. Eng. Sum. Nov/Dec 1972

068333 QK1.F5
Phosphorus metabolism of plants in connection with genotypic differences in pea resistance to toxicity of aluminum. (Rus) Klimashevskii, E L *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 5 (1): 26-32. Ref. Eng. Sum. Jan/Feb 1973

068334 QK1.F5
Effect of phosphodoxine on photoreduction of ferricyanide & coupling phosphorylation in pea chloroplasts. (Rus) Pronina, N B *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 5 (1): 64-67. Jan/Feb 1973

068335 QK1.F5
Features of radiation regime in crown of apple trees on poorly growing rootstock. (Rus) Markov, I E *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 5 (1): 71-74. Ref. Eng. Sum. Jan/Feb 1973

068336 QK1.F5
Seasonal changes in naringenin & chlorogenic acid in peach buds during dormancy period. (Rus) Kriventsov, V I *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 5 (1): 75-80. Ref. Eng. Sum. Jan/-Feb 1973

068337 QK1.F5
Dynamics of proline in vernalization & differentiation of biennial buds. [CabbageÜ. (Rus) Shvedskaia, Z M *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 5 (1): 81-86. Ref. Eng. Sum. Jan/-Feb 1973

068338 QK1.F5
Biochemical characteristics of black currant varieties under conditions of forest-steppe region of ukrain. (Rus) Gritsishin, I S *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 5 (1): 87-89. Ref. Eng. Sum. Jan/Feb 1973

068339 QK1.F5
Procedure for artificial freezing of fruit plants. (Rus) Konstantinov, L K *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 5 (1): 98-101. Jan/Feb 1973

068340 450 F58
Prolonged afterglow of strawberry leaves during dehydration. (Rus) Veselova, T V *Fiziol Rast (mosc)* 20 (2): 229-232. Eng. Sum. Mar-Apr 1973

068341 450 F58
Activity of adenosine triphosphatase & acid phosphatase in root growth zones of two pea varieties with different tolerance to toxic a1-ions. (Rus) Klimashevskii, E L *Fiziol Rast (mosc)* 20 (2): 245-249. Ref. Eng. Sum. Mar/Apr 1973

068342 450 F58
Effect of sodium chloride on somatic embryogenesis & regeneration of a whole plant in culture of carrot tissue. (Rus) Komizerko, E I *Fiziol Rast (mosc)* 20 (2): 268-276. Ref. Eng. Sum. Mar/Apr 1973

068343 450 F58
Effect of some microelements on electrokinetic properties of cell nuclei of onion. (Rus) Atramentova, L A *Fiziol Rast (mosc)* 20 (2): 287-291. Ref. Eng. Sum. Mar/Apr 1973

068344 450 F58
Effect of blue & red light on photophosphorylation in isolated chloroplasts of pea plants. (Rus) Demidov, E D *Fiziol Rast (mosc)* 20 (2): 292-299. Ref. Eng. Sum. Mar/Apr 1973

068345 450 F58
Aftereffect of red & blue light on activity of glycolate oxidase & glyoxylate aminotransferases in bean & maize plants. (Rus) Voskresenskaia, N P *Fiziol Rast (mosc)* 20 (2): 309-316. Ref. Eng. Sum. Mar-Apr 1973

068346 450 F58
Effect of insecticides on postphotosynthetic metabolism of c14-assimilates in bean leaves. (Rus) Chikov, V I *Fiziol Rast (mosc)* 20 (2): 317-320. Ref. Eng. Sum. Mar/Apr 1973

068347 450 F58
Changes in glutamine synthetase activity during germination & maturation of pea plants. (Rus) Radiukina, N A *Fiziol Rast (mosc)* 20 (2): 376-379. Eng. Sum. Mar-/Apr 1973

068348 450 F58
Effect of salinization of substrate on content of sodium & potassium ions & on activity of adenosine triphosphatase in mitochondrial & cytoplasmic fractions of pea plants. (Rus) Valikhanova, G Z *Fiziol Rast (mosc)* 20 (2): 392-397. Ref. Eng. Sum. Mar/Apr 1973

068349 389.9 N57
A method for early detection of irradiated potato tubers. I. Morphological changes by cobalt 60 gamma-rays on dormant buds. (Jap) Shimomura, H *Food Hyg Soc Jap J* 13 (6): 531-535. Eng. Sum. Dec 1972

068350 SB354.F78
Critical temperatures for flower buds. [Apples, pears, cherries]. (Dan) Grauslund, J *Frugtavleren* 2 (3): 100. Mar 1973

068351 SB354.F78
Chemical growth regulators for agriculture. [Fruit]. (Dan) Thorup, S *Frugtavleren* 2 (3): 102-103. Mar 1973

068352 QD415.F4
A preliminary X-ray crystallographic study of spinach cytochrome c. Morita, Y *FEbs Lett (fed Eur Biochem Soc)* 31 (2): 186-188. Ref. Apr 15, 1973

068353 QD415.F4
Biosynthesis of phosphatidyl ethanolamine & phosphatidyl choline in spinach leaves. Marshall, M O *FEbs Lett (fed Eur Biochem Soc)* 31 (2): 199-202. Ref. Apr 15, 1973

068354 QD415.F4
Evidence for involvement of 2 types of reaction in glycolate formation during photosynthesis in isolated spinach chloroplasts. Eickenbusch, J D *FEbs Lett (fed Eur Biochem Soc)* 31 (2): 225-228. Ref. Apr 15, 1973

068355 80 G1938
Effects of some climatic factors on durability of bulbs. (Nor) Sandved, G *Gartneryrket* 62 (48): 852-854. Nov 24, 1972

068356 SB320.G4
Pollination experiments with tomatoes under glass. (Ger) Hartrath, H *Gemuse* 8 (6): 174-175. June 1972

068357 105.1 G344
Uptake & translocation of dihydrostreptomycin-3H-sesquisulfate in plant tissue. [Kidney beans, cucumbers, cabbage]. (Ger) Wilhelm, H *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 598-605. Ref. Eng. Sum. 1972

068358 105.1 G344
Decline of shoot growth of some apple & pear varieties after treatment with growth retardants 2-chlorethyltrimethly ammoniumchloride & N-dimethylaminosuccinamic acid. (Dut) Geenen, J E E *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 613-618. Eng. Sum. 1972

068359 68.8 G65
Significance of amino acids in fruits: amino acids in bananas & their behavior during ripening. (Ger) Askar, A *Gordian* 73 (1): 12, 14, 16. Ref. Eng. Sum. Jan 1973

068360 384 H622
Localization of histones & their synthesis by ammoniacal silver reaction in meristematic root tip cells of Allium cepa. [Onions]. Haapala, O K *Histochemie* 34 (3): 257-264. Ref. Mar 1, 1973

068361 64.8 H66
Influence of plant spacing & date of harvest on fruit setting in spinach. (Pol) Litynski, M *Hodowla Roslin Aklimatyzacja Nasiennictwo* 16 (2): 155-164. Eng. Sum. 1972

068362 SB1.H6
Honey bee visits increase yields of 'Orlando' Tangelo. Moffett, J O *Hortscience* 8 (2): 100. Apr 1973

068363 SB1.H6
Amo-1618 as a growth retardant of citrus seedlings. Yelenosky, G *Hortscience* 8 (2): 102-103. Apr 1973

068364 SB1.H6
NAA [naphthaleneacetic acid] & sevin on composition, development, & absission of apple fruit. Schneider, G W *Hortscience* 8 (2): 103-104. Ref. Apr 1973

068365 SB1.H6
Naturally occurring toxicants of horticultural significance. Liener, I E *Hortscience* 8 (2): 112-116. Apr 1973

068366 SB1.H6
Fate of 1,2-14C-(2-Chloroethyl)phosphonic acid (ethephon) in peach. Abdel-Gawad, H A *Hortscience* 8 (2): 125-126. Ref. Apr 1973

068367 SB1.H6
Boron levels in stems, leaves, & flower parts of carnation. [Dianthus caryophyllus]. Heuterman, G A *Hortscience* 8 (2): 126-127. Apr 1973

068368 SB1.H6
Influence of temperature on development of flower buds from visible stage to anthesis of Lilium longiflorum Thunb. cv. Ace. Roh, S M *Hortscience* 8 (2): 129-130. Apr 1973

068369 SB1.H6
Growth & development of Leucothoe [catesbaei] & Rhododendron [catawbiense] under different nitrogen & pH [hydrogen-ion concentration] regimes. Dirr, M A *Hortscience* 8 (2): 131-132. Ref. Apr 1973

068370 SB1.H6
Pigmentation of poinsettias during short-day induction. [Euphoriba pulcherrima]. Benortham, R W *Hortscience* 8 (2): 132-133. Apr 1973

068371 SB1.H6
Identifying cucurbitacin in cotyledons of Cucurbita pepo L. cv. Black zucchini. [Pumpkins]. Sharma, G C *Hortscience* 8 (2): 136-137. Apr 1973

068372 SB1.H6
Relationship between core size, specific gravity, & soluble solids in carrots. Bassett, M J *Hortscience* 8 (2): 139. Apr 1973

068373 SB1.H6
Interpretation of one dimensional chromatograms: inhibitor or promoter? [Sour cherries]. Hopping, M E *Hortscience* 8 (2): 91-92. Apr 1973

068374 S15.I592
Agroclimatology as a method in development of Colombian agricultural industry: Cultivation of peas (Pisum sativum L.) in Sabana de Bogota. (Spa) Young, J O *Ica Rev (Inst Colomb Agropecuar)* 7 (1): 1-10. Eng. Sum. Mar 1972

068375 QK867.C65 1970
Influence of high root temperature on potassium nutrition & on certain organic consituents of apple plants. Gur, A *In Colloquium on Plant Analysis and Fertilizer Problems, 6 Th, Tel-Aviv, 1970. Recent Advances in Plant Nutrition* 404000 1970 (Pub. 1971)

068376 QK757.P6
Absorption of IKSS (Spectral intensity of radiation) by seeds of vegetable crops. (Rus) Perevertun, A I *In Povyshenie Urozhainosti Kontsentrirovannym Svetom* P. 209-213. 1972

068377 QK870.V64
Some physiological features of apple trees relative to dates & methods of crown formation. (Rus) Ponomarchenko, N S *In Vodnyi Rezhim Rastenii Pri Razlichnoi Vlagoobespechennost I* P. 106-110. 1972

068378 QK870.V64
Amount of ascorbic acid in leaves of fruit trees with varying soil moisture. (Rus) Maksimenko, E I *In Vodnyi Rezhim Rastenii Pri Razlichnoi Vlagoobespechennost I* P. 25-31. 1972

068379 QK870.V64
Role of fruits in water metabolism of peach trees. (Rus) Kushirenko, M D *In Vodnyi Rezhim Rastenii Pri Razlichnoi Vlagoobespechennost I* P. 3-9. Ref. 1972

068380 QK870.V64
Effect of soil moisture on amount of carbohydrates in grape shoots during fall-winter period. (Rus) Tulbure, I A *In Vodnyi Rezhim Rastenii Pri Razlichnoi Vlagoobespechennost I* P. 31-46. Ref. 1972

068381 QK870.V64
Water system of palmetto-type apple trees irrigated by varying methods. (Rus) Zhulavskaia, M N *In Vodnyi Rezhim Rastenii Pri Razlichnoi Vlagoobespechennost I* P. 46-65. 1972

068382 QK870.V64
Effect of fertilizers on water-absorbing capacity of apple tree roots. (Rus) Bondar', E M *In Vodnyi Rezhim Rastenii Pri Razlichnoi Vlagoobespechennost I* P. 66-73. 1972

068383 QK870.V64
Water & nitrogen metabolism of apple tree leaves in relation to nutrition conditions & soil moisture. (Rus) Kushnirenko, M D *In Vodnyi Rezhim Rastenii Pri Razlichnoi Vlagoobespechennost I* P. 73-94. Ref. 1972

068384 QK870.V64
On water metabolism of apple trees relative to rootstocks & different crown shapes. (Rus) Zhulavskaia, M N *In Vodnyi Rezhim Rastenii Pri Razlichnoi Vlagoobespechennost I* P. 9-25. Ref. 1972

068385 QK870.V64
Physiological significance of spray irrigation for Gladiolus. (Rus) Grinenko, V V *In Vodnyi Rezhim Rastenii Pri Razlichnoi Vlagoobespechennost I* P. 94-106. Ref. 1972

068386 22 AG83I
Effect of pruning on bud burst & fruitfulness in 'Pusa Seedless' grape (Vitis vinifera L.). Rao, V N M *Indian J Agr Sci* 42 (10): 877-880. Oct 1972

068387 22 AG83I
Note on oil & carbohydrate contents of varieties of cashewnut (Anacardium occidentale L.). Murthy, K N *Indian J Agr Sci* 42 (10): 960-961. Oct 1972

068388 475 J824
Separation of furocoumarins by high-pressure liquid chromatography. Stermitz, F R *J Chromatography* 77 (2): 431-433. Mar 28, 1973

068389 450 J8224
Effects of 2-chloroethylphosphonic acid on growth, plastid pigments, & sucrose translocation in radish. Adedipe, N O *J Exp Bot* 24 (78): 124-129. Ref. Feb 1973

068390 450 J8224
Formation of polyploid cells in ripening cotyledons of Pisum sativum L. in relation to ribosome & protein synthesis. [Peas]. Scharpe, A *J Exp Bot* 24 (78): 216-222. Ref. Feb 1973

068391 450 J8224
Development of activities of some enzymes concerned with glycollate metabolsim in greening bean leaves. Murray, D R *J Exp Bot* 24 (78):175-184. Ref. Feb 1973

068392 382 SO12
Changes in carbohydrate constituents of cassava root-tuber (Manihot utilissima Pohl) during growth. Ketiku, A O *J Sci Food Agr* 23 (12): 1451-1456. Ref. Dec 1972

068393 382 SO12
Changes in carbohydrate constituents of yam tuber (Dioscorea rotundata, poir) during growth. Ketiku, A O *J Sci Food Agr* 24 (4): 367-373. Ref. Apr 1973

068394 87 H78
Responses of guava (Psidium guajava L.) to boron spray. Arora, J S *Jap Soc Hort Sci J* 41 (3): 239-244. Ref. Sept 1972

068395 87 H78
Studies on ecological characteristics of horticultural plants. 1. Hypocotyl elongation & cotyledon distortion of cucumber seedlings in blue & red lights. Matsuo, E *Jap Soc Hort Sci J* 41 (3): 250-258. Ref. Sept 1972

068396 87 H78
Studies on factors controlling flower formation in eggplant. V. On organ sensitive to external conditions. (Jap) Ishida, K *Jap Soc Hort Sci J* 41 (3): 259-264. Ref. Eng. Sum. Sept 1972

068397 87 H78
Studies on anther culture of horticultural crops. I. Callus & organ formation in anther culture of asparagus. (Jap) Yakuwa, T *Jap Soc Hort Sci J* 41 (3): 272-280. Ref. Eng. Sum. Sept 1972

068398 87 H78
Studies on physiological mechanism of self-encompatibility in Japanese radish. III. Transfer experiments of pollen from one stigma to another. (Jap) Tatebe, T *Jap Soc Hort Sci J* 41 (3): 281-286. Ref. Eng. Sum. Sept 1972

068399 87 H78
Effects of hydrogen-ion concentration of culture solution on growth of spinach. (Jap) Hiroyasu, T *Jap Soc Hort Sci J* 41 (3): 287-289. Ref. Eng. Sum. Sept 1972

068400 87 H78
Effect of temperature on bulb & tuber formation in bulbous & tuberous plants. I. On formation of pupa (nikai-tama) in Freesia. [Refracta]. (Jap) Aoba, T *Jap Soc Hort Sci J* 41 (3): 290-296. Sept 1972

068401 87 H78
Flower bud formation in orchids. II. On the floral initiation and development in phalaenopsis. [Amabilis]. (Jap) Nishimura, G *Jap Soc Hort Sci J* 41 (3): 297-300. Eng. Sum. Sept 1972

068402 385 K524
Use of growth stimulants in potato culture in Stavropol Territory. (Rus) Zubov, A E *Khim Sel'skom Khoz* 10 (10): 63-65. 1972

068403 385 K524
Use of slate growth substances for treating roots & flowers of tomatoes. (Rus) Andreeva, R A *Khim Sel'skom Khoz* 11 (2): 53-54. 1973

068404 284.9 M58
Fruit, vegetables, bees & pollination – now & in 1985. *Mich Agr Exp Sta Res Rep* 188, 28 P. Feb 1973

068405 105.9 K696
On dry matter formation in grape root stocks in relation to leaf surface. (Ger) Hartmair, V *Mitt Rebe Wein Obstbau Fruchteverwert* 22 (6): 385-390. Eng. Sum. Nov 1972

068406 100 N813R
Potato response to moisture regimes. Stegman, E C *N Dak Agr Exp Sta Res Rep* 44, 15 P. Ref. Mar 1973

068407 500 N21P
Ultraviolet patterns on rear of flowers: basis of disparity of buds & blossoms. [Jasminium primulinum. Hypericum]. Eisner, T *Nat Acad Sci Proc* 70 (4): 1002-1004. Apr 1973

068408 442.8 N22
On water regime of peas with varying soil moisture & application of molybdenum. (Rus) Zaslonkin, V P *Nauch Dokl Vyssh Shk, Biol Nauk* 2: 82-86. Ref. 1973

068409 442.8 N22
Effect of summer pruning on growth dynamics of roots of subtropical persimmon at early age period. (Rus) Gasanov, Z M *Nauch Dokl Vyssh Shk, Biol Nauk* 5: 82-84. 1972

068410 442.8 N22
Comparative characteristics of biology of flowering & fruiting of sterile & fertile carrot forms. (Rus) Kononkov, P F *Nauch Dokl Vyssh Shk, Biol Nauk* 9: 68-73. Ref. 1972

068411 450 N42
Photosynthesis by isolated chloroplasts: some factors affecting induction in CO2[-carbon dioxide]-dependent oxygen evolution. [Spinach]. Walker, D A *New Phytol* 72 (2): 237-247. Ref. Mar 1973

068412 450 N42
Factors influencing growth of root system of etiolated seedlings of Pisum sativum L. [Peas]. McDavid, C R *New Phytol* 72 (2): 269-275. Ref. Mar 1973

068413 450 N42
Studies on tuberization in Solanum andigena. I. Evidence for existence & movement of a specific tuberization stimulus. [Potatoes]. Kumar, D *New Phytol* 72 (2): 283-287. Ref. Mar 1973

068414 450 N42
Symbiotic germination of some Australian terrestrial orchids. Warcup, J H *New Phytol* 72 (2): 387-392. Mar 1973

068415 104 N762M
Effect of temperature & day-length on growth, bulb formation & bolting in leeks (Allium porrum L.). Dragland, S *Norges Landbrukshogsk Meld* 51 (21): 24 P. Ref. 1972

068416 100 OH3RS
Greenhouse vegetable research, 1973. *Ohio Agr Res Develop Center Res Sum* 66, 41 P. Apr 1973

068417 100 OH3RS
Effects of different media on growth of tomato transplants. Bauerle, W L *Ohio Agr Res Develop Center Res Sum* 66: 1-5. Apr 1973

068418 100 OH3RS
Influence of pollination method on high density plant populations. [Tomatoes]. Bauerle, W L *Ohio Agr Res Develop Center Res Sum* 66: 11-12. Apr 1973

068419 100 OH3RS
Pollinating greenhouse tomatoes with a vibrating trellis system. Short, T H *Ohio Agr Res Develop Center Res Sum* 66: 13-15. Apr 1973

068420 100 OH3RS
Further studies on effects of CO2 [carbon dioxide] enrichment & temperature on yield & quality of several new TMV [tobacco mosaic virus]-resistant tomato lines an Bauerle, W L *Ohio Agr Res Develop Center Res Sum* 66: 17-20. Apr 1973

068421 8 P832J
Characteristic (discriminant function) indices of chironja, orange & grapefruit. Moscoso, C G *P R Univ J Agr* 57 (1): 65-77. Jan 1973

068422 QK1.P3
Effect of salinity on some Brassica oilseed varieties. [Bird rape, Chinese mustard]. Ansari, R *Pak J Bot* 4 (1): 55-63. Ref. June 1972

068423 QK1.P3
Seed radiosensitivity of some crops. [Vegetables]. Mujeeb, K A *Pak J Bot* 4 (1): 65-71. Ref. June 1972

068424 QK1.P3
Isoperoxidase patterns in petals of Plumeria acutifolia Poir. Khan, M I *Pak J Bot* 4 (1): 79-83. Ref. June 1972

068425 396.9 P49
Studies on constituents of Enkainthus nudipes. II. structure & absolute configuration of a new catec-. (Jap) Ogawa, M *Pharm Soc Jap J* 92 (11): 1395-1399. Ref. Eng. Sum. Nov 1972

068426 25 P543
Relation of carotene & starch content of some twenty-six varieties of sweet potatoes (Ipomoea batatas). [Vitamin A]. Garcia, E H *Philippine J Plant Indus* 35 (3/4): 203-215. Ref. 1970 (Pub. 1972)

068427 QK882.A1P4
Effects of various water regimes on stomatal & mesophyll conductances of bean leaves. Moldau, H *Photosynthetica* 7 (1): 1-7. Ref. 1973

068428 QK882.A1P4
Natural occurrence & photosynthetic utilisation of sunflecks by grapevine leaves. Kriedemann, P E *Photosynthetica* 7 (1): 18-27. Ref. 1973

068429 QK882.A1P4
Relationship between non-cyclic electron transport & phosphorylation in presence of ascorbate. [Spinach]. Frackowiak, B *Photosynthetica* 7 (1): 28-33. Ref. 1973

068430 QK882.A1P4
Effect of blue light on activity of carboxylating enzymes & NADP -dependent glyceraldehyde-3-phosphate dehydrogenase in bean & maize plants. Poyarkova, N M *Photosynthetica* 7 (1): 58-66. Ref. 1973

068431 450 P564
Changes in transpiration, net carbon dioxide assimilation & leaf water potential resulting from application of hydrostatic pressure to roots of intact pepper plants. Janes, B E *Physiol Plant* 28 (2): 201-208. Ref. 1973

068432 450 P564
Rubidium & potassium absorption by bean-leaf slices compared to sodium absorption. [Kidney beans]. Jacoby, B *Physiol Plant* 28 (2): 209-214. Ref. 1973

068433 450 P564
Changes in endogenous cytokinins of lettuce seed during germination. Van Staden, J *Physiol Plant* 28 (2): 222-227. Ref. 1973

068434 450 P564
Relationship between rooting of Dahlia cuttings & presence & type of bud. Biran, I *Physiol Plant* 28 (2): 244-247. Ref. 1973

068435 450 P564
Carbon dioxide & pH [hydrogen-ion concentration] requirements of non-photosynthetic tissue culture cells. [Rosa]. Nesius, K K *Physiol Plant* 28 (2): 259-253. Ref. 1973

068436 450 P564
Growth retardants & germination of light sensitive lettuce seed. Berrie, A M M *Physiol Plant* 28 (2): 278-283. Ref. 1973

068437 450 P5622
Lipids of ripening tomato fruit & its mitochondrial fraction. Kalra, S K *Phytochemistry* 12 (3): 487-492. Ref. Mar 1973

068438 450 P695
Aseptic culture of Amaryllis ovules & tissues. Bell, W D *Plant Life* 29 (1/4): 66-68. Jan/Oct 1973

068439 450 P692
Effect of a hormone antagonist on rooting of shoot cuttings. [Mung beans]. Kefford, N P *Plant Physiol* 51 (1): 214-216. Ref. Jan 1973

068440 450 P692
Regulation of beta-glucan synthetase activity by auxin in pea stem tissue. I. Kinetic aspects. Ray, P M *Plant Physiol* 51 (4): 601-608. Ref. Apr 1973

068441 450 P692
Regulation of beta-glucan synthetase activity by auxin in pea stem tissue. II. Metabolic requirements. Ray, P M *Plant Physiol* 51 (4): 609-614. Ref. Apr 1973

068442 450 P692
Loss of membrane transport ability in leaf cells & release of protein as a result of osmotic shock. [Kidney beans]. Amar, L *Plant Physiol* 51 (4): 620-625. Ref. Apr 1973

068443 450 P692
Changes in cellulase & pectinase activities in fruit tissues & separation zones of citrus treated with cycloheximide. Rasmussen, G K *Plant Physiol* 51 (4): 626-628. Ref. Apr 1973

068444 450 P692
Hormone content of ripening grape berries & effects of growth substance treatments. Coombe, B G *Plant Physiol* 51 (4): 629-634. Ref. Apr 1973

068445 450 P692
Chloroplast maintenance & partial differentiation in vitro. [Cucumbers]. Rebeiz, C A *Plant Physiol* 51 (4): 651-659. Ref. Apr 1973

068446 450 P692
Biosynthesis and accumulation of microgram quantities of chlorophyll by developing chloroplasts in vitro. [Cucumbers]. Rebeiz, C A *Plant Physiol* 51 (4): 660-666. Ref. Apr 1973

068447 450 P692
Anion transporters in plant mitochondria. [Potatoes]. Phillips, M L *Plant Physiol* 51 (4): 667-670. Apr 1973

068448 450 P692
Further studies on photosynthesis of carrot tissue cultures. Neumann, K H *Plant Physiol* 51 (4): 685-690. Ref. Apr 1973

068449 450 P692
Probing a membrane matrix regulating hormone action. II. kinetics of lipid-induced growth & ethylene production. [Pass]. Iwata, T *Plant Physiol* 51 (4): 691-701. Ref. Apr 1973

068450 450 P692
'Survival' of mitochondria in vitro: physical & energy parameters. [Avocados]. Romani, R J *Plant Physiol* 51 (4): 702-707. Ref. Apr 1973

068451 450 P692
Control of formation of amylases & proteases in cotyledons of germinating peas. Yomo, H *Plant Physiol* 51 (4): 708-713. Ref. Apr 1973

068452 450 P692
Floral stimulus movement in Perilla [crispa] & flower inhibition caused by non-induced leaves. King, R W *Plant Physiol* 51 (4): 727-738. Ref. Apr 1973

068453 450 P692
Indole-3-ethanol oxidase: kinetics, inhibition, & regulation by auxins. [Cucumbers]. Percival, F W *Plant Physiol* 51 (4): 739-743. Ref. Apr 1973

068454 450 P692
Diurnal variations in photosynthetic products & nitrogen metabolism in expanding leaves. [Bush redpeppers, muskmelons, green peppers]. Steer, B T *Plant Physiol* 51 (4): 744-748. Ref. Apr 1973

068455 450 P692
Studies on chlorogenic acid biosynthesis in sweetpotato root tissue in special reference to isolation of a chlorogenic acid intermediate. Kojima, M *Plant Physiol* 51 (4): 768-771. Ref. Apr 1973

068456 450 P692
Induction of doexyribonucleic acid synthesis in potato tuber tissue by cutting. Watanabe, A *Plant Physiol* 51 (4): 772-776. Ref. Apr 1973

068457 450 P692
Use of dextran-40 gradients for separation of pea cotyledon mitochondria into different fractions. Solomos, T *Plant Physiol* 51 (4): 807-809. Apr 1973

068458 450 P692
Failure of maleic hydrazide to act as a sulfhydryl or carbonyl reagent. [Radishes]. Nooden, L D *Plant Physiol* 51 (4): 810-811. Ref. Apr 1973

068459 450 P692
Modified photoelectric device for recording leaf movements. [Adsuki beans]. Tibbitts, T W *Plant Physiol* 51 (4): 812-814. Apr 1973

068460 QK1.P5
Activation of NADP [nicotinamide adenine dinucleotide phosphate] malate dehydrogenase by lipoate. [Spinach]. Ahmadi, N *Plant Sci Lett* 1 (1): 11-14. Ref. Jan 1973

068461 QK1.P5
Role of lipids in various enzymatic activities in mitochondrial electron-transfer chain of cauliflower inflorescences. (Fre) Jolliot, A *Plant Sci Lett* 1 (1): 21-29. Ref. Eng. Sum. Jan 1973

068462 450 P696
Effects of soil sterilisation with steam-air mixtures on development of some glasshouse crops. [Lettuce, tomatoes, cucumbers]. Sonneveld, C *Plant Soil* 38 (2): 415-423. Ref. Apr 1973

068463 450 P693
Endogenously & exogenously caused alteration of isoenzyme pattern of NAD [nicotinamide adenine dinucleotide]-specific glutamic dehydrogenase in shoots of Pisum sativum. [Peas]. (Ger) Hartmann, T *Planta* 111 (2): 129-136. Eng. Sum. 1973

068464 450 P693
Comparative studies on lipid composition of etioplasts & chloroplasts from Pisum & of chloroplasts from an Aurea mutant of Nicotiana. [Peas, tobacco]. (Ger) Heise, K P *Planta* 111 (2): 137-148. Ref. Eng. Sum. 1973

068465 80 P77
Contribution to study of hazel tree. (Fre) Barbeau, G *Pomol Franc* 15 (1): 3-17. Jan 1973

068466 20.5 P84
Magnesium fertilization of fruit plants. (Pol) Klossowski, W *Postepy Nauk Roln* 19 (5): 55-70. Ref. Sept/Oct 1972

068467 450 R11
Radiosensitivity of Shamouti orange (Citrus sinensis) seeds & buds. Spiegel-Roy, P *Radiat Bot* 13 (2): 105-110. Ref. Apr 1973

068468 450 R11
Stimulation of differentiation in orange (Citrus sinensis) ovular callus in relation to irradiation of media. Spiegel-Roy, P *Radiat Bot* 13 (2): 97-103. Ref. Apr 1973

068469 442.8 R11
Irradiation of dormant Pisum sativum seeds with high-energy electrons (50 MeV). [Peas]. (Rus) Avakian, TS M *Radiobiologiia* 13 (1): 80-83. Eng. Sum. Jan/Feb 1973

068470 442.8 R11
Action of 50 MeV electrons on Pisum sativum seeds irradiated under oxygen pressure. [Peas]. (Rus) Avakian, TS M *Radiobiologiia* 13 (2): 289-291. Eng. Sum. 1973

068471 442.8 R11
Influence of gamma-irradiation of seeds on reducing function of photosynthetic apparatus. [Peas, buckwheat]. (Rus) Kurganova, L N *Radiobiologiia* 13 (2): 292-294. Ref. Eng. Sum. 1973

068472 442.8 R11AE
Influence of ionizing radiation on inhibitors of the growth of Vicia faba. [Broadbeans8. Medvedev, A I *Radiobiology* 12 (6): 117-123. Ref. Nov/Dec 1972

068473 450 R18
Tannins of pericarp of pomegranate fruits & prospects for their utilization in tanning industry. (Rus) Nasacheva, E P *Rastitel Resursy* 9 (2): 267-270. 1973

068474 80 R32
Winter-flowering shrubs: Hamamelis species. (Fre) Chopinet, R *Rev Hort* 144 (2310): 2370-2372. Dec 1972

068475 80 SA15
On quantitative evaluation of effect of temperature on sugar content of grapes. (Rus) Turmandidze, T I *Sadov Vinogradarstvo Vinodelie Moldavii* 1: 19-22. Jan 1973

068476 80 SA15
Effect of temperature on pollen viability of fruit trees. (Rus) Tkachenko, G V *Sadov Vinogradarstvo Vinodelie Moldavii* 1: 51-52. Jan 1973

068477 80 SA15
Physiological & agrobiological indices of high-stemmed grapevines. (Rus) Sarkisova, S A *Sadov Vinogradarstvo Vinodelie Moldavii* 1: 52-54. Jan 1973

068478 80 SA15
Arrangement of roots of pear trees in relation to soil in Diniester River region. (Rus) Popov, V F *Sadov Vinogradarstvo Vinodelie Moldavii* 1: 9-12. Jan 1973

068479 80 SCH9
Effect of Alar in partial crown treatment. [Apples]. (Ger) Schumacher, R *Schweiz Z Obst Weinbau* 109 (5): 108-112. Mar 3, 1973

068480 9.2 SO4
Mineral nutrition of vegetables crops. XVII. Macronutrient & boron deficiences on okra plants. (Por) Costa, M C B *Solo* 64 (2): 7-15. Ref. Eng. Sum. Nov 1972

068481 450 F58AE
Na -[sodium], D [potassium]-activated ATPase [adenosine triphosphatase] of conducting tissues. [Sugar beets, parsnip]. Bowling, D J F *Soviet Plant Physiol* 19 (5): 824-832. Ref. Sept/Oct 1972 Transl 1973

068482 450 F58AE
ATPase [adenosine triphosphatase] activity & transport of potassium & sodium in root tissues. [Gourds]. Krasavina, M S *Soviet Plant Physiol* 19 (5): 833-837. Sept/Oct 1972 Transl 1973

068483 450 F58AE
Transport of gibberellins & hormonal substances affecting flower formation in entire plants. [Perilla nankinensis]. Chailakhyan, M Ch *Soviet Plant Physiol* 19 (5): 854-862. Ref. Sept/Oct 1972 Transl 1973

068484 450 F58AE
Hormonal regulation of physiological processes in isolated cotyledons of gourd. Kulaeva, O N *Soviet Plant Physiol* 19 (5): 873-881. Ref. Sept/Oct 1972 Transl 1973

068485 450 F58AE
Functional acitvity of ribosomes in plants adapted to drought. [Beans, wheat]. Genkel, P A *Soviet Plant Physiol* 19 (5): 888-893. Sept/Oct 1972 Transl 1973

068486 450 F58AE
Comparative evaluation of correlation between photosynthesis & certain features of nitrogen metabolism in maize & beans. Nichiporovich, A A *Soviet Plant Physiol* 19 (5): 911-917. Ref. Sept/Oct 1972 Transl 1973

068487 450 F58AE
Diamines in plant metabolism under conditions of salinization. [Peas, broadbeans]. Strogonov, B P *Soviet Plant Physiol* 19 (5): 938-943. Ref. Sept/Oct 1972 Transl 1973

068488 57.9 ST52
Time of nitrogen uptake by tulips. (Dut) Boon, J van der *Stikstof* 6 (71): 459-465. Eng. Sum. Sept 1972

068489 505 T64
Factors which influence the development of apple tree flowers. (Fre) Cassagnes, P *Toulouse Soc Hist Natur Bull* 108 (3/4): 525-533. Ref. 1972 (Pub. Feb 28, 1973)

068490 26 T754
Note on use of flies for onion pollination under arid conditions in Nigeria. Green, J H *Trop Agr (st Augustine)* K0 (2): 165-167. Apr 1973

068491 26 T754
Influence of size of pineapple slips on plant growth, fruit weight & quality in graded & mixed plantings. Tan, K M *Trop Agr (st Augustine)* 50 (2): 139-142. Ref. Apr 1973

068492 S542.R6U5
Contribution regarding action od diethylsulphate on some varieties of beans. [Germination]. (Rum) Ene, F *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 233-238. Eng. Sum. 1971 (Pub. 1972)

068493 S542.R6U5
Studies concerning effect of Folcisteine P on some vegetable crops. (Rum) Balasa, M *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 259-267. 1971 (Pub. 1972)

068494 S542.R6U5
Biochemical study of some specimens of Rosa canina from Oltenia district. (Rum) Darie, V *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 295-300. 1971 (Pub. 1972)

068495 S542.R6U5
Effect of origin of grafting material on process of adhesion os scion & rootstock in grape propagation. (Rum) Olteanu, I *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 315-323. Eng. Sum. 1971 (Pub. 1972)

068496 S542.R6U5
Research on variability & germination of pollen of some varieties of grapes. (Rum) Voica, N *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 325-332. Eng. Sum. 1971 (Pub. 1972)

068497 S542.R6U5
Th influence of fertilizers with nitrogen & phosphorus on some physiological processes of beans. (Rum) Nedelcu, P *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 83-89. Ref. Eng. Sum. 1971 (Pub. 1972)

068498 S542.R6U5
Effect of herbicides & microelements on growth on kidney beans (Phaseolus vulgaris). (Rum) Iosif, S *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 91-97. Ref. Eng. Sum. 1971 (Pub. 1972)

068499 11 UP62
Chrysantheumum frutescens hybrida as a pot & bedding plant. (Swe) Johansson, J *Uppsala Lantbrukshogsk Medd Ser A* 184, 24 P. Eng. Sum. 1973

068500 442.9 L542V
Effect of gluconic acid & parachloromercuribenzoate on respiration & metabolism of organic acids of leaves of endives. (Rus) Mazurova, T A *Vestn Leningr Univ, Biol* 3: 81-87. Ref. Eng. Sum. 1973

068501 20 AK16
Effect of fertilizers on apple fruit set. (Rus) Tsivindo, A Z *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 102-107. Jan 1973

068502 20 AK16
Physiological state of Aporta apples trees in various fruit-growing areas of Trans-Ili Alatau. (Rus) Zelepukhin, I D *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 81-83. Feb 1973

068503 442.8 M66
Effect of (2-chloroethyl)trimethylammonium chloride on amount of pigments of different potato varieties. (Bel) Dzeeva, V P *Vestsi Akad Navuk BSSR, Ser Biial Navuk* 6: 36-39. Ref. 1972

068504 20 M66
On interrelationships between biological elements of pea plant productivity & yields with various nutrition conditions. (Bel) Shnyrykau, V R *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 1: 56-62. 1973

068505 95.8 V77
Effect of normalized loads of grapevines on yield & productivity of work of leaf system. (Rus) Karzov, V F *Vinodelie Vinogradarstvo Sssr* 1: 38-42. 1973

068506 20 V82
Fruiting of Johnathan apples in a palmetto-type orchard. (Ukr) Vasylenko, R K *Visnyk Sil's'kohospodar Nauk* 2: 71-74. Feb 1973

068507 S13.V9
Relationships between matter yield & vegetative signs of pea varieties. (Slo) Dobias, A *Vysk Ustav Rast Vyroby Ved Pr* 10: 7-15. Eng. Sum. 1972

068508 450 W66
Baroness Ilse von Nolde, 1889-1970. [Botanists]. (Ger) Esdorn, I *Willdenowia* 6 (3): 415-418. 1972

068509 49 Z62
Amino acid content of fruit & green mass of most spread pea cultivars. (Bul) Sachanoki, S *Zhivotnovudstvo* 26 (8): 4-7. July 1972

068510 80 OV64
Pollination in new apple orchards. (Cze) Blazek, J *ZL (zahradnicke Listy)* 65 (5): 133-135. 1972

PHYSIOLOGY AND BIOCHEMISTRY OF FOREST TREES

068511 450 AC823
Leaf anatomical & photosynthetical reactions of Quercus pubescens Willd. to environmental factors in various ecosystems. I. Leaf anatomical reactions. Fekete, G *Acta Bot* 18 (1/2): 59-89. Ref. 1973

068512 81 SO12
Analysis of stress distribution in sapling tree trunk. Leiser, A T *Amer Soc Hort Sci J* 98 (2): 164-170. Ref. Mar 1973

068513 506 SP12
Fixation of atomspheric nitrogen in Alnus glutinosa L. Gaertn. (Spa) Rodriguez-Barrueco, C *An Edafol Agrobiol* 31 (11/12): 893-904. Ref. Eng. Sum. Nov/-Dec 1972

068514 442.8 B5242
A model for ultraviolet rays stimulation of pollen tube growth of Pinus sylvestris. (Ger) Zelles, L *Biophysik* 9 (2): 142-154. Ref. Eng. Sum. 1973

068515 470 C16C
Histochemical changes occurring at seedling shoot apex of Pinus radiata. Riding, R T *Can J Bot* 51 (3): 501-512. Ref. Mar 1973

068516 470 C16C
Extractives associated with wound response of lodgepole pine attacked by mountain pine beetle & associated microorganisms. [Pinus contorta, Dendroctonus ponderosae]. Shrimpton, D M *Can J Bot* 51 (3): 527-534. Ref. Mar 1973

068517 470 C16C
Long-term fate & distribution of C[carbon] photoassimilated by young white pines in late summer. [Pinus strobus]. Ursino, D J *Can J Bot* 51 (3): 683-687. Mar 1973

068518 SD13.C35
Patterns of annual xylem increment integrated by contour presentation. Fayle, D C F *Can J Forest Res Rev Can Rech For* 3 (1): 105-111. Mar 1973

068519 SD13.C35
Ethylene & regulation of growth in pine. [Pinus strobus]. Brown, K M *Can J Forest Res Rev Can Rech For* 3 (1): 143-145. Ref. Mar 1973

068520 SD13.C35
A photoperiod response in germination of western hemlock seeds. [Tsuga heterophylla]. Edwards, D G W *Can J Forest Res Rev Can Rech For* 3 (1): 146-148. Ref. Mar 1973

068521 SD13.C35
Use of branches as a basis for estimation of copper, zinc, lead, & nickel status of a forest stand. [Betula papyrifera, Populus grandidentata, Populus tremuloides]. Fortescue, J A C *Can J Forest Res Rev Can Rech For* 3 (1): 27-33. Mar 1973

068522 SD13.C35
Effects of gibberellic acid & an inhibitor of gibberellin action on suckering from aspen root cuttings. [Populus tremuloides]. Schier, G A *Can J Forest Res Rev Can Rech For* 3 (1): 39-44. Ref. Mar 1973

068523 SD13.C35
Effects of fertilization of a black spruce stand on nitrogen contents of stemflow, throughfall, & litterfall. [Picea mariana]. Mahendrappa, M K *Can J Forest Res Rev Can Rech For* 3 (1): 54-60. Ref. Mar 1973

068524 SD13.C35
Cone production of douglas-fir & grand fir & its climatic requirements. [Pseudotsuga menziesii, Abies grandis]. Eis, S *Can J Forest Res Rev Can Rech For* 3 (1): 61-70. Ref. Mar 1973

068525 SD13.C35
Effects of osmotic water stress & gibberellic acid on initial growth of oak seedlings. [Quercus alba, l., Quercus rubra]. Larson, M M *Can J Forest Res Rev Can Rech For* 3 (1): 75-82. Ref. Mar 1973

068526 450 C16
Seed storage & germination of black poplar. [Populus balsamifera]. Hellum, A K *Can J Plant Sci* 53 (1): 227-228. Jan 1973

068527 QD241.K453
Chemical composition of bark of Larix sibirica. Barabash, N D *Chem Natur Compounds* 6 (3): 400-401. May/june 1970 Transl. 1973

068528 QD241.K453
1, 7-Diphenylheptane-3,5-diol from Alnus fruticosa & Alnus manshurica. Uvarova, N I *Chem Natur Compounds* 6 (4): 471-472. July/Aug 1970 Transl 1973

068529 QD241.K453
Hydroxyand oxomatairesinols from Picea obovata. Modonova, L D *Chem Natur Compounds* 6 (4): 4920493. July-/Aug 1970 Transl 1973

068530 QD241.K453
Catechins of bark of Larix sibirica. Pashinina, L T *Chem Natur Compounds* 6 (4): 494. July/Aug 1970 Transl 1973

068531 QD241.K453
Study of neutral fraction of oleoresin of Pinus koraensis. I. Main diterpenoid components. Raldugin, V A *Chem Natur Compounds* 6 (4): 498-499. Ref. July-/Aug 1970 Transl 1973

068532 410 EC7
Air temperature, heat sums, & pollen shedding phenology of longleaf pine. [Pinus palustris]. Boyer, W D *Ecology* 54 (2): 420-426. Ref. Early Spring 1973

068533 410 EC7
Root distribution under some forest types native to West Virginia. [Soils]. Kochenderfer, J N *Ecology* 54 (2): 445-448. Ref. Early Spring 1973

068534 99.9 F493
Wind-induced root movements in forest trees. Hintikka, V *Finland Metsantutkimuslaitos Julkaisuja* 76 (2), 56 P. Ref. 1972 (Pub 1973)

068535 99.9 F493
Investigations on annual cycle of development of forest trees; active period. Sarvas, R *Finland Metsantutkimuslaitos Julkaisuja* 76 (3), 110 P. Ref. 1972 (Pub 1973)

068536 QK1.F5
Oxidizability of cell contents & cytoplasm permeability as a character of gasstability in plants. [Pinus]. (Rus) Negrutskaia, G M *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 4 (6): 625-629. Ref eng. Sum. Nov/Dec 1972

068537 450 F58
On spectral diffusive reflection of light by needles of coniferous trees of Far East. (Rus) Chernyshev, V D *Fiziol Rast (mosc)* 20 (2): 321-325. Ref. Eng. Sum. Mar/Apr 1973

068538 450 F58
Water-soluble metabolites & their role in plant interrelations in phytocenoses. [Forest trees]. (Rus) Rakhteenko, I N *Fiziol Rast (mosc)* 20 (2): 385-391. Ref. Eng. Sum. Mar/Apr 1973

068539 99.8 F7632
Effects of elevation & seed source on tracheid length in young ponderosa pine. [Pinus ponderosa]. Echols, R M *Forest Sci* 19 (1): 46-49. Mar 1973

068540 410 G79
Germination of Pinus aristata Engelm. Reid, W H *Great Basin Natur* 32 (4): 235-237. Dec 31, 1972

068541 TK9400.S92 1972
Different P [Phosphorus] uptake of seedlings (Picea excelsa, Pinus silvestris, Alnus glutinosa & Secale cereale). Kilian, W *In Symposium on the Use of Isotopes and Radiation in Re Search on Soil-plant Relat incl For, Vienna, 1971. Proc* P. 301-312. Ref. 1972

068542 TK9400.S92 1972
Effect of acute gamma irradiation at various stages of seasonal growth in Pinus banksiana Lambert. Rudolph, T D *In Symposium on the Use of Isotopes and Radiation in Re Search on Soil-plant Relat incl For, Vienna, 1971. Proc* 00 000 1972 1972

068543 385 IN294
Arboreol, a new lignan from Gmelina arborea Linn. Govindachari, T R *Indian J Chem* 10 (12): 1120-1122. Dec 1972

068544 99.9 EA72
Relation between growth of Pinus Merkusii seedlings & Mycorrhiza. (Ind) Martini, *Indonesia Lembaga Pusat Penjelidikan Kehutanan Pengumuman* 100, 114 P. Ref. Eng. Sum. 1972

068545 450 J8224
Seed dormancy in Acer. Changes in endogenous cytokinins, gibberellins & germination inhibitors during breaking of dormancy in Acer saccharum Marsh. Webb, D P *J Exp Bot* 24 (78): 105-116. Ref. Feb 1973

068546 450 J8224
Studies on growth in culture of plant cells. XV. Uptake & utilization of uridine during growth of Acer pseudoplatanus L. Cells in suspension culture. Cox, B J *J Exp Bot* 24 (78): 159-174. Ref. Feb 1973

068547 450 J8224
Chloroplast development in etiolated peas: reformation of prolamellar bodies in red light without accumulation of protochlorophyllide. Treffry, T *J Exp Bot* 24 (78): 185-195. Ref. Feb 1973

068548 381 J827
Synthesis of chaminic acid. [Chamaecyparis nootkatensis]. Gensler, W J *J Org Chem* 38 (9): 1726-1731. Ref. May 4, 1973

068549 99.8 N62
Effect of temperature on hardiness changes of Saghalien fir seedlings. [Abies sachalinensis]. (Jap) Eiga, S *Jap Forest Soc J* 54 (12): 412-417. Ref. Eng. Sum. Dec 1972

068550 99.8 N62
Competition among clones of sug-seedlings grown from cutting. [Cryptomeria japonica]. (Jap) Akasi, T *Jap Forest Soc J* 55 (1): 1-8. Eng. Sum. Jan 1973

068551 99.8 N62
Water suction of cuttings measured by autoirrigator. [Cryptomeria japonica, Chamaecyparis obtusa]. (Jap) Tokuoka, M *Jap Forest Soc J* 55 (1): 35-38. Ref. Jan 1973

068552 99.8 N62
Effect of temperature on frost hardiness of Cryptomeria japonica. (Jap) Horiuchi, T *Jap Forest Soc J* 55 (2): 46-51. Ref. Eng. Sum. Feb 1973

068553 99.8 N62
Study on photosynthesis & respiration of forest tree. I. Relation between leaf age & photosynthetic activity in Pinus thunbergii. (Jap) Hagihara, A *Jap Forest Soc J* 55 (2): 71-74. Ref. Feb 1973

068554 99.9 J2793
On distributions of mean micellar angle & fiber length in trunk of Buna wood. [Fagus crenata]. (Jap) Okano, T *Jap Wood Res Soc J* 18 (12): 629-633. Dec 1972

068555 99.9 SO19
Interrelationships between forest trees & environment. (Heb) Gindel, I *La-yaaran* 22 (1/2): 12-20. Eng. Sum. June 1972

068556 99.9 SO19
A peculiar case of natural regeneration of cypress. [Cupressus sempervirens]. (Heb) Schiller, G *La-yaaran* 22 (1/2): 21-22. Eng. Sum. June 1972

068557 511 R442
Free amino acids of Karelian birch. [Betula verrucosa maserica]. (Rus) Eglite, G *Latv Psr Zinat Akad Vestis Izv* 1: 15-20. Ref. Eng. Sum. 1973

068558 99.8 L5622
On center of gravity of above-ground part of trees. (Rus) Efimov, N P *Les Khoz* 2: 52-53. Feb 1973

068559 99.9 C334
Differences in seed size & in biochemical composition of seed of various provenances of jack pine (Pinus banksiana Lamb). (Cze) Chalupa, V *Lesnictvi* 18 (12): 1089-1106. Ref. Eng. Sum. Dec 1972

068560 SD1.L4
Bioelectric activity of poplars of different physiological state in diurnal & seasonal rhythms. (Rus) Rutkovski, I V *Lesovedenie* 1: 51-57. Ref. Eng. Sum. Jan/Feb 1973

068561 SD1.L4
Anatomical structure of young growth leaves related to light intensity. [Forest trees]. (Rus) Malkina, I S *Lesovedenie* 1: 58-63. Ref. Eng. Sum. Jan/Feb 1973

068562 SD1.L4
On causes of low water content in tree buds in winter. (Rus) Davydova, I A *Lesovedenie* 1: 64-70. Eng. Sum. Jan/Feb 1973

068563 SD1.L4
Dormant buds of Acer negundo L. & their role in regeneration by shoots. (Rus) Kazanskii, V D *Lesovedenie* 1: 71-77. Ref. Eng. Sum. Jan/Feb 1973

068564 SD1.L4
Variability of seeds of Fagus orientalis. (Rus) Shutiaev, A M *Lesovedenie* 5: 14-21. Ref. Eng. Sum. 1972

068565 SD1.L4
Biological turnover of ash elements & nitrogen in pine felling areas. (Rus) IUrkevich, I D *Lesovedenie* 5: 3-13. Eng. Sum. 1972

068566 SD1.L4
Survival of trees under natural thinning in pine plantations. (Rus) Barnishkis, E K *Lesovedenie* 5: 33-41. Ref. Eng. Sum. 1972

068567 SD1.L4
On diurnal & seasonal dynamics of potassium content in leaves of arboreous species under irrigation. (Rus) Khashes, TS M *Lesovedenie* 5: 53-61. Ref. Eng. Sum. 1972

068568 SD1.L4
On relation of Pinus sibirica to illumination intensity. (Rus) Kirsanov, V A *Lesovedenie* 5: 89-92. Ref. Eng. Sum. 1972

068569 SD1.L4
On causes of dynamics of forest stand structure. (Rus) Makarenko, A A *Lesovedenie* 6: 13-20. Ref. Eng. Sum. 1972

068570 SD1.L4
Certain regularities of accumulation & redistribution of nitrogen in a pine tree. [Pinus sylvestris]. (Rus) Sudnitsyna, T N *Lesovedenie* 6: 61-68. Ref. Eng. Sum. 1972

068571 QK600.M5
Role of mycorrhiza in nutrition of larch seedlings. [Larix]. (Rus) Tserling, G I *Mikol Fitol* 7 (1): 30-33. Ref. 1973

068572 442.8 N22
Absorption of oxygen by Salix wood in relation to formation of heartwood. (Rus) Nekrasova, G N *Nauch Dokl Vyssh Shk, Biol Nauk* 1: 67-70. Ref. 1973

068573 100 OH3RS
Influence of pollination methods on yield & quality in high density plant populations. [Tomatoes]. Bauerle, W L *Ohio Agr Res Develop Center Res Sum* 66: 7-10. Apr 1973

068574 475 P174
Studies in root-promoting substances. I. Rooting activity of poplar stem cuttings. [Populusalba]. Malik, S *Pakistan J Sci Indus Res* 15 (3): 191-192. Ref. June 1972

068575 QK882.A1P4
Effect of growth environment on gas exchange charactersitics of brigalow (Acacia harpophylla F. Muell.). Downes, R W *Photosynthetica* 7 (1): 34-40. Ref. 1973

068576 450 P564
Seasonal changes in auxin effect on rooting of Douglas-fir stem cuttings as related to bud activity. [Pseudotsuga menziesii]. Roberts, A N *Physiol Plant* 28 (2): 215-221. Ref. 1973

068577 450 P564
Gibberellin-like substances from Norway spruce (Picea abies). Dunberg, A *Physiol Plant* 28 (2): 358-360. Ref. 1973

068578 450 P564
Nucleotide metabolism during pine pollen germination. [Pinus mugo]. Nygaard, P *Physiol Plant* 28 (2): 361-371. Ref. 1973

068579 450 P5622
Minor triterpene components from Quercus robur galls. Monaco, P *Phytochemistry* 12 (4): 946. Apr 1973

068580 450 P692
Mechanics of compression wood response. II. On location, action, & distribution of compression wood formation. [Pinus strobus]. Archer, R R *Plant Physiol* 51 (4): 777-782. Apr 1973

068581 450 P696
Biological weathering of silicate minerals; implications for tree nutrition & soil genesis. [Pinus radiata]. Boyle, J R *Plant Soil* 38 (1): 191-201. Ref. Feb 1973

068582 450 P693
Distribution of imported 14C [carbon] in developing leaves of eastern cottonwood according to phyllotaxy. [Populus del to deltoides]. Larson, P R *Planta* 111 (2): 95-112. Ref. 1973

068583 57.8 P34
Growth & moisture sufficiency of forest belts in Kulunda Steppe. (Rus) Popova, O S *Pochvovedenie* 3: 91-96. Eng. Sum. Mar 1973

068584 450 R11
Radiation-induced stimulation of pollen-tube elongation in douglas-fir. [Pseudotsuga menziesii]. Livingston, G K *Radiat Bot* 13 (2): 65-72. Ref. Apr 1973

068585 450 R18
Variability of amount & composition of essential oils in Pinus pithyusa. (Rus) Akimov, IU A *Rastitel Resursy* 9 (2): 235-242. Ref. 1973

068586 450 R18
Relationship between amount of catechols in bark of Larix sibirica & factors of ecology & age. (Rus) Poliakova, L V *Rastitel Resursy* 9 (2): 264-266. 1973

068587 99.9 IL1
Ecological factors affecting growth of Aleppo pine in southern Judean hills. [Pinus halepensis]. (Heb) Schiller, G *Rehovot Nat Univ Inst Agr Forest Div Leafl* 44, 21 P. Eng. Sum. Dec 1972

068588 99.9 IL1
Effects of flooding an ecotypes of Eucalyptus viminalis Labill. Karschon, R *Rehovot Nat Univ Inst Agr Forest Div Leafl* 45, 9 P. Ref. Dec 1972

068589 99.8 R473
Gibberellin treatment for planting stock of Cryptomeria japonica. (Jap) Shibata, S *Ringyo Gijitsu* 372: 29-32. Mar 1973

068590 450 F58AE
Distribution of carbon assimilated during photosynthesis in isoprene molecules. [Populus nigra]. Sanadze, G A *Soviet Plant Physiol* 19 (5): 924-930. Sept/Oct 1972 Transl 1973

068591 99.8 W143
Effect of dry summer 1971 on radial growth of Picea in Tharand Forest. (Ger) Fiedler, F *Sozialistische Forstwirtsch* 22 (11): 339-341. Nov 1972

068592 99.9 SU9Y
Root system formation & promotion of staminate strobili formation at juvenile age of inverted radicle grafts of Korean pine. [Pinus koraiensis]. (Kor) Park, K S *Suwon Inst Forest Genet Res Rep* 9: 51-59. Eng. Sum. July 1972

068593 391.8 T66
Isolation of naphthazarin from walnut 'Onigurumi' & its inhibiatory action on oxidative phosphorylation in mitochondria [Juglans mandschurica maxim]. Ohta, A *Toxicon* 11 (3): 235-241. Ref. Apr 1973

068594 1.962 C5T71
Growth regulators stimulate ponderosa pine seedling development. Coffman, M S *Tree Planters' Notes* 24 (1): 23-25. Feb 1973

068595 1.962 C5T71
New equipment improves pollen viability. [Pinus]. Summerville, K O *Tree Planters' Notes* 24 (1): 3-6. Feb 1973

068596 A99.9 F7632US
Age of Engelmann spruce seedlings affects ability to withstand low temperature: a greenhouse study. [Picea engelmannii]. Noble, D L *U S Forest Serv Res Note RM* 232, 4 P. 1973

068597 A99.9 F7632US
Cliffrose & mountainmahogany seeds retain viability 6 years in cold storage. [Cowania mexicana, Cercocarpus montanus]. Springfield, H W Rocky Mountain Forest and Range Experiment Station *U S Forest Serv Res Note RM* 236, 2 P. 1973

068598 SD12.V8V8
Effect of seedling grade on survival & growth of loblolly pine seedlings. [Pinus taeda[. Dierauf, T A *Va Div Forest Occas Rep* 40, 6 P. Apr 1973

068599 442.9 L542V
Role of anaerobic respiration in adaptation of certain trees to temporary anaerobiosis. [Salix alba, Populus petrowskyana]. (Rus) Chirkova, T V *Vestn Leningr Univ, Biol* 3: 88-95. Ref. Eng. Sum. 1973

068600 20 AK16
Growth features of annual seedlings of Pinus sylvestris in pine forest belts of Kazakhstan. (Rus) Bozrikov, V V *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 91-95. Jan 1973

068601 442.8 M66
Migration of labelled phosphorus between Pinus & Betula plants in pure & mixed cultures. (Rus) Kabashnikova, H I *Vestsi Akad Navuk BSSR, Ser Biial Navuk* 6: 102-104. 1972

068602 442.8 M66
Change in weight of buds & amount of moisture in them for certain tree species during dormant period. [Quercus robur, Tilia platiphyllos, Betula verrucosa]. (Bel) Nestsiarovich, M D *Vestsi Akad Navuk BSSR, Ser Biial Navuk* 6: 13-17. Ref. 1972

068603 442.8 M66
Effect of potassium metaphosphate on growth of Pinus sylvestris. (Bel) Hrygor'eu, V P *Vestsi Akad Navuk BSSR, Ser Biial Navuk* 6: 23-26. Ref. 1972

068604 442.8 M66
On pollen germination of some species of Abies. (Bel) Krauchanka, L U *Vestsi Akad Navuk BSSR, Ser Biial Navuk* 6: 32-35. Ref. 1972

068605 99.8 M69
Study of preparations for preserving root freshness on root & mycorrhiza development. [Picea]. (Ger) Gobl, F *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 96: 103-109. 1972

068606 99.8 M69
Research on transplantation chock in Larix: growth & water economy after transplantation. (Ger) Havranek, W *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 96: 111-135. Ref. 1972

068607 99.8 M69
Effect of antitranspirants & of preparations for preserving root freshness on gas exchange in young firs, Swiss pines, & larches & significance of these preparations for afforestat (Ger) Traquillini, W *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 96: 75-102. Ref. 1972

FIELD CROPS — CULTURE

068608 S544.3.W6W53
1972 Commercial & public soybean variety performance. Oplinger, E S *A Coop Ext Programs Univ Wis* a2476, 6 P. Jan 1973

068609 S544.3.W6W53
Oat varieties for 1973. Forsberg, R A *A Coop Ext Programs Univ Wis* A1929, 4 P. Map. Jan 1973

068610 S544.3.W6W53
Soybean varieties for 1973. Oplinger, E S *A Coop Ext Programs Univ Wis* A1977, 4 P. Map. Feb 1973

068611 S544.3.W6W53
1972 wisconsin corn hybrids. Lonnquist, J H *A Coop Ext Programs Univ Wis* A2221, 2 P. Feb 1973

068612 S544.3.W6W53
1972 wisconsin corn hybrids. Lonnquist, J H *A Coop Ext Programs Univ Wis* 2221, 2 P. Feb 1973

068613 S19.A32
Performance of wheat varieties under unirrigated conditions in valley areas of Himachal Pradesh. Vir, B S *Agric Agro-ind J* 6 (2): 15-16. Feb 1973

068614 22.5 N682
Theory & technique on rice seedling growing. 1. (Jap) Hoshikawa, K *Agric Hortic* 48 (4): 111-116. Apr 1973

068615 22.5 N682
Simple germination methods for rice seed. 2. (Jap) Sato, F *Agric Hortic* 48 (4): 45-48. Apr 1973

068616 22.5 N682
Soybean culture techniques in northeastern districts of Japan. (Jap) Oba, T *Agric Hortic* 48 (4): 77-82. Ref. Apr 1973

068617 385 AG89
Effect of winter rye grown in monoculture on its yield & fertility of dark gray podzolized soil. (Rus) Grib, N I *Agrokhimiia* 2: 57-65. Ref. Feb 1973

068618 385 AG89
Effect of preceding crops on yield of wheat & corn & nutritional conditon of soil. (Rus) Lazarev, S G *Agrokhimiia* 2: 66-69. Feb 1973

068619 442.9 AK18
Biological peculiarities & productivity of Estonian winter barley varieties. (Rus) Lepajoe, J *Akad Nauk Est Ssr Izv Ser Biol* 21 (4): 327-334. Ref. 1972

068620 49 C43
Intensive maintenance & managing techniques for pastures in mountainous dairy farms. (Jap) Ukai, N *Anim Husb (tokyo)* 27 (4): 65-70. Apr 1973

068621 49 C43
Effect of artificial lodging of Dactylis grasses on its yield. (Jap) Kumai, S *Anim Husb (tokyo)* 27 (4): 81-82. Apr 1973

068622 100 AR42F
Soybean varietal performance in 1972. Caviness, C E *Ark Farm Res* 22 (2): 2. Mar/Apr 1973

068623 100 AR42F
Wide-bed, narrow-row cotton: preliminary research results. Parish, R L *Ark Farm Res* 22 (2): 4. Mar/Apr 1973

068624 100 AR42F
AKS-618, a new hybrid grain sorghum. York, J O *Ark Farm Res* 22 (2): 6. Mar/Apr 1973

068625 61.9 AS7N
Caryopses of Zoysia matrella & Bermudagrass are very similar. [Cynodon dactylon]. Smith, H L *Ass Off Seed Anal News Lett* 47 (2): 33. May 1973

068626 23 AU792
Effect of increased soil nitrogen associated with medic ley on performance of a standard & a semi-dwarf wheat cultivar. Tuohey, C L *Australian J Exp Agr Anim Husb* 13 (60): 63-68. Ref. Feb 1973

068627 66.8 B392
It pays to sow early. [sugar beets]. Grimes, M *Biatas* 26 (12): 533-534. Mar 1973

068628 66.8 B392
Sugar beet production in EEC. 1. Agricultural techniques. Rowlette, M *Biatas* 405000 Jan 1973

068629 60.19 B773
Pasture yield instrument using a radio frequency bridge. Nichols, G de la M *Brit Grassland Soc J* 28 (1): 27-30. Ref. Mar 1973

068630 60.19 B773
Effect of strength, tilth & heterogeneity of soil surface on radicle-entry of surface-sown seeds. Campbell, M H *Brit Grassland Soc J* 28 (1): 41-50. Ref. Mar 1973

068631 66.8 B77
Bolting in early-sown beet. Willey, L A *Brit Sugar Beet Rev* 40 (6): 259-260. Dec 1972

068632 77.9 P212B
Studies of potentialities of soybean production. (Fre) Rollier, M *Bull Cetiom (Cent Tech Interprof Oleagineux Metropolitains)* 49 (4): 3-10. Fourth Quarter 1972

068633 470 C16E
Fatty acid synthetase from Pythium debaryanum. Law, S W T *Can J Biochem* 51 (3): 241-248. Ref. Mar 1973

068634 450 C16
Estimates of prairie provincial wheat yields based on precipitation & potential evapotranspiration. Williams, G D V *Can J Plant Sci* 53 (1): 17-30. Jan 1973

068635 450 C16
Tendervee sweet corn. [Hybrids]. Kerr, E A *Can J Plant Sci* 53 (1): 175-176. Jan 1973

068636 450 C16
High quality sweet corn inbreds released in 1971 & 1972. Kerr, E A *Can J Plant Sci* 53 (1): 177-179. Jan 1973

068637 450 C16
Puma, a new cultivar of winter rye. Shebeski, L H *Can J Plant Sci* 53 (1): 67. Jan 1973

068638 49 C29
Grasses & pastures. Pratt, J N *Cattleman* 49 (11): 104. Apr 1973

068639 19.5 C333
Completed tasks at Corn Research Institute at Trnava, Slovakia. (Slo) Zaujcova, L *Cesk Akad Zemed Vestn* 19 (4): 169-175. 1972

068640 275.29 SO8I
S. C. peanut production guide for high yields & good quality, including control of: insects diseases & nematodes. Nolan, C N *Clemson Univ Ext Inform Card* 115 (Rev.), 6 P. Jan 1973

068641 100 C71C
Alfalfa variety testing. Mann, H O *Colo Agr Exp Sta Progr Rep Pr* 73-17, 2 P. Apr 1973

068642 100 C71C
Broomcorn variety testing, 1972. Mann, H O *Colo Agr Exp Sta Progr Rep Pr* 73-18, 2 P. Apr 1973

068643 100 C71C
Yield & quality – sudan, sorgo-sudan, sorghumsudan, & pearl millet hybrids. Mann, H O *Colo Agr Exp Sta Progr Rep Pr* 73-19, 2 P. Mar 1973

068644 100 C71C
Response of Proso millet to limited irrigation. Langin, E J *Colo Agr Exp Sta Progr Rep Pr* 73-20, 1 P. Mar 1973

068645 100 C71C
Yield tests of dry field beans, 1972. [Kidney beans]. Mann, H O *Colo Agr Exp Sta Progr Rep Pr* 73-21, 2 P. Apr 1973

068646 100 C71C
Comparison of varieties, fallow methods, & seeding rates for wheat, 1972. Langin, E J *Colo Agr Exp Sta Progr Rep Pr* 73-22, 2 P. Apr 1973

068647 100 C71C
Soilwater storage & yield of winter wheat in relation to frequency of summer tillage, 1972. Langin, E J *Colo Agr Exp Sta Progr Rep Pr* 73-27, 2 P. Apr 1973

068648 100 C71C
Comparison of grain drills at different seeding rates for dryland wheat production. Langin, E J *Colo Agr Exp Sta Progr Rep Pr* 73-28, 2 P. Apr 1973

068649 SB23.C6A3
Annotated bibliography on desiccation to assist sugar cane harvesting, 1960 – 1971. *Commonw Bur Hortic Plant Crops Query File* 6035(s), 2 P. Jan 1973

068650 SB23.C6A3
Annotated bibliography on Saccharum spontaneum 1947 – 1971. *Commonw Bur Hortic Plant Crops Query File* 6062 (s), 2 P. Feb 1973

068651 304.9 IN892C
Cotton growing in Israel. Neumark, Z *Cotton Allied Textile Indus* 13: 55. 1972

068652 22.5 C88
Studies on causes of rice yeild decrease resulting from continual direct sowing culture. II. In relation to phosphorus nutrition. (Jap) Uemura, Y *Crop Sci Soc Japan Proc* 42 (1): 116-122. Eng. Sum. Mar 1973

068653 22.5 C88
Studies on effect of nonuniformity of planting on growth & yield of crops. 3. Effects of missing plant & nonuniformity of intrarow spacing on yield of forage turnip. (Jap) Tsunoda, K *Crop Sci Soc Japan Proc* 42 (1): 79-83. Ref. Eng. Sum. Mar 1973

068654 64.8 C883
Performance of 2-dwarf & 3-dwarf grain sorghum hybrids harvested at various moisture contents. Windscheffel, J A *Crop Sci* 13 (2): 215-219. Ref. Mar/Apr 1973

068655 64.8 C883
Yield stability in doubled haploids of American Pima cotton. Feaster, C V *Crop Sci* 13 (2): 232-233. Mar/Apr 1973

068656 64.8 C883
Influence of seeding rate upon seed & oil yield & their components in flax. Albrechtsen, R S *Crop Sci* 13 (2): 277-280. Ref. Mar/Apr 1973

068657 6 W55
Soybean seed crisis. Copeland, L O *Crops Soils* 25 (7): 10-11. Apr/May 1973

068658 10 EX72
Effects of brackish irrigation water & fertilizers on millet & corn. Ravikovitch, S *Exp Agr* 9 (2): 181-188. Ref. Apr 1973

068659 S19.E8
Romance of seeds. Rakesh, O S *Explos Hunger* 5 (1): 623-625. Oct/Dec 1972

068660 HD9016.I4F3
Unrivalled redgram SA. 1. [Pigeonpeas]. Rajagopalan, C K *Farm Fact* 6 (12): 14. Oct 1972

068661 S19.F37
How & why to grow soybean. Gupta, R D *Farmer Parliament* 7 (12): 21-22. Dec 1972

068662 24 SO842
Two newcomers to our wheat fields: Kasteel & Tosca. Joubert, G D *Farming S Afr* 48 (8): 16-18. Nov 1972

068663 18 W763
Higher feed production by cultivation of grassland for cropping. (Ger) Schuchner, A *Feldwirtschaft* 13 (11): 500-501. Nov 1972

068664 18 W763
Complex use of harvesting equipment & ensilaging of sugar beet leaves. (Ger) Nonn, H *Feldwirtschaft* 13 (11): 514-517. Nov 1972

068665 18 W763
'mironovskaya 808', a Soviet variety to boost wheat production. (Ger) Ebert, D *Feldwirtschaft* 14 (1): 12-14. Jan 1973

068666 18 W763
Cereals & maize harvested as whole plants. (Ger) *Feldwirtschaft* 14 (1): 14-15. Jan 1973

068667 18 W763
How to ensure high winter rapeseed yields. (Ger) Winkel, A *Feldwirtschaft* 14 (1): 18-20. Jan 1973

068668 18 W763
Planful application of latest technical-scientific findings for high, stable yields in 1973. (Ger) Krebs, O *Feldwirtschaft* 14 (1): 5-6. Jan 1973

068669 18 W763
Varieties must be site-oriented for maximum yield & elevation of crop farming as a whole. (Ger) Koehler, G *Feldwirtschaft* 14 (1): 7-8. Jan 1973

068670 18 W763
Expansion & introduction of high-yielding cereal varieties of efficient varieties for further rise of cereal production. (Ger) Stelkhardt, H *Feldwirtschaft* 14 (1): 9-12. Jan 1973

068671 18 W763
Stable fodder production due to growing green maize. (Ger) Watzke, G *Feldwirtschaft* 14 (3): 132-133. Mar 1973

068672 73.8 F44
Comparative tests of flax varieties: results of tests 1972 & comparison with previous tests. (Fre) Hermant, P *Fibra* 18 (1): 22-29. 1973

068673 25 F47AG
Rice research in Fiji 1060 – 1970. IV. Long term trials. [Fertilizers]. Vernon, A J *Fiji Agric J* (New Ser.) 34 (2): 61-70. Map. Ref. July/Dec 1972

068674 28 F55
Rice plan type under nearly ideal climatic conditions. (Spa) Kawano, K *Fitotec Latinoamer* 8 (2): 66-73. Ref. Eng. Sum. 1972

068675 14 F844B
Can one have an intensive milk production only with permanent pasture? [Cattle]. (Fre) Combe, P *France Min Agr Bull Tech Inform* 276: 3-19. Map. Jan 1973

068676 HD1927.G7
Autumn weather & cereal growing in England. Smith, L P *G B Agric Dev Advis Serv A.d.a.s. Q Rev* 8: 177-183. Spring 1973

068677 275.29 G29C
Recommended soybean varieties for Georgia. Segars, W I *Ga Univ Ext Circ* 652, 6 P., Map. Mar 1973

068678 275.29 G29L
Spancross & Tifspan: new Spanish peanuts for Georgia. McGill, J F University Cooperative Extension Service *Ga Univ Ext Leafl* 144, 4 P. Mar 1973

068679 24 G252
Tobacco production in Angola. (Por) Albergaria, M S *Gaz Agr Angola* 17 (10): 749, 751-752. Oct 1972

068680 24 G252
Sunflower culture. (Por) Vianna e Silva, M *Gaz Agr Angola* 17 (11): 819, 821, 823, 825-826. Nov 1972

068681 7 G59W
Frost seeding may lead to greater yields. [Cereals]. Campbell, I *Good Farming* 24 (2): 20-21. Feb 1973

068682 7 G59W
Pasture renovation intensifies beef production. Campbell, I *Good Farming* 24 (2): 8, 12. Feb 1973

068683 15.5 G76
Culture & technology of yellow tobacco (Virginia type) in Mozambique. (Por) Pinheiro Junqueiro, M *Granja (Lisboa)* 31 (1/4): 95-103. Jan/Feb 1972

068684 11 H152
Popularity of new grain variety spreads rapidly in Halland. (Swe) Gustafsson, K G *Hallands Lans Hushallningssallsk Tidskr* 15 (6): 16-18. Nov 1972

068685 107.6 H61B
Studies on permissible limit of successive missing in rice cultivation with young seedling transplantation, especially in relation to compensating ability of neighboring hills. (Jap) Maeda, H *Hiroshima Agr Exp Sta Bull* 32: 1-6. Eng. Sum. Nov 1972

068686 107.6 H61B
Newly bred forage sorghum variety 'Sendachi'. (Jap) Arata, H *Hiroshima Agr Exp Sta Bull* 32: 51-68. Ref. Eng. Sum. Nov 1972

068687 64.8 H66
Baking quality of spring wheat as affected by rain during post-harvest drying. [Varieties, testing]. (Pol) Zamorska, M *Hodowla Roslin Aklimatyzacja Nasiennictwo* 16 (2): 107-122. Eng. Sum. 1972

068688 64.8 H66
Evaluation of milling & baking quality of spring & winter wheats from variety trials. II. (Pol) Bogdanowicz, M *Hodowla Roslin Aklimatyzacja Nasiennictwo* 16 (2): 123-140. Ref. Eng. Sum. 1972

068689 64.8 H66
Influence of different level of nitrogen fertilization on grain, flour & bread quality of 4 intensive winter wheat varieties. (Pol) Biskupski, A *Hodowla Roslin Aklimatyzacja Nasiennictwo* 16 (2): 95-106. Eng. Sum. 1972

068690 107.6 H68
New cultivars of tall fescue (Festuca arundinacea L.), 'Hokuryo' & 'Yamanami'. (Jap) Kawabata, S *Hokkaido Nat Agr Exp Sta Res Bull* 103: 1-22. Eng. Sum. Nov 1972

068691 107.6 H68
Studies on grazing & grassland management of beef cattle. 3. Effects of pasture type & management on productivity of beef cattle & dairy cow. (Jap) Hayakawa, Y *Hokkaido Nat Agr Exp Sta Res Bull* 103: 31-40. Eng. Sum. Nov 1972

068692 S15.I592
Influence of nitrogen dose & frequency of application on forage yield of elephantgrass (Pennisetum purpureum Schumach). (Spa) Quintero, J L *Ica Rev (Inst Colomb Agropecuar)* 7 (1): 33-40. Ref. Eng. Sum. Mar 1972

068693 SB191.W5B32
Effect of sowing time & seed quantity on quality of winter wheat. (Hun) Pollhamer, E *In Bajai, Jeno. Buzatermesztesi Kiserletek, 1960-1970* P. 593-601. Ref. Eng. Sum. 1971

068694 SB191.W5P62
Comparative level of technoloigical qualities of old & new varieties of wheat. (Rus) Rabinovich, S V *In Povyshenie Kachestva Zerna Pshenitsy* P. 106-114. 1972

068695 SB191.W5P62
Primary ways of improving wheat grain quality. (Rus) Vasilenko, I I *In Povyshenie Kachestva Zerna Pshenitsy* P. 133-138. 1972

068696 SB191.W5P62
Quality of winter wheat grain relative to varietal features & effect of cultural conditions. (Rus) Tymchuk, M IA *In Povyshenie Kachestva Zerna Pshenitsy* P. 155-156. 1972

068697 SB191.W5P62
On measures for improving wheat grain quality in non-Chernozem region. [Culture. (Rus) Shibaev, P N *In Povyshenie Kachestva Zerna Pshenitsy* P. 203-208. 1972

068698 SB191.W5P62
Problem of increasing yield capacity & quality in winter wheat grain in Rostov Region. (Rus) Kalenenko, I G *In Povyshenie Kachestva Zerna Pshenitsy* P. 215-222. 1972

068699 SB191.W5P62
Some procedures for improving grain quality in winter wheat in regions of insufficient moisture in Ukraine. (Rus) Fedorova, N A *In Povyshenie Kachestva Zerna Pshenitsy* P. 223-229. 1972

068700 SB191.W5P62
Scientific achievements & progress in improving wheat grain quality under production conditions. (Rus) Remeslo, V N *In Povyshenie Kachestva Zerna Pshenitsy* P. 23-27. 1972

068701 SB191.W5P62
Agrotechnical procedures for improving quality of winter wheat grain in Drasnodar Territory. (Rus) Drogalin, P V *In Povyshenie Kachestva Zerna Pshenitsy* P. 236-243. 1972

068702 SB191.W5P62
Grain quality of irrigated winter wheat in southern Ukraine & several ways of improving it. (Rus) Sobko, A A *In Povyshenie Kachestva Zerna Pshenitsy* P. 249-253. 1972

068703 SB191.W5P62
On increasing yield capacity & improving grain quality of winter wheat in Poltava Region. (Rus) Klimov, M G *In Povyshenie Kachestva Zerna Pshenitsy* P. 254-259. 1972

068704 SB191.W5P62
Spring wheat grain quality in cis-Ural region & methods for improvement. (Rus) Prokoshev, V N *In Povyshenie Kachestva Zerna Pshenitsy* P. 272-277. 1972

068705 SB191.W5P62
Improving quality of wheat grain in forest-steppe region & Polesye of Ukraine. (Rus) Samolevskii, I IA *In Povyshenie Kachestva Zerna Pshenitsy* P. 283-286. 1972

068706 SB191.W5P62
Effect of cultural conditions on quality of wheat grain in Krasnodar Territory. (Rus) Razumovskii, A G *In Povyshenie Kachestva Zerna Pshenitsy* P. 297-300. 1972

068707 SB191.W5P62
On reserves for improving quality of winter wheat grain. [Culture]. (Rus) Kalashnikova, K V *In Povyshenie Kachestva Zerna Pshenitsy* P. 307-311. 1972

068708 SB191.W5P62
Change in quality of wheat grain in relation to harvesting dates & methods. (Rus) Lomovskaia, O I *In Povyshenie Kachestva Zerna Pshenitsy* P. 312-318. 1972

068709 SB191.W5P62
Effect of agrotechnical measures on efficiency of non-root supplements of urea in Kursk Region. [Wheat]. (Rus) Sumanov, E IA *In Povyshenie Kachestva Zerna Pshenitsy* P. 319-325. 1972

068710 SB199.S63
Productivity of perennial cultivated pastures in northern forest-steppe region. (Rus) Poluben', G S *In Sozdanie i Ispol'zovanie Kul'turnykh Pastbishch v RSFsR* P. 168-145. 1972

068711 SB112.V6
Study of winter & spring wheat varieties when irrigated in light chestnut soils. (Rus) IAkhtenfel'd, P A *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 124-127. 1972

068712 SB112.V6
Improving grain quality of strong & hard wheats in Volga region. (Rus) Marushev, A I *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 98-103. 1972

068713 SB112.V6
Production of feeds in Volga region. [Pastures, forage plants, culture]. (Rus) Andreev, N G *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 273-279. 1972

068714 SB112.V6
Extending plantings & increasing production of groat crops. (Rus) Elagin, I N *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 153-156. 1972

068715 SB112.V6
Basis for differentiated agronomic techniques for grain crops in Volga region. (Rus) Kabanov, P G *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 135-137. 1972

068716 SB112.V6
Significance of correct crop rotation for increasing grain production in arid Volga region. (Rus) Shul'meister, K G *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 132-135. 1972

068717 SB112.V6
Means of increasing yields of grain crops on irrigated lands of Volga region. (Rus) Filimonov, M S *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 164-169. 1972

068718 SB112.V6
Perennial grasses in arid Volga region. (Rus) Filatov, F I *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 279-282. 1972

068719 SB112.V6
Basic improvement of low-yielding pastures on sloping land of Chestnut soil region of Volga area. (Rus) Korolenko, M N *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 289-292. 1972

068720 SB112.V6
Estuary meadows & their improvement. (Rus) Leont'eva, I P *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 287-289. 1972

068721 SB112.V6
On establishment of irrigated cultivated pastures on Mummovskii Training Farm. (Rus) Dmitriev, A F *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 282-285. 1972

068722 SB112.V6
On alfalfa seed culture in relation to irrigating lower Volga region. (Rus) Ivanov, A F *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 304-309. 1972

068723 SB112.V6
On improving quality of hay. (Rus) Mosvisiants, A P *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 292-296. 1972

068724 513 IN25B
Impact of photoperiod on seasonal sowing in rice. II. Interaction between short photoperiod & month of sowing in a late-winter indica rice. Misra, G *Indian Acad Sci Proc Sect B* 77 (4): 137-147. Ref. Apr 1973

068725 22 AG83I
Size & shape of plots & blocks in yield trails of soybean (Glycine max (L.) Merr.). Shanker, K *Indian J Agr Sci* 42 (10): 901-904. Oct 1972

068726 22 AG83I
Effect of methods of intercropping maize with cowpea on production of animal feed. Sharma, S C *Indian J Agr Sci* 42 (10): 904-908. Oct 1972

068727 22 AG83I
Associations among yield components in dwarf wheats. Anand, S C *Indian J Agr Sci* 42 (10): 935-938. Oct 1972

068728 22 IN235
Effects of planting dates & seeding rates on yield of barley varieties. Singh, R P *Indian J Agron* 17 (3): 173-175. Sept 1972

068729 22 IN235
A study of intercropping sesamum with maize & mung. [Beans]. Singh, P P *Indian J Agron* 17 (4): 294-296. Dec 1972

068730 22 IN235
Performance of berseem under varying moisture regimes, cutting management & phosphorus levels. [Egyptian clover]. Singh, S P *Indian J Agron* 17 (4): 312-316. Dec 1972

068731 22 IN235
Correlation studies on yield & agronomic characters in cowpeas. Bapna, C S *Indian J Agron* 17 (4): 321-324. Dec 1972

068732 22 IN235
Studies on multiple cropping. 1. Comparative performance of dalua (rabi) rice in various cropping patterns. Sadanandan, N *Indian J Agron* 17 (4): 332-334. Dec 1972

068733 22 IN235
Note on performance of long duration high yielding varieties of rice in West Godavari District (Andhra Pradesh). Rao, Y Y *Indian J Agron* 17 (4): 352-353. Dec 1972

068734 22 IN235
A note on optimum dates of sowing of olitorius jute varieties under upland conditions. Mahapatra, I C *Indian J Agron* 17 (4): 354-357. Dec 1972

068735 22 IN235
Note on effect of seed rates, row spacing & fertilizer levels on yield of sesamum. Singh, P P *Indian J Agron* 17 (4): 366-367. Dec 1972

068736 464.8 IN2
Crop farming in England today!. (Ger) Golisch, G *Indian Phytopathol* 25 (3): 423-424. Sept 1972

068737 65.8 IN26
Co. 6812-A new cane variety for Western Uttar Pradesh. Mathur, B S *Indian Sugar (calcutta)* 22 (10): 785-790. Jan 1973

068738 65.8 IN26
Some aspects of sugarcane culture in Puerto Rico & Louisiana. Kanwar, R S *Indian Sugar (calcutta)* 22 (4): 329-330, 333. July 1972

068739 77.8 IN3
Anticipated rape harvest: Experiment Station study. (Fre) Peres, A *Inform Tech Cetiom (Cent Tech Interprof Oleagineux Metrop)* 30: 4L-63. Jan/Feb 1973

068740 20 M57AG
Main orientation in complex research of sugar beet culture. (Ger) Schmilliar, M *Int Z Landwirt* 1: 64-66. 1973

068741 20 M57AG
Stable fodder basis for industrial livestock production. (Ger) Jakimowa, J *Int Z Landwirt* 5: 545-549. 1972

068742 22 IN8
What is good seed. Chadha, P C *Intensive Agr* 10 (11): 11-12. Jan 1973

068743 22 IN8
Growing summer paddy. [Rice, India]. *Intensive Agr* 10 (11): 2-6. Jan 1973

068744 22 IN8
Haryana can go in for multiple cropping. Kataria, O P *Intensive Agr* 10 (11): 24-26. Jan 1973

068745 16 IT1
Hard wheats of high yields. (Ita) Vallega, J *Ital Agr* 109 (11): 1132-1149. Nov 1972

068746 16 IT1
Cooperatvie research on culture of forage plants. (Ita) Orsi, S *Ital Agr* 109 (11): 1157-1159. Nov 1972

068747 340.9 SO1
Inspections of rice cultures in Italy & France. A quick look at European agricultural institutions. (Jap) Nishihuchi, H *J Agric Meteorol (jap)* 28 (3): 37-43. Jan 1973

068748 60.18 J82
Production & nutrient status of whitetop. [Scolochloa festucacea]. Smith, A L *J Range Manage* 26 (2): 117-120. Ref. Mar 1973

068749 100 K13S (1)
Report on 1972 Kansas grain sorghum performance tests. Walter, T L *Kans Agr Exp Sta Bull* 565, 32 P. Feb 1973

068750 385 K524
Ratio between yield & quality of winter wheat grain & planting date & fertilizers. (Rus) Synzynys, I Z *Khim Sel'skom Khoz* 10 (10): 21-22. 1972

068751 100 K41PR
Kentucky small grain variety trials: 1972. [Barley, wheat, oats]. Tutt, C R *Ky Agr Exp Sta Progr Rep* 205, 24 P., Map. Feb 1973

068752 100 K41PR
Kentucky hybrid corn performance test, 1972. Poneleit, C G *Ky Agr Exp Sta Progr Rep* 206, 31 P., Map. Feb 1973

068753 11 L236
Timothy varieties, 1973. (Nor) Tranmael, T *Landbrukstidende* 79 (10): 228-229. Mar 10, 1973

068754 11 L236
Characteristics & variety selection of forage crops. (Nor) Skaland, N *Landbrukstidende* 79 (9): 199-200. Mar 3, 1973

068755 17 L23
Report of activity of Federal Research Institute for Agricultural Plant Culture, Zurich – Reckenholz, during years of 1969, 1970, 1971. (Ger) Salzmann, R *Landwirt Jahrbuch Schweiz* 86 (3/4): 281-391. 1972

068756 56.9 R44
Productiveness & characteristics of main grassland types of Latvian SSR. (Rus) Sulce, S *Latv Nauch-issled Inst Zeml Poch Urozhai* 20: 105-118. Ref. Eng. Sum. 1972

068757 56.9 R44
Development of cultivated pastures in soddy-podzolic eroded soils of hilly upland of eastern Latvia. (Rus) Berzins, P *Latv Nauch-issled Inst Zeml Poch Urozhai* 20: 119-125. Eng. Sum. 1972

068758 18 L49
Comparative yield & quality studies. [Wheat, sugar beets, potatoes[. (Ger) Wistinghausen, A *Lebendige Erde* 1: 16-20. Jan/Feb 1973

068759 100 M36M
Performance of winter barley & winter wheat in Maryland, 1972. Shannon, J G *Md Agr Exp Sta Misc Publ* 828, 16P., Map. Mar 1973

068760 20 M57
Red clover culture. [East Germany]. (Rus) Baudis, Kh *Mezhdunar Sel'skokhoz Zh* 2: 55-60. 1973

068761 20 M57
Seed culture of alfalfa & clover. [Poland]. (Rus) Zenkovich, B *Mezhdunar Sel'skokhoz Zh* 2: 60-62. 1973

068762 20 M57
Red clover seed culture in Perm Region. (Rus) Mina, V *Mezhdunar Sel'skokhoz Zh* 2: 62-65. 1973

068763 20 M57
Agronomic techniques for red clover grown for seed. [Poland]. (Rus) IAsin'ska, Z *Mezhdunar Sel'skokhoz Zh* 2: 65-68. 1973

068764 20 M57
Leguminous grass seed production. [Czechoslovakia]. (Rus) Pokornyi, B *Mezhdunar Sel'skokhoz Zh* 2: 68-72. 1973

068765 18 N39
Summer catch crop growing. (Ger) Lutke-Entrup, E *Mitt Deut Landwirt-ges* 88 (15): 421-422. Apr 12, 1973

068766 18 N39
Technical lessons from corn culture of 1972. (Ger) Estler, M *Mitt Deut Landwirt-ges* 88 (5): 122-123. Feb 1, 1973

068767 100 M69MI
Hill Section cotton variety tests. Douglas, A G *MAFES Res Highlights (miss Agric For Exp Stn)* 36 (4): 1, 5, 8. Apr 1973

068768 100 M69MI
Grain sorghum hybrid tests, 1972. Gourley, L M *MAFES Res Highlights (miss Agric For Exp Stn)* 36 (4): 1, 6. Apr 1973

068769 100 M69MI
Soybean variety evaluation. Hartwig, E E *MAFES Res Highlights (miss Agric For Exp Stn)* 36 (4): 3, 7. Apr 1973

068770 100 M69MI
Plant populations for twin-row cotton. Tupper, G R *MAFES Res Highlights (miss Agric For Exp Stn)* 36 (4): 4, 7. Apr 1973

068771 275.29 N811EX
Practices for efficient soybean production. Clapp, J G *N C Univ Ext Ext Folder* 286 (Rev). 8 P. Apr 1973

068772 100 N813B
Sundak: a rust-resistant sunflower variety. Zimmer, D E *N Dak Farm Res* 30 (4): 10-11. Mar/Apr 1973

068773 100 N813B
Olaf: a short-strawed, high yielding hard red spring wheat variety. Frohberg, R C *N Dak Farm Res* 30 (4): 12-16. Mar/Apr 1973

068774 100 N813B
A flax production systems analysis. Hammond, J J *N Dak Farm Res* 30 (4): 17-22. Ref. Mar/Apr 1973

068775 100 N813B
Beacon & Nordic: barley varieties for North Dakota. Peterson, G A *N Dak Farm Res* 30 (4): 3-5. Mar/Apr 1973

068776 100 N813B
Very early seeding of wheat & barley. Hoag, B K *N Dak Farm Res* 30 (4): 32-34. Mar/Apr 1973

068777 100 N813B
Ward: a high yielding, strong-strawed durum variety. Quick, J S *N Dak Farm Res* 30 (4): 6-9. Mar/Apr 1973

068778 S539.G7N6
Grass & clover varieties. *N Scot Coll Agr Coll Leafl (n S)* 1, 11 P. Nov 1972

068779 HD1.N4
Preliminary observations on production of new high yielding rice varieties & traditional rice varieties in Suphan Buri, Thailand. Burton, W R *N Y State Coll Agric Dep Agric Econ Occas Pap* 52, 12 P. Ref. Feb 1972

068780 HD1.N4
Some aspects of suitability of high yielding rice & bajra varieties for small farm, Thanjavur & Mehsana districts, India. [Pearlmillet]. Schluter, M G G *N Y State Coll Agric Dep Agric Econ Occas Pap* 57, 19 P. Oct 1972

068781 442.8 N22
Effect of gazing on vegetation of Artemisia frigida pastures in Transbaikal region. (Rus) Savchenko, I V *Nauch Dokl Vyssh Shk, Biol Nauk* 2: 64-68. Ref. 1973

068782 100 N27O
Nebraska spring small grain variety tests, 1972. [Barley, oats, wheat]. Dreier, A F *Nebr Agr Exp Sta Outstate Test Circ* 151, 21 P. Map. Dec 1972

068783 100 N27O
Nebraska grain sorghum performance tests 1972. Dreier, A F *Nebr Agr Exp Sta Outstate Test Circ* 153, 39 P., Map. Feb 1973

068784 56.9 N472
Effect of grazing & burning on a mountain grassland, Snowy Mountains, New South Wales. Bryant, W G *New S Wales Soil Conserv Serv J* 29 (1): 29-44. Ref. Jan 1973

068785 464.4 N83
Better use of pastures. (Nor) Graffer, H *Norway Landbruksdep Opplysningstjenesten Smaskr* 11, 8 P. 1972

068786 64.8 N76
New possibility of increasing winter wheat yield by means of cultural practices. (Hun) Szirtes, V *Novenytermeles* 22 (1): 61-72. Ref. Eng. Sum. Mar 1973

068787 20.5 N86
Growing spring barley varieties designed for definite regions. (Pol) Ruszkowska, B *Nowe Roln* 22 (4): 3-5. Feb 16/28, 1973

068788 20.5 N86
Technique of growing new oats varieties. (Pol) Krol, M *Nowe Roln* 22 (4): 5-6. Feb 16/28, 1973

068789 20.5 N86
Effects of sparse sugar beet sowing with use of herbicides. (Pol) Krasucki, S *Nowe Roln* 22 (4): 7-9. Feb 16/28, 1973

068790 20.5 N86
Advantages of intensive cultivation of maize for silage. (Pol) Dubas, A *Nowe Roln* 22 (5): 23-25. Mar 1/15, 1973

068791 20.5 N86
Selected problems of seed production. [Field crops]. (Pol) Gajek, D *Nowe Roln* 22 (5): 6-8. Mar 1/15, 1973

068792 464.8 OC32
Desiccation & one-stage harvesting of red clover. (Pol) Szczuchniak, L *Ochrona Roslin* 16 (7): 6-8. July 1972

068793 100 OH32
Ohio crop & weather summary for 1971 & 1972. [Field crops]. Davis, J M *Ohio Agr Res Develop Cent Agron Dep Mimeogr Ser* 211, 35 P. Feb 1973

068794 100 OH3S (2)
Planting without plowing. [Corn]. *Ohio Agr Res Develop Center Res Bull* 1061: 15-16. 1972

068795 100 OH3S (2)
New crops for Ohio. [Field crops]. *Ohio Agr Res Develop Center Res Bull* 1061: 8-9. 1972

068796 100 OK4M
Bermudagrass performance test. [Cynodon dactylon]. Arnold, J D *Okla Agr Exp Sta Progr Rep P* 676: 19-20. Jan 1973

068797 S544.3.O5O5
WGF [wild game feed], a grain sorghum for game birds. Denman, C E *Okla State Univ Coop Ext Serv OSu Ext Facts* 2009, 2 P. Feb 1973

068798 S544.3.O5O5
Converting brush to tall fescue. [Festuca, culture]. Rommann, L M *Okla State Univ Coop Ext Serv OSu Ext Facts* 2563, 4 P. Mar 1973

068799 S544.3.O5O5
Controlled burning for range improvement. Rommann, L M *Okla State Univ Coop Ext Serv OSu Ext Facts* 2854, 2 P. Jan 1973

068800 77.8 OL2
Expansion of oil palm planting. (Fre) Hartley, C W S *Oleagineux* 28 (3): 115-122. Ref. Eng. Sum. Mar 1973

068801 8 P832J
Effect of harvesting sugarcane at 12, 14, & 16 months of age upon yields at Isabela, P.R. Alers-Alers, S *P R Univ J Agr* 57 (1): 1-8. Jan 1973

068802 72.8 P172
Effect of different sowing periods on yield of Sind Desi Cotton. Mithaiwala, I K *Pakistan Cottons* 17 (1): 16-19. Oct 1972

068803 25 P543
Effect of over-vegetation on rice production. [Yields]. Eugenio, T S *Philippine J Plant Indus* 35 (3/4): 127-143. Ref. 1970 (Pub. 1972)

068804 S590.P6
On pattern of laying out field experiments on slopes. [Oats]. (Bul) Shanin, I *Pochvozn Agrokhim* 7 (5): 117-126. Eng. Sum. 1972

068805 281.9 B87
Yields & behavior of winter wheat varieties in 1972. (Fre) Linais, B *Prod Agr Fr* 47 (121): 16-17. Dec 1972

068806 281.9 B87
Spring soil working & sowing. [Grain]. (Fre) Bodet, J M *Prod Agr Fr* 48 (122): 21-22. Jan 1973

068807 281.9 B87
Wheat varieties for late winter & spring sowing. (Fre) Linais, B *Prod Agr Fr* 48 (122): 27. Jan 1973

068808 281.9 B87
Culture of oleaginous flax. (Fre) Hermant, P *Prod Agr Fr* 49 (124): 23. Feb 2, 1973

068809 281.9 B87
Corn: lessons from 1972. (Fre) Soffietti, S *Prod Agr Fr* 49 (126): 16-17. Mar 1973

068810 281.9 B87
Forage corn: How to obtain a quality harvest? (Fre) Bloc, D *Prod Agr Fr* 49 (126): 21-22. Mar 1973

068811 281.9 B87
Utilization of permanent meadows. (Fre) Plancquaert, P *Prod Agr Fr* 49 (126): 27. Mar 1973

068812 281.9 B87
Culture of spring rape. (Fre) Rollier, M *Prod Agr Fr* 49 (126): 29. Mar 1973

068813 23 Q33
Peanut growing. 3. Saint-Smith, J H *Queensland Agr J* 98 (12): 639-644. Dec 1972

068814 23 Q33
Bushel weight of sorghum grain. Wagner, V J *Queensland Agr J* 99 (1): 34-35. Jan 1973

068815 64.8 R18
Studies on yields & chemical composition of certain winter legumes & cereals & on their influence upon poststuble corps. (Bul) Khristov, A *Rastenievud Nauk* 9 (9): 119-129. Ref. Eng. Sum. 1972

068816 64.8 R18
Agrobiological & chemico-technological studies on certain Yugoslav, Bulgarian & other soft wheat varieties (Triticium aestivum L.) under conditions in Sofia & Plovdiv areas. (Bul) Pavlov, P A *Rastenievud Nauk* 9 (9): 21-29. Eng. Sum. 1972

068817 S544.3.M6M6
Irrigated pasture management. Baldridge, D E Agricultural Experiment Station *Res Rep Mont Agric Exp Stn Mont State Univ* 37: 3.1-3.4. 1973

068818 100 OK4M
Oklahoma cotton variety tests, 1972. Samayoa A, E *Res Rep P Agric Exp Stn Okla State Univ* 680, 13 P. Mar 1973

068819 24 R323
General recommendations for cotton culture. (Por) Pereira Carvalho, P *Rev Agr (mocambique)* 15 (152): 35-36. Nov 1972

068820 24 R323
Sorghum almum, a perennial sorghum. (Por) Salgueiro, T A *Rev Agr (mocambique)* 15 (152): 39. Nov 1972

068821 24 R323
More pasture, more cattle, more meat; better pastures, better meat. (Por) Costa F, M da *Rev Agr (mocambique)* 15 (153): 25-26. Dec 1972

068822 41.8 R3262
Study on different methods of implantation of Stylosanthes gracilis. (Fre) Granier, P *Rev Elevage Med Vet Pays Trop* 25 (4): 569-576. Ref. Eng. Sum. 1972

068823 343 R32
Soil structure & corn yield in pampa region. (Spa) Tallarico, L A *Rev Invest Agropecuar Ser 3 Clima Suelo* 9 (3): 79-88. Ref. Eng. Sum. 1972

068824 S5.R4
Autumn seeding of Svenno spring wheat. (Fre) Vez, A *Rev Suisse Agric* 5 (1): 8-12. Jan/Feb 1973

068825 64.9 C33
Effect of gradually increased rates of nitrogen on sugar-beet yield & nutrient uptake. (Cze) Strnad, P *Rostlinna Vyroba* 18 (12): 1275-1282. Ref. Eng. Sum. Dec 1972

068826 64.9 C33
Barley & spring mixture with lucerne undercrop sown by stages. (Cze) Beran, V *Rostlinna Vyroba* 18 (12): 1291-1298. Ref. Eng. Sum. Dec 1972

068827 64.9 C33
Effect of different degrees of soil compacting on yield & technological value of winter wheat on chernozem soils. II. (Cze) Dudas, F *Rostlinna Vyroba* 18 (12): 1299-1309. Eng. Sum. Dec 1972

068828 515 SO84
Research relating to management of South African grass land exosystems. Grunow, J O *S Afr J Sci* 69 (2): 54-56. Ref. Feb 1973

068829 65.8 SO83
Role of introduced varieties in South African sugar industry. Brett, P G C *S Afr Sugar Year Book* 42: 20-21. 1971/72

068830 275.249 SO8
Cereal variety recommendations for 1973. Marshall, B J *S Aust Dep Agr Ext Bull* Heard, T G 1972

068831 S13.S55
Cereal grass culture in Buryat-Mongolia. (Rus) Ostanin, A M *Sib Vestn S-kh Nauk* 6: 19-23. Nov/Dec 1972

068832 S13.S55
Planting dates & planting density of sunflowers grown for silage in Western Siberia. (Rus) Gerasenkov, B I *Sib Vestn S-kh Nauk* 6: 27031. Nov/Dec 1972

068833 9.2 SO4
Effect of summer & winter irrigation on productivity of Napier elephantgrass (Pennisetum purpureum Schum). (Por) Ghelfi Filho, H *Solo* 64 (2): 73-79. Eng. Sum. Nov 1972

068834 56.8 SO4
Studies on crop physiology & cultural practices of Urena lobata L. for fibre production in Sierra Leone. II. Cultural practices. [Cadillo]. Das Gupta, D K *Sols Afr* 18 (1): 33-46. Jan/Apr 1973

068835 60.19 B772
Trials of fescue & bent cultivars, 1971-2. [Festuca, Agrostis]. Shildrick, J P *Sports Turf Res Inst J* 48: 44-101. Ref. 1972 (Pub. 1973)

068836 61.9 SV23
75th anniversary of Ultuna Branch Station of Swedish Seed Association. (Swe) Hagberg, A *Sveriges Utsadesforen Tidskr* 82 (6): 285-287. 1972

068837 61.9 SV23
Ultuna Branch Station of Swedish Seed Association, 1918/1943. (Swe) Torssell, R *Sveriges Utsadesforen Tidskr* 82 (6): 288-299. Eng. Sum. 1972

068838 61.9 SV23
Data from Ultuna Branch Station of Swedish Seed Association during period 1944/1952. (Swe) Akerberg, E *Sveriges Utsadesforen Tidskr* 82 (6): 300-308. Eng. Sum. 1972

068839 61.9 SV23
Reko red clover – results of plant breeding activities in Orebor County. (Swe) Bingefors, S *Sveriges Utsadesforen Tidskr* 82 (6): 309-319. Eng. Sum. 1972

068840 61.9 SV23
Breeding of peas today. (Swe) Bingefors, S *Sveriges Utsadesforen Tidskr* 82 (6): 344-358. Eng. Sum. 1972

068841 61.9 SV23
Published papers from Ultuna Branch Station of Swedish Seed Association, 1897/1972. (Swe) Bingefors, S *Sveriges Utsadesforen Tidskr* 82 (6): 368-378. Ref. Eng. Sum. 1972

068842 107.6 T134
On a new variety 'inaba-wase' of rice plant. (Jap) Samoto, S *Takada Hokuriku Agr Exp Sta Bull* 15: 1-25. Eng. Sum. Mar 1973

068843 100 T31M
Corn performance tests in Texas – 1972. Walker, H J *Tex Agr Exp Sta Mp-* 1074, 64 P., Map. Jan 1973

068844 100 T31P
Influence of planting date on guar production in Rolling Plains of Texas. Rogers, C E *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3163, 7 P. Feb 1973

068845 451 R92
Effect of harvesting dates for winter wheat variety Bezostaia 1 on yield quality of seeds. (Rus) Sechniak, L K *Tr Prikladnoi Bot Genet Selek* 47 (2): 102-106. 1972

068846 QK1.I52
Monograph of crops of Cambodia. (Fre) *Trav Sect Sci Tech, Inst Fr Pondichery* 4 (3): 80 P. 1972

068847 26 T754
Effects of heights of cutting after grazing on yield, quality & utilization of Cynodon IB.8 pasture in southern Nigeria. Chheda, H R *Trop Agr (st Augustine)* 50 (2): 113-119. Ref. Apr 1973

068848 SB111.A2T72
Working practice in cotton growing at small-holder farms in north of Ivory Coast. (Ger) Justen, A *Tropenlandwirt* 73: 136-157. Oct 1972

068849 A99.9 F7632U
Interpretation of trend in range condition from 3-step data. [Management]. Reppert, J N *U S Forest Serv Res Pap Rm* 103, 15 P. Ref. Mar 1973

068850 S17.U4
Crop production. Jerman, J *Ulimo Nemfuyo* 8(4): 5-9. Dec 1972

068851 S542.R6U5
Fixing period of tilling ground & soil fertilization with maize in crop rotation of wheat-maize. (Rum) Stratula, V *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 175-184. Eng. Sum. 1971 (Pub. 1972)

068852 S542.R6U5
Study of some varieties of soybean. (Rum) Glavan, P *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 239-246. Eng. Sum. 1971 (Pub. 1972)

068853 S542.R6U5
Study of some fodder features of Symphytum officinale. (Rum) Popescu, I I *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 247-251. Eng. Sum. 1971 (Pub. 1972)

068854 11 UP62
Comparison of red clover & alsike clover in leys in northern Sweden. (Swe) Stecko, V *Uppsala Lantbrukshogsk Medd Ser A* 186, 29 P. Ref. Eng. Sum. 1973

068855 S543.V5V5
Rotations for no-tillage corn in Virginia. Moschler, W W *Va Polytech Inst Res Div Res Rep* 147, 13 P. Mar 1973

068856 20 AK16
Stubble crops of spring wheat. (Rus) Ivanov, V T *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 23-25. Jan 1973

068857 20 AK16
Effect of planting dates on yield capacity of rice in Kzyl-Orda Region. (Rus) Amandykov, A A *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 35-38. Jan 1973

068858 20 AK16
Certain biological features & economic traits of varietal alfalfa collection under cultivation in foothill area of Alma-Ata Region. (Rus) Aubakirov, K *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 38-43. Jan 1973

068859 20 AK16
Cultural methods for Sorghum vulgare sudanense in dry farming in Alma-Ata Region. (Rus) Dzhumagulov, B A *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 43-47. Jan 1973

068860 20 AK16
Means of increasing stable harvest in hay in lagoon areas. (Rus) Murzagalieva, B B *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 86-89. Jan 1973

068861 20 AK16
On improving floodplain meadows in weastern Kazakhstan. (Rus) Kim, F N *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 90-91. Jan 1973

068862 20 AK16
Comparative testing of productivity of perennial grasses & their mixes in accelerated meadow development of floodplains. (Rus) Kim, F N *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 60-64. Feb 1973

068863 442.8 M66
Culture of lupine for feed & its alkaloid content. (Bel) Miranenka, A V *Vestsi Akad Navuk BSSR, Ser Biial Navuk* 1: 17-21. Ref. 1973

068864 20 M66
After harvest planting of forage plants in central Belorussia. (Bel) Nikanchyk, P I *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 1: 68-71. 1973

068865 105.9 V675
Relations between yield & quality of sugar beets & characters of an extended soil analysis. (Ger) Muller, H J *Vienna Bundesanst Pflanzenbau Samenprufung Jahrb* P. 130-160. Map. Ref. Eng. Sum 1972

068866 20 V82
Corn yield & quality in crop rotations with high saturation of legume crops. (Ukr) Zubenko, V F *Visnyk Sil's'kohospodar Nauk* 1: 51-59. Jan 1973

068867 20 V82
Productivity of field crop rotations in forest-steppe area of Dnieper River left bank. (Ukr) Raiko, O P *Visnyk Sil's'kohospodar Nauk* 2: 44-49. Feb 1973

068868 20 V82
Effect of stand density on sugar beet yield. (Ukr) Slobodian, S M *Visnyk Sil's'kohospodar Nauk* 2: 53-56. Feb 1973

068869 20 V82
Location of sugar beet roots relative to surface of soil in connection with mechanical thinning. (Ukr) Zuiev, M M *Visnyk Sil's'kohospodar Nauk* 3: 22-29. 1973

068870 20 V82
Agrotechnical significance of crops preceding winter wheat in irrigation of southern steppes of Ukraine. (Ukr) Ivanov, V K *Visnyk Sil's'kohospodar Nauk* 3: 33-37. 1973

068871 SB199.A1V9
Results of experiments during 1963-1968 in improvement of grass swards, type Nardetum strictae, in Czechoslovakia. (Slo) Tomka, O *Vysk Ustav Luk Pasienkov Ved Pr* 7: 17-42. Ref. 1972

068872 SB199.A1V9
Results in improvement of grass swards, type Nardetum strictae, by manuring & addition of clover & grass mixtures. (Slo) Habovstiak, J *Vysk Ustav Luk Pasienkov Ved Pr* 7: 43-57. Ref. 1972

068873 SB199.A1V9
Research on increasing yields of neglected mid-forest grass swards by tillage, fertilization, & use. (Slo) Schmauder, G *Vysk Ustav Luk Pasienkov Ved Pr* 7: 83-107. 1972

068874 SB199.A1V9
Effect of botanical composition on utilization of pasture mixtures. [Grasses]. (Cze) Vahala, Z *Vysk Ustav Luk Pasienkov Ved Pr* 8: 83-96. Eng. Sum. 1972

068875 S13.V9
Effect of differentiated manuring, cultivating & number of mowings on crop of red clover. (Slo) Turcany, J *Vysk Ustav Rast Vyroby Ved Pr* 10: 145-154. Ref. Eng. Sum. 1972

068876 S13.V9
Results of experiments aimed at synthesis of factors of agrotechnique of lucerne grown for seeds. (Slo) Sevecka, L *Vysk Ustav Rast Vyroby Ved Pr* 10: 155-166. Ref. Eng. Sum. 1972

068877 S13.V9
Influence of sowing time on green-matter production of sainfoin (Onobrychis viciaefolia ssp. sativa (Lam.) Thall.). (Slo) Zatko, J *Vysk Ustav Rast Vyroby Ved Pr* 10: 177-185. Ref. Eng. Sum. 1972

068878 S13.V9
Contribution to winter barley agrotechnique. (Slo) Baxa, F *Vysk Ustav Rast Vyroby Ved Pr* 10: 197-209. Ref. Eng. Sum. 1972

068879 S13.V9
Study of selected varieties & improved lines of garden pea & field pea from viewpoint of fodder crop. (Slo) Sestrienka, A *Vysk Ustav Rast Vyroby Ved Pr* 10: 45-54. Ref. Eng. Sum. 1972

068880 S13.V9
Yields of selected & improved varieties of garden pea nd field pea at summer sowing. (Slo) Sestrienka, A *Vysk Ustav Rast Vyroby Ved Pr* 10: 55-61. Eng. Sum. 1972

068881 S13.V9
Yields of varieties & new improved lines of garden an field pea at sowing into stubble. (Slo) Sestrienka, A *Vysk Ustav Rast Vyroby Ved Pr* 10: 63-67. Eng. Sum. 1972

068882 275.29 W27C
Vanguard barley. [Varieties]. Morrison, K J *Wash State Univ Ext Ext Circ* 385, 4 P. Dec 1972

068883 281.8 Z32
Irrigation & incipient commercialization in western Laos. [Rice production]. Coward, E W *Z Auslandische Landwirt* 11 (3/4): 289-300. Ref. July/Dec 1972

068884 20 Z44
Improving natural meadows. [Forage plants]. (Rus) Shatilov, I *Zemledelie* 2: 38-41. Jan 1973

068885 20 Z44
Improving pastures on slopes. (Rus) Vasiuk, A *Zemledelie* 2: 66-67. Jan 1973

068886 20.5 Z5
Effect of simplified crop rotation on crop productivity. (Pol) Niewiadomski, W *Zeszyty Probl Postepow Nauk Roln* 137: 101-109. Ref. 1972

068887 20.5 Z5
Comparison of three tests using four-crop rotation on slopes with light soils (in light of twelve years study). (Pol) Niewiadomski, W *Zeszyty Probl Postepow Nauk Roln* 137: 111-120. 1972

068888 20.5 Z5
Effect of different predecessors in a crop rotating unit on light soils. (Pol) Laskowski, S *Zeszyty Probl Postepow Nauk Roln* 137: 121-128. 1972

068889 20.5 Z5
Effect of simplified growing of rye in monoculture on properties of light soils. (Pol) Fablonski, B *Zeszyty Probl Postepow Nauk Roln* 137: 129-137. 1972

068890 20.5 Z5
Effect of crop rotation & monoculture on fertility of light soils. (Pol) Bender, F *Zeszyty Probl Postepow Nauk Roln* 137: 139-153. Ref. 1972

068891 20.5 Z5
Effect of crop rotation with different degrees of intensity on some physical properties of light soil. (Pol) Krezel, R *Zeszyty Probl Postepow Nauk Roln* 137: 155-160. 1972

068892 20.5 Z5
Effect of 10 year influence of four crop rotation with different degrees of intensity on chemical properties of light soil. (Pol) Miklaszewski, S *Zeszyty Probl Postepow Nauk Roln* 137: 161-168. 1972

068893 20.5 Z5
Crop dynamics & profitable grain cultivation in light soils in Wroclaw Region. (Pol) Gonet, Z *Zeszyty Probl Postepow Nauk Roln* 137: 175-192. 1972

068894 20.5 Z5
Dynamics of moisture in sandy soils under catch crop culture in crop rotation unit. (Pol) Laskowski, S *Zeszyty Probl Postepow Nauk Roln* 137: 195-203. 1972

068895 20.5 Z5
Effect of after-harvest soil tillage & catch crops on some properties of light soils & yields of crop rotation unit. (Pol) Laskowski, S *Zeszyty Probl Postepow Nauk Roln* 137: 205-213. 1972

068896 20.5 Z5
Effect of inter cropping on some sandy soil fertility indicator & crop yields in a crop rotation unit. (Pol) Kurnatowska, A *Zeszyty Probl Postepow Nauk Roln* 137: 215-220. 1972

068897 20.5 Z5
Effect of different fertilizers on yields of plants in crop rotation on sandy soils. (Ger) Antal, J *Zeszyty Probl Postepow Nauk Roln* 137: 223-233. 1972

068898 20.5 Z5
Cultivation of European yellow lupine seeds on light soil. (Rus) Buzmakow, W W *Zeszyty Probl Postepow Nauk Roln* 137: 243-252. 1972

068899 20.5 Z5
Crop rotation farming & dynamics of nutritional substances in light soils. (Pol) Miron, V *Zeszyty Probl Postepow Nauk Roln* 137: 295-298. 1972

068900 20.5 Z5
Studies on simplified soil tillage. II. Effect of crop rotation on physical properties of soil. (Pol) Swietochowski, B *Zeszyty Probl Postepow Nauk Roln* 137: 319-325. 1972

068901 20.5 Z5
Effect of method of soil tillage & fertilizers in crop rotation on dynamics of moisture in sandy soil under rye culture. (Pol) Nawrocki, S *Zeszyty Probl Postepow Nauk Roln* 137: 327-333. 1972

068902 20.5 Z5
Reaction of plants growing on loose clay sand to deep tillage and increased amount of organic fertilizers. (Pol) Nawrocki, S *Zeszyty Probl Postepow Nauk Roln* 137: 335-342. 1972

068903 20.5 Z5
Effect of different depth of manure application & irrigation on plant yields & some soil properties. I. Effect on crop yields. (Pol) Zimniak, Z *Zeszyty Probl Postepow Nauk Roln* 137: 343-359. 1972

068904 20.5 Z5
Problems of forage production in farms with sandy soils. (Ger) Simon, W *Zeszyty Probl Postepow Nauk Roln* 137: 35-45. 1972

068905 20.5 Z5
Effect of reduced soil tillage in a three year period of crop rotation on crop yields & some properties of light soil. (Pol) Jablonski, B *Zeszyty Probl Postepow Nauk Roln* 137: 373-382. 1972

068906 20.5 Z5
Effect of simplified cultural measures on yields of forage carrots. (Pol) Krezel, R *Zeszyty Probl Postepow Nauk Roln* 137: 383-389. 1972

068907 20.5 Z5
Effect of crop rotation with differentiated quantity of agricultural forage crops on brown sandy soil fertility indicator. (Ger) Smukalski, M *Zeszyty Probl Postepow Nauk Roln* 137: 47-55. 1972

068908 20.5 Z5
Test results with crop rotation on different types of soil i n Rumania. (Rus) Sin, G *Zeszyty Probl Postepow Nauk Roln* 137: 57-66. 1972

068909 20.5 Z5
Yield formation of various cultivated plants growing on light soils under influence of crop rotation. (Ger) Rosche, I *Zeszyty Probl Postepow Nauk Roln* 137: 67-78. 1973

068910 20.5 Z5
Effect of rainfall quantity & distribution on crop yields in crop rotated light soils. (Pol) Nawrocki, S *Zeszyty Probl Postepow Nauk Roln* 137: 93-99. 1972

068911 65.8 Z82
Mechanical beet harvesting in Federal Republic of Germany with regard to further development. (Ger) Kesten, E *Zucker* 26 (3): 145-152. Mar 1973

HORICULTURAL CROPS — CULTURE

068912 19 AC8
Effect of population density on yield & other agricultural characteristics of kidney beans with voluble & shrubby growth. (Spa) Agudelo D, O *Acta Agron (Budapest)* 22 (2): 39-50. Ref. Eng. Sum. 1972

068913 280.8 AG82
Fruit culture research & testing in Austria. (Ger) Strass, E *Agr Rundsch* 3: 19-20. June 1972

068914 280.8 AG82
Some aspects of viticultural research in Austria. (Ger) Ruckenbauer, W *Agr Rundsch* 3: 21-22. June 1972

068915 280.8 AG82
Research & possibilities of development of Austrian vegetable culture. (Ger) Storchschnabel, G *Agr Rundsch* 4: 26-27. Aug 1972

068916 1 EC7AG
Computerized citrus. [Yields, microdensitometer]. *Agr Situation (Washington)* 57 (4): 10. May 1973

068917 16 AG87
New aspects of pruning in fruit trees. (Ita) Mazzini, C *Agric Ferrarese* 76 (11/12): 129-138. Nov/Dec 1972

068918 22.5 N682
Operation systematization of fruit culture & its future courses. 1. (Jap) Takenaka, K *Agric Hortic* 48 (4): 1-5. Apr 1973

068919 22.5 N682
Production techniques on garden plants. 8. Propagation of ornamental plant cuttings by nutrient mist. (Jap) Funakoshi, K *Agric Hortic* 48 (4): 121-125. Ref. Apr 1973

068920 22.5 N682
Survey of outstanding citrus orchards. 4. (Jap) Takahashi, I *Agric Hortic* 48 (4): 33-37. Apr 1973

068921 22.5 N682
Late-varieties of Satsuma orange. (Jap) Tanaka, T *Agric Hortic* 48 (4): 43-44. Apr 1973

068922 22.5 N682
Present status & basic direction of technical development of mandarin orange in Kyushu. 1. (Jap) Muramatsu, H *Agric Hortic* 48 (4): 49-53. Apr 1973

068923 22.5 N682
Greenhouse culture of grapes. 2. [Protective structure]. (Jap) Oono, T *Agric Hortic* 48 (4): 54-60. Apr 1973

068924 22.5 N682
Effect of rice straw application on greenhouse culture of cucumbers. (Jap) Suzuki, K *Agric Hortic* 48 (4): 73-76. Apr 1973

068925 22.5 N682
Lilium bulb production & cultivation. 1. (Jap) Yoshida, T *Agric Hortic* 48 (4): 88-92. Apr 1973

068926 256.13 AG82M
Production of soup vegetables. Cochrane, H S C *Agric North Irel* 47 (10): 363-366. Feb 1973

068927 256.13 AG82M
Propagation of potatoes from stem cuttings. Calvert, E L *Agric North Irel* 47 (11): 394-396. Mar 1973

068928 256.13 AG82M
Management of young orchards up to six years old. Conway, T J *Agric North Irel* 47 (11): 400-403. Mar 1973

068929 97.31 AM32
Disappearing varieties. [Camellia]. Fendig, A *Amer Camellia Yearbook* P. 184-187. 1973

068930 97.31 AM32
Espalier – another dimension in camellia use & application. Anderson, I B *Amer Camellia Yearbook* P. 30-32. 1973

068931 97.31 AM32
A note on disbudding camellias. Wilson, W F *Amer Camellia Yearbook* P. 39-41. 1973

068932 97.31 AM32
Growing camellias out of doors in southern Connecticut. Warner, D C *Amer Camellia Yearbook* P. 41-44 1973

068933 97.31 AM32
A challenge to expert camellia researchers. Sewell, J N *Amer Camellia Yearbook* P. 44-49. 1973

068934 97.31 AM32
Some further comment on Camellia reticulata: Waterhouse lecture, 1972. Durrant, C T *Amer Camellia Yearbook* P. 75-90. 1973

068935 97.31 AM32
A point scale for judging seedlings. [Camellia]. Feathers, D L *Amer Camellia Yearbook* P. 90-93. 1973

068936 97.31 AM32
World of minatures. [Camellia]. Pieri, E *Amer Camellia Yearbook* P. 97-104. 1973

068937 80 AM371
Dwarf conifers: landscaper's boon. Munson, R H *Amer Nurseryman* 137 (10): 10-11, 55. May 15, 1973

068938 80 AM329
God bless dew & rain water. [Orchids, culture]. Lindsten, C S *Amer Orchid Soc Bull* 42 (1): 53-55. Jan 1973

068939 80 AM329
An account of moth orchids: ascendancy of white phalaenopsis. Vaughn, L *Amer Orchid Soc Bull* 42 (3): 231-237. Mar 1973

068940 80 AM329
Classics of orchid literature. 2. Select orchidaceous plants. Duveen, D I *Amer Orchid Soc Bull* 42 (3): 244-246. Mar 1973

068941 75.8 P842
Production of certified seed potatoes by varieties 1971 – 1972. Turnquist, O C *Amer Potato J* 50 (2): 62-67. Feb 1973

068942 81 SO12
Propagation of asparagus through shoot apex culture. II. Light & temperature requirements, transplantability of plants, & cyto-histological characteristics. Hasegawa, P M *Amer Soc Hort Sci J* 98 (2): 143-148. Mar 1973

068943 81 SO12
Effect of water table depth on yield of cabbage, squash, & tendergreen. Williamson, R E *Amer Soc Hort Sci J* 98 (2): 207-209. Mar 1973

068944 80 C733
Peppers flourish on foil. Smith, N J *Amer Veg Grower* 21 (4): 13-14. Apr 1973

068945 96.1 AM5
Paths in garden. (Fre) Arnaudon, P *Amis Roses* Special No. 312 (4): 15-17. Fourth Quarter 1972

068946 506 SP12
Interest of microclimates in citrus planinc on Spanish south east. (Spa) Ortuno, A *An Edafol Agrobiol* 31 (11/12): 881-891. Map. Eng. Sum. Nov/Dec 1972

068947 14 F8499A
Cultivation of radish under artificial conditions. (Fre) Chesneaux, M T *Ann Amelior Plantes* 22 (3): 321-326. Eng. Sum. 1972

068948 QK1.A45
Registration of cultivar names what it is & what it should be. DeWolf, G P *Arbor Bot Gard Bull* 7 (2): 40-46. Apr 1973

068949 QK1.A45
Plant registration. Hebb, R S *Arbor Bot Gard Bull* 7 (2): 47-54. Apr 1973

068950 80 AR2
Determining optimal batch sizes in ornamental plant production. (Ger) Willkomm, H D *Arch Gartenbau* 21 (2): 139-147. 1973

068951 80 AR2
Studies on organization of dessert apple harvesting, transport & preparation along industrial lines. (Ger) Messner, A *Arch Gartenbau* 21 (2): 99-124. Ref. Eng. Sum. 1973

068952 100 AR42F
Growing snap beans in narrow rows. Tompkins, D R *Ark Farm Res* 22 (2): 15. Mar/Apr 1973

068953 100 AR42F
Slicer cucumber performance in Arkansas River Valley, 1968 – 1971. Bowers, J L *Ark Farm Res* 22 (2): 16. Mar/Apr 1973

068954 15 B632
Huilqui & Loica: New tomato varieties. (Spa) Calvar, D J *Bol Agro-pecuar* 87: 3-4. 1972

068955 450 C16
Fruit yields & quality in early years of a grape-spacing trial. Wiebe, J *Can J Plant Sci* 53 (1): 153-156. Jan 1973

068956 450 C16
Tunnel covers & mulches for muskmelon production. Wiebe, J *Can J Plant Sci* 53 (1): 157-160. Ref. Jan 1973

068957 80 C352
Culture method for Pleurotus florida FovoSe. (Ger) Zadrazil, F *Champignon* 139: 3-4. Mar 1973

068958 87 M42
Mechanism of chemical thinning in Satsuma orange. III. relation of fruit thinning effect of Naphthaleneacetic acid application to shoot conditions & carbon/nitrogen ratio of leaves. (Jap) Noma, Y *Chiba Univ Fac Hort Tech Bull* 20: 19-24. Eng. Sum. Dec 1972

068959 87 M42
Research on wind protection equipment for fruit tree. 2. Wind measuring apparatus for citrus culture in Atagawa Orchard. (Jap) Nakahara, M *Chiba Univ Fac Hort Tech Bull* 20: 93-98. Dec 1972

068960 80 C495
Irrifation & fertilization of mangos. (Afr) Plessis, S F du *Citrus Grow Sub-trop Fruit J* 471: 4-7. Mar 1973

068961 80 C49
Citrus harvest results with air shaker concept. Whitney, J D *Citrus Indus* 54 (5): 16-19, 26. May 1973

068962 275.29 SO8E
Home gardens for Piedmont South Carolina. Ezell, D O *Clemson Univ Ext Circ* 389 (Rev), 6 P. Mar 1973

068963 77.9 IN292
Economics of recommended management practices for coconut. [India]. Thampan, P K *Coconut Bull* 3 (8): 2-11. Dec 1972

068964 SB23.C6A3
Annotated bibliography on processing varieties of peas, beans (Phaseolus), brussels sprouts & spinach, 1966 – 1971. *Commonw Bur Hortic Plant Crops Query File* 6028 (s), 4 P. Jan 1973

068965 SB23.C6A3
Annotated bibliography on Camellia spp. (omitting breeding & genetics) 1965 – 1972. *Commonw Bur Hortic Plant Crops Query File* 6036(s), 5 P. Jan 1973

068966 SB23.C6A3
Annotated bibliography on mango propagation, 1965 – 1971. *Commonw Bur Hortic Plant Crops Query File* 6037 (s), 3 P. Feb 1973

068967 80 C83
Water garden under glass. Clapham, S *Country Life (london)* 153 (3955): 974-975. Apr 12, 1973

068968 80 C83
Making room for clematis. Lloyd, C *Country Life (london)* 153 (3956): 1058-1059. Apr 19, 1973

068969 QK1.H32
1970-71 irish potato cultivar trials. Sekioka, T T *Dep Pap Coll Trop Agric Hawaii Agric Exp Stn Univ Hawaii* 4, 20 P. Mar 1973

068970 389.8 D482
Potato quality as research goal of culture. (Ger) Bommer, D *Deut Lebensmittelrundsch* 69 (1): 49-54. Ref. Jan 1973

068971 10 EX72
Field trials with Canadian Wonder beans in Malawi. Spurling, A T *Exp Agr* 9 (2): 97-105. Ref. Apr 1973

068972 80 EX7
Spring cabbage variety trials in West Cornwall. Chrimes, J R *Exp Hort* 24: 1-8. 1972

068973 80 EX7
Apple rootstock studies: fifteen years' growth & cropping on twelve clones at Luddington. Preston, A P *Exp Hort* 24: 19-24. Ref. 1972

068974 80 EX7
Effects of soil management & NPK [Nitrogen, phosphorus, potassium] fertilisers on tree growth, yield & leaf-nutrient composition of dessert apples. Bould, C *Exp Hort* 24: 25-36. 1972

068975 80 EX7
Soil & bush management studies on gooseberries. Hughes, H M *Exp Hort* 24: 43-49. 1972

068976 80 EX7
Experiments on defoliation of two strawberry cultivars at three centres. Hughes, H M *Exp Hort* 24: 50-56. 1972

068977 80 EX7
Brussels sprouts: estimated optimum plant population & effect of stopping for single-pick harvesting. Fisher, N M *Exp Hort* 24: 83-92. 1972

068978 80 EX7
Ventilating continuous polythene tunnels for early strawberries. Hughes, H M *Exp Hort* 240 57-67. 1972

068979 58.8 K55
Mechanization for fruit culture. 1. New techniques in mandarin oragne growing. (Jap) Takamoto, S *Farm Mech* 2: 23-30. Feb 1973

068980 58.8 K55
Mechanization for fruit culture. 2. Progress of self-propelled table for harvesting fruits. (Jap) Hirata, K *Farm Mech* 2: 31-34. Feb 1973

068981 58.8 K55
Relation between tree shapes of mandarin orange & improvement of citrus orchard. (Jap) Yakushiji, S *Farm Mech* 2: 63-65. Feb 1973

068982 S19.F37
Growing tree potato in kitchen garden. Singh, A K *Farmer Parliament* 7 (12): 23. Dec 1972

068983 24 SO842
Plant bananas where temperature is right. Kuhne, F A *Farming S Afr* 48 (11): 25-28. Feb 1973

068984 23 F2223
A study of extent of adoption of improved practices in respect of chilli cultivation. Aswathaiah, B *Farming* 13 (10): 20-24. Aug 1972

068985 18 W763
Conclusions from XIth Farmers Congress of German Democratic Republic for stepwise introduction of industrialised methods in field vegetable production on road towards interfarm cooperation. (Ger) Schroder, O *Feldwirtschaft* 13 (12): 538-540. 1972

068986 18 W763
Complex interaction between yield factors essential to field vegetable production. (Ger) Frohlich, H *Feldwirtschaft* 13 (12): 547-549. 1972

068987 18 W763
Industrialised production of carrots for juice extraction by the Training and Experimental Farm of Grossbeeren. (Ger) Vogel, F *Feldwirtschaft* 13 (12): 559-561. 1972

068988 18 W763
New preparation methods for industrialised patterns of field vegetable production. (Ger) Voss, R *Feldwirtschaft* 13 (12): 561-563. 1972

068989 18 W763
How to achieve high yield & good quality of food potatoes. (Ger) Aberth, J *Feldwirtschaft* 14 (1): 24-25. Jan 1973

068990 275.29 F66C
Geraniums in Florida. [Pelargonium hortorum, culture]. Conover, C A *Fla Univ Ext Circ* 381, 6 P. Mar 1973

068991 275.29 F66C
African violets. [Saintpaulia, culture]. Conover, C A *Fla Univ Ext Circ* 382. 6 P. Mar 1973

068992 80 W41
A comparison of two sources of vermiculite for soilless media culture from four poinsettia cultivars. [Euphorbia pulcherrima]. Campbell, F J *Florists' Rev* 152 (3927): 23-24, 62-65. Mar 8, 1973

068993 97.31 Am32
American camellia yearbook, 1973. Pyron, J H *Fort Valley, Georgia* 314 P. 1973

068994 14 F844B
An example of enhancement of peat land: Hydro-agricultural management of marsh lands of Pointe-Noire to develop market crop culture. (Fre) David, M *France Min Agr Bull Tech Inform* 277: 117-134. Map. Feb 1973

068995 14 F844B
Market crops on peat in tropical countries. (Fre) Amadieu, J *France Min Agr Bull Tech Inform* 277: 135-148. Map. Feb 1973

068996 80 F9464
'cherokee' & 'Pocahontas' new red raspberry introductions from V.P.I. [Virginia Polytechnic Institute]. Oberle, G D *Fruit Var Hort Dig* 27 (1): 10-11. Jan 1973

068997 80 F9464
'lakemont', 'Suffolk Red' & 'Cayuga White' new grapes from New York. Einset, J *Fruit Var Hort Dig* 27 (1): 12-15. Jan 1973

068998 80 F9464
American persimmon, on emerging horticultural crop. McDaniel, J C *Fruit Var Hort Dig* 27 (1): 16-18. Jan 1973

068999 80 F9464
Everbearing strawberry cultivars in Illinois. Zych, C C *Fruit Var Hort Dig* 27 (1): 19. Jan 1973

069000 80 F9464
Characteristics of apple variety: 'Egri Piros'. Kovacs, S *Fruit Var Hort Dig* 27 (1): 21. Jan 1973

069001 80 F9464
Summer & early fall apple varieties. Way, R D *Fruit Var Hort Dig* 27 (1): 6-9. Jan 1973

069002 80 F9464
Apple variety evaluation – a never ending challenge. Ballard, J *Fruit Var Hort Dig* 27 (2): 30-32. Apr 1973

069003 80 F9464
Fall bearing red raspberries. Ourecky, D K *Fruit Var Hort Dig* 27 (2): 35-38. Apr 1973

069004 80 F9464
'rainier', a dual purpose strawberry cultivar for Pacific Northwest. Barritt, B H *Fruit Var Hort Dig* 27 (2): 39-43. Apr 1973

069005 80 F9464
Sucessful apple growing in tropical Indonesia. Saure, M *Fruit Var Hort Dig* 27 (2): 44-45. Apr 1973

069006 80 F948
Preliminary report on table grape varieties in Victoria. Cirami, R M *Fruit World Market Grower* 74 (2): 13. Feb 1973

069007 80 F948
Planning citrus orchards for tomorrow. [Culture]. *Fruit World Market Grower* 74 (2): 23-25. Feb 1973

069008 96.532 F95
Cultivar registrations. [Fuchsia]. Wieler, E E *Fuchsia Annu* 35: 14-15. Feb 1973

069009 96.532 F95
Pinching out. [Fuchsia]. Travis, S *Fuchsia Annu* 35: 19-21. Feb 1973

069010 96.532 F95
Fuchsias on farm or one thing leads to another. Grainger, P E *Fuchsia Annu* 35: 26-30. Feb 1973

069011 96.532 F95
Species Fuchsias. Goulding, E J *Fuchsia Annu* 35: 34. Feb 1973

069012 275.29 G29C
Choosing the right hybrid bermudagrass. [Cynodon dactylon. Jackson, J E University Cooperative Extension Service *Ga Univ Ext Circ* 650, 8 P. Mar 1973

069013 275.29 G29L
Chinch bug control on lawns. [Blissus leucopterus insularis]. Coleman, V R University Cooperative Extension Service *Ga Univ Ext Leafl* 20 (Rev), 2 P. Mar 1973

069014 80 G1948
Making better use of experience & techno-scientific progress of Soviet Union. (Ger) Vogel, G *Gartenbau* 19 (11): 241-244. Nov 1972

069015 80 G1948
Concentration, specialization & cooperation for a better supply of tree nurseries with graft rootstocks for roses. (Ger) Sachse, H *Gartenbau* 19 (11): 259-260. Nov 1972

069016 80 G1948
Vegetable growing in Soviet Union. (Ger) Saumjan, I K *Gartenbau* 19 (12): 265-268. Dec 1972

069017 80 G1948
A new stage in development of Soviet vegetable growing under glass & plastic covers. (Ger) Savinova, N *Gartenbau* 19 (12): 269-271. Dec 1972

069018 80 G1948
Making better use of experience & techno-scientific progress of Soviet Union. II. [Vegetable culture]. (Ger) Vogel, G *Gartenbau* 19 (12): 272-274. Dec 1972

069019 80 G1948
Development of fruit production in Soviet Union. (Ger) Sachmatov, P S *Gartenbau* 19 (12): 276-277. Dec 1972

069020 80 G1948
Results of apple storage experiments in Hungary. (Ger) Sass, P *Gartenbau* 19 (12): 280-281. Dec 1972

069021 80 G1948
New ornamental plant varieties. (Ger) Witt, H *Gartenbau* 19 (7): 163-164. July 1972

069022 80 G1948
Development of Havel fruit-growing area into an area of concentrated fruit production. (Ger) Porsch, S *Gartenbau* 20 (1): 13-14. Jan 1973

069023 80 G1948
High & stable fruit production through stepwise transition to industrial production methods. (Ger) Sparbrod, H *Gartenbau* 20 (1): 15-17. Jan 1973

069024 80 G1948
Standardization – basic requirement for mechanized tree shaping. (Ger) Neumann, D *Gartenbau* 20 (1): 18-19. Jan 1973

069025 80 G1948
Ideas & experience regarding transition to industrial vegetable production in Seelow District. (Ger) Schulz, S *Gartenbau* 20 (1): 9-10. Jan 1973

069026 80 G1938
Planning fruit & berry production in Vestlandet. (Nor) Nodenes, M *Gartneryrket* 63 (7): 110-111. Feb 16, 1973

069027 80 G1938
Varieties of cabbage plants. (Nor) Weisaeth, G *Gartneryrket* 63 (7): 115-117. Feb 16, 1973

069028 24 G25
Old & new varieties of mangos from South Africa. (Por) Meulen, A Van Der *Gaz Agr (lourenco Marques)* 24 (278): 226-229. July 1972

069029 24 G252
Potato culture. (Por) *Gaz Agr Angola* 17 (11): 829, 831, 833-834. Nov 1972

069030 15.5 G76
Some aspects of greenhouse culture on Madeira Island. (Por) Caldeira ferreira, D *Granja (Lisboa)* 31 (1/4): 83-93. Jan/-Dec 1972

069031 80 H29
Economics & planning for kitchen garden. (Dan) Bartram, J *Haven* 73 (2): 102-103. Feb 1973

069032 80 H29
Cultivation of exotic fruit. (Dan) Bartram, J *Haven* 73 (2): 104-105. Feb 1973

069033 80 H29
Some thoughts on houses & gardens. [Landscaping]. (Dan) Hermansen, F *Haven* 73 (3): 136-137. Mar 1, 1973

069034 80 H29
Cultivation of Jerusalem artichokes. (Dan) Dencker-Hansen, P *Haven* 73 (3): 145. Mar 1, 1973

069035 80 H29
Big kitchen garden. (Dan) Bartram, J *Haven* 73 (3): 149. Mar 1, 1973

069036 80 H29
Fruit growing for all. (Dan) Christensen, J V *Haven* 73 (3): 156-158. Mar 1, 1973

069037 100 H313 (1)
Ornamental Hibiscus – propagation & culture. Nakasone, H Y *Hawaii Agr Exp Sta Bull* 175, 12 P. Mar 1973

069038 107.6 H61B
Studies on irrigation methods of flowering plants grown under greenhouse culture. I. effects of irrigating methods on growth & development of Chrysanthemum flowers under greenhouse condition. (Jap) Korematsu, H *Hiroshima Agr Exp Sta Bull* 32: 39-44. Eng. Sum. Nov 1972

069039 99.8 H743
Poplar culture as a part of landscape care. (Ger) Zundel, R *Holzzucht* 26 (3/4): 34-38. Dec 1972

069040 80 H787
Cabbage clan. Morrison, G *Horticulture* 51 (5): 26, 30-31. May 1973

069041 80 H787
Water gardening. [Aquatic plants]. Masters, C O *Horticulture* 51 (5): 41. May 1973

069042 80 H787
Layering. [Plant propagation]. Fordham, A J *Horticulture* 51 (5): 42-43, 53-54. May 1973

069043 80 H787
Feeding orchids. Sessler, G J *Horticulture* 51 (5): 44-45, 54-56. May 1973

069044 SB1.H6
Rreharvest benomyl application to increase survival & quality of cold-stored strawberry nursery plants. Maas, J L *Hortscience* 8 (2): 121-123. Apr 1973

069045 SB1.H6
Sound abatement with hedges. Whitcomb, C E *Hortscience* 8 (2): 128-129. Apr 1973

069046 SB1.H6
Yield of all-planted spinach surviving low temperatures. Peavy, W S *Hortscience* 8 (2): 140-141. Apr 1973

069047 SB1.H6
Rapid vegetative propagation of asparagus through lateral bud culture. Yang, H J *Hortscience* 8 (2): 141-143. Apr 1973

069048 SB1.H6
'eden' peach. [Varieties]. Lamb, R C *Hortscience* 8 (2): 143. Apr 1973

069049 SB1.H6
'brighton' peach. [Varieties]. Lamb, R C *Hortscience* 8 (2): 144. Apr 1973

069050 SB1.H6
Women in horticulture. Thompson, M M *Hortscience* 8 (2): 77-78. Apr 1973

069051 SB1.H6
Apple research: present efforts, future needs. Faust, M *Hortscience* 8 (2): 87-90. Ref. Apr 1973

069052 SB1.H6
New portable colorimeter to evaluate external fruit color of tomato & peach. Aulenbach, B B *Hortscience* 8 (2): 92-94. Apr 1973

069053 SB1.H6
A tree-mounted LVDT [linear variable differential transformer] electronic micrometer for apple fruit. Willey, C R *Hortscience* 8 (2): 95-96. Apr 1973

069054 340.8 ID5
Water requirements & irrigation requirement of potatoes. (Hun) Emanuel, A *Idojaras* 76 (4): 223-233. Ref. Eng. Sum. July/Aug 1972

069055 100 IL64
Winter melon. Chu, M C Y *Ill Res* 15 (2): 16. Spring 1973

069056 100 IL64
Highbush blueberries for commercial & home production in Illinois. Courter, J W *Ill Res* 15 (2): 3-4. Spring 1973

069057 100 IL64
Organic gardening can be successful if you follow sound principles. Vandemark, J S *Ill Res* 15 (2): 5. Spring 1973

069058 SB211.P8G4
Concise history of cultivated potato. (Rus) Lekhnovich, V S *In Genetika Kartofelia* P. 3-14. Map. 1973

069059 QK95.M3
Outlook for use of endemic plants of Azerbaijan in floriculture. (Aze) Akhundov, G F *In Materialy po Flore i Sistematike Vysshikh Rastenie Azer Baidzhana* P. 64-67. 1972

069060 SB123.S45
On grafting non-viral meristems of potatoes to plant-feeders in order to obtain healthy stock. (Rus) Dunin, M S *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 71-73. 1972

069061 SB123.S45
Seed culture for cucurbit & vegetable crops. (Rus) Khlystov, L A *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 120-126. 1972

069062 SB123.S45
Closed regions as high-yield producers of healthy seed potatoes in Ukraine. (Rus) Onishchenko, A I *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 58-62. 1972

069063 SB123.S45
Culture of healthy seed potatoes in Estonia. (Rus) Vyzaste, E D *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 67-71. 1972

069064 SB123.S45
System of measures for culture of healthy seed potatoes in Belorussia. (Rus) Adamov, I I *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 62-67. 1972

069065 SB123.S45
On propagation of fruit crops by clones. (Rus) Drmskin, B P *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 248-255. 1972

069066 SB123.S45
On fundamentals of seed culture of fruit tree rootstocks. (Rus) Trusevich, G V *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 255-262. 1972

069067 SB123.S45
A system of measures for culture of healthy seed potatoes in RSFSR. (Rus) Filippov, D I *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 54-58. 1972

069068 SB123.S45
Results of state testing of varieties & hybrids of cucurbit & vegetable crops, & also improvement of methods of testing & regionalizing. (Rus) Shabalina, V M *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 107-119. 1972

069069 SB123.S45
Organizing culture, quality control & availability of planting stock for grapes. (Rus) Mishurenko, A G *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 298-305. 1972

069070 SB123.S45
New regional & prospective varieties of potatoes & improved methods of varietal testing. (Rus) Komkova, M N *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 47-54. 1972

069071 80 IN23
Onion Pusa Ratnar yields high. [Varieties]. Mital, S P *Indian Hort* 17 (3): 15. Oct/Dec 1972

069072 80 IN23
Tamil Nadu's fragrant new pari mullai. Muthuswamy, S *Indian Hort* 17 (3): 28-19. Oct/Dec 1972

069073 22 IN8
There is gold in gladiolus. [Culture]. Motial, V S *Intensive Agr* 10 (10): 23-25. Dec 1972

069074 22 IN8
This chilli counts in Rajasthan; a new chilli that yields 800 kg per hectare. Shrivastava, V K *Intensive Agr* 10 (11): 7. Jan 1973

069075 16 IT1
Mixture of polystyrenes & peat; research on a new base for culture of Chrysanthemum in pots. (Ita) Craifenberg, A *Ital Agr* 109 (11): 1199-1209. Nov 1972

069076 S19.J62
Some investigations on performance of four exotic & one local varieties of okra (Hibiscus esculentus) at Agricultural Research Institure, Sariab, Quetta. Zafar, A M *J Agric Res* 10 (1): 70-73. Mar 1972

069077 80 K122
New variety of pear 'Tama'. (Jap) Ashikawa, K *Kajitsu Nippon* 27 (10): 30-32. 1972

069078 75.8 K145
Results & utilization of potato harvest 1972. (Ger) Brandkamp, *Kartoffelbau* 23 (12): 289-291. Dec 1972

069079 75.8 K145
35 Years of German plant production. V. Adjusting plant production to marketing reality of potato cultivated for consumption. (Ger) Hunnius, W *Kartoffelbau* 23 (12): 292-293. Dec 1972

069080 75.8 K145
Reducing sugar content of potato tubers: effects of variety, storage temperature, year of cultivation & mineral fertilization. (Ger) Stricker, H W *Kartoffelbau* 23 (12): 298-300. Ref. Dec 1972

069081 11 L236
Comparison of seed turnips, seed rutabagas, & planted rutabagas. (Nor) Tranmael, T *Landbrukstidende* 79 (9): 201, 203. Mar 3, 1973

069082 17 L23
Report of activity of Federal Research Institute for Fruit-, Wineand Horticulture, Wadenswil. (Ger) Fritzsche, R *Landwirt Jahrbuch Schweiz* 86 (3/4): 393-490. 1972

069083 18 L49
Nineteen years of potato growing in Swabian Jura. (Ger) Wittich, N v *Lebendige Erde* 6: 206-208. Nov/Dec 1972

069084 18 L49
Planting time experiments with potato variety Grata 1967 under simultaneous application of budding method. II. (Ger) Thun, M *Lebendige Erde* 6: 224-234. Nov/Dec 1972

069085 S11.O78
Soil & berberis. (Swe) Lovang, T *Medlemsbl Ostergotlands Lans Hushallningssallsk* 5 (3): 12-13, 22. 1972

069086 S11.O78
Roses can be planted in autumn. (Swe) Sandell, A *Medlemsbl Ostergotlands Lans Hushallningssallsk* 5 (3): 43-45. 1972

069087 19 M577
Modern fruit pruning. (Hun) Brunner, T *Mezogazdasagi Vilagirodalom* 15 (1): 25-26. 1973

069088 105.9 K696
Affinity tests with Blaufrankish grape variety. [Grafting]. (Ger) Blaha, J *Mitt Rebe Wein Obstbau Fruchteverwert* 22 (6): 397-402. Eng. Sum. Nov 1972

069089 17 M69
Hints for determination of seed quantity & how to fit out single seed equipment in maize culture. (Ger) Zumbach, W *Mitt Schweiz Landwirt* 20 (4): 85-91. Apr 1972

069090 SB1.N6
Use of pine bark in preparing container media. Pokorny, F A *N C Assoc Nurserymen Nursery Notes* 6 (2): 1, 3, 5. Apr 1973

069091 81 N46
Clonal apple rootstocks: present position. Preston, A P *N J State Hort Soc Hort News* 54 (2): 3-4, 6, 8. Mar 1973

069092 275.29 N463E
Ornamental vines for New Mexico. Enzie, J V *N Mex State Univ Ext Circ* 449, 13 P. Mar 1973

069093 SB403.N4
'a look ahead' – speech to British growers. [Ornamental plants]. Cathey, H M *N Y State Flower Ind Inc Bull* 33: 6-7. Apr 1973

069094 80 N81
Planting quality. [Ornamental plants]. (Nor) Bjerkestrand, E *Norsk Hagetid* 89 (2): 4-11. Feb 1973

069095 80 N81
Plants for window boxes. [Varieties]. (Nor) Habjorg, G V *Norsk Hagetid* 89 (4): 105-107. Apr 1973

069096 80 N81
Kitchen garden. (Nor) Valset, T *Norsk Hagetid* 89 (4): 92-95. Apr 1973

069097 20.5 N86
New potato varieties & their general characteristics. (Pol) Roguski, K *Nowe Roln* 22 (3): 15. Feb 1/15 1973

069098 SB354.O28
Apple variety Mutsu – its advantages & disadvantages. (Ger) Silbereisen, R *Obst Gart* 92 (3): 81. (Conclusion) Mar 1973

069099 85 J76
Is additional grafting necessary today? [Fruit]. (Ger) Labus, S *Obstbauversuchsring Alten Landes Mitt* 28 (1): 4-9. Jan 1973

069100 464.8 OC32
Earlier harvesting date for late varieties of beans through use of Reglone. (Pol) Borkowski, J *Ochrona Roslin* 16 (8/9): 20-21. Sept 1972

069101 390.8 B87
Definition of physical environment for typical vineyards. [France, Germany]. (Fre) Brejoux, P *Office Int Vigne Vin Bull* 45 (502): 1024-1043. Map. Dec 1972

069102 100 OH3S (2)
Flowers by design. [Varieties]. *Ohio Agr Res Develop Center Res Bull* 1061: 10-11. 1972

069103 100 OH3RS
New processing tomato cultivars Ohio 2070, Ohio 2170, & Ohio 23470. Berry, S Z *Ohio Agr Res Develop Center Res Sum* 65: 1-4. Jan 1973

069104 100 OH3RS
Direct-seeding onions on mineral soils. White, J M *Ohio Agr Res Develop Center Res Sum* 65: 51-52. Jan 1973

069105 57.8 OR32
Barrel-ring planting. Coggins, J R *Org Gard Farming* 20 (5): 105-106. May 1973

069106 57.8 OR32
Backyard sweet corn. Clemence, R V *Org Gard Farming* 20 (5): 44-46. May 1973

069107 57.8 OR32
Gourds & calico corn. Lendle, H G *Org Gard Farming* 20 (5): 47-49. May 1973

069108 57.8 OR32
Why not plant for moonlight? [Fragrant plants]. Riotte, L *Org Gard Farming* 20 (5): 55-57. May 1973

069109 57.8 OR32
Harvesting corn in June. Rozell, M *Org Gard Farming* 20 (5): 58-59. May 1973

069110 57.8 OR32
Beans that grow straight up. Farris, N P *Org Gard Farming* 20 (5): 68-69. May 1973

069111 57.8 OR32
Blackberries without black bears. Frederick, F *Org Gard Farming* 20 (5): 70-71. May 1973

069112 57.8 OR32
Persistent parsley. Bowman, J G *Org Gard Farming* 20 (5): 76-77. May 1973

069113 25 P543
A guide to apple growing in Baguio & environs. Ramos, E B *Philippine J Plant Indus* 35 (3/4): 177-202. 1970 (Pub. 1972)

069114 450 P695
Amaryllis year book, 1973; general amaryllid ed. Traub, H P *Plant Life* 29 (1/4): 1-122. Jan/Oct 1973

069115 450 P695
Sometimes tantalizing, those Lycoris. [Culture]. Milstead, L E *Plant Life* 29 (1/4): 103-104. Jan/Oct 1973

069116 450 P695
Growing amaryllids in north Florida. Smith, B D *Plant Life* 29 (1/4): 108-110. Jan/Oct 1973

069117 450 P695
Growing Amaryllis from seeds. Clouette, B *Plant Life* 29 (1/4): 120-121. Jan/Oct 1973

069118 450 P695
Second decade of Hemerocallis washingtonia Jan. 1, 1959 – Dec. 31, 1968. [Breeding]. Traub, H P *Plant Life* 29 (1/4): 125-140. Jan/Oct 1973

069119 450 P695
1972 zephyrantheae report. [Culture, breeding]. Wilson, M C *Plant Life* 29 (1/4): 81-91. Ref. Jan/Oct 1973

069120 450 P695
In quest of miniature amaryllids. [Australia]. Forbes, L J *Plant Life* 29 (1/4): 91-93. Jan/Oct 1973

069121 450 P695
Cojomaria, Paramongaia weberbaueri. [Taxonomy, culture]. Ellenbecker, M *Plant Life* 29 (1/4): 93-99. Ref. Jan/Oct 1973

069122 450 P695
Experiences with amaryllids, 1971-1972. Tisch, R E *Plant Life* 29 (1/4): 99-102. Jan/Oct 1973

069123 450 P694
Three ever-popular house plants. 1. African-violet. [Saintpaulia ionantha]. Miner, F *Plants Gard* 28 (3): 20-21. Autumn 1972

069124 80 P77
Technical & economic prospects offered to integration of Granny Smith apple in French apple orchard. (Fre) Marsolat, A *Pomol Franc* 14 (11): 263-270. Map. Ref. Dec 1972

069125 80 P77
Citrus fruit culture in Alpes-Maritimes & Corsica. (Fre) Ravel D'Esclapon, G *Pomol Franc* 14 (11): 275-282. Dec 1972

069126 14 P944
New fruit forms. 3. pillar system. [Training]. (Fre) Basteleus, B R *Propr Terrienne* 26 (303): 88-89. 91. Mar 1973

069127 14 P944
Scindapsus. [Culture]. (Fre) Pollock, R *Propr Terrienne* 26 (304): 134-135. Apr 1973

069128 14 P944
New fruit training forms. (Fre) Basteleus, R *Propr Terrienne* 26 (304): 136-137. Apr 1973

069129 64.8 R18
Size & quality of potato yield as influenced by use of herbicides & post-planting soil cultivations. (Bul) Dimitrov, S *Rastenievud Nauk* 9 (9): 131-140. Ref. Eng. Sum. 1942

069130 S544.3.M6M6
Woody ornamental plants tested for Montana conditions. Evans, G E *Res Rep Mont Agric Exp Stn Mont State Univ* 30, 18 P. Map. Mar 1973

069131 335.8 R32
When orchard irrigation comes from guess-work. [Electricity]. (Fre) Michelet, R *Rev Appl Elec* 46 (239): 100-102. Fourth Quarter 1972

069132 80 R3212
'large-format' plastic tunnels. [Horticulture]. (Fre) Blondin, P *Rev Hort Suisse* 46 (4): 76-80. Apr 1973

069133 80 R3212
Subfamily Taxoideae, tribe Taxeae, genera Taxus, Torreya; tribe Cephalotaxeae, etc. [Culture]. (Fre) Schneider, J *Rev Hort Suisse* 46 (4): 80-83. Apr 1973

069134 80 R3212
Prune roses in winter: Why not? [Rosa]. (Fre) Basteleus, R *Rev Hort Suisse* 46 (4): 83-86. Apr 1973

069135 80 R32
Yang-tao, hope in Le Gard. [Actinidia chinensis]. (Fre) Angiboust, A *Rev Hort* 2311: 37-40. Jan/Feb 1973

069136 80 R32
Effects of gibberellic acid on yield & precocity of artichokes. (Fre) Radwan, A H *Rev Hort* 2311: 53-55. Jan/Feb 1973

069137 84 L84J
A Cornish garden in winter. Reid, M *Roy Hort Soc J* 98 (1): 13-15. Jan 1973

069138 84 L84J
Easy to grow & long-lasting annuals. Barber, A *Roy Hort Soc J* 98 (1): 15-20. Jan 1973

069139 84 L84J
Gardening in a Mediterranean climate. 1. [Israel]. Benjamin, R *Roy Hort Soc J* 98 (1): 20-26. Jan 1973

069140 84 L84J
Unusual plants for town gardens. Elliott, R *Roy Hort Soc J* 98 (2): 78-86. Feb 1973

069141 84 L84J
Trees for small garden. Jackman, R *Roy Hort Soc J* 98 (2): 86-92. Feb 1973

069142 100 SO8 (2)
Colossus, a new southern pea variety. Ogle, W L *S C Agr Exp Sta Circ* 164, 4 P. Mar 1973

069143 80 SA15
Pruning dates for fruiting plum trees. (Rus) Abramishvili, V P *Sadov Vinogradarstvo Vinodelie Moldavii* 1: 12-13. Jan 1973

069144 80 SA15
New Bulgarian varieties of grapes in Moldavia. (Rus) Ivanova, E B *Sadov Vinogradarstvo Vinodelie Moldavii* 1: 23-24. Jan 1973

069145 80 SA15
On problem of coalescence of grape grafts. (Rus) Bradu, N V *Sadov Vinogradarstvo Vinodelie Moldavii* 1: 39-42. Jan 1973

069146 10 SCO82SO
New processing potatoes – Pentland Marble, Squire & Raven. Holden, J H W *Scot Agr* 51 (5): 471-473. Winter 1972/73.

069147 60.19 B772
Consideration of somer of factors responsible for fibre accumulation on golf course greens at Wollaton, Nottingham. Williams, J I *Sports Turf Res Inst J* 48: 36-43. Ref. 1972 (Pub. 1973)

069148 68.19 M28
Autumn planting of citrus crops. (Rus) Mgaloblishvili, S V *Subtrop Kul't* 5: 185-187. 1972

069149 61.9 SV23
75th anniversary of Ultuna Branch Station of Swedish Seed Association. (Swe) Hagberg, A *Sveriges Utsadesforen Tidskr* 82 (6): 285-287. 1972

069150 61.9 SV23
Ultuna Branch Station of Swedish Seed Association, 1918/1943. (Swe) Torssell, R *Sveriges Utsadesforen Tidskr* 82 (6): 288-299. Eng. Sum. 1972

069151 61.9 SV23
Data from Ultuna Branch Station of Swedish Seed Association during period 1944/1952. (Swe) Akerberg, E *Sveriges Utsadesforen Tidskr* 82 (6): 300-308. Eng. Sum. 1972

069152 61.9 SV23
Breeding of peas today. (Swe) Bingefors, S *Sveriges Utsadesforen Tidskr* 82 (6): 344-358. Eng. Sum. 1972

069153 61.9 SV23
Published papers from Ultuna Branch Station of Swedish Seed Association, 1897/1972. (Swe) Bingefors, S *Sveriges Utsadesforen Tidskr* 82 (6): 368-378. Ref. Eng. Sum. 1972

069154 S3.S8
Development of potato stands in relation to their density. [Planting]. Svensson, B *Swed J Agric Res* 3 (1): 3-12. 1973

069155 80 SV23
Scandinavian experiment in pruning apple trees. (Swe) Nilsson, F *SYr Inf Fruktodlaren (sver Yrkesfruktodlares Riksforb)* 15 (1): 15-19. 1973

069156 80 SV23
New variety of apple from Balsgard. (Swe) Bergendahl, P O *SYr Inf Fruktodlaren (sver Yrkesfruktodlares Riksforb)* 15 (1): 21-27. 1973

069157 80 SV23
Increased planting in Holland. [Fruit culture, varieties]. (Swe) Persson, N E *SYr Inf Fruktodlaren (sver Yrkesfruktodlares Riksforb)* 15 (1): 38-39. 1973

069158 80 SV23
Can pruning be further simplified? [Fruit]. (Swe) Johnsson, T *SYr Inf Fruktodlaren (sver Yrkesfruktodlares Riksforb)* 15 (1): 5-7, 9-13. 1973

069159 S19.T3
Effect of various types of sisal tow on fructification of straw mushroom. (Chi) Tu, C C *Taiwan Agr Quart* 8 (4): 189-192. Eng. Sum. Dec 1972

069160 QK1.I52
Monograph of crops of Cambodia. (Fre) *Trav Sect Sci Tech, Inst Fr Pondichery* 4 (3): 80 P. 1972

069161 80 T817
Use of plastic in Belgian vegetable cultivation. 2. [Cauliflower]. (Dut) Benoit, F *Tuinbouwberichten* 37 (2): 70-73. Feb 1973

069162 A281.9 AG8
Yam production methods. Martin, F W *U S D A Prod Res Rep* 147, 17 P. Dec 1972

069163 S542.R6U5
Comparative study of some varieties & populations of beans cultivated under pedo-climatic condition of BanuMaracine Didactic Experimental Station. (Rum) Feher, E *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 225-231. Eng. Sum. 1971 (Pub. 1972)

069164 S542.R6U5
Contributions for determination of sour cherry varieties for sands of Oltenia. (Rum) Popescu, M *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 277-284. 1971 (Pub. 1972)

069165 S542.R6U5
Behavior of main peach varieties in sands of southern Oltenia. (Rum) Sonea, V *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 301-308. 1971 (Pub. 1972)

069166 S542.R6U5
Effect of direction of pruning on formation & fructification potential of grapes. (Rum) Oprean, M *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 309-314. 1971 (Pub. 1972)

069167 11 UP62
Chrysantheumum frutescens hybrida as a pot & bedding plant. (Swe) Johansson, J *Uppsala Lantbrukshogsk Medd Ser A* 184, 24 P. Eng. Sum. 1973

069168 11 UP62
New vegetable varieties in official list of cultivars eligible for certification, 1972/1973. (Swe) Lindfors, S *Uppsala Lantbrukshogsk Medd Ser A* 188, 21 P. Eng. Sum. 1973

069169 SB320.V42
Bulk harvesting & handling of onions. Hilliker, F *Veg Crop Manage* 9 (4): 4, 6-7. Apr 1973

069170 20 AK16
On development of non-irrigated grape culture in foothill regions of southern Kazakhstan. (Rus) Utegenov, I *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 107-111. Jan 1973

069171 20 AK16
Primary achievements of Kazakh Institute of Fruit Culture & Viticulture. (Rus) Lin'kov, A S *Vestn Sel'skokhoz Nauk (Alma-ata)* 12: 77-81. Dec 1972

069172 20 AK16
Effect of number of planted tubers of potatoes on yield. (Rus) Tsoi, V E *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 26-28. Feb 1973

069173 80 V662
Putting quality into export pears. Keatley, J *Victorian Hort Dig* 16 (2): 2-4. Summer 1972

069174 95.8 V77
An new method of planting true-rooted & grafted grapevines. (Rus) Golodriga, P IA *Vinodelie Vinogradarstvo Sssr* 1: 28-30. 1973

069175 95.8 V77
Elite seedlings of table grapes of extremely early & early ripening dates. (Rus) Egiazarian, V I *Vinodelie Vinogradarstvo Sssr* 1: 30-32. 1973

069176 95.8 V77
On thinning in vineyards. (Rus) Terekhov, I I *Vinodelie Vinogradarstvo Sssr* 1: 35-38. 1973

069177 20 V82
Effectiveness of covering soil with plastic film in cucumber culture. (Ukr) Usyk, H IE *Visnyk Sil's'kohospodar Nauk* 1: 71-74. Jan 1973

069178 20 V82
Means of intensifying viticulture in Odessa Region. (Ukr) Lytvynov, P I *Visnyk Sil's'kohospodar Nauk* 1: 75-80. Jan 1973

069179 20 V82
Scientific basis for potato culture. (Ukr) Overchuk, V I *Visnyk Sil's'kohospodar Nauk* 2: 106-107. Feb 1973

069180 20 V82
Horticulture in Bulgaria. (Ukr) Shestopal', O M *Visnyk Sil's'kohospodar Nauk* 2: 108-110. Feb 1973

069181 20 V82
Production of healthy seed potatoes in covered areas of Ukraine. (Ukr) Onyshchenko, O I *Visnyk Sil's'kohospodar Nauk* 3: 64-68. Map. 1973

069182 S13.V9
Most suitable pruning of large-fruitet rose (Rosa pomifera) grown for preserve industry. (Slo) Nitransky, S *Vysk Ustav Rast Vyroby Ved Pr* 10: 221-227. Eng. Sum. 1972

069183 100 W52 (1)
Programs for improving yields of strawberries in West Verginia. Adams, R E *W Va Agr Exp Sta Bull* 618, 16 P. Ref. Feb 1973

069184 275.29 W522M
Cultivation of bigleaf hydrangea (Hydrangea macrophylla). Collier, C W *W Va Univ Ext Misc Publ* 435, 2 P. May 1972

069185 275.29 W522M
Cultivation of common lilac (Syringa vulgaris). Collier, C W *W Va Univ Ext Misc Publ* 436, 2 P. May 1972

069186 275.29 W522M
Winter protection for roses. Collier, C W *W Va Univ Ext Misc Publ* 452, 3 P. 1973

069187 275.29 W522M
Cultivation of poinsettia (Euphorbia pulcherrima). Collier, C W *W Va Univ Ext Misc Publ* 454, 3 P. 1973?

069188 275.29 W27MI
Developments in pear rootstocks. Larsen, F E Cooperative Extension Service *Wash State Univ Ext Em* 3684, 5 P. Sept 1972

069189 275.29 W27MI
Developments in rootstocks for sweet cherries. Larsen, F E Cooperative Extension Service *Wash State Univ Ext Em* 3685, 5 P. Sept 1972

069190 275.29 W27MI
Developments in apple rootstocks. Larsen, F E Cooperative Extension Service *Wash State Univ Ext Em* 3686, 6 P. Sept 1972

069191 275.29 W27P
Cranberry production in Washington. Doughty, C C *Wash State Univ Ext Ext Bull* 645, 22 P. Ref. Dec 1972

069192 95.8 W435
State of propagation establishments of Study Group of Stock Breeder. [Grapes]. (Ger) Schornick, R *Weinberg Keller* 20 (1): 37-42. Jan 1973

069193 95.8 W435
Production of graft materials in Yugoslavia. [Grapes]. (Ger) Avramov, L *Weinberg Keller* 20 (1): 43-48. Jan 1973

069194 95.8 W435
Recent results from studies concerning technology of storing propagation materials for viticulture. (Ger) Becker, H *Weinberg Keller* 20 (1): 9-28. Ref. Jan 1973

069195 95.8 W435
Changes in yield performance caused by various removal of lateral shoots at Kasel (Valley of Ruwer). [Grapes]. (Ger) Schoffling, H *Weinberg Keller* 20 (3): 119-136. Ref. Eng. Sum. Mar 1973

069196 95.8 W435
Effect of quantity of seed within single berry on volume & quality of various grape varieties (Vitis vinifera 1.). (Ger) Schumann, F *Weinberg Keller* 20 (3): 137-151. Ref. Eng. Sum. Mar 1973

069197 95.8 W435
Varietal characteristics of importance on one year old matured grapevine. (Ger) Bonaszewski, K *Weinberg Keller* 20 (4): 197-199. Apr 1973

069198 95.8 W73
Development plan for viticulture is necessary! [Austria]. (Ger) Stadlmann, J *Winzer* 28 (5): 105-106. May 1972

069199 80 OV64
Results in evaluation Syringa varieties. (Cze) Vecera, L *ZL (zahradnicke Listy)* 65 (5): 138-140. 1972

MISCELLANEOUS ECONOMIC PLANTS — CULTURE

069200 22.5 N682
Condiment plant culture & management. 1. (Jap) Nishigaki, S *Agric Hortic* 48 (4): 61-67. Apr 1973

069201 SB295.B5A7
Colve. [Syzygium aromaticum, culture]. Pillai, K S *Arecanut Spices Bull* 4 (2): 1-5. (Continued) Oct/Dec 1972

069202 SB295.B5A7
Paprika for India. Lewis, Y S *Arecanut Spices Bull* 4 (2): 6-9. Oct/Dec 1972

069203 68.38 C114
Notes on climate of cacao region of Bahia. (Por) Frota, P C E *Cacau Atualidades* 9 (2): 17-24. Map. Apr/June 1972

069204 68.18 C33
Tea in north-east India. Silva, R L de *Ceylon Tea Res Inst Tea Quart* 43 (3): 62-84. Map. Sept 1972

069205 SB23.C6A3
Annotated bibliography on hops – vegetative propagation, 1937 – 1971. *Commonw Bur Hortic Plant Crops Query File* 6066(s), 6 P. Feb 1973

069206 10 EX72
Effects of plant density on growth & yield of oil palm. Corley, R H V *Exp Agr* 9 (2): 169-180. Ref. Apr 1973

069207 396.8 IN23
Cultivation of Dioscorea deltoidea in subtropical plains of India. Husain, A *Indian J Pharm* 35 (1): 38-40. Jan/Feb 1973

069208 HD9210.I5I5
Spices from india. *Indian Spices* 9 (3/4): 1-12. 1972

069209 28 IN83TEX
Growing tropical root & tuber crops. (Spa) Montaldo, A *Inst Interamer Cienc Agr Textos Mater Ensenanza* 21, 284 P. Ref. Aug 1972

069210 68.29 C652
Work in progress in coffee research. Series III. Part two radioisotopes & coffee research in Kenya. Patel, R Z *Kenya Coffee* 37 (441): 373-375. Dec 1972

069211 20.5 N86
Intensification of hops production in Poland. (Pol) Zub, L *Nowe Roln* 22 (3): 20-21. Feb 1/15 1973

069212 25 P543
Coffee & cacao. [Culture]. Ramos, P R *Philippine J Plant Indus* 35 (3/4): 145-169. 1970 (Pub. 1972)

069213 25 P543
Effect of depths of tillage & fertilization on yield & other agronomic characters of Virginia, wrapper, cigar-filler & white burley tobacco. Bayuray, S J *Philippine J Plant Indus* 35 (3/4): 217-234. 1970 (Pub. 1972)

069214 SB290.R9
R.R.I.M. [Rubber Research Institute of Malaya] Ethrel trials: progress report. [Hevea, tapping, stimulation]. Abraham, P D *Proc RRIM Plant Conf (rubber Res Inst Malaya)* P. 1-31. 1971 (Pbu. 1972)

069215 SB290.R9
Dunlop Ethrel trials: preliminary findings. [Hevea, tapping, stimulation]. Mainstone, B J *Proc RRIM Plant Conf (rubber Res Inst Malaya)* P. 104-117. 1971 (Pub. 1972)

069216 SB290.R9
Highlands Research Unit Ethrel trials: preliminary results. [Hevea, tapping, stimulation]. McCullouch, G C *Proc RRIM Plant Conf (rubber Res Inst Malaya)* P. 118-125. 1971 (Pub. 1972)

069217 SB290.R9
Chemara Ethrel stimulation experiments: preliminary results. [Hevea, tapping]. Jonge, P de *Proc RRIM Plant Conf (rubber Res Inst Malaya)* P. 126-135. 1971 (Pub. 1972)

069218 SB290.R9
Further progress in crown budding. [Hevea]. Yoon, P K *Proc RRIM Plant Conf (rubber Res Inst Malaya)* P. 143-153. 1971 (Pub. 1972)

069219 SB290.R9
Selection of crowns for top working. [Hevea brasiliensis]. Ng, A P *Proc RRIM Plant Conf (rubber Res Inst Malaya)* P. 154-171. Ref. 1971 (Pub. 1972)

069220 SB290.R9
Effect of Ethrel stimulation on latex concentrate properties. [Hevea, tapping]. Gorton, A D T *Proc RRIM Plant Conf (rubber Res Inst Malaya)* P. 234-254. 1971 (Pub. 1972)

069221 SB290.R9
Effects of Ethrel stimulation on raw rubber properties. [Hevea, tapping]. Subramaniam, A *Proc RRIM Plant Conf (rubber Res Inst Malaya)* P. 255-262. 1971 (Pub. 1972)

069222 SB290.R9
R.R.I.M. [Rubber Research Institute of Malaya] Ethrel trials on smallholdings: preliminary results. [Hevea, tapping, Stimulation]. Abraham, P D *Proc RRIM Plant Conf (rubber Res Inst Malaya)* P. 32-47. 1971 (Pub. 1972)

069223 SB290.R9
Trials with some promising stimulants. [Hevea, tapping]. Pakianathan, S W *Proc RRIM Plant Conf (rubber Res Inst Malaya)* P. 72-89. 1971 (Pub. 1972)

069224 SB290.R9
Firestone Plantations' experience with Ethrel yield stimulant. [Hevea, tapping]. Ross, J M *Proc RRIM Plant Conf (rubber Res Inst Malaya)* P. 90-103. 1971 (Pub. 1972)

069225 450 R18
Diuretic plants of flora of Uzbekistan. (Rus) Khalmatov, Kh Kh *Rastitel Resursy* 9 (2): 161-167. Ref. 1973

069226 SB267.A1R4
Plot size & number of replications for cacao yield experiments. (Por) Peixoto Pereira, C *Rev Theobroma* 2 (4): 3-7. Eng. Sum. Oct/Dec 1972

069227 280.8 SO89
Oils & spieces in Papua New Guinea. Price, M J *S Pac Bull* 22 (3): 29-32, 34. 3D Quarter 1972

069228 68.19 M28
Prospects for tea culture in foothills of Adygei Autonomous Region. (Rus) Ramishvili, G G *Subtrop Kul't* 5: 58-62 1972

PLANT FUNGUS DISEASES AND CONTROL

069229 S544.3.W6W53
Corn leaf diseases in Wisconsin. [Fungal diseases]. Worf, G L *A Coop Ext Programs Univ Wis* A2247, 4 P. Dec 1972

069230 11 AC82
Botrytis fabae, Botrytis cinerea, & Ascochyta fabae on broadbean (Vicia faba) in Norway. Sundheim, L *Acta Agr Scand* 23 (1): 43-51. Ref. 1973

069231 15 AG84
Sunflower mildew. [Plasmopara halstedii]. (Spa) Jimenez Diaz, R M *Agric Rev Agropecu* 42 (489): 9-10. Jan 1973

069232 64.8 AG84
Investigations on resistance to Verticillium albo-atrum R. et B. of a lucerne collection of provenance from Hungary, Soviet Union & German Deomocratic Republic. (Ger) Steuckardt, R *Agrobotanika* 13: 31-44. Ref. Eng. Sum. 1971 (Pub. 1972)

069233 511 AK192D
Verticillium dahliae wilt of Rosa rugosa. (Rus) Saltenis, B *Akad Nauk Litov Ssr Darbai Tr Ser C* 3 (59): 67-70. Eng. Sum. 1972

069234 390.9 AM33
Early Botrytis [cinerea] rot of grapes & its control. McClellan, W D *Amer J Enol Vitic* 24 (1): 27-30. Ref. 1973

069235 75.8 P842
Effects of differential rates of nitrogen & phosphorus on early blight in potatoes. [Alternaria solani]. Barclay, G M *Amer Potato J* 50 (2): 42-48. Ref. Feb 1973

069236 14 F8499A
Fusarium diseases of pea: Behaviour of pea varieties entered in Official French Catalogue torwards a strain of Fusarium oxysporum f. Pist (Van Hall) Snyder & Hansen. (Fre) Charrier, A *Ann Amelior Plantes* 22 (3): 281-299. Ref. Eng. Sum. 1972

069237 442.8 AN72
Cucumber black root rot caused by Phomopsis sclerotioides. Ebben, M H *Ann Appl Biol* 73 (3): 259-267. Ref. Apr 1973

069238 442.8 AN72
Studies in vitro & in vivo with powdery mildew fungicides. [Sphaerotheca fuliginea, Podosphaera leucotricha, marrow cabbage plants, apples]. Clifford, D R *Ann Appl Biol* 73 (3): 299-306. Ref. Apr 1973

069239 442.8 AN72
Fate of carboxin, benomyl & thiabendazole in seedand soil-treated plants, as shown by in vitro & in vivo bioassays on some epiphytic yeasts. [Sporobolomyces roseus, barley, pea]. Gross, Y *Ann Appl Biol* 73 (3): 307-318. Ref. Apr 1973

069240 442.8 AN72
Growth of helminthosporia on media containing fungicide benomyl & assay of benomyl using Botrytis cinerea. Greenaway, W *Ann Appl Biol* 73 (3): 319-324. Ref. Apr 1973

069241 442.8 AN72
Effects of pyrenochaeta lycopersici infection on nutrient uptake by tomato plants. Goodenough, P W *Ann Appl Biol* 73 (3): 339-347. Ref. Apr 1973

069242 442.8 AN72
Storage losses of taro corms in British Solomon Islands Protectorate. [Fusarium solani, Botryodiplodia theobromae, Sclerotium rolfsii]. Gollifer, D E *Ann Appl Biol* 73 (3): 349-356. Ref. Apr 1973

069243 450 AN7
Succession of fungi on decaying Setaria glauca Beauv. A qualitative analysis of mycoflora. Sharma, P D *Ann Bot (london)* 37 (149): 203-208. Ref. Jan 1973

069244 450 AN75
Chloroplasts structure & evolution of Euphorbia amygdaloides leaves parasitised by Endophyllum eyphorbiae-sylvaticae. (Fre) Orcival, J *Ann Sci Natur Bot Biol Veg* 13 (3): 323-345. Ref. Eng. Sum. July/Sept 1972

069245 RM265.A5132
Fungistatic action of Juglans [regia]. Ahmad, S *Antimicrob Agents Chemother* 3 (3): 436-438. Mar 1973

069246 448.3 AP5
Effects of patulin & method of application on growth stages of wheat. [Penicillium urticae]. Ellis, J R *Appl Microbiol* 25 (4): 562-566. Ref. Apr 1973

069247 100 AR42F
Searching for possible tolerance in cotton to seedling disease. [Rhizoctonia solani, Arkansas]. Fulton, N D *Ark Farm Res* 22 (2): 10. Mar/Apr 1973

069248 100 AR42F
Increasing level of resistance of rice plants to diseases. [Fungi]. Templeton, G E *Ark Farm Res* 22 (2): 7. Mar/Apr 1973

069249 385 B523
Protein synthesis in mitochondria from healthy & Botrytis cinerea infected cabbage tissues. (Rus) Rubin, B A *Biokhimiia* 38 (1): 63-68. Ref. Eng. Sum. Jan/Feb 1973

069250 332.9 B52
Photographing secondary fluorescence of potato wart fungus resting sporangia in color. [Synchytrium endobioticum]. Hampson, M C *Biol Photogr Ass J* 41 (2): 37-38. Apr 1973

069251 450 B52
Seed rot & root rot complex of beans (Phaseolus vulgaris L.). [Fusarium solani, Phyllosticta phaseolina, Aspergillus flavus]. Gupta, V K *Biol Plant* 15 (2): 123-126. 1973

069252 450 B52
Evidence of systemic activity of benomyl by incoroporation of fungicide molecule in lanoline paste. [Cucumbers]. (Fre) Verdier, P *Biol Plant* 15 (2): 132-134. Ref. 1973

069253 451 B76
Erysiphe cechoracearum on Arctium lappa: cleistocarp dehiscence, ascospore germination, & infection of cucumber by ascospores & conidia. Wheeler, B E J *Brit Mycol Soc Trans* 60 (2): 177-186. Ref. Apr 1973

069254 451 B76
Competitive saprophytic colonization by Fusarium oxysporum f. sp. vasinfectum. [Cotton]. El-Abyad, M S *Brit Mycol Soc Trans* 60 (2): 187-195. Ref. Apr 1973

069255 451 B76
Recovery of Phytophtora cinnamomi from native vegetation in a remote area of New South Wales. Pratt, B H *Brit Mycol Soc Trans* 60 (2): 197-204. Ref. Apr 1973

069256 451 B76
Saprophytic activities of Fusarium oxysporum f. sp. melonis in soil. Banihashemi, Z *Brit Mycol Soc Trans* 60 (2): 205-210. Ref. Apr 1973

069257 451 B76
Development, assessment & seed transmission of Septoria nodorum. [Wheat]. Cooke, B M *Brit Mycol Soc Trans* 60 (2): 211-222. Ref. Apr 1973

069258 451 B76
Physiologic races of Rhynchosporium secalis on barley in Britain. Williams, R J *Brit Mycol Soc Trans* 60 (2): 223-234. Ref. Apr 1973

069259 451 B76
Pellet form of growth of Sclerotinia fructigena in shake culture. [Apples]. Archer, S A *Brit Mycol Soc Trans* 60 (2): 235-244. Ref. Apr 1973

069260 451 B76
Nutrition of Melampsora lini & Puccinia helianthi. Coffey, M D *Brit Mycol Soc Trans* 60 (2): 245-260. Ref. Apr 1973

069261 451 B76
A cellulase complex in culture filtrates of Rhynchosporium secalis (Barley leaf blotch). Olutiola, P O *Brit Mycol Soc Trans* 60 (2): 273-282. Ref. Apr 1973

069262 451 B76
Mercuric chloride resistance of Pyrenophora avenae. [Oates. Ross, I S *Brit Mycol Soc Trans* 60 (2): 293-300. Apr 1973

069263 451 B76
Thiol compounds & resistance of Pyrenophora avenae to mercury. [Oats]. Ross, I S *Brit Mycol Soc Trans* 60 (2): 301-310. Ref. Apr 1973

069264 451 B76
Genetical evidence on life-history of Phytophthora. [Cactorum]. Elliott, C G *Brit Mycol Soc Trans* 60 (2): 311-316. Ref. Apr 1973

069265 451 B76
Records & taxonomic notes on plant disease fungi in New Zealand. Laundon, G F *Brit Mycol Soc Trans* 60 (2): 317-337. Ref. Apr 1973

069266 451 B76
Production of volatile metabolites by species of Fomes. Cowan, M I *Brit Mycol Soc Trans* 60 (2): 347-351. Apr 1973

069267 451 B76
Infection of grasses by Septoria nodorum & Septoria tritici. Williams, J R *Brit Mycol Soc Trans* 60 (2): 355-358. Ref. Apr 1973

069268 451 B76
Resistance of Ulocladium atrum to phenyl-mercury. [Oats]. Greenaway, W *Brit Mycol Soc Trans* 60 (2): 359-360. Apr 1973

069269 470 C16C
Ballistospore discharge in Tilletiopsis minor. Pady, S M *Can J Bot* 51 (3): 589-593. Ref. Mar 1973

069270 470 C16C
Antifungal activity of Rhizobium. Drapeau, R *Can J Bot* 51 (3): 681-682. Mar 1973

069271 470 C16C
Nonspecificity of necrosis-inducing toxin of Sclerotium bataticola. Chan, Y H *Can J Bot* 51 (3): 690-692. Mar 1973

069272 SD13.C35
Pathogenicity tests of some discomycetes occurring on conifers. Smerlis, E *Can J Forest Res Rev Can Rech For* 3 (1): 7-16. Ref. Mar 1973

069273 SD13.C35
Canker of dwarf mistletoe swellings on western hemlock caused by Nectria fuckeliana var. macrospora. [Arceuthobium tsugense, Tsuga heterophylla]. Funk, A *Can J Forest Res Rev Can Rech For* 3 (1): 71-74. Mar 1973

069274 SD13.C35
Heart rot of black spruce in Ontario. I. stem rot, hidden, rot, & management considerations. [Picea mariana]. Basham, J T *Can J Forest Res Rev Can Rech For* 3 (1): 95-104. Map. Ref. Mar 1973

069275 450 C16
Elimination of microflora from barley kernels with ethylene oxide. [Fungi]. Bushnell, W R *Can J Plant Sci* 53 (1): 47-52. Ref. Jan 1973

069276 450 C16
Resistance to Pyrenophora bromi in bromegrass. [Bromus inermis]. Smith, J D *Can J Plant Sci* 53 (1): 93-99. Ref. Jan 1973

069277 464.9 C16S
Occurrence & pathogenicity of Godronia cassandrae f. vaccinii on lowbush blueberry in Nova Scotia. Lockhart, C L *Can Plant Dis Surv* 52 (4): 119-121. Dec 1972

069278 464.9 C16S
Effects of natural infections of crown rust & stem rust on yield & quality of oats in Manitoba. [Puccinia coronata, Puccinia graminis]. Martens, J W *Can Plant Dis Surv* 52 (4): 122-125. Dec 1972

069279 464.9 C16S
Cooperative seed treatment trials 1972. [Cereals, Tilletia foetida, Ustilago kolleri, Ustilago hordei]. Mills, J T *Can Plant Dis Surv* 52 (4): 126-129. Dec 1972

069280 464.9 C16S
Interactions among biotic variables affecting Cochliobolus sativus as a pathogen of cereals. Mills, J T *Can Plant Dis Surv* 52 (4): 130-136. Ref. Dec 1972

069281 464.9 C16S
Additional collections of Tuberculina maxima on pine stem rusts in western Canada. Powell, J M *Can Plant Dis Surv* 52 (4): 139. Dec 1972

069282 464.9 C16S
Control of storage diseases of carrots by washing. Grading, & postharvest fungicide treatments. [Botrytis cinerea]. Lockhart, C L *Can Plant Dis Surv* 52 (4): 140-142. Dec 1972

069283 464.9 C16S
Foliage diseases of alfalfa in northern Saskatchewan: a note on 1972 survey & differential reactions of nine varieties. [Leptotrochila medicaginis, Phoma medicagi nis, Pseudopeziza trifolii]. Harding, H *Can Plant Dis Surv* 52 (4): 149-150. Dec 1972

069284 464.9 C16S
Screening of potato fungicides in 1972. [Phytophthora infestans]. Callbeck, L C *Can Plant Dis Surv* 52 (4): 151-152. Dec 1972

069285 464.9 C16S
A Septoria disease of Koeleria macrantha in Alberta & Saskatchewan. Pirozynski, K A *Can Plant Dis Surv* 52 (4): 153-156. Ref. Dec 1972

069286 464.9 C16S
Air-borne rust inoculum over western Canada in 1972. Green, G J *Can Plant Dis Surv* 52 (4): 160-161. Dec 1972

069287 464.9 C16S
Stem rust of wheat, barley, & rye in Canada in 1972. [Puccinia graminis]. Green, G J *Can Plant Dis Surv* 52 (4): 162-167. Dec 1972

069288 464.9 C16S
Leaf rust of wheat in Canada in 1972. [Puccinia recondita]. Samborski, D J *Can Plant Dis Surv* 52 (4): 168-170. Dec 1972

069289 464.9 C16S
Stem rust of oats in Canada in 1972. Martens, J W *Can Plant Dis Surv* 52 (4): 171-172. Dec 1972

069290 464.9 C16S
Crown rust of oats in Canada in 1972. Samborski, D J *Can Plant Dis Surv* 52 (4): 173-174. Dec 1972

069291 68.18 C33
Uptake of benomyl by tea plant & its effectiveness against stem canker (Phomopsis theae). Shanmuganathan, N *Ceylon Tea Res Inst Tea Quart* 43 (3): 103-110. Sept 1972

069292 464.9 C47
Effect of carbon & nitrogen sources on growth of papaya anthracnose fungi. [Gloeosporium, Glomerella cingulata]. Wu, W S *Chung-hua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (1): 11-16. Mar 1972

069293 464.9 C47
Sporulation & colony characteristics in twelve species of Cercospora. [Blight, Plants]. Lee, N P *Chung-hua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (1): 27-35. Ref. Mar 1972

069294 464.9 C47
Studies on banana black rot caused by Botryodplodia theobromae Pat. I. Temperature on infection. (Chi) Tsai, Y P *Chung-hua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (2): 47-52. Ref. Eng. Sum. June 1972

069295 464.9 C47
Fusarium [oxysporum] wilt of bananas in Twaiwan. I. Preliminary study on ecology & control. (Chi) Tsai, Y P *Chung-hua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (2): 65-73. Ref. Eng. Sum. June 1972

069296 464.9 C47
Ultra-low-volume ground spray application of pesticides for control of rice diseases & insect pests. [Pyricularia oryzae, Chilo suppressalis]. (Chi) Liu, T S *Chung-hua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (2): 74-80. Eng. Sum. June 1972

069297 464.9 C47
Anatomical study on relationship between fungi & so-called suffocating disease of rice. [Helminthosporium, Nigrosporia, Cephalosporium]. Chiu, K Y *Chung-hua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (3): 110-115. Sept 1972

069298 464.9 C47
Ecological studies on rice stem rot fungi. [Helminthosporium sigmoideum]. (Chi) Chen, C C *Chung-hua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (4): 131-144. Ref. Eng. Sum. Dec 1972

069299 464.9 C47
Sporulation of Sclerospora sacchari on corn. Kimigafukuro, T *Chung-hua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (4): 153-161. Dec 1972

069300 464.9 C47
Perfect stage of an isolate of Rhizoctonia solani from kenaf. Tu, C C *Chung-hua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (4): 162-168. Ref. Dec 1972

069301 464.9 C47
Fusarium [oxysporum] wilt of bananas in Taiwan. II. Effect of soil moisture & chemical control in laboratory. (Chi) Tsai, Y P *Chung-hua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (4): 183-186. Eng. Sum. Dec 1972

069302 80 C495
Avocado growers beware of root rot. [Phytophthora cinnamomi]. Brodrick, H T *Citrus Grow Sub-trop Fruit J* 469: 6-7. Jan 1973

069303 64.8 C883
Probable genotype of some Triticum aestivum 'agent' derivatives for reaction to Puccinia recondita f. sp. Atritici. [Wheat, rust resistance]. Browder, L E *Crop Sci* 13 (2): 203-206. Ref. Mar/Apr 1973

069304 64.8 C883
Northern anthracnose resistance in red clover. [Kabatiella caulivora]. Smith, R R *Crop Sci* 13 (2): 271-273. Mar/Apr 1973

069305 64.8 C883
Development of a set of upland cotton lines for comparisons of Fusarium [Oxysporum vasinfectum] wilt-root-knot nematode data from several tests. Kappelman, A J *Crop Sci* 13 (2): 280-281. Mar/Apr 1973

069306 64.8 C883
Gene for low reaction to puccinia graminis tritici in thatcher-3B substitution line. [Wheat]. Loegering, W Q *Crop Sci* 13 (2): 282. Mar/Apr 1973

069307 475 SCI23
A new leaf-spot disease of Commelina. [Drechslera hawaiiensis]. Narendra, D V *Cur Sci* 42 (5): 180. Mar 5, 1973

069308 475 SCI23
Satellite television cloud photography as a possible tool to forecast plant disease spread. [Wheat, Puccinia gramini tritici]. Nagarajan, S *Cur Sci* 42 (8): 273-274. Apr 20, 1973

069309 475 SCI23
Fusarium wilt of nutmeg seedlings (Myristica fragrans) Houtt. Philip, S *Cur Sci* 42 (8): 296. Apr 20, 1973

069310 475 SCI23
A stem end rot disease of snakegourd fruits caused by Glomerella cingulata (Stonem) Spauld & Schrenk. Singh, S J *Cur Sci* 42 (8): 296. Apr 20, 1973

069311 450 EU6
Infection of Lolium & Festuca spp. by Drechslera siccans & Drechslera catenaria. Wilkins, P W *Euphytica* 22 (1): 106-113. Ref. Mar 1973

069312 450 EU6
Methods of evaluating strawberry plants as sources of field resistance to Phytophthora fragariae Hickman. Gooding, H J *Euphytica* 22 (1): 141-149. Ref. Mar 1973

069313 SD1.E8
Infection & deterioration of Picea root wood by Fomes annosus. (Ger) Peek, R D *Eur J For Pathol* 2 (4): 237-248. Ref. Dec 1972

069314 SD1.E8
Life history, host range & distribution of Septotinia podophyllina. [Prunus serotina]. Kam, M de *Eur J For Pathol* 3 (1): 1-6. Map. Ref. Mar 1973

069315 SD1.E8
Canker of cypresses caused by Coryneum cardinale Wag. in Britain. Strouts, R G *Eur J For Pathol* 3 (1): 13-24. Ref. Mar 1973

069316 SD1.E8
Some factors governing mycelial establishment & lesion extension in larch canker disease. [Trichoscyphella willkommii, Larix decidua]. Buczacki, S T *Eur J For Pathol* 3 (1): 39-49. Ref. Mar 1973

069317 SD1.E8
Studies of variability of Lophodermium pinastri. I. Cultural variants. [Pinus]. (Ger) Stephan, B R *Eur J For Pathol* 3 (1): 6-12. Ref. Eng. Sum. Mar 1973

069318 QK1.F5
Effect of antibiotics on some physiological & biochemical peculiarities of maize affected with common smut. [Listilago maydis]. (Rus) Nikitina, A V *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 5 (1): 60-63. Ref. Eng. Sum. Jan/-Feb 1973

069319 99.8 F7632
Spread of Fomes annosus reduced by heavy application of sulfur. [Pinus elliottii, Pinus taeda]. Froelich, R C *Forest Sci* 19 (1): 75-76. Mar 1973

069320 SB354.F78
Experimental results of chemical control of fungus disease in apples. (Dan) Burgaard, E *Frugtavleren* 2 (3): 93-96. Mar 1973

069321 96.532 F95
Fuchsia rust. [Pucciniastrum epilobii, Uredo fuchsiae]. Sharp, W G *Fuchsia Annu* 35: 35-36. Feb 1973

069322 421 P692
Coffee leaf rust in Brazil. [Hemileia vastatrix]. Firman, I D *FAo Plant Prot Bull* 20 (6): 121-126. Map. Ref. Dec 1972

069323 421 P692
Phytophthora [infestans] blight of tomato. Nyako, K O *FAo Plant Prot Bull* 20 (6): 141-142. Dec 1972

069324 275.29 G29L
Cotton boll rot. Crawford, J L University Cooperative Extension Service *Ga Univ Ext Leafl* 143, 2 P. Jan 1973

069325 275.29 G29L
Camellia diseases. [Fungi, viruses]. Motsinger, R E University Cooperative Extension Service *Ga Univ Ext Leafl* 147, 2 P. Apr 1973

069326 464.8 G33
Study of occurrence & control of stem rot of corn. (Ger) Stein, E *Gesunde Pflanzen* 25 (3): 43-47. Mar 1973

069327 464.8 G33
Summer damages caused by eyespot disease without stem break? recent views concerning pathogenesis of Cercosporella herpotrichoides in wheat. (Ger) Obst, A *Gesunde Pflanzen* 25 (3): 48-52. Ref. Eng. Sum. Mar 1973

069328 105.1 G344
Action of fungicides; a radical benzimidazole for various parasites of tropical mushrooms. (Fre) Fourcade, I *Ghent Rijksfac Landbouwetensch Meded* 3((2): 370-373. 1972

069329 105.1 G344
Methods of cercosporiosis control in bananas. (Fre) Brun, J *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 374-380. 1972

069330 105.1 G344
Infection of potato leaves by Phytophthora infestans (Mont.) de By inhibited by malathion sprays. Populer, C *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 507-510. 1972

069331 105.1 G344
O,o-diethyl phthalimidophosphonothioate fungicide for control of several species of powdery mildew & certain other plant diseases. Huisman, A H *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 511-515. 1972

069332 105.1 G344
Performance of Aaterra (35 percent - ethoxy-3-trichloromethyl-1,2, 4-thiadizole) in controlling Pythium damping off of tomato, pea & cauliflower. Desai, B G *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 516-523. 1972

069333 105.1 G344
Production of cellulolytic, pectolytic, & oxydase enzymer in damping-off phase of tomato, pea, & cauliflower seedlings inflected by Pythium. (Dut) Daelemans, A *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 524-537. Ref. Eng. Sum. 1972

069334 105.1 G344
Cleistothecia of Erysiphe cichoracearum Dc. ex Merat & conidia of Sphaerotheca fuliginea Schl. ex Fr. concomitantly on cucumber. Schlosser, E *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 553-558. Ref. 1972

069335 105.1 G344
Increase in virulence of Peronospora tabacina Adam. [Tobacco]. (Dut) De Baets, A *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 559-566. 1972

069336 105.1 G344
Internal carriage of Verticillium dahliae by seeds & its consequences. Spek, J van der *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 567-573. 1972

069337 105.1 G344
Presence of Armillaria [mella] on Populus. (Dut) Veldeman, R *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 574-586. Eng. Sum. 1972

069338 105.1 G344
Control of footand wilt diseases of tomatoes with systemic fungicides. (Dut) Vanachter, A *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 587-597. Eng. Sum. 1972

069339 105.1 G344
Appearance of Graphium on Erica gracilis. (Ger) Fliege, F *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 606-612. Eng. Sum. 1972

069340 105.1 G344
'fungicide action from some weed-killers in mushroom culture'. [Mycogone perniciosa, Verticillium malthousei]. (Dut) Poppe, J A *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 705-712. 1972

069341 105.1 G344
Degradation of triforine in selected crops. [systemic fungicides]. (Ger) Eichler, D *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 831-840. Eng. Sum. 1972

069342 105.1 G344
Production of pectolytic & cellulolytic enzymes by Rhizoctonia solani. (Dut) Geypens, M *Ghent Rijksfac Landbouwetensch Meded* 37 (2):538-552. Ref. Eng. Sum. 1972

069343 SB1.H6
Interactions in source of nitrogen fertilizer & liming procedure in control of Fusarium [oxysporum lycopersici]. Woltz, S S *Hortscience* 8 (2): 137-137. Apr 1973

069344 SB123.S45
System of controlling Phytophthora in seed potatoes. (Rus) Dorozhkin, N A *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 74-81. 1972

069345 22 AG83I
Inheritance of field resistance to rusts & glume pubescence wheat (Triticum aestivum L.). [Puccinia recondita, Puccinia graminis]. Minhas, A S *Indian J Agr Sci* 42 (10): 880-883. Ref. Oct 1972

069346 22 AG83I
Estimates of incidence of pests & diseases & consequent field losses in yield of wheat (Triticum aestivum L.). [Tanymecus indicus, Microtermes obesi, Puccinia triticina, Puccinia graminis triti Kishen, K *Indian J Agr Sci* 42 (10): 908-912. Oct 1972

069347 22 AG83I
Grades for evaluating grey mildew caused by Ramularia areola Atk. in Gossypium arboreum L. [Cotton]. Kodmelwar, R V *Indian J Agr Sci* 42 (10): 913-915. Oct 1972

069348 22 AG83I
Enzymatic variation in pathogenic strains of Fusarium oxysporum Schlecht. ex Fr. f. lini (Bolley) Snyder & Hansen. [Flax]. Thakur, R N *Indian J Agr Sci* 42 (10): 916-918. Ref. Oct 1972

069349 22 AG83I
Efficacy of fungicides for control of powdery mildew (Erysiphe polygoni DC.) of pea (Pisum sativum L. var. Arvense Poir.). Mathur, R L *Indian J Agr Sci* 42 (10): 919-921. Oct 1972

069350 22 AG83I
Zinc in toxin metabolism of Fusarium oxysporum Schlecht. ex Fr. f. lini (Bolley) Snyder & Hansen. [Wilt, flax]. Prasad, Y *Indian J Agr Sci* 42 (10): 950-952. Ref. Oct 1972

069351 22 AG83I
Resistance to 'tikka' leaf-spot in groundnut germplasm. [Cercospora arachidicola, Cercospora personata]. Aulakh, K S *Indian J Agr Sci* 42 (10): 952-955. Oct 1972

069352 442.8 IN2
Regulation of pathogenicity of UV [ultraviolet] radiation-induced amino acid deficient mutants of Fusarium udum associated with wilt of Cajanus cajan L. Millsp. [Pigeonpeas]. Purkayastha, R P *Indian J Exp Biol* 10 (6): 442-444. Ref. Nov 1972

069353 442.8 IN2
Relationship of nutrition to germination & pathogenicity of spores of Rhizopus stolonifer. [Potatoes, carrots]. Balasubramanian, K A *Indian J Exp Biol* 10 (6): 445-447. Ref. Nov 1972

069354 SB599.I47
Epidemiological studies on Alternaria blight of Cuminum cyminum. Gemawat, P D *Indian J Mycol Plant Pathol* 2 (1): 65-75. Ref. Jan 1972 (Pub. Oct 1972)

069355 SB599.I47
Proper stage for inoculation of wheat plants with loose smut pathogen. [Ustilago tritici]. Gothwal, B D *Indian J Mycol Plant Pathol* 2 (1): 89. Jan 1972 (Pub. Oct 1972)

069356 464.8 IN2
Morphology of spore forms & heteroecism in Puccinia agrophila. Patil, B V *Indian Phytopathol* 25 (2): 205-209. June 1972

069357 464.8 IN2
Performance of linseed varieties against Fusarium [oxysporum lini] wilt. Sharma, L C *Indian Phytopathol* 25 (2): 303-304. June 1972

069358 464.8 IN2
Studies on control of black scurf disease of potato. [Rhizoctonia solani]. Singh, R S *Indian Phytopathol* 25 (3): 343-349. Ref. Sept 1972

069359 464.8 IN2
Pathogenic differences amongst three isolates os Helminthosporium tritici-repentis & performance of wheat varieties against them. Misra, A P *Indian Phytopathol* 25 (3): 350-353. Sept 1972

069360 464.8 IN2
Factors influencing storage rot of certain fruits & vegetables caused by three species of Rhizopus. Thakur, D P *Indian Phytopathol* 25 (3): 354-358. Ref. Sept 1972

069361 464.8 IN2
Controlling storage rot of onion bulbs caused by Fusarium solani by fumigation. Dang, J K *Indian Phytopathol* 25 (3): 359-361. Sept 1972

069362 464.8 IN2
Fungicidal control of pre-harvest fruit drop in sweet orange. [Alternaria citri, Colletotrichum gloeosporioides]. Sinha, M K *Indian Phytopathol* 25 (3): 362-365. Sept 1972

069363 464.8 IN2
Responses of healthy & macrophomina [phaseoli] – infected jute plants to growth substances. Purkayastha, R P *Indian Phytopathol* 25 (3): 366-373. Ref. Sept 1972

069364 464.8 IN2
Effect of soil application of fungicides on inactivation of sclerotia of Ozonium texanum var. parasiticum & incidence of gram wilt. Shukla, D S *Indian Phytopathol* 25 (3): 378-386. Sept 1972

069365 464.8 IN2
In vitro production of indole acetic acid by Fusarium osysporum f. melonis. [Muskmelon wilt]. Bhaskaran, R *Indian Phytopathol* 25 (3): 405-409. Ref. Sept 1972

069366 464.8 IN2
Effect of different carbon & nitrogen sources on sporulation of some pathogenic species of Pestalotia. Purohit, D K *Indian Phytopathol* 25 (3): 410-416. Ref. Sept 1972

069367 464.8 IN2
Laboratory evaluation of fungicides for control of white root rot disease of temperate fruits caused by Dematophora necatrix. Shukla, U S *Indian Phytopathol* 25 (3): 417-422. Sept 1972

069368 464.8 IN2
Studies on survival of Fusarium oxysporum f. lathyri causing wilt of khesari (Lathyrus sativus) in soil. Prasad, T *Indian Phytopathol* 25 (3): 423-427. Ref. Sept 1972

069369 464.8 IN2
New records of graminicolous helminthosporia from India. II. Misra, A P *Indian Phytopathol* 25 (3): 428-433. Sept 1972

069370 464.8 IN2
Performance of barley varieties to rusts. [Puccinia graminis, piccinia striformis, puccinia hordei]. Ahmad, S T *Indian Phytopathol* 25 (3): 434-438. Sept 1972

069371 464.8 IN2
New records of fungi from Himachal Pradesh. V. [Phoma papayae, Phoma nocturni, Ascochyta pulcherrima]. Sohi, H S *Indian Phytopathol* 25 (3): 439-441. Sept 1972

069372 464.8 IN2
Sources of adult leaf rust resistance in Triicale. [Puccinia recondita]. Rajaram, S *Indian Phytopathol* 25 (3): 442-448. Ref. Sept 1972

069373 464.8 IN2
Anatomical studies on abnormal growth caused by Photomycopsis ajmeriensis on sesbania aculeata. Rao, C G P *Indian Phytopathol* 25 (3): 449-454. Sept 1972

069374 464.8 IN2
A new fruit rot disease of sweet orange caused by Trichothecium roseum in Punjab. Cheema, S S *Indian Phytopathol* 25 (3): 456-457. Sept 1972

069375 464.8 IN2
Alternaria [tenuissima] leaf spot of taro from India. Solankure, R T *Indian Phytopathol* 25 (3): 457-459. Sept 1972

069376 464.8 IN2
Unrecorded cylindrocarpon rot of litchi from Muzaffarpur, India. [Lychee]. Prasad, S S *Indian Phytopathol* 25 (3): 459-461. Sept 1972

069377 464.8 IN2
A new Alternaria [alternata] blight of Datura innoxia Mill. Janardhanan, K K *Indian Phytopathol* 25 (3): 461-463. Sept 1972

069378 464.8 IN2
Charcoal rot of ridge-gourd: a pycnidial strain of Macrophomina phaseoli (Maubl.) Ashby from India. Singh, R S *Indian Phytopathol* 25 (3): 463-464. Sept 1972

069379 464.8 IN2
A new leaf spot disease of Cyamopsis tetragonoloba (L.) Taub. caused by Choanephora cucurbitarum (Berk. And Rav.) Thaxt. Panwar, K S *Indian Phytopathol* 25 (3): 466-467. Sept 1972

069380 464.8 IN2
Inheritance of resistance to downy mildew (Sclerospora sorghi) in sorghum. Puttarudrappa, A *Indian Phytopathol* 25 (3): 471-473. Sept 1972

069381 464.8 IN2
Imperata arundinacea Cry & Saccharum munja Roxb. as collateral hosts of Helminthosporium sacchari (Van Breda de Haan) Butler. Mishra, A P *Indian Phytopathol* 25 (3): 473-475. Sept 1972

069382 464.8 IN2
Possible role of proteolytic enzymes in pathogenesis of Rhizopus stolonifer (Ehrenb. Ex Fr.) lind [Potatoes]. Balasubramanian, K A *Indian Phytopathol* 25 (3): 475-477. Sept 1972

069383 99.9 EA72R
Causal agents & environmental influence to 'damping-off' disease of Pinus merkusii seedlings. [Fungus diseases]. (Ind) Suharti, M *Indonesia Lembaga Pusat Penjelidikan Kehutanan Laporan* 162,29 P. Ref. Eng. Sum. 1973

069384 SB599.I48
New systemic fungicides applied in plant protection. (Rum) Baicu, T *Inst Cercet Pentru Prot Plant An* 8: 227-238. Ref. Eng. Sum. (Pub. 1972)

069385 SB599.I48
Synergic action of certain fungicide mixtures. (Rum) Baicu, T *Inst Cercet Pentru Prot Plant An* 8: 239-245. Eng. Sum. (Pub. 1972)

069386 SB599.I48
Efficacy of benzene & nitrobenzene derivatives & of certain combinations with organomercuric compounds in controlling Tilletia & other cereal crop diseases. (Rum) Hulea, A *Inst Cercet Pentru Prot Plant An* 8: 247-256. Ref. (Pub. 1972)

069387 SB599.I48
Microelement additives in treatment applied to control of downy mildew in grapevines in nurseries. [Plasmopara viticola]. (Rum) Galusinschi, A *Inst Cercet Pentru Prot Plant An* 8: 283-288. Ref. Eng. Sum. (Pub. 1972)

069388 SB599.I48
Research concerning leaf brown spot of quince & pear (Entomosporium maculatum Lev.). (Rum) Vonica, I *Inst Cercet Pentru Prot Plant An* 8: 53-61. Eng. Sum. 1970

069389 SB599.I48
Contributions to the study and control of Gnomonia leptoystyla (Fr.) Ces. et de Not. with its conidial stage Marssonina juglandis (Lib.) Magn. producing walnut anthracnose. (Rum) Vonica, I *Inst Cercet Pentru Prot Plant An* 8: 69-80. Ref. Eng. Sum. (Pub. 1972)

069390 22 IN8
What you should know about fungicides. Sahni, M L *Intensive Agr* 10 (11): 17-19. Jan 1973

069391 464.9 P432
Coremia production of Ceratocystis ulmi growing on fresh plant material. Ebrahimi, A G *Iran Inst Rech Entomol Phytopathol Entomol Phytopathol Appl* 32: 4-7. Ref. Mar 1972

069392 SB731.A1I7
Identification of Homobasidiomycetes collected in Iran. Saber, M *Iranian J Plant Pathol* 8 (1): 13-19. Ref. Mar 1972

069393 SB731.A1I7
Occurrence of cigar-end disease of banana in Iran. [Verticillium theobromae]. Ershad, D *Iranian J Plant Pathol* 8 (1): 7-9. Ref. Mar 1972

069394 442.8 AM3
Cytogenetic effects of Benlate fungicide on Allium cepa & Secale cereale. [Onions, rye]. Boyle, W S *J Hered* 64 (1): 49-50. Jan/Feb 1973

069395 99.8 N62
Studies on life-mode of Cercospora sequoiae Ell. et Ev. in a warm district of Japan. II. Transition of conidial form. (Jap) Terashita, T *Jap Forest Soc J* 55 (1): 15-20. Eng. Sum. Jan 1973

069396 99.8 N62
Studies on susceptibility to poplar leaf rust influenced by different nutrient conditions. I. Changes of susceptibility induced by nutrient deficiency. [Melampsora larici-populina]. Suzuki, K *Jap Forest Soc J* 55 (1): 29-34. Ref. Jan 1973

069397 99.8 N62
Tryblidiopsis pinastri (Pers.) Karsten causing dieback of Picea & Pinus in Japan. (Jap) Takahashi, I *Jap Forest Soc J* 55 (2): 75-77. Feb 1973

069398 87 H78
Studies on resistance of Japanese pear to black spot disease fungus, Alternaria kikuchiana Tanaka. XI. Effect of host-specific toxin produced by fungus on activity on beta-glucosidase extracted from japanese pear leaves. (Jap) Ohkawa, M *Jap Soc Hort Sci J* 41 (3): 245-249. Ref. Eng. Sum. Sept 1972

069399 385 K524
Effectiveness of Orthocide in controlling Fusarium root rot in peas. (Rus) Kirik, N N *Khim Sel'skom Khoz* 10 (10): 47-48. 1972

069400 385 K524
Seed treatment chemicals for coniferous species. [Fungus diseases]. (Rus) Pronchenko, T S *Khim Sel'skom Khoz* 11 (1): 36-39. Ref. 1973

069401 99.8 L5622
Melampsora pinitorqua in Ericaceae cutting areas. (Rus) Grafov, IUa *Les Khoz* 2: 57-60. Feb 1973

069402 80 M97
Shaggy stipe, a new mushroom disease. [Mortierella bainieri]. Fletcher, J T *Mga Bull (Mushroom Growers Assoc)* 3: 114. Mar 1973

069403 QK600.M5
Fluctuations in virulence of Verticillium wilt causal agent on cotton varieties showing different wilt resistance. (Rus) Tribunskii, A N *Mikol Fitol* 6 (6): 490-496. Ref. 1972

069404 QK600.M5
A correlation between wilt resistance levels of cotton varieties & an infection potential. [Verticillium iahliae]. (Rus) Metlitskii, L V *Mikol Fitol* 6 (6): 497-499. 1972

069405 QK600.M5
On physiological races of Verticillium dahliae Kleb., a causal agent of cotton wilt. (Rus) Popov, V I *Mikol Fitol* 6 (6): 500-502. 1972

069406 QK600.M5
Assessments of aggressiveness degree of Verticillium dahliae Kleb., a causal agent of stone fruit wilt. (Rus) Kropis, E P *Mikol Fitol* 6 (6): 502-509. Ref. 1972

069407 QK600.M5
On orgin of Peronospora tabacina Adam. (Rus) Vinogradov, V A *Mikol Fitol* 6 (6): 517-519. Ref. 1972

069408 QK600.M5
Effects of phytopathologic state of vegetable crops during their growing period on species composition of pathogenic mycoflora on stored fruits in Armenia. (Rus) Osipian, L L *Mikol Fitol* 6 (6): 519-524. 1972

069409 QK600.M5
Wheat root rots occurring on nonirrigated lands in Uzbekistan. (Rus) Gol'dschtein, L E *Mikol Fitol* 6 (6): 524-528. Ref. 1972

069410 QK600.M5
Protective & specific responses of wheat plants to brown rust infection. (Rus) Gromova, B B O *Mikol Fitol* 6 (6): 528-529. 1972

069411 QK600.M5
Interrelations between parasitic Fusicladium dendriticum (Wallr.) Fuckl. & its host plant in an infection drop. [Apples]. (Rus) Bondarenko, A A *Mikol Fitol* 6 (6): 529-533. Ref. 1972

069412 QK600.M5
Testing antibiotics against leaf spot disease of mulberry. [Cylindrosporium maculans]. (Rus) Chanturiia, N N *Mikol Fitol* 6 (6): 533-535. 1972

069413 QK600.M5
Effects of weather conditions on Helminthosporium turcicum Pass. sporogenesis. (Rus) Bolkyadze, Z A *Mikol Fitol* 6 (6): 536-537. 1972

069414 QK600.M5
Germinating uredospores of Puccinia graminis Pers. f. sp . tritici Eriks. et E. Henn. in infection drops on leaf surfaces of different wheat varieties. (Rus) Geshele, E E *Mikol Fitol* 7 (1): 16-22. Ref. 1973

069415 QK600.M5
Peculiarities of black loose smut attack on barleys. [Ustilago nigra, Ustilago nuda]. (Rus) Stepanovskikh, A S *Mikol Fitol* 7 (1): 23-26. Map. Ref. 1973

069416 QK600.M5
Race composition of crown rust of oats in U.S.S R. [Puccinia coronata avenae]. (Rus) Suzdal'skaia, M V *Mikol Fitol* 7 (1): 27-30. Ref. 1973

069417 QK600.M5
On specialization of powdery mildew causal agent on wheat crops in Kharkov region. [Erysiphe graminis tritici]. (Rus) Rodigin, M N *Mikol Fitol* 7 (1): 39-40. 1973

069418 QK600.M5
On an aggressive Peronospora tabacina Adam race attacking resistant tobacco varieties. (Rus) Ternovskii, M F *Mikol Fitol* 7 (1): 40-45. Ref. 1973

069419 QK600.M5
Powdery mildew on pomegranates in Azerbaijan. [Erysiphe communis]. (Rus) Guseinov, E S *Mikol Fitol* 7 (1): 45-46. 1973

069420 QK600.M5
Biological peculiarities of causal agent of wheat powdery mildew in south-east Kazakhstan. [Erysiphe graminis tritici]. (Rus) Tursumbaev, A *Mikol Fitol* 7 (1): 46-48. 1973

069421 QK600.M5
On distribution of Fusarium sporotrichiella Sr. emend. Bilai. (Rus) Briukhina, I P *Mikol Fitol* 7 (1): 53-55. Map. Ref. 1973

069422 QK600.M5
Studies on variability of causal agent of potato late blight, Phytophthora infestans (Mont.) de Bary. (Rus) Chumakova, A I *Mikol Fitol* 7 (1): 59-65. Ref. 1973

069423 448.3 K54
Nitrogen & phosphorus metabolism of Helminthosporium sativum P. K. et B. [Barley, fungus diseases]. (Ukr) Hrebenchuk, O D *Mikrobiol Zhur* 34 (1): 92. Jan/Feb 1972

069424 448.3 K54
Effect of trace elements on development of proso smut agent in pure culture. [Sphacelotheca panici miliacei]. (Ukr) Nikitina, A V *Mikrobiol Zhur* 34 (1): 93-94. Jan/Feb 1972

069425 448.3 K54
Antifungal properties of Actinomycetes as antagonists of phytopathogenic fungi. [Fusarium culmorum, Alternaria tenuis, Phoma betae]. (Ukr) Lysenko, Z A *Mikrobiol Zhur* 34 (1): 95-96. Jan/Feb 1972

069426 448.3 K54
Effect of seed irradiation on plant resistance to root & stem rot. [Fusarium moniliforme, Sclerotium bataticola]. (Ukr) Grisenko, G V *Mikrobiol Zhur* 34 (5): 606-611. Ref. Eng. Sum. Sept/Oct 1972

069427 275.29 M76NO
Safflower power. [Disease resistance, Alternaria]. Crowell, C *Mont State Univ Coll Agric Coop Ext Serv Now* 9 (2): 8-9. Winter 1972/73

069428 443.8 M98
Mutagenic effect of benomyl on Fusarium oxysporum. [Onions]. Dassenoy, B *Mutation Res* 21 (2): 119-120. Apr 1973

069429 450 M99
Factors affecting growth, sporulation, pathogenicity, & survival of Ascochyta rabiei. [Chickpeas]. Kaiser, W J *Mycologia* 65 (2): 444-457. Ref. Mar/Apr 1973

069430 450 M99
Marasmius-blight fungus. [Ammophila breviligulata]. Singer, R *Mycologia* 65 (2): 468-473. Mar/Apr 1973

069431 450 M99
A new species of Didymium [disciformis] from Dinia. [Ficus benghalensis]. Kowalski, D T *Mycologia* 65 (2): 474-477. Mar/Apr 1973

069432 100 N813B
Sundak: a rust-resistant sunflower variety. Zimmer, D E *N Dak Farm Res* 30 (4): 10-11. Mar/Apr 1973

069433 420 N48J
Platypus rugulosus (Platypodidae) & Xyleborus ferrugineus (Scolytidae) & certain diseases of coconut palms in Puerto Rico. [Ceratocystis paradoxa, phytophthora palmivora]. Maramorosch, K *N Y Entomol Soc J* 80 (4): 238-240. Dec 1972

069434 442.8 N22
Study of intraspecific differentiation of pathogen of Ascochyta infection in cucumbers. (Rus) Uspenskaia, G D *Nauch Dokl Vyssh Shk, Biol Nauk* 1: 51-56. Ref. 1973

069435 442.8 N22
Use of Marquise monogenic strains for revelation of wheat stem rust pathogen biotypes. [Puccinia graminis tritici]. (Rus) Smirnova, L A *Nauch Dokl Vyssh Shk, Biol Nauk* 6: 104-106. 1972

069436 450 N42
Production of trehalose & polyols by Ustilago nuda in culture & their utilization in healthy & infected wheat plants. Gaunt, R E *New Phytol* 72 (2): 321-327. Ref. Mar 1973

069437 99.9 N833
Scleroderris lagerbergii in Norway. Hosts, distribution, perfect & imperfect state, & mode of attack. [Pinus]. Roll-Hansen, F *Norway Skogforsoksv Medd* 30 (6): 441-459. Ref. 1973

069438 450 N852
Colonisation of Phragmites communis leaves by fungi. Apinis, A E *Nova Hedwigia* 23 (1): 113-124. Ref. 1972

069439 450 N852
Microfungi colonizing collapsed aerial parts of Phragmites communis Trin. in water. Taligoola, T K *Nova Hedwigia* 23 (23): 465-472. 1972

069440 450 N852
Microfungi colonizing submerged standing culms of Phragmites communis Trin. Apinis, A E *Nova Hedwigia* 23 (23): 473-480. 1972

069441 64.8 N76
Contributions to powdery mildew resistance & productivity of certain wheat varieties & their crossing progeny. (Hun) Szunics, L *Novenytermeles* 22 (1): 1-7. Ref. Eng. Sum. Mar 1973

069442 464.8 OC32
Phoma lingam (Tode) Desm. On cabbage seeds. (Pol) Blonska-Pawlak, A *Ochrona Roslin* 10: 16-18. 1972

069443 464.8 OC32
A species of rust fungus on Pelargonium [zonale] new to Poland. [Puccinia pelargonii-zonalis]. (Pol) Glaser, T *Ochrona Roslin* 10: 18-19. 1972

069444 464.8 OC32
Septoria nodorum berk, on wheat. (Pol) Polacka, Z *Ochrona Roslin* 10: 5-6. 1972

069445 464.8 OC32
Prevention of anther mold in red clover. [Botrytis anthophila]. (Pol) Narkiewicz-Jodko, M *Ochrona Roslin* 16 (1): 16-18. Jan 1972

069446 464.8 OC32
Important diseases of cherries. [Blumeriella jaapi, Monilia laxa]. (Pol) Zaliwski, S *Ochrona Roslin* 16 (2): 11-13. Feb 1972

069447 464.8 OC32
Colloidal sulphur in control of oak mildew. [Microsphaera alphitoides]. (Pol) Gojniczek, B *Ochrona Roslin* 16 (2): 19-20. Feb 1972

069448 464.8 OC32
Attempts to control potato blight with maneb in combination with copper salts. [Phytophthora infestans]. (Pol) Truszkowska, W *Ochrona Roslin* 16 (3): 12-16. Mar 1972

069449 464.8 OC32
A new program for control of diseases of vegetables in 1972. [Fungi bacteria]. (Pol) Rondomanski, W *Ochrona Roslin* 16 (3): 6-8. Mar 1972

069450 464.8 OC32
Control of potato blight on field grown tomatoes using maneb. [Phytophthora infestans]. (Pol) Truszkowska, W *Ochrona Roslin* 16 (4): 16-18. Apr 1972

069451 464.8 OC32
A method for determination of accuracy of covering plants with a copper fungicide. (Pol) Bojarski, S *Ochrona Roslin* 16 (5): 14-15. May 1972

069452 464.8 OC32
Pleiochaeta setosa (Kirch.) Hughes on lupine & selected papilionaceous crops. (Pol) Madej, T *Ochrona Roslin* 16 (6): 10-11. June 1972

069453 464.8 OC32
Powdery mildew on winter wheat & its yields under high level of nitrogen fertilization. [Erysiphe graminis]. (Pol) Pokacka, Z *Ochrona Roslin* 16 (7): 4-5. July 1972

069454 464.8 OC32
Principles of detection & identification of strain of pathogenic fungi for breeding of resistant plants. (Pol) Golenia, A *Ochrona Roslin* 16 (8/9): 14-15. Sept 1972

069455 464.8 OC32
Chemicals for dressing seeds of cereals. [Fingicides]. (Pol) Witkowski, W *Ochrona Roslin* 16 (8/9): 3-5. Sept 1972

069456 464.8 OC32
Septoria diseases of cereal crops. (Pol) Golebniak, B *Ochrona Roslin* 16 (8/9): 5-6. Sept 1972

069457 464.8 OC32
Leguminous plants as hosts of Helminthosporium sorokinianum Sacc. (Pol) Lacicowa, B *Ochrona Roslin* 16 (8/9): 9. Sept 1972

069458 100 OH3RS
Chemical control of Botrytis & Cladosporium leaf mold. [Tomatoes]. Farley, J D *Ohio Agr Res Develop Center Res Sum* 66: 29. Apr 1973

069459 QK1.P3
Some observations on parastiism of Coniothyrium minitans on sclerotia of Sclerotinia sclerotiorum. Ghaffar, A *Pak J Bot* 4 (1): 85-87. June 1972

069460 475 P174
Coryneum blight & other diseases on apriot (Prunus armeniaca) in North-West Pakistan. [Stigminia carpophila]. Zafar, S I *Pakistan J Sci Indus Res* 15 (3): 193-195. Ref. June 1972

069461 SB351.A1P3
With better fungicides, leafspot control improves but other disease losses continue. Whitty, E B *Peanut Farmer* 9 (3): 20, 22, 24-25. Mar 1973

069462 464.9 P562
Studies on relationship between host & pathogen in rice blast disease by method of factor analysis. [Pyricularia oryzae]. (Jap) Gogo, I *Phytopathol Soc Jap Ann* 39 (1): 35-41. Ref. Eng. Sum. Jan 1973

069463 464.9 P562
Metabolism of thiophanate-methyl by pathogenic fungi and antifungal activity of its metabolites. [Pellicularia sasakii, Alternaria mali]. Yasuda, Y *Phytopathol Soc Jap Ann* 39 (1): 49-52. Jan 1973

069464 464.9 P562
Effect of temperature on process of hypersensitive death of a potato plant cell infected by an incompatible race of Phytophthora infestans. Tomiyama, K *Phytopathol Soc Jap Ann* 39 (1): 73-78. Jan 1973

069465 464.8 P562
New results to question of damage caused by fungal root parasites to sugar beet. [Aphanomyces cochliodes]. (Ger) Steudel, W *Phytopathol Z* 75 (3): 202-214. Eng. Sum. Nov 1972

069466 464.8 P562
Tolerance to Cercosporella herpotrichoides Fron in winter wheat. Magnus, H A *Phytopathol Z* 76 (3): 189-199. Ref. Mar 1973

069467 464.8 P562
Variation among isolates of Macrophomina phaseoli (Rhizoctonia bataticola) from dofferent regions. [Soybeans]. Dhingra, O D *Phytopathol Z* 76 (3): 200-204. Mar 1973

069468 464.8 P562
Investigations on perfect stage of sugar beet powdery mildew, Erysiphe betae (Vanha) Weltzien. 1. formation of fruiting bodies in relation to environmental factors. (Ger) Mamluk, O F *Phytopathol Z* 76 (3): 221-252. Ref. Eng. Sum. Mar 1973

069469 464.8 P562
Study on phenolic reactions of Nicotiana plantlets after inoculation by strains of Phytophthora de Bary. (Fre) Ravise, A *Phytopathol Z* 76 (3): 253-264. Ref. Eng. Sum. Mar 1973

069470 464.8 P562
Ecological studies on Phytophothora cactorum (Leb. et Cohn) Schroet. using direct observation methods. (Ger) Gisi, U *Phytopathol Z* 76 (3): 276-2799 ref. Eng. Sum. Mar 1973

069471 464.8 P56
Influence of low plant & soil water potentials on diseases caused by soilborne fungi. Cook, R J *Phytopathology* 63 (4): 451-458. Ref. Apr 1973

069472 464.8 P56
Pathogen-induced changes in host water relations. [Cotton, Verticillium dahliae, tobacco, Pseudomonas syringae, P. Fluorescens]. Duniway, J M *Phytopathology* 63 (4): 458-466. Ref. Apr 1973

069473 464.8 P56
Antagonism of Scytalidium isolates against decay fungi. [Biological control]. Klingstrom, A E *Phytopathology* 63 (4): 473-479. Ref. Apr 1973

069474 464.8 P56
Sucrose & cell walls as factors affecting Phoma storage rot of sugar beet. Bugbee, W M *Phytopathology* 63 (4): 480-484. Ref. Apr 1973

069475 464.8 P56
Effect of Meloidogyne incognita acrita on susceptibility of cotton plants to Verticillium albo-atrum. Khoury, F Y *Phytopathology* 63 (4): 485-490. Ref. Apr 1973

069476 464.8 P56
Effect of rust infection of oat leaves on cytoplasmic & chloroplast ribosomal ribonucleic acids. [Puccinia coronata]. Tani, T *Phytopathology* 63 (4): 491-494. Ref. Apr 1973

069477 464.8 P56
Behavior of sclerotia of Sclerotium rolfsii produced in soil or in culture regarding germination stimulation by volatiles, fungistasis, & sodium hypochlorite treatment. [soybeans]. Linderman, R G *Phytopathology* 63 (4): 500-504. Ref. Apr 1973

069478 464.8 P56
Transcuticular movement of fungicides. [Apple leaves]. Solel, Z *Phytopathology* 63 (4): 505-510. Ref. Apr 1973

069479 464.8 P56
Occurrence & transfer of a biological factor in soil that suppresses take-all of wheat in eastern Washington. [Ophiobolus graminis]. Shipton, P J *Phytopathology* 63 (4): 511-517. Ref. Apr 1973

069480 464.8 P56
Stem rot of rice in California. [Sclerotium oryzae, Leptosphaeria salvinii]. Krause, R A *Phytopathology* 63 (4): 518-523. Ref. Apr 1973

069481 464.8 P56
Specificity of Puccinia recondita f. sp. tritici: Triticum aestivum 'Bulgaria 88' relationship. [Wheat]. Browder, L E *Phytopathology* 63 (4): 524-528. Ref. Apr 1973

069482 464.8 P56
Mycosphaerella zeae-maydis sp. n. sexual stage of Phyllosticta maydis. [Corn]. Mukunya, D M *Phytopathology* 63 (4): 529-532. Ref. Apr 1973

069483 464.8 P56
Cassia obtusifolia, a possible reservoir for inoculum of Colletotrichum fragariae. [Strawberries, anthracnose]. Howard, C M *Phytopathology* 63 (4): 533-534. Apr 1973

069484 464.8 P56
Infection rates of Cercospora apii in mixed populations of susceptible & tolerant celery. [Early blight]. Berger, R D *Phytopathology* 63 (4): 535-537. Apr 1973

069485 464.8 P56
Citrus leaf pieces as traps for Phytophthora parasitica from soil slurries. Grimm, G R *Phytopathology* 63 (4): 540-541 Apr 1973

069486 464.8 P56
Toxicity of acetaldehyde vapors to postharvest pathogens of fruits & vegetables. Aharoni, Y *Phytopathology* 63 (4): 544-545. Apr 1973

069487 464.8 P56
Germination of basidiospores of Fomes applanatus. [heartrot, wood decay]. Borwn, T S *Phytopathology* 63 (5): 547-550. Ref. May 1973

069488 464.8 P56
Monoterpene-fusiform rust relationships in loblolly pine. [Pinus taeda, Cronartium fusiforme]. Rockwood, D L *Phytopathology* 63 (5): 551-553. Ref. May 1973

069489 464.8 P56
Pathogenicity & further characterization of Calonectria crotalariae causing collar rot of papaya. Nishijima, W T *Phytopathology* 63 (5): 553-558. Ref. May 1973

069490 464.8 P56
Production of chlamydospores by Phytophthora palmivora in culture media. [Papayas]. Kadooka, J Y *Phytopathology* 63 (5): 559-562. May 1973

069491 464.8 P56
Use of morphology & mating populations in identification of formae speciales in Fusarium solani. Matuo, T *Phytopathology* 63 (5): 562-565. Ref. May 1973

069492 464.8 P56
Phytoalexin nature of heat-induced protection against bean anthracnose. [Colletotrichum lindemuthianum]. Rahe, J E *Phytopathology* 63 (5): 572-577. Ref. May 1973

069493 464.8 P56
Environmental factors regulating ascospore discharge by Mycosphaerella ligulicola. [Chrysanthemum]. McCoy, R E *Phytopathology* 63 (5): 586-589. Ref. May 1973

069494 464.8 P56
Competitive saprophytic ability of Fusarium roseum f. sp. Cerealis 'Culmorum' in soil. Nyvall, R F *Phytopathology* 63 (5): 590-597. Aref. May 1973

069495 464.8 P56
Chlamydospore formation in Fusarium in sterile salt solutions. Hsu, S C *Phytopathology* 63 (5): 597-602. Ref. May 1973

069496 464.8 P56
Conservation of mycelial constituents in four Sclerotium-forming fungi in nutrient-deprived conditions. Christias, C *Phytopathology* 63 (5): 602-605. Ref. May 1973

069497 464.8 P56
Soybean phytoalexin, hydroxyphaseolin, induced by ultraviolet irradiation. [Phytophtora megasperma, resistance]. Bridge, M A *Phytopathology* 63 (5): 606-609. May 1973

069498 464.8 P56
Effect of Puccinia graminis f. sp. Tritici on ozone injury in wheat. Heagle, A S *Phytopathology* 63 (5): 609-613. Ref. May 1973

069499 464.8 P56
Biology of Macrophomina phaseoli in soil studied with selective media. Meyer, W A *Phytopathology* 63 (5): 613-620. Ref. May 1973

069500 464.8 P56
Purification of a protease secreted by Colletotrichum lindemuthianum. Ries, S M *Phytopathology* 63 (5): 625-629. Aref. May 1973

069501 464.8 P56
Leakage from corn tissues induced by Helminthosporium maydis race T toxin. Halloin, J M *Phytopathology* 63 (5): 640-642. May 1973

069502 464.8 P56
Physiology of germination of Tilletia teliospores. Trione, E J *Phytopathology* 63 (5): 643-648. Ref. May 1973

069503 464.8 P56
Response of detached apple leaves to Venturia inaequalis. Nicholson, R L *Phytopathology* 63 (5): 649-650. May 1973

069504 464.8 P56
Effect of herbicide, Trifluralin, on Rhizoctonia disease in cotton. Neubauer, R *Phytopathology* 63 (5): 651-652. May 1973

069505 464.8 P56
Use of mycelial suspension for increasing Puccinia graminis f. sp. Tritici in axenic culture. Mussell, H W *Phytopathology* 63 (5): 653-654. May 1973

069506 464.8 P56
Chemically induced root injury correlated with a reduction of Fusarium wilt of tomato. Biehn, W L *Phytopathology* 63 (5): 655-656. Ref. May 1973

069507 1.9 P69P
Relation of fertility level & fungicide application to incidence of Cercospora fusimaculans on Saint Augustine grass. [Stenotaphrum secundatum]. McCoy, R E *Plant Dis Rep* 57 (1): 33-35. Jan 1973

069508 1.9 P69P
Long-term protective action of benomyl soil treatment against Dutch elm disease. [Ulmus, Ceratocystis ulmi, dieback]. Biehn, W L *Plant Dis Rep* 57 (1): 35-37. Jan 1973

069509 1.9 P69P
Effect of culture medium on production & pathogenicity of Alternaria alternata conidia. [Tobacco]. Ionnaidis, N M *Plant Dis Rep* 57 (1): 39-42. Jan 1973

069510 1.9 P69P
Sirococcus [strobilinus] tip dieback of Pinus spp. in California forest nurseries. Smith, R S *Plant Dis Rep* 57 (1): 69-73. Jan 1973

069511 1.9 P69P
Contrasting effects of two herbicides on invasion by Fomes annosus in tree-injector wounds on western hemlock. [Tsuga heterophylla]. Laird, P P *Plant Dis Rep* 57 (1): 94-96. Jan 1973

069512 1.9 P69P
Pinus mugo, a new host for comandra blister rust. [Cronartium comandrae]. Powell, J M *Plant Dis Rep* 57 (3): 283. Mar 1973

069513 1.9 P69P
Differential susceptibility of grapefruit on various rootstocks to Mycosphaerella citri. Mabbett, T H *Plant Dis Rep* 57 (4): 294-296. Apr 1973

069514 1.9 P69P
A fungal pathogen of Broussonetia papyrifera collected by George Washington Carver. [Corynespora cassiicola]. Pollack, F G *Plant Dis Rep* 57 (4): 296-298. Apr 1973

069515 1.9 P69P
Spore sampling of Helminthosporium maydis race T in 1971. Wallin, J R *Plant Dis Rep* 57 (4): 298-299. Apr 1973

069516 1.9 P69P
Influence of some climatic factors on sporulation by an isolate of ract T of Helminthosporium maydis on a susceptible male-sterile corn hybrid. Nelson, R R *Plant Dis Rep* 57 (4): 304-307. Apr 1973

069517 1.9 P69P
Parenchyma cell death & Diplodia maydis susceptibility in stalks & ears of corn. Pappelis, A J *Plant Dis Rep* 57 (4): 308-310. Apr 1973

069518 1.9 P69P
Benomyl promising chemical for leaf & stem diseases of redcedar & Arizona cypress. [Juniperus virginiana, Cupressus arizonica, Monochaetia unicornis, Phomopsis juniperovora, Cerospora sequoiae juniper]. Witcher, W *Plant Dis Rep* 57 (4): 315-317. Apr 1973

069519 1.9 P69P
Sources of resistance to a soilborne fungal disease complex of sunflowers. [Fusarium moniliforme, Phymatotrichum omnivorum, Macrophomina phaseolina]. Orellana, R G *Plant Dis Rep* 57 (4): 318-320. Apr 1973

069520 1.9 P69P
A serious outbreak of strains of Cercospora beticola resistant to benzimidazole fungicides in northern Greece. Georgopoulos, S G *Plant Dis Rep* 57 (4): 321-324. Ref. Apr 1973

069521 1.9 P69P
Oak wilt in eastern North Carolina. [Chalara quercina, Quercus nigra]. Grand, L F *Plant Dis Rep* 57 (4): 325. Apr 1973

069522 1.9 P69P
Scleroderris canker on red & scots pine in Vermont. [Scleroderris lagerbergii, Pinus resinosa, Pinus sylvestris]. Tattar, T A *Plant Dis Rep* 57 (4): 338. Apr 1973

069523 1.9 P69P
Seed treatment of corn infected with Helminthosporium maydis race T. Lim, S M *Plant Dis Rep* 57 (4): 344-346. Apr 1973

069524 1.9 P69P
Fungus associations in root rots of grand fir. [Abies grandis]. Miller, D L *Plant Dis Rep* 57 (4): 346-348. Apr 1973

069525 1.9 P69P
Effect of two mycophagous nematodes on Armillaria mellea root rot of Pinus ponderosa seedlings. [Aphelenchoides cibolensis, Aphelenchoides composticola]. Riffle, J W *Plant Dis Rep* 57 (4): 355-357. Apr 1973

069526 1.9 P69P
Apricot leaf curl caused by Taphrina deformans in Kulu Valley, India. Gupta, G K *Plant Dis Rep* 57 (4): 361-362. Apr 1973

069527 1.9 P69P
Effect of age on virulence of Septoria nodorum spores on wheat. Scharen, A L *Plant Dis Rep* 57 (4): 363-366. Apr 1973

069528 1.9 P69P
Septoria halophila, a pathogen of Hordeum leporinum in wheat-growing area of western Australia. Shearer, B L *Plant Dis Rep* 57 (4): 367-370. Map. Ref. Apr 1973

069529 1.9 P69P
Corynespora leaf spot, a new disease of tobacco (Nicotiana tabacum). Fajola, A O *Plant Dis Rep* 57 (4): 375-378. Ref. Apr 1973

069530 1.9 P69P
Root rot of ohia (Metrosideros collina subsp. polymorpha) caused by Phytophthora cinnamomi. Kliejunas, J T *Plant Dis Rep* 57 (4): 383-384. Apr 1973

069531 450 P695
Two new fungicides. [Thiobendazole, Benlate]. Cothran, C D *Plant Life* 29 (1/4): 106-107. Jan/Oct 1973

069532 464.8 P692
A preliminary proposal for detection of barley mildew infection periods. [Erysiphe graminis]. Polley, R W *Plant Pathol* 22 (1): 11-16. Mar 1973

069533 464.8 P692
Shaggy stipe, a new disease of cultivated mushroom caused by Mortierella bainieri. Fletcher, J T *Plant Pathol* 22 (1): 25-27. Mar 1973

069534 464.8 P692
Identification of a new physiologic race of Puccinia striiformis Westend. causing yellow rust of wheat, 1971. [Scotland]. Chamberlain, N H *Plant Pathol* 22 (1): 27-29. Mar 1973

069535 450 P696
Observations on soil fungistasis. III. Fungistasis in relation to soil depths, seasonal changes, soil amendments & physico-chemical characteristics of soils. Mishra, R R *Plant Soil* 38 (2): 321-330. Ref. Apr 1973

069536 450 P696
Fusarium species on groundnut kernels & in groundnut soils. Joffe, A Z *Plant Soil* 38 (2): 439-466. Ref. Apr 1973

069537 450 P696
Effect of soil temperature on survival of Fusarium oxysporum f. melonis (Leach & Currence) Snyder & Hansen. Banihashemi, Z *Plant Soil* 38 (2): 465-468. Apr 1973

069538 450 P696
Influence of nitrogen & phosphorus fertilizers on expression of downy mildew of sorghum. [Sclerospora sorghi]. Balasubramanian, K A *Plant Soil* 38 (2): 477-479. Apr 1973

069539 SB290.R9
Development of a collar protectant dressing against Ganoderma pseudoferreum. [Hevea brasiliensis]. Tan, A M *Proc RRIM Plant Conf (rubber Res Inst Malaya)* P. 172-178. 1971 (Pub. 1972)

069540 281.9 B87
Day of study on control of grain diseases. [Fungicides]. (Fre) Lescar, L *Prod Agr Fr* 49 (125): 12-13. Mar 1973

069541 SB950.A1P3
A review of mildew problems on cucurbit vegetable crops in Malawi. Spurling, A T *PAns Pest Artic News Summ* 19 (1): 42-45. Mar 1973

069542 68.28 R322
Coffee rust. [Hemileia vastatrix, Hemileia coffeicola]. (Spa) Reyna, E H *Rev Cafetalera* 119: 9, 11-12. Oct/Nov 1972

069543 68.28 R322
Inaugural conference on different aspects related with coffee rust. (Spa) Waller, J M *Rev Cafetalera* 121: 27-29. Jan 1973

069544 99.8 R3293
Relative durability of central, middle & outer part of trunk of 32 woods of Llanos Occidentales. [Polyporus versicolor]. (Spa) Silverborg, S B *Rev Forest Venezolana* 14 (21): 65-75. Eng. Sum. Jan/Dec 1971 (Pub. 1972)

069545 80 R3212
Plant & its environment. [Dianthus caryophyllus, Phialophora cinerescens, Fusarium, Penicillium]. (Fre) Meylan, G *Rev Hort Suisse* 46 (4): 89-90. Apr 1973

069546 SB387.R4
Commentary to 1973-1974 Guide for Treatments: Possibilities & limits in use of systemic fungicides in arboriculture & viticulture. (Fre) Bolay, A *Rev Suisse Vitic Arboric* 5 (1): 4-5. Jan/Feb 1973

069547 442.9 SA6
Resistance test on maize (Zea mays L.) cultivars to race T of Helminthosporium maydis, Nisik. & Miyake. (Por) Issa, E *Sao Paulo Inst Biol Arq* 39 (3): 141-149. Eng. Sum. July/Sept 1972

069548 451 SCH9
Contributions to taxonomical, phytopathological & physiological studies of Gnomonia comari Karsten. [Strawberries, fungus diseases]. (Fre) Bolay, A *Schweiz Bot Ges Ber* 81: 398-482. Ref. Eng. Sum. 1971 (Pub. 1972)

069549 100 P381S
Fungicide tolerance faces Miracle' drugs. Cole, H *Sci Agr* 20 (3): 9. Spring 1973

069550 S13.S44
Causes for reduction of resistance to brown rust in winter wheat varieties. [Puccinia triticina]. (Rus) Gorlach, A A *Sel'skokhoz Biol* 8 (1): 62-65. Eng. Sum. Jan/Feb 1973

069551 S13.S44
Characteristics of polysaccharide fractions from cultural liquid of cotton wilt casual agent. [Verticillium dahliae]. (Rus) Zel'tser, S Sh *Sel'skokhoz Biol* 8 (1): 66-69. Eng. Sum. Jan/Feb 1973

069552 S13.S55
TMTD & boric acid – effective chemicals for seed treatment in connection with common scab of potatoes & black scurf of potatoes. [Rhizoctonia solani, Actinomyces scabies]. (Rus) Pashkevich, A V *Sib Vestn S-kh Nauk* 6: 62-65. Nov/-Dec 1972

069553 99.8 W143
To importance of adhesives in control of pine needle shedding caused by Lophodermium pinastri. (Ger) Luthardt, H *Sozialistische Forstwirtsch* 22 (1): 12-14. Jan 1972

069554 60.19 B772
Marasmius [oreades] fairy rings: lawn age & incidence. Smith, J D *Sports Turf Res Inst J* 48: 24-27. 1972 (Pub. 1973)

069555 60.19 B772
Fungicide trials, 1972. Woolhouse, A R *Sports Turf Res Inst J* 48: 28-35. 1972 (Pub. 1973)

069556 107.6 T134
Causal fungi of rice ear blighting & factors of its occurrence. [Pyricularia oryzae, Helminthosporium oryzae, Helminthosporium sigmoideum]. (Jap) Suzuki, H *Takada Hokuriku Agr Exp Sta Bull* 14: 63-90. Ref. Eng. Sum. Mar 1972

069557 100 T31P
Predisposing influence of greenbugs on charcoal rot of sorghum. [Schizaphis graminum, Macrophomina phaseoli]. Teetes, G L *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3173, 6 P. Mar 1973

069558 100 T31P
Southern blight & guar production in Rolling Plains. [Sclerotium rolfssii]. Rogers, C E *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3174, 6 P. Ref. Mar 1973

069559 505 T64
A new anthericolous smut of Caryophyllaceae: Ustilago gausseni n. Sp. [Silene italica]. (Fre) Durrieu, G *Toulouse Soc Hist Natur Bull* 108 (3/4): 433-436. 1972 (Pub. Feb 28, 1973)

069560 26 T754
Glasshouse method for screening seedlings of cocoa (Theobroma cacao L.) for resistance to black pod caused by Phytophthora palmivora (Butl.) Butl. Amponsah, J D *Trop Agr (st Augustine)* 50 (2): 143-152. Ref. Apr 1973

069561 S542.R6U5
Control methods of leaf-curl of peach trees, cultivated on sands of southern Oltenia. [Taphrina deformans, Coryneum biejerinckii]. (Rum) Comes, I *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 353-360. Eng. Sum. 1971 (Pub. 1972)

069562 S542.R6U5
Biochemical & physiological modifications caused by Spaerotheca pannosa (Wallr.) Lev. var. rosae Woron, in several kinds of rose species. (Rum) Ene, I *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 361-366. Eng. Sum. 1971 (Pub. 1972)

069563 442.9 L542V
Race variability of Phytophthora infestans (Mont.) de Bary in monoconidial isolates. (Rus) Pshedetskaia, L I *Vestn Leningr Univ, Biol* 3: 36-40. Ref. Eng. Sum. 1973

069564 442.9 L542V
On study of race composition of Phytophthora infestans (Mont.) de By. in Pskov Region. (Rus) Cherepanova, N P *Vestn Leningr Univ, Biol* 3: 53-56. Eng. Sum. 1973

069565 20 AK16
Causes of mass wilting of melons in Kzyl-Orda Region. [Fusarium, Verticillium]. (Rus) Bubentsov, S T *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 120-122. Jan 1973

069566 20 AK16
Root rot of spring wheat & test of antibiotics in controlling pathogen of disease, Helminthosporium sativum Pammel, King et Bakke. (Rus) Minbaev, R M *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 47-52. Jan 1973

069567 20 AK16
Spread of apple scab & Cytospora infection in wild apples in Dzhungarian Alatau relative to ecological conditions. (Rus) Isin, M M *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 83-87. Feb 1973

069568 442.8 M66
Effect of brown leaf rust of rye on energy exchange of feeding plant. [Puccinia dispersa]. (Bel) Siarova, Z IA *Vestsi Akad Navuk BSSR, Ser Biial Navuk* 6: 40-42. Ref. 1972

069569 80 V662
Post harvest dipping of peaches. [Sclerotinia fructicola, Rhisopus nigricans, Rhizopus arrhizus, control]. Keatley, J *Victorian Hort Dig* 16 (2): 9-11. Summer 1972

069570 20 V82
Activity of peroxidase-one of factors of pea resistance to powdery mildew. (Ukr) Kyryk, M M *Visnyk Sil's'kohospodar Nauk* 3: 59-34. Ref. 1973

069571 SF604.V75
Stability of cultural & toxic properties of fungi under longterm storage. (Rus) Koroleva, V P *Vses Akad S-kh Nauk Biull* 12: 86-90. 1972

069572 SB387.V5
Effect of phenol substances of skin of grape berries on development of Botrytis cinerea Pers.. (Ukr) Plyskanivs'kyi, V O *Vynohradar Vynorob* 13: 48-53. 1972

069573 S13.V9
Susceptibility of world assortement of sainfoin to anthracnose (Ascochyta onobrychidis Bondarz. Montev.). (Slo) Vanco, B *Vysk Ustav Rast Vyroby Ved Pr* 10: 125-135. Ref. Eng. Sum. 1972

069574 275.29 W27MI
Gray mold (Botrytis [cinerea] blight). Maloy, O C Cooperative Extension Service *Wash State Univ Ext Em* 3749, 2 P. Feb 1973

069575 421 Z1
How to store potatoes better. [Fungus diseases]. (Rus) Volovik, A S *Zashch Rast* 1: 28-30. Jan 1973

069576 421 Z1
Trichoderma for controlling root rot. [Fomes annosus]. (Rus) Kalinichenko, V A *Zashch Rast* 1: 41. Jan 1973

069577 421 Z1
Tree-destroying fungi on Quercus castaneaefolia. (Rus) Kanygina, N E *Zashch Rast* 1: 42-43. Jan 1973

069578 464.8 Z1
A contribution to investitation of Stemphylium sarciniforme (Cav.) Wilt. Causal organism of leaf spot of red clover. (Cro) Stojanovic, D *Zastita Bilja* 23 (117/118): 101-132. Ref. Eng. Sum. 1972

069579 464.8 Z1
A contribution to investigation of pathogenic property of Phyllosticta prunicola (Opiz) Sacc. [Plums]. (Cro) Ristanovic, M *Zastita Bilja* 23 (117/118): 83-96. Ref. Eng. Sum. 1972

PLANT BACTERIAL DISEASES AND CONTROL

069580 75.8 P842
A root inoculation technique to screen potato seedlings for resistance to Pseudomonas solanacearum. Gonzalez, L C *Amer Potato J* 50 (3): 96-104. Ref. Mar 1973

069581 442.8 AN72
Effect of a few days of rain on distribution of common scab (Streptomyces scabies) on young potato tubers. Lapwood, D H *Ann Appl Biol* 73 (3): 277-283. Apr 1973

069582 464.9 C47
Bacterial wilt of Cassava (Manihotis utilissima Pohl.) caused by Xanthomonas manihotis (arthaud-Berthet) Starr. Leu, L S *Chung-hua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (1): 17-26. Ref. Mar 1972

069583 450 EU6
A note on Xanthomonas blight of beans (Phaseolus vulgaris (L.) Savi) & prospects for its control by breeding for tolerance. [Kidney beans]. Leakey, C L A *Euphytica* 22 (1): 132-140. Ref. Mar 1973

069584 464.8 IN2
Bacterial leaf spot disease on Amorphophallus campanulatus. [Xanthomonas amorphophalli]. Jindal, J K *Indian Phytopathol* 25 (3): 374-377. Sept 1972

069585 464.8 IN2
Occurrence of fuscous & common blight diseases of bean (Phaseolus vulgaris) in India. [Xanthomonas phaseoli, kidney beans]. Patel, P N *Indian Phytopathol* 25 (3): 387-391. Ref. Sept 1972

069586 464.8 IN2
Occurrence of bacterial blight disease on moth bean (Phaseolus aconitifolius) in India. Patel, P N *Indian Phytopathol* 25 (3): 464-466. Sept 1972

069587 448.3 J82
Control of pantothenate accumulation in Agrobacterium tumefaciens. Kaneshiro, T *J Bacteriol* 113 (2): 619-626. Ref. Feb 1973

069588 SB599.K9
Studies on mode of prevalence of rice bacterial leaf blight. I. Prevalence in epidemic years in 1970 & 1971. [Xanthomonas oryzae]. (Jap) Seki, M *Kyushu Assoc Plant Protect Proc* 18: 123-125. Oct 1972

069589 448.3 K54
Utilization of differential tests for characteristics of yellow-pigmentary phytopathogenic bacteria. [Xanthomonax, Corynebacterium]. (Ukr) Bel'tivkova, K H *Mikrobiol Zhur* 34 (1): 101-104. Jan/Feb 1973

069590 448.3 K54
Erwinia horticola sp. nova, a new agent of beech & fruit tree diseases. (Ukr) Bel'tiukova, K H *Mikrobiol Zhur* 34 (1): 104-106. Jan/Feb 1972

069591 448.3 K54
On affection of fruit tree seeds with agents of bacterioses. [Pseudomonas, Erwinia]. (Ukr) Bel'tiukova, K H *Mikrobiol Zhur* 34 (1): 106-108. Jan/Feb 1972

069592 448.3 K54
Bacterial diseases of beech in forests of Carpathians [Pseudomonas, Erwinia]. (Ukr) Hvozdiak, R I *Mikrobiol Zhur* 34 (1): 108-110. Jan/Feb 1972

069593 448.3 K54
New bacteriosis of Populus trichocarpa. [Bacillus]. (Ukr) IAkovleva, L M *Mikrobiol Zhur* 34 (1): 110-111. Jan/Feb 1972

069594 448.3 K54
Pseudomonas allicola (Starr & Burkholder) an agent of bacterial disease of onion. (Ukr) Sydorenko, S S *Mikrobiol Zhur* 34 (1): 111-113. Jan/Feb 1972

069595 448.3 K54
Biological properties of bacterial agents causing diseases in Hyacinthus orientalis & Calla plants. (Ukr) Kabashna, L V *Mikrobiol Zhur* 34 (1): 113-114. Jan/Feb 1972

069596 448.3 K54
Effect of arenarine on activity of dehydrogenases of Corynebacterium michiganense (F. Smith) Jensen. [Tomatoes, bacterial diseases]. (Ukr) Kulykovs'ka, M D *Mikrobiol Zhur* 34 (1): 115-117. Jan/Feb 1972

069597 448.3 K54
Study of bacteriophage specificity to agents of bean bacterioses. (Ukr) Samiilenko, V I *Mikrobiol Zhur* 34 (1): 118-119. Jan/Feb 1972

069598 105.9 K696
Bacterial cancer in apricot trees. [Pseudomonas]. (Ger) Plock, H *Mitt Rebe Wein Obstbau Fruchteverwert* 22 (6): 437-438. Eng. Sum. Nov 1972

069599 275.29 M76NO
Plant pathologists devise rapid screening test for alfalfa wilt. [Corynebacterium insidiosum]. Straley, C *Mont State Univ Coll Agric Coop Ext Serv Now* 9 (2): 6-7. Winter 1972/73

069600 100 M69MI
Cottonseed dressings for reducing bacterial blight. [Xanthomonas malvacearum]. Davis, R G *MAFES Res Highlights (miss Agric For Exp Stn)* 36 (4): 3. Apr 1973

069601 442.8 N22
Rhizosphere as a locus of phytopathogenic bacteria. II. Significance of rhizosphere in life cycle of pathogens of soft rots. [PectobacteriumE. (Rus) Voronkevich, I V *Nauch Dokl Vyssh Shk, Biol Nauk* 9: 103-109. Ref. 1972

069602 475 P174
Studies on bacteriostatic properties of wild, medicinal plants of Karachi region. I. Attia, M S *Pakistan J Sci Indus Res* 15 (3): 199-210. Ref. June 1972

069603 1.9 P69P
Occurrence & spread of an undescribed species of Corynebacterium pathogenic on corn in Western Corn Belt. Wysong, D S *Plant Dis Rep* 57 (4): 291-294. Apr 1973

069604 SB950.A1P3
Occurrence of bacterial rot of raya (Brassica juncea Coss.) in Haryana. [Xanthomonas]. Vir, S *PAns Pest Artic News Summ* 19 (1): 46-47. Mar 1973

069605 13 R322
Erwinia amylovora (Burrill) Winslow et al., a dangerous disease. [Pears, apples]. (Fre) Melckebeke, J V *Rev Agr (brussels)* 25 (11/12): 1563-1586. Map. Ref. Nov/-Dec 1972

069606 80 SA15
Bacterial canker of mazzard cherries in Crimea. (Rus) Kalinichenko, R I *Sadov Vinogradarstvo Vinodelie Moldavii* 1: 36-38. Jan 1973

PLANT VIRUS DISEASES AND CONTROL

069607 442.9 AK18
A simple & rapid zone electrophoretic method for purification of some plant viruses. (Rus) Hodrejarv, U *Akad Nauk Est Ssr Izv Ser Biol* 21 (2): 189-192. Ref. 1972

069608 442.9 AK18
Content of inorganic elements in inoculated leaves of Nicotiana glutinosa L. in case of infection with potato viruses N & X. (Rus) Hodrejarv, U *Akad Nauk Est Ssr Izv Ser Biol* 21 (4): 357-365. Ref. Eng. Sum. 1972

069609 75.8 P842
Purple top roll disease of potato. [Leafhoppers, vectors]. Nagaich, B B *Amer Potato J* 50 (3): 79-85. Ref. Mar 1973

069610 442.8 AN72
Transmission of rayado fino virus of maize (Zea mays) by Dalbulus maidis. Gamez, R *Ann Appl Biol* 73 (3): 285-292. Ref. Apr 1973

069611 442.8 AN72
Further studies on seed transmission in ecology of some aphid-transmitted viruses. [Lettuce, turnips, cauliflower]. Tomlinson, J A *Ann Appl Biol* 73 (3): 293-298. Ref. Apr 1973

069612 SB599.A5
Observations on leafroll-virus infection of commonly used grape hybrid stock varieties. (Fre) Boubals, D *Ann Phytopathol* Special No: 23-25. Eng. Sum. 1972

069613 450 B52
Relation between electric impedance of apple-tree tissues & proliferation disease. Dostalik, J *Biol Plant* 15 (2): 112-115. 1973

069614 450 B52
Effect of kinetin on organogenesis in tobacco (Nicotiana glauca Grah.) callus cultures derived from healthy & mycoplasma-infected plants. Petru, E *Biol Plant* 15 (2): 126-128. 1973

069615 450 B52
Spread of mycoplasma in tobacco (Nicotiana glauca Grah.)a symptomless carrier of potato witches' broom disease. Limberk, J *Biol Plant* 15 (2): 135-136. 1973

069616 450 C16
Suppression of symptoms of apple leaf pucker disease in an occurrence pattern that indicates virus interaction. Welch, M F *Can J Plant Sci* 53 (1): 137-145. Ref. Jan 1973

069617 450 C16
Effectiveness of antibiotics applied as postinoculation sprays against clover phyllody & aster yellows. Chiykowski, L N *Can J Plant Sci* 53 (1): 87-91. Ref. Jan 1973

069618 464.9 C47
Tobacco vein-banding mosaic virus. [Myzus persicae, insect vectors]. (Chi) Chin, W T *Chung-hua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (3): 116-124. Eng. Sum. Sept 1972

069619 464.9 C47
Transmission of rice stripe by small brown planthopper Laodelphax striatellus Fallen. [Virus disease]. (Chi) Chiu, M D *Chung-hua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (3): 89-94. Eng. Sum. Sept 1972

069620 64.8 C883
Diallel analysis of resistance of corn (Zea mays L.) to corn stunt. [Virus]. Nelson, L R *Crop Sci* 13 (2): 162-164. Ref. Mar/Apr 1973

069621 64.8 C883
Prediction of reactions to maize dwarf mosaic virus in double-cross hybrids based upon single-cross reaction. [Host-plant resistance]. Zuber, M S *Crop Sci* 13 (2): 172-175. Mar/Apr 1973

069622 S19.F37
Count down on cardamom viruses. [Elettaria cardamomum]. Sharma, D C *Farmer Parliament* 7 (12): 13-15. Dec 1972

069623 421 P692
Diseases of food legumes caused by pea leaf roll virus in Iran. Kaiser, W J *FAo Plant Prot Bull* 20 (6): 127-132, 135. Map. Ref. Dec 1972

069624 421 P692
Evidence for spread of cadang-cadang disease of coconut from tree to tree. Price, W C *FAo Plant Prot Bull* 20 (6): 133-135. Map. Dec 1972

069625 275.29 G29L
Camellia diseases. [Fungi, viruses]. Motsinger, R E University Cooperative Extension Service *Ga Univ Ext Leafl* 147, 2 P. Apr 1973

069626 464.8 G33
Virus infection & chimeras of Ligustrum vulgare. (Ger) Hardtl, H *Gesunde Pflanzen* 25 (2): 32-35. Ref. Feb 1973

069627 105.1 G344
Virus diseases of mushrooms. (Fre) Spire, D *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 340-352. Ref. 1972

069628 105.1 G344
In vitro culture of mycoplasmas of plants & their transmission by vectors. [Euscelis plebejus, apples]. (Fre) Giannotti, J *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 429-440. Ref. Eng. Sum. 1972

069629 105.1 G344
Mycoplasmas as a cause of plant diseases, with reference to Italian situation. Belli, G *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 441-449. Ref. 1972

069630 105.1 G344
'Lissers', a yellows disease in hyacinths, apparently caused by a Mycoplasma. [Macrosteles sexnotatus, vectors, Vinca rosea]. Slogteren, D H M van *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 450-457. 1972

069631 105.1 G344
Resistance in beans to strains of bean common mosiac virus. Hubbeling, N *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 458-466. Ref. 1972

069632 105.1 G344
Spread of virus diseases on strawberries in area Breda-Hoogstraten-Zundert. (Dut) Aerts, J *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 467-478. Map. Eng. Sum. 1972

069633 105.1 G344
Turnip mosaic virus isolated from rhubarb plants in Belgium. (Fre) Verhoyen, M *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 479-491. Ref. Eng. Sum. 1972

069634 105.1 G344
Effect in vitro of soil fumigants on soil microbial population in relation to degradation of tobacco mosaic virus. Doraiswamy, S *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 492-499. Ref. 1972

069635 99.9 G795RE
Virus diseases of forest trees. Biddle, P G *Great Brit Forest Comm Rep Forest Res* P. 153. 1972

069636 S544.3.H3H32
Papaya mosaic disease. Ishii, M *Hawaii Univ Ext Leaf1* 95, 6 P. Sept 1972

069637 SB211.P8G4
Genetics of potato resistance to pathogens. [Virus diseases]. (Rus) Kameraz, A IA *In Genetika Kartofelia* P. 175-233. 1973

069638 SB123.S45
On grafting non-viral meristems of potatoes to plant-feeders in order to obtain healthy stock. (Rus) Dunin, M S *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 71-73. 1972

069639 22 AG83I
Note on measurement of leaf area of tomato (Lycopersicon esculentum Mill.) plants from linear parameters. [Virus diseases, photosynthesis]. Garg, I D *Indian J Agr Sci* 42 (10): 958-959. Oct 1972

069640 420 IN23
Relation between date of sowing & incidence of sesamum phyllody & abundance of its cicadellid vector. [Orosius albicinctus]. Mathur, Y K *Indian J Entomol* 34 (1): 74-75. (Pub Jan 1973)

069641 442.8 IN2
Physiology of yellow-vein mosaic virus disease in okra, Abelmoschus esculentus L. in relation to its preference by Aphis gossypii G. & Amrasca devastans (Dist.) (Homoptera). Regupathy, A *Indian J Exp Biol* 10 (6): 436-438. Ref. Nov 1972

069642 464.8 IN2
Tobacco mosaic virus resistance in lycopersicon. [Tomatoes]. Tewari, R *Indian Phytopathol* 25 (3): 392-400. Ref. Sept 1972

069643 464.8 IN2
Studies on symptoms & mode of transmission of leaf crinkle virus of urd bean [Phaseolus mungo]. Kolte, S J *Indian Phytopathol* 25 (3): 401-404. Sept 1972

069644 SB599.I48
Identification & classification of tobacco mosaic virus strains existing in Romania. (Rum) Jilaveanu, A *Inst Cercet Pentru Prot Plant An* 8: 19-32. Ref. Eng. Sum. (Pub. 1972)

069645 SB599.I48
Contributions to epidemiology & control of plum pox virus in Romania. (Rum) Pop, I *Inst Cercet Pentru Prot Plant An* 8: 33-42. Ref. Eng. Sum. (Pub. 1972)

069646 SB599.I48
Research on apple latent viruses. (Rum) Minoiu, N *Inst Cercet Pentru Prot Plant An* 8: 43-52. Ref. Eng. Sum. (Pub. 1972)

069647 SB599.I48
Electron microscopy of cytoplasmatic inclusions evident in Nicotiana clevelandii Gray. Cells infected by plum pox virus. (Rum) Macovei, A *Inst Cercet Pentru Prot Plant An* 8: 63-68. Ref. Eng. Sum. (Pub. 1972)

069648 SB599.I48
Research on viruses & virus disease affecting grape vine in Romania. II. Grape vine vein yellowing. (Rum) Pop, I *Inst Cercet Pentru Prot Plant An* 8: 81-87. Eng. Sum. (Pub. 1972)

069649 SB731.A1I7
A report on isolation of watermelon mosaic virus in Iran. Ebrahim-Nesbat, F *Iranian J Plant Pathol* 8 (1): 10-12. Ref. Mar 1972

069650 420 EN823
Transmission of Fiji disease by Perkinsiella saccharicida Kirkaldy collected from northern Queensland. [Virus diseases, Sugarcane]. Osborn, A W *J Aust Entomol Soc* 11 (4): 344-346. Map. Dec 1972

069651 QR360.A1J6
Cross-linking of RNA induced by ultraviolet irradiation of particles of raspberry ringspot virus. Mayo, M A *J Gen Virol* 19 (1): 155-159. Apr 1973

069652 421 J826
High resolution autoradiography of mycoplasmalike organisms multiplying in some tissues of an insect vector for clover-phyllody. Gouranton, J *J Invertebrate Pathol* 21 (2): 158-163. Mar 1973

069653 442.8 J8224
An X-ray scattering investigation of broad bean mottle virus in solutions of various electron densities. White, R A *J Mol Biol* 75 (3): 549-558. Ref. Apr 15, 1973

069654 66.8 L69
Occurence & some properties of newly determined sugar beet viruses on European & American continent. (Cze) Chod, J *Listy Cukrov* 89 (1): 8-10. Ref. Eng. Sum. Jan 1973

069655 448.3 K54
On possible role of plants in mechanism of arboviral infection transmission. (Ukr) Topchii, M K *Mikrobiol Zhur* 34 (1): 76. Jan/Feb 1972

069656 448.3 K54
Possibility to cultivate arboviruses in tissue cultures of plant origin. (Ukr) Vasyl'ieva, V L *Mikrobiol Zhur* 34 (1): 77-78. Jan/Feb 1972

069657 448.3 K54
Viral diseases of winter wheat. (Ukr) Onyshchenko, A M *Mikrobiol Zhur* 34 (1): 78-80. Jan/Feb 1972

069658 448.3 K54
Virulence of potato X-virus under natural conditions. (Ukr) Anokhin, V M *Mikrobiol Zhur* 34 (1): 80-81. Jan/Feb 1972

069659 448.3 K54
Study of potato X-virus reproduction in callus tissue of Datura stramonium. (Ukr) Zhuk, I P *Mikrobiol Zhur* 34 (1): 82-83. Jan/Feb 1972

069660 448.3 K54
Activity of photosynthetic phosphorylation reaction of chloroplasts isolated from leaves of Stramonium plants affected with different strains of potato X-virus. (Ukr) Moskovets', S M *Mikrobiol Zhur* 34 (1): 83-84. Jan/Feb 1972

069661 448.3 K54
Antiviral activity of extracts from gamma-irradiated potato tubers. (Ukr) Moskovets', S M *Mikrobiol Zhur* 34 (1): 85-86. Jan/Feb 1972

069662 448.3 K54
Sanitation of potato from viral diseases by method of meristem culture. (Ukr) Horbarenko, M I *Mikrobiol Zhur* 34 (1): 87-88. Jan/Feb 1972

069663 448.3 K54
Antiviral & phytostimulating properties of imanine indivi-. (Ukr) Bobyr, A D *Mikrobiol Zhur* 34 (5): 620-624. Eng. Sum. Sept/Oct 1972

069664 448.3 K54
Identification of virus isolated from potato plants of variety Lorkh affected with gothic. (Ukr) Grama, D P *Mikrobiol Zhur* 34 (5): 625-629. Eng. Sum. Sept-/Oct 1972

069665 442.8 N22
On distribution of XVirus of potatoes in tissue culture of Datura stramonium. (Rus) Zhuk, I P *Nauch Dokl Vyssh Shk, Biol Nauk* 2: 104-107. 1973

069666 442.8 N22
Developing optimum conditions for gel filtration of mosaic virus of Bromus on granulated agar & agarose. [Barley]. (Rus) Vakhabov, A Kh *Nauch Dokl Vyssh Shk, Biol Nauk* 2: 98-103. 1973

069667 442.8 N22
Obtaining & practical use of virus free tomato seeds in open ground. (Rus) Vlasov, IU I *Nauch Dokl Vyssh Shk, Biol Nauk* 6: 119-122. 1972

069668 464.8 T44
Changes in quantity of ribosomes in healthy & virus-diseased plants during senescence. [Tobacco]. Venekamp, J H *Neth J Plant Pathol* 79 (2): 62-69. Ref. 1973

069669 464.8 T44
Spread of carnation mottle virus in carnations in glasshouses. [Dianthus caryophyllus]. Zandvoort, R *Neth J Plant Pathol* 79 (2): 81-84. 1973

069670 64.8 N76
Spread of alfalfa mosaic virus on different lucerne varieties. (Hun) Beczner, L *Novenytermeles* 22 (1): 15-23. Ref. Eng. Sum. Mar 1973

069671 64.8 N76
Effect of hormonally induced leaf senescence on virus susceptibility in tobacco. (Hun) Gaborjanyi, R *Novenytermeles* 22 (1): 9-13. Ref. Eng. Sum. Mar 1973

069672 SB354.O28
Virus diseases in fruit culture. (Ger) Westphalen, H J *Obst Gart* 92 (3): 82. Mar 1973

069673 464.8 OC32
Echinocystis lobata – a new reservoir of cucumber mosaic virus in Poland. (Pol) Bednarek, J *Ochrona Roslin* 16 (6): 16-17. June 1972

069674 100 OH3S (2)
Man vs. Virus. [Corn, tomatoes]. *Ohio Agr Res Develop Center Res Bull* 1061: 5-6. 1972

069675 100 OH3RS
Further studies on effects of CO2 [carbon dioxide] enrichment & temperature on yield & quality of several new TMV [tobacco mosaic virus]-resistant tomato lines an Bauerle, W L *Ohio Agr Res Develop Center Res Sum* 66: 17-20. Apr 1973

069676 100 OH3RS
Resistance of Ohio TMV [tobacco mosaic virus]-resistant cultivars to double streak & combination cucumber mosaic virus & TMV [tobacco mosaic virus] disease. Farley, J D *Ohio Agr Res Develop Center Res Sum* 66: 25-27. Apr 1973

069677 8 P832J
A mosaic of Vigna hosei (Craib) Back, a common weed in Puerto Rico. Perez, J E *P R Univ J Agr* 57 (1): 56-64. Jan 1973

069678 475 P174
Shredded-leaf disease of papaya tree. [Virus diseases]. Faruqi, M A *Pakistan J Sci Indus Res* 15 (3): 205-207. June 1972

069679 25 P543
Seasonal fluctuation of aphid population in eastern Visayas (Leyte) as affected by certain environmental conditions. [Aphididae, mosaic virus, transmission, abaca]. Banados, L L *Philippine J Plant Indus* 35 (3/4): 171-176. 1970 (Pub. 1972)

069680 464.9 P562
Lesions visualized by a brief freeze treatment on leaves systemically infected with viruses. [Tobacco]. (Jap) Ohashi, Y *Phytopathol Soc Jap Ann* 39 (1): 81-82. Jan 1973

069681 464.8 P562
Intracellular location & some properties of Mirabilis mosaic virus, a new member of cauliflower mosaic group of viruses. Brunt, A A *Phytopathol Z* 76 (3): 265-2759 ref. Mar 1973

069682 464.8 P56
Spinach yellow dwarf virus. Thomas, C E *Phytopathology* 63 (4): 538-539. Apr 1973

069683 464.8 P56
Serological, physical, & chemical properties of strains of cherry leaf roll virus. Walkey, D G A *Phytopathology* 63 (5): 566-571. Ref. May 1973

069684 464.8 P56
Reaction of resistant & susceptible sugar beet cultivars to beet yellows & beet western yellows viruses. Hills, F J *Phytopathology* 63 (5): 621-624. May 1973

069685 464.8 P56
Factors affecting dissociation of southern bean mosaic virus. Sehgal, O P *Phytopathology* 63 (5): 629-633. Ref. May 1973

069686 464.8 P56
Comparisons of soil-borne wheat mosaic virus isolates from Japan & United States. Usuchizaki, T *Phytopathology* 63 (5): 634-639. Ref. May 1973

069687 1.9 P69P
Phyllody of florists' Hydrangea caused by hydrangea ringspot virus. Zeyen, R J *Plant Dis Rep* 57 (4): 30-304. Ref. Apr 1973

069688 1.9 P69P
Quail pea mosaic virus: a new member of comovirus group. Moore, B J *Plant Dis Rep* 57 (4): 311-315. Apr 1973

069689 1.9 P69P
Overwintering of pea seedborne mosaic virus in hairy vetch, Vicia villosa. Stevenson, W R *Plant Dis Rep* 57 (4): 349-352. Ref. Apr 1973

069690 1.9 P69P
Blossom symptoms associated with three virus diseases of apple. Welsh, M F *Plant Dis Rep* 57 (4): 359-361. Apr 1973

069691 1.9 P69P
Mechanically transmissible viruses from corn & sorghum in South Dakota. Moline, H E *Plant Dis Rep* 57 (4): 373-374. Apr 1973

069692 1.9 P69P
Turnip mosaic virus on annual stock in Argentina. Pontis, R E *Plant Dis Rep* 57 (4): 379-382. Ref. Apr 1973

069693 450 P695
Phytosan (Consan 20) – disinfectant for plant viruses. Cheo, P C *Plant Life* 29 (1/4): 107-108. Jan/Oct 1973

069694 464.8 P692
Beet mosaic a declining disease in England. Heathcote, G D *Plant Pathol* 22 (1): 42-45. Ref. Mar 1973

069695 20.5 P84
Trends in nomenclature & classification of viruses. (Pol) Fiedorow, Z *Postepy Nauk Roln* 4: 87-98. Ref. 1972

069696 SB950.A1P3
Viruses of Colocasia esculenta & Xanthosoma saggitifolium. [Dasheen, yautias]. Kenten, R H *PAns Pest Artic News Summ* 19 (1): 38-41. Mar 1973

069697 442.8 R11
Mechanism of inhibition of tobacco mosaic virus reproduction in X-irradiation tobacco leaves. (Rus) Pod'iapol'skaia, T S *Radiobiologiia* 13 (1): 149-152. Ref. Eng. Sum. Jan/Feb 1973

069698 80 R32
Some studies undertaken in Corsica in area of citrus virology. (Fre) Vogel, R *Rev Hort* 2311: 45-51. Jan/Feb 1973

069699 SB599.R6
Effect of broadbean true mosaic virus, common & enation pea mosaic viruses on growth & yields of horsebean. (Pol) Blaszczak, W *Rocz Nauk Roln Pol Agric Annu Ser E Ochr Rosl* 2 (2): 57-67. Ref. Eng. Sum. 1972

069700 420 R81
Orgins of vector-borne plant viruses. Tinsley, T W *Roy Entomol Soc London Symp* 6: 43-50. Ref. 1972

069701 442.9 SA6
Ultrastructure of Mycoplasma responsible for corn stunt cultivated in liquid medium. Pereira, A L G *Sao Paulo Inst Biol Arq* 39 (1): 59-62. Jan/Mar 1972

069702 66.8 SU34B
Sugarbeet leafhopper-curley top virus carrier. *Sugar Beet* P. 17. Spring 1973

069703 S19.T3
Transmission of feathery mottle complex of sweet potato in Taiwan. [Virus diseases, Bemisia tabaci]. (Chi) Yang, I L *Taiwan Agr Quart* 8 (4): 124-134. Ref. Eng. Sum. Dec 1972

069704 65.9 F76R
Freeing sugarcane from mosaic virus by apical meristem culture & tissue culture. (Chi) Leu, L S *Taiwan Sugar Exp Sta Rep* 57: 57-63. Ref. Eng. Sum. Sept 1972

069705 65.9 F76R
Bionomics of Matsumuratettix hiroglyphicus Matsumura, an insect vector of sugarcane white leaf disease. III. A study on relationship between environmental factors & oviposition. (Chi) Yang, S L *Taiwan Sugar Exp Sta Rep* 57: 65-74. Ref. Eng. Sum. Sept 1972

069706 20 AK16
Effect of virus diseases on yield & quality of green mass & hay of alfalfa. (Rus) Eliseeva, Z N *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 108-111. Feb 1973

069707 448.8 V81
Coat protein & symptom specification in tobacco rattle virus. Ghabrial, S A *Virology* 52 (1): 1-12. Ref. Mar 1973

069708 448.8 V81
Inoculation of vector cell monolayers with potato yellow dwarf virus. Hsu, H T *Virology* 52 (1): 187-198. Ref. Mar 1973

069709 448.8 V81
Synthesis of TMV [tobacco mosaic virus]-RNA & ribosomal RNA in cultured tomato root tips. Fraser, R S S *Virology* 52 (1): 275-280. Ref. Mar 1973

069710 448.8 V81
Serological relationship between maize rough dwarf virus & rice black-streaked dwarf virus. Luisoni, E *Virology* 52 (1): 281-283. Ref. Mar 1973

069711 448.8 V81
Comparative efficiencies of assays of a plant virus by lesions on leaves & on vector cell monolayers. Hsu, H T *Virology* 52 (1): 284-286. Ref. Mar 1973

069712 448.8 V81
Potato spindle tuber disease produced by pathogenic RNA from citrus exocortis disease: evidence for identity of causal agents. Semancik, J S *Virology* 52 (1): 292-294. Mar 1973

069713 448.8 V81
Importance of leaf hairs in transmission of tobacco mosaic virus by aphids. Harris, K F *Virology* 52 (1): 295-300. Ref. Mar 1973

069714 448.8 V81
Detection of mycoviruses using antiserum specific for dsRNA. Moffitt, E M *Virology* 52 (1): 301-304. Mar 1973

069715 448.8 V81
Homologous interference between components of tobacco rattle virus. Morris, T J *Virology* 52 (1): 314-317. Ref. Mar 1973

069716 448.8 V81
A study of structure of eggplant mottled dwarf virus. Russo, M *Virology* 52 (1): 39-48. Ref. Mar 1973

069717 448.8 V81
Proteins synthesized in tobacco leaves infected with tobacco necrosis virus & satellite tobacco necrosis virus. Jones, I M *Virology* 52 (1): 49-56. Ref. Mar 1973

069718 448.8 V81
Antigenic specificity of different states of aggregation of tabacco mosaic virus protein. Van Regenmortel, M H V *Virology* 52 (1): 89-104. Ref. Mar 1973

069719 95.8 W73
Grapes with virus diseases, a danger for viticulture. (Ger) Hartmair, V *Winzer* 28 (7): 168-170. July 1972

069720 464.8 Z1
An unkown virus disease of raspberry. (Cro) Jordovic, M *Zastita Bilja* 23 (117/118): 79-82. Eng. Sum. 1972

069721 448.3 C33 (3)
Investigation on pelargonium leaf curl virus in Czechoslovakia. (Ger) Chod, J *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 127 (7/8): 676-682. Ref. Eng. Sum. 1972

069722 448.3 C33 (3)
Contribution to knowledge of transmissibility of cherry leaf-roll virus by seeds of Sambucus racemosa L. (Ger) Shcimanski, H H *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 127 (708): 673-675. Ref. Eng. Sum. 1972

069723 20.5 Z5
Virus of cucumber mosaic on Echinocystis lobata Michx. Torr. et gr.). (Pol) Maj, Z *Zeszyty Probl Postepow Nauk Roln* 133: 109-121. Ref. Neg. Sum. 1972

069724 20.5 Z5
Preliminary observations on occurrence of oat blue dwarf. [Macrosteles laevis, vectors]. (Pol) Hoppe, W *Zeszyty Probl Postepow Nauk Roln* 133: 123-141. Ref. Eng. Sum. 1972

069725 20.5 Z5
Effect of alkaloids, ephedrine & nicotine on infective properties of sap from tobacco leaves infected by potato virus X (Solanum virus 1, Smith). (Pol) Kamienska-Zyla, M *Zeszyty Probl Postepow Nauk Roln* 133: 13-22. Eng. Sum. 1972

069726 20.5 Z5
Further observations on occurence of wheat virus disease with symptoms of wheat striate & results of some studies on its transmission. [Psammotettix alienus, vectors]. (Pol) Hoppe, W *Zeszyty Probl Postepow Nauk Roln* 133: 143-144. Eng. Sum. 1972

069727 20.5 Z5
New research in mechanism of synthesis of plant viruses. (Pol) Miczynski, K *Zeszyty Probl Postepow Nauk Roln* 133: 145-164. Ref. Eng. Sum. 1972

069728 20.5 Z5
Physiological impact of coumarin on healthy plants & those infected by virus diseases. [Tobacco, mosaic]. (Pol) Mikulska-Macheta, A *Zeszyty Probl Postepow Nauk Roln* 133: 165-172. Ref. Eng. Sum. 1972

069729 20.5 Z5
New research in viruses occurring in fungi. (Pol) Zajac, Z *Zeszyty Probl Postepow Nauk Roln* 133: 173-187. Ref. Eng. Sum. 1972

069730 20.5 Z5
Influence of DMSO on synthesis ot tobacco mosaic virus in discs cut out from leaves of Nicotiana tabacum var. Samsun. [Tobacco]. (Pol) Wajda, L *Zeszyty Probl Postepow Nauk Roln* 133: 23-30. Ref. Eng. Sum. 1972

069731 20.5 Z5
Observations on photosynthesis of potatoes infected by potato virus X. (Pol) Korlakowska, K *Zeszyty Probl Postepow Nauk Roln* 133: 31-39. Ref. Eng. Sum. 1972

069732 20.5 Z5
Light intensity & temperatures as factors conditioning occurrance of symptoms of potato virus y in leaf tests. (Pol) Kordzinski, J *Zeszyty Probl Postepow Nauk Roln* 133: 41-50. Ref. Eng. Sum. 1972

069733 20.5 Z5
Detection of viruses M & S with aid of a test plant Lycopersicum chilense Dun. (Pol) Kaczmarek, U *Zeszyty Probl Postepow Nauk Roln* 133: 51-57. Ref. Eng. Sum. 1972

069734 20.5 Z5
Status of studies on tobacco virus disease caused by Lycopersicum virus 3, Smith (TSWV). (Pol) Jankowski, F *Zeszyty Probl Postepow Nauk Roln* 133: 59-70. Ref. Eng. Sum. 1972

069735 20.5 Z5
Spreading of narrow leaf disease virus (Phaseolus virus 2 (Pierce) Smith) in yellow lupine plants as related to age & place of plant inoculation. (Pol) Blaszczak, W *Zeszyty Probl Postepow Nauk Roln* 133: 71-73. Eng. Sum. 1972

069736 20.5 Z5
Reaction of bean varieties Phaseolus vulgaris L. & Phaseolus multiflorus Lam. to red clover necrotic mosaic virus. (Pol) Kowalska, C *Zeszyty Probl Postepow Nauk Roln* 133: 74-80. Eng. Sum. 1972

069737 20.5 Z5
Certain viruses lack ability to spread with seed of red clover. (Pol) Kowalska, C *Zeszyty Probl Postepow Nauk Roln* 133: 81-84. Ref. Eng. Sum. 1972

069738 20.5 Z5
Tentative evaluation of the intensity of infection with the virus of beet leaf curl in Piesma quadrata population. (Pol) Wegorek, W *Zeszyty Probl Postepow Nauk Roln* 133: 85-93. Map. Eng. Sum. 1972

069739 20.5 Z5
Free amino acids in potatoes infected with virus Y. (Pol) Pojnar, E *Zeszyty Probl Postepow Nauk Roln* 133: 9-12. Eng. Sum. 1972

069740 20.5 Z5
Studies on significance of certain weeds in spreading virus of beet yellows (Beta virus 4, Smith). (Pol) Ksiazek, D *Zeszyty Probl Postepow Nauk Roln* 133: 95-108. Ref. Eng. Sum. 1972

MISCELLANEOUS PLANT DISEASES, INJURIES, AND CONTROL

069741 S544.3.W6W53
1973 Apple pest control. Koval, C F *A Coop Ext Programs Univ Wis* A1932, 11 P. Jan 1973

069742 S544.3.W6W53
1973 Cherry pest control. Koval, C F *A Coop Ext Programs Univ Wis* A1933, 8P. Feb 1973

069743 S544.3.W6W53
1973 Strawberry pest control. Koval, C F *A Coop Ext Programs Univ Wis* A1934, 8 P. Feb 1973

069744 S544.3.W6W53
Pest control in forage & small grains: weeds, insects, diseases. Doersch, R E *A Coop Ext Programs Univ Wis* A1981, 14 P. Jan 1973

069745 S544.3.W6W53
Pest control in commercial pickling cucumber production. [Weed control]. Binning, L K *A Coop Ext Programs Univ Wis* A2358, 3 P. Dec 1972

069746 S544.3.W6W53
Pest control in commercial vine crop production. Binning, L K *A Coop Ext Programs Univ Wis* A2465, 8 P. Jan 1973

069747 S544.3.W6W53
Pest control in commercial vine crop production. Binning, L K *A Coop Ext Programs Univ Wis* 2465, 8 P. Jan 1973

069748 11 AC82
Cracking in cherries. VI. Cracking susceptibility in relation to growth rhythm of fruit. Christense, J V *Acta Agr Scand* 23 (1): 52-54. 1973

069749 450 AC823
Examination of toxic effect of copper salts in maize. Frenyo, V *Acta Bot* 18 (1/2): 91-94. 1973

069750 413.9 AC8
Laboratory tests of electrorepellents for protecting orchards, airports & other objects against birds. (Pol) Jozefik, M *Acta Ornithol* 13 (9): 323-341. Ref. Eng. Sum. Nov 30, 1972

069751 22.5 N682
Effect of toxicity of crop residues on following cropping. [Soils, wheat]. (Jap) Sawada, Y *Agric Hortic* 48 (4): 28-32. Ref. Apr 1973

069752 22.5 N682
Recent topics on control of soil-borne plant diseases in vegetables. (Jap) Matsuda, A *Agric Hortic* 48 (4): 68-72. Apr 1973

069753 442.9 AK18
Study of activity & isoenzyme composition of oxydation enzyme in potato infected with potato nematode. [Heterodera rostochiensis]. (Rus) Haberman, E *Akad Nauk Est Ssr Izv Ser Biol* 21 (4): 348-356. Ref. 1972

069754 TP559.G3A5
Plant protection – environmental protection. [Grapes]. (Ger) Becker, T *Allg Dtsch Weinfachztg* 109 (8): 197-199. Feb 23, 1973

069755 80 AM329
Leaf-tip die-back of Cattleya: what's real cause? Poole, H A *Amer Orchid Soc Bull* 42 (3): 227-230. Mar 1973

069756 75.8 P842
More about potato nematode, Heterodera rostochiensis Woll., in Peru. De Scurrah, M M *Amer Potato J* 50 (2): 58-61. Ref. Feb 1973

069757 81 SO12
Effects of freezing on mature apple fruit tissue. Bir, R E *Amer Soc Hort Sci J* 98 (2): 215-218. Ref. Mar 1973

069758 442.8 AN72
Control of potato cyst-nematode, Heterodera rostochiensis, in sandy loam, by Du Pont 1410 (S-methyl l-(dimethylcarbamoyl)-N-[(methylcarbamoyl) osyl thioformimidate) applied to soil at planting time. Whitehead, A G *Ann Appl Biol* 73 (3): 325-328. Apr 1973

069759 SB295.B5A7
Occurrence of barren nuts in arecanut. Pillai, R S N *Arecanut Spices Bull* 4 (2): 10-11. Oct/Dec 1972

069760 SB295.B5A7
Some parasitic nematodes associated with spice crops. Venkitesan, T S *Arecanut Spices Bull* 4 (2): 12-14. Oct/Dec 1972

069761 23 AU792
Effect of tobacco crop disposal methods & soil fumigation on control of root-knot nematode (Meloidogyne javanica) in north-eastern Victoria. Paddick, R G *Australian J Exp Agr Anim Husb* 13 (60): 108-112. Feb 1973

069762 382 B52
Interrelationships in trace-element metabolism in metal toxicities in a cobalt-resistant strain of Neurospora crassa. Venkateswerlu, G *Biochem J* 132 (4): 673-680. Ref. Apr 1973

069763 79.9 B77
Phytocidal properties of several N-aryluronium & S-alkylisothiouronium arsonates. El-Nawawy, A S *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 1226-1233. 1972

069764 79.9 B77
Phytocidal properties of some S-alkylisothiouronium 2:2-dichloropropionates & trichloracetates. El-Nawawy, A S *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 1234-1242. 1973

069765 21.5 B87
Some results in combating diseases in grapes & peach trees at 'George Dimitrov' state farm during years 1969 – 1971. (Alb) Kaltani, T *Bul Shkencave Bujqesore* 11 (2): 87-95. Eng. Sum. 1972

069766 275.29 C12LEA
Guide to turfgrass pest control. McCain, A H *Calif Univ Ext Leafl* 209 (Rev), 28 P. Mar 1973

069767 450 C16
Causes of blossom-end rot of tomates based on tissue analysis. Ward, G M *Can J Plant Sci* 53 (1): 169-174. Ref. Jan 1973

069768 450 C16
Effects of soil management on numbers of root-lesion nematode Pratylenchus penetrans in soils of Ontario peach orchards. Marks, C F *Can J Plant Sci* 53 (1): 181-185. Ref. Jan 1973

069769 450 C16
Multiplication of root lesion nematode Pratylenchus penetrans under orchard cover crops. Marks, C F *Can J Plant Sci* 53 (1): 187-188. Jan 1973

069770 464.9 C16S
Losses from cereal diseases in Manitoba in 1971. Hagborg, W A F *Can Plant Dis Surv* 52 (4): 113-118. Dec 1972

069771 464.9 C16S
A qualitative survey of diseases of some specialty corps in Saskatchewan in 1970 & 1971: sunflower, safflower, buckwheat, lentil, mustards, & field pea. Morrall, B A *Can Plant Dis Surv* 52 (4): 143-148. Dec 1972

069772 464.9 C16S
Winterkill patterns of forage crops & winter wheat in P.E.I. [Prince Edward Island] in 1972. Suzuki, M *Can Plant Dis Surv* 52 (4): 156-159. Dec 1972

069773 464.9 C47
An investigation on cotton nematodes of Taiwan & a preliminary study on effects or reniform nematode, root-knot nematode & stubby-root nematode on cotton. (Chi) Tu, C C *Chung-hua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (3): 95-109. Ref. Eng. Sum. Sept 1972

069774 22.5 C88
Abnormal occurrence of empty grains of indica rice plants in dry, hot season in Thailand. [Fertilizers, temperature]. Osada, A *Crop Sci Soc Japan Proc* 42 (1): 103-109. Mar 1973

069775 6 W55
How weather influences crop disease. Felch, R E *Crops Soils* 25 (7): 12-16. Apr-/May 1973

069776 475 SCI23
Emperor Jahangir on plant disorders. Nene, Y L *Cur Sci* 42 (8): 294. Apr 20, 1973

069777 464.8 D36
Means of control of principal parasitic & adventitious pests of tobacco. [Insects, diseases, weeds]. (Fre) Cazamajour, F *Def Veg* 27 (159): 13-23. Jan/Feb 1973

069778 HD1401.D6
Role of potassium and cation equilibrium in the resistance of the plant to parasites and diseases. (Fre) Chaboussou, F *Doc Tech SCpa (soc Commer Potasses Azote)* 16, 26 P. Ref. First Quarter 1973

069779 TD172.E52
Foliar sensitivity of soybeans to ozone as related to several leaf parameters. Tingey, D T *Environ Pollut* 4 (3): 183-192. Ref. Apr 1973

069780 TD172.E52
Recovery of salt marsh vegetation from successive oil spillages. Baker, J M *Environ Pollut* 4 (3): 223-230. Apr 1973

069781 RA565.A1E5
Leaf age & air pollutant susceptibility: uptake of ozone & sulfur dioxide. [Tobacco, injuries]. Craker, L E *Environ Res* 6 (1): 91-94. Mar 1973

069782 SD1.E8
Salt tolerance of various poplar & willow species & clones in laboratory & field. [Populus, Salix]. (Ger) Dimitri, L *Eur J For Pathol* 3 (1): 24-38. Ref. Eng. Sum. Mar 1973

069783 18 W763
Tasks of plant protection agronomists, agricultural-chemical centers & national plant protection service in plant production. (Ger) Becker, H G *Feldwirtschaft* 14 (3): 104-108. Mar 1973

069784 18 W763
Tasks & organization of plant protection in USSR. (Ger) Becker, H G *Feldwirtschaft* 14 (3): 108-110. Mar 1973

069785 18 W763
Plant protection card for management, planning, & organization of plant protection. (Ger) Hubner, B *Feldwirtschaft* 14 (3): 114-116. Mar 1973

069786 18 W763
Measures for reducing drift damages with plant protective work, particularly when using agricultural aircraft. (Ger) Lembcke, G *Feldwirtschaft* 14 (3): 117-119. Ref. Mar 1973

069787 18 W763
Measures for reducing damages when using plant protectives & possibilities for regulation. (Ger) Rogoll, H *Feldwirtschaft* 14 (3): 119-120. Mar 1973

069788 18 W763
Industry-like beet culture & tasks of plant protection to control agents causing sprout damages. [Fungi, insects]. (Ger) Wiesner, K *Feldwirtschaft* 14 (3): 129-131. Mar 1973

069789 QK1.F5
Phosphorus metabolism of plants in connection with genotypic differences in pea resistance to toxicity of aluminum. (Rus) Klimashevskii, E L *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 5 (1): 26-32. Ref. Eng. Sum. Jan/Feb 1973

069790 80 W41
Oedema on geraniums – a review. Kiplinger, D C *Florists' Rev* 152 (3934): 23, 64-66. Apr 26, 1973

069791 80 W41
Common diseases of tropical foliage plants. Knauss, J F *Florists' Rev* 152 (3937): 26-27, 55-58. Ref. May 17, 1973

069792 80 F9493
Soil diseases in strawberry plant. (Fre) Lemaitre, R *Fruit Belg* 41 (361): 71. Jan/-Mar 1973

069793 80 F9464
Low temperature injury to peach flower buds in western Colo rado in recent years. Ure, C R *Fruit Var Hort Dig* 27 (1): 3-5. Jan 1973

069794 80 F9464
Relation between pre & post-harvest bitter pit of 'Goldspur' & 'wellspur' apples. England, D H *Fruit Var Hort Dig* 27 (2): 27-29. Apr 1973

069795 S217.A4
Cereal seed dressings. *G B Minist Agric Fish Food Short Term Leafl* 129, Rev., 8 P. Sept 1972

069796 275.29 G29B
Georgia apple disease & insect control guide. McGlohon, N E *Ga State Coll Agric Coop Ext Serv Bull* 643 (Rev), 12 P. Feb 1973

069797 275.29 G29C
Cotton disease control. Crawford, J L *Ga Univ Ext Circ* 651, 8 P. Mar 1973

069798 275.29 G29L
Azalea diseases. Motsinger, R E University Cooperative Extension Service *Ga Univ Ext Leafl* 146, 2 P. Apr 1973

069799 80 G1948
Damage from frost during flowering on apple varieties at Dresden-Pillnitz in 1972. (Ger) Schuricht, R *Gartenbau* 20 (1): 19-20. Jan 1973

069800 SB123.A1G4
Study on hereditary variation of plasma esterase in some breeds of sheep. (Bul) Makaveev, TS *Gen Selek* 6 (1): 73-76. Eng. Sum. 1973

069801 464.8 G33
Aspects of political economy in relation to problems caused by plant protection. (Ger) Fritsche, K *Gesunde Pflanzen* 25 (2): 28-31. Feb 1973

069802 105.1 G344
Air pollution for plants – problems of emission research. (Ger) Kloke, A *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 329-339. Ref. 1972

069803 105.1 G344
Cotton growing & crop protection in French speaking territories of Africa & Madagascar. [Pesticides, residues]. (Fre) Delattre, R *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 353-369. Eng. Sum. 1972

069804 105.1 G344
Rodent control in tropics. Shuyler, H R *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 416-424. Ref. 1972

069805 105.1 G344
Attractiveness of tomato seedlings treated with some nematicides to Heterodera rostochiensis larvae. Moussa, F *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 784-789. 1972

069806 105.1 G344
Chemical control of root-knot nematode on tobacco in Apuliz. [Meloidogyne incognita]. Lamberti, F *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 790-797. 1972

069807 105.1 G344
Systemic action of D-1410, S-methyl 1-(dimethylcarbamoyl)-N((methylcarbamoyl)oxy)thioformimidate, against Heterodera rostochiensis on potato & Pratylenchus on Rosa canina. (Dut) Bunt, J A *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 798-807. Ref. Eng. Sum. 1972

069808 105.1 G344
Action of some nematicides on eggs of Meloidogyne arenaria. (Fre) Berge, J B *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 808-815. 1972

069809 105.1 G344
Determination of efficacy of molluscicides in laboratory tests. [Wheat, slugs]. (Fre) Moens, R *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 816-823. Eng. Sum. 1972

069810 105.1 G344
3-Chloroallyl methyl sulfide, a product from reaction of 1,3-dichloropropene & biological materials. [Nematodes, control, potatoes]. Dekker, W H *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 865-868. 1972

069811 105.1 G344
Plant protection-environmental protection. (Ger) Berge, H *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 889-890. 1972

069812 99.8 H743
Actual problems of plant protection in Populus management. (Ger) Emschermann, F *Holzzucht* 26 (1/2): 11-15. Aug 1972

069813 80 H787
Air pollution – enemy of plants. Lacasse, N L *Horticulture* 51 (5): 46, 57-59. May 1973

069814 SB1.H6
Micro-contamination of horticultural products. Gould, W A *Hortscience* 8 (2): 116-119. Ref. Apr 1973

069815 SB1.H6
Watermelon root development affected by direct seeding & transplanting. Elmstrom, G W *Hortscience* 8 (2): 134-136. Apr 1973

069816 SB1.H6
Field resistance to root-knot nematode in muskmelon. [Meloidogyne]. Elmstrom, G W *Hortscience* 8 (2): 134 Apr 1973

069817 100 IL64
Will conservation tillage increase incidence of plant disease? [Corn, wheat]. Burns, E E *Ill Res* 15 (2): 8-9. Spring 1973

069818 SB123.S45
Breeding potatoes for resistance to most harmful & most widespread diseases & pests. (Rus) Kameraz, A IA *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 29-38. 1972

069819 SB123.S45
Genetic basis for potato breeding for resistance to Phytophthora infestans & virus diseases. (Rus) IAshina, I M *In Selektsiia i Semenovodstvo Kartofelia, Ovoshchnykh, Plod Ovykh Kul'tur i Vinograda* P. 14-21. 1972

069820 22 IN235
Effect of compatability of nutrient sprays with insecticides & fungicides for cotton. Wankhede, N P *Indian J Agron* 17 (3): 162-164. Sept 1972

069821 420 IN23
Testing of pesticides against giant african snail, Achatina fulica Bowdich. [Cabbage]. Bhardwaj, A K *Indian J Entomol* 34 (1): 42-45. Ref. (Pub. Jan 1973)

069822 420 IN23
Effect of some pesticides & growth regulators on Anguina tritici infesting wheat. Singh, I *Indian J Entomol* 34 (1): 77-79. (Pub. Jan 1973)

069823 65.8 IN26
Damaging effects of frost on sugarcane in Punjab. 1. Foliar injury & bud mortality. Gill, H S *Indian Sugar (calcutta)* 22 (8): 627-632. Nov 1972

069824 SB599.I48
Identification of species Meloidogyne incognita Chitwood, 1949 (Nematoda, Heteroderidae) in complex of greenhouse pests. (Rum) Romascu, E *Inst Cercet Pentru Prot Plant An* 8: 111-123. Ref. (Pub. 1972)

069825 464.9 P432
Studies in control of plant parasitic nematodes, using some halogenated hydrocarbon fumigants. Omidvar, A M *Iran Inst Rech Entomol Phytopathol Entomol Phytopathol Appl* 32: 2-3. Mar 1972

069826 340.9 SO1
Studies on leaf burn of pear trees. IV. Microclimatological investigation. (Jap) Iizuka, J *J Agric Meteorol (jap)* 28 (3): 33-36. Eng. Sum. Jan 1973

069827 340.9 SO1
Studies on protection against cold damage to citrus trees. V. Heating effect of combustion method using solid fuel. (Jap) Konakahara, M *J Agric Meteorol (jap)* 28 (4): 237-243. Ref. Eng. Sum. Mar 1973

069828 S19.J62
Some degeneration studies in important potato varieties during spring & autumn season in Punjab. Hussain, A *J Agric Res* 10 (1): 31-37. Mar 1972

069829 QH540.J6
Effect of lime on lead uptake by five plant species. [Wheat, oats, corn, subterranean clover, soybeans]. Cox, W J *J Environ Qual* 1 (2): 167-169. Ref. Apr/June 1972

069830 99.8 N62
Effect of sunshine upon frost damage of young Cryp-. (Jap) Horiuchi, T *Jap Forest Soc J* 55 (2): 43-45. Ref. Eng. Sum. Feb 1973

069831 87 H78
Studies on manganese deficiency in citrus. VI. Some factors affecting manganese content of new leaves. 2. (Jap) Ogata, R *Jap Soc Hort Sci J* 41 (3): 233-238. Eng. Sum. Sept 1972

069832 87 H78
Effects of nematodes on physiology of vegetable crops. IV. Influence of temperatures on level of root-knot nematodes infestation & their injury to plants. (Jap) Masuda, Y *Jap Soc Hort Sci J* 41 (3): 265-271. Ref. Eng. Sum. Sept 1972

069833 385 K524
Effect of micronutrients on damage capacity to strawberries by white spot & gray rot diseases. (Rus) Dorozhkin, N A *Khim Sel'skom Khoz* 10 (10): 50-51. 1972

069834 11 L236
Potato cyst nematodes in Norway: distribution, damage, & defense against them. (Nor) Kjos, J *Landbrukstidende* 79 (9): 208-212. Mar 3, 1973

069835 SD1.L4
Damages caused to arboreous species by beta-radiation of strontium-89. (Rus) Tikhomirov, F A *Lesovedenie* 5: 69-76. Ref. Eng. Sum. 1972

069836 275.29 M36B
Pest control 1973 recommendations: field crops. *Md Univ Ext Ext Bull* 237, Rev., 25 P. 1973

069837 275.29 M36B
Disease & nematode control in field crops. Weaver, L O *Md Univ Ext Ext Bull* 237, Rev.: 1-6. 1973

069838 QK600.M5
Fiftieth anniversary of scientific research work conducted at All-Union Research Institute of Sugar Beet on subject of protection of sugar beet plant from diseases. (Rus) Shevchenko, V N *Mikol Fitol* 6 (6): 471-476. 1972

069839 448.3 K54
Physiological properties of bacteria from genera Pseudomonas, Bacillus, Mycobacterium & their effect on phytopathogenic microorganisms. (Ukr) Alzeman, B I U *Mikrobiol Zhur* 34 (1): 97-101. Jan/-Feb 1972

069840 18 N39
Pests & diseases in raising of sugar beet. (Ger) Schaufele, W R *Mitt Deut Landwirt-ges* 88 (16): 446, 448. Apr 19, 1973

069841 442.9 M854
Biological control of plant diseases & weeds. (Rus) Gorlenko, M V *Moscow Univ Vestnik Ser 6 Biol Pochvoved* 6: 52-57. Nov/Dec 1972

069842 81 N46
Spread & control of Prunus stem pitting. Stouffer, R F *N J State Hort Soc Hort News* 54 (2): 22-28. Mar 1973

069843 514 N482
List of plant hosts of nematodes in New Zealand. Dale, P S *N Z J Sci* 15 (3): 442-448. Ref. Sept 1972

069844 442.9 B832
Plant protection legislation and advisory practice. (Ger) Hanuss, K *Nachrichtenbl Deut Pflanzenschutzdienstes* 25 (1): 1-6. Ref. Eng. Sum. Jan 1973

069845 464.8 T44
Flower-bud blasting in tulips caused by ethylene. Munk, W J de *Neth J Plant Pathol* 79 (2): 41-53. Ref. 1973

069846 464.4 N83
Stem nematode of clover. [Ditylenchus dipsaci]. (Nor) Stoen, M *Norway Landbruksdep Opplysningstjenesten Smaskr* 1, 4 P. 1973

069847 20.5 N86
Crop rotation as related to soil type & variability in nematode control. [Sugar beets]. (Pol) Berbec, E *Nowe Roln* 22 (3): 15-17. Feb 1/15 1973

069848 20.5 N86
Some remarks on contracting agricultural products. (Pol) Baluk, A *Nowe Roln* 23 (6): 15-16. March 16/31, 1973

069849 SB354.O28
Plant protection in vegetable culture 1973. (Ger) Engel, H *Obst Gart* 92 (3): 28-38. Mar 1973

069850 SB354.O28
Plant protection in fruit culture 1973: guidelines & advises for control of diseases, pests & weeds of pomaceous & stone fruit & berries. (Ger) Schick, W *Obst Gart* 92 (3): 3-16, 25-27. Mar 1973

069851 464.8 OC32
Sugar beet protection under conditions of modernized technique of cultivation. (Pol) Berbec, E *Ochrona Roslin* 10: 3-5. 1972

069852 464.8 OC32
Plant protection treatments as a way to decrease economic risk of fruit growing. (Pol) Mierzejewska, W *Ochrona Roslin* 10: 7-9. 1972

069853 464.8 OC32
Significance of crop rotation in plant protection against diseases. (Pol) Lacicowa, B *Ochrona Roslin* 10: 9-11. 1972

069854 464.8 OC32
Effect of intensification of potato culture on occur rence of nematode Heterodera rostochiensis. (Pol) Dzienia, S *Ochrona Roslin* 16 (1): 15-16. Jan 1972

069855 464.8 OC32
Development of plant protection research in work plan for 1972 of Plant Protection Institute. 2. (Pol) Podgorska, B *Ochrona Roslin* 16 (2): 3-5. Feb 1972

069856 464.8 OC32
Chemical products for plant protection in 1972. (Pol) Zielinska, E *Ochrona Roslin* 16 (3): 3-4. Mar 1972

069857 464.8 OC32
Potato varieties resistant to nematode Heterodera rostochiensis. (Pol) Malec, K *Ochrona Roslin* 16 (4): 10-11. Apr 1972

069858 464.8 OC32
Sugar beet nematode as pest of cabbage. [Heterodera schachtii]. (Pol) Brzeski, M W *Ochrona Roslin* 16 (4): 19. Apr 1972

069859 464.8 OC32
An appraisal of realization of plant protection program for years 1966 – 1970. (Pol) Wlodarczyk, C *Ochrona Roslin* 16 (4): 3-6. Apr 1972

069860 464.8 OC32
Plant protection, forest protection, nature conservation. (Pol) Koehler, W *Ochrona Roslin* 16 (4): 6-9. Apr 1972

069861 464.8 OC32
Tasks of plant protection for years 1972-1975. (Pol) Wlodarczyk, C *Ochrona Roslin* 16 (5): 3-7. May 1972

069862 464.8 OC32
Control of potato diseases in 1972. (Pol) Ksiazek, J *Ochrona Roslin* 16 (5): 7-14. May 1972

069863 464.8 OC32
Dressing of cereal seeds. (Pol) Weigle, E *Ochrona Roslin* 16 (7): 3-4. July 1972

069864 464.8 OC32
Potato nematode & its control. [Ditylenchus destructor]. (Pol) Malec, K *Ochrona Roslin* 16 (8/9): 7-8. Sept 1972

069865 100 OH3RS
Manganese toxicity in greenhouse lettuce. Bauerle, W L *Ohio Agr Res Develop Center Res Sum* 66: 35-39. Apr 1973

069866 100 OR3OR
Ice coat warms up pear trees. *Oreg Agr Progr* 19 (3): 7. Winter 1973

069867 475 P11
Ecology of rodents in Tonga Islands. [Crop damage]. Twibell, J *Pacific Sci* 27 (1): 92-98. Ref. Jan 1973

069868 475 P174
Coryneum blight & other diseases on apriot (Prunus armeniaca) in North-West Pakistan. [Stigminia carpophila]. Zafar, S I *Pakistan J Sci Indus Res* 15 (3): 193-195. Ref. June 1972

069869 SB351.A1P3
With better fungicides, leafspot control improves but other disease losses continue. Whitty, E B *Peanut Farmer* 9 (3): 20, 22, 24-25. Mar 1973

069870 25 P542
Meloidogyne incognita: its effects on tomato yield & some methods of control. Ducusin, A R *Philippine Agr* 55 (7/8): 261-281. Ref. Dec 1971/jan 1972

069871 25 P542
Chemical control of nematodes on cabbage in Atok, Benguet. [Pratylenchus, Trichodorus]. Davide, R G *Philippine Agr* 55 (7/8): 282-288. Dec 1971/jan 1972

069872 464.8 P56
Effect of Meloidogyne incognita acrita on susceptibility of cotton plants to Verticillium albo-atrum. Khoury, F Y *Phytopathology* 63 (4): 485-490. Ref. Apr 1973

069873 464.8 P56
Relationship between population densities of Pratylenchus penetrans & crop losses in summer-maturing vegetables in Ontario. Olthof, T H A *Phytopathology* 63 (5): 577-582. Ref. May 1973

069874 464.8 P56
Development of Meloidogyne hapla in peanut. Castillo, M B *Phytopathology* 63 (5): 583-585. May 1973

069875 1.9 P69P
Dynamics of cotton disease losses. Ranney, C D *Plant Dis Rep* 57 (4): 325-328. Apr 1973

069876 1.9 P69P
Moisture modification shelters for epidemiological studies of foliar diseases. Reid, J T *Plant Dis Rep* 57 (4): 329-332. Apr 1973

069877 1.9 P69P
Occurrence of a spiroplasma in corn stunt-infected plants in Mexico. Davis, R E *Plant Dis Rep* 57 (4): 333-337. Apr 1973

069878 1.9 P69P
Suppression of elm phleom necrosis symptoms with tetracycline antibiotics. [Ulmus americana]. Filer, T H *Plant Dis Rep* 57 (4): 341-343. Ref. Apr 1973

069879 1.9 P69P
Yield of alfalfa hay increased by control of foliar diseases. Wilcoxson, R D *Plant Dis Rep* 57 (4): 353-354. Apr 1973

069880 1.9 P69P
Effect of two mycophagous nematodes on Armillaria mellea root rot of Pinus ponderosa seedlings. [Aphelenchoides ciboleensis, Aphelenchoides composticola]. Riffle, J W *Plant Dis Rep* 57 (4): 355-357. Apr 1973

069881 1.9 P69P
Temperature effects on symptom expression of apple leaf pucker disease. Welsh, M F *Plant Dis Rep* 57 (4): 358-359. Apr 1973

069882 1.9 P69P
Relevance of Meloidogyne incognita-infected sweetpotato bedding roots on sprout transmission of nematode to succeeding crop. Nielsen, L W *Plant Dis Rep* 57 (4): 371-373. Apr 1973

069883 464.8 P692
Early prediction of slug damage to potatoes. Symonds, B V *Plant Pathol* 22 (1): 30-34. Mar 1973

069884 450 P696
Manganese deficeiency of sugar beet in organic soils. Farley, R F *Plant Soil* 38 (2): 235-244. Ref. Apr 1973

069885 80 P77
Phytosanitary protection of citrus fruits. (Fre) Ravel d'Esclapon, G de *Pomol Franc* 15 (1): 19-21. Jan 1973

069886 20.5 P84
Mathematical analysis of plant diseases epidemic. (Pol) Golenia, A *Postepy Nauk Roln* 19 (5): 109-122. Ref. Sept/Oct 1972

069887 20.5 P84
Role of man in origination & limitation of epidemic of cultivated plants. (Pol) Golenia, A *Postepy Nauk Roln* 4: 23-38. Ref. 1972

069888 20.5 P84
Tipburn of lettuce & means of preventing disease. (Pol) Borkowski, J *Postepy Nauk Roln* 4: 69-86. Ref. 1972

069889 513 N212
Epidemiological studies on citrus dieback complex in India. Nariani, T K *Proc Indian Natl Sci Acad* 37 (5, Pt. B): 365-371. Ref. Oct 1971 (Pub. Sept 1972)

069890 SB290.R9
Some new disorders of the stem and panel of Hevea. [Diseases]. Chee, K H *Proc RRIM Plant Conf (rubber Res Inst Malaya)* P. 179-188. 1971 (Pub. 1972)

069891 442.8 P94
Structure & development of a genetic tumour of pea. Burgess, J *Protoplasma* 76 (3/4): 315-325. Ref. 1973

069892 SB950.A1P3
A new strategy for control of damage by queleas. [Grain]. Ward, P *PAns Pest Artic News Summ* 19 (1): 97-106. Map. Ref. Mar 1973

069893 S537.V5A1
Va 770: a multiple disease resistant variety of flue-cured tobacco. LaPrade, J L *Res Div Bull Va Polytech Inst State Univ* 77, 8 P. Jan 1973

069894 80 R32
A biological match: Plants against animals. [Pests, natural control]. (Fre) Cayrol, J C *Rev Hort* 2311: 41-44. Ref. Jan/Feb 1973

069895 464.8 R322
Symptomatology of Ditylenchus dipsaci (Kuhn) Goodey infestation on garlic plant. (Spa) Urbieta Salvarredi, A *Rev Invest Agr Ser 5 Patol Veg* 9 (1): 1-14. Eng. Sum. 1972

069896 SB387.R4
Some rules to observe & precautions to take by users of plant protection products & herbicides. (Fre) Murbach, R *Rev Suisse Vitic Arboric* 5 (1): 10-12. Jan/Feb 1973

069897 SB387.R4
Commentary to 1973-1974 Guide for Treatments: Viticulture. (Fre) Baillod, M *Rev Suisse Vitic Arboric* 5 (1): 6-7. Jan/-Feb 1973

069898 SB387.R4
Commentary to 1973-1974 Guide for Treatments: Arboriculture. (Fre) Baggiolini, M *Rev Suisse Vitic Arboric* 5 (1): 7-9. Jan/Feb 1973

069899 SB267.A1R4
Nematodes associated with different plants at Centro de Pesquisas do Cacau, Bahia. Sharma, R D *Rev Theobroma* 2 (4): 38-43. Oct/Dec 1972

069900 S13.S55
Problems of plant protection in Siberia. (Rus) Ivanov, O A *Sib Vestn S-kh Nauk* 6: 51-55. Nov/Dec 1972

069901 505 N15
Processionary moth & muskrat in Loire-Atlantique . [Thaumetopoea pithyocampa, forest pests]. (Fre) Mahieu, N *Soc Sci Natur Ouest France Bull* 70 (3): 1-5. Oct 1972

069902 56.8 SO38
Tracer study on preferential uptake of germanium by rice plant. [Phytotoxicity]. Tensho, K *Soil Sci Plant Nutr* 18 (5): 173-178. Ref. Sept 1972

069903 99.8 W143
Occurrence of forest injuries in area of German Democratic Republic & forecasting for year 1972. (Ger) Templin, E *Sozialistische Forstwirtsch* 22 (4): 118-121. Apr 1972

069904 66.8 SU34B
Nematodes. [Sugarbeets]. *Sugar Beet* P. 19. Spring 1973

069905 61.9 SV23
A 'nematode bank' for production of inoculum of stem nematodes, Ditylenchus dipsaci. [Red clover, alfalfa]. (Swe) Bingefors, S *Sveriges Utsadesforen Tidskr* 82 (6): 320-329. Eng. Sum. 1972

069906 S19.T3
Parasitic nematodes control of cantaloupe. (Chi) Wong, T H *Taiwan Agr Quart* 8 (4): 178-184. Eng. Sum. Dec 1972

069907 S19.T3
Burrowing nematode problems in Taiwan. (Chi) Huang, C H *Taiwan Agr Quart* 8 (4): 86-95. Ref. Dec 1972

069908 65.9 F76R
Effect of zinc phosphide on rat control in sugarcane field. (Chi) Wang, P Y *Taiwan Sugar Exp Sta Rep* 57: 81-94. Ref. Eng. Sum. Sept 1972

069909 11 UP62
Cover crops as host plants for Pratylenchus penetrans. ability of green crops under favourable ecological conditions to stimulate predatory fungi in control of Pratylenchus penetrans. (Swe) Kauri-Paasuke, M *Uppsala Lantbrukshogsk Medd Ser A* 189, 17 P. Ref. Eng. Sum. 1973

069910 11 UP62
Biological control of replant diseases in nurseries. [Apples, Pratylenchus penetrans, Agropyron repens]. (Swe) Kauri-Paasuke, M *Uppsala Lantbrukshogsk Medd Ser A* 190, 11 P. Ref. Eng. Sum. 1973

069911 20 AK16
Effect of preceding crops on potato diseases. (Rus) Babaev, S A *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 52-55. Jan 1973

069912 99.8 M69
Investigations on damage to crop plants near a mettallurgical combine. (Ger) Warteresiewicz, M *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97 (1): 209-217. Ref. Eng. Sum. 1972

069913 99.8 M69
A biological method of determining fluorine compounds in atmospheric pollution. [Lolium multiflorum, Lolium perenne]. (Ger) Scholl, G *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97 (1): 255-269. Ref. Eng. Sum. 1972

069914 20 V82
On causes of thinning in alfalfa stands. (Ukr) Hasanenko, L S *Visnyk Sil's'kohospodar Nauk* 2: 67-70. Ref. Feb 1973

069915 275.29 W27MI
Disease & insect spray schedule for home orchards: apples, pears, crab apples; eastern Washington. Maloy, O C Cooperative Extension Service *Wash State Univ Ext Em* 3434 (Rev), 3 P. Feb 1973

069916 275.29 W27MI
Disease & insect spray schedule for home orchards: peaches, apricots, plums, cherries, flowering prunus. Davison, A D *Wash State Univ Ext Em* 3436 (Rev), 2 P. Feb 1973

069917 275.29 W27MI
Disease & insect spray schedule for home orchards: apples, pears, crab apples; western Washington. Davison, A D *Wash State Univ Ext Em* 3439 (Rev.), 2 P. Jan 1973

069918 275.29 W27MI
Disease & insect spray program for home gardens: deciduous trees, shrubs, perennial flowers. Davison, A D *Wash State Univ Ext Em* 3534 (Rev.), 2 P. Jan 1973

069919 275.29 W27MI
Insect & disease control guide for Washington state: commercially grown strawberries. Shanks, C H *Wash State Univ Ext Em* 3543 (Rev), 9 P. Feb 1973

069920 95.8 W73
Chlorosis in viticulture. (Ger) Killinger, O *Winzer* 28 (7): 166-167. July 1972

069921 384 Z39
Influence of mycotoxins on plants. (Ger) Reiss, J *Z Lebensmittel-untersuchung -Forsch* 151 (4): 256-259. Ref. Eng. Sum. Apr 26, 1973

069922 421 Z1
Contribution of aviation. [Plant protection]. (Rus) Nazarov, V A *Zashch Rast* 1: 12-15. Jan 1973

069923 421 Z1
Disinfecting grain with malathion. [Storage pests, diseases]. (Rus) Konashevich, V A *Zashch Rast* 1: 30-31. Jan 1973

069924 421 Z1
Basic categories & indices used in economics & organization of plant protection. (Rus) Ponomareva, E A *Zashch Rast* 1: 33-36. Jan 1973

069925 421 Z1
Fight for high yields. [Plant protection]. (Rus) Kravtsov, A A *Zashch Rast* 1: 4-6. Jan 1973

069926 421 Z1
Forecast for 1973. [Plant protection]. (Rus) Udintsov, P S *Zashch Rast* 1: 44-46. Jan 1973

069927 421 Z1
Problems of plant protection in Hungary. (Rus) Mikhailov, V A *Zashch Rast* 1: 50-51. Jan 1973

069928 421 Z1
Highly effective measures. [field crops, yields, plant protection]. (Rus) Zhdanov, A G *Zashch Rast* 1: 8-9. Jan 1973

069929 421 Z1
Significance of economic indices in plant protection. (Rus) Ponomareva, E A *Zashch Rast* 11: 36-39. Nov 1972

069930 448.3 C33 (3)
Investigations about cause of specific replant disease of fruit trees. III. Experiments to remove specific replant disease by steaming of soil at different temperatures. [Microorganisma]. (Ger) Otto, G *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 127 (708): 777-782. Eng. Sum. 1972

WEEDS AND HERBICIDES

069931 S544.3.W6W53
Annual weed control in corn. Doersch, R E *A Coop Ext Programs Univ Wis* A2031, 2 P. Jan 1973

069932 450 AC823
Investigation into 2,4-D effect on some metabolism indices in Vicia faba seedlings. [Broadbeans]. Horvath, M *Acta Bot* 18 (1/2): 131-133. 1973

069933 450 AC823
A herbicide effect in meiosis of Vicia faba. [Broadbeans]. Rojik, I *Acta Bot* 18 (1/2): 163-169. 1973

069934 22.5 N682
Recent progress in weed control technology. (Jap) Nakagawa, K *Agric Hortic* 48 (4): 17-20. Apr 1973

069935 256.13 AG82M
Wild oats & animal feedstuffs. [Avena fatua]. Courtney, A D *Agric North Irel* 47 (11): 389-390. Mar 1973

069936 385 AG83
Relationship between texture of 'grape soils' & optimal dosage of chlortriasine-based herbicide preparates. (Hun) Kiss, A *Agrokem Talajtan* 21 (3/4): 407-414. Ref. Eng. Sum. 1972

069937 385 AG89
Effect of systematic application of symtriazines on cultivated plant associations. (Rus) Spiridonov, IU IA *Agrokhimiia* 2: 118-127. Ref. Feb 1973

069938 385 AG89
State of plastid pigments in carrot leaves in relation to application of herbicide Solan. (Rus) Sivtsev, M V *Agrokhimiia* 2: 134-137. Ref. Feb 1973

069939 442.8 AL6
Residues of simazin in soil & in various organs & parts of apple trees. (Rus) *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 2: 30-33. Mar/Apr 1973

069940 442.8 AL6
Biological activity of southern Kazakhstan soils when herbicides are applied. (Rus) Chulakov, Sh A *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 2: 7-13. Ref. Mar-/Apr 1973

069941 100 AR42M
Herbicide field evaluation trials on field crops, 1972. Frans, R E *Ark Agr Exp Sta Mimeogr Ser* 210, 34 P. Mar 1973

069942 100 AR42R
Comparative performance & economics of herbicide treatments for weed control in rice. Smith, R J *Ark Agr Exp Sta Rep Ser* 206, 15 P. Mar 1973

069943 100 AR42F
Activated charcoal as a herbicide antidote. Kennedy, J M *Ark Farm Res* 22 (2): 12. Mar/Apr 1973

069944 23 AU792
Chemical control of wild oats in wheat with di-allate & barban. [Avena fatua]. Reeves, T G *Australian J Exp Agr Anim Husb* 13 (60): 102-107. Ref. Feb 1973

069945 66.8 B392
Weed control in sugar beet: 1973. Thomas, T M *Biatas* 26 (12): 538-539. Mar 1973

069946 79.9 B77
Control of Striga hermonthica in peasant farming. [Sorghum, Nigerian]. Ogborn, J *Brit Weed Contr Conf Proc* 11Th c/nf., V. 3: 1068-1077. Ref. 1972

069947 79.9 B77
Weed control in nursery stock production. Cox, R J *Brit Weed Contr Conf Proc* 11Th conf. V. 3: 1096-1099. 1972

069948 79.9 B77
Postemergence control of creeping speedwell with chlorthal-methyl. [Veronica filiformis]. Schauer, R L *Brit Weed Contr Conf Proc* 11Th conf. V. 3: 1112-1116. 1972

069949 79.9 B77
Root function & soil. [Herbicides]. Russell, R S *Brit Weed Contr Conf Proc* 11Th conf. V. 3: 1183-1192. Ref. 1972

069950 79.9 B77
Soil-applied herbicides in practice. Holly, K *Brit Weed Contr Conf Proc* 11Th conf. V. 3: 1210-1214. 1972

069951 79.9 B77
An automatic punching counter & metering dispenser. [Herbicide evaluation experiments]. Simmons, R C *Brit Weed Contr Conf Proc* 11Th conf., V. 1: 123-129. 1972

069952 79.9 B77
An evaluation of R.7465 for control of annual weeds in Brassica crops. Griffiths, G P *Brit Weed Contr Conf Proc* 11Th conf., V. 1: 138-142. 1972

069953 79.9 B77
Effect of stage of frond development on absorptin & translocation of asulam in bracken. [Pteridium aquilinum]. Veerasekaran, P *Brit Weed Contr Conf Proc* 11Th conf., V. 1: 17-23. Ref. 1972

069954 79.9 B77
Weed control in small-scale tropical farming. Druijff, A H *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 458-465. 1972

069955 79.9 B77
Weed control in young cocoa: manual methods compared with a paraquat spraying treatment. Brown, D A L *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 466-471. 1972

069956 79.9 B77
Weed control in flooded rice in tropical Asia. De Datta, S K *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 472-478. 1972

069957 79.9 B77
Bay 6339 H, a new herbicide for weed control in sugar & fodder beets. Hack, H *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 479-486. 1972

069958 79.9 B77
Contorl of annual grasses & broad-leaved weeds in sugar beet with NC 8438. Pfeiffer, R K *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 487-490. 1972

069959 79.9 B77
Effect of weeds on sugar beet crop. Scott, R K *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 491-498. 1972

069960 79.9 B77
Use of sugar beet herbicides on sandy soils. Short, J L *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 499-504. 1972

069961 79.9 B77
Residual chemical weeding systems on sugarbeet. Sullivan, E F *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 505-510. 1972

069962 79.9 B77
Use of a mixture of trietazine & linuron for weed control in potatoes. Ball, A P *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 511-518. 1972

069963 79.9 B77
Development of metribuzin in United Kingdom for weed control in potatoes. Mannall, H G *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 519-527. 1972

069964 79.9 B77
Use of trietazine & a trietazine/simazine mixture for weed control in peas. Ball, A P *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 528-533. 1972

069965 79.9 B77
Grower trials with a mixture of trietazine & simazine in peas. Edwards, C J *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 534-538. 1972

069966 79.9 B77
Post-emergence herbicide experiments in peas & dwarf beans. King, J W *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 539-546. 1972

069967 79.9 B77
Trial results obtained in soya beans with 3-isopropyl-1H-2,1,3-benzothiadiazin-4(-3H)-one 2,2-dioxide (proposed common name bentazon). [Weed control]. Luib, M *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 547-551. 1972

069968 79.9 B77
Results of field trials in United Kingdom using bentazon (BAS 351H) for weed control in peas. Taylor, J S *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 552-558. 1972

069969 79.9 B77
Evaluation of new residual herbicides to control monocotylendonous & dicotyledonous weeds in processing peas. Meyer, J *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 559-564. 1972

069970 79.9 B77
Experiments to investigate use of cyanazine as a herbicide on light soils at successive growth stages of peas under varying rainfall conditions. Morris, R O *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 565-572. 1972

069971 79.9 B77
Control of grass weeds in field beans (Vicia faba); possibilities for inter-row treatment. Wilson, B J *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 573-577. 1972

069972 79.9 B77
Results of differing techniques in application of dichlobenil 7.5 percent granules in forestry. [Weed control]. Spencer-Jones, D H *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 578-582. 1972

069973 79.9 B77
Further experiments with 2,6-dichlorothiobenzamide (chlorthiamid) in planted areas of softwoods. [Weed control, Picea sitchensis, Picea abies]. Allen, M G *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 583-590. 1972

069974 79.9 B77
Further trials with atrazine for controlling grass weeds in British forestry. Brown, R M *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 591-600. 1972

069975 79.9 B77
Effect of herbicide when applied to narcissus & tulip pre & post-flowering. Briggs, J B *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 601-607. 1972

069976 79.9 B77
Experiments with pyrazone/chlorbufam on marcissus. [Weed control]. Lawson, H M *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 608-614. 1972

069977 79.9 B77
Experiments on use of terbacil on nursery stocks. [Agropyron repens, control]. Kelly, J C *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 615-620. 1972

069978 79.9 B77
Lenacil as a herbicide in amenity horticulture. Newman, R H *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 621-625. 1972

069979 79.9 B77
Trees & shrubs: weed control in transplants. Roberts, L *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 626-631. 1972

069980 79.9 B77
Use of terbacil, atrazine & other herbicides in bush root production. Roberts, L *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 632-634. 1972

069981 79.9 B77
Weed control for container-grown ornamentals. Carter, A R *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 635-640. 1972

069982 79.9 B77
Effect of environmental factors on performance of glyphosate against Agropyron repens. [Control]. Caseley, J *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 641-647. 1972

069983 79.9 B77
Artefacts in controlled envornment studies. [Weeds]. Savory, B M *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 648-653. 1972

069984 79.9 B77
Some increases in efficacy of foliage applied herbidial salts due to addition of ammonium ions. Turner, D J *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 654-660. Ref. 1972

069985 79.9 B77
Effects of spray properties on placement & activity of herbicides: a research programme. Lake, J R *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 661-665. 1972

069986 79.9 B77
Trials in cereals with bentazon (3-isopropyl-1H-2,1,3-benzothiadiazin-4(3H)-one 2,2-dioxide) in combination with hormones (BAS 3580 H & BAS 3960 H). Menck, B H *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 666-667. Ref. 1972

069987 79.9 B77
Decay of residues of vegetation, & of pure cellulose treated with aminotriazole & paraquat. Grossbard, E *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 673-680. 1972

069988 79.9 B77
Weed control in winter wheat in eastern washington. Swan, D G *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 681-688. 1972

069989 79.9 B77
A study of growth Agropyron repens (L) Beauv. during & after growth of spring barley as influence by presence of undersown crops. Cussans, G W *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 689-697. 1972

069990 79.9 B77
Use of cyanazine mixtures for weed control in cereals. Luckhurst, R J *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 698-708. 1972

069991 79.9 B77
An assessment of practice & potential for joint application of solution fertilisers & herbicides in United Kingdom. Palmer, J E *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 709-716. 1972

069992 79.9 B77
Late spraying of winter wheat. [Herbicides]. Munro, I A *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 717-721. 1972

069993 79.9 B77
Control of annual broad-leaves weeds in winter wheat with herbicides used primarily against Alopecurus myosuroides & Avena fatua. Proctor, J M *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 722-725. 1972

069994 79.9 B77
Long term control of Alopecurus myosuroides in winter wheat. Roebuck, J F *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 726-730. 1972

069995 79.9 B77
Comparison of systems on control of Avena fatua in spring barley. Roebuck, J F *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 731-735. 1972

069996 79.9 B77
Use of plant growth regulators in control of Agropyron repens. Caseley, J *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 736-743. Ref. 1972

069997 79.9 B77
Effect of some plant growth regulators on sprouting of Cyperus rotundus & its response to herbicides. Parker, C *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 744-751. 1972

069998 79.9 B77
Influence of soil factors on availability of atrazine & linuron to plants. [Wheat]. Walker, A *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 800-805. Ref. 1972

069999 79.9 B77
Experiments on rate of decomposition of DNOC [dinittrocresol] in soils: effect of pre-treatment. Hurle, K *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 806-810. 1972

070000 79.9 B77
Degradation of 2-chloro-3-(4-chlorophenyl) methylpropionate (methachlorphenprop) in soil. Kocher, H *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 811-817. 1972

070001 79.9 B77
Behaviour of six soil-applied herbicides in soil – a comparison. Stecko, V *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 818-821. 1972

070002 79.9 B77
A new selective herbicide for rice S-(2-methyl-1-piperidyl-carbonylmethyl)-O,-O-di-N-propyl dithiophosphate, for use alone or in mixtures. Green, D H *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 822-829. 1972

070003 79.9 B77
HOE 2991, a new selective urea herbicide. Langeluddeke, P *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 830-834. 1972

070004 79.9 B77
HOE-2991 (3-tetrafluorethoxyphenyl-N,N-dimethyl urea) a new flexible broad spectrum herbicide for cotton. Marrese, R J *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 835-840. 1972

070005 79.9 B77
New substitute uracils used as selective herbicides. Bertin, D *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 841-848. 1972

070006 79.9 B77
2-(3,4,5-Tribromopyrazol-1-yl)-NN-dimethylpropionamide: a new pre-emergent selective herbicides. Mustgrove, G E *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 849-856. 1972

070007 79.9 B77
Role of herbicides in modern fruit management. Banwell, M G *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 1002-1011. 1972

070008 79.9 B77
Contribution of European Weed Research Council & European & Mediterranean Plant Protection Organization to harmonization of control & regulation of herbicides. Zweep, W van der *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 1057-1060. 1972

070009 79.9 B77
Need for improved weed control on peasant farms-an economist's view. Haswell, M *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 1061-1067. Ref. 1972

070010 79.9 B77
Extension work with herbicides in small scale tropical farm situation. Lewis, C J *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 1078-1083. 1972

070011 79.9 B77
Present & future weed problems in beet, potato, & arable legumes. Baldwin, J H *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 1084-1087. 1972

070012 79.9 B77
Herbicide evaluation in peas & french beans 1971 – 72. Cassidy, J C *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 1088-1095. 1972

070013 79.9 B77
Weed control of field grown crops in ornamental plant nursery. Humphrey, B E *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 1100-1102. 1972

070014 79.9 B77
Garden maintenance with herbicides. Robinson, D W *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 1103-1111. 1972

070015 79.9 B77
Factors affecting efficacy of foliage-applied herbicides: application factors. Foden, P C *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 1129-1146. Ref. 1972

070016 79.9 B77
Trends in chemical & cultural weed control systems. Carter, E S *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 1147-1153. 1972

070017 79.9 B77
Report on a joint survey of presence of wild oat seeds in cereal seed drills in United Kingdom during spring 1970. [Avena fatua]. Elliott, J G *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 1154. 1972

070018 79.9 B77
Can weed problems be reduced by improving crop establishment. Come possibilities for enhancing seed germination. [Rye, wheat]. Osborne, D J *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 1161-1172. Ref. 1972

070019 79.9 B77
Leaf surface factors. [Herbicides, application]. Kirkwood, R C *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 117-1128. Ref. 1972

070020 79.9 B77
Dormancy in weed species. Hall, M A *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 1173-1182. Ref. 1972

070021 79.9 B77
Herbicide movement & availability in soils. Graham-Bryce, I J *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 1193-1202. Ref. 1972

070022 79.9 B77
Soil organo-mineral complex in relation to herbicide activity & a possible means of forecasting persistence. Burns, R G *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 1203-1209. 1972

070023 79.9 B77
Some new herbicides effective against wild oats. [Avena fatua]. Wain, R L *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 1220-1225. 1972

070024 79.9 B77
Chemical repression of Agropyron repens clones without soil cultivation. Hiele, F J H van *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 1243-1247. 1972

070025 79.9 B77
Herbicides in perspective – respective roles of government & industry. Tschirley, F H *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 857-871. Ref. 1972

070026 79.9 B77
Herbicides in perspective – respective roles of government & industry: i-i. Glasser, R F *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 872-886. Ref. 1972

070027 79.9 B77
Objectives of weed control in cereals. Eddowes, M *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 887-891. 1972

070028 79.9 B77
Objectives of weed control in cereals-an agronomist's point of view. Cussans, G W *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 892-899. Ref. 1973

070029 79.9 B77
Weed control in cereals; a manufacturer's view of farmer benefits. Griffiths, W *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 900-907. Ref. 1972

070030 79.9 B77
Objectives of weed control in cereals. need for clean seed. Pertwee, C F *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 908-914. 1972

070031 79.9 B77
Objectives of weed control in cereals. A farmer's viewpoint. Dashwood, R H N *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 915-918. 1972

070032 79.9 B77
Objectives of weed control in vegetables. Lawson, H M *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 919-924. 1972

070033 79.9 B77
Objectives of weed control in vegetables. effects of weeds & herbicides on growth & yield of vegetable crops. King, J M *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 925-931. Ref. 1972

070034 79.9 B77
Objectives of weed control in vegetables. effects of weeds on vegetable crops grown for processing. Elliott, A H A *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 932-938. 1972

070035 79.9 B77
Objectives of weed control in vegetables. Effects of weed control practices on systems of production for vegetable crops. Salter, P J *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 939-942. 1972

070036 79.9 B77
Objectives of weed control in vegetables. function of management. Harrison, D J *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 943-947. 1972

070037 79.9 B77
Some considerations of relationship between biology, control & importance of certain perennial weeds. [Cirsium arvense, Rumex, Agropyron repens, Pteridium aquilinum]. Carpenter, K *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 948-957. Ref. 1972

070038 79.9 B77
Herbicide evaluation in Brassica crops-1968 – 72. Cassidy, J C *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 958-964. 1972

070039 79.9 B77
Wild oats, where next? [Avena fatua, control]. Elliott, J G *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 965-976. Ref. 1972

070040 79.9 B77
Blackgrass(Alopecurus myosuroides Huds.) & its control. Thruston, J M *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 977-987. Ref. 1972

070041 79.9 B77
Selectivity of post-emergence herbicides for Avena fatua control in spring wheat & barley. Frost, C *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 988-993. 1972

070042 79.9 B77
Effects of April & july applications of glyphosate, paraquat & dalapon on old permanent pasture. Oswald, A K *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 994-1001. 1972

070043 79.9 B77
A preliminary investigation on control of water hyacinth by spider mites. [Eichhornia crassipes, Tetranychidae]. Pieterse, A H *Brit Weed Contr Conf Proc* 11Th conf., V.1: 1-3. 1972

070044 79.9 B77
Response of 21 perennial weed species to glyphosate. Davison, J G *Brit Weed Contr Conf Proc* 11Th conf., V.1: 11-16. 1972

070045 79.9 B77
Techniques for assessment of Avena spp. in field. Holroyd, J *Brit Weed Contr Conf Proc* 11Th conf., V.1: 119-122. 1972

070046 79.9 B77
'Research on wheels' an aid for research, development & improvment weed control practices in Rhodesian crop production. Borland, T M *Brit Weed Contr Conf Proc* 11Th conf., V.1: 130-133. 1972

070047 79.9 B77
Use of preand post-emergence herbicides in direct drilled burssels sprouts. Woo[1], M B *Brit Weed Contr Conf Proc* 11Th conf., V.1: 134-137. 1972

070048 79.9 B77
Weed control in Brassica crops on organic soils. MacNaeidhe, F S *Brit Weed Contr Conf Proc* 11Th conf., V.1: 143-149. 1972

070049 79.9 B77
Weed control in fodder brassicas & vegetables using granular alachlor & propachlor. Hodkinson, H D *Brit Weed Contr Conf Proc* 11Th conf., V.1: 150-157. 1972

070050 79.9 B77
Influence of activated charcoal on tolerance of vegetable crops to soil-acting herbicides. Allott, D J *Brit Weed Contr Conf Proc* 11Th conf., V.1: 158-165. 1972

070051 79.9 B77
Field trials with 2-(4-chloro-6-ethylamino -Striazin-2-ylamino)-2-methyl-propionitrile (cyanazine)For weed control in brassicas. Haddow, B C *Brit Weed Contr Conf Proc* 11Th conf., V.1: 166-172. 1972

070052 79.9 B77
Preand post-emergence weed control in drilled onions. MacNaeidhe, F S *Brit Weed Contr Conf Proc* 11Th conf., V.1: 173-179. 1972

070053 79.9 B77
Post-emergence control of weeds in onions with methazole. Baker, C *Brit Weed Contr Conf Proc* 11Th conf., V.1: 180-184. 1972

070054 79.9 B77
Experiments with methazole on onions & leeks. Roberts, H A *Brit Weed Contr Conf Proc* 11Th conf., V.1: 185-189. 1972

070055 79.9 B77
Properties of methazole (VCS-438) for development as a selective herbicide in agriculture. Barlow, J N *Brit Weed Contr Conf Proc* 11Th conf., V.1: 190-195. Ref. 1972

070056 79.9 B77
Control of Compositae weed species in transplanted lettuce. Uprichard, S D *Brit Weed Contr Conf Proc* 11Th conf., V.1: 196-201. 1972

070057 79.9 B77
Evaluation of herbicides for post-emergence application in carrots. MacNaeidhe, F *Brit Weed Contr Conf Proc* 11Th conf., V.1: 202-208. 1972

070058 79.9 B77
Studies on action & efficiency of chlorfenpropmethyl against Avena fatua L (spring wild oats). Martin, T J *Brit Weed Contr Conf Proc* 11Th conf., V.1: 209-217. 1972

070059 79.9 B77
Review of bracken control experiments with asulam. [Pteridium aquilinum]. Soper, D *Brit Weed Contr Conf Proc* 11Th conf., V.1: 24-31. 1972

070060 79.9 B77
Studies of fate of avena fatua seeds on cereal stubble, as influenced by atutmn treatment. Wilson, B J *Brit Weed Contr Conf Proc* 11Th conf., V.1: 242-247. 1972

070061 79.9 B77
Field extension trials & a farmer USAge survey with chlorfenprop-methyl for control of Avena fatua L in spring barley crops in United Kingdom. Forrest, J D *Brit Weed Contr Conf Proc* 11Th conf., V.1: 248-255. 1972

070062 79.9 B77
Use of a mixture containing metoxuron & simazine for post-emergence control of Alopecurus myosuroloes in winter cereals. Ayres, R J *Brit Weed Contr Conf Proc* 11Th conf., V.1: 256-262. 1972

070063 79.9 B77
Field experience of granular tri-allate for control of Avena spp. in winter & spring cereals. Hodkinson, H D *Brit Weed Contr Conf Proc* 11Th conf., V.1: 263-270. 1972

070064 79.9 B77
Control of alopecurus myosuroides by mechanical application of tri-allate granules. Hodkinson, H D *Brit Weed Contr Conf Proc* 11Th conf., V.1: 271-275. 1972

070065 79.9 B77
Application of benzoylprop ethyl & effect on yield of wheat. Stovell, F R *Brit Weed Contr Conf Proc* 11Th conf., V.1: 276-280. 1972

070066 79.9 B77
Chemical control of Alopecurus myosuroides in winter wheat. Baldwin, J H *Brit Weed Contr Conf Proc* 11Th conf., V.1: 281-287. 1972

070067 79.9 B77
Chemical control of Avena fatua in winter wheat. Proctor, J M *Brit Weed Contr Conf Proc* 11Th conf., V.1: 288-293. 1972

070068 79.9 B77
Chemical roguing of Avena spp. May, M J *Brit Weed Contr Conf Proc* 11Th conf., V.1: 294-300. 1972

070069 79.9 B77
Selectivity of NC 8438 between ryegrass & weed grass species. [Lolium perenne, Festuca rubra, Poa trivialis, Holcus lanatus]. Blair, A M *Brit Weed Contr Conf Proc* 11Th conf., V.1: 301-305. 1972

070070 79.9 B77
The selective suppression of weed grasses in young perennial reygrass swards by dalapon and asulam. [Lolium peronne]. Oswald, A K *Brit Weed Contr Conf Proc* 11Th conf., V.1: 306-314. 1972

070071 79.9 B77
Docks in grassland, their influence on herbage productivity. [Rumex]. Courtney, A D *Brit Weed Contr Conf Proc* 11Th conf., V.1: 315-322. 1972

070072 79.9 B77
Growth of Agropyron repens seedlings in cereals & field beans. Williams, E D *Brit Weed Contr Conf Proc* 11Th conf., V.1: 32-37. 1972

070073 79.9 B77
Effect of asulam on bracken frond number, rhizome biability, & frond carbohydrate ratios. [Pteridium aquilinum]. Martin, D J *Brit Weed Contr Conf Proc* 11Th conf., V.1: 331-334. 1972

070074 79.9 B77
Control of bracken with asulam in north of Scotland. [Pteridium aquilinum]. Scragg, E B *Brit Weed Contr Conf Proc* 11Th conf., V.1: 335-341. 1972

070075 79.9 B77
Surface organic matter in relation to establishment of fodder crops in killed sward. Squires, N R W *Brit Weed Contr Conf Proc* 11Th conf., V.1: 342-347. 1972

070076 79.9 B77
Effects of maleic hydrazide & 2,4-D for sward control in an orchard of Cox's orange Pipin: 1965-1971. Stott, K G *Brit Weed Contr Conf Proc* 11Th conf., V.1: 348-355. 1972

070077 79.9 B77
Effects of repeated applications of grass suppressant maleic hydrazide on an orchard sward & on soil fauna. Lyons, C *Brit Weed Contr Conf Proc* 11Th conf., V.1: 356-359. 1972

070078 79.9 B77
Long-term ecological changes in sward composition folowing application of maleic hydrazide & 2,4-D. Willia, A J *Brit Weed Contr Conf Proc* 11Th conf., V.1: 360-367. 1972

070079 79.9 B77
Use of charcoal dips for protection against simazine damage in freshly planted strawberries. Rath, N *Brit Weed Contr Conf Proc* 11Th conf., V.1: 368-373. 1972

070080 79.9 B77
Tolerance of six strawberry varieties to phenmedipham applied shortly after planting. Uprichard, S D *Brit Weed Contr Conf Proc* 11Th conf., V.1: 374-377. 1972

070081 79.9 B77
Response of some weed species & strawberry C.V. Cambridge Favourite to phenmedipham, terbacil & pronamide. Jefferies, C J *Brit Weed Contr Conf Proc* 11Th conf., V.1: 378-385. 1972

070082 79.9 B77
Control of perennial grass weeds in strawberries with pronamide. Clarke, C E *Brit Weed Contr Conf Proc* 11Th conf., V.1: 386-393. 1972

070083 79.9 B77
Response of newly planted Cambridge Vigour strawberries to pronamide, terracil & bromacil. Uprichard, S D *Brit Weed Contr Conf Proc* 11Th conf., V.1: 394-397. 1972

070084 79.9 B77
Further experiments with herbicides for control of perennial grass weeds in strawberries. Rath, N *Brit Weed Contr Conf Proc* 11Th conf., V.1: 398-405. 1972

070085 79.9 B77
Preand post-emergence control of Convolvulus arvensis with RP 17623. Davison, J G *Brit Weed Contr Conf Proc* 11Th conf., V.1: 4-10. 1972

070086 79.9 B77
Trials in West Midlands & Cheshire with pronamide & terbacil for control of Agropyron repens (couch grass) in strawberry plantations. Cameron, L G *Brit Weed Contr Conf Proc* 11Th conf., V.1: 406-408. 1972

070087 79.9 B77
Response of strawberry to a range of foliage acting herbicides. Clay, D V *Brit Weed Contr Conf Proc* 11Th conf., V.1: 409-416. 1972

070088 79.9 B77
Response of strawberry to applications of 2,4-D, MCPA, MCPB, mecoprop & dichlorprop during growing season. Davison, J G *Brit Weed Contr Conf Proc* 11Th conf., V.1: 417-423. 1972

070089 79.9 B77
Tolerance of raspberries & strawberries to residues of pre-planting couchgrass herbicides. [Agropyron repens]. Uprichard, S D *Brit Weed Contr Conf Proc* 11Th conf., V.1: 424-429. 1972

070090 79.9 B77
Tolerance of established raspberry plantations to a range of residual herbicide treatments. Lawson, H M *Brit Weed Contr Conf Proc* 11Th conf., V.1: 430-436. 1972

070091 79.9 B77
Effect of repeated applications of chlorthiamid & dichlobenil on blackcurrants & raspberries. O'callaghan, T F *Brit Weed Contr Conf Proc* 11Th conf., V.1: 437-443. 1972

070092 79.9 B77
Pronamide for control of grass, perennial & annual weeds in blackcurrants, gooseberries, raspberries, apples & pears. Clarke, C E *Brit Weed Contr Conf Proc* 11Th conf., V.1: 444-450. 1972

070093 79.9 B77
Response of various fruit crops to glyphosate. Clay, D V *Brit Weed Contr Conf Proc* 11Th conf., V.1: 451-457. 1972

070094 79.9 B77
A study on persistence of natural infestation of Agropyron repens & Agrostis gigantea in association with tetraploid Italian ryegrass. [Lolium multiflorum]. Courtney, A D *Brit Weed Contr Conf Proc* 11Th conf., V.1: 57-63. 1972

070095 79.9 B77
Filed performance of glyphosate derivatives in control of Agropyron repens & other perennial weeds. Evans, D M *Brit Weed Contr Conf Proc* 11Th conf., V.1: 64-70. 1972

070096 79.9 B77
Effects of TFP & NC 8438 on Agropyron repens. Blair, A M *Brit Weed Contr Conf Proc* 11Th conf., V.1: 71-76. 1972

070097 79.9 B77
Studies on retention, penetration & translocation of asulam in some perennial weed species. Catchpole, A H *Brit Weed Contr Conf Proc* 11Th conf., V.1: 77-83. 1972

070098 79.9 B77
Conduct of field experiments at weed research organization. Elliott, J G *Brit Weed Contr Conf Proc* 11Th conf., V.1: 84-90. 1972

070099 79.9 B77
Weed control experiments in Tropics. Kasasian, L *Brit Weed Contr Conf Proc* 11Th conf., V.1: 91-94. 1972

070100 79.9 B77
Problems associated with herbicide field experiments on submerged aquatic weeds. Robson, T O *Brit Weed Contr Conf Proc* 11Th conf., V.1: 95-100. 1972

070101 79.9 B77
Effect of chlorflurecol on growth of turions of Myriophyllum verticillatum L. Robson, T O *Brit Weed Contr Conf Proc* 11Th conf., V.2: 766-771. 1972

070102 79.9 B77
Effects of plant growth-regulatory chemicals on seed germination. [Weeds]. Chancellor, R J *Brit Weed Contr Conf Proc* 11Th conf., V.2: 772-777. 1972

070103 79.9 B77
Effect of plant growth regulators on dominance in Agropyron repens L. Beauv. rhizomes. Chancellor, R J *Brit Weed Contr Conf Proc* 11Th conf., V.2: 778-783. 1972

070104 79.9 B77
An approach to prediction of leaching of herbicides in soils. Osgerby, J M *Brit Weed Contr Conf Proc* 11Th conf., V.2: 792-799. 1972

070105 80 C1292
Weed control in tomatoes – 1973. Stevenson, E E *Calif Tomato Grower* 16 (4): 4-6. Apr 1973

070106 450 C16
Factors affecting control of wild oats in rapeseed with trifluralin. [Avena fatua]. Friesen, H A *Can J Plant Sci* 53 (1): 199-205. Ref. Jan 1973

070107 464.9 C16S
Three new host records for dwarf mistletoes in British Columbia. [Pinus ponderosa, Abies grandis, Picea glauca, Arceuthobium laricis, Arceuthobium americanum]. Smith, R B *Can Plant Dis Surv* 52 (4): 137-138. Ref. Dec 1972

070108 80 C498
Program approach to chemical weed control. Jackson, L K *Citrus Veg Mag* 36 (8): 6, 38. Apr 1973

070109 475 SA2
Weed community in fallow rice field & its succession. (Jap) Niiyama, T *Coll & Breed (tokyo)* 35 (3): 67-72. Mar 1973

070110 64.8 C883
Response of perennial sowthistle selections to herbicides. [Sonchus arvensis]. Bell, A R *Crop Sci* 13 (2): 191-194. Ref. Mar/Apr 1973

070111 464.8 D36
What is Metribuzin? (BAY. 94 337). [Herbicides]. (Fre) Michel, F *Def Veg* 27 (159): 24, 28-34. Jan/Feb 1973

070112 464.8 D36
What is Tridemorphe? (Calixine). [Erysiphe graminis, fungicides, barley]. (Fre) Serra, G *Def Veg* 27 (159): 35-41. Jan/Feb 1973

070113 S9.E9
Herbicides & ecological reflections. (Ita) Chiapparini, L *Evoluzione Agric* 18 (207): 41-42. Feb 1973

070114 18 W763
Enlargement of range of application of spray-saving methods in agriculture by means of soil machines. [Weed control]. (Ger) Schmidt, E *Feldwirtschaft* 14 (3): 120-121. Mar 1973

070115 18 W763
Recent results of weed control in grain culture. (Ger) Feyerabend, G *Feldwirtschaft* 14 (3): 121-124. Mar 1973

070116 18 W763
Weed control of potatoes. (Ger) Bohmig, H J *Feldwirtschaft* 14 (3): 127-129. Ref. Mar 1973

070117 18 W763
Site-specific application of Betanil 70 in sugar-beets. [Weed control]. (Ger) Hartmann, W *Feldwirtschaft* 14 (3): 131-132. Mar 1973

070118 73.8 F44
Chemical weed control in fiber flax. (Dut) Maddens, K *Fibra* 18 (1): 30-52. Eng. Sum. 1973

070119 28 F55
Use of herbicides in alfalfa [Medicago sativa L.] crop in Venezuela. (Spa) Colmenares C, S *Fitotec Latinoamer* 8 (2): 79-84. Eng. Sum. 1972

070120 413.9 F66F
Florida's aquatic weeds. Moody, H L *Fla Natur* 46 (2): 7-12. Apr 1973

070121 11 F772
Control of Agropyron repens in grain fields. I. Trichloroacetic acid treatment & soil cultivation in autumn. (Nor) Skuterud, R *Forsk Forsok Landbruket* 24 (1): 55-72. Ref. Eng. Sum. 1973

070122 S217.A4
Selective weed-killers for use on cereals in spring 1973. *G B Minist Agric Fish Food Short Term Leafl* 19, Rev., 16 P. Nov 1972

070123 S217.A4
Choosing selective weed-killers for annual weeds in root crops & kale, 1973. *G B Minist Agric Fish Food Short Term Leafl* 29, 10 P. 1973

070124 S217.A4
Chemical weed control in onions & leeks. *G B Minist Agric Fish Food Short Term Leafl* 73, Rev. 16 P. 1972

070125 275.29 G29C
Weed control in vegetable crops. Swann, C W *Ga Univ Ext Circ* 544, Rev., 8 P.-folder Dec 1972

070126 24 G252
Control of weeds in Rhodesia. (Por) Ward, J M J *Gaz Agr Angola* 18 (1): 47, 49, 51-52. Jan 1973

070127 464.8 G33
Rationalization by application of herbicides. (Ger) Wachendorff, R *Gesunde Pflanzen* 25 (1): 15-19. Jan 1973

070128 464.8 G33
Yield results from weed control experiments in grain. (Ger) Stohr, W *Gesunde Pflanzen* 25 (3): 53-55. Mar 1973

070129 105.1 G344
Susceptibility of Avena [fatua] species & varieties for chlorfenprop-methyl. [Oats, weed control]. (Dut) Stryckers, J *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 641-651. Ref. Eng. Sum. 1972

070130 105.1 G344
Control of Avena fatua L. in cultivation of grain results with experiments using benzoylprop ethyl. (Fre) Mouillac, A *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 652-662. 1972

070131 105.1 G344
Experiments with weed control in cereals using N-(isopropyl -4-phenyl)-N',N'-dimethylurea. (Fre) Rognon, J *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 663-669. Eng. Sum. 1972

070132 105.1 G344
Tolerance of alachlor in winter rape depending on soil type & humus content. [Weed control]. (Ger) Linden, G *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 670-675. Eng. Sum. 1972

070133 105.1 G344
Effectiveness of herbicides for cabbage grown from pelleted seed depending on some factors of production technique. (Ger) Kampe, W *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 676-684. Eng. Sum. 1972

070134 105.1 G344
Weed control in sugarbeet fields in north India. Bhan, V M *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 685-689. 1972

070135 105.1 G344
A review of some aspects of development of dichlobenil in United Kingdom with special reference to its safety to crop & environment. [Weed control]. Spencer-Jones, D H *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 690-698. Ref. 1972

070136 105.1 G344
'fungicide action from some weed-killers in mushroom culture'. [Mycogone perniciosa, Verticillium malthousei]. (Dut) Poppe, J A *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 705-712. 1972

070137 10 G79LA
Redshank, pale persicaria, knotgrass & black bindweed. [Polygonum, control]. *Great Brit Min Agr Fish Food Adv Leafl* 432, Rev. B3p. May 1972

070138 10 G79LA
Wild oats. [Avena fatua, Avena ludovicana]. *Great Brit Min Agr Fish Food Adv Leafl* 452, Rev., 7P. Apr 1972

070139 17 SCH9
New incentive for sugar beets culture considerably improved post-emergence weed control. (Ger) Kunz, R *Grune* 101 (12): 437-439. Mar 23, 1973

070140 17 SCH9
Weed & pest control in sugar beet culture. (Ger) Meyer, H *Grune* 101 (14): 491-496. Apr 6, 1973

070141 100 H313P
Chemical weed control in anthurium. [Andraeanum]. Higaki, T *Hawaii Agr Exp Sta Res Rep* 212, 11 P. Mar 1973

070142 107.6 H68
Development of an experimental granular herbicide applicator for growth stage applications. (Jap) Abe, T *Hokkaido Nat Agr Exp Sta Res Bull* 103: 69-75. Eng. Sum. Nov 1972

070143 HD2042.A1I4
Economic effectiveness of joint application of chemical & mechanical control of weeds in corn. (Bul) Vurbanov, TS *Ikon Sel Stop* 9 (2): 71-78. 1972

070144 100 IL64
Effects of herbicides on turfgrass ecosystem. Turgeon, A J *Ill Res* 15 (2): 17. Spring 1973

070145 SB112.V6
Cultural measures for weed control in grain crops of central Volga region. (Rus) Savenko, A V *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 149-153. 1972

070146 22 IN235
Comparative efficiency of certain herbicides in weed control in maize in Kulu Valley. Sandhu, K S *Indian J Agron* 17 (1): 23-26. Ref. Mar 1972

070147 S19.J62
Chemical controle of maize weeds. Akram, M *J Agric Res* 10 (3): 167-171. Ref. Sept 1972

070148 56.8 J822
Runoff & soil losses on Hagerstown dilty clay loam: effect of herbicide treatment. Hall, J K *J Soil Water Conserv* 28 (2): 73-78. Ref. Mar/Apr 1973

070149 385 K524
Methods & application dates for Linuron on corn crops. (Rus) Veselovskii, I V *Khim Sel'skom Khoz* 10 (10): 52-54. 1972

070150 385 K524
Application of EPTC & mixtures with aresin on serradella crops. [Weed control]. (Rus) Kurilenko, A T *Khim Sel'skom Khoz* 10 (10): 54-55. 1972

070151 385 K524
Effect of different doses of herbicides on microflora of sierozem-meadow soil of cotton crops. (Rus) Tulabaev, B D *Khim Sel'skom Khoz* 10 (10): 56-60. Ref. 1972

070152 385 K524
Herbicidal activity of some derivatives of trichloroacetaldehyde (chloral). 1. 1-oxy-(alkosy)-2-trichloroethylamides and amines. (Rus) Shcheglov, IU V *Khim Sel'skom Khoz* 10 (10): 60-63. 1972

070153 385 K524
Application of maleic hydrazide for control of Orobanche aegyptiaca on watermelons. (Rus) Prokudina, V F *Khim Sel'skom Khoz* 10 (10): 66-67. 1972

070154 385 K524
Phytotoxicity & herbicide activity relative to level of plant nutrition. (Rus) Osinskaia, T V *Khim Sel'skom Khoz* 11 (1): 39-42. Ref. 1973

070155 385 K524
Application of simazine & atrazine in forest belts of northern Kazakhstan. (Rus) Kostromin, V M *Khim Sel'skom Khoz* 11 (1): 43-45. 1973

070156 385 K524
Herbicide application to stands of Valeriana officinalis. (Rus) Vekshin, B S *Khim Sel'skom Khoz* 11 (1): 46-51. 1973

070157 385 K524
Determination of Isofos-2 in rice grain and water by colorimetry. [0,2,4-dichlorophenyl-N-isopropylamidochloromethyl thiophosphonate]. (Rus) Novikova, K F *Khim Sel'skom Khoz* 11 (1): 51-53. 1973

070158 385 K524
Effect of chemicals on seed germination of weeds. (Rus) Chesalin, G A *Khim Sel'skom Khoz* 11 (2): 41-44. 1973

070159 385 K524
Residual effect of sym-triazines on wheat & sugar beets. (Rus) Suvora, V P *Khim Sel'skom Khoz* 11 (2): 44-46. 1973

070160 385 K524
Application of prometryne & linuron on crops of Anethum graveolens, celery, & parsley. (Rus) Kameneva, E A *Khim Sel'skom Khoz* 11 (2): 46-49. 1973

070161 385 K524
Destruction of shoots of Jerusalem artichoke by means of herbicides. (Rus) Gambarov, F A *Khim Sel'skom Khoz* 11 (2): 49-50. 1973

070162 385 K524
Detection of 2-methoxy-3,6-dichlorobenzoic acid in plants. [Dicamba]. (Rus) Raskin, M S *Khim Sel'skom Khoz* 11 (2): 50-53. Ref. 1973

070163 73.8 L543
Use of herbicide Asulam for postemergent destruction of wild oats (Avena fatua) in flax. (Cze) Rataj, K *Len Konopi* 10: 79-100. Eng. Sum. 1972

070164 99.9 C334
Contribution to chemical weed control in forest plantations by amitrol. (Cze) Kudela, M *Lesnictvi* 18 (12): 1127-1140. Ref. Eng. Sum. Dec 1972

070165 43.8 B392
Weed control in grassland. Macpherson, R *Livest Farming* 10 (2): 39, 40. Feb 1973

070166 43.8 B392
Grassland weedsan increasing problem. Holthorn, E *Livest Farming* 10 (4): 70-71. Apr 1973

070167 275.29 M36B
Chemical weed control in field crops. *Md Univ Ext Ext Bull* 237, Rev.: 14-25. 1973

070168 S11.O78
Fighting weeds with chemicals in autumn. (Swe) Lovang, T *Medlemsbl Ostergotlands Lans Hushallningssallsk* 5 (3): 11, 24. 1972

070169 S11.O78
Couchgrass, an unnecessary weed problem. [Agropyron repens]. (Swe) Andersson, A *Medlemsbl Ostergotlands Lans Hushallningssallsk* 5 (3): 8-10. 1972

070170 S13.M4
Weed control in potatoes with herbicides. (Cze) Daniel, J *Metod Zavadeni Vysledku Vyzk Praxe* 16, 21 P. 1972

070171 442.9 M854
Biological control of plant diseases & weeds. (Rus) Gorlenko, M V *Moscow Univ Vestnik Ser 6 Biol Pochvoved* 6: 52-57. Nov/Dec 1972

070172 443.8 M98
Induction of gene conversion in yeast by herbicide preparations. Parry, J M *Mutation Res* 21 (2): 83-91. Ref. Apr 1973

070173 442.9 B832
Possible determination of dosage of preemergency herbicides based on soil properties. (Ger) Niemann, P *Nachrichtenbl Deut Pflanzenschutzdienstes* 25 (1): 11-14. Ref. Eng. Sum. Jan 1973

070174 442.8 N22
Effect of herbicide 2,4-D (butyl ester) on chemical composition of plants. (Rus) Aseeva, I V *Nauch Dokl Vyssh Shk, Biol Nauk* 2: 87-90. Ref. 1973

070175 64.8 N76
Possibility of chemical control of Echinochloa spp. in rice by herbicide Ordram 6 E. (Hun) Szilvassy, L *Novenytermeles* 22 (1): 35-44. Ref. Eng. Sum. Mar 1973

070176 464.8 OC32
Weed control in winter rape. (Pol) Piotrowicz, B *Ochrona Roslin* 16 (4): 15-16. Apr 1972

070177 464.8 OC32
Effectiveness of herbicide mixtures with anti-lodging preparations for use in winter & spring wheat. (Pol) Caly, F *Ochrona Roslin* 16 (5): 16-19. Mar 1972

070178 100 OK4 (1)
Weed control with phenoxy herbicides on native grasslands. Elwell, H M *Okla Agr Exp Sta Bull B* 706, 22 P. Ref. Jan 1973

070179 S544.3.O5O5
Weed control in turf. Huffine, W W *Okla State Univ Coop Ext Serv OSu Ext Facts* 2652, 4 P. Mar 1973

070180 S544.3.O5O5
Chemical weed control in cotton. [Sorghum halepense]. Greer, H *Okla State Univ Coop Ext Serv OSu Ext Facts* 2762, 4 P. Mar 1973

070181 SB951.P47
Processes affecting herbicide action in soil. Osgerby, J M *Pestic Sci* 4 (2): 247-258. Ref. Apr 1973

070182 1.9 P69P
A new distribution record for dwarf mistletoe in Montana. [Arceuthobium americanum, Pinus contorta]. Dooling, O J *Plant Dis Rep* 57 (4): 298. Apr 1973

070183 281.9 B87
Destruction of wild oats in cereals. [Avena fatua, chemical control]. (Fre) Maynadier, M H *Prod Agr Fr* 49 (125): 16-17. Mar 1973

070184 281.9 B87
Destruction of dicotyledons in winter & spring cereals. [Weed control]. (Fre) Bouchet, F *Prod Agr Fr* 49 (125): 18-19. Mar 1973

070185 281.9 B87
Chemical weeding of potato. (Fre) Crosnier, J C *Prod Agr Fr* 49 (125): 21. Mar 1973

070186 281.9 B87
Forage beets, oleaginous crops. [Weed control]. (Fre) Regnault, Y *Prod Agr Fr* 49 (125): 22-23. Mar 1973

070187 281.9 B87
Textile or oleaginous flax. [Weed control]. (Fre) Hermant, P *Prod Agr Fr* 49 (125): 25. Mar 1973

070188 281.9 B87
Weeding of corn. (Fre) Darrigrand, M *Prod Agr Fr* 49 (126): 19-20. Mar 1973

070189 SB950.A1P3
Ground flora & its control under rubber in South Thailand. Harper, R S *PAns Pest Artic News Summ* 19 (1): 71-75. Ref. Mar 1973

070190 SB950.A1P3
Eradication of Acacia hockii from Ugandan rangeland using stump treatment with picloram & notes on effects on productivity. Harrington, G N *PAns Pest Artic News Summ* 19 (1): 76-86. Ref. Mar 1973

070191 SB950.A1P3
Control of Cyperus rotundas L. with dichlobenil & grass mulch in a mature coffee plantation. Terry, P J *PAns Pest Artic News Summ* 19 (1): 93-969 Mar 1973

070192 SB387.R4
Some rules to observe & precautions to take by users of plant protection products & herbicides. (Fre) Murbach, R *Rev Suisse Vitic Arboric* 5 (1): 10-12. Jan/Feb 1973

070193 23 SO84
Biological control of skeleton weed. [Chondrilla]. Catt, M J *S Aust J Agr* 76 (1): 22-25. Feb 1973

070194 23 SO84
Galvanised burr. [Bassia birchii, control]. Smith, K R *S Aust J Agr* 76 (1): 30-32. Map. Feb 1973

070195 100 P381S
Sutan & Aarex best for yellow nutsedge. Hartwig, N L *Sci Agr* 20 (3): 4. Spring 1973

070196 100 P381S
Soils and microclimate affect residue extent from using herbicides. Shipman, R D *Sci Agr* 20 (3): 4-5. Spring 1973

070197 S15.I692
Weeds, problem in agricultural production. (Por) Pinto da Cunha, H M *Ser Apostila IPEAL (inst Pesqui Agropecu Leste)* 3, 17 P. Ref. 1972

070198 S590.B5
Resistance of Chlorella to monuron a herbicide inhibiting photosynthesis. Cho, K Y *Soil Biol Int News Bull* 16: 18-21. Dec 1972

070199 56.8 SO38
Effects of soil on activity of pentachlorophenol. [Herbicide]. Choi, J *Soil Sci Plant Nutr* 18 (6): 255-260. Nov 1972

070200 60.19 B772
Moss eradication trials. Woolhouse, A R *Sports Turf Res Inst J* 48: 102-107. 1972 (Pub. 1973)

070201 75.8 SP93
Weed control in potatoes. Heikes, E *Spudman* P. 5-8. Apr 1973

070202 69.8 T115
Use of diphenamid in control of Orobanche of tobacco. (Ita) Puzzilli, M *Tabacco* 76 (743): 27-31. Ref. Eng. Sum. Apr/June 1972

070203 S604.A1T4
On feasibility of replacing mechanical soil tillage with herbicides. (Rus) Kolmakov, P P *Teor Vopr Obrab Pochv* 3: 139-147. 1972

070204 S604.A1T4
Improving technology of culture of several field crops with use of herbicides. (Rus) Libershtein, I I *Teor Vopr Obrab Pochv* 3: 196-207. 1972

070205 S604.A1T4
Reducing amount of interrow soil loosening with a base of herbicides for carrot & beet crops. (Rus) Beshanov, A V *Teor Vopr Obrab Pochv* 3: 229-237. 1972

070206 S604.A1T4
Achievements of science & practice in field of tillage & weed control in beet-growing zone of USSR. [Sugar beets]. (Rus) Mel'nichuk, A N *Teor Vopr Obrab Pochv* 3: 332-342. 1972

070207 100 T31P
Effect of time & rate of molinate on growth & production of Bluebelle rice. Flinchum, W T *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3167, 4 P. Mar 1973

070208 66.8 U12
Ro-neet & Betanal as complementary treatments in sugarbeets. Dawson, J H *U I (utah-Idaho) Sugar Cult* 33 (1): 12-16. Spring 1973

070209 A281.9 AG83E
Economic impact of cancelling use of 2,4,5-T in rice production. Gerlow, A R *U S D A Econ Res Serv ERs* 510, 11 P. Map. Mar 1973

070210 11 UP62A
Fighting weeds. (Swe) Aamisepp, A *Uppsala Lantbrukshogsk Aktuellt Lantbrukshogsk* 190, 64 P. 1973

070211 11 UP62
Amitrole against weeds in oats. (Swe) Gummesson, G *Uppsala Lantbrukshogsk Medd Ser A* 177, 35 P. Ref. Eng. Sum. 1972

070212 11 UP62
Chemical control of coltsfoot in northern Sweden. [Tussilago farfara]. (Swe) Anier, H *Uppsala Lantbrukshogsk Medd Ser A* 183, 14 P. Ref. Eng. Sum. 1973

070213 11 UP62
Types of wild oats in Sweden. [Avena fatua]. (Swe) Milsson, B *Uppsala Lantbrukshogsk Medd Ser A* 187, 38 P. Map. Eng. Sum. 1973

070214 11 UP62M
Weeds in cultivated fields in Sweden. (Swe) Fogelfors, H *Uppsala Lantbrukshogsk Medd Ser B* 19, 233 P. Ref. 1973

070215 SB320.V42
Herbicidal control of weeds in sweet-potato, ipomoea batatas Poir. Robbins, M L *Veg Crop Manage* 9 (3): 6, 18. Mar 1973

070216 SB199.A1V9
Results of 7-years tests in controlling Nardus stricta L. in conditions of Beskid Sadecki mountains. (Slo) Kostuch, R *Vysk Ustav Luk Pasienkov Ved Pr* 7: 109-123. 1972

070217 SB199.A1V9
Comparison of methods in controlling Nardus stricta in Sudeten, Poland. (Slo) Lidtke, W *Vysk Ustav Luk Pasienkov Ved Pr* 7: 125-138. 1972

070218 SB199.A1V9
Results in controlling Nardus Stricta in Romania during 1963 – 1967 by interrated methods. (Slo) Niedermaier, K *Vysk Ustav Luk Pasienkov Ved Pr* 7: 139-155. Ref. 1972

070219 275.29 W522M
Control of red sorrel (Rumex acetosella) in lawns. Schubert, O E *W Va Univ Ext Misc Publ* 396, Rev., 2 P. Feb 1973

070220 275.29 W522M
Control of lawn pennywort (Hydrocotyle sibthorpioides) in lawns. Schubert, O E *W Va Univ Ext Misc Publ* 397, Rev., 2 P. Feb 1973

070221 275.29 W522M
Control of poison ivy (Rhus radicans) in lawns. Schubert, O E *W Va Univ Ext Misc Publ* 398, Rev., 2 P. Oct 1972

070222 275.29 W27MI
Algae, lichens & mosses on plants. Davison, A D Cooperative Extension Service *Wash State Univ Ext Em* 3421 (Rev), 2 P. Jan 1973

070223 79.8 W412
Cytokinin-enhanced sprouting of purple nutsedge [Cyperus rotundus] as a basis for control. Teo, C K H *Weed Res* 13 (1): 118-121. Mar 1973

070224 79.8 W412
Effects of herbicides on productivity of fodder maize with especial reference to pre-emergence applications of 2,4-D-amine. Ludwig, J W *Weed Res* 13 (1): 1-11. Ref. Mar 1973

070225 79.8 W412
Herbicidal action of iodide: effect on chlorophyll content & photosynthesis in dwarf bean Phaseolus vulgaris. [Kidney beans]. Mynett, A *Weed Res* 13 (1): 101-109. Ref. Mar 1973

070226 79.8 W412
Note on estimation of viable weed seeds in soil samples. Feast, P M *Weed Res* 13 (1): 110-113. Mar 1973

070227 79.8 W412
Use of a low dose of atrazine alone & in mixtures with other herbicides in maize crop. Ludwig, J W *Weed Res* 13 (1): 12-18. Mar 1973

070228 79.8 W412
Persistence & penetration of large doses of simazine in uncropped soil. Clay, D V *Weed Res* 13 (1): 42-50. Ref. Mar 1973

070229 79.8 W412
Adsorptive behaviour of acid & ester forms of 2,4-D on soils. Grover, R *Weed Res* 13 (1): 51-58. Ref. Mar 1973

070230 79.8 W412
Metabolism of monuron in excised leaves of corn & bean plants. Lee, S S *Weed Res* 13 (1): 59-66. Ref. Mar 1973

070231 79.8 W412
Some physico-chemical interactions of paraquat with soil organic materials & model compounds. I. Effects of temperature, time & adsorbate degradation on paraquat adsorption. Burns, I G *Weed Res* 13 (1): 67-78. Ref. Mar 1973

070232 79.8 W412
Some physico-chemical interactions of paraquat with soil organic materials & model compounds. II. Adsorption & desorption equilibria in aqueous suspensions. Burns, I G *Weed Res* 13 (1): 79-90. Ref. Mar 1973

070233 79.8 W412
Laboratory experiments of Cut bark' treatments with herbicides, using cuttings of Populus euroamericana 'I-78'. Turner, D J *Weed Res* 13 (1): 91-100. Ref. Mar 1973

070234 18 J825
Experiments on weed control in different grain cultivars. (Ger) Schuster, W *Z Acker& Pflanz* 136 (4): 261-271. Ref. Eng. Sum. Dec 1972

070235 421 Z1
Phytomyza for controlling Orobanche in sunflowers. (Rus) Skliarov, N A *Zashch Rast* 1: 20-21. Jan 1973

070236 421 Z1
On tobacco plantations of Crimea. [Phytomyza, Orobanche, control]. (Rus) Okazova, A G *Zashch Rast* 1: 21-22. Jan 1973

070237 20.5 Z5
Studies on effectiveness of herbicide composition under various crop rotation on light soils. (Pol) Hendrysiak, T *Zeszyty Probl Postepow Nauk Roln* 137: 169-174. 1972

INSECTS PESTS AND CONTROLS — GENERAL AND MISCELLANEOUS PLANTS

070238 333.8 AG8
Evaluation of an electronic guidance system for aircraft used to apply bait in imported fire ant programme. [Solenopsis richteri, Solenopsis invicta. Glancey, B M *Agric Aviat* 15 (2): 38-40. Apr 1973

070239 421 B65
Efficacy of insecticide d-trans-allethrin. (Jap) Hayashi, A *Botyu-kagaku* 38 (1): 29-32. Feb 1973

070240 410.9 C33
Preparation of reproductive stages of Entomophthora exitialis hall et Dunn. [Galleria mellonella, biological control]. Krejzova, R *Cesk Spolecnosti Zool Vestnik* 37 (1): 21-22. 1973

070241 464.9 C47
Comparative study of parasitic potential of braconid wasp, Apanteles plutellae Kurdj. to diamond-back moth, Plutella xylostella L. & rice moth, Corcyra cephalonica Staint. (Chi) Wang, C L *Chunghua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (3): 125-128. Eng. Sum. Sept 1972

070242 6 W55
25 Years of insect control. Petty, H B *Crops Soils* 25 (7): 4-5. Apr/May 1973

070243 475 SCI23
Effect of triphenyltin acetate on fecundity & fertility of Dysdercus cingulatus F. (Heteroptera: Pyrrhocoridae). Ansari, H J *Cur Sci* 42 (8): 280-281. Ref. Apr 20, 1973

070244 421 EN895
Evaluation of a method for assay of phagostimulants with Spodoptera littoralis larvae under various conditions. Ascher, K R S *Entomol Exp Appl* 16 (1): 101-104. Ref. 1973

070245 421 EN895
Use of a juvenile hormone analogue against fall webworm, Hyphantria cunea. [Biological control]. Varjas, L *Entomol Exp Appl* 16 (1): 115-122. 1973

070246 421 EN895
A comparative study of several strains of Tetranychus neocaledonicus complex & sterilization tests of males by X-rays. Gutierrez, J *Entomol Exp Appl* 16 (1): 123-134. Ref. 1973

070247 421 EN895
Flight behaviour of cocoa-capsids (Hemiptera: Miridae) [Sahlbergella singularis, Distantiella theobroma, cacao insect pests]. Leston, D *Entomol Exp Appl* 16 (1): 91-100. Ref. 1973

070248 421 EN835
Approaches to biological control problems. [Insect pests]. Simmonds, F J *Entomophaga* 17 (3): 251-264. Ref. 1972

070249 275.29 G29C
Stop soil insects. Harris, E D *Ga Univ Ext Circ* 587 (Rev), 10 P. Feb 1973

070250 105.1 G344
Use of pesticides in locust control. [Acrididae, Cecadidae]. Watts, W S *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 392-398. 1972

070251 105.1 G344
Properties of some triazapentaidienes: an new group of biologically active compounds. [Insects, mites, control]. Harrison, I R *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 765-775. 1972

070252 SB951.I562 1971
Symposium: chemistry & activity of insect pheromones. *In International IUpac Congress of Pesticide Chemistry, 2 D, Tel-Aviv, 1971. Pesticide Chemistry; Proceedings* 3: 67-162. 1971

070253 68.29 IN23M
'Green-bug' on Shevaroys. [Coffee, pest control]. Krishnan, R G *Indian Coffee* 37 (1): 13-14. Jan 1973

070254 SB599.I48
Influence of temperature variations on storing resistance of Trichogramma evanescens Westw. wasp, studied in view of field releasing. (Rum) Iacob, M *Inst Cercet Pentru Prot Plant An* 8: 191-199. Eng. Sum. (Pub. 1972)

070255 SB599.I48
Elaboration of a thermostable toxin in different Bacillus thuringiensis strains & its entomopathogenous activity. (Rum) Pana-Beratlief, Z *Inst Cercet Pentru Prot Plant An* 8: 213-224. Ref. Eng. Sum. (Pub. 1972)

070256 SB599.I48
Control of colorado beetle (Leptinotarsa decemlineata Say) by ultra low volume aircraft treatment. (Rum) Alexandrescu, S *Inst Cercet Pentru Prot Plant An* 8: 265-270. Eng. Sum. (Pub. 1972)

070257 SB599.I48
Ecological considerations concerning damaging area of species Tanymecus dilaticollis Gyll. in Romania. (Rum) Paulian, F *Inst Cercet Pentru Prot Plant An* 8: 95-102. Ref. Eng. Sum. (Pub. 1972)

070258 QH540.J6
Use of mirex in control of imported fire ant. [Solenopsis richteri, Solenopsis invicta]. Alley, E G *J Environ Qual* 2 (1): 52-61. Ref. Jan/Mar 1973

070259 421 J826
Sporulation of Bacillus thuringiensis in host cadavers. [Heliothis armigera, Spodoptera exigua]. Prasertphon, S *J Invertebrate Pathol* 21 (2): 205-207. Mar 1973

070260 475 J82
New approaches to control of harmful insects. Koshy, T *J Sci Indus Res* 31 (10): 515-523. Oct 1972

070261 68.29 C652
Work in progress in coffee research. Series III. Part one. Entomology. [Coffee, pest control]. Abasa, R O *Kenya Coffee* 37 (441): 364-368. Dec 1972

070262 385 K524
Results of production tests of granular 4-percent Lindane against Agrotis segetum on Solanum laciniatum stands. (Rus) Li, N *Khim Sel'skom Khoz* 10 (10): 49-50. 1972

070263 385 K524
Acaricidal activity of o-butyl-S-methylbenzyl dithiophosphonate. (Rus) Fadeev, IU N *Khim Sel'skom Khoz* 11 (2): 29-31. Ref. 1973

070264 385 K524
Effect of water-soluble film on insecticidal activity of benzophosphate. (Rus) Shapovalova, G K *Khim Sel'skom Khoz* 11 (2): 37. 1973

070265 448.3 K54
Physiological peculiarities of entomopathogenic fungus Metarrhizium anisopliae (Metch.) Sor. development under conditions of submerged growing. (Ukr) Lappa, N V *Mikrobiol Zhur* 34 (1): 88-89. Jan/-Feb 1972

070266 448.3 K54
Effect of aeration on development of entomopathogenic fungus Beauveria bassiana (Bals.) Vuill. in submerged cultures. (Ukr) Horal', V M *Mikrobiol Zhur* 34 (1): 90-91. Jan/Feb 1972

070267 421 N11
Outbreak of ermine moth Yponomeuta evonymellus L. (Lepidoptera, Yponomeutidae) in summer 1971 at lower Inn river. (Ger) Reichholf, J *Nachrichtenbl Bayer Entomol* 21 (6): 106-116. Ref. Eng. Sum. Dec 15, 1972

070268 464.8 T44
Studies on sterile-male technique as a means of control of Adoxophyes orana (Lepidoptera, Tortricidae). 1. Problems of mass rearing (crowding effects). Ankersmit, G W *Neth J Plant Pathol* 79 (2): 54-61. 1973

070269 464.8 OC32
Use of light traps in control of insect pests. (Pol) Lipa, J J *Ochrona Roslin* 10: 12-14. 1972

070270 464.8 OC32
Tables of pesticide toxicity for bees & of prevention periods. (Pol) Leski, R *Ochrona Roslin* 16 (2): 5-8. Feb 1972

070271 464.8 OC32
Identification of caterpillars of leaf rollers of high economic importance. [Tortricidae]. (Pol) Koslinska, M *Ochrona Roslin* 16 (7): 11-14. July 1972

070272 464.8 OC32
Testing effectiveness of preparation Terra-Sytam in control of plum-hop aphid on hop plantings. (Pol) Gurba, S *Ochrona Roslin* 16 (7): 16-18. July 1972

070273 464.8 OC32
Use of color traps for determination of insect populations or control of insect pests. (Pol) Lipa, J J *Ochrona Roslin* 16 (8/9): 12-13. Ref. Sep 1972

070274 100 OH3S (2)
Decoding insect messages. [Sex pheromones]. *Ohio Agr Res Develop Center Res Bull* 1061: 13-14. 1972

070275 57.8 OR32
Trapping codling moth & apple fruit fly. Carpovich, E A *Org Gard Farming* 20 (5): 100-102. May 1973

070276 475 P174
Gas chromatographic & radiometric study of behaviour of C[carbon]14-DDT on mustard plants under tropical conditions. Baig, M M H *Pakistan J Sci Indus Res* 15 (3): 220-226. Ref. June 1972

070277 25 P543
Seasonal fluctuation of aphid population in eastern Visayas (Leyte) as affected by certain environmental conditions. [Aphididae, mosaic virus, transmission, abaca]. Banados, L L *Philippine J Plant Indus* 35 (3/4): 171-176. 1970 (Pub. 1972)

070278 421 P76
Studies on relationship of Tetranychus urticae Koch & host plants. I. Effect of plant species. Dabrowski, Z T *Pol Pismo Entomol* 42 (4): 821-855. Ref. 1972

070279 421 P76
Studies on relationships of Tetranychus urticae Koch & host plants. II. Gustatory effect of some plant extracts. [Ginkgo biloba, tobacco, strawberries, kidney beans]. Dabrowski, Z T *Pol Pismo Entomol* 43 (1): 127-138. Ref. Mar 30, 1973

070280 421 P76
Harmful effects of insecticides used in Poland on honey bee Apis mellifica L. (Hymenoptera, Apidae). (Pol) Gorecki, K *Pol Pismo Entomol* 43 (1): 201-210. Ref. Eng. Sum. Mar 30, 1973

070281 421 P76
Materials to knowledge of fauna of mining insects in south-eastern Poland. III. (Pol) Beiger, M *Pol Pismo Entomol* 43 (1): 3-14. Ref. Eng. Sum. Mar 30, 1973

070282 SB950.A1P3
Fourteenth International Congress of Entomology, Cranberra, August 22-30, 1972. Haskell, P T *PAns Pest Artic News Summ* 19 (1): 140-147. Mar 1973

070283 SB950.A1P3
Some hydrolases & their involvement in insecticide resistance. Sudderuddin, K I *PAns Pest Artic News Summ* 19 (1): 24-35. Ref. Mar 1973

070284 SB950.A1P3
Insect mobility & philosophy of crop protection with reference to Sudan Gezira. Joyce, R J V *PAns Pest Artic News Summ* 19 (1): 62-70. Ref. Mar 1973

070285 68.28 R322
Recommendations for control of coffee fruit borer Hypothenemus hampei (Ferrari, 1867). (Spa) Hernandez Paz, M *Rev Cafetalera* 121: 21-25. Jan 1973

070286 41.8 R3227
'resistance factor' of tick 'Boophilus microplus' (Can.), Lah. to organo-phosphorus compounds. Its signifance in acaricide efficacy. (Spa) Grillo Torrado, J M *Rev Invest Agropecuar Ser 4 Patol Anim* 9 (1): 25-35. Eng. Sum. 1972

070287 SB599.R6
Occurrence of aphids (Aphidodea, Homoptera) on wild cruciferous plants (Cruciferae) in Poland in 1970. (Pol) Studzinski, A *Rocz Nauk Roln Pol Agric Annu Ser E Ochr Rosl* 2 (2): 119-147. Map. Ref. Eng. Sum. 1972

070288 SB599.R6
Distribution & pattern of infestation of Tetranychus urticae koch on Hops. (Pol) Burdajewicz, S *Rocz Nauk Roln Pol Agric Annu Ser E Ochr Rosl* 2 (2): 43-49. Eng. Sum. 1972

070289 SB599.R6
Control of Tetranychus urticae Koch on hops with experimental acaricides. [United states]. (Pol) Cone, W W *Rocz Nauk Roln Pol Agric Annu Ser E Ochr Rosl* 2 (2): 51-56. Eng. Sum. 1972

070290 SB599.R6
Studies on insecticidal action & toxicity to mammals of new organophosphorus compounds. [Leptinotarsa decemlineata, Musca domestica]. (Pol) Bakuniak, E *Rocz Nauk Roln Pol Agric Annu Ser E Ochr Rosl* 2 (2): 89-105. Eng. Sum. 1972

070291 420 R81
Plant in life of an aphid. Kennedy, J S *Roy Entomol Soc London Symp* 6: 129-140. Ref. 1972

070292 420 R81
Deductions from present day host plants of aphids & related insects. Eastop, V F *Roy Entomol Soc London Symp* 6: 157-178. Ref. 1972

070293 420 R81
Host plants in population dynamics of insects. Emden, H F van *Roy Entomol Soc London Symp* 6: 181-199. Ref. 1972

070294 420 R81
Insects in population dynamics of plants. Harris, P *Roy Entomol Soc London Symp* 6: 201-209. Ref. 1972

070295 420 R81
Orgins of vector-borne plant viruses. Tinsley, T W *Roy Entomol Soc London Symp* 6: 43-50. Ref. 1972

070296 505 N15
Processionary moth & muskrat in Loire-Atlantique [Thaumetopoea pithyocampa, forest pests]. (Fre) Mahieu, N *Soc Sci Natur Ouest France Bull* 70 (3): 1-5. Oct 1972

070297 442.8 ER3
Behavior of parasite-entomophagous insects & its significance for biological pest control. (Rus) Viktorov, G A *Usp Sovrem Biol* 74 (3): 482-493. Ref. Nov/Dec 1972

070298 20 V82
Effectiveness of Acaridim in controlling hawthorn mite. (Ukr) Lynnyk, L I *Visnyk Sil's'kohospodar Nauk* 2: 78-79. Feb 1973

070299 275.29 W27MI
Control of insect & mite pests of home & garden. *Wash State Univ Ext Em* 3318 (Rev.), 35 P. Mar 1973

070300 275.29 W27MI
Formulations & concentrations of insecticides & miticides. *Wash State Univ Ext Em* 3319 (Rev9), 8 P. Mar 1973

070301 421 Z36
On mode of action of sterilants in Tetranychus urticae (koch) (Acari, Tetranychidae). I. Development of female genital organ & oogenesis in non treated spider mites. (Ger) Langenscheidt, M *Z Angew Entomol* 73 (1): 103-106. Eng. Sum. Apr 1973

070302 464.8 Z1
A contribution to knowledge of mechanism of action of inert dusts of insects. (Cro) Maceljski, M *Zastita Bilja* 23 (117/118): 49-64. Ref. Eng. Sum. 1972

070303 410 R92
Resistance of red spider mite, Tetranychus urticae (Acariformes, Tetranychidae) to galecrone (Chlorphenamidine). (Rus) Petrushov, A Z *Zool Zh* 52 (3): 365-371. Ref. Eng. Sum. Mar 1973

INSECT PESTS AND CONTROLS — FIELD CROPS

070304 333.8 AG8
Further aerial trials with pesticides at Ultra-low-Volume for control of sugar cane pests in Pakistan. Ahmad, F U *Agric Aviat* 15 (2): 51-53. Apr 1973

070305 26 AG86
Report: Symposium on control of sorghum shoot flies, Hyderabad (India), November 1-3, 1971. [Atherigona]. (Fre) Breniere, J *Agron Trop (paris)* 27 (10): 1051-1055. Oct 1972

070306 100 AL1S (1)
Influence of simulated early-season insect damage on growth & yield of cotton. Gilliland, F R Agricultural Experiment Station *Ala Agr Exp Sta Bull* 442, 11 P. Dec 1972

070307 424.8 AM3
Beekeeper & alfalfa weevil control program. [Hypera poastica, parasites, Bathyplectes curculionis]. King, D A *Amer Bee J* 113 (5): 174-176. May 1973

070308 442.8 AN72
Transmission of rayado fino virus of maize (Zea mays) by Dalbulus maidis. Gamez, R *Ann Appl Biol* 73 (3): 285-292. Ref. Apr 1973

070309 100 AR42M
Bollworm outbreaks on cotton in Arkansas: 1962 – 1970. [Heliothis zea, Heliothis virescens]. Lincoln, C *Ark Agr Exp Sta Mimeogr Ser* 211, 18 P. Map. Mar 1973

070310 100 AR42F
Bollworm population trends at Dell & Newport in 1972. [Heliothis zea]. Slosser, J E *Ark Farm Res* 22 (2): 5. Mar-/Apr 1973

070311 410.9 G31M
Plant protection in industrialized agricultural production. [Pest control]. (Ger) Mathys, G *Berlin Biol Bundesanst Land-forstwirtsch Mitt* 146: 39-60. Ref. Sept 1972

070312 421 B65
Relationship of larval density to uric acid content in armyworm, Leucania separata Walker. [Corn]. Ikemoto, H *Botyu-kagaku* 38 (1): 40-42. Feb 1973

070313 421 C16
Studies on arthropod fauna of alfalfa. IV. Species associated with crown. Wheeler, A G *Can Entomol* 105 (3): 353-366. Ref. Mar 1973

070314 421 C16
Studies on arthropod fauna of alfalfa. V. Spiders (Araneida). Wheeler, A G *Can Entomol* 105 (3): 425-432. Ref. Mar 1973

070315 421 C16
Effects of infestations by corn leaf aphid, Rhopalosiphum maidis (Homoptera: Aphididae), on field corn in southwestern Ontario. Foott, W H *Can Entomol* 105 (3): 449-458. Ref. Mar 1973

070316 464.9 C47
Distribution of Nephotettix leafhoppers in Taiwan. [Rice, diseases, transmission]. (Chi) Chen, C C *Chung-hua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (1): 41-45. Eng. Sum. Mar 1972

070317 464.9 C47
Ultra-low-volume ground spray application of pesticides for control of rice diseases & insect pests. [Pyricularia oryzae, Chilo suppressalis]. (Chi) Liu, T S *Chung-hua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (2): 74-80. Eng. Sum. June 1972

070318 464.9 C47
Tobacco vein-banding mosaic virus. [Myzus persicae, insect vectors]. (Chi) Chin, W T *Chung-hua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (3): 116-124. Eng. Sum. Sept 1972

070319 464.9 C47
Transmission of rice stripe by small brown planthopper Laodelphax striatellus Fallen. [Virus disease]. (Chi) Chiu, M D *Chung-hua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (3): 89-94. Eng. Sum. Sept 1972

070320 6 W55
Greenbugs on sorghum. Teetes, G L *Crops Soils* 25 (7): 8-9. Apr/May 1973

070321 421 EN895
Growth of cotton spotted bollworm, Earias fabia (Lepidoptera: Noctuidae) in relation to consumption, nutritive value & utilization of food from various plants. Mehta, R C *Entomol Exp Appl* 16 (1): 20-30. Ref. 1973

070322 421 EN895
A cause of variation in distribution of infestations of wheat bulb fly (Leptohylemyia coarctata) within fields. Bardner, R *Entomol Exp Appl* 16 (1): 31-38. Ref. 1973

070323 421 EN835
Establishment of Anagyrus saccharicola Timb. Hymenoptera: Encyrtidae in Barbados, West Indies, against sugarcane mealybug, Saccharicoccus sacchari (Ckll.) (Hemiptera: Coccidae). Alam, M M *Entomophaga* 17 (4): 357-363. Ref. 1972

070324 10 EX72
Trials of spraying & cultural practices on cotton in Uganda. I. Agronomic & spraying implications. [Heliothis armigera, Tetranychus telarius, Polyphagotarsonemus latus, control]. Davies, J C *Exp Agr* 9 (2): 147-157. Apr 1973

070325 18 W763
Possible ways to control Leptohylemyia coarcata in grain culture. (Ger) Wetzel, T *Feldwirtschaft* 14 (3): 124-126. Mar 1973

070326 421 P692
Ecological studies on aphid, painted bug & sawfly attacking mustard & rape in India. [Lipaphis erys Srivastava, A S *FAo Plant Prot Bull* 20 (6): 136-140. Dec 1972

070327 464.8 G33
Control of Oscinella frit of corn by seed treatment. (Ger) Muller, H W K *Gesunde Pflanzen* 25 (3): 37-38, 40, 42. Mar 1973

070328 105.1 G344
Possibilities for integrated control of insect pests in cotton growing in Central Africa. Brader, L *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 408-415. 1972

070329 105.1 G344
Efficacy of some insecticides in controlling saddle gall midge Haplodiplosis marginata (von Roser). [Wheat]. (Dut) De clercq, R *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 723-728. Eng. Sum. 1972

070330 105.1 G344
Effectiveness of several insecticides in control of bean seed fly Hylemya cilicrura Rond. 1. [Kidney beans]. (Dut) Hertveldt, L *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 729-737. Eng. Sum. 1972

070331 17 SCH9
Weed & pest control in sugar beet culture. (Ger) Meyer, H *Grune* 101 (14): 491-496. Apr 6, 1973

070332 107.6 H61B
Population trends of Nephotettix cincticeps Uhler & Laodelphax striatellus Fallen in non-cropping paddy fields. (Jap) Kono, T *Hiroshima Agr Exp Sta Bull* 32: 17-30. Eng. Sum. Nov 1972

070333 107.6 H61B
Pentatomid bugs & allied species collected from paddy fields in Hiroshima Prefecture. (Jap) Nakazawa, K *Hiroshima Agr Exp Sta Bull* 32: 7-15. Ref. Eng. Sum. Nov 1972

070334 SB191.W5P62
Physicochemical changes in winter wheat grain damaged by Eurygaster integriceps. (Rus) Kuchumova, L P *In Povyshenie Kachestva Zerna Pshenitsy* P. 191-197. 1972

070335 SB191.W5P62
Biochemical aspects of deteriorating baking quality of wheat damaged by Eurygaster integriceps. (Rus) Ekman, N V *In Povyshenie Kachestva Zerna Pshenitsy* P. 198-202. 1972

070336 22 AG83I
Estimates of incidence of pests & diseases & consequent field losses in yield of wheat (Triticum aestivum L.). [Tanymecus indicus, Microtermes obesi, Puccinia triticina, Puccinia graminis triti Kishen, K *Indian J Agr Sci* 42 (10): 908-912. Oct 1972

070337 22 AG83I
Insecticidal control of cutworm (Agrotis ypsilon Rott.) on tobacco (Nicotiana tabacum L.). Thimmaiah, G *Indian J Agr Sci* 42 (10): 925-927. Oct 1972

070338 420 IN23
Persistent toxicity of malathion & pyrethrins to adults of rice weevil, Sitophilus oryzae Linn. (Curculionidae: Coleoptera). Senapati, B *Indian J Entomol* 34 (1): 1-4. (Pub. Jan 1973)

070339 420 IN23
Further studies on nature of antibiosis in maize (Zea mays Linn.) against maize stem borer, Chilo zonellus (Swinhoe). Sharma, V K *Indian J Entomol* 34 (1): 11-19. Ref. (Pub. Jan 1973)

070340 420 IN23
Studies on nutritional deficiencies in maize in relation to stem borer, Chilo zonellus (Swinhoe) resistance. Sharma, V K *Indian J Entomol* 34 (1): 5-10. (Pub. Jan 1973)

070341 420 IN23
Effect of time of application of insecticides on grain losse s due to paddy armyworms. [Pseudaletia separata. Cirphis loreyi]. Gargav, V P *Indian J Entomol* 34 (1): 57-59. (Pub. Jan 1973)

070342 420 IN23
Coccinella undecimpunctata Linn. as a predator of sorghum stem borer, Chilo zonellus (Swinhoe). Jotwani, M G *Indian J Entomol* 34 (1): 70-71. (Pub. Jan 1973)

070343 420 IN23
New record of Heliothis armigera Hubn. as a pest of wheat in India & efficacy of some insecticides against its larvae. Doval, S L *Indian J Entomol* 34 (1): 72-73. (Pub. Jan 1973)

070344 420 IN23
Relation between date of sowing & incidence of sesamum phyllody & abundance of its cicadellid vector. [Orosius albicinctus]. Mathur, Y K *Indian J Entomol* 34 (1): 74-75. (Pub Jan 1973)

070345 420 IN23
New host record of Atherigona naqvii Steyskal (Anthomyiidae: Diptera) from India together with new record of its three hymenopterous parasites. [Wheat]. Kundu, G G *Indian J Entomol* 34 (1): 80-81. (Pub. Jan 1973)

070346 420 IN23
Occurrence of Indian grain aphid, Macrosiphum (Sitobion) miscanthi Takahashi on barley crop in Kulu Valley, Himachal Pradesh. Aggarwal, V D *Indian J Entomol* 34 (1): 82. (Pub. Jan 1973)

070347 420 IN23
Estimation of loss in T-21 variety of arhar (Cajanus cajan Linn.) due to tur pod fly (Melnagromyza obtusa Malloch) [Pigeon peas]. Srivastava, O S *Indian J Entomol* 34 (1): 82-83. (Pub. Jan 1973)

070348 420 IN23
Toxicity of some modern insecticides to paddy cutworm, Pseudaletia separata Walker. [Rice]. Kalode, M B *Indian J Entomol* 34 (1): 84-85. (Pub. Jan 1973)

070349 65.8 IN26
Apanteles flavipes (Cameron) – a promising parasite of sugarcane borers. Butani, D K *Indian Sugar (calcutta)* 22 (7): 577-578. Oct 1972

070350 65.8 IN26
Variations in some leaf sheath characters in relation to varietal susceptibility to sheath mite of sugarcane. [Aceria sacchari]. Sithananthan, S *Indian Sugar (calcutta)* 22 (8): 637-639. Ref. Nov 1972

070351 SB599.I48
Analysis of conditions necessary for growth & development of Trichogramma chilonis Ish. oophagous wasp in view of establishing conditions of its releasing in crops infested by European (Rum) Savescu, A *Inst Cercet Pentru Prot Plant An* 8: 179-1899 eng. Sum. (Pub. 1972)

070352 SB599.I48
Influence of aldrin, dieldrin & heptachlor compounds on absorption & translocation of Bhc & DDT insecticides from soil into maize plants. (Rum) Polizu, A *Inst Cercet Pentru Prot Plant An* 8: 257-263. Eng. Sum. (Pub. 1972)

070353 22 IN8
Save tapioca from pests. Rao, Y R V J *Intensive Agr* 10 (11): 13-14. Jan 1973

070354 464.9 P432
Effects of insecticides on alfalfa weevil (Hypera postica Gyll.) when sprayed by Turbair X & a hand sprayer. Hodjat, S H *Iran Inst Rech Entomol Phytopathol Entomol Phytopathol Appl* 32: 8-13. Mar 1972

070355 S19.J62
Evolution of medium quality borer resistant varieties of rice at rice research station, Kala Shah Kaku. [Chilo suppressalis]. Shafi, M *J Agric Res* 10 (1): 1-9. Mar 1972

070356 420 EN823
Transmission of Fiji disease by Perkinsiella saccharicida Kirkaldy collected from northern Queensland. [Virus diseases, Sugarcane]. Osborn, A W *J Aust Entomol Soc* 11 (4): 344-346. Map. Dec 1972

070357 421 J822
Tobacco flea beetle overwintering & spring emergence in cages. [Epitrix hirtipennis]. Dominick, C B *J Econ Entomol* 66 (1): 116-117. Feb 15, 1973

070358 421 J826
High resolution autoradiography of mycoplasmalike organisms multiplying in some tissues of an insect vector for clover-phyllody. Gouranton, J *J Invertebrate Pathol* 21 (2): 158-163. Mar 1973

070359 385 K524
Change in population of Arthropoda in alfalfa field plant associations after treating with granular Lindane. (Rus) Titova, R P *Khim Sel'skom Khoz* 10 (10): 45-47. 1972

070360 385 K524
Application of granular dimethoate for control of aphids on sugar beet crops & seed beets. (Rus) Reznik, V N *Khim Sel'skom Khoz* 11 (2): 31-33. 1973

070361 385 K524
Organic phosphorus preparations for controlling sugar beet insect pests. (Rus) Nesterenko, N I *Khim Sel'skom Khoz* 11 (2): 33-36. Ref. 1973

070362 275.29 M36B
Insect control on field crops. Harding, W C *Md Univ Ext Ext Bull* 237, Rev.: 7-13. 1973

070363 275.29 N463E
Cotton insect management suggestions. Durkin, J *N Mex State Univ Ext Circ* 454, 18 P. Mar 1973

070364 464.4 N83
Meligethes aeneus. [Rape, pests]. (Nor) Rygg, T *Norway Landbruksdep Opplysningstjenesten Smaskr* 14, Rev., 4 P. 1972

070365 464.8 OC32
On occurrence of gradation centres of Parastichtis basilinea Schiff. in western pomerania area. [Cereal crops, insect pests]. (Pol) Dubniak, H *Ochrona Roslin* 16 (1): 11-14. Map. Jan 1972

070366 464.8 OC32
Cabbage moth – a pest on tobacco seed plantation. [Barathra brassicae]. (Pol) Opoka, B *Ochrona Roslin* 16 (6): 14-15. June 1972

070367 S544.3.O5O5
1973 Cotton insect control in Oklahoma. Young, J *Okla State Univ Coop Ext Serv OSu Ext Facts* 7162, 2 P. Mar 1973

070368 S544.3.O5O5
Control of alfalfa weevil in Oklahoma. [Hypera postica]. Berberet, R C *Okla State Univ Coop Ext Serv OSu Ext Facts* 7166, 4 P. Map. Mar 1973

070369 77.8 OL2
Pests & diseases of oil & coconut palm: Parasa. (Fre) Mariau, D *Oleagineux* 28 (3): 129-131. Mar 1973

070370 77.8 OL2
Trials of chemical control of Aceria guerreronis (Keifer). [Coconuts]. (Fre) Mariau, D *Oleagineux* 28 (3): 133-135. Mar 1973

070371 475 P174
An important rice pest Thaia oryzivora Ghauri (Typhlocybinae: Homoptera) & some remarks on its population in East Pakistan. Ahmed, M *Pakistan J Sci Indus Res* 15 (3): 177-180. June 1972

070372 475 P174
Some observations on decay of P[phosphorus]-32 in desert locust-Schistocerca gregaria (Forsk). Huque, H *Pakistan J Sci Indus Res* 15 (3): 184-187. June 1972

070373 475 P174
Volatilization of gamma-BHC at tropical temperature. [Rice, pest control]. Khan, N *Pakistan J Sci Indus Res* 15 (3): 227-228. June 1972

070374 475 P174
Laboratory evaluation of malathion & vapona for control of red flour beetle, Tribolium castaneum (Herbst), in wheat. Sardar, M A *Pakistan J Sci Indus Res* 15 (3): 239. Ref. June 1972

070375 464.8 P56
Selective inbreeding of Macrosteles fascifrons for increased efficiency in virus transmission. [Blue dwarf, oats]. Timian, R G *Phytopathology* 63 (1): 109-112. Ref. Jan 1973

070376 421 P76
Trichomalus perfectus (Walk.) (Hymenoptera, Pteromalidae) in forest biocoenosis & problem of biological protection of rape. [Ceutorhynchus assimillis, natural control]. (Pol) Szczepanski, H *Pol Pismo Entomol* 42 (4): 865-871. Ref. Eng. Sum. 1972

070377 281.9 B87
Soil treatments for corn culture. [Insecticides]. (Fre) Darrigrand, M *Prod Agr Fr* 49 (124): 37-38. Feb 2, 1973

070378 SB950.A1P3
A plant-feeding mite Mononychellus tanajoa (Bondar) (Acarina: Tetranychidae) new to African continent threatens Cassava (Manihot esculenta Crantz) in Uganda, East Africa. Lyon, W F *PAns Pest Artic News Summ* 16 (1): 36-37. Mar 1973

070379 SB950.A1P3
Ultra-low-volume spray application on cotton in Malawi. [[Diparopsis castanea, Heliothis armigera]. Matthews, G A *PAns Pest Artic News Summ* 19 (1): 48-53. Ref. Mar 1973

070380 13 R322
Occurrence of wheat bulb fly Hylemyia coarctata Fall. In Belgium. (Fre) Clercq, R de *Rev Agr (brussels)* 25 (11/12): 1595-1600. Eng. Sum. Nov/Dec 1972

070381 SB599.R6
Results of field studies on control of bean aphid Aphis fabae Scop. on sugar beet with insecticides containing fenitrothion. (Pol) Studzinski, A *Rocz Nauk Roln Pol Agric Annu Ser E Ochr Rosl* 2 (2): 107-118. Ref. Eng. Sum. 1972

070382 SB599.R6
Control of seed pod weevil (Ceuthorrhynchus assimilis Payk.). on winter rape. (Pol) Skrocki, C *Rocz Nauk Roln Pol Agric Annu Ser E Ochr Rosl* 2 (2): 21-32. Eng. Sum. 1972

070383 SB599.R6
Estimation of economical losses caused by Ceuthorrynchus assimilis Payk. [Winter rape, insect pests]. (Pol) Skrocki, C *Rocz Nauk Roln Pol Agric Annu Ser E Ochr Rosl* 2 (2): 33-42. Eng. Sum. 1972

070384 SB599.R6
Biology of Ceuthorrhynchus assimilis Payk. [Winter rape, insect pests]. (Pol) Skrocki, C *Rocz Nauk Roln Pol Agric Annu Ser E Ochr Rosl* 2 (2): 7-20. Eng. Sum. 1972

070385 275.29 SO85FS
Greenbug control on sorghum. [Schizaphis graminum]. Kantack, B H *S Dak State Univ Ext Fs* 587, 3 P. Mar 1973

070386 275.29 SO85FS
Greenbugs on small grain, including control of English grain aphid. [Schizaphis graminum]. Kantack, B H *S Dak State Univ Ext Fs* 588, 3 P. Mar 1973

070387 420 SW6
Chilo partellus Swinh., Chilo orichalcociliella Strand (Lepidoptera Crambidae) & Sesamia calamists Hmps. (Lepidoptera, Noctuidae) on Maize in Coast Province , Kenya. Mathez, F C *Schweiz Entomol Ges Mitt* 45 (4): 267-286. Ref. Feb 28, 1973

070388 56.8 SO38
Studies on utilization of upland seedling as a counter measure to prevent zinc deficiency in rice plant. Shiratori, K *Soil Sci Plant Nutr* 18 (6): 209-217. Nov 1972

070389 9.2 SO4
Effect of two insecticides on 'cotton leafworm' Alabama argillacea Hueb., 1818, applied under low volume. (Por) Paro, L A *Solo* 64 (2): 17-19. Eng. Sum. Nov 1972

070390 66.8 SU34B
Websorms – high powered leaf eaters. [Sugarbeets]. *Sugar Beet* P. 13. Spring 1973

070391 66.8 SU34B
Wireworms – enemy to sugarbeet tap roots & sprouts. *Sugar Beet* P. 15. Spring 1973

070392 66.8 SU34B
Aphids – another troublemaker that must be Fatched. [Sugarbeets]. *Sugar Beet* P. 15. Spring 1973

070393 66.8 SU34B
Wanted: for killing sugarbeets – lygus bug. *Sugar Beet* P. 16. Spring 1973

070394 66.8 SU34B
Sugarbeet leafhopper-curley top virus carrier. *Sugar Beet* P. 17. Spring 1973

070395 66.8 SU34B
Beet leaf miner – a potential problem for sugarbeet leaves. *Sugar Beet* P. 18. Spring 1973

070396 66.8 SU34B
Flea beetles – troublemaker for seedling sugarbeets. *Sugar Beet* P. 20. Spring 1973

070397 66.8 SU34B
Root maggot – early summer threat to sugarbeets. *Sugar Beet* P. 21. Spring 1973

070398 66.9 SV22
Fighting pests of sugar beets. [Insects]. (Swe) Nilsson, I *Sver Betodlares Centralforen Betodlaren* 2: 71-72. 1972

070399 S19.T3
Investigation on resistance of green rice leaf-hopper to insecticides in Taichung district. [Nephotettix cincticeps]. (Chi) Fang, M N *Taiwan Agr Quart* 8 (4): 105-114. Eng. Sum. Dec 1972

070400 S19.T3
Determination of rice weevil, (Sitophilus oryzae Linne) resistance to insecticides & development of substitutive chemicals. (Chi) Lin, *Taiwan Agr Quart* 8 (4): 115-123. Ref. Eng. Sum. Dec 1972

070401 65.9 F76R
Bionomics of Matsumuratettix hiroglyphicus Matsumura, an insect vector of sugarcane white leaf disease. III. A study on relationship between environmental factors & oviposition. (Chi) Yang, S L *Taiwan Sugar Exp Sta Rep* 57: 65-74. Ref. Eng. Sum. Sept 1972

070402 107.6 T134
Some notes on Lymaenon sp. (Hymenoptera: Mymaridae), an egg parasite of green rice leafhopper Nephotettix cincticе Uhler (Homoptera: Cicadellidae) & its distribution in Hokuriku district. [Biological control]. (Jap) Orita, S *Takada Hokuriku Agr Exp Sta Bull* 14: 91-124. Ref. Eng. Sum. Mar 1972

070403 100 T31P
Field tests of chemicals for control of tobacco budworms & bollworms of cotton, College Station. [Heliothis virescens, Heliothis zea, Texas]. Hanna, R L *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3082/3091: 22-36. Sept 1972

070404 100 T31P
Resistance levels & results of laboratory insecticide tests for controlling bollworms, tobacco budworms & boll weevils. [Heliothis zea, Heliothis virescens, Anthonomus gra Nemec, S J *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3082/3091: 74-85. Sept 1972

070405 100 T31P
Predisposing influence of greenbugs on charcoal rot of sorghum. [Schizaphis graminum, Macrophomina phaseoli]. Teetes, G L *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3173, 6 P. Mar 1973

070406 26 T754
Resistance to carbamate insecticides in Aeneolzmia varia saccharina (Distant). [sugarcane]. Evans, D E *Trop Agr (st Augustine)* 50 (2): 153-163. Ref. Apr 1973

070407 448.8 V81
Importance of leaf hairs in transmission of tobacco mosaic virus by aphids. Harris, K F *Virology* 52 (1): 295-300. Ref. Mar 1973

070408 275.29 W27MI
Identification of insect & mite pests in field crops cooperative extension service. *Wash State Univ Ext Em* 3305 (Rev), 20 P. Mar 1973

070409 275.29 W27MI
Control of insect & mite pests of field crops cooperative extension service. *Wash State Univ Ext Em* 3306 (Rev), 24 P. Mar 1973

070410 275.29 W27MI
Identification of insect & mite pests of alfalfa, clover, & grasses grown for seed cooperative extension service. *Wash State Univ Ext Em* 3311 (Rev), 14 P. Mar 1973

070411 421 Z36
Increased fecundity of Egyptian cotton leafworm following alpha-naphthol or p-nitrophenol administration. [Spodoptera littoralis]. Atallah, Y H *Z Angew Entomol* 73 (1): 70-73. Ref. Apr 1973

070412 20.5 Z5
Preliminary observations on occurrence of oat blue dwarf. [Macrosteles laevis, vectors]. (Pol) Hoppe, W *Zeszyty Probl Postepow Nauk Roln* 133: 123-141. Ref. Eng. Sum. 1972

070413 20.5 Z5
Further observations on occurence of wheat virus disease with symptoms of wheat striate & results of some studies on its transmission. [Psammotettix alienus, vectors]. (Pol) Hoppe, W *Zeszyty Probl Postepow Nauk Roln* 133: 143-144. Eng. Sum. 1972

INSECT PESTS AND CONTROLS — HORTICULTURAL CROPS

070414 22.5 N682
Ecology of a new insect pest of citrus plant, Spitarctia imparilis & its control. (Jap) Matsuura, M *Agric Hortic* 48 (4): 83-87. Apr 1973

070415 97.31 AM32
Tea scale control with trunk applications of systemic insecticides. [Fiorinia theae]. Tippins, H H *Amer Camellia Yearbook* P. 36-39. 1973

070416 75.8 P842
Purple top roll disease of potato. [Leafhoppers, vectors]. Nagaich, B B *Amer Potato J* 50 (3): 79-85. Ref. Mar 1973

070417 96.1 AM5
Let's take care of our roses. [Tortricidae, Rosa]. (Fre) Denninger, C *Amis Roses* Special No. 312 (4): 34-36. Fourth Quarter 1972

070418 442.8 AN72
Chemosterlization of cabbage root fly under field conditions. [Erioischia brassicae, Biological control]. Finch, S *Ann Appl Biol* 73 (3): 243-258. Ref. Apr 1973

070419 442.8 B529
Two-spotted mite Tetranychus urticae Koch, 1836 & its experimental control on eggplant. (Por) Mariconi, F A M *Biologico* 38 (12): 416-418. Eng. Sum. Dec 1972

070420 464.8 B542
Studies on distribution, rate of infection, parasites & predators of grape berry moth (Lobesia botrana Den. et Schiff.) in southern Anatolia. (Tur) Kisakurek, O R *Bitki Koruma Bulteni* 12 (3): 183-186. Eng. Sum. Sept 1972

070421 421 B65
Joint toxic action of organophosphorus compounds & various compounds in resistant citrus red mites. II. [Panonychus citri]. (Jap) Takahashi, Y *Botyu-kagaku* 38 (1): 13-21. Ref. Eng. Sum. Feb 1973

070422 421 B65
Studies on characteristics of action of fumigants. I. fifty percent knock down dose of hydrogen phosphide to adsuki bean weevil, Callosobruchus chinensis L., calculated from uptake amounts of oxygen by weev (Jap) Sato, K *Botyu-kagaku* 38 (1): 22-29. Eng. Sum. Feb 1973

070423 421 C16
Effect of European red mite, Panonychus ulmi (Acarina: Tetranychidae), infestations on N [nitrogen] P [phosphorus, K[potassium], concentrations in apple foliage throughout season. Herbert, H J *Can Entomol* 105 (2): 263-269. Ref. Feb 1973

070424 421 C16
Distribution of phytophagous & predacious mites on apple trees in Nova Scotia. [Aculus schlechtendali, Panonychus ulmi, Zetzellia mali]. Herbert, H J *Can Entomol* 105 (2): 271-276. Feb 1973

070425 421 C16
Seed maggot complex, Hylemya (Delia) platura & Hylemya (Delia) liturata (Diptera: Anthomyiidae), as primary pests of radish. Nair, K S S *Can Entomol* 105 (3): 445-447. Ref. Mar 1973

070426 87 M42
Studies on orchard illumination against fruit-piercing moths. V. Test of large rotary flasher in vine orchard. (Jap) Nomura, K *Chiba Univ Fac Hort Tech Bull* 20: 45-49. Eng. Sum. Dec 1972

070427 464.9 C47
Observations on Apanteles plutellae Kurdjumov, a larval parasite of diamondback moth, Plutella xylostella Linaeus. [Vegetables, insect pests, biological control. (Chi) Chiu, S C *Chung-hua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (4): 145-152. Ref. Eng. Sum. Dec 1972

070428 464.9 C47
A study on ecology of melon fly. [Dacus cucurbitae]. (Chi) Lee, H S *Chung-hua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (4): 175-182. Eng. Sum. Dec 1972

070429 80 C495
Timing of measures for budmite control to reduce blossom malformation. Mathew, J *Citrus Grow Sub-trop Fruit J* 469: 13-14. Jan 1973

070430 80 C495
Citrus scale insects; Biological control proves successful. Bedford, E C G *Citrus Grow Sub-trop Fruit J* 470, 4-5, 7, 9, 11. Feb 1973

070431 80 C49
Citrus insect control for summer 1973. Brooks, R F *Citrus Indus* 54 (5): 4, 7. May 1973

070432 421 EN895
Inhibition of development of larvae of olive fruit fly, Dacus oleae (Diptera: :tephritidae), in olives treated with streptomycin. Tzanakakis, M E *Entomol Exp Appl* 16 (1): 39-47. 1973

070433 421 EN835
Conditions under which larvae of Colorado beetle, Leptinotarsa decemlineata Say are infected by Beauveria bassiana (Bals.) Vuill. (Fungi imperfecti). [Biological control, potato insect pests]. (Fre) Fargues, J *Entomophaga* 17 (3): 319-337. Ref. 1972

070434 275.29 F66C
Pests of ornamental plants & their control by home gardeners. [Insects, mites]. Short, D E *Fla Univ Ext Circ* 379, 12 P. Mar 1973

070435 96.532 F95
Glasshouse red spider mite. [Tetranychus urticae, Tetranychus cinnabarinus]. Fraser, J C *Fuchsia Annu* 35: 32-33. Feb 1973

070436 421 P692
Ecological studies on aphid, painted bug & sawfly attacking mustard & rape in India. [Lipaphis erys Srivastava, A S *FAo Plant Prot Bull* 20 (6): 136-140. Dec 1972

070437 275.29 G29C
Insect control on cucumbers, melons, squash and pumpkins. Harris, E D University Cooperative Extension Service *Ga Univ Ext Circ* 566, 12 P. Feb 1973

070438 275.29 G29L
Camellia insect control. Coleman, V R University Cooperative Extension Service *Ga Univ Ext Leafl* 79 (Rev), 2 P. Feb 1973

070439 275.29 G29L
Pickleworm. [Diaphania nitidalis]. Harris, E D University Cooperative Extension Service *Ga Univ Ext Leafl* 84 (Rev), 2 P. Jan 1973

070440 80 G1938
Fighting raspberry leaf mites (Eriophyes gracilis). (Nor) Stenseth, C *Gartneryrket* 63 (7): 112-114. Feb 16, 1973

070441 80 G1938
Byturus tomentosus attacking raspberries. (Nor) Stenseth, C *Gartneryrket* 63 (7): 117-118. Feb 16, 1973

070442 SB320.G4
New possibilities for control of Chortophila brassica on cabbage in Switzerland. (Ger) Rufer, R *Gemuse* 8 (6): 176. June 1972

070443 105.1 G344
In vitro culture of mycoplasmas of plants & their transmission by vectors. [Euscelis plebejus, apples]. (Fre) Giannotti, J *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 429-440. Ref. Eng. Sum. 1972

070444 105.1 G344
Using Metomil to control Saissetia oleae Bern. on mandarine oranges. (Fre) Liotta, G *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 717-722. 1972

070445 105.1 G344
Evaluation of marking maehods for studying adult activity of cabbage root fly, Hylemya brassicae (Bche.), in field. Dinther, J B M van *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 738-746. 1972

070446 105.1 G344
Control of carrot rust fly (Psila rosa F.) in 1971. Results of experiments with some insecticides. (Fre) Vincinaux, C *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 747-754. Eng. Sum. 1972

070447 105.1 G344
Male sterilization of Dacus oleae to determine correct doses of triethylene phosphoramide. [Olives]. (Fre) Fytizas, E *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 760-764. 1972

070448 22 AG83I
Evaluation of new pesticides for control of Tetranychus cucurbitae Rahman & Sapra, infesting brinjal in Punjab. [Eggplant]. Gupta, S K *Indian J Agr Sci* 42 (10): 921-924. Oct 1972

070449 22 AG83I
Chemical control of hairy caterpillar, Euproctis fraterna Moore, on jujube (Zizi-phus mauritiana Lamk.). Verma, A N *Indian J Agr Sci* 42 (10): 928-931. Oct 1972

070450 420 IN23
Studies on carbaryl, DDT & endosulfan residues on tomato fruits. [Heliothis armigera]. Deshmukh, S N *Indian J Entomol* 34 (1): 31-34. Ref. (Pub. Jan 1973)

070451 420 IN23
Relative resistance of eight important varieties of gram Cicer arietinum(Linn.) to pulse beetle, callosobruchus chinensis (Linn.). Reddy, A R *Indian J Entomol* 34 (1): 50-51. (Pub. Jan 1973)

070452 420 IN23
Dissipation of malathion on cauliflower. Gupta, D S *Indian J Entomol* 34 (1): 52-56. Ref. (Pub. Jan 1973)

070453 420 IN23
Persistence of carbaryl on grapes. Gupta, D S *Indian J Entomol* 34 (1): 76-77. (Pub. Jan 1973)

070454 420 IN23
Relative susceptibility of some important pea varieties to Laphygma exigua Hubner. Saxena, D K *Indian J Entomol* 34 (1): 83-84. (Pub. Jan 1972)

070455 442.8 IN2
Physiology of yellow-vein mosaic virus disease in okra, Abelmoschus esculentus L. in relation to its preference by Aphis gossypii G. & Amrasca devastans (Dist.) (Homoptera). Regupathy, A *Indian J Exp Biol* 10 (6): 436-438. Ref. Nov 1972

070456 SB599.I48
Limiting factors in multiplication of cabbage aphid (Brevicoryne brassicae L.). (Rum) Constantinescu, V *Inst Cercet Pentru Prot Plant An* 8: 103-110. Ref. Eng. Sum. (Pub. 1972)

070457 SB599.I48
Importance of Phytoseiulus persimilis as a predator used in biological control of greenhouse mites. (Rum) Lacob, N *Inst Cercet Pentru Prot Plant An* 8: 125-137. Ref. Eng. Sum. (Pub. 1972)

070458 SB599.I48
Research on biology, ecology & control of codling moth (Carpocapsa pomonella L.) during period 1967 – 1969. [Apples]. (Rum) Suta, V *Inst Cercet Pentru Prot Plant An* 8: 139-151. Ref. Eng. Sum. (Pub. 1972)

070459 SB599.I48
Contribution to knowledge of biology & control of strawberry mite (Tarsonemus fragariae Zim). (Rum) Szekely, I *Inst Cercet Pentru Prot Plant An* 8: 169-178. Ref. Eng. Sum. (Pub. 1972)

070460 SB599.I48
Aldrin, dieldrin & heptachlor persistence in soil & accumulation of residues in potato tubers following soil applications. (Rum) Polizu, A *Inst Cercet Pentru Prot Plant An* 8: 271-281. Ref. Eng. Sum. (Pub. 1972)

070461 SB599.I48
Insecticide action of esophenchlorphos. [Leptinotarsa decemlineata, control]. (Rum) Baicu, T *Inst Cercet Pentru Prot Plant An* 8: 289-295. Eng. Sum. (Pub. 1972)

070462 22 IN8
Check this pest on Hara Madhu. [Muskmelons, beetles]. Kadyan, K S *Intensive Agr* 10 (11): 15-16. Jan 1973

070463 464.9 P432
Control against two xylophagic Sphenoptera of fruit trees in Iran: Sphenoptera kambyses Obenb., Sphenoptera davatchii Desc. (Fre) Radjabi, G *Iran Inst Rech Entomol Phytopathol Entomol Phytopathol Appl* 32: 14. Mar 1972

070464 464.9 P432
Experiments on waterless spraying with systemic insecticides in controlling bean pests. Hodjat, S H *Iran Inst Rech Entomol Phytopathol Entomol Phytopathol Appl* 32: 15-18. Mar 1972

070465 421 J822
Laboratory evaluations of some solanaceous plants a spossible hosts for tomato pinworm. [Keiferia lycopersicella]. Batiste, W C *J Econ Entomol* 66 (1): 109-111. Feb 15, 1972

070466 421 J826
A granulosis virus, possible biological agent for control of Adoxophyes orana (Lepidoptera: Tortricidae) in apple orchards. I. Mass production. Yamada, H *J Invertebrate Pathol* 21 (2): 144-148. Ref. Mar 1973

070467 421 J826
A granulosis virus, possible biological agent for control of Adoxophyes orana (Lepidoptera: Tortricidae) in apple orchards. II. Semipersistent effect of artificial dissemination into an apple orchard. Shiga, M *J Invertebrate Pathol* 21 (2): 149-157. Ref. Mar 1973

070468 385 K524
Effectiveness of increased concentrations of insecticides in controlling Aegeria myopaeformis. [Apples]. (Rus) Skiba, N S *Khim Sel'skom Khoz* 11 (1): 35-36. 1973

070469 SB599.K9
White sweelings caused on tomato & okra by thrips, Frankliniella intonsa (Trybom). (Jap) Toyota, K *Kyushu Assoc Plant Protect Proc* 18: 23-27. Oct 1972

070470 SB599.K9
Control of smaller green flower chafer, Oxyetonia jucunda Falderman, by aerial application of fine insecticidal granules. [Citrus]. (Jap) Yamamoto, S *Kyushu Assoc Plant Protect Proc* 18: 66-68. Oct 1972

070471 80 M97
Insecticides & spawn strains. [Mushrooms]. Wyatt, I J *Mga Bull (Mushroom Growers Assoc)* 3: 112-114. Mar 1973

070472 420 N48J
Platypus rugulosus (Platypodidae) & Xyleborus ferrugineus (Scolytidae) & certain diseases of coconut palms in Puerto Rico. [Ceratocystis paradoxa, phytophthora palmivora]. Maramorosch, K *N Y Entomol Soc J* 80 (4): 238-240. Dec 1972

070473 442.9 B832
Resistance to organic phosphorus insecticides of spider mites from Chrysanthemum cultures. (Ger) Kollner, V *Nachrichtenbl Deut Pflanzenschutzdienstes* 25 (1): 7-11. Map. Ref. Eng. Sum. Jan 1973

070474 421 N812
Effect of physical & chemical stimuli on oviposition in Hylemya floralis (Fallen) (Diptera, Anthomyiidae). [Rutabagas]. Somme, L *Norsk Entomol Tidsskr* 19 (1): 19-24. Ref. 1972

070475 421 N812
Effect of temperature on development of Thomasiniana theobaldi Barnes (Diptera, Cecidomyidae). [Raspberries]. Stenseth, C *Norsk Entomol Tidsskr* 19 (1): 33-37. 1972

070476 421 N812
Oviposition & larval development of Hylemya floralis (Fallen) (Diptera, Anthomyiidae) on varieties of swedes & turnips. [Rutabagas]. Rygg, T *Norsk Entomol Tidsskr* 19 (1): 81-90. Ref. 1972

070477 464.4 N83
Greenhouse whitefly, Trialeurodes vaporariorum. [Horticultural crops, pests]. (Nor) Stenseth, C *Norway Landbruksdep Opplysningstjenesten Smaskr* 15, 4 P. 1972

070478 464.8 OC32
A new pest of Chrysanthemum. [Diarthronomyia chrysanthemi]. (Pol) Burdajewicz, S *Ochrona Roslin* 16 (2): 13-15. Feb 1973

070479 464.8 OC32
Use of Trichogramma evanescens in control of pea moth on large scale plantings in Gdansk province. [Laspeyresia nigricana]. (Pol) Gorski, P *Ochrona Roslin* 16 (3): 17-19. Mar 1972

070480 464.8 OC32
Primicid – a new insecticide for control of onion maggot [Hylemya antiqua]. (Pol) Kleczar, J *Ochrona Roslin* 16 (3): 20. Mar 1972

070481 464.8 OC32
Remarks on program of pest control in commercial orchards. (Pol) Suski, Z W *Ochrona Roslin* 16 (3): 9-10. Mar 1972

070482 464.8 OC32
Control of Semasia conterminana H. S. on lettuce seed plants. (Pol) Korcz, A *Ochrona Roslin* 16 (6): 12-14. June 1972

070483 464.8 OC32
Control of greenhouse population of Myzus persicae Sulz partly resistant to insecticides. (Pol) Stacherska, B *Ochrona Roslin* 16 (6): 17-19. June 1972

070484 464.8 OC32
A new DDT-free insecticide for Colorado bettle control. [Leptinotarsa decemlineata]. (Pol) Bakuniak, E *Ochrona Roslin* 16 (6): 4-6. June 1972

070485 464.8 OC32
Economic importance of second generation of codling moth in Poland. [Carpocapsa pomonella]. (Pol) Wojnarowska, P *Ochrona Roslin* 16 (7): 10-11. July 1972

070486 464.8 OC32
Biological control in orchards. II. [Insect pests]. (Pol) Niemczyk, E *Ochrona Roslin* 16 (8/9): 10-11. Sept 1972

070487 464.8 OC32
Ecological observations on damage caused by hylemya fugax Meig. [Brussels sprout]. (Pol) Szwejda, J *Ochrona Roslin* 16 (8/9): 18-19. Sept 1972

070488 464.8 OC32
Aphids oberved on pears of Poznan area. (Pol) Karczewska, M *Ochrona Roslin* 16 (8/9): 22-25. Sept 1972

070489 464.8 OC32
Mite pests of apple orchards. [Tetranychidae]. (Pol) Skorupska, A *Ochrona Roslin* 16 (8/9): 26-28. Sept 1972

070490 464.8 OC32
Increased occurence of leaf rolling insects on currant. [Tortricidae]. (Pol) Leska, W *Ochrona Roslin* 16 (8/9): 28-29. Sept 1972

070491 100 OH3RS
Research dealing with insect pests of greenhouse vegetable crops in 1972. [Aleyrodidae, tomatoes]. Lindquist, R K *Ohio Agr Res Develop Center Res Sum* 66: 31-33. Apr 1973

070492 7 ON8P
Pest control chart for ornamentals in home garden. *Ont Dep Agr Food Publ* 312, Fold. 1972

070493 100 OR3OR
ULV spells pitfall for cherry pest. [Rhagoletis cingulata]. *Oreg Agr Progr* 19 (3): 5-6. Winter 1973

070494 57.8 OR32
Insect-resistant varieties: tools for organic gardeners. Cox, J *Org Gard Farming* 20 (5): 85-90. May 1973

070495 464.8 P692
Chemical control of red spider mite on pot chrysanthemums. [Tetranychus urticae]. Ludlam, F A B *Plant Pathol* 22 (1): 22-24. Mar 1973

070496 421 P76
Sphaerolecanium prunastri (Fonsc.) (Homoptera, Coccoidea, Lecaniidae) & beginning of its outbreak in Poland. [Leucanium corni]. (Pol) Kawecki, Z *Pol Pismo Entomol* 42 (4): 857-863. Ref. Eng. Sum. 1972

070497 421 P76
Use of Stuttgart funnel in experiments evaluating influence of insecticides upon predaceous insects of apple trees. (Pol) Niemczyk, E *Pol Pismo Entomol* 42 (4): 873-881. Ref. Eng. Sum. 1972

070498 SB599.R6
Sitona beetles (Sitonini) observed on pea in Reguly near Warsaw. (Pol) Obarski, J *Rocz Nauk Roln Pol Agric Annu Ser E Ochr Rosl* 2 (2): 83-88. Eng. Sum. 1972

070499 420 R81
Association of cabbage rootfly with its food & host plants. [Erioischia brassicae]. Coaker, T H *Roy Entomol Soc London Symp* 6: 119-128. Ref. 1972

070500 80 SCH9
Branch test studies 1972/73. [Fruit, pest control]. (Ger) Wildbolz, T *Schweiz Z Obst Weinbau* 109 (5): 112-116. Map. Mar 3, 1973

070501 S13.S44
Role of structural organization of protoplast in Phylloxera-resistance of grapes. (Rus) Kligerman, I I *Sel'skokhoz Biol* 8 (1): 57-61. Ref. Eng. Sum. Jan/Feb 1973

070502 9.2 SO4
Chemical control of 'citrus rust mite' Phyllocoptruta oleivora (Ashm. 1879) on orange trees. (Por) Mariconi, F A M *Solo* 64 (2): 33-38. Eng. Sum. Nov 1972

070503 442.9 H36
Fatty acids of fat body of Pieris brassicae L. during metamorphosis; effect of a low concentration of a chlorinated insecticide. Turunen, S *Suomalainen Tiedeakatemia Ann Ser A Iv Biol* 193, 7 P. Ref. Dec 1972

070504 S19.T3
Transmission of feathery mottle complex of sweet potato in Taiwan. [Virus diseases, Bemisia tabaci]. (Chi) Yang, I L *Taiwan Agr Quart* 8 (4): 124-134. Ref. Eng. Sum. Dec 1972

070505 S19.T3
Control of mango fruit insect pest. [Dacus dorsalis]. (Chi) Tang, C C *Taiwan Agr Quart* 8 (4): 135-139. Eng. Sum. Dec 1972

070506 S19.T3
Integrated control of cruciferous vegetable aphids in Taiwan. [Coccinella septempunctata, Aphidius gifuensis]. (Chi) Tao, C C C *Taiwan Agr Quart* 8 (4): 140-154. Eng. Sum. Dec 1972

070507 S19.T3
Ecology & gamma irradiation of cabbage worm Pieris rapae crucivora Boisduval. (Chi) *Taiwan Agr Quart* 8 (4): 155-163. Ref. Eng. Sum. Dec 1972

070508 S19.T3
Vegetable insect control by thuricide & other insecticides. (Chi) Chang, L C *Taiwan Agr Quart* 8 (4): 164-169.ref. Eng. Sum. Dec 1972

070509 S19.T3
Heteropeza pygmaea & Mycophila speyeri, insect pests of mushroom in Taiwan. (Chi) Lin, K J *Taiwan Agr Quart* 8 (4): 170-174. Dec 1972

070510 S19.T3
Spotted spider mites [Tetranychus truncatus] of carrot & its control. (Chi) Chin, T *Taiwan Agr Quart* 8 (4): 175-177. Eng. Sum. Dec 1972

070511 80 V662
Fruit fly world's worst pest of fruit. [Strumeta tryoni, Ceratitis capitata]. Jeremiah, L A *Victorian Hort Dig* 16 (2): 14-16. Summer 1972

070512 80 V662
Using miticides in orchard. McPhail, J A *Victorian Hort Dig* 16 (2): 5. Summer 1972

070513 95.8 V77
On true-rooted grape culture in a zone massive Phylloxera infestation. (Rus) Kiskin, P Kh *Vinodelie Vinogradarstvo Sssr* 1: 25-28. 1973

070514 275.29 W27MI
Control of insect & mite pests of tree fruits & nuts – home orchard cooperative extension service. *Wash State Univ Ext Em* 3304 (Rev), 19 P. Mar 1973

070515 275.29 W27MI
Control of insect & mite pests of ornamental trees, shrubs, & lawns for home owners cooperative extension service. *Wash State Univ Ext Em* 3310 (Rev), 30 P. Mar 1973

070516 275.29 W27MI
Identification of insect & mite pests of commercial vegetables cooperative extension service. *Wash State Univ Ext Em* 3315 (Rev), 25 P. Mar 1973

070517 275.29 W27MI
Control of insect & mite pests of commercal vebetables. *Wash State Univ Ext Em* 3316 (Rev.): 45 P. Mar 1973

070518 275.29 W27MI
Control of insect & mite pests for commercial greenhouse operators cooperative extension service. *Wash State Univ Ext Em* 3324, 2 P. Mar 1973

070519 421 Z36
Studies on population dynamics of Lepidosaphes pallida (Green). I. Distribution on mango trees. Salama, H S *Z Angew Entomol* 73 (1): 82-92. Apr 1973

070520 421 Z36
Effect of insecticides on Trybliographa rapae West. (Hymenoptera: Cynipidae), a parasite of cabbage root fly Hylemya brassicae (Bouche). Hassan, S A *Z Angew Entomol* 73 (1): 93-102. Ref. Apr 1973

070521 421 Z1
Combined method of controlling Phylloxera. [Grapes]. (Rus) Khmelevskaia, M A *Zashch Rast* 11: 51-52. Nov 1972

070522 410 Z751S
Behaviour of an aphid parasite & its hosts in relation to ecological factors. (Ger) Sengonca, C *Zool Jahrb Abt Syst Okol Geogr Tiere* 100 (1): 81-106. Ref. Eng. Sum. 1973

INSECT PESTS AND CONTROLS — FOREST TREES, PRODUCTS

070523 442.8 AL6
Some features on status of insect pests in young artificial stands of trees & shrubs in southern Kazakhstan. (Rus) Mitiaev, I D *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 2: 53-56. Mar/Apr 1973

070524 99.8 AL53
Control of pine pest Gilipinia pallida in Jaun Valley. (Ger) Scholz, K *Allg Forstzeitung* 83 (11): 288-290. Nov 1972

070525 99.8 F762
Gypsy who came & stayed. [Porthetria dispar, forests, pests]. Faust, J L *Amer Forests* 79 (1): 44-47, 54-55. Jan 1973

070526 421 AN9
Effect of biophysical environmental conditions on forest pests, especially on Lymantria monacha L. (Ger) Jahn, E *Anz Schadlingsk Pflanzenschutz* 46 (3): 37-43. Ref. Eng. Sum. Mar 1973

070527 421 AN9
Variable effects of Bacillus thuringiensis on Orgyia antiqua in dependence on different food plants. [Forests, pest control]. (Ger) Skatulla, U *Anz Schadlingsk Pflanzenschutz* 46 (3): 46-47. Eng. Sum. Mar 1973

070528 300.9 B77R
Pest status of British wood-boring insects. Baker, J M *Brit Wood Preserv Ass Rec Annu Conv* P. 3-21. Ref. 1972

070529 421 C16
Geographic variation in resistance to white pine weevil (Pissodes strobi) (Coleoptera: Curculionidae) by eastern white pine (Pinus strobus). Garrett, P W *Can Entomol* 105 (2): 347-350. Feb 1973

070530 421 C16
Hormonal induction of supernumerary instars in spruce budworm, Choristoneura fumiferana (Lepidoptera: Tortricidae). [Picea]. Retnakaran, A *Can Entomol* 105 (3): 459-461. Mar 1973

070531 421 C16
Aceriella (Lepidoptera: Olethreutidae), in New York. Cote, W A *Can Entomol* 105 (3): 463-470. Ref. Mar 1973

070532 470 C16C
Extractives associated with wound response of lodgepole pine attacked by mountain pine beetle & associated microorganisms. [Pinus contorta, Dendroctonus ponderosae]. Shrimpton, D M *Can J Bot* 51 (3): 527-534. Ref. Mar 1973

070533 SD13.C35
Increased mortality of Swaine jack-pine sawfly, & foliar nitrogen concentrations after urea fertilization. [Neodiprion swainei, Pinus banksiana]. Smirnoff, W A *Can J Forest Res Rev Can Rech For* 3 (1): 112-121. Mar 1973

070534 SD13.C35
Effects of different foliar-applied nitrogen fertilizers on balsam woolly aphid. [Adelges piceae, Abies grandis]. Carrow, J R *Can J Forest Res Rev Can Rech For* 3 (1): 122-139. Ref. Mar 1973

070535 SD13.C35
Western spruce budworm damage affects form & height growth of western larch. [Choristoneura occidentalis, Larix occidentalis]. Schmidt, W C *Can J Forest Res Rev Can Rech For* 3 (1): 17-26. Ref. Mar 1973

070536 99.8 ER22
A new method to control damages of Neodiprion sertifer. [Forests, pests]. (Hun) Nagy, E *Erdo* 12 (3): 138-139. Mar 1973

070537 99.8 F7724
Protect Thanasimus formicatus! [forest pests, natural control]. (Ger) Reisch, J *Forst-holzwirt* 27 (23): 478-479. Dec 10, 1972

070538 99.8 F7724
Forest pests in Lower Saxony, 1972. (Ger) Schindler, U *Forst-holzwirt* 28 (6): 110-112, 114-116, 118. Mar 25, 1973

070539 105.1 G344
Possible translocation of insecticides in Picea abies Karst. when applied by wetting. (Fre) Nef, L *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 869-873. Ref. 1972

070540 99.9 AS12S
Anti-insects borate treatment of green oak furniture lumber. [Sinoxylon japonicum, Quercus]. (Jap) Nunomura, A *Hokkaido Forest Prod Res Inst J* 1: 2-7. Eng. Sum. Jan 1973

070541 99.8 N62
Emergence & behavior of pine moth, Dendrolimus spectabilis Butler (Lepidoptera: Lasiocampidae). (Jap) Kobayashi, K *Jap Forest Soc J* 55 (1): 21-28. Eng. Sum. Jan 1973

070542 99.8 N62
Clonal variation of resistance to gall midges, Contrinia inouyei Mani, in sugi plus trees, Cryptomeria japonica D. Don. (Jap) Yamate, H *Jap Forest Soc J* 55 (1): 9-14. Eng. Sum. Jan 1973

070543 99.8 L5622
Environmental conditions & resistance of Pinus to insect pests. (Rus) Grimal'skii, V I *Les Khoz* 2: 54-55. Feb 1973

070544 99.8 L5622
DDT replacements in control of leafgnawing pests. [Tortricidae, trichlorfon]. (Rus) Avramenko, I D *Les Khoz* 2: 56-57. Feb 1973

070545 SD1.L4
On thermal regime of oak branches in places of oviposition of Tortrix viridana L. (Rus) Rubtsova, N N *Lesovedenie* 1: 78-82. Eng. Sum. Jan/Feb 1973

070546 S11.O78
Fighting Dendroctonus in Picea. (Swe) Tejle, T *Medlemsbl Ostergotlands Lans Hushallningssallsk* 5 (3): 25-26. 1972

070547 442.8 N22
On mass reproduction of Scolytus kirschi Scal. on Ulmus pinnatoramosa. (Rus) Andrianova, N S *Nauch Dokl Vyssh Shk, Biol Nauk* 6: 13-18. 1972

070548 464.8 OC32
Problem of Melolonthinae on woodlands of Poland. [Trees, insect pests]. (Pol) Sierpinski, Z *Ochrona Roslin* 16 (8/9): 15-17. Sept 1972

070549 325.28 P56
Beetle-killed pine estimates. [Dendroctonus ponderosae, Pinus contorta, aerial photos]. Klein, W H *Photogramm Eng* 39 (4): 385-388. Apr 1973

070550 421 P76
Studies on Nepticulidae (Lepidoptera). V. European species of genus Nepticula Heyden from oak. [Quercus]. (Ger) Borkowski, A *Pol Pismo Entomol* 42 (4): 767-799. Ref. 1972

070551 421 P76
Observations on parasites of pine sawflies Diprion pini L. & Gilpinia pallida Kl. (Hymenoptera, Tenthredinae). [Natural control]. (Pol) Koscielska, M K *Pol Pismo Entomol* 43 (1): 181-188. Ref. Eng. Sum. Mar 30, 1973

070552 420 R81
Selection & colonization of ponderosa pine by bark beetles. [Pinus ponderosa]. Wood, D L *Roy Entomol Soc London Symp* 6: 101-117. Ref. 1972

070553 100 P381S
Sex lure under study to control gypsy moth. [Porthetria dispar]. Cameron, E A *Sci Agr* 20 (3): 2-3. Spring 1973

070554 100 P381S
Forest defoliations create public issues. [Porthetria dispar]. Ward, W W *Sci Agr* 20 (3): 2-3. Spring 1973

070555 99.8 SY52
Occurrence & control of Lymantria monacha L. in forests of Poland. (Pol) Sliwa, E *Sylwan* 116 (12): 49-61. Map. Ref. Eng. Sum. Dec 1972

070556 99.8 SY52
Secondary pests of Douglas-fir & white pine recorded in Silesia during years 1966 – 1969. [Pseudotsuga menziesii, Pinus strobus]. (Pol) Schnaider, Z *Sylwan* 117 (1): 25-31. Ref. Eng. Sum. Jan 1973

070557 99.8 SY52
Bacteria Serratia macrescens Bizio responsible for epizooty in Diprion pini L. Larvae. [Pinus, pests, natural control]. (Pol) Glowacka-Pilot, B *Sylwan* 117 (1): 47-52. Ref. Eng. Sum. Jan 1973

070558 505 T64
Study of localization of oviposition of Pissodes notatu s (Coleoptera, Curculionidae) on maritime pine in presence of Cronartium flaccidum (Basidiomycetes, Phragmobasidiomycetes, Uredinales, Cronartia (Fre) Alauzet, C *Toulouse Soc Hist Natur Bull* 108 (3/4): 341-348. Ref. 1972 (Pub. Feb 28, 1973)

070559 1.962 C5T71
Systemic insecticides effective against poplar tentmaker in cottonwood plantations. [Ichthyura inclusa, Populus]. Coster, J E *Tree Planters' Notes* 24 (1): 33-34. Feb 1973

070560 A423.9 F764
Large aspen tortrix. [Choristoneura conflictana, Populus tremuloides]. Beckwith, R C *U S Forest Serv Forest Pest Leafl* 139, 5 P. Map. Feb 1973

070561 A99.9 F7632US
A ponderosa pine needle miner in Colorado front range. [Coleotechnites]. Stevens, R E *U S Forest Serv Res Note RM* 228, 3 P. 1973

070562 A99.9 F7632US
Notes on weevils from trees & shrubs in North Dakota. [Rhynchophora]. McKnight, M E *U S Forest Serv Res Note RM* 230, 4 P. 1973

070563 A99.9 F7625UNI
Sampling populations of western spruce budworm & predicting defoliation on Douglas-fir in eastern Oregon, [Choristoneura occidentalis, Pseudotsuga menzi Carolin, V M *U S Forest Serv Res Pap Pnw* 149, 38 P. Ref. 1972

070564 421 Z36
Population dynamics & parasites of Coleophora laricella Hbn., in natural distribution area of European larch, Larix decidua Mill. (Ger) Jagsch, A *Z Angew Entomol* 73 (1): 1-42. Ref. Eng. Sum. Apr 1973

070565 421 Z36
Investigations on silver fir gall midge, Agevillea abietis Hub. (Cecidomyidae, Diptera). I. Biology & ecology. (Ger) Postner, M *Z Angew Entomol* 73 (1): 42-69. Ref. Eng. Sum. Apr 1973

070566 464.8 Z1
Two releases of sterile gypsy moth males (Lymantria dispar L.) in park of Jelsa on island of Hvar. [Bilogical control]. (Cro) Maksimovic, M *Zastita Bilja* 23 (117/118): 37-48. Eng. Sum. 1972

INSECT PESTS AND CONTROLS — PRODUCTS

070567 434.8 AC1
Studies on mite fauna of house dust in Scotland with special reference to that of bedding. Sesay, H R *Acarologia* 14 (3): 384-392. Ref. Dec 1972

070568 290.9 AM32T
Automated X-ray inspection of grain for insect infestation. Stermer, R A *Amer Soc Agr Eng Trans ASae* 15 (6): 1081-1085. Ref. Nov/Dec 1972

070569 436.8 AN4
'Queen technique' in control of social insects, especially Monomorium pharaonis. (Ger) Berndt, K P *Angew Parasitol* 13 (4): 226-244. (Continued) ref. Eng. Sum. Nov 1972

070570 464.8 AR2
On occurrence of Ephestia elutella Hubner & Plodia interpunctella Hubner in raw cocoa stores & chocolate factories. (Ger) Braasch, H *Arch Pflanzenschutz* 8 (5): 387-395. Ref. Eng. Sum. 1972

070571 421 C16
Sensitivity of Oryzaephilus surinamensis (Coleoptera: Cucujidae) to cesium-137. I. Irradiation of eggs: effects on hatching, survival, & fecundity. [Stored grain, pests]. Chawla, S S *Can Entomol* 105 (2): 283-288. Feb 1973

070572 421 C16
An improved trap to detect beetles (Coleoptera) in stored grain. Loschiavo, S R *Can Entomol* 105 (3): 437-440. Mar 1973

070573 421 C16
Effect of fungi & moisture on locomotory behavior of rusty grain beetle, Cryptolestes ferrugineus (Coleoptera: Cucujidae). Loschiavo, S R *Can Entomol* 105 (3): 485-490. Ref. Mar 1973

070574 421 C16
Lethal & sublethal effects produced by three lasers on two Trogoderma species (Coleoptera: Dermestidae). II. Histological changes. Kobylnyk, R W *Can Entomol* 105 (3): 513-525. Ref. Mar 1973

070575 464.9 C47
An identification of three species of Lepidopterous larvae attacking stored grain & grain products in Taiwan. [Plodia interpunctella, Ephestia cautella, Corcyra cephalonica]. (Chi) Lin, C K *Chung-hua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (1): 36-40. Ref. Eng. Sum. Mar 1972

070576 464.9 C47
Effects of 5 different kinds of food on development of rice moth Corcyra cephalonica Staint. [Apanteles plutellae]. (Chi) Chio, H *Chung-hua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (3): 129-130. Eng. Sum. Sept 1972

070577 421 EN895
Inheritance of malathion resistance in German cockroach. [Blattela germanica]. Cochran, D G *Entomol Exp Appl* 16 (1): 83-90. Ref. 1973

070578 105.1 G344
Insecticidal paroperties of d-trans chrysanthemic acid ester of d-alletrolone. [Musca domestica, Blattella germanica]. (Fre) Rauch, F *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 755-759. Eng. Sum. 1972

070579 100 AL1H
Ration fed to cows affects horn flies.[Haematobia irritans]. Bourne, J R *Highlights Agr Res (ala Sta)* 20 (1): Spring 1973

070580 420 IN23
Almond moth, Cadra cautella (Walker) (Phycitidae: Lepidoptera) as a pest of stored soybean in India. Srivastava, O S *Indian J Entomol* 34 (1): 71-72. (Pub. Jan 1973)

070581 77.8 IN3
Behavior of four species of insects in rapeseed stocks. [Sitophilus, Oryzaephilus, Tribolium castaneum8. (Fre) Pierre, J G *Inform Tech Cetiom (Cent Tech Interprof Oleagineux Metrop)* 30: 38-45. Jan/Feb 1973

070582 421 J822
Population development of Acarus siro reared at three temperatures following gamma irradiation. [grain]. Banditsing, C *J Econ Entomol* 66 (1): 82-85. Ref. Feb 15, 1973

070583 298.8 M292
Newer methods of protection against grain pests. (Hun) Klein, J *Malomipar Termenyforgalom* 19 (3): 83-86. May/-June 1972

070584 464.8 OC32
Storage mites brought into our country together with imported goods. (Pol) Chmielewski, W *Ochrona Roslin* 10: 14-16. 1972

070585 464.8 OC32
Injurious mites in grass seed storage. [Acarina]. (Pol) Chmielewski, W *Ochrona Roslin* 16 (2): 15-17. Feb 1972

070586 464.8 OC32
Resistance of eggs & imago of sawtoothed grain beetle to low temperatures. [Oryzaephilus surinamensis]. (Pol) Nawrot, J *Ochrona Roslin* 16 (2): 18-19. Feb 1972

070587 464.8 OC32
Indian meal moth, pest of stored walnuts. [Plodia interpunctella]. (Pol) Zarkiewecz, T *Ochrona Roslin* 16 (4): 13-15. Apr 1972

070588 420 SW6
Latest observations on biology & harmfullness of pharaonhant. [Monomorium pharaonis]. (Ger) Eichler, W *Schweiz Entomol Ges Mitt* 45 (4): 261-266. Feb 28, 1973

070589 1 AG84L
Silverfish & firebrats, how to control them. [Lepisma saccharina, Thermobia domestica]. *U S D A Leafl* 412 (Rev), 6 P. Mar 1973

070590 1 AG84TE
Development of an insect-resistant cotton bag. [Stored products, pest control]. Laudani, H *U S D A Tech Bull* 1463, 47 P. Jan 1973

070591 275.29 W27MI
Control of insects attacking stored grain & peas & seed treatment for small grains cooperative extension service. *Wash State Univ Ext Em* 3314 (Rev), 3 P. Mar 1973

INSECT PESTS AND CONTROLS — ANIMAL AND MAN

070592 S544.3.W6W53
Fly control on livestock: dairy, beef, swine, poultry, horses, pets, 1973. Gojmerac, W L *A Coop Ext Programs Univ Wis* A2118, 2 P. Jan 1973

070593 S544.3.W6W53
Fly control on livestock: dairy, beef, swine, poultry, horses, pets. [Diptera]. Gojmerac, W L *A Coop Ext Programs Univ Wis* 2118, 2 P. Jan 1973

070594 436.8 AN4
Control of Monomorium pharaonis in hospitals. 5. (Ger) Eichler, W *Angew Parasitol* 14 (1): 23-43. Ref. Eng. Sum. Feb 1973

070595 448.3 AP5
Singh's Aedes albopictus cell cultures as helper cells for adaptation of obodhiang & kotonkan viruses of rabies serogroup to some vertebrate cell cultures. Buckley, S M *Appl Microbiol* 25 (4): 695-696. Apr 1973

070596 100 AR42F
Controlling external parasites on laying hens with dursban. Simco, J S *Ark Farm Res* 22 (2): 9. Mar/Apr 1973

070597 41.8 AU72
Bioassay of chlorphenamidine using larvae of cattle tick Boophilus microplus. Knowles, C O *Aust Vet J* 49 (4): 205-206. Apr 1973

070598 421 B65
Effects of chemosterilants on development & fertility of housefly, Musca domestica nebulo Fabr. Ansari, M A *Botyu-kagaku* 38 (1): 1-5. Ref. Feb 1973

070599 421 B65
Analysis of commercial mosquito coil smoke by gas chromatography. (Jap) Takiura, K *Botyu-kagaku* 38 (1): 26-29. Ref. Eng. Sum. Feb 1973

070600 421 B65
Resistant level of housefly to several synthetic insecticides in Kochi Prefecture, Japan. II. (Jap) Hayashi, A *Botyu-kagaku* 38 (1): 33-34. Eng. Sum. Feb 1973

070601 421 B65
Sensibility of Musca domestica to some synthetic insecticides in Kanagawa Prefecture. (Jap) Hayashi, A *Botyu-kagaku* 38 (1): 35-40. Ref. Feb 1973

070602 421 C16
Preliminary studies on effects of juvenile hormone analogues on adult emergence of black flies (Diptera: Simuliidae). Cumming, J E *Can Entomol* 105 (3): 509-511. Mar 1973

070603 QH345.C5
Cytochrome P-450 difference spectra of microsomes from several insecticide-resistant & Susceptible strains of housefly, Musca domestica L. Tate, L G *Chem-biol Interactions* 6 (4): 237-247. Ref. Apr 1973

070604 502 D232
Release of native pupal parasitoids of houseflies on Danish farms. [Muscidifurax raptor, Spalangia cameroni, Musca domestica]. Mourier, H *Dansk Naturhist For Videnskabelige Meddelelser* 135: 129-137. Ref. 1972

070605 512 SO2
Studies on reaction of housefly (Musca domestica L.) to presence of radiation of gamma-rays. Vasilev, I B *Dokl Bolg Akad Nauk* 25 (9): 1269-1271. 1972

070606 421 EN895
Action of a chemosterilant, thiourea, on adults of Musca domestica. (Fre) Le Bras, S *Entomol Exp Appl* 16 (1): 9-19. Ref. Eng. Sum. 1973

070607 105.1 G344
Pesticides for medical entomology. Barlow, F *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 381-391. 1972

070608 105.1 G344
Insecticidal paroperties of d-trans chrysanthemic acid ester of d-alletrolone. [Musca domestica, Blattella germanica]. (Fre) Rauch, F *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 755-759. Eng. Sum. 1972

070609 436.9 H36
Infectivity of Plasmodium falciparum gametocytes from Aotus trivirgatus to Anopheline mosquitoes. Ward, R A *Helminthol Soc Wash Proc* 39 (Spec. Issue): 33-46. Ref. Nov 1972

070610 436.9 H36
Nosematosis: its effect of Anopheles albimanus Wiedemann, & a population model of its relation to malaria transmission. Anthony, D W *Helminthol Soc Wash Proc* 39 (Spec. Issue): 428-433. Ref. Nov 1972

070611 436.8 J82
Studies on Onchocerca gutturosa (Neumann, 1910) & its development in Simulium ornatum (Meigen, 1818). 3. Factors affecting development of parasite in its vector. [Cattle, nematodes]. Eichler, D A *J Helminthol* 47 (1): 73-88. 1973

070612 436.8 J82
Studies on Onchocerca gutturosa (Neumann, 1910) & its development in Simulium ornatum (Meigen, 1818). 4. Systematics of Onchocerca gutturosa. [Cattle, nematodes]. Eichler, D A *J Helminthol* 47 (1): 89-96. Ref. 1973

070613 448.8 J826
Mosquito control by DDT aerosols in central Bohemia. Rettich, F *J Hyg Epidemiol Microbiol Immunol* 17 (1): 49-54. Ref. 1973

070614 421 J828
Laboratory evaluation of tick repellents. [Ornithodorus tholozani]. Bar-Zeev, M *J Med Entomol* 10(1): 71-74. Ref. Jan 31, 1973

070615 421 J828
Age-composition of man-biting Aedes (Stegomyia) simpsoni (Theobald) (Diptera: Culicidae) in Bwamba County, Uganda. McCrae, A W R *J Med Entomol* 9 (6): 545-550. Dec 20, 1972

070616 448.8 J824
Culex territans as a potential vector of Trypanosoma rotatorium. 1. Development of flagellate in mosquito. Desser, S S *J Parasitol* 59 (2): 353-358. Ref. Apr 1973

070617 448.8 J824
Nasal mites of birds from Louisiana. Vi. New & additional records of dermanyssids (Rhinonyssinae) with description of a new species. Pence, D B *J Parasitol* 59 (2): 359-362. Apr 1973

070618 448.8 J824
Psorergates glaucomys sp. n. (Acari: Psorergatidae), a cystogenous mite from southern flying squirrel (Glaucomys v. Volans), with histopathologic notes on a mite-induced dermal cyst. Ah, H S *J Parasitol* 59 (2): 369-374. Ref. Apr 1973

070619 448.8 J824
Cytogenetics of ticks (Acari: Ixodoidea). Ii. Chromosomes of Argas radiatus Railliet & Argas sanchezi Duges (Argasidae) with notes on spermatogenesis & hybridization. Homsher, P J *J Parasitol* 59 (2): 375-378. Ref. Apr 1973

070620 448.8 J824
Redescription of type material of Haemaphysalis (Aboimisalis) cinnabarina (revalidated) & its junior synonym Haemaphysalis (Aboimisalis) sanguinolenta described by Koch in 1844 from Brazil (Ixodoidea: Ixodidae). Hoogstraal, H *J Parasitol* 59 (2): 379-383. Apr 1973

070621 385 K524
Study of toxicity mechanism of o-methyl-0-methyl-0-2,2-dichlorovinyl-N-dimethylamidophosphate on house fly. [Musca domestica]. (Rus) Iraidova, I S *Khim Sel'skom Khoz* 11 (2): 38-40. Ref. 1973

070622 410.9 P94
Immune & pathologic consequences of psontaneous Cuterebra myiasis in domestic rabbits (Oryctolagus cuniculus). Weisbroth, S H *Lab Anim Sci* 23 (2): 241-247. Ref. Apr 1973

070623 410.9 P94
Pneumothorax associated with lung mite lesions in a rhesus monkey. [Pneumonyssus simicola]. Rawlings, C A *Lab Anim Sci* 23 (2): 259-261. Apr 1973

070624 44.9 M382
Worm & louse control. [Dairy cattle]. Charleston, W A G *Massey Univ Dairyfarming Annu* P. 79-84. Oct 1972

070625 448.8 M469
Breeding places of bollk-sucking mosquitoes & time for carrying out delarvation treatment in vicinity of town of Mirny, Yakut ASSR. (Rus) Petruchuk, O E *Med Parazitol Parazitarn Bolezni* 4: 451-458. Ref. Eng. Sum. July/Aug 1972

070626 448.8 M469
Comparative effectiveness of dichlorvos, baitex, carbophos & DDT for adult mosquitoes in zone of transpolar tundra. (Rus) Strel'nikova, G N *Med Parazitol Parazitarn Bolezni* 4: 458-460. Eng. Sum. July/Aug 1972

070627 448.8 M469
Detection of resistance ot DDT in Anopheles maculipennis sacharovi Favre in Axerbaijan SSR. (Rus) Drobozina, V P *Med Parazitol Parazitarn Bolezni* 4: 460-464. Eng. Sum. July/Aug 1972

070628 448.8 M469
Degree of sensitivity in different developmental phases of resistant strain of house flies, Musca domestica L. to some insecticides. (Rus) Ivanova, G B *Med Parazitol Parazitarn Bolezni* 4: 464-467. Ref. Eng. Sum. July/Aug 1972

070629 448.8 M469
Study of antibacterial activity of intestinal hemolymph of Ixodoidea. I. [Alveonasus lahorensis]. (Rus) Podboronov, V M *Med Parazitol Parazitarn Bolezni* 4: 468-471. Ref. July/Aug 1972

070630 448.8 M469
The effect of chemosterilant hexamethylphosphamide on male and female Musca domesttica L. (Rus) Zakharova, N F *Med Parazitol Parazitarn Bolezni* 41 (3): 311-314. Eng. Sum. May/June 1972

070631 448.3 K54
Bacterial flora of mosquito larvae & its entomopathogenic properties. [Culex pipiens molestus, Aedes aegypti]. (Ukr) Mikhnovs'ka, N D *Mikrobiol Zhur* 34 (1): 121. Jan/Feb 1972

070632 448.3 K54
Experiment of complex investigation of materials collected in field to study arboviral infection distribu tion in south of Ukraine. [Ixodes ricinus]. (Ukr) Sydenko, V P *Mikrobiol Zhur* 34 (1): 75-76. Jan/Feb 1972

070633 448.3 K54
On possible role of plants in mechanism of arboviral infection transmission. (Ukr) Topchii, M K *Mikrobiol Zhur* 34 (1): 76. Jan/Feb 1972

070634 448.3 K54
Possibility to cultivate arboviruses in tissue cultures of plant origin. (Ukr) Vasyl'ieva, V L *Mikrobiol Zhur* 34 (1): 77-78. Jan/Feb 1972

070635 421 N812
Mites (Acari, Gamasina) from small mammals in Norway. Edler, A *Norsk Entomol Tidsskr* 19 (2): 133-147, Map. Ref. 1972

070636 SB951.P47
Resynthesis of multiple resistance to organophosphorus insecticides from strains with factors of resistance isolated from SKA strain of house flies. [Musca domestica]. Sawicki, R M *Pestic Sci* 4 (2): 171-180. Ref. Apr 1973

070637 SF481.P64
Flies in poultry houses. Shanahan, G J *Poult Guide* 10 (2): 31-32. Feb 1973

070638 24 R323
Animal trypanosomiasis. [Glossina]. (Por) Guedes Rafael, A A *Rev Agr (mocambique)* 15 (151): 21-33, 25-28. Oct 1972

070639 Q1.S33
Venomous insects. Anwarullah, M *Sci Chronicle* 10 (3): 173-175. Sept 1972

070640 RC960.S6
Host-relationships & seasonal abundance of immature ticks (Haemaphysalis spp. & Dermacentor spp.) in primary & mixed-secondary rainforests in West Malaysia. Lim, B L *Southeast Asian J Trop Med Public Health* 3 (4): 605-612. Dec 1972

070641 41.9 SV23
Ectoparasites in dogs & cats. (Swe) Persson, L *Svensk Veterinartidn* 25 (7): 254-260. Ref. Eng. Sum. Apr 1973

070642 100 T31P
Effects of mosquitoes on beef cattle production on saltgrass pastures along Texas Gulf Coast. [Aedes] agricultural experiment station. *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3111/3131: 43-49. Nov 1972

070643 1 AG84L
Horse bots: how to control them. [Gasterophilus intestinalis, Gasterophilus nasalis, Gasterophilus haemorrhoidalis]. *U S D A Leafl* 450, Rev., 7 P. Apr 1973

070644 41.8 V641
Toxicity of systemic insecticides. Toxicological considerations in using organophosphorus insecticides. [Cattle, Hypoderma bovis, Hypoderma lineatum]. Khan, M A *Vet Rec* 92 (16): 411-419. Ref. Apr 21, 1973

070645 41.8 V6463
Feasibility of using insecticides (produced in Poland) in veterinary medicine. [Livestock pest control]. (Bul) Krochinski, IU *Vet Sbirka* 49 (10): 30-32. 1972

070646 41.8 V6463
Comparative insecticide tests to control Melophagus ovinus. (Bul) Gecheva, G *Vet Sbirka* 69 (9): 30-32 1972

070647 41.8 V6426
Chemical aerosols for controlling Dermanyssus gallinae. (Rus) Kholodov, I IA *Veterinariia* 12: 27-28. Dec 1972

070648 41.8 V6426
Ticks, carriers of pathogen of enzootic abortion in sheep. [Alveonasus lachorensis]. (Rus) Terskikh, I I *Veterinariia* 2: 57-58. Feb 1973

070649 41.8 V6426
Effective drug for control of sheep mange. (Rus) Vodianov, A A *Veterinariia* 2: 73-75. Feb 1973

070650 41.8 V6426
Acaricidal & toxic properties of Dursban, sevin & trichlorfon. [Ixodidae, Hyalomma, cattle]. (Rus) Petrovskii, V V *Veterinariia* 4: 64-66. Apr 1973

070651 41.8 V6426
Measures for controlling Oestrus infestation in sheep. (Rus) Pokidov, I I *Veterinariia* 4: 68-71. Apr 1973

070652 SF781.V66
On problem of state of natural foci of livestock diseases in Kirghizia. [Brucellosis, ticks]. (Rus) Volkova, A A *Vopr Prir Ochagovosti Bolezn* 5: 15-22. 1972

070653 SF781.V66
Importance of Ixodidae ticks in supporting natural focus of tularemia on floodplain of central Irtysh region. [Dermacentor marginatus, Dermacentor pictus, Ixodes plumbeus]. (Rus) Pakizh, V I *Vopr Prir Ochagovosti Bolezn* 5: 221-228. 1972

070654 449.9 W26
Genetic analysis of DDT resistance in housefly, Musca domestica L. (Pol) Goszczynska, K *Warsaw Panstw Zakl Hig Rocz* 23 (3): 301-309. Ref. Eng. Sum. 1972

070655 449.9 W892B
Experience with mass drug administration as a supplementary attack measure in areas of vivax malaria. [Anopheles sacharovi, DDT, Syria]. Onori, E *World Health Organ Bull* 47 (5): 543-548. 1972

070656 449.9 W892B
Inheritance of DDT resistance in species A & B of Anopheles gambiae complex. [Malaria control]. Haridi, A M *World Health Organ Bull* 47 (5): 619-626. 1972

070657 449.9 W892B
Persistence of thiotepa & tepa in pupae & adults of Culex pipiens fatigans Wiedemann. Labrecque, G C *World Health Organ Bull* 47 (5): 675-676. 1972

070658 449.9 W892B
Host preferences of various strains of Aedes aegypti & Aedes simpsoni as determined by an olfactometer. Gouck, H K *World Health Organ Bull* 47 (5): 680-683. 1972

070659 449.9 W892B
Hosts & trypanosome infection rates of Glossina pallidipes in Lambwe & Roo valleys. [Kenya]. England, E C *World Health Organ Bull* 47 (6): 785-788. 1972

070660 449.9 W892B
Observations on relative attractiveness to Glossina pallidipes of different animal baits, a tsetse trap, & a fly-round patrol. [Kenya]. England, E C *World Health Organ Bull* 47 (6): 789-793. Ref. 1972

070661 449.9 W892B
Influence of game animals on distribution & feeding habits of glossina pallidipes in Lambwe Valley. Allsopp, R *World Health Organ Bull* 47 (6): 795-809. Map. Ref. 1972

070662 449.9 W892B
A technique for bioassay of insecticide deposits on leaf & bark samples in relation to tetse control operations. [Glossina pallidipes]. Rodrigues, C *World Health Organ Bull* 47 (6): 811-813. 1972

070663 421 Z36
Preliminary screening of miscellaneous compounds for their antifertility effects on Aedes aegypti (L.). Naqvi, S N H *Z Angew Entomol* 73 (1): 107-111. Ref. Apr 1973

070664 449.8 Z36
Determination of toxic dose & level of some antibiotics in body lous (Pediculus humanus corporis L.). Becla, E *Z Angew Zool* 59 (4): 377-382. 1972

070665 449.8 Z36
Study on development of Dirofilaria immitis in mosquitoes. (Ger) Zielke, E *Z Angew Zool* 59 (4): 419-432. Ref. 1972

070666 410 R92
Formation of the sand fly populations in oasis and desert. (Ukr) Rasnitsyna, N M *Zool Zh* 51 (10): 1483-1790. Ref. Eng. Sum. Oct 1972

PESTICIDES — GENERAL

070667 19 AC8
Results of tests performed by measuring effect of Fundal on beneficial fauna of cotton fields in Cauca Valley. [Colombia]. (Spa) Reyes Q, J A *Acta Agron (Budapest)* 22 (2): 1-10. 1972

070668 S19.A32
Studies on efficacy of some new insecticides on major rice pests & their effect on yield. Mookerjee, A L *Agric Agro-ind J* 6 (2): 34-36. Feb 1973

070669 SF601.A47
Pesticides & domestic animals. I. Chlorinated hydrocarbon insecticides, residues, translocation in plants, uptake & elimination. Van Gleder, G A *Am Coll Vet Toxicol News* 15 (1): 1-5. Ref. Feb 1973

070670 SF601.A47
Agricultural chemical: Rodenticides, herbicides, fkngicides & insecticides of toxicologic significance in veterinary medicine. Furr, A *Am Coll Vet Toxicol News* 15 (1): 6-9. Feb 1973

070671 389.9 AR1
Residue tests in mill laboratories. [Grain products, pesticides]. (Ger) Plasch, G *Arb Getreideforsch Ber Getreidechemtag* 7 (146): 87-94. June 20/22, 1972

070672 RM1.A73
Study of induction effects of various substances & their classes. III. Chlorinated insecticides. (Ger) Klinger, W *Arch Int Pharmacodyn Ther* 202 (2): 270-280. Ref. Eng. Sum. Apr 1973

070673 RA1190.A7
Persistance of polychlorinated biphenyls (PCB) in rats. (Ger) Benthe, H F *Arch Toxikol* 30 (3): 207-214. Eng. Sum. Mar 28, 1973

070674 421 B65
Toxicity & residue of some grain fumigants. (Jap) Nakakita, H *Botyu-kagaku* 38 (1): 43-68. Ref. Feb 1973

070675 421 B65
Studies on sybergist for insecticides. XXIX. (Jap) Matsubara, H *Botyu-kagaku* 38 (1): 6-12. Eng. Sum. Feb 1973

070676 79.9 B77
Regulatroy schemes of current members of E.E.C. [Great Britain, Pesticides, legislation]. Hahn, S *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 1028-1040. 1972

070677 79.9 B77
Regulatory schemes of applicant countries to EEC [Great Britain, pesticides]. Makepeace, R J *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 1041-1050. 1972

070678 79.9 B77
Consequences of Britain's entry into EEC [European Economic Community]. Contribution of Council of Europe. Bates, J A R *Brit Weed Contr Conf Proc* 11Th conf., V. 3: 1051-10569 1972

070679 79.9 B77
A continuous flow method for studying adsorption & desorption of pesticides in soils & in soil colloid systems. Grice, R E *Brit Weed Contr Conf Proc* 11Th conf., V.2: 784-791. 1972

070680 414.9 R86B
Effect of CuSo4 [Cupric Sulfate Anhydrous] algicide doses upon routine metabolism of common carp (Cyprinus carpio L.) & Prissian carp (Carassius auratus gibelio (Bloch). (Rum) Leonte, E *Bucharest Inst Cercet Proiectari Piscicole Bul* 31 (1/2): 137-144. Ref. Eng. Sum. Jan/June 1972

070681 RA1270.P35A1
DDE: interference with extra-renal salt excretion in mallard. Friend, M *Bull Environ Contam Toxicol* 9 (1): 49-53. Ref. Jan 1973

070682 442.9 C16J
Temperature effects on mercury accumulation, toxicity, & metabolic rate in rainbow trout (Salmo gairdneri). MacLeod, J C *Can Fish Res Bd J* 30 (4): 485-492. Ref. Apr 1973

070683 41.8 C162
Levels of DDT & PCB compounds in North Atlantic fin-back whales. Saschenbrecker, P W *Can J Comp Med* 37 (2): 203-206. Ref. Apr 1973

070684 QH345.C5
Pesticide-induced changes in hepatic microsomal enzyme systems. Some effects of l'l-di(p-chlorophenyl)-2,2-dichloroethylene (DDE) & 1,1-di(p-chlorophenyl)-2-chloroethylene (DDMU) in rat & Japanese quail. Bunyan, P J *Chembiol Interactions* 6 (4): 249-257. Ref. Apr 1973

070685 100 C76ST (1)
Pesticides inspection report, 1972. Hanna, J G *Conn Agr Exp Sta Bull* 734, 14 P. Apr 1973

070686 464.8 D36
Revision of law on homologation of pesticide products for agricultural use. (Fre) Bailly, R *Def Veg* 27 (159): 42-46. Jan/-Feb 1973

070687 389.8 D482
Analysis procedure to determine pesticide residues in plants. (Ger) Thier, H P *Deut Lebensmittel-rundsch* 68 (12): 397-401. (Concluded ref. Eng. Sum. Dec 1972

070688 389.8 D482
Pesticide residues in food of animal origin in Denmark. (Ger) Werner, H *Deut Lebensmittel-rundsch* 69 (1): 35-39. Jan 1973

070689 389.8 D482
Problems of residue analysis of biocides from point of environment protection. (Ger) Ebing, W *Deut Lebensmittel-rundsch* 69 (1): 39-45. Ref. Eng. Sum. Jan 1973

070690 TD172.E48
Pesticides controversy. Clement, R C *Environ Aff* 2 (3): 445-468. Ref. Winter 1972

070691 475 EX7
Storage of insecticides in fat body of Spodoptera littoralis (Boisd.) as a possible mechanism of resistance. Abdallah, M *Experientia* 29 (3): 318-319. Ref. Mar 15, 1973

070692 24 SO842
Spray correctly – or even best pesticide will fail. Broodryk, S W *Farming S Afr* 48 (11): 12-15. Feb 1973

070693 384 C422
Assay of pesticides with reference to food hygiene. (Ger) Franck, R *Fette Seifen Anstrichmittel* 75 (4): 217-223. Eng. Sum. Apr 1973

070694 SB320.G4
Changes in maximum quantity – regulations for plant protection materials. (Ger) Cruger, G *Gemuse* 9 (3): 67-68. Mar 15, 1973

070695 SB320.G4
Residues – maximum quantities – tolerances. [Pesticides]. (Ger) Kradel, J *Gemuse* 9 (3): 70-71. Mar 15, 1973

070696 298.8 G33
Study of pesticide residues in flour mill laboratory. (Ger) Plasch, G *Getreide Mehl Brot* 27 (1): 15-18. Jan 1973

070697 105.1 G344
Cotton growing & crop protection in French speaking territories of Africa & Madagascar. [Pesticides, residues]. (Fre) Delattre, R *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 353-369. Eng. Sum. 1972

070698 105.1 G344
A contribution by industry to study of problems involved in large-scale application of pesticides in developing countries. Joyce, R J V *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 399-407. Ref. 1972

070699 105.1 G344
Management practices & insecticede poisoning of Nomia melanderi Ckll. & Megachile rotundata (Fab.), two valuable pollinators of alfalfa grown for seed in Washington state. Telford, H S *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 776-783. Ref. 1972

070700 105.1 G344
Thiram residues on salad treated with two compounds. [Lettuce]. (Fre) Martens, P H *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 841-849. Eng. Sum. 1972

070701 105.1 G344
Acute & subacute toxicity of fungicide triphenyltinhydroxide to common pond snail, Lymnaea stagnalis L. Maas, H L van der *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 850-858. Ref. 1972

070702 105.1 G344
Residues of dichlozolin on vegetable substrates. (Fre) Zenon-Roland, L *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 859-864. Eng. Sum. 1972

070703 105.1 G344
Thin layer chromatography of phenoxylkylacid herbicides. Peteghem, C V *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 874-881. Ref. 1972

070704 105.1 G344
A new modified method for determination of benomyl resudues in vegetables. (Fre) Martens, P H *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 882-888. Eng. Sum. 1972

070705 S19.G74
On proper use of pesticides. Kukherji, S K *Green Revolution* P. 73-76. 1972

070706 385 IN294
Synthesis of potential organophosphorus insecticides. I. Synthesis of diaryl dichloromethylphosphonates. Roy, N K *Indian J Chem* 10 (12): 1159-1160. Dec 1972

070707 SB599.I48
Inquiry research on organic chloride pesticide residues existing in cow milk between 1969-1970. (Rum) Polizu, A *Inst Cercet Pentru Prot Plant An* 8: 297-302. Eng. Sum. (Pub. 1972)

070708 442.8 AM3
DDT-induced chromosomal damage in mice. Johnson, G A *J Hered* 64 (1): 7-8. Ref. Jan/Feb 1973

070709 381 J827
Elucidation of structure & stereochemistry of myriocin. A novel antifungal antibiotic. Bagli, J F *J Org Chem* 38 (7): 1253-1260. Apr 6, 1973

070710 385 K524
Pesticides & environmental protection. (Rus) Mel'nikov, N N *Khim Sel'skom Khoz* 11 (1): 31-34. 1973

070711 41.8 V644
Examination of meat & meat products for occurrence of chlorinated hydrocarbons. [Insecticides]. (Hun) Simonffy, Z *Magyar Allatorv Lapja* 28 (3): 141-146. Ref. Eng. Sum. Mar 1973

070712 41.8 M463
Influence of phosphoorganic pesticides on some pathogenic bacteria. (Pol) Lis, T *Med Wet* 29 (1): 27-28. Ref. Eng. Sum. Jan 1973

070713 298.8 M89
Homogeniety of dispersion of minute quantities of additives to divers substances. [Insecticides]. (Ger) Weiss, H *Muhle Mischfuttertech* 110 (7): 99-102. Eng. Sum. Feb 15, 1973

070714 SB354.O28
Dangers from pesticides used in fruit culture. (Ger) Warmbronn, K *Obst Gart* 91 (3): 65-66. Mar 1972

070715 475 P174
Ultrasonic emulsification of petkolin. I. Pure petkolin in water & petkolin-kerosine solution in water system. Khan, M A *Pakistan J Sci Indus Res* 15 (3): 229-231. June 1972

070716 SB951.A1P4
Speculations on agricultural chemical developments in current decade. Sutherland, G L *Pest Contr Oper News* 32 (8): 22-23. Aug 1972

070717 449.8 EX8
Public health pesticides. *Pest Contr* 41 (4): 18-50. (42 P. Not Consecutive) Apr 1973

070718 SB951.P47
Effect of benomyl & some related compounds on Lumbricus terrestris & other earthworms. Stringer, A *Pestic Sci* 4 (2): 165-170. Ref. Apr 1973

070719 SB951.P47
Perfusion studies with bromoxynil octanoate in soil. Collins, R F *Pestic Sci* 4 (2): 181-192. Apr 1973

070720 SB951.P47
Spectroscopic studies on mechanisms of adsorption of paraquat by humic acid & model compounds. Burns, I G *Pestic Sci* 4 (2): 201-209. Ref. Apr 1973

070721 SB951.P47
Pesticide residues in total diet in Canada. III. 1971. Smith, D C *Pestic Sci* 4 (2): 211-214. Apr 1973

070722 SB951.P47
Structural studies & photochemical rearrangement of an animal metabolite of HEOD, active component of dieldrin. Baldwin, M K *Pestic Sci* 4 (2): 227-237. Ref. Apr 1973

070723 SB951.P47
Degradation of phosphonates. II. influence of O-alkyl group on breakdown of some O-alkyl methylphosphonofluoridates in wheat plants. Howells, D J *Pestic Sci* 4 (2): 239-245. Apr 1973

070724 450 P696
Effects of mercury compounds on soil microbes. Faassen, H G van *Plant Soil* 38 (2): 485-487. Apr 1973

070725 281.9 B87
Pesticides & dairy production. [Contamination]. (Fre) Marion, R *Prod Agr Fr* 49 (124): 34-35. Feb 2, 1973

070726 389.8 P95
Analytic problems of pesticide residues. [Food]. (Pol) Kazmierczak, T *Przem Spozyw* 26 (3): 103-107. Eng. Sum. 1972

070727 SB950.A1P3
Safety precautions for pesticide application in tropics. Matthews, G A *PAns Pest Artic News Summ* 19 (1): 1-12. Mar 1973

070728 SB950.A1P3
Safe, effective & efficient utilisation of pesticides in agriculture & public health in Central America & Caribbean. Adam, A V *PAns Pest Artic News Summ* 19 (1): 138-140. Mar 1973

070729 SB950.A1P3
Mineral oils as carriers for ultra-low-volume (ULV) spraying. Wrigley, G *PAns Pest Artic News Summ* 19 (1): 54-61.,Ref. Mar 1973

070730 SK1.S6
Bioaccumulation of endrin from natural food sources in eastern bobwhite quail, Colinus virginianus L. Gregory, W W *Southeast Ass Game Fish Comm Proc* 25Th: 156-164. Ref. (Pub. June 1972)

070731 SK1.S6
Accumulation of DDT from food & from water by golden shiner minnows, Notemigonus crysoleucas. Courtney, C H *Southeast Ass Game Fish Comm Proc* 25Th: 426-431. (Pub. June 1972)

070732 SK1.S6
A respirometer for determining effect of pesticides & related pollutants on oxygen consumption of estuarine fishes. Parrish, P R *Southeast Ass Game Fish Comm Proc* 25Th: 602-606. Ref. (Pub. June 1972)

070733 HD9656.U4A1
Pruification of 2,4-dichlorophenol by method of dissociative extraction. Lukashenok, V N *Sov Chem Indus* 4 (11): 673-676. Ref. Nov 1972

070734 391.8 T662
Effect of isomers of DDD on ACTH-induced steroid output, histology & ultrastructure of dog adrenal cortex. Hart, M M *Toxicol Appl Pharmacol* 24 (1): 101-113. Ref. Jan 1973

070735 41.8 V6468
Studies on residual amounts of chlororganic pesticides in animal fats. (Bul) Delchev, Kh *Vet Med Nauk* 10 (1): 9-13. Ref. Eng. Sum. 1973

070736 41.8 V6463
Chemicalization of agriculture & tasks before veterinary & sanitary control. [Pesticides, residues]. (Bul) Savov, D *Vet Sbirka* 69 (7): 22-24. 1972

070737 41.8 V6463
Chronic poisoning in cows due to organic-phosphorus insecticides. (Bul) Naidenov, N *Vet Sbirka* 69 (9): 44-45. 1972

070738 41.8 V6426
On embryotoxic properties of dicresyl. [Sheep]. (Rus) Trifonova, G K *Veterinariia* 2: 102-104. Feb 1973

070739 41.8 V6426
Effect of trichlorfon & dimethoate on activity of enzymes of brain. [Rabbits]. (Rus) Nikolaev, K A *Veterinariia* 3: 105-106. Feb 1973

070740 389.8 V89
Changes in metabolism of DDT deposited in omentum of fasting albino rats. (Rus) Shtenberg, A I *Vop Pitan* 1: 39-439 eng. Sum. Jan/Feb 1973

070741 389.8 V89
Cytotoxicity of pesticides with their combined action. (Rus) Perelygin, V M *Vop Pitan* 1: 44-47. Ref. Eng. Sum. Jan/Feb 1973

070742 389.8 V89
Effect of some pesticides on composition & properties of vegetable food products. (Rus) Antonovich, E A *Vop Pitan* 1: 66-69. Ref. Jan/Feb 1973

070743 389.8 V89
Method of determining residual amount of herbicides & their metabolites in food products through thin layer chromatography. (Rus) Samosvat, L S *Vop Pitan* 1: 77-78. Jan/Feb 1973

070744 449.9 W26
Changes in periphytone complexes following an application of organophosphorus pesticides (malathion, phoschlorine). (Pol) Ranke-Rybicka, B *Warsaw Panstw Zakl Hig Rocz* 23 (2): 137-146. Ref. Eng. Sum. 1972

070745 449.9 W26
An inquiry into total DDT & HCH [benzene hexachloride] residues in raw & powdered milk. (Pol) Cwiertniewska, E *Warsaw Panstw Zakl Hig Rocz* 23 (3): 271-278. Eng. Sum. 1972

070746 449.9 W26
An inquiry into viability of tadpoles of Rana temporaria intermittently exposed to phospho-organic pesticides phoschlorine, malathion). (Pol) Ranke-Rybicka, B *Warsaw Panstw Zakl Hig Rocz* 23 (3): 371-377. Ref. Eng. Sum. 1972

070747 275.29 W27MI
How to reduce poisoning of bees from pesticides. Johansen, C A Cooperative Extension Service *Wash State Univ Ext Em* 3473 (Rev.), 6 P. Feb 1973

070748 449.9 W892T
Safe use of pesticides, twentieth report of WHO [World Health Organization] Expert Committee on Insecticides. *World Health Organ Tech Rep Ser* 513, 54 P. 1973

GENERAL ENTOMOLOGY

070749 505 P21 (3)
Diminution of longevity of Drosophila melanogaster under effect of protection as opposed to natural ionizing radiations. (Fre) Planel, H *Acad Sci (paris) C R Ser D* 276 (5): 809-812. Ref. Jan 29, 1973

070750 505 P21 (3)
On some particularly primitive characters of prelarva & larva of an Opilioacaridae from Gabon (Acarien). (Fre) Coineau, Y *Acad Sci (paris) C R Ser D* 276 (7): 1181-1184. Ref. Feb 12, 1973

070751 434.8 AC1
Studies on phoretic specificity in Macrocheles mycotrupetes & Macrocheles peltotrupetes Krantz & Mellott (Acari : Macrochelidae), associates of geotrupine Scarabaeidae. Krantz, G W *Acarologia* 14 (3): 317-344. Ref. Dec 1972

070752 434.8 AC1
Equilibrium weights of Dermacentor variabilis Say. at near saturation (Acarina : Ixodidae). McEnroe, W D *Acarologia* 14 (3): 364-367. Dec 1972

070753 QL508.A2A2
Clues to Mesozoic evolution of Eumastacidae. (Fre) Blackith, R E *Acrida* 2 (1): V-xviii. Ref. Jan/Mar 1973

070754 QL508.A2A2
Regulation of moulting in insects. (Fre) Joly, P *Acrida* 2 (1): Xix-xxxiii. Jan/Mar 1973

070755 QL508.A2A2
Diversity in form & colour in some Central African Acridoids, & associated phenomena. [Acridoidea]. Whellan, J A *Acrida* 2 (1): 1-7. Ref. Jan/Mar 1973

070756 QL508.A2A2
Photoperiodic regulation of temperature requirements in crowded African migratory locusts (Locusta migratoria migratorioides, R. & F.). I. Constant photoperiods & mortality. Albrecht, F O *Acrida* 2 (1): 9-24. Ref. Jan/Mar 1973

070757 QH301.A25
Proteins with an unusual solubility in salivary glands of Acricotopus lucidus (Chironomidae). (Ger) Baudisch, W *Acta Biol Med Ger* 29 (4/5): 521-525. Ref. Eng. Sum. 1972

070758 420 C33
Cephalic anatomy of Clypostemmatinae (Heteroptera, Notonectidae). Stys, P *Acta Entomol Bohemoslov* 70 (2): 142-143. 1973

070759 420 C33
On chemical composition of frontal gland secretion in termites of genus Nasutitermes (Nasutitermes & Nasutitermes rippertii; Isoptera). Vrkoc, J *Acta Entomol Bohemoslov* 70 (2): 74-80. Ref. 1973

070760 420 C33
Annual cycle of mayflies (Ephemeroptera) in a karstic stream. Sukop, I *Acta Entomol Bohemoslov* 70 (2): 81-85. Ref. 1973

070761 SF1.A2
Results of research of Apterygota in oak-hornbeam forests of south-western Slovakia. (Slo) Brestovsky, J *Acta Zootech* 23: 217-230. Ref. Eng. Sum. 1972

070762 500 N483N
Life history & immature stages of bee Neofidelia (Hymenoptera, Fideliidae). Rozen, J G *Amer Mus Nov* 2519, 14 P. Apr 11, 1973

070763 410 B77
Role of integumental colour pattern in locust grouping. Gillett, S D *Anim Behav* 21 (1): 153-156. Ref. Feb 1973

070764 QH431.A1A52
Influence of fitness deterioration on selection limits. [Tribolium castaneum]. Orozco, F *Ann Genet Sel Anim* 4 (4): 569-592. Ref. 1972

070765 QH98.A1A5
Influence of current speed on locomotory activity of larvae Micropterna testacea (Gmel.) (Trichoptera, Limnephilidae). (Fre) Bournaud, M *Ann Limnol* 8 (2): 141-216. Ref. Eng. Sum. 1972

070766 421 AN9
Effect of biophysical environmental conditions on forest pests, especially on Lymantria monacha L. (Ger) Jahn, E *Anz Schadlingsk Pflanzenschutz* 46 (3): 37-43. Ref. Eng. Sum. Mar 1973

070767 421 AN9
Laboratory investigations about flight behaviour & flight activity of Sitona species (Coleoptera, Curculionidae). (Ger) Stein, W *Anz Schadlingsk Pflanzenschutz* 46 (3): 44-46. Ref. Eng. Sum. Mar 1973

070768 410 AR28
Energy flow in a woodland stream ecosystem. II. taxonomic composition & phenologgy of Chironomidae as determined by collection of pupal exuviae. Coffman, W P *Arch Hydrobiol* 71 (3): 281-322. Ref. Mar 1973

070769 410 B393
Influence of light & darkness on induction & cessation of flight in locust Schistocerca gregaria (Forskal) raised in isolated & dense groups. (Fre) Michel, R *Behaviour* 45 (1/2): 1-11. Ref. Eng. Sum. 1973

070770 QR73.B5
Phosphoglycerate kinase polymorphism in Drosophila. [Melanogaster]. Chew, G K *Biochem Genet* 8 (3): 267-270. Ref. Mar 1973

070771 QR73.B5
Regulatory interactions involving two hemoglobin loci of Chironomus. [Tentans]. Thompson, P *Biochem Genet* 8 (3): 309-319. Ref. Mar 1973

070772 382 B52
3,4-Dihydroxyphenylalanine (dopa) decarboxylase activity in arthropod nervous system. [Locusta migratoria]. Murdock, L L *Biochem J* 132 (4): 681-688. Ref. Apr 1973

070773 442.8 B52
Oogenesis in Drosophila virilis. I. Interactions between ring canal rims & nucleus of oocyte. Kinderman, N B *Biol Bull* 144 (2): 331-354. Ref. Apr 1973

070774 442.8 B52
Effects of juvenile hormone analogues on metamorphosis of beetles Trogoderma granarium (Dermestidae) & Caryedon gonagra (Bruchidae). Metwally, M M *Biol Bull* 144 (2): 368-382. Ref. Apr 1973

070775 442.8 B5264
Insect sex-pheromone & species speciation. (Jap) Tamaki, K *Biol Sci* 24 (3): 119-129.ref. Dec 1972

070776 442.9 P21
Genetic heterogeneity of 'albinos' mutation in Locusta migratoria (Orthoptera). (Fre) Fuzeau-Braesch, S *C R Seances Soc Biol Fil* 166 (6/7): 783-786. 1972

070777 442.9 P21
Contribution to study of endocrine role of antennery glan of Oniscoidea Porcellio dilatatus Brandt. Consequence of its removal on hydromineral balance. (Fre) Maissiat, J *C R Seances Soc Biol Fil* 166 (6/7): 916-919. 1972

070778 421 C16
Immature stages & biology of Zelus socius (Hemiptera: Reduviidae). Swadener, S O *Can Entomol* 105 (2): 213-238. Ref. Feb 1973

070779 421 C16
Life history & habits of a leaf miner, Cameraria macrocarpae, on bur oak in Manitoba (Lepidoptera: Gracillariidae). [Quercus macrocarpa]. Still, G N *Can Entomol* 105 (2): 239-244. Feb 1973

070780 421 C16
Larva of Ixodes cookei (Acarina: Ixodidae). Ko, R C *Can Entomol* 105 (2): 245-248. Ref. Feb 1973

070781 421 C16
Growth & development of larvae of granary weevil, (sitophilus granarius (Coleoptera: Curculionidae), on natural & meridic diets. Baker, J E *Can Entomol* 105 (2): 249-256. Ref. Feb 1973

070782 421 C16
Parasites of face fly, Musca autumnalis (Diptera: Muscidae), & associated Diptera near Belleville, Ontario. Wylie, H G *Can Entomol* 105 (2): 257-261. Feb 1973

070783 421 C16
Life history of Water-Boatman, Trichocorixella mexicana (Heteroptera: Corixidae). Peters, W *Can Entomol* 105 (2): 277-282. Feb 1973

070784 421 C16
Hybridization between geographical races of codling moth (Lepidoptera: Olethreutidae). Robinson, A S *Can Entomol* 105 (2): 289-290. Feb 1973

070785 421 C16
Some factors influencing insemination in laboratory swarms of Chironomus reparius (Diptera: Chronomidae). Downe, A E R *Can Entomol* 105 (2): 291-298. Ref. Feb 1973

070786 421 C16
Ground beetle populations near a kraft mill. [Carabidae silphidae. Freitag, R *Can Entomol* 105 (2): 299-310. Feb 1973

070787 421 C16
Observations on bionomics of dark-sided cutworm, Euxoa messoria (Lepidoptera: Noctuidae), in Ontario. Cheng, H H *Can Entomol* 105 (2): 311-322. Ref. Feb 1973

070788 421 C16
Lethal & sublethal effects produced by three lasers on two Trogoderma species (Coleoptera: Dermestidae) i. General developmental changes. Kobylnyk, R W *Can Entomol* 105 (2): 323-3339 ref. Feb 1973

070789 421 C16
Biology of Pollenia rudis, cluster fly (Diptera: Calliphoridae) i. Host location by first-instar larvae. [Eisenia rosea]. Thomson, A J *Can Entomol* 105 (2): 335-341. Ref. Feb 1973

070790 421 C16
Factors influencing fall emergence of Bessa harveyi (Tachinidae: Diptera). Turnock, W J *Can Entomol* 105 (3): 399-409. Mar 1973

070791 421 C16
Digestive processes of haematophagous insects. III. Inhibition of trypsin by honey & possible functions of oesophageal diverticula of mosquitoes (Deptera). Gooding, R H *Can Entomol* 105 (3): 433-436. Ref. Mar 1973

070792 421 C16
Diurnal foraging activity of Formica sublucida, Formica sanguinea subnuda, & Formica fossaceps (Hymenoptera: Formicidae) in Quebec. Finnegan, R J *Can Entomol* 105 (3): 441-444. Mar 1973

070793 421 C16
Changes in lipid & nitrogen content during postembryonic development of Pseudaletia unipuncta (Lepidoptera: Noctuidae). Mukerji, M K *Can Entomol* 105 (3): 471-478. Ref. Mar 1973

070794 421 C16
A sampling plan for studies on population dynamics of white grubs, Phyllophaga spp. (Coleoptera: Scarabaeidae). Harcourt, D G *Can Entomol* 105 (3): 479-783. Ref. Mar 1973

070795 421 C16
Quantitative relationship between consumption & excretion by larvae of Pseudaletia unipuncta (Lepidoptera: Noctuidae). Mukerji, M K *Can Entomol* 105 (3): 491-492. Mar 1973

070796 410.9 C33
Morphological changes during life cycles of Viciaceae-inhabiting species of genus Acyrthosiphon Mordv., 1914 (Homoptera: Aphidinea): Preliminary note. Zacharda, M *Cesk Spolecnosti Zool Vestnik* 37 (1): 76-80. Ref. 1973

070797 384 C4292
Technique of irrigation installations. (Ger) Ledig, G *Chem Tech Landwirtschaft* 23 (4): 74, 76. Apr 1972

070798 442.8 C46
W-chromosome of Ephestia kuehniella (Lepidoptera) & derivation of sex-chromatin. (Ger) Traut, W *Chromosoma* 41 (4): 437-446. Ref. Eng. Sum. 1973

070799 442.8 C46
Selective induction of a giant puff in Drosophila hydei by vitamin B6 and derivatives. Leenders, H J *Chromosoma* 41 (4): 447-460. Aref. 1973

070800 464.9 C47
White peach scale (Pseudaulacaspes pentagona Targioni) an important pest of pear in Taiwan. I. Morphology & identification. (Chi) Chang, A F *Chung-hua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (2): 81-86. Eng. Sum. June 1972

070801 464.9 C47
Studies on Lycosa pseudoannulata Boesenberg et Strand (Araneae: Lycosidae). I. External feature & habits. [Fice, insect pests, biological control]. (Chi) Chu, Y I *Chung-hua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (4): 169-174. Ref. Eng. Sum. Dec 1972

070802 442.9 C672C
Structure & function of insect muscle. [Lethocerus]. Armitage, P *Cold Spring Harbor Symp Quant Biol* 37: 379-387. Ref. 1973

070803 442.9 C672C
How many myosins per cross-bridge? i. Flight muscle myofibrils from blowfly, Sarcophaga bullata. Reedy, M K *Cold Spring Harbor Symp Quant Biol* 37: 397-421. Ref. 1973

070804 442.9 C672C
How many myosins per cross-bridge? iI. Flight muscle myosin from blowfly, Sarcophaga bullata. Bullard, B *Cold Spring Harbor Symp Quant Biol* 37: 423-428. Ref. 1973

070805 442.9 C672C
Effects of ATP [adenosine triphosphate] analogs on low-angle X-ray diffraction pattern of insect flight muscle. [Lethocerus maximus]. Leigh, J B *Cold Spring Harbor Symp Quant Biol* 37: 443-447. Ref. 1973

070806 385 C68
Natural & synthetic materials with insect hormone activity. XV. synthesis of geranylated aromatic sulfur containing compound. Kahovcova, J *Collect Czech Chem Commun* 38 (3): 765-769. Ref. Mar 1973

070807 385 C68
Chemical composition of compounds produced by pea aphid Acyrthosiphon pisum (Harris): pentane extract of surface lipids. Stansky, K *Collect Czech Chem Commun* 38 (3): 773-783. Ref. Mar 1973

070808 444.8 C73
Suitability of Melanoplus differentialis for electrophysiological investigation based on hemolymph ionic & anatomical studies. Weidler, D J *Compar Biochem Physiol* 44 (3a): 807-812. Ref. Mar 1, 1972

070809 444.8 C73
Investigation of free amino acid metabolism in embryo of milkweed bug: Oncopeltus fasciatus. Favalora, V H *Compar Biochem Physiol* 44 (3b): 843-847. Ref. Mar 15, 1973

070810 80 C83
Singing bug of hampshire. New Forest cicada. [Cicadetta montana]. Wootton, A *Country Life (london)* 153 (3954): 922, 924, 926. Apr 5, 1973

070811 475 SCI23
Size relationship of oocytes & their nuclei in three species of scorpions. Sareen, M L *Cur Sci* 42 (8): 281-282. Apr 20, 1973

070812 475 SCI23
Intracellular & extracellular complement fixing antigens of Japanese encephalitis & chandipura viruses in mosquito tissue cultures. [Aedes albopictus, Aedes w-albus]. Ghosh, S N *Cur Sci* 42 (8): 286-288. Apr 20, 1972

070813 502 D232
Ethological and autecological studies on Canarian Vermileoninae (Diptera, Brachycera, Rhagionidae Leptidae). Frederiksen, J *Dansk Naturhist For Videnskabelige Meddelelser* 135: 37-59. 1972

070814 502 D232
Egg characteristics & body size in craneflies (Diptera: Tipulidae) with comparative notes on birds & other organi sms. Hemmingsen, A M *Dansk Naturhist For Videnskabelige Meddelelser* 135: 85-127. Ref. 1972

070815 410 EC7
Predation by damselfly naiads on cladoceran populations: fluctuating intensity. [Ishnura verticalis, Simocephalus serrulatus]. Johnson, D M *Ecology* 54 (2): 251-268. Ref. Early Spring 1973

070816 410 EC7
Utilization of leaf litter by stream detritivores. [Tipula, Pycnopsyche, Stenonema]. Cummins, K W *Ecology* 54 (2): 336-345. Ref. Early Spring 1973

070817 410 EC7
A centrifuge method for determining live weights of aquatic insect larvae, with a note on weight loss in preservative. Stanford, J A *Ecology* 54 (2): 449-451. Early Spring 1973

070818 410 EC7
Effects of shading on migratory behavior of Florida harvestor ant, Pogonomyrmex badius. Carlson, D M *Ecology* 54 (2): 452-453. Early Spring 1973

070819 QH540.E3
Ecology of xylobiont Tipulidae larvae. (Rus) Krivosheina, N P *Ekologiia* 3: 45-52. Ref. 1972

070820 QH540.E3
Horizontal distribution of Oribatei in exhausted peat bogs of Balachna lowland. (Rus) Chistiakov, M P *Ekologiia* 3: 53-58. Ref. 1972

070821 421 EN895
Modification of responses to sex pheromone in male Mediterranean flour moth, Ephestia kuehniella, by additional substances. Traynier, R M M *Entomol Exp Appl* 16 (1): 1-8. Ref. 1973

070822 421 EN895
A novel relationship between two types of elastic cuticle in locust. [Acrididae]. Vincent, J F V *Entomol Exp Appl* 16 (1): 135-136. 1973

070823 421 EN895
Tocopherol: egg production & migration by Plusia gamma. MaCaulay, E D M *Entomol Exp Appl* 16 (1): 48-52. Ref. 1973

070824 421 EN895
Actographic examination of flight activity of cocoa mirid Distantiella theobroma (Hemiptera: Miridae). King, A B S *Entomol Exp Appl* 16 (1): 53-63. Ref. 1973

070825 421 EN895
Ecology of variegated grasshopper, Zonocerus variegatus, (Orthoptera: Acridoidea, Pyrgomorphidae) on Nsukka Plateau, Nigeria. Anya, A O *Entomol Exp Appl* 16 (1): 64-76. 1973

070826 421 EN895
Effect of photoperiod on Coccinella transversoguttata (Coleoptera: Coccinellidae). Storch, R H *Entomol Exp Appl* 16 (1): 77-82. Ref. 1973

070827 QL461.E58
Let us save Parnassius apollo. (Fre) Willien, P *Entomol Gesell Basel* 22 (4): 97-98. Dec 1972

070828 421 H17
Orientation of Thaumetopoea pityocampa Schiff. during pupation migration (Lepidoptera, Notodontidae). (Ger) Franck, D *Entomol Mitt Zool Mus Hamb* 4 (79): 299-301. Nov 20, 1972

070829 421 EN88
Queuing & rosette molting in Automeris 10 (Lepidoptera: Saturniidae). Russi, K *Entomol News (philadelphia)* 84 (2): 33-36. Feb 1973

070830 421 EN88
A scientifically designed drawer for scientific insect collections. Townes, H *Entomol News (philadelphia)* 84 (2): 53-61. Feb 1973

070831 421 EN89
Further notes on African lunar moth Argema kuhnei Pinhey (Lepidoptera: Saturniidae). Kuhne, K W *Entomol Rec J Variation* 85 (1): 27-30. Jan 1973

070832 421 EN89
On nest of Halictus (Seladonia) jucundus komensis Cockerell (Hymenoptera: Apoidea, Andrenidae). Cunningham-van Someren, G R *Entomol Rec J Variation* 85 (2/3): 47-49. Feb/Mar 1973

070833 QL461.E59
Seasonal polymorphism & developmental changes in organs of flight & reproduction in bivoltine pondskaters (Hemiptera, Gerridae]. Andersen, N M *Entomol Scand* 4 (1): 1-20. Ref. 1973

070834 QL461.E59
Production of larvae of Phyllobius piri L. Coleoptera, Curculionidae) in an abandoned field. Axelsson, B *Entomol Scand* 4 (1): 21-29. 1973

070835 QL461.E59
Morphological characteristics of North-European myrmeleontid larvae (Neuroptera). Friheden, J *Entomol Scand* 4 (1): 30-34. Ref. 1973

070836 QL461.E59
Changes in dry-weight & water content in hibernating larva of Pseudohermenias clausthaliana (Sax.) in Denmark (Lepidoptera, Torticidae). Munster-Swendsen, M *Entomol Scand* 4 (1): 73-77. Ref. 1973

070837 QL461.E59
Evidence for a sex attractant in Agriotes lineatus (L.) (Coleoptera Elateridae) demonstrated by field experiments. Borg, A *Entomol Scand* 4 (1): 78-80. Ref. 1973

070838 420 EN82
Comparison of nine diets for rearing Galleria mellonella. Marston, N *Entomol Soc Amer Ann* 66 (1): 132-136. Ref. Jan 15, 1973

070839 420 EN822
Thoughts on future development of Entomological Society of Quebec. (Fre) Smirnoff, W A *Entomol Soc Quebec Ann* 17 (2): 76-78. May 1972

070840 421 EN85
Entomological impressions from Far East (USSR, Japan, Korea, Hong Kong). (Ger) Muting, D *Entomol Z* 83 (8): 81-89. Apr 15, 1973

070841 421 EN835
Larval growth & development of a hymenopterous parasite, Pteromalus puparum L. (Chalcididaee, in artificial & semi-artificial conditions. (Fre) Bouletreau, M *Entomophaga* 17 (3): 265-273. Ref. Eng. Sum. 1972

070842 421 EN835
Parasitoid complex of citrus psylla Trioza erytreae (Del Guercio) (Homoptera: Psyllidae). McDaniel, J R *Entomophaga* 17 (3): 297-317. Ref. 1972

070843 421 EN835
Conditions under which larvae of Colorado beetle, Leptinotarsa decemlineata Say are infected by Beauveria bassiana (Bals.) Vuill. (Fungi imperfecti). [Biological control, potato insect pests]. (Fre) Fargues, J *Entomophaga* 17 (3): 319-337. Ref. 1972

070844 421 EN835
Spatial distribution of gypsy moth (Lepidoptera: Bymantriidae) & some of its parasitoids within a forest environment. [Porthetria dispar]. Weseloh, R M *Entomophaga* 17 (3): 339-351. Ref. 1972

070845 421 EN835
Distinguishing features of parasitized pupae of Philophylla heraclei L. Diptera: Trypetidae & time of their appearance. (Fre) Desroches, P *Entomophaga* 17 (4): 365-373. Eng. Sum. 1972

070846 421 EN835
Mode of penetration of an egg-larva parasite, Phanerotoma flavitestacea Fish. (Hymenoptera: Braconidae), into embryo of its host, Anagasta kuehniella Zell (Lepidoptera: Pyralidae). (Fre) Hawlitzky, N *Entomophaga* 17 (4): 375-389. Ref. Eng. Sum. 1972

070847 421 EN835
Biosystematic relations between a thelytokous & an arrhenotokous form of Aphytis mytilaspidis (Le Baron) (Hymenoptera: Aphelinidae). 1. reproductive relations. Rossler, Y *Entomophaga* 17 (4): 391-423. Ref. 1972

070848 421 EN835
Biosystematic relations between a thelytokous & an arrhenotokous form of Aphytis mytilaspidis (Le Baron) (Hymenoptera: Aphelinidae). 2. Comparative biological & morphological studies. Rossler, Y *Entomophaga* 17 (4): 425-435. Ref. 1972

070849 421 EN835
Suitability of eggs of Anagasta kuhniella Z. [Lepidoptera Pyralidae] as food for an aphidiphagous coccinellid: Adonia 11-notata Schn. (Coleoptera Coccinellidae). (Fre) Iperti, G *Entomophaga* 17 (4): 437-441. Eng. Sum. 1972

070850 421 EN835
Investigations into behaviour of two species of East African ants towards predaceous Syrphids. [Acantholepis capensis, Pheidole megacephala]. (Ger) Schmutterer, H *Entomophaga* 17 (4): 443-453. Eng. Sum. 1972

070851 421 EN835
Development cycles & life tables of Tetranychus neocaledonicus Andre nAcarina: Tetranychidae) & one of its principal predators, Stethorus madecassus Chazeau (Coccinellidae) in Madagascar. (Fre) Gutierrez, J *Entomophaga* 176 (3): 275-295. Map. Ref. Eng. Sum. 1973

070852 475 EX7
On activity of neurosecretory cells in flesh-fly Sarcophage bullata. Verma, G P *Experientia* 29 (3): 331-332. Mar 15, 1973

070853 475 EX7
Juvenile hormone-initiated sexual maturity in males of Pterostichus nigrita f. (Coleoptera, Carabidae). Ferenz, H J *Experientia* 29 (3): 356. Mar 15, 1973

070854 475 EX7
Resistance to carbon dioxide, an onoxic stress in Drisophila melanogaster. Matheson, A C *Experientia* 29 (3): 364-365. Ref. Mar 15, 1973

070855 475 EX7
A study of differentiation of bracts in Drosophila melanogaster using two mutations, H2 & svde. Tobler, H *Experientia* 29 (3): 370-371. Ref. Mar 15, 1973

070856 475 EX7
Experimental study of effect on prothoracic gland of two physiologically & developmentally active fractions of insect brain hormones (activation factor I & II). [Periplaneta americana]. (Ger) Gersch, M *Experientia* 29 (4): 425-427. Ref. Eng. Sum. Apr 15, 1973

070857 475 EX7
Phase differences in cardiac rhythm of Locusta migratoria L. I. Larval stage. (Fre) Roussel, J P *Experientia* 29 (4): 433-435. Eng. Sum. Apr 15, 1973

070858 475 EX7
Visual component in courtship of Drosophila melanogaster. Burnet, B *Experientia* 29 (4): 488-489. Apr 15, 1973

070859 475 EX7
A difference between sexes in an optomotor response in cabbage white butterfly, Pieris rapae L. Kien, J *Experientia* 29 (4): 492-493. Apr 15, 1973

070860 99.9 F493
Flight period & brood emergence in Trypodendron lineatum (Oliv.) (Coleoptera, Scolytidae) in Nordic countries. Annila, E *Finland Metsantutkimuslaitos Julkaisuja* 76 (4), 28 P. Map. Ref. 1972 (Pub 1973)

070861 QH96.F6
A new method for establishing a permanent laboratory culture of Chironomus riparius Meigen (Diptera: Chironomidae). Credland, P F *Freshwater Biol* 3 (1): 45-51. Ref. Feb 1973

070862 443.8 G283
Simultaneous slection for two correlated traits in Tribolium. [Castaneum]. Bell, A E *Genet Res* 21 (1): 29-46. Ref. Feb 1973

070863 443.8 G283
Simultaneous selection for two correlated traits in Tribolium. Bell, A E *Genet Res* 21 (1): 29046. Ref. Feb 1973

070864 442.8 G282
Further studies on karyotypes & sex determination of phytoseiid mites (Acarina: Mesostigmata). Wysoki, M *Genetica* 44 (1): 139-145. 1973

070865 442.8 G282
Effects of caffeine on chromosomal loss & nondisjunction in Drosophila melanogaster. Zettle, T E *Genetica* 44 (1): 146-153. Ref. 1973

070866 442.8 G282
Population genetics in American tropics. VIII. courtship isolation within Drosophila paulistorum incipient 'species'. Hoenigsberg, H F *Genetica* 44 (1): 39-54 . Ref. 1973

070867 442.8 G282
Genus Argemone. I. Cytogenetic relationships between diploid species. Malik, C P *Genetica* 44 (1): 55-70. 1973

070868 QH431.A1G4
Cytological analysis of crossovers induced by irradiation in Drosophila melanogaster females. (Rus) Mglinets, V A *Genetika* 9 (3): 69-75. Ref. Eng. Sum. Mar 1973

070869 QH431.A1G4
Mechanisms of inactivation & mutagenesis induced by ethyleneimine in Drosophila melanogaster germ cells. I. Dominant lethal mutation frequencies in stored spermatozoa. (Rus) Shvartman, P I *Genetika* 9 (3): 76-83. Ref. Eng. Sum. Mar 1973

070870 105.1 G344
Effect of various vitamins on development of Pieris brassicae larvae. Geest, L P S van der *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 713-716. 1972

070871 105.1 G344
Management practices & insecticede poisoning of Nomia melanderi Ckll. & Megachile rotundata (Fab.), two valuable pollinators of alfalfa grown for seed in Washington state. Telford, H S *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 776-783. Ref. 1972

070872 410 G79
Flights of western thatching ant Formica obscuripes Forel, in Nevada (Hymenoptera: Formicidae). Clark, W H *Great Basin Natur* 32 (4): 202-207. Ref. Dec 31, 1972

070873 100 H313T
Biology & rearing methods of New Guinea sugarcane weevil, Rhabdoscelus obscurus. Napompeth, B *Hawaii Agr Exp Sta Tech Bull* 85, 51 P. Ref. Dec 1972

070874 420 H312
Effects of increasing dosages of gamma irradiation on wingbeat frequencies of Dacus dorsalis Hendel males & females at different age levels. Sharp, J L *Hawaii Entomol Soc Proc* 21 (2): 257-262. Dec 1972

070875 443.8 H42
Competition in Drosophila. Iii. A possible maternal effect. McGill, A *Heredity* 30 (2): 211-225. Apr 1973

070876 443.8 H42
Atmospheric pollution & industrial melanism. [Phigalia pedaria, Adalia bipunctata, Biston betularia, Adalia decempunctata]. Lees, D R *Heredity* 30 (2): 227-232. Ref. Apr 1973

070877 SB951.I562 1971
Symposium: chemistry & activity of insect pheromones. *In International IUpac Congress of Pesticide Chemistry, 2 D, Tel-Aviv, 1971. Pesticide Chemistry; Proceedings* 3: 67-162. 1971

070878 513 IN25B
Correlation between neurosecretion & some physiological functions of scorpion Heterometrus swammerdami. Rao, K P *Indian Acad Sci Proc Sect B* 77 (4): 148-155. Ref. Apr 1973

070879 420 IN23
Bionomics of banana pseudostem weevil, Odoiporus longicollis Oliv. (Coleoptera: Curculionidae). Dutt, N *Indian J Entomol* 34 (1): 20-30. Ref. (Pub. Jan 1973)

070880 420 IN23
Lipid requirements for Tribolium castaneum (Herbst). Roy, P *Indian J Entomol* 34 (1): 35-41. Ref. (Pub. Jan 1973)

070881 420 IN23
Digestion and distribution of tricalcium phosphate in the cockroach, Periplaneta americana Linnaeus. Gupta, M R *Indian J Entomol* 34 (1): 46-49. (Pub. Jan 1973)

070882 420 IN23
Studies on activity rhythms of Amsacta moorei Butler (Arctiidae) & Euproctis lunata Walker (Lymantriidae). Singh, D *Indian J Entomol* 34 (1): 60-69. Ref. (Pub. Jan 1973)

070883 420 IN23
New record of Aphidius transcaspicus (Telenga) (Braconidae: hymenoptera) as a parasite of Rhopalosiphum maidis (Fitch). Kasi Viswanathan, P R *Indian J Entomol* 34 (1): 74. (Pub. Jan 1973)

070884 QL495.A1I57
Metabolic reserves of larvae & pupae of angoumois grain moth, Sitotroga cerealella. Chippendale, G M *Insect Biochem* 3 (9): 1-10. Ref. Mar 1973

070885 QL495.A1I57
Autoxidation of insect cuticular lipids: stabilization of alkyl dienes by 3,4-dihydricphenols. [Periplaneta americana]. Atkinson, P W *Insect Biochem* 3 (9): 103-112. Ref. Mar 1973

070886 QL495.A1I57
The significance of L-proline for oxidative metabolism in the flight muscles of the colorado beetle, Leptinotarsa decemlineata. Kort, C A D de *Insect Biochem* 3 (9): 11-17. Ref. Mar 1973

070887 QL495.A1I57
In vitro & in vivo carbon 14 acetate incorporation during development of insects. [Ceratitis capitata]. Municio, A M *Insect Biochem* 3 (9): 19-29. Ref. Mar 1973

070888 QL495.A1I57
Biochemical evolution in fire ant venoms. [Solenopsis]. Brand, J M *Insect Biochem* 3 (9): 45-51. Mar 1973

070889 QL495.A1I57
Effect of monophenolic amines on glycogen metabolism in nerve-cord of American cockroach, Periplaneta americana. Robertson, H A *Insect Biochem* 3 (9): 53-59. Ref. Mar 1973

070890 QL495.A1I57
Studies on squalene biosynthesis in Sarcophaga bullata larvae. Goodfellow, R D *Insect Biochem* 3 (9): 61-65. Ref. Mar 1973

070891 QL495.A1I57
Frontal gland of Schedorhinotermes putorius (Isoptera) soldier: analysis of chemistry & function. (Fre) Brule, G *Insect Biochem* 3 (9): 67-74. Ref. Mar 1973

070892 QL495.A1I57
Ecdysone-stimulated protein synthesis in ligated larvae. [Galleria mellonella]. Patel, N G *Insect Biochem* 3 (9): 75078. Ref. Mar 1973

070893 QL495.A1I57
Characterization & partial purification of a mannan-like polysaccharide in eggs of Locusta migratoria. Yamasaki, K *Insect Biochem* 3 (9): 79-90. Ref. Mar 1973

070894 QL495.A1I57
An RNA polymerase from Drosophila. [Melanogaster]. Natori, S *Insect Biochem* 3 (9): 91-102. Ref. Mar 1973

070895 SB599.I48
Contributions to study of peach twig borer ecology (Anarsia lineatella Zell.). (Rum) Lacob, M *Inst Cercet Pentru Prot Plant An* 8: 153-168. Ref. Eng. (Pub. 1972)

070896 SB599.I48
Influence of food quality on angoumois grain moth (Sitotroga cerealella Oliv.) growth & development under laboratory rearing. (Rum) Iacob, M *Inst Cercet Pentru Prot Plant An* 8: 201-212. Ref. Eng. Sum. (Pub. 1972)

070897 444.8 IN8
Radiosensitizing property of butylated hydroxytoluene in Drosophila sperm. Kamra, O P *Int J Radiat Biol* 23 (3): 295-297. Mar 1973

070898 464.9 P432
Supplementary studies on Yponomeuta of trees in Iran. (Fre) Radjabi, G *Iran Inst Rech Entomol Phytopathol Entomol Phytopathol Appl* 32: 1. Mar 1972

070899 381 J824
Deoxyribonucleic acid-dependent ribonucleic acid polymerase from Drosophila melanogaster embryos. Phillips, J P *J Biol Chem* 248 (1): 265-269. Ref. Jan 10, 1973

070900 444.8 Z3
Effects of corpora cardiaca on tethered flight in locust. [Locusta migratoria]. Goldsworthy, G J *J Comp Physiol* 82 (4): 339-346. Ref. 1973

070901 444.8 Z3
Role of delayed excitation in coordination of some metathoracic flight motoneurons of a locust. [Chortoicetes terminifera]. Burrows, M *J Comp Physiol* 83 (2): 135-164. Ref. 1973

070902 444.8 Z3
Morphology of an elevator & a depressor motoneuron of hindwing of a locust. [Chortoicetes terminifera]. Burrows, M *J Comp Physiol* 83 (2): 165-178. Ref. 1973

070903 410 J822
Maze learning & orientation in fire ant (Solenopsis saevissima). Stratton, L O *J Compar Physiol Psychol* 83 (1): 7-12. Ref. Apr 1973

070904 420 L84PB
Discovery of bot fly collection of Bracy Clark, with designation of lectotypes in Cuterebra. Sobrosky, C W *J Entomol, Ser B, Taxon* 41 (2): 89-96. Ref. Dec 1972

070905 QP1.J725
Structural & functional features of synaptic apparatus of insects. Mandel'shtam, IV E *J Evol Biochem Physiol* 8 (4): 350-358. Ref. July/Aug 1972 Trans. 1973

070906 442.8 B77
Water relations in an insect, Thermobia domestica. III. Effects of desiccation & rehydration on haemolymph. Okasha, A Y K *J Exp Biol* 58 (2): 385-400. Ref. Apr 1973

070907 442.8 B77
Effects of ambient temperature on warm-up in moth Hyalophora cecropia. Bartholomew, G A *J Exp Biol* 58 (2): 503-507. Apr 1973

070908 442.8 B77
Ion & water balance in ixodid tick Dermacentor andersoni. I. Routes of ion & water excretion. Kaufman, W R *J Exp Biol* 58 (2): 523-536. Ref. Apr 1973

070909 442.8 B77
Ion & water balance in ixodid tick Dermacentor andersoni. II. Mechanism & control of salivary secretion. Kaufman, W R *J Exp Biol* 58 (2): 537-547. Ref. Apr 1973

070910 442.8 B77
Ion & water balance in ixodid tick Dermacentor andersoni. III. Influence of monovalent ions & osmotic pressure on salivary secretion. Kaufman, W R *J Exp Biol* 58 (2): 549-564. Ref. Apr 1973

070911 QR360.A1J6
Nuclear polyhedrosis virus: A possible example of de novo intranuclear membrane morphogenesis. [Aedes sollicitans]. Stoltz, D B *J Gen Virol* 19 (1): 145-150. Ref. Apr 1973

070912 442.8 AM3
Genetics of rose, an allele of white locus in a mosquito. [Culex tritaeniorhynchus]. Baker, R H *J Hered* 64 (1): 19-23. Ref. Jan/Feb 1973

070913 442.8 AM3
Chromosome complement of Zaprionus multistriatus. Sciandra, R J *J Hered* 64 (1): 31-34. Ref. Jan/Feb 1973

070914 442.8 AM3
Additional data for linkage group X of German cockroach. [Blatella germanica]. Ross, M H *J Hered* 64 (1): 44-45. Jan/Feb 1973

070915 421 J825
Nitrogenous excretory materials from american cockroach. [Periplaneta americana]. Mullins, D E *J Insect Physiol* 19 (5): 1007-1018. Ref. May 1973

070916 421 J825
Role of gustation & olfaction in food plant discrimination in tobacco hornworm, Manduca sexta. Hanson, F E *J Insect Physiol* 19 (5): 1019-1034. Ref. May 1973

070917 421 J825
Neuroendocrine control of functioning of corpus allatum in Rhodnius proxlixus. (Fre) Baehr, J C *J Insect Physiol* 19 (5): 1041-1055. Ref. May 1973

070918 421 J825
Toxic effects of phenoloxidase from haemolymph of tenbrionid beetles. [Blaps sulcata]. Zlotkin, E *J Insect Physiol* 19 (5): 1057-1065. May 1973

070919 421 J825
Anisotropic cross-bands in peritrophic membranes of Diptera. Peters, W *J Insect Physiol* 19 (5): 1067-1077. Ref. May 1973

070920 421 J825
Development of mitochondrial & contractile components of flight muscle in adult tsetse flies, Glossina morsitans. Bursell, E *J Insect Physiol* 19 (5): 1079-1086. Ref. May 1973

070921 421 J825
Yolk deposition in Douglas-fir beetle oocytes: possible role of RNA synthesis in follicular epithelium. [Dendroctonus pseudotsuagae]. Sahota, T S *J Insect Physiol* 19 (5): 1087-1095. Ref. May 1973

070922 421 J825
Influence of diet composition on feeding & water excretion by tsetse fly, Glossina morsitans. Langley, P A *J Insect Physiol* 19 (5): 1097-1109. Ref. May 1973

070923 421 J825
Volatile cephalic substances of stingless bees, Trigona mexicana & Trigona pectoralis. Luby, J M *J Insect Physiol* 19 (5): 1111-1127. Ref. May 1973

070924 421 J825
Soluble acid phosphatases from posterior reproductive system of female housefly, Musca domestica. Terranova, A C *J Insect Physiol* 19 (5): 1129-1145. Ref. May 1973

070925 421 J825
Factors limiting response of females of Queensland fruit fly, Dacus tryoni, to sex pheromone of male. Fletcher, B S *J Insect Physiol* 19 (5): 1147-1155. Ref. May 1973

070926 421 J825
On evacuation of sperm from spermatophore of tick, Ornithodoros savignyi. Feldman-Muhsam, B *J Insect Physiol* 19 (5): 951-962. Ref. May 1973

070927 421 J825
Calcification in insects: dwelling-tube & midgut of machaerotid larvae (homoptera). Marshall, A T *J Insect Physiol* 19 (5): 963-972. Ref. May 1973

070928 421 J825
Volatile Dufour's gland components of harvester ants Pogonomyrmex rugosus & Pogonomyrmex barbatus. Regnier, F E *J Insect Physiol* 19 (5): 981-992. Ref. May 1973

070929 421 J825
Cuticle deposition in imaginal disks of three species of Lepidoptera: effects of ecdysones in vitro. Oberlander, H *J Insect Physiol* 19 (5): 993-998. Ref. May 1973

070930 421 J825
Effect of eye colour pigments on action spectrum of Drosophila. [Melanogaster]. Stark, W S *J Insect Physiol* 19 (5): 999-1006. Ref. May 1973

070931 421 J826
Mode of transmission of Tipula iridescent virus. I. Source of infection. [Tipula oleracea]. Carter, J B *J Invertebrate Pathol* 21 (2): 123-130. Ref. Mar 1973

070932 421 J826
Mode of transmission of Tipula iridescent virus. II. Route of infection. [Tipula oleracea]. Carter, J B *J Invertebrate Pathol* 21 (2): 136-143. Ref. Mar 1973

070933 421 J826
Giant cells produced by Telenomus remus (Hymenoptera: Scelionidae). Gerling, D *J Invertebrate Pathol* 21 (2): 164-171. Ref. Mar 1973

070934 421 J826
A mosquito parasite from a mosquito predator. [Coelomomyces macleayae, Toxorhynchites]. Nolan, R A *J Invertebrate Pathol* 21 (2): 172-175. Mar 1973

070935 421 J826
Factors influencing pathogenicity & development of Mattesia trogodermae infecting Trogoderma glabrum larvae. Schwalbe, C P *J Invertebrate Pathol* 21 (2): 176-182. Mar 1973

070936 421 J826
Food consumption by cabbage loopers infected with nuclear polyhedrosis virus. [Trichoplusia ni]. Harper, J D *J Invertebrate Pathol* 21 (2): 191-197. Ref. Mar 1973

070937 421 J826
Pathology of a nuclear polyhedrosis virus of alfalfa looper in alternate hosts. Vail, P V *J Invertebrate Pathol* 21 (2): 198-204. Ref. Mar 1973

070938 421 J826
Quantitative estimation of DNA in tissues of gamma-irradiated Galleria mellonella larvae infected by Tipula iridescent virus. Jafri, R H *J Invertebrate Pathol* 21 (2): 208-209. Mar 1973

070939 421 J828
Feeding of Simulium hargreavesi Gibbins larvae on Oedegonium algal filaments in Ghana. [Oedegonium inconspicuum, Oedegonium moniliforme]. Burton, G J *J Med Entomol* 10 (1): 101-106. Ref. Jan 31, 1973

070940 421 J828
Requirement for ribonucleic acid in a semi-synthetic larval diet for mosquito Culex pipiens. Dadd, R H *J Med Entomol* 10 (1): 47-52. Ref. Jan 31, 1973

070941 421 J828
Biochemical & physiological studies of certain ticks (ixodoidea). Cycle of nitrogenous excretion in Argas (Persicargas) arboreus Kaiser, Hoogstraal & Kohls (Argasidae). Hamdy, B H *J Med Entomol* 10 (1): 53-57. Ref. Jan 31, 1973

070942 421 J828
Age-composition of man-biting Aedes (Stegomyia) simpsoni (Theobald) (Diptera: Culicidae) in Bwamba County, Uganda. McCrae, A W R *J Med Entomol* 9 (6): 545-550. Dec 20, 1972

070943 448.8 J824
Cytogenetics of ticks (Acari: Ixodoidea). Ii. Chromosomes of Argas radiatus Railliet & Argas sanchezi Duges (Argasidae) with notes on spermatogenesis & hybridization. Homsher, P J *J Parasitol* 59 (2): 375-378. Ref. Apr 1973

070944 410.9 L84P
Embryonic development in two species of Chesias (Lepidoptera: Geometridae). Wall, C *J Zool* 169 (1): 65-84. Jan 1973

070945 99.8 N62
Emergence & behavior of pine moth, Dendrolimus spectabilis Butler (Lepidoptera: Lasiocampidae). (Jap) Kobayashi, K *Jap Forest Soc J* 55 (1): 21-28. Eng. Sum. Jan 1973

070946 QL951.E4
Activation of corpora allata in relation to ovarian maturation in seasonal forms of butterfly, Polygonia c-aureum L. Endo, K *Jap Soc Develop Biol Develop Growth & Differ* 14 (3): 263-274. Nov 1972

070947 442.8 K96
Neurosecretory system of purse web spider, Atypus karschi Doenitz. Yoshikura, M *Kumamoto J Sci Ser B Sect 2 Biol* 11 (1): 29-36. Nov 1972

070948 511 R442
Migration of black fly larvae (Simuliidae) during a hightened turbidity of water. [Simulium argyreatum, Odagmia ornala]. (Rus) Shternbergs, M T *Latv Psr Zinat Akad Vestis Izv* 1: 28-31. 1972

070949 18 L49
Problem of nitrogen reaching from soils. (Ger) Wistinghausen, E V *Lebendige Erde* 1: 13-16. Jan/Feb 1973

070950 421 L554
Life history of Isoparce cupressi (Sphingidae). Dominick, R B *Lepidopterists Soc J* 27 (1): 1-8. 1973

070951 421 L554
Notes on life histories & habits of some western Theclinae. Newcomer, E J *Lepidopterists Soc J* 27 (1): 13-15. 1973

070952 421 L554
Preliminary report on communal resting of Smyrna karwinskii adults (Nymphalidae). Muyshondt, A *Lepidopterists Soc J* 27 (1): 15-16. 1973

070953 421 L554
Habitat selection & population structure in Plebejus saepiolus Boisduval (Lycaenidae). Sharp, M A *Lepidopterists Soc J* 27 (1): 17-22. 1973

070954 421 L554
Foodplant ecology of butterfly Chlosyne lacinia (Geyer) (Nymphalidae). I. Larval foodplants. Neck, R W *Lepidopterists Soc J* 27 (1): 22-33. Ref. 1973

070955 421 L554
Genetics of fore & hindwing colour in crosses between Danaus chrysippus from Australia & from Sierra Leone (Danaidae). Clarke, C A *Lepidopterists Soc J* 27 (1): 73-77. 1973

070956 421 L554
Behavioral adaptations of cryptic moths. VI. Further experimental studies on bark-like species. [Catocala relicta]. Sargent, T D *Lepidopterists Soc J* 27 (1): 8-12. 1973

070957 421 L554
Some field notes on Isoparce cupressi Bvd. (Sphingidae). Buskirk, M D van *Lepidopterists Soc J* 27 (1): 83-84. 1973

070958 421 L554
Obituary, Alvah Peterson (1888-1972). [Entomologists]. Selman, C L *Lepidopterists Soc J* 27 (1): 87-88. 1973

070959 448.8 M469
Development of methods for registration & determination of criteria for evaluation of population density of Blattella germanica 1. (Rus) Artiukhina, I N *Med Parazitol Parazitarn Bolezni* 4: 472-477. Ref. Eng. Sum. July/Aug 1972

070960 448.8 M469
Virus-like formations in larvae of Aedes & Culex mosquitoes. (Rus) Lebedeva, O P *Med Parazitol Parazitarn Bolezni* 4: 490-492. Eng. Sum. July/Aug 1972

070961 448.8 M469
Sterilization of surface of mosquito larvae in connection with study of their internal microflora. (Rus) Mikhnovskaia, N D *Med Parazitol Parazitarn Bolezni* 4: 492-493. Eng. Sum. July/Aug 1972

070962 QK600.M5
Carbon & nitrogen nutrition of Beauveria tenella (Del.) Siem., a causal agent of mycosis in potato lady beetle. [Epilachna vigintioctomaculata]. (Rus) Klochko, M D *Mikol Fitol* 7 (1): 48-49. 1973

070963 448.3 K54
Bacterial flora of healthy individuals of Agrotis segetum Schiff. in stages of its development. (Ukr) Turchaninova, Z A *Mikrobiol Zhur* 34 (1): 119-120. Jan/Feb 1972

070964 448.3 K54
On problem of detecting viral infection in larvae of Aedes aegypti. (Ukr) Lebiedieva, O P *Mikrobiol Zhur* 34 (1): 70-73. Jan/Feb 1972

070965 448.3 K54
Effect of temperature on development of moth granulosis virus. (Ukr) Rezvatova, O I *Mikrobiol Zhur* 34 (1): 74-75. Jan/-Feb 1972

070966 442.8 Z34
Recovery, penetrance, & pleiotropy of X-linked, cold sensitive mutants in Drosophila. Wright, T R F *Mol Gen Genet* 122 (2): 101-118. Ref. 1973

070967 420 M922
Dechtiria nigrifasciata Wslm. (Lepidoptera, Nepticulidae) ;study of genitalia morphology & ecology. (Ger) Klimesch, J *Munich Entomol Ges Mitt* 62: 1-12. 1972

070968 443.8 M98
Chromosomal interchange in mature oocytes of Drosophila. [Melanogaster]. Parker, D R *Mutation Res* 16 (1): 49-58. Ref. Sept 1972

070969 420 N48J
Pupal color dimorphism & its environmental control in Papilio polyxenes asterius Stoll (Lepidoptera: Papilionidae). West, D A *N Y Entomol Soc J* 80 (4): 205-211. Ref. Dec 1972

070970 421 N11
Melanism of Melanargia galathea L. (Lepidoptera, Satyridae). (Ger) Witt, T *Nachrichtenbl Bayer Entomol* 21 (1): 1-2. Feb 15, 1972

070971 421 N11
Trapping Carabidae. (Ger) Schaeflein, H *Nachrichtenbl Bayer Entomol* 21 (1): 10-11. Feb 15, 1972

070972 421 N11
Notes concerning ecology of some thermophilic insects. [Carabus coriaceus, Anthaxia morio, Ampulex fasciata]. (Ger) Ressl, F *Nachrichtenbl Bayer Entomol* 21 (3): 61-63. June 15, 1972

070973 500 N21P
Neurophysiology of flight in wild-type & a mutant Drosophila. [Melanogaster]. Levine, J D *Nat Acad Sci Proc* 70 (4): 1050-1054. Ref. Apr 1973

070974 SF481.N3
Divergent two-trait selection in Tribolium. Bell, A E *Natl Breeders Roundtable Proc* 21Th: 106-135. 1972

070975 442.8 N22
Distribution & ecological stability of groupings of Acrididae in semi-desert alpine steppes of Altai region. (Rus) Bykasova, V M *Nauch Dokl Vyssh Shk, Biol Nauk* 1: 7-13. Ref. 1972

070976 442.8 N22
On presence of sex attractants in some species of Scarabaeidae (Coleoptera). (Rus) Ivashchenko, I I *Nauch Dokl Vyssh Shk, Biol Nauk* 9: 23-26. Ref. 1972

070977 421 N812
Life history distributions of geographically different populations of Ephestia cautella (Walker) (Lepidoptera, Phycitidae) in gradient environments. [Nigeria, Kenya]. Dicker, N A *Norsk Entomol Tidsskr* 19 (1): 11-15. Ref. 1972

070978 421 N812
Effect of physical & chemical stimuli on oviposition in Hylemya floralis (Fallen) (Diptera, Anthomyiidae). [Rutabagas]. Somme, L *Norsk Entomol Tidsskr* 19 (1): 19-24. Ref. 1972

070979 421 N812
Effect of temperature on development of Thomasiniana theobaldi Barnes (Diptera, Cecidomyidae). [Raspberries]. Stenseth, C *Norsk Entomol Tidsskr* 19 (1): 33-37. 1972

070980 421 N812
Changes in coleopterous fauna associated with maturational stages of fungus Geccinum testaceoscabrum (Secr.) Sing. (Boletaceae). Hagvar, E B *Norsk Entomol Tidsskr* 19 (1): 39-42. 1972

070981 421 N812
Tipula excisa Schum. (Diptera, Tipulidae), life cycle & population dynamics. Hofsvang, T *Norsk Entomol Tidsskr* 19 (1): 43-48. Ref. 1972

070982 421 N812
Oviposition & larval development of Hylemya floralis (Fallen) (Diptera, Anthomyiidae) on varieties of swedes & turnips. [Rutabagas]. Rygg, T *Norsk Entomol Tidsskr* 19 (1): 81-90. Ref. 1972

070983 421 N812
Quantitative invertebrate studies in mountain communities at Hardangervidda, south Norway. I. Solhoy, T *Norsk Entomol Tidsskr* 19 (1): 99-108. Ref. 1972

070984 421 N812
Number & size of drifting nymphs of Ephemeroptera, Chironomidae, & Simuliidae by day & night in River Stranda, western Norway. Steine, I *Norsk Entomol Tidsskr* 19 (2): 127-131. 1972

070985 421 N812
Overwintering of Pelophila borealis Payk. I. Survival rates & cold-hardiness. Ostbye, E *Norsk Entomol Tidsskr* 19 (2): 165-168. 1972

070986 421 N812
Night activity of black flies (Diptera, Simuliidae) in Norway. Raastad, J *Norsk Entomol Tidsskr* 19 (2): 172-173. 1972

070987 513 OB3
Two heterospecific colonies found in Japanese bumblebees, Bombus schrencki & Bombus pseudobaicalensis (Hymenoptera, Apidae). Sakagami, S F *Obihiro Zootech Univ Res Bull* (Ser. 1) 7 (4): 628-631. Jan 1973

070988 464.8 OC32
Insect nutrition. (Pol) Opyrchalowa, J *Ochrona Roslin* 16 (2): 9-11. (Continued) Feb 1972

070989 QL750.O3
Experimental studies of migration in bugs of genus Dysdercus. Dingle, H *Oecologia* 12 (2): 119-140. Ref. 1973

070990 QL750.O3
Experimental studies on respiratory rates of mites (Acari) from beech-woodland leaf litter. Wood, T G *Oecologia* 12 (2): 169-191. Ref. 1973

070991 57.8 OR32
Are spiders an asset to gardener? Frederickson, J *Org Gard Farming* 20 (5): 62-64. May 1973

070992 475 P174
Immature stages of Spilostethus pandurus militaris Fabricus (Heteroptera: Lygaeidae: Lygaeinae). Hamid, A *Pakistan J Sci Indus Res* 15 (3): 181-183. June 1972

070993 475 P174
Immature stages of mango fruit weevil, Sternochetus frigidus Fabricius (Coleoptera: Curculionidae). Rahman, L *Pakistan J Sci Indus Res* 15 (3): 188-190. June 1972

070994 421 P76
Studies on relationship of Tetranychus urticae Koch & host plants. I. Effect of plant species. Dabrowski, Z T *Pol Pismo Entomol* 42 (4): 821-855. Ref. 1972

070995 421 P76
Trichomalus perfectus (Walk.) (Hymenoptera, Pteromalidae) in forest biocoenosis & problem of biological protection of rape. [Ceutorhynchus assimillis, natural control]. (Pol) Szczepanski, H *Pol Pismo Entomol* 42 (4): 865-871. Ref. Eng. Sum. 1972

070996 421 P76
Methods of breeding of Collembola for laboratory purposes. (Pol) Szeptycki, A *Pol Pismo Entomol* 42 (4): 883-903. Ref. Eng. Sum. 1972

070997 421 P76
Studies on relationships of Tetranychus urticae Koch & host plants. II. Gustatory effect of some plant extracts. [Ginkgo biloba, tobacco, strawberries, kidney beans]. Dabrowski, Z T *Pol Pismo Entomol* 43 (1): 127-138. Ref. Mar 30, 1973

070998 421 P76
Soil entomofauna on inland & coastal dunes. [Coleoptera, Hymenoptera, Diptera]. (Pol) Burzynski, J *Pol Pismo Entomol* 43 (1): 139-153. Eng. Sum. Mar 30, 1973

070999 421 P76
Stadial differentiation in larvae of Dytiscidae (Coleoptera). Galewski, K *Pol Pismo Entomol* 43 (1): 15-25. Mar 30, 1973

071000 421 P76
Influence of forest on soil entomofauna of bordering meadow land. (Pol) Honczarenko, J *Pol Pismo Entomol* 43 (1): 155-180. Ref. Mar 30, 1973

071001 421 P76
Observations on parasites of pine sawflies Diprion pini L. & Gilpinia pallida Kl. (Hymenoptera, Tenthredinae). [Natural control]. (Pol) Koscielska, M K *Pol Pismo Entomol* 43 (1): 181-188. Ref. Eng. Sum. Mar 30, 1973

071002 421 P76
Effect of some environmental factors on changes of temperature & habitat conditions inside rearing containers in laboratory cultures of granary weevil, Sitophilus granarius L. (Coleoptera, Curculionidae). (Pol) Franek, M *Pol Pismo Entomol* 43 (1): 189-200. Eng. Sum. Mar 30, 1973

071003 SB950.A1P3
Fourteenth International Congress of Entomology, Cranberra, August 22-30, 1972. Haskell, P T *PAns Pest Artic News Summ* 19 (1): 140-147. Mar 1973

071004 410 Q3
Mosquitoes (Culicidae) in changing Australian environment. Marks, E N *Queensland Natur* 20 (4/6): 101-116. Ref. Dec 1972

071005 442.8 R11
A daily rhythm in radiosensitivity of Laspeyresia pomonella L. (Lepidoptera, Tortricidae). (Rus) Pristavko, V P *Radiobiologiia* 13 (2): 286-289. Ref. Eng. Sum. 1973

071006 420 K99
Mark-recapture estimates of overwintering survival of Queensland fruit fly, Dacus tryoni, in field cages. Sonleitner, F J *Res Population Ecol* 14 (2): 188-208. Ref. Mar 1973

071007 420 K99
A quantitative analysis of dispersal in a horse-fly, Tabanus iyoensis Shiraki & its application to estimate population size. Inoue, T *Res Population Ecol* 14 (2): 209-233. Map. Ref. Mar 1973

071008 442.8 R326
Genetic study of green coloring in larvae & pupae of Culex pipiens fatigans Wiedemann. (Por) Consoli, R B *Rev Brasil Biol* 32 (2): 147-150. Aug 1972

071009 442.8 R326
Practical methods for rearing of Phlebotomus in laboratory. (Por) Sherlock, I A *Rev Brasil Biol* 32 (2): 209-217. Ref. Eng. Sum. Aug 1972

071010 442.8 R326
Cytogenetics of Triatominae: Caryotype, DNA content, nuclear size & heteropyknosis of autosomes. Schreiber, G *Rev Brasil Biol* 32 (2): 255-263. Ref. Aug 1972

071011 442.8 R326
Notes on biology of Hylaeus cecidonastes Moure (Hymenoptera, Apoidea). (Por) Laroca, S *Rev Brasil Biol* 32 (2): 285-289. Eng. Sum. Aug 1972

071012 464.8 R322
Aspects of reproduction in alfalfa caterpiller Colias lesbia F.). (Spa) Catala, S S *Rev Invest Agr Ser 5 Patol Veg* 9 (1): 23-29. Eng. Sum. 1972

071013 410 R324
Fine structure & function of ventral intestinal diverticula in Aedes aegypti. (Ger) Hecker, H *Rev Suisse Zool* 79 (3): 1027-1031. Ref. Oct 1972

071014 410 R324
Effect of feed composition on digestive activities in Drosophila melanogaster larvae. (Ger) Hosbach, H A *Rev Suisse Zool* 79 (3): 1049-1060. Ref. Eng. Sum. Oct 1972

071015 410 R324
Interference & polarization microscopic studies on cornea of Cataglyphis bicolor (Formicidae, Hymenoptera). (Ger) Mondadori, C *Rev Suisse Zool* 79 (3): 1106-1113. Ref. Eng. Sum. Oct 1972

071016 410 R324
On ultrastructure of midgut epithelia of fleas (Insecta, Siphonaptera). [Xenopsylla cheopis, Echidnophaga gallinacea]. (Ger) Reinhardt, C *Rev Suisse Zool* 79 (3): 1130-1137. Ref. Oct 1972

071017 410 R324
On proteases of mosquito Culex pipiens. (Ger) Spiro-Kern, A *Rev Suisse Zool* 79 (3): 1151-1159. Ref. Eng. Sum. Oct 1972

071018 410 R324
Alterations in Crustacea-plankton ov Sempach lake between 1950 & 1970, especially in cyclopoids. (Ger) Grobe, D *Rev Suisse Zool* 79 (3): 999-1015. Ref. Oct 1972

071019 410 R326
Observations relative to royal cell of Macrotermus bellicosus Smeathson (Isoptera-Termitidae) Considerations on polyethism of workers of this species. (Fre) Ryn, R V *Rev Zool Bot Afr* 87 (1): 115-125. Ref. Mar 30, 1973

071020 410 R326
Hybridism & experimental genetics in termites (Isoptera). [Cubitermes]. (Fre) Bouillon, A *Rev Zool Bot Afr* 87 (1): 31-49. Ref. Mar 30, 1973

071021 SB599.R6
Biology of Ceuthorrhynchus assimilis Payk. [Winter rape, insect pests]. (Pol) Skrocki, C *Rocz Nauk Roln Pol Agric Annu Ser E Ochr Rosl* 2 (2): 7-20. Eng. Sum. 1972

071022 420 R81
Plant in life of an aphid. Kennedy, J S *Roy Entomol Soc London Symp* 6: 129-140. Ref. 1972

071023 420 R81
Insect & plant: progressive palaeoecological integration. Smart, J *Roy Entomol Soc London Symp* 6: 143-155. Ref. 1972

071024 420 R81
Deductions from present day host plants of aphids & related insects. Eastop, V F *Roy Entomol Soc London Symp* 6: 157-178. Ref. 1972

071025 420 R81
Host plants in population dynamics of insects. Emden, H F van *Roy Entomol Soc London Symp* 6: 181-199. Ref. 1972

071026 420 R81
Insect/plant relationship – an evolutionary perspective. Southwood, T R E *Roy Entomol Soc London Symp* 6: 3-30. Ref. 1972

071027 420 R81
Mutual regulation of growth & development in plants & insects. Osborne, D J *Roy Entomol Soc London Symp* 6: 33-42. Ref. 1972

071028 420 R81
Floral allurements for pollinating insects. Yeo, P F *Roy Entomol Soc London Symp* 6: 51-57. Ref. 1972

071029 420 R81
Secondary plant substances & warning colouration in insects. Rothschild, M *Roy Entomol Soc London Symp* 6: 59-83. Ref. 1972

071030 420 R81
Plant recognition by lepidopterous larvae. Schoonhoven, L M *Roy Entomol Soc London Symp* 6: 87-99. Ref. 1972

071031 420 L84
Mouth-parts & feeding methods of Brachystomella parvula (Schaeffer) (Collembola: Brachystomellidae). Adams, E C G *Roy Entomol Soc London Trans* 124 (3): 269-286. Ref. Dec 29, 1972

071032 514 AD3
Aerial dispersal of adult Cardiaspina densitexta (Homoptera: Psyllidae) in South Australia. White, T C R *Roy Soc S Australia Trans* 97 (1): 29-31. Feb 28, 1973

071033 420 SW6
Parasitism of Agriotes obscurus Linneaus (Coleoptera: Elateridae) by Hexamermis sp. (Nematoda: mermithidae). Doane, J F *Schweiz Entomol Ges Mitt* 45 (4): 299-300. Feb 28, 1973

071034 420 SW6
About Xenhyboma mystes Santschi. (Ger) Kutter, H *Schweiz Entomol Ges Mitt* 45 (4): 321-324. Feb 28, 1973

071035 420 SW6
Screen electron microscopic study of ticks. VI. Haemaphysalis punctata Canestrini & Fanzago, 1877. (Ger) Sixl, W *Schweiz Entomol Ges Mitt* 45 (4): 329-334. Feb 28, 1973

071036 S13.S55
Microflora of barley pest Oscinella pusilla. (Rus) Gritsenko, I N *Sib Vestn S-kh Nauk* 6: 55-62. Nov/Dec 1972

071037 420 F84B
Diapuase & superparasitism in Trichogramma evanescens Westwood (Hymenoptera Trichogrammatidae). (Fre) Bonnemaison, L *Soc Entomol France Bull* 77 (5/6): 122-132. Ref. May/June 1972

071038 9.2 SO4
New modifications of Malaise trap & its possibilities in collection of insects. (Por) Botelho, P S M *Solo* 64 (2): 21-26. Eng. Sum. Nov 1972

071039 QH431.A1G43
Distrubances of panmixis in natural populations of Drosophila funebris polymorphic with respect to ii-1 inversion. Borisov, A I *Sov Genet* 6 (5): 597-601. Ref. Translated Feb 1, 1973

071040 QH431.A1G43
Comparison of size of puffs of homologous loci of third chromosome in related species of 'virilis' group. [Drosophila]. Poluektova, E V *Sov Genet* 6 (5): 602-608. Ref. Translated Feb 1, 1973

071041 QH491.S66
Stability & variability of karyotype in continually cultivated sublines of Drosophila melanogaster embryonic cells. Kakpakov, V T *Sov J Develop Biol* 2 (3): 236-242. Ref. May/June 1971 Transl. 1972

071042 QH491.S66
Differential activity of homologous chromosome loci in ontogenesis. [Drosophila melanogaster]. Korochkin, L I *Sov J Develop Biol* 3 (1): 7-18. Jan/Feb 1972 Transl 1973

071043 410 SY8
Amino acid compositions of cytochrome C from four Hymenopteran species: evolutionary significance. Carlson, C W *Syst Zool* 22 (1): 77-83. Mar 1973

071044 65.9 F76R
Artificial diets for rearing Brachmia modicella Christoph. (Chi) Su, T H *Taiwan Sugar Exp Sta Rep* 57: 75-80. Eng. Sum. Sept 1972

071045 QL991.T4
Teratogenic effects of 5-bromodeoxyuridine on external morphology of Drosophila melanogaster. Gilbert, E F *Teratology* 7 (2): 205-208. Ref. Apr 1973

071046 41.9 T575Q
Effect of photoperiod on ovipositional patterns of Haemaphysalis longicornis & Ixodes persulcatus (Ixodoidea: Ixodidae). Fujisaki, K *Tokyo Nat Inst Anim Health Quart* 13 (1): 8-13. Ref. Spring 1973

071047 432 T59
Reproductive behaviour of Orthetrum albistylum speciosum & Orthetrum triangulare melania. (Libellulidae). (Jap) Arai, Y *Tombo* 15 (1): 13-17. Ref. Eng. Sum. Dec 31, 1972

071048 432 T59
From oviposition to emergence of Anax panybeus. (Jap) Obana, S *Tombo* 15 (1): 18-21. Eng. Sum. Dec 31, 1972

071049 432 T59
Larval period of Epitheca marginata Selys (Corduliidae). (Jap) Sonehara, I *Tombo* 15 (1): 23-25. Eng. Sum. Dec 31, 1972

071050 432 T59
A hybrid dragonfly bred from egg laid by Sympetrum pedemontanum elatum Selys. (Jap) Miyazaki, T *Tombo* 15 (1): 26-27. Eng. Sum. Dec 31, 1972

071051 505 T64
Study of localization of oviposition of Pissodes notatu s (Coleoptera, Curculionidae) on maritime pine in presence of Cronartium flaccidum (Basidiomycetes, Phragmobasidiomycetes, Uredinales, Cronartia (Fre) Alauzet, C *Toulouse Soc Hist Natur Bull* 108 (3/4): 341-348. Ref. 1972 (Pub. Feb 28, 1973)

071052 505 T64
Observations on post embryonic development & reproduction of Phosphuga atrata L. (Coleoptera, Silphidae). (Fre) Suzzoni, J P *Toulouse Soc Hist Natur Bull* 108 (3/4): 357-364. 1972 (Pub. Feb 28, 1973)

071053 505 T64
Proof of a stage of facultative rest in development of Pissodes notatus (F.) (Coleoptera Curculionidae) in nature. (Fre) Alauzet, C *Toulouse Soc Hist Natur Bull* 108 (3/4): 514-519. 1972 (Pub. Feb 28, 1973)

071054 391.8 T66
Absence of nerve growth factor in venoms of bees, scorpions, spiders & toads. Pearce, F L *Toxicon* 11 (3): 309-310. Apr 1973

071055 26 T754
Note on use of flies for onion pollination under arid conditions in Nigeria. Green, J H *Trop Agr (st Augustine)* K0 (2): 165-167. Apr 1973

071056 QH573.T75
Malate dehydrogenase of Drosophila melanogaster Mg. (Rus) Belokon', E M *Tsitol Genet* 7 (1): 13-16. Eng. Sum. Jan/-Feb 1973

071057 A281.9 AG8
Methods for large-scale rearing of tobacco budworm. [Heliothis virescens]. Raulston, J R *U S D A Prod Res Rep* 145, 10 P. Ref. Oct 1972

071058 442.9 L542V
On choosing a color for medium of egg laying of Drosophila melanogaster. (Rus) Alekseevich, L A *Vestn Leningr Univ, Biol* 3: 110-117. Ref. Eng. Sum. 1973

071059 442.9 L542V
Comparative study of mutability of individuals of different sexes. II. Nondivergence of chromosomes with effect of N-nitroso-nMethylurea. [Drosophila melanogaster]. (Rus) Vatti, K V *Vestn Leningr Univ, Biol* 3: 118-125. Ref. Eng. Sum. 1973

071060 442.9 L542V
Influence of photoperiodism of development cycle of social wasp Polistes gallicus L. (Hymenoptera, Vespidae). (Rus) Grinfel'd, E K *Vestn Leningr Univ, Biol* 4: 148-151. Ref. Eng. Sum. Nov 1972

071061 442.9 L542V
Dependence of chronaxia of neuro-muscular system in lepidopterous larvae on photoperiodic conditions of their rearing. [Dendrolimus pini, Barathra brassicae]. (Rus) Makhanta, Kh Ch *Vestn Leningr Univ, Biol* 4: 39-42. Eng. Sum. Nov 1972

071062 20 AK16
Some aspects on biology of Mamestra brassicae. (Rus) Ivannikov, A I *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 106-107. Feb 1973

071063 442.8 M66
Relationship between rate of mutation process in Drosophila & frequency of electromagnetic fields within range of 1-600 Mhz. (Bel) Hancharova, R I *Vestsi Akad Navuk BSSR, Ser Biial Navuk* 1: 75-78. 1973

071064 442.8 M66
Effect of benzimidazole & certain derivatives on frequency of occurence of lethal mutations in Drosophila melanogaster. (Rus) Goncharova, R I *Vestsi Akad Navuk BSSR, Ser Biial Navuk* 6: 118-120. 1972

071065 41.8 V6463
Diagnosing intoxications in honeybees. [Apis mellifera]. (Bul) Tomov, A *Vet Sbirka* 69 (5): 43-44. 1972

071066 448.8 V81
Entry of an insect poxvirus by fusion of virus envelope with host cell membrane [Amsacta moorei, estigmene acrea]. Granados, R R *Virology* 52 (1): 305-309. Ref. Mar 1973

071067 448.8 V81
Biochemical & biophysical properties of two strains of mosquito iridescent virus. [Aedes taeniorhynchus]. Wagner, G W *Virology* 52 (1): 72-80. Ref. Mar 1973

071068 105.2 W122
Effect of initial linkage disequilibrium & natural selection in pooled populations. Experiments with Tricolium & simulation. Stam, P *Wageningen Landbouwhogesch Mededel* 24, 62 P. Ref. 1972

071069 442.8 Z33D
Differentiation capacities of dorsal metathoracic (haltere) disc of Drosophila melanogaster. I. Normal ortan map. Ouweneel, W J *Wilhelm Roux' Arch Entwicklungsmech Organismen* 172 (2): 149-161. Ref. 1973

071070 442.8 Z33D
Properties of lactate dehydrogenase (LDH) during embryogenesis of Acheta domesticus L. (Ger) Hansen-Delkeskamp, E *Wilhelm Roux' Arch Entwicklungsmech Organismen* 172 (2): 162-165. Eng. Sum. 1973

071071 442.8 Z33D
Ecdysone induction of puffing activity in salivary glands of Drosophila melanogaster grown in adult abdomens. Ashburner, M *Wilhelm Roux' Arch Entwicklungsmech Organismen* 172 (2): 166-170. Ref. 1973

071072 449.9 W892B
Mating, blood feeding, & oviposition of Simulium damnosum Theobald in laboratory. Wenk, P *World Health Organ Bull* 47 (5): 627-634. Ref. 1972

071073 449.9 W892B
A device for self-marking of mosquitos. Singh, N *World Health Organ Bull* 47 (5): 677-679. 1972

071074 421 Z36
Professor Dr. Erwin Schimitschek 75 years old. [Entomologists]. (Ger) Schwenke, W *Z Angew Entomol* 73 (1): 112. Apr 1973

071075 421 Z36
Studies on spermatogenesis in Dacus oleae Gmel. (Diptera, Tephritidae). (Fre) Fytizas, E *Z Angew Entomol* 73 (1): 74-82. Eng. Sum. Apr 1973

071076 449.8 Z36
Effect of different laboratory breeding conditions on oviposition & longevity of Apion virens Herbst (Coleoptera, Curculionidae). (Ger) Stein, W *Z Angew Zool* 59 (4): 353-360. Eng. Sum. 1972

071077 449.8 Z36
Determination of toxic dose & level of some antibiotics in body lous (Pediculus humanus corporis L.). Becla, E *Z Angew Zool* 59 (4): 377-382. 1972

071078 449.8 Z36
Contribution to morphology of genital organs of aphids (Homoptera, Aphidoidea). 2. Morphology of male of Macrosiphoniella usquertensis H. R. L. (Ger) Sobhani, P *Z Angew Zool* 59 (4): 447-461. Eng. Sum. 1972

071079 442.8 Z33F
Cellular reactions caused by subulurid & spirurid nematodes in Locusta migratoria (Orthoptera): capsule localization & structure. (Fre) Seureau, C *Z Parasitenk* 41 (2): 119-138. Ref. Eng. Sum. 1973

071080 442.8 Z33F
Digestive enzymes in 'hard ticks' (Ixodoides, Ixodidae). I. Proteolytic enzyme activity in gut of Hyalomma excavatum female ticks. Bogin, E *Z Parasitenk* 41 (2): 139-146. Ref. 1973

071081 442.8 Z33F
On ecology of a German strain of Rhipicephalus sanguineus (Latreille, 1806). (Ger) Gothe, R *Z Parasitenk* 41 (2): 157-172. Ref. Eng. Sum. 1973

071082 464.8 Z1
Reproduction of Ooencyrtus kuwanae Howard (Hymenopters, Encyrtidae) in gypsy moth eggs killed with radiation. [Porthetria dispar, Biological control]. (Cro) Bjegovic, P *Zastita Bilja* 23 (117/118): 3-6. Eng. Sum. 1972

071083 464.8 Z1
Influence of different photoperiods on development of two predatory bugs, Podisus placidus Uhl. & Podisus maculiventris Say. (Hemiptera: Pentatomidae). (Cro) Warren, L O *Zastita Bilja* 23 (117/118): 7-10. Eng. Sum. 1972

071084 QR1.Z4
Fungi from fungus gardens of Atta insularis in Cuba. (Ger) Kreisel, H *Zeitsch Allg Mikrobiol* 12 (8): 643-654. Ref. Eng. Sum. 1972

071085 409.6 Z6
In memory of Oldrich Sustera. [Entomologists]. (Cze) Lusk, S *Ziva* 20 (4): 142-143. 1972

071086 410 Z7
Crossing of two social parasitic species, Doronomyrmex pacis Kutter & Leptothorax kutteri Buschinger (Hymenoptera, Formicidae). (Ger) Buschinger, A *Zool Anz* 189 (3/4): 169-179. Ref. Eng. Sum. Sept/Oct 1972

071087 410 Z7
Acoustic ststus of species Homorocoryphus nitidulus nitidulus Scopoli (Tettigonioidea, Orthoptera) in Southern Europe. Bailey, W J *Zool Anz* 189 (3/4): 181-190. Ref. Sept/Oct 1972

071088 410 Z7
An investigation of free amino acids in haemolymph of Arachnida. Sundara Rajulu, G *Zool Anz* 189 (3/4): 222-223. Ref. Sept/Oct 1972

071089 410 Z7
Water mites in mantle cavity of freshwater snails. (Ger) Bottger, K *Zool Anz* 189 (3/4): 233-235. Sept/Oct 1972

071090 410 Z753
Studies in situ on neurosecretory system of Sphaerodema rusticum Fabr. (Heteroptera: Belostomatidae). Awasthi, V B *Zool Beitr* (New Ser.)19: 151-156. Ref. 1973

071091 410 Z753
Studies on nature of excretory material of Aulacophora foveicollis Lucas, red pumpkin beetle (Coleoptera: Chrysomelidae). IV. Rate of passage of food. Kumar, K *Zool Beitr* (New Ser.)19: 53-57. Ref. 1973

071092 410 Z753
Studies on alimentary canal of Odoiporus longicollis (Olivier) (Coleoptera: Curculionidae). IV. Rate of passage of food. Kumar, K *Zool Beitr* (New Ser.)19: 53-57. Ref. 1973

071093 410 Z753
A note on pigment chlorophyll excreted by Aulacophora foveicollis Lucas (Coleoptera: Chrysomelidae). Singh, J P *Zool Beitr* (New Ser.)19: 59-61. 1973

071094 410 Z753
Giant fibres in ventral nervous system of centipede Scolopendra morsitans Linn. Varma, L *Zool Beitr* (New Ser.)19: 63-71. Ref. 1973

071095 410 Z753
Feed behaviour of Scolopendra morsitans Linn. Shukla, G S *Zool Beitr* (New Ser.)19: 73-74. 1973

071096 410 Z753
An analytical study of neuro-endocrine system of Anacanthotermis macrocephalus (Isoptera: Termitidae). Awasthi, V B *Zool Beitr* (New Ser.)19: 75-81. Ref. 1973

071097 410 Z753
Studies on food preference of Mylabris pustulata Thunb. (Coleoptera: Meloidae). Shukla, G S *Zool Beitr* (New Serv.) 19: 9-12. 1973

071098 410 Z751S
Investigations on anatomy, morphology, & histology of seasonal forms of Aleurochiton complanatus (Baerensprung) (Homoptera, Aleyrodina) with special references to dormancy development. (Ger) Bahrmann, R *Zool Jahrb Abt Syst Okol Geogr Tiere* 100 (1): 107-169. Ref. Eng. Sum. 1973

071099 410 Z751S
Investigations on effects of changed photoperiods on production of infection forms of a-symbiotes in Sten-. (Ger) Muller, J *Zool Jahrb Abt Syst Okol Geogr Tiere* 100 (1): 170-182. Ref. Eng. Sum. 1973

071100 410 R92
Diurnal rhythm of egg laying, hatching of larvae & emergence of butterflies of cabbage moth (Barathra brassicae) in nature & in laboratory. (Rus) Abdinbekova, A A *Zool Zh* 52 (1): 143-146. Eng. Sum. Jan 1973

071101 410 R92
A new additional host of Anastatus disparis (Hymenoptera, Eupelmidae), egg parasite of Porthetria dispar. (Rus) Moravskaia, A S *Zool Zh* 52 (1): 147-150. Ref. Jan 1973

071102 410 R92
Morphology of larvae of some xylobiont staphylinids (Coleoptera, Staphylinidae). [Siagonium vittatDm, Medon laticeps, Tachinus bipustulatus]. (Rus) Potoskaia, V A *Zool Zh* 52 (1): 54-63. Eng. Sum. Jan 1973

071103 410 R92
Geographic races of Chilocorus bipustulatus (Coleoptera, coccinellidae). 2. Commonness of mechanism of photoperiodic control of development in different geographic populations. (Rus) Zaslavskii, V A *Zool Zh* 52 (1): 64-68. Eng. Sum. Jan 1973

071104 410 R92
Seasonal rhythm of feeding activity in millipedes Amblyiulus continentalis & Schizophyllum caspium (Diplopoda) in Lenkoran' region of Azerbaijan. (Rus) Striganova, B R *Zool Zh* 52 (3): 372-378. Ref. Eng. Sum. Mar 1973

071105 410 R92
Morpho-ecological characterisitics of digestive system in Collembola with chewing mouth parts. (Rus) Semenova, L M *Zool Zh* 52 (3): 379-383. Eng. Sum. Mar 1973

071106 410 R92
Some peculiarities of parasitism in Muscidifurax raptor (Hymenoptera, Pteromalidae). [Musca domestica vicina]. (Rus) Kochetova, N I *Zool Zh* 52 (3): 384-389. Eng. Sum. Mar 1973

071107 410 R92
Phenology of Agrotis ypsilon & Barathra brassicae in Azerbaijan. (Rus) Akhmedov, R M *Zool Zh* 52 (3): 451-454. Ref. Eng. Sum. Mar 1973

071108 410 R92
Thermoregulation in nests of Lasius fuliginosus. (Rus) Kravchenko, M A *Zool Zh* 52 (3): 454-457. Ref. Eng. Sum. Mar 1973

071109 410 R92
Larvae & pupae of robber flies from genus Laphystia Lw. (Diptera, Asilidae). (Rus) Krivosheina, N P *Zool Zh* 52 (3): 457-459. Eng. Sum. Mar 1973

TAXONOMIC ENTOMOLOGY

071110 500 P53
Immature stages of Paramerina smithae (Sublette) (Diptera: Chironomidae: Tanypodinae). Roback, S S *Acad Natur Sci Phila Proc* 124: 11-15. Nov 24, 1972

071111 500 P53
Taxonomic & faunistic comments on decticine katydids with description of several new species (Orthoptera: Tettigoniidae: Decticinae). Rentz, D C *Acad Natur Sci Phila Proc* 124: 41-77. Ref. Nov 24, 1972

071112 512 W262
A new species of genus Henosepilachna Li from New Guinea (Coleoptera: Coccinellidae). [Henosepilachna stanleyi]. (Ger) Bielawski, R *Acad Polon Sci Bull Ser Sci Biol* 20 (9): 657-659. Eng. Sum. 1972

071113 512 W262
Note on some Palearctic species of Rhithrogena Eaton (Ephemeroptera, Heptageniidae). (Fre) Sowa, R *Acad Polon Sci Bull Ser Sci Biol* 21 (1): 21-26. Eng. Sum. 1973

071114 512 W262
Chironomidae (Diptera) form Caucasus: Diamesa Waltl group steinboecki. Kownacki, A *Acad Polon Sci Bull Ser Sci Biol* 21 (1): 27-37. 1973

071115 512 W262
On genus Molopopterus Jac (Auchenorrhyncha, Cicadellidae, Typhlocybinae). Dworakowska, I *Acad Polon Sci Bull Ser Sci Biol* 21 (1): 39-47. 1973

071116 512 W262
Baguoidea rufa (Mel.) & some other Empoascini (Auchenorrhyncha, Cicadellidae). [Empoasca]. Dworakowska, I *Acad Polon Sci Bull Ser Sci Biol* 21 (1): 49-58. 1973

071117 512 W262
Studies on family Brachychthoniidae (Acari, Orbatei). II. Notes concerning evolution of genera. Niedbala, W *Acad Polon Sci Bull Ser Sci Biol* 21 (1): 59-64. 1973

071118 505 P21 (3)
On existence of a coastal interstitial fauna in Kerguelen Archipelago (Austral Lands & French Antarctic). [Nematodes, mites]. (Fre) Bovee, F de *Acad Sci (paris) C R Ser D* 276 (6): 1041-1044. Ref. Feb 5, 1973

071119 434.8 AC1
A new South African microzetid genus, Afrozetes (Microzetidae : Oribatei). Engelbrecht, C M *Acarologia* 14 (3): 484-496. Dec 1972

071120 420 C33
European species of Platypalpus albiseta-group (Deptera, Empididae). Chvala, M *Acta Entomol Bohemoslov* 70 (2): 117-136. Ref. 1973

071121 420 C33
Two new species of genus Meoneura Rondani (Diptera, Milichiidae) from Czechoslovakia. Gregor, F *Acta Entomol Bohemoslov* 70 (2): 137-141. Ref. 1973

071122 420 C33
Problems of taxonomy & ecology of gall midges (Diptera, Cecidomyiidae). Skuhrava, M *Acta Entomol Bohemoslov* 70 (2): 65-73. Ref. 1973

071123 420 C33
Dryops rudolfi sp.n. & its larvae (Coleoptera, Dryopidae). (Ger) Rusek, J *Acta Entomol Bohemoslov* 70 (2): 86-97. 1973

071124 420 C33
Turcopalpa glaseri gen.n., sp.n. & taxonomy of some species of genus Scrobipalpa Janse (Lepidoptera, Gelechiidae) from Turkey. (Ger) Povolny, D *Acta Entomol Bohemoslov* 70 (2): 98-116. Ref. 1973

071125 410 AC86
Mites of genus Holoparasitus Oudemans, 1936 (Acarina, Parasitidae). Witalinski, W *Acta Zool Cracov* 17 (9): 217-237. June 30, 1971

071126 442.9 AK18
On fauna of Lauxaniidae (Diptera) of Soviet Baltic Republics. (Rus) Remm, E *Akad Nauk Est Ssr Izv Ser Biol* 21 (2): 117-129. Map. Ref. Eng. Sum. 1972

071127 442.9 AK18
Revision of collection of G. Flor. II. Homopetera: Cicadinea: Cicadelloidea. Vilbaste, J *Akad Nauk Est Ssr Izv Ser Biol* 22 (2): 15-28. Map. 1973

071128 500 N483N
A revision of North American species of genus Pseudoboarmia (Lepidopter, Ggeometridae). Rindge, F H *Amer Mus Nov* 2514, 27 P. Ref. Apr 4, 1973

071129 500 N483N
Revision of Rhinastus & description of a new species of Cholus [mimus] (Coleoptera, Curculionidae, Cholinae). Vaurie, P *Amer Mus Nov* 2517, 17 P. Ref. Apr 11, 1973

071130 500 N483N
Description of a new genus of cave Thysanuran from Texas (Nicoletiidae, Thysanura, Insecta). [Texoreddellia]. Wygodzinsky, P *Amer Mus Nov* 2518, 8 P. Apr 11, 1973

071131 100 AR42
A guide to ticks of Arkansas. Lancaster, J L *Ark Agr Exp Sta Bull* 779, 39 P. Ref. Feb 1973

071132 QL461.A7
A revision of Trachystreptinae (Diplopoda) of southern Africa. Lawrence, R F *Arnoldia (rhod)* 6 (4): 1-6. Jan 19, 1973

071133 QL461.A7
A new species of Tanocyyx [pinheyi] from Rhodesia Lepidoptera, Noctuidae, Amphipyrinae. (Fre) Viette, P *Arnoldia (rhod)* 7 (6): 1-3. Mar 8, 1973

071134 410 AR6
A review of genus Trichodura Macquart (Diptera tachnidae). Guimaraes, J H *Arq Zool Estad Sao Paulo* 22 (1): 1-25. Map. Ref. 1972

071135 410 AR6
A revision of genus Winthemia Robineau-Desvoidy in America north of Mexico (Diptera, Tachinidae). Guimaraes, J H *Arq Zool Estad Sao Paulo* 22 (2): 27-112. Ref. 1972

071136 410 AR6
A collection of Psocidae (Psocoptera) from central Brazil. New, T R *Arq Zool Estad Sao Paulo* 22 (4): 193-237. Ref. July 31, 1972

071137 410 AR6
Studies of world gyponinae (Homoptera, Cicadellidae). genus Polana. Delong, D M *Arq Zool Estad Sao Paulo* 22 (5): 239-324. Nov 30, 1972

071138 422.9 B54
Diptera: Tipulidae. Alexander, C P *Bernice P Bishop Mus Insects Micronesia* 12 (8): 729-863. Map. Ref. 1972

071139 422.9 B54
Insects of Micronesia, Mantodea. Beier, M *Bernice P Bishop Mus Insects Micronesia* 5 (2): 173-175. 1972

071140 422.9 B54
Dermaptera. Brindle, A *Bernice P Bishop Mus Insects Micronesia* 56 (2): 97-171. 1972

071141 422.9 B54
Anoplura, supplement. Wilson, N *Bernice P Bishop Mus Insects Micronesia* 8 (4): 145-148. 1972

071142 422.9 B54
Psocoptera. Thornton, I W B *Bernice P Bishop Mus Insects Micronesia* 8 (4): 45-144. Ref. 1972

071143 SD1.B71
Contribution for study of longicorn fauna of National Park of Itatiaia (Coleoptera, Cerambycidae). (Por) Zajciew, D *Bras Florestal* 3 (12): 40-72. Ref. Oct/Dec 1972

071144 414.9 R86B
Lauterborniella agrayloides Kieff. (Diptera, Chironomidae), a new species for Romania's fauna. (Rum) Cure, V *Bucharest Inst Cercet Proiectari Piscicole Bul* 31 (1/2): 39-43. Ref. Eng. Sum. Jan/June 1972

071145 420 C12
Micropezidae of California (Diptera). Merritt, R W *Calif Insect Surv Bull* 14, 28 P. Maps. Ref. 1973

071146 500 C125E
Cerambycidae of North America. Part vi, No. 1. Taxonomy & classification of subfamily Lepturinae. Linsley, E G *Calif Univ Publ Entomol* 69, 138 P. Maps. 1972

071147 421 C16
Identity of Leucopis argenticollis & description of a new species (Diptera: Chamaemyiidae). [Leucopis conciliata]. McAlpine, J F *Can Entomol* 104 (12): 1865-1875. Dec 1972

071148 421 C16
Species of Dichrooscytus found in Canada, with descriptions of four new species (Heteroptera: Miridae). Kelton, L A *Can Entomol* 104 (7): 1033-1049. Ref. July 1972

071149 421 C16
A supposedly cosmopolitan insect: celery webworm & allies, genus Nomophila Hubner (Lepidoptera: Pyralidae: Pyraustinae). Munroe, E *Can Entomol* 105 (2): 177-216. Ref. Feb 1973

071150 421 C16
Taxonomic notes on aphids from Nepal & India with descriptions of a new genus & two new species (Homoptera: Aphididae). [Taoia exotica, Callaphis nepalensis]. Quednau, F W *Can Entomol* 105 (2): 217-230. Feb 1973

071151 421 C16
A new species of Baetis [bundyi] (Ephemeroptera) from ponds in Canadian arctic, with biological notes. Lehmkuhl, D M *Can Entomol* 105 (2): 343-346. Feb 1973

071152 421 C16
A key to all stages of Aedes nigripes & Aedes impiger (Diptera: Culicidae) with a description of first-instar larvae & pupae. Danks, H V *Can Entomol* 105 (3): 367-376. Ref. Mar 1973

071153 421 C16
Rheumaptera of North America (Lepidoptera: geometridae). McGuffin, W C *Can Entomol* 105 (3): 383-398. Map. Ref. Mar 1973

071154 421 C16
Immature stages of alderfly, Sialis cornuta (Megaloptera: Sialidae). Leischner, T G *Can Entomol* 105 (3): 411-418. Mar 1973

071155 421 C16
Notes on Pteronemobius & a new genus of tribe Pteronemobiini (Orpthoptera: Gryllidae: Nemobiinae). [Dianemobius]. Vickery, V R *Can Entomol* 105 (3): 419-424. Ref. Mar 1973

071156 421 C16
A synopsis of albipennis-lillooet-delcarata series of genus Euxoa (Lepidoptera: Noctuidae) with descriptions of a new species & a new subspecies. Hardwick, D F *Can Entomol* 105 (3): 493-500. Ref. Mar 1973

071157 421 C16
Species separation in delcarata group of genus Euxoa, a computer analysis based on structural characters. Hardwick, D F *Can Entomol* 105 (3): 501-508. Map. Mar 1973

071158 421 C16
Present status of Ephemerella uenoi (Ephemeroptera: Ephemerellidae). Allen, R K *Can Entomol* 105 (3): 527. Mar 1973

071159 510 T75
New bug species for CSSR fauna & observations on locations of bugs in north Moravia (Heteroptera, Pentatomomorpha Leston, Penderdrast, Southwood, 1954). (Cze) Dobsik, B *Cas Slezakeho Muz Ser A Sci Natur* 21 (2): 117-120. Map. Ref. 1972

071160 410.9 C33
Five new species of Protura form Brazil. Nosek, J *Cesk Spolecnosti Zool Vestnik* 37 (1): 27-36. 1973

071161 410.9 C33
Lepionysius ashlocki sp.n. from NS. Wales: A second species of Lepionysiini (Heteroptera: Ltgaeidae: Orsillinae). Stys, P *Cesk Spolecnosti Zool Vestnik* 37 (1): 65-70. 1973

071162 464.9 C47
Two new species of mite family Phytoseiidae (acarina: Mesostigmata) from Taiwan. [Amblyscius subtropicus, Okiseius forosanus]. Tjying, I S *Chunghua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (1): 1-7. Ref. Mar 1972

071163 464.9 C47
A new cheyetid mite Hemicheyletia arecana n. sp. from Taiwan (Acarina: Prostigmata). Tjying, I S *Chung-hua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (1): 8-10. Mar 1972

071164 442.9 C62
New species of Geophilomorpha in fauna of Romania. [Schendyla mediterranea, Geophilus promontorii]. (Rum) Darabantu, C *Cluj Univ Babes-bolyai Stud Ser Biol* 17 (2): 91-96. 1972

071165 512 SO2
A new Hydroptila [bureschi] species from Bulgaria (Trichoptera, Hydroptilidae). (Ger) Kumanski, K P *Dokl Bolg Akad Nauk* 25 (9): 1261-1263. 1972

071166 410 EC7
Demography of gregariously roosting populations of nymphaline butterfly Marpesia berania in Costa Rica. Benson, W W *Ecology* 54 (2): 326-335. Ref. Early Spring 1973

071167 421 H17
Termites of Turkey. (Ger) Weidner, H *Entomol Mitt Zool Mus Hamb* 4 (79): 287-296. Map. Ref. Nov 20, 1972

071168 421 H17
A new finding of Troglophilus escalerai I. Bolivar, 1899 (Saltatoria, Rhaphidophoridae). [Turkey]. (Ger) Weidner, H *Entomol Mitt Zool Mus Hamb* 4 (79): 297-298. Nov 20, 1972

071169 421 H17
A new Rhithrogena from southeastern Europe (Insecta, Phemeroptera). (Ger) Puthz, V *Entomol Mitt Zool Mus Hamb* 4 (79): 303-307. Ref. Nov 20, 1972

071170 421 H17
North American Stenus species of subgenus Hypostenus Rey (Coleoptera, Staphylinidae). 132. Contribution to study of Steninae. (Ger) Puthz, V *Entomol Mitt Zool Mus Hamb* 4 (79): 308-318. Nov 20, 1972

071171 421 EN88
A new species of Atypus [snetsingeri] [Araneae: Atypidae) from Pennsylvania. Sarno, P A *Entomol News (philadelphia)* 84 (2): 37-51. Feb 1973

071172 421 EN88
New Hampshire, Vermont, & Southern Maine insect list. I. Background & procedure; preliminary listing. Gray, R E *Entomol News (philadelphia)* 84 (2): 63-67. Feb 1973

071173 421 EN89
Montenegro, July 1972. [Lepidoptera, collecting]. Bretherton, R F *Entomol Rec J Variation* 85 (1): 1-12. Map. Ref. Jan 1973

071174 421 EN89
Agrilus biguttalus F. (Coleoptera, Buprestidae) at Windsor; with some account of its history in Britain. Allen, A A *Entomol Rec J Variation* 85 (1): 12-14. Jan 1973

071175 421 EN89
Observations on British butterflies in 1971. Luckens, C J *Entomol Rec J Variation* 85 (1): 18-21. Jan 1973

071176 421 EN89
Callicera spinolae Rondani: extended range. [Great Britain]. Hammond, C O *Entomol Rec J Variation* 85 (1): 22-24. Jan 1973

071177 421 EN89
Middle Atlas: a further visit, May-June 1972. [Lepidoptera, collecting]. Worms, C G M de *Entomol Rec J Variation* 85 (1): 24-26. Jan 1973

071178 421 EN89
An entomologist in Radnorshire, 1971. Evans, L K *Entomol Rec J Variation* 85 (2/3): 33-40. Feb/Mar 1973

071179 421 EN89
A holiday in or near western Alps in June-July 1971, with notes on Lepidoptera. Wiltshire, E P *Entomol Rec J Variation* 85 (2/3): 41-47. Feb/Mar 1973

071180 421 EN89
Isogenus nubecula Newman in Flintshire (Plecoptera, Perlodidae). Brindle, A *Entomol Rec J Variation* 85 (2/3): 50-53. Feb/Mar 1973

071181 421 EN89
Notes on southern African Rhopalocera (Lepidoptera). Kroon, D M *Entomol Rec J Variation* 85 (2/3): 57-61. Feb/Mar 1973

071182 421 EN89
New records of Microlepidoptera for county of Somerset. Emmet, A M *Entomol Rec J Variation* 85 (2/3): 62-65. Feb/Mar 1973

071183 QL461.E59
New contribution to literature on tenebrionids of Afghanistan (Coleoptera). (Ger) Kaszab, Z *Entomol Scand* 4 (1): 35-58. 1973

071184 QL461.E59
A revision of C. G. Thomson species of Apanteles Forest. (Hymenoptera Braconidae: Microgasterinae). Papp, J *Entomol Scand* 4 (1): 59-64. Ref. 1973

071185 QL461.E59
Revision of European species of genus Dichrogaster Doumerc (Hymenoptera, Ichneumonidae). (Ger) Horstmann, K *Entomol Scand* 4 (1): 65-72. Ref. 1973

071186 421 EN85
Psychidaeofauna of Yugoslavian Macedonia. (Ger) Retzlaff, H *Entomol Z* 82 (7): 77-80. Apr 1, 1973

071187 421 EN85
Contribution to study of family Coleophoridae. VIII. (Lepidoptera). (Ger) Capuse, I *Entomol Z* 83 (1/2): 11-12. Jan 15, 1973

071188 421 EN85
Eupithecia orphnata in Germany (Lepidoptera, Geometridae). (Ger) Urbahn, E *Entomol Z* 83 (7): 73-75. Apr 1, 1973

071189 421 EN85
New for Baltic States: Cucullia lychnitis (Lepidoptera, Noctuidae). (Ger) Thomson, E *Entomol Z* 83 (9): 101-103. May 1, 1973

071190 421 EN85
A new Panorpa species from Asia Minor: Panorpa aspoecki n. sp. (Mecoptera, Panorpidae). (Ger) *Entomol Z* 83 (9): 97-101. May 1, 1973

071191 509 W96
Does Nebria dahli Duftschmid (Coleoptera, Carabidae) belong to fauna of Wurttemberg? (Ger) Lauterbach, K E *Ges Naturkd Wurttemb Jahresh* 127: 116-119. Ref. 1972

071192 410 G79
New synonymy in American bark beetles (Scolytidae: Coleoptera). II. Wood, S L *Great Basin Natur* 32 (4): 190-201. Dec 31, 1972

071193 410 G79
A new species of soil mite from western Colorado (Acari: Cryptostigmata, Pelopidae). [Peloptulus tanytrichosus]. Higgins, H G *Great Basin Natur* 32 (4): 208-210. Dec 31, 1972

071194 410 G79
A checklist of macroinvertebrates of Provo River, Utah. Winger, P V *Great Basin Natur* 32 (4): 211-219. Ref. Dec 31, 1972

071195 410 G79
Nearctic desert sand dune Orthoptera. XIV. A new Eremopedes (Decticidae). [California]. Tinkham, E R *Great Basin Natur* 32 (4): 223-228. Dec 31, 1972

071196 500 H26B
Nearctic species of genus Dolomedes (Araneae: Pisauridae). *Harvard Univ Mus Compar Zool Bull* 144 (7): 435-488. Map. Ref. Mar 1973

071197 99.8 IN2
Some records of insect fauna of Gir forest, Gujarat State. Mojamdar, V G *Indian Forest* 99 (4): 238-240. Apr 1973

071198 QH7.J6
A study of Chrysocharis nephereus (Walker) (Hymenoptera: Eulophidae) & allied species, with observations on their biology in Northern England. Askew, R R *J Nat Hist* 7 (1): 47-63. Jan/Feb 1973

071199 448.8 J824
Nasal mites of birds from Louisiana. Vi. New & additional records of dermanyssids (Rhinonyssinae) with description of a new species. Pence, D B *J Parasitol* 59 (2): 359-362. Apr 1973

071200 448.8 J824
Psorergates glaucomys sp. n. (Acari: Psorergatidae), a cystogenous mite from southern flying squirrel (Glaucomys v. Volans), with histopathologic notes on a mite-induced dermal cyst. Ah, H S *J Parasitol* 59 (2): 369-374. Ref. Apr 1973

071201 448.8 J824
Redescription of type material of Haemaphysalis (Aboimisalis) cinnabarina (revalidated) & its junior synonym Haemaphysalis (Aboimisalis) sanguinolenta described by Koch in 1844 from Brazil (Ixodoidea: Ixodidae). Hoogstraal, H *J Parasitol* 59 (2): 379-383. Apr 1973

071202 500 L932
Two new conotyloid millipedes from western North America & a key to genus Adrityla (Chordeumina: Deplopoda). Causey, N B *La Acad Sci Proc* 35: 27-32. 1972

071203 421 L554
Collection of butterflies made by jack dennis at Beulah, Manitoba. Masters, J H *Lepidopterists Soc J* 27 (1): 33-39. 1973

071204 421 L554
A review of Amblyscirtes with description of a new species from Mexico (Hesperiidae). Freeman, H A *Lepidopterists Soc J* 27 (1): 40-51. Ref. 1973

071205 421 L554
A revision of Colias alexandra complex (Pieridae) aided by ultraviolet reflectance photography with designation of a new subspecies. Ferris, C D *Lepidopterists Soc J* 27 (1): 57-73. Ref. Feb 23, 1973

071206 421 L554
A revision of Colias alexandra complex (Pieridae) aided by ultraviolet reflectance photography with designation of a new subspecies. Ferris, C D *Lepidopterists Soc J* 27 (1): 57-73. Ref. 1973

071207 421 L554
A new Callithomia (Leithomia) from Amazonas, Venezuela (Ithomiidae). Masters, J H *Lepidopterists Soc J* 27 (1): 78-79. 1973

071208 421 L554
A new subspecies of Callithomia hezia from Zulia, uvenezuela (Ithomiidae). Masters, J H *Lepidopterists Soc J* 27 (1): 80-83. 1973

071209 421 L554
Interesting Florida butterfly records. Burris, D L *Lepidopterists Soc J* 27 (1): 84-85. 1973

071210 QL651.M4
Genus Euparyphus in America north of Mexico, with a key to New World genera & subgenera of Oxycerini (Diptera: Stratiomyidae). Quist, J A *Melanderia* 11, 26 P. Ref. 1973

071211 420 M922
Scolytidae, Coleoptera from Chile, 264. Study of morphology & taxonomy of Scolytoidea. (Ger) Schedl, K E *Munich Entomol Ges Mitt* 62: 129-153. 1972

071212 420 M922
European species of genus Arhopalus Serville (Criocephalus Mulsant) & description of a new subspecies of Arholapus ferus Muls. (Coleoptera, Cerambyidae). (Ger) Mandl, K *Munich Entomol Ges Mitt* 62: 154-162. Ref. 1972

071213 420 M922
Contribution to study of genus Anaea Hubner (1819) (Lepidoptera, Nymphalidae). (Ger) Witt, T *Munich Entomol Ges Mitt* 62: 163-183. Map. 1972

071214 420 M922
A new species of genus Trigonopselaphus GemmingerHarold, including a dichotomous species now belonging to this genus, notes on species to be omitted from this genus, & new genera partly based on omitted species (Coleoptera, Staphyli (Ger) Scheerpeltz, O *Munich Entomol Ges Mitt* 62: 31-48. Ref. 1972

071215 420 M922
Differences in species within genus Psyche Schrank (1802) (Megalophanes Heylaerts 1881) (Lepidoptera, Psychidae). (Ger) Urbahn, E *Munich Entomol Ges Mitt* 62: 49-65. 1972

071216 420 M922
Cranophorini from Chili (Coleoptera, Coccinellidae). (Ger) Hofmann, W *Munich Entomol Ges Mitt* 62: 66-85. Ref. 1972

071217 420 M922
Revision of genus Mecinonota Kraatz (Coleoptera, Scarabaeidae). 69. Contribution to study of Scarabaeidae. (Ger) Miksic, R *Munich Entomol Ges Mitt* 62: 87-128. 1972

071218 420 M923
Euonthophagus paleartici of G. Frey Museum (Coleoptera, Scarabaeidae). (Ita) Zunino, M *Munich Mus G Frey Entomol Arb* 23: 314-331. 1972

071219 420 N48J
Aphids of New Jersey, a few more records (Homoptera: Aphididae. Leonard, M D *N Y Entomol Soc J* 80 (4): 182-194. Ref. Dec 1972

071220 420 N48J
Revision of Schizomida (Arachnida). Rowland, J M *N Y Entomol Soc J* 80 (4): 195-204. Ref. Dec 1972

071221 420 N48J
Laetulonthus, a new genus for Philonthus laetulus Say (Coleoptera: Staphylinidae). Moore, I *N Y Entomol Soc J* 80 (4): 212-215. Dec 1972

071222 420 N48J
Anthomyiidae & Muscidae of Mt. Katahdin, Maine (Diptera). Huckett, H C *N Y Entomol Soc J* 80 (4): 216-233. Ref. Dec 1972

071223 420 N48J
Genus Menecles Stal (Hemiptera; Pentatomidae). Rolston, L H *N Y Entomol Soc J* 80 (4): 234-237. Dec 1972

071224 500 N48B
A review of North American Chrysomeline leaf beetles (Coleoptera: Chrysomelidae). Wilcox, J A *N Y State Mus Sci Serv Bull* 421, 37 P. Ref. Dec 1972

071225 514 N482
Bark & timber beetles of Pacific Islands. Schedl, K E *N Z J Sci* 15 (3): 265-272. Sept 1972

071226 421 N11
Psallus wagneri Oss. & Psallus assimilis Stich. in southern Germany (Hemiptera, Miridae). (Ger) Rieger, C *Nachrichtenbl Bayer Entomol* 21 (1): 15-16. Feb 15, 1972

071227 421 N11
Central European Amara species of subgenus Zezea Csiki according to revision of Dr. F. Hieke, Berlin. (Ger) Horion, A *Nachrichtenbl Bayer Entomol* 21 (1): 2-7. Feb 15, 1972

071228 421 N11
Halictus s. l. (Apidae) & Eumenidae of Canary Islands (Hymenoptera). (Ger) Ebmer, P A W *Nachrichtenbl Bayer Entomol* 21 (1): 7-10. Feb 15, 1972

071229 421 N11
Female of Lithocolletis (Phyllonorycter) klimeschiell a Deschka, 1969 (Lepidoptera, Lithocolletidae). (Ger) Deschka, G *Nachrichtenbl Bayer Entomol* 21 (2): 17-18. Apr 15, 1972

071230 421 N11
Taxonomic notes on some parasites of oak Torticidae from genera of Phytodietus, Gravenhorst, Apophua Morley, & Camposcopus Foerster (Hymenoptera, Icheumonidae). (Ger) Horstmann, K *Nachrichtenbl Bayer Entomol* 21 (2): 19-25. Ref. Apr 15, 1972

071231 421 N11
Central European species of genus Pachybrachys Suffr. (Coleoptera, Chrysomidae). (Ger) Burlini, M *Nachrichtenbl Bayer Entomol* 21 (2): 26-31. Apr 15, 1972

071232 421 N11
Subgenus Subilla Navas (Neuroptera, Raphidioptera, Raphidiidae, Raphidia L.). (Ger) Aspock, H *Nachrichtenbl Bayer Entomol* 21 (3): 33-43. Eng. Sum. June 15, 1972

071233 421 N11
Two Haltica species new in Central Europe. (Ger) Horion, A *Nachrichtenbl Bayer Entomol* 21 (3): 43-44. June 15, 1972

071234 421 N11
New finding place of Melitaea parthenie Borkh. (aurelia Nick.) little known in Fichtelgebirge. (Ger) Loos, K *Nachrichtenbl Bayer Entomol* 21 (3): 45-46. June 15, 1972

071235 421 N11
Three Miridae from Spain (Hemiptera, Heteroptera). [Psallus morenus, Laemocoris remanei, Tinicephalus rubiginosus]. (Ger) Wagner, E *Nachrichtenbl Bayer Entomol* 21 (3): 47-51. June 15, 1972

071236 421 N11
Study of living space of Coenonympha oedippus F. (Lepidoptera, Satyridae). (Ger) Habeler, H *Nachrichtenbl Bayer Entomol* 21 (3): 51-54. Ref. June 15, 1972

071237 421 N11
Glischrochilus quadrisignatus (Say), a new adventitious species of Central Europe (Coleoptera, Nitidulidae). (Ger) Spornraft, K *Nachrichtenbl Bayer Entomol* 21 (3): 54-58. June 15, 1972

071238 421 N11
Comparative research on Carabus menetriesi Humm. (Coleoptera, Carabidae). (Ger) Reiser, P L *Nachrichtenbl Bayer Entomol* 21 (3): 58-61. June 15, 1972

071239 421 N11
Leucoptera (Cemiostoma) spartifoliella subspec. nov. cy-. (Ger) Deschka, G *Nachrichtenbl Bayer Entomol* 21 (4): 65-69. Aug 15, 1972

071240 421 N11
Reports of study group from Munich on Coleoptera. (Ger) Freude, H *Nachrichtenbl Bayer Entomol* 21 (4): 70-73. Aug 15, 1972

071241 421 N11
Notes of interest about Vespidae. IV. (Diploptera, Hymenoptera). (Ger) Gusenleitner, J *Nachrichtenbl Bayer Entomol* 21 (4): 73-78. Aug 15, 1972

071242 421 N11
Erebia stirius morula Speyer in Judicar Alps (Lepidoptera, Satyridae). (Ger) Habeler, H *Nachrichtenbl Bayer Entomol* 21 (4): 78-79. Aug 15, 1972

071243 421 N11
Anisochrysa (Chrysoperla) mediterranea an new European chrysopid species (Planipennia, Chrysopidae). (Ger) Holzel, H *Nachrichtenbl Bayer Entomol* 21 (5): 81-87. Oct 15, 1972

071244 421 N11
Vespidae & Eumenidae in Scheibbs District (Lower Austria). (Ger) Ressl, F *Nachrichtenbl Bayer Entomol* 21 (5): 87-94. Oct 15, 1972

071245 421 N11
An additional finding place of Procris albanica Nauf. in Alp region (Lepidoptera, Zyganeidae). (Ger) Habeler, H *Nachrichtenbl Bayer Entomol* 21 (5): 94-95. Oct 15, 1972

071246 421 N11
Dispersion of Proctotrupidae (Hymenoptera) in Alp Mountains. (Ger) Pschorn-Walcher, H *Nachrichtenbl Bayer Entomol* 21 (6): 116-121. Dec 15, 1972

071247 421 N11
Narycia monilifera & astrella (Lepidoptera, Psychidae). (Ger) Dierl, W *Nachrichtenbl Bayer Entomol* 21 (6): 121-123. Dec 15, 1972

071248 421 N11
Two new sand bees from Ukraine & Hungary (Hymenoptera, Apoidea). [Andrea chersona, Andrena pontica]. (Ger) Warncke, K *Nachrichtenbl Bayer Entomol* 21 (6): 123-127. Dec 15, 1972

071249 421 N11
Contribution to study of genus Stenochlaenius Reitter. Species of group coeruleus Steven. (Coleoptera, Carabidae). (Ger) Mandl, K *Nachrichtenbl Bayer Entomol* 21 (6): 97-105. Dec 15, 1972

071250 421 N11
Pityophthorus lichtensteini Ratzeburg & Pityophthorus knoteki Reitter, two species that shoud be separated (Coleoptera). (Ger) Cola, L *Nachrichtenbl Bayer Entomol* 21 1): 12-14. Feb 15, 1972

071251 Q180.J3K6
Pseudoscorpions from Mount Poroshiridake of Hidaka mountain range, northern Japan. [Mundochthonius japonicus, Microcreagris ezoensis]. Morikawa, K *Nat Sci Mus (tokyo)* 5: 33-35. Nov 1972

071252 Q180.J3K6
Report on a collection of Opiliones from Poroshiri-dake, Hokkaido. Suzuki, S *Nat Sci Mus (tokyo)* 5: 37-44. Nov 1972

071253 Q180.J3K6
Some prostigmatid mites from Mount Poroshiri in Hokkaido, northern Japan. Shiba, M *Nat Sci Mus (tokyo)* 5: 45-55. Ref. Nov 1972

071254 Q180.J3K6
Some Myriapods from Hokkaido, northern Japan. Murakami, Y *Nat Sci Mus (tokyo)* 5: 57-64. Ref. Nov 1972

071255 442.8 N22
Mites of genus Pronematus Canestrini (Acarina, Tydeidae) from Crimea. (Rus) Kuznetsov, N N *Nauch Dokl Vyssh Shk, Biol Nauk* 5: 11-16. 1972

071256 442.8 N22
Vertical distribution of Oribatei in developed peat bogs in Gor'ki Region. (Rus) Chistiakov, M P *Nauch Dokl Vyssh Shk, Biol Nauk* 9: 18-22. Ref. 1972

071257 421 N812
Quantitative & qualitative investigations of invertebrate fauna under stones (hypolithion) in some alpine habitats at Finse, south Norway. Hagvar, S *Norsk Entomol Tidsskr* 19 (1): 1-10. Ref. 1972

071258 421 N812
Macroplea appendiculata Panz. (Coleoptera, Chrysomelidae) new to Norway. Solem, J O *Norsk Entomol Tidsskr* 19 (1): 109. 1972

071259 421 N812
Parasemidalis fuscipennis Reuter (Neuroptera, Coniopterygidae) new to Norway. (Nor) Aagaard, K *Norsk Entomol Tidsskr* 19 (1): 110. Eng. Sum. 1972

071260 421 N812
New discovery of earwigs (Dermaptera) in Norway. (Nor) Aagaard, K *Norsk Entomol Tidsskr* 19 (1): 110-111. Eng. Sum. 1972

071261 421 N812
Notes on Norwegian spiders. III. Hauge, E *Norsk Entomol Tidsskr* 19 (1): 111. 1972

071262 421 N812
Syrphidae (Diptera) from Ormtjernkampen National Park. Nielsen, T R *Norsk Entomol Tidsskr* 19 (1): 111-112. 1972

071263 421 N812
New records of spiders from Norway. Hauge, E *Norsk Entomol Tidsskr* 19 (1): 17-18. 1972

071264 421 N812
Spiders (Araneae) from Ringsaker, Norway. Waaler, P F *Norsk Entomol Tidsskr* 19 (1): 49-57. Map. Ref. 1972

071265 421 N812
Present & Late Weichselian occurrence of Corynocera ambigua Zett. (Diptera, Chironomidae) in Norway. Fjellberg, A *Norsk Entomol Tidsskr* 19 (1): 59-61. Map. Ref. 1972

071266 421 N812
Syrphidae (Diptera) from Jaeren, Norway. II. Nielsen, T R *Norsk Entomol Tidsskr* 19 (1): 63-71. Ref. 1972

071267 421 N812
Notes on Norwegian Limoniinae (Diptera, Tipulidae). Mendl, H *Norsk Entomol Tidsskr* 19 (1): 73-76. 1972

071268 421 N812
Larva of Agraylea cognatella McLachlan (Trichoptera, Hydroptilidae). Solem, J O *Norsk Entomol Tidsskr* 19 (1): 77-79. 1972

071269 421 N812
Platycheirus monticolus nov. Sp., a northern species confused with Platycheirus discimanus Loew (Diptera, Syrphidae). Nielsen, T R *Norsk Entomol Tidsskr* 19 (1): 91-98. Map. Ref. 1972

071270 421 N812
Spiders & harvestmen from More & Romsdal & Trondelag, Norway. [Araneae, Phalangida]. Hauge, E *Norsk Entomol Tidsskr* 19 (2): 117-121. Ref. 1972

071271 421 N812
Physocyclus simoni Berland (Araneae, Pholocidae) new to Norway. Klausen, F E *Norsk Entomol Tidsskr* 19 (2): 123-125. 1972

071272 421 N812
Mites (Acari, Gamasina) from small mammals in Norway. Edler, A *Norsk Entomol Tidsskr* 19 (2): 133-147, Map. Ref. 1972

071273 421 N812
New records of Norwegian syrphid flies Diptera, Syrphidae). Nielsen, T R *Norsk Entomol Tidsskr* 19 (2): 149-151. 1972

071274 421 N812
Notes on stonefly Capnia vidua Klapalek from Fennoscandia. Lillehammer, A *Norsk Entomol Tidsskr* 19 (2): 153-156. Map. 1972

071275 421 N812
Notes on stonefly Nemoura sahlbergi Morton with a description of nymph. Lillehammer, A *Norsk Entomol Tidsskr* 19 (2): 157-159. Map. 1972

071276 421 N812
A new species of genus Nemoura (Plecoptera), from Finnmark, north Norway. Lillehammer, A *Norsk Entomol Tidsskr* 19 (2): 161-163, Map. 1972

071277 421 N812
Notes on distribution of Coleoptera in Norway. Zachariassen, K E *Norsk Entomol Tidsskr* 19 (2): 169-170. 1972

071278 421 N812
Brachycercus harrisella Curtis (Ephemoroptera) new to Norway. Brittain, J E *Norsk Entomol Tidsskr* 19 (2): 171. 1972

071279 421 N812
Notes on distribution of Halorates reprobus (O.p. Cambridge) (Araneae, Linyphiidae) in Norway. Klausen, F E *Norsk Entomol Tidsskr* 19 (2): 172 1972

071280 421 N812
Eastern noctuid, Poliobrya umovii Ev. discovered in Norway. (Nor) Bakke, A *Norsk Entomol Tidsskr* 19 (2): 173-174. Eng. Sum. 1972

071281 421 N812
Osphya bipunctata F. (Coleoptera, Serropalpidae) new to Norway. Zachariassen, K E *Norsk Entomol Tidsskr* 19 (2): 174. 1972

071282 279.8 OC3
Ichneumons Ichneumonidae (Hymenoptera) in Fagus Forest Reserve Muszkowicki. (Pol) Koscielska, M K *Ochrona Przyrody* 37: 105-125. Ref. Eng. Sum. 1927

071283 279.8 OC3
Orthoptera, Blattodea, & Dermaptera in Muszkowicki Fagus Forest Reserve. (Pol) Bednarz, S *Ochrona Przyrody* 37: 89-103. 1972

071284 QL461.O7
On some Dirhinini (Hymenoptera: Chalcidoidea) from India. Mani, M S *Orient Insects* 6 (3): 401-408. July 1972

071285 QL461.O7
Oriental species of Xorides (Moerophora) Foerster (Hymenoptera: Ichneumonidae). Gupta, V K *Orient Insects* 6 (4): 409-417. Ref. Oct 1972

071286 QL461.O7
New species of Brachymeria Westwood (Hymenoptera: Chalcididae) in collections of Indian Agricultural Research Institute, New Delhi. Joseph, K J *Orient Insects* 6 (4): 419-424. Oct 1972

071287 QL461.O7
Mycophagous Thysanoptera. IV. Ananthakrishnan, T N *Orient Insects* 6 (4): 425-437. Oct 1972

071288 QL461.O7
Mycophagous Thysanoptera. V. Ananthakrishnan, T N *Orient Insects* 6 (4): 439-447. Ref. Oct 1972

071289 QL461.O7
On Oriental species of Zelomorpha Ashmead (Hymenoptera: Braconidae). Gupta, V K *Orient Insects* 6 (4): 449-457. Oct 1972

071290 QL461.O7
On some Elasmus Hymenoptera: Chalcidoidea from India. Mani, M S *Orient Insects* 6 (4): 459-506. Oct 1972

071291 QL461.O7
Further evidence to support inclusion of Oriental sugarcane top borer Scirpophaga nivella (Fab.) in genus Tryporyza Common. Nagaraja, H *Orient Insects* 6 (4): 507-511. Oct 1972

071292 QL461.O7
Neopsylla kashmirensis, sp. nov. from Dashmir, India (Siphonaptera: Hystrichopsyllidae). Kulkarni, S M *Orient Insects* 6 (4): 513-519. Oct 1972

071293 QL461.O7
Hoplopleura vandeleuria, sp. nov. & Hoplopleura alticola, sp. nov. (Anoplura: Hoplopleuridae) from Indian rodents. Mishra, A C *Orient Insects* 6 (4): 521-530. Oct 1972

071294 QL461.O7
Elateridae (Coleoptera) from Canadian Nepal Expedition (u.lm). 3. Descriptions of new species & records of Dima, Penia, & Neocsikia new genus. Ohira, H *Orient Insects* 6 (4): 531-537. Oct 1972

071295 QL461.O7
Three new species & two new genera of Indian Thripidae (Thysanoptera), with a record of two species new to India. Bhatti, J S *Orient Insects* 6 (4): 539-551. Oct 1972

071296 QL461.O7
Taxonomic studies on Apanteles Foerster (Hymenoptera: Braconidae: Mecrogasterinae) from India. III. Vitripennis group. Sharma, V *Orient Insects* 6 (4): 553-560. Oct 1972

071297 QL461.O7
Drosophila orissaensis, a new species of Drosophila from Orissa, India. Gupta, J P *Orient Insects* 6 (4): 561-563. Oct 1972

071298 421 P193
Bumble bees collected by California Academy – Lingnan Dawn-Redwood Expedition to Central West China, 1948 (Hymenoptera: Apidae). [Bombus]. Sakagami, S F *Pan-pacific Entomol* 48 (3): 153-174. Maps. Ref. July 1972

071299 421 P76
Second preliminary communication on a monograph of European species of genus Cerodontha Rond. (Diptera, Agromyzidae). (Ger) Nowakowski, J T *Pol Pismo Entomol* 42 (4): 735-765. Ref. 1972

071300 421 P76
Studies on Nepticulidae (Lepidoptera). V. European species of genus Nepticula Heyden from oak. [Quercus]. (Ger) Borkowski, A *Pol Pismo Entomol* 42 (4): 767-799. Ref. 1972

071301 421 P76
Occurrence of Ibalia leucospoides (Hoch.) & Ibalia drewseni Barries (Hymenoptera, Cynipidae) in Poland. (Pol) Capecki, Z *Pol Pismo Entomol* 42 (4): 801-805. Map. 1972

071302 421 P76
Rhadinopsylla mesoides skuratowiczi ssp.n. (Siphonaptera) from Tatra Mountains. (Pol) Bartkowska, K *Pol Pismo Entomol* 42 (4): 807-816. Ref. Eng. Sum. 1972

071303 421 P76
Synonymic notes on four Palearctic Sphecidae (Hymenoptera). [Tachysphex nitidus, Tachysphex unicolor, Holotachysphex mochii, Tachytes procerus]. (Fre) Pulawski, W *Pol Pismo Entomol* 42 (4): 817-820. Ref. 1972

071304 421 P76
Momphidae s.l. (Lepidoptera) collected in Japan by Dr. J. Razowski. [Stathmopoda theoris, Pancalia amurella, Pancalia leeuwenhoekella japonica]. (Fre) Riedl, T *Pol Pismo Entomol* 43 (1): 27-31. Mar 30, 1973

071305 421 P76
Materials to knowledge of fauna of mining insects in south-eastern Poland. III. (Pol) Beiger, M *Pol Pismo Entomol* 43 (1): 3-14. Ref. Eng. Sum. Mar 30, 1973

071306 421 P76
New to fauna of Poland & interesting species of Lepidoptera. I. [Noctua interposita, Chrysaspidia putnami gracilis, Plusia chrysitis]. (Pol) Skalski, A W *Pol Pismo Entomol* 43 (1): 33-40. Ref. Eng. Sum. Mar 30, 1973

071307 421 P76
On knowledge of Oriental species from relatives of Chaetocnema (Tlanoma) basalis (Baly) (Coleoptera, Chrysomelidae). (Ger) Warchalowski, A *Pol Pismo Entomol* 43 (1): 41-53. Ref. Mar 30, 1973

071308 421 P76
Contribution to knowledge of Apoidea (Hymenoptera) of Rzeszow environs (Poland). (Pol) Banaszak, J *Pol Pismo Entomol* 43 (1): 55-60. Ref. Eng. Sum. Mar 30, 1973

071309 421 P76
Keys of species of Culicoides (Diptera, Ceratopogonid ae) from group odibilis sensu lato. (Fre) Kremen, M *Pol Pismo Entomol* 43 (1): 61-90. Ref. Eng. Sum. Mar 30, 1973

071310 421 P76
Type of Sphex viatica Linnaeus (Hymenoptera, Sphecidae). Townes, H *Pol Pismo Entomol* 43 (1): 91-96. Ref. Mar 30, 1973

071311 421 P76
West Palearctic species of bee family Melittidze (Hymenoptera). (Ger) Warncke, K *Pol Pismo Entomol* 43 (1): 97-126. Ref. Mar 30, 1973

071312 410 Q3
Notes on some butterflies from Hoskyn Island, Bunker Group. [Australia]. Reeves, D M *Queensland Natur* 20 (4/6): 118-120. Dec 1972

071313 442.8 R326
Neotropical Miridae. CXLII. Study of genus Platybasicornis Maldonado (Hemiptera). (Por) Carvalho, J C M *Rev Brasil Biol* 32 (2): 151-155. Eng. Sum. Aug 1972

071314 442.8 R326
Neotropical Miridae. CXLV. Study of two collections from Republic of Peru (Hemiptera). [Incamiris peruviensis, Falconiodes peruanus, Paraproba peruana]. (Por) Carvalho, J C M *Rev Brasil Biol* 32 (2): 177-183. Eng. Sum. Aug 1972

071315 442.8 R326
Description of a new genus & a new species of neotropical longicorns (Coleoptera, Cerambycidae, Lamiinae). [Pseudobeta quadrisignata]. (Por) Zajciw, D *Rev Brasil Biol* 32 (2): 219-220. Aug 1972

071316 442.8 R326
Neotropical Miridae. CXLIV. Two new species of tribe Resthenini (Hemipters). [Platytyloides columbiensis, Prepops xavantinoides]. (Por) Carvalho, J C M *Rev Brasil Biol* 32 (2): 221-224. Eng. Sum. Aug 1972

071317 442.8 R326
A new species of Dolichoderine ant genus Monacis Roger, from Amazon, with further remarks on genus (Hymenoptera, Formicidae). [Monacis omacantha]. Kempf, W W *Rev Brasil Biol* 32 (2): 251-254. Aug 1972

071318 442.8 R326
Description of two new species of Hylaeus from south of Brazil (Hymenoptera, Apoidea). [Hylaeus cecidonastes, Hylaeus larocai]. (Por) Moure, J S *Rev Brasil Biol* 32 (2): 275-284. Eng. Sum. Aug 1972

071319 464.8 R322
A new species of Tuckerellidae, Tuckerella elegans sp. n. (Acari, Tetranychoidea) from Argentina. (Spa) Rossi De Simons, N H *Rev Invest Agr Ser 5 Patol Veg* 9 (1): 15-22. Eng. Sum. 1972

071320 410 R326
Coleoptera of Bale Mountains (Ethiopia). I. Carabidae Harpalinae. Clarke, R O S *Rev Zool Bot Afr* 87 (1): 1-16. Map. Mar 30, 1973

071321 410 R326
Contributions to study of Clavigerinae of Africa (Coleoptera Pselaphidae). 6. Description of a new species of genus Clavigerodes [leleuporum] from Kundelungu. (Fre) Celis, M J *Rev Zool Bot Afr* 87 (1): 110-114. Mar 30, 1973

071322 410 R326
Two new African species of Coleoptera Tenebrionidae belonging to Royal Museum of Central Africa, Tervuren. [Hypophloeus lebrunae, Anaedus serraticollis]. (Fre) Ardoin, P *Rev Zool Bot Afr* 87 (1): 126-130. Mar 30, 1973

071323 410 R326
New African & Malagasy species of Coleoptera Bruchidae of collections of Museum of Natural History of Berlin. (Fre) Decelle, J *Rev Zool Bot Afr* 87 (1): 131-141. Mar 30, 1973

071324 410 R326
Contribution to knowledge of Staphylinidae (Coleoptera). CXV. On some African Paederini. (Fre) Fagel, G *Rev Zool Bot Afr* 87 (1): 146-158. Mar 30, 1973

071325 410 R326
Androlaelaps benoiti, a new species of mite from Cape Pouched Mouse, Saccostomus campestris Peters (Acarina: Mesostigmata: Laelapidae). Till, W M *Rev Zool Bot Afr* 87 (1): 159-164. Mar 30, 1973

071326 410 R326
Genera Chortastus Schaufuss & Serrastus Nunberg (Coleoptera Scolytidae). Browne, F G *Rev Zool Bot Afr* 87 (1): 17-30. Ref. Mar 30, 1973

071327 410 R326
Contributions to study of Scaritinae of Africa (Coleoptera Carabidae). II. Description of Afro-Malagasy genera of subtribe Scaritina. (Fre) Basilewsky, P *Rev Zool Bot Afr* 87 (1): 174-180. Mar 30, 1973

071328 410 R326
Simulium (Pomeroyellum) mayumbense, a new species from Republic of Zaire (Diptera Simuliidae). (Fre) Fain, A *Rev Zool Bot Afr* 87 (1): 205-208. Mar 30, 1973

071329 410 R326
New Lamiidae from Central Africa (Coleoptera Cerambycidae). (Fre) Breuning, S *Rev Zool Bot Afr* 87 (1): 96-98. Mar 30, 1973

071330 410 R326
A revision of genus Zyras Stephens (Coleoptera Staphylinidae) subgenus Trigonodonia Bernhauer. Last, H *Rev Zool Bot Afr* 87 (1): 99-109. Mar 30, 1973

071331 SB599.R6
Occurrence of aphids (Aphidodea, Homoptera) on wild cruciferous plants (Cruciferae) in Poland in 1970. (Pol) Studzinski, A *Rocz Nauk Roln Pol Agric Annu Ser E Ochr Rosl* 2 (2): 119-147. Map. Ref. Eng. Sum. 1972

071332 410.9 SA63
Notes on genus Exeretoneura Macquart & its removal from family Nemestrinidae (Diptera, Brachycera). Bernardi, N *Sao Paulo Dep Zool Papeis Avulsos* 26 (3): 47-50. Feb 29, 1973

071333 442.9 SA6
A new genera & new species of Pulvinariini (Homoptera, Coccoidea) from Brazil. (Por) Pinto da Fonseca, J *Sao Paulo Inst Biol Arq* 39 (3): 195-199. Ref. Eng. Sum. July/Sept 1972

071334 420 SW6
Faunistic & ecological research of Drosophilidae species (Diptera) in Switzerland. III. (Ger) Bachli, G *Schweiz Entomol Ges Mitt* 45 (4): 255-259. Ref. Feb 28, 1973

071335 420 SW6
Pachygnatha (Araneae, Tetragnathidae) of Iberian Peninsula. (Fre) Senglet, A *Schweiz Entomol Ges Mitt* 45 (4): 301-305. Feb 28, 1973

071336 420 SW6
Mediterranean Spermophora (Araneae, Pholcidae). (Fre) Senglet, A *Schweiz Entomol Ges Mitt* 45 (4): 307-319. Feb 28, 1973

071337 420 SW6
Epitritus argiolus Emery (?), genus & species new in Switzerland. (Ger) Kutter, H *Schweiz Entomol Ges Mitt* 45 (4): 325-326. Feb 28, 1973

071338 420 SW6
Leptothorax arcanus n. sp.(?) – a new & mysterious ant. (Ger) Kutter, H *Schweiz Entomol Ges Mitt* 45 (4): 327-328. Feb 28, 1973

071339 QL21.U5S6
An illustrated catalog of neotropic Arctiinae types in United States National museum (Lepidoptera: Arctiidae). II. Watson, A *Smithson Contrib Zool* 128. 160 P. 1973

071340 505 L992B
Revision of works concerning Ichneumonidae of France & eighth supplement to Catalogue de Gaulle (100 new species for French fauna). (Fre) Aubert, J F *Soc Linn Lyon Bull Mens* 42 (2): 17-28. Ref. Feb 1973

071341 505 L992B
Additional notes on genus Acanthonycha (Coleoptera, Phytophaga, Alticidae. (Fre) Bechyne, J *Soc Linn Lyon Bull Mens* 42 (3): 29-34. Mar 1973

071342 505 L992B
A new Leptispa [spiculata] from Madagascar (Coleoptera, Chrysomelidae, Anisotominae). (Fre) Demaux, J *Soc Linn Lyon Bull Mens* 42 (3): 34-35. Mar 1973

071343 448.9 SO13
Acariologic fauna of house dust: results of a survey in Languedoc-Roussillon. (Fre) Guy, Y *Soc Pathol Exot Bull* 65 (3): 472-481. Ref. Eng. Sum. May/June 1972

071344 432 T59
On a mass appearance & swarm of Pantala flavescens observed in Matsuyama. (Jap) Kuwada, K *Tombo* 15 (1): 10-12. Eng. Sum. Dec 31, 1972

071345 432 T59
Additional noted to knowledge of Odonata fauna of Taiwan & Ryukyus. Asahina, S *Tombo* 15 (1): 2-9. Ref. Dec 31, 1972

071346 432 T59
Odonata of Mount Tsukuba & its vicinity, Ibaraki prefecture. (Jap) Eda, S *Tombo* 15 (1): 28-32. Ref. Eng. Sum. Dec 31, 1972

071347 432 T59
Discovery of Aeschna subarctica Walker in Japan. (Jap) Asahina, S *Tombo* 15 (1): 9-10. Eng. Sum. Dec 31, 1972

071348 505 T64
Notes on the forest ant populations of Algeria. [Formicidae]. (Fre) Cagniant, H *Toulouse Soc Hist Natur Bull* 108 (3/4): 386-390. 1972 (Pub. 28, 1973)

071349 505 T64
Notes on some Saharan scorpions. [Adroctonus, Cicileus, Buthacus]. (Fre) Larrouy, G *Toulouse Soc Hist Natur Bull* 108 (3/4): 391-393. 1972 (Pub. Feb 28, 1973)

071350 505 T64
Dolichopoda (Orthoptera Rhaphidophoridae) from Greece. VII. New species from Peloponnesus. [Dolichopoda matsakisi, Dolichopoda dalensi]. (Fre) Boudou-Saltet, P *Toulouse Soc Hist Natur Bull* 108 (3/4): 420-425. 1972 (Pub. Feb 28, 1973)

071351 505 T64
Two new species of Trichoniscoides originating from Asturias: Trichoniscoides cassagnaui n. Sp. And Trichoniscoides asturiensis n. Sp. (Crustacea, terrestrial Isopoda). (Fre) Dalens, H *Toulouse Soc Hist Natur Bull* 108 (3/4): 426-432. 1972 (Pub. Feb 28, 1973)

071352 442.8 T78
A comparative karyological study of three species of black-flies of genus Metacnefia Crosskey (Diptera, Simuliidae) from Armenia. (Rus) Petrova, N A *Tsitologiya* 15 (4): 439-445. Ref. Eng. Sum. Apr 1973

071353 S542.R6U5
Studies on genus Anomala Sam. (Coleoptera, Insecta) in Romania. VIII. Tecuci Plain. (Rum) Bobirnac, B *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 367-375. Ref. Eng. Sum. 1971 (Pub. 1972)

071354 S542.R6U5
Contributions to knowledge of entomofauna of sandy zone of Oltenia. III. (Rum) Bobirnac, B *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 377-387. Ref. 1971 (Pub. 1972)

071355 100 W75R
Miridae of Wisconsin (Hemiptera: Heteroptera). Akingbohungbe, A E *Wis Agr Exp Sta Res Rep* 2396, 24 P. Ref. May 1972

071356 449.8 Z36
Study of dispersion of African Muscidae (Diptera). II. Canadian National Collection of Insects. (Ger) Zielke, E *Z Angew Zool* 59 (4): 361-375. 1972

071357 449.8 Z36
First occurrence of Ophyra aenescens (Wiedemann) (Diptera , Muscidae) in Germany. I. (Ger) Stein, W *Z Angew Zool* 59 (4): 433-438. Ref. Eng. Sum. 1972

071358 449.8 Z36
Notes on Diptera (Sarcophagidae, Calliphorinae) from Ethiopian geographical region. Zumpt, F *Z Angew Zool* 59 (4): 439-455. 1972

071359 449.8 Z36
Notes on genus Adichosina Villeneuve (Diptera: Sarcophagidae, Calliphorinae), with description of a new species. [Adichosina eos]. Zumpt, F *Z Angew Zool* 59 (4): 463-473. 1972

071360 410 Z7
A new subgenus of Musca from India (Diptera: Muscidae). [Pseudosetimusca]. Joseph, A N T *Zool Anz* 189 (3/4): 179-181. Sept/Oct 1972

071361 410 Z7
Some Thyrsophoridae from Central Brazil (Psocoptera). New, T R *Zool Anz* 189 (3/4): 190-199. Ref. Sept/Oct 1972

071362 410 R92
New species of genus Schwiebea Ouds. (Acariformes, Acaridae) from Georgia. (Rus) Kadzhia, G S *Zool Zh* 52 (1): 128-130. Eng. Sum. Jan 1973

071363 410 R92
New species of Trochaloschema (Coleoptera, Scarabaeidae) from Tadzhikistan. (Rus) IAnushev, V V *Zool Zh* 52 (1): 138-140. Jan 1973

071364 410 R92
Taxonomic value of antennal characteritics of some genera of Pieridae (Lepidoptera). (Rus) Poutsa, N M *Zool Zh* 52 (1): 140-143. Jan 1973

071365 410 R92
Genus Tydeus (Acariformes, Tydeidae) in materials from Crimea & Caucasus. (Rus) Kuznetsov, N N *Zool Zh* 52 (1): 45-53. Ref. Eng. Sum. Jan 1973

071366 410 R92
Peculiarities of fauna & geographical distribution of gad flies (Diptera, Tabanidae) in Maritime Territory. (Rus) Soboleva, R G *Zool Zh* 52 (1): 69-77. Ref. Eng. Sum. Jan 1973

071367 410 R92
Five new species of mites from family Tydeidae (Acariformes) from Crimea & Georgia. (Rus) Livshits, I Z *Zool Zh* 52 (3): 436-439. Eng. Sum. Mar 1973

071368 410 R92
Biometrical analysis of variability in a spider Pardosa monticola (Aranei, Lycosidae). (Rus) Popov, E B *Zool Zh* 52 (3): 439-443. Ref. Eng. Sum. Mar 1973

071369 410 R92
New species of genus Psylla (Homoptera, Psylloidea) from Tadjikistan. (Rus) Bajeva, V G *Zool Zh* 52 (3): 444-447. Eng. Sum. Mar 1973

071370 410 R92
A new tribe megapenthini tribus n. (Coleoptera, Elateridae). (Rus) Gurieva, E L *Zool Zh* 52 (3): 448-451. Eng. Sum. Mar 1973

APICULTURE AND SERICULTURE

071371 511 AK192D
Statistical investigation of queen behaviour in a colony of honeybees. 1. Movement of queen in a small colony. [Apis mellifica mellifica]. (Rus) Juska, A *Akad Nauk Litov Ssr Darbai Tr Ser C* 3 (59): 143-156. Eng. Sum. 1972

071372 S13.B82
Attempts to obtain & store semen of Bombyx mori L. Zagorski, D *Akad Selskostop Nauki Dokl C R* 4 (4): 485-487. 1971

071373 424.8 AM3
Alarm pheromones of honey bees. Avitabile, A *Amer Bee J* 113 (3): 93. Mar 1973

071374 424.8 AM3
Beekeeping courses in eastern U.S. & Canada. Caron, D M *Amer Bee J* 113 (3): 96, 98. Map. Mar 1973

071375 424.8 AM3
Observations on sunflower pollination in Illinois. Guynn, G *Amer Bee J* 113 (5): 168-169. May 1973

071376 424.8 AM3
Of bees & honey. [Apis mellifera]. Cutler, K E *Amer Bee J* 113 (5): 170-171. May 1973

071377 421 AN9
Entomolgy in writings. II. Especially about bees. (Ger) Herfs, A *Anz Schadlingsk Pflanzenschutz* 46 (3): 33-37. Ref. Mar 1973

071378 410 B393
On distribution of preening movements in honey bee. [Apis mellifera]. (Ger) Pflumm, W *Behaviour* 45 (1/2): 104-122. Ref. Eng. Sum. 1973

071379 464.9 C47
Studies on nosema disease of honeybee in Taiwan. [Nosema apis, Apis mellifera]. (Chi) Yen, D F *Chung-hua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (2): 53-57. Ref. Eng. Sum. June 1972

071380 450 EU6
Apparent preference by bees for different flower colours in cowpeas (Vigna sinensis (L.) Savi ex Hassk.). [Apis mellifera, Bombus]. Leleji, O I *Euphytica* 22 (1): 150-153. Mar 1973

071381 475 EX7
Molecular basis for scent discrimination: response to nitrobenzene-d5 of honey bees (Apis mellifera L.) conditioned with nitrobenzene. Barker, R J *Experientia* 29 (4): 418-419. Ref. Apr 15, 1973

071382 S544.5.B7E9
Silkworms weave new wealth for Mato Grosso. [Bombyx mori]. (Por) Vilhena, M *Ext Rural* 7 (82): 3-7. Oct 1972

071383 QH431.A1G4
Mutagenic activity of ethylmethanesulphonate in Bombyx mori. (Rus) Abeleva, E A *Genetika* 9 (3): 63-68. Eng. Sum. Mar 1973

071384 424.8 G47
A mini-survey of hive stands. [Beekeeping equipment]. Busker, L H *Gleanings Bee Cult* 101 (5): 144-161. May 1973

071385 424.8 G47
Experiences & thoughts on a beehive fumigator. Thurber, P F *Gleanings Bee Cult* 101 (5): 145-146, 161. May 1973

071386 424.8 G47
Queens, queens & more queens. [Honey bees]. Bell, R *Gleanings Bee Cult* 101 (5): 147-148. May 1973

071387 424.8 G47
Questions about dance language of honeybee. [Apis mellifera]. Morse, R A *Gleanings Bee Cult* 101 (5): 151. May 1973

071388 80 H787
Bees in garden. Davies, F *Horticulture* 51 (5): 28-29, 57. May 1973

071389 SB1.H6
Honey bee visits increase yields of 'Orlando' Tangelo. Moffett, J O *Hortscience* 8 (2): 100. Apr 1973

071390 SF771.N6
Results of some studies in field of Apis mellifera pathology. (Rus) Grobov, O F *In Novoe v Lechenii i Profilaktike Infektsionnykh Boleznei Zhivotnykh* P. 223-228. 1972

071391 420 IN23
Mass marking honey bees for behaviour studies. [Apis indica]. Dhaliwal, H S *Indian J Entomol* 34 (1): 85-86. (Pub. Jan 1973)

071392 425.8 IN22
Productivity trends in mulberry silk output. Narasimhan, S R L *Indian Silk* 11 (8): 5-8. Dec 1972

071393 QL495.A1I57
Cocoonases of silkworm moths: catalytic properties & biological function. [Antheraea polyphemus, Bombyx mori]. Hruska, J F *Insect Biochem* 3 (9): 31-43. Ref. Mar 1973

071394 16 IT1
International symposium on apiculture. (Ita) Vidano, C *Ital Agr* 109 (11): 1173-1176. Nov 1972

071395 381 J824
Cocoonase. IV. Mechanism of activation of prococoonase from Antheraea polyphemus. Felsted, R L *J Biol Chem* 248 (9): 3012-3020. Ref. May 10, 1973

071396 381 J824
Cocoonase. V. Structural studies on an insect serine protease. [Antheraea pernyi, Antheraea polyphemus, Natheraea mylitta]. Kramer, K J *J Biol Chem* 248 (9): 3021-3028. Ref. May 10, 1973

071397 513 T576
Control of growth & development in Bombyx mori. XIV. Function of corpus allatum hormone on determination of molting characteristics. Morohoshi, S *Jap Acad Proc* 48 (6): 427-432. Ref. June 1972

071398 513 T576
Control of growth & development in Bombyx mori. XV. Consideration of function of brain on activity of corpora allata. Morohoshi, S *Jap Acad Proc* 48 (6): 433-438. June 1972

071399 513 T576
Control of growth & development in Bombyx mori. XVI. Effect of brain & corpora allata on determination of voltinism. Morohoshi, S *Jap Acad Proc* 48 (6): 439-444. June 1972

071400 513 T576
Amino acid nutrition of silkworm, Bombyx mori. Ito, T *Jap Acad Proc* 48 (8): 613-618. Ref. Oct 1972

071401 41.8 V644
Antibiotic aerosol treatment of European (or milder) foul-brood of bees. (Hun) Tasi, Z *Magyar Allatorv Lapja* 28 (2): 80-83. Ref. Eng. Sum. Feb 1973

071402 284.9 M58
Fruit, vegetables, bees & pollination – now & in 1985. *Mich Agr Exp Sta Res Rep* 188, 28 P. Feb 1973

071403 284.9 M58
Bees & pollination in Michigan. Martin, E C *Mich Agr Exp Sta Res Rep* 188: 23-28. Feb 1973

071404 448.3 K54
Electron microscopic investigation of nuclear polyhedrosis virus structure in Bombyx mori. (Ukr) Stepaniuk, V V *Mikrobiol Zhur* 34 (1): 19-20. Jan/Feb 1972

071405 448.3 K54
Biochemical changes in tissues with activation of jaundice latent virus in silkworm. [Bombyx mori]. (Ukr) Kishko, I A H *Mikrobiol Zhur* 34 (1): 22-24. Jan/Feb 1972

071406 464.8 OC32
Tables of pesticide toxicity for bees & of prevention periods. (Pol) Leski, R *Ochrona Roslin* 16 (2): 5-8. Feb 1972

071407 QH491.O5
Energetics in development of Bombyx mori. I. Respiration & adenosine triphosphate level in embryogenesis. (Rus) Radzinskaia, L E *Ontogenez* 3 (6): 602-608. Ref. Eng. Sum. 1972

071408 421 P76
Harmful effects of insecticides used in Poland on honey bee Apis mellifica L. (Hymenoptera, Apidae). (Pol) Gorecki, K *Pol Pismo Entomol* 43 (1): 201-210. Ref. Eng. Sum. Mar 30, 1973

071409 410 R324
Different sensitiveness of light intensity states in Apis mellifera. (Ger) Labhart, T *Rev Suisse Zool* 79 (3): 1068-1077. Eng. Sum. Oct 1972

071410 420 SW6
Study of insect blood in adult honey bee (Apis mellifica). 3. Ultrastructural study of two cellular elements. (Fre) Vecchi, M A *Schweiz Entomol Ges Mitt* 45 (4): 291-298. Ref. Feb 28, 1973

071411 20 M66
Characteristics of morphological-biological & economically useful traits of local bees of Belorussia. [Apis mellifera]. (Bel) Shamiatkou, M F *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 1: 120-124. 1973

071412 41.8 V6463
A new parasitic disease of honey bees in Bulgaria caused by Varroa jacobsoni. (Bul) Shabanov, M *Vet Sbirka* 69 (4): 19-22. 1972

071413 41.8 V6426
Health registration of apiaries & measures for prevention of diseases of Apis mellifera. (Rus) Rakhmatullin, R G *Veterinariia* 4: 36-38. Apr 1973

071414 41.8 V6426
Economic loss & efficiency of measures relating to control of European foulbrood. (Rus) Kardakov, V P *Veterinariia* 4: 62-63. Apr 1973

071415 275.29 W27MI
How to reduce poisoning of bees from pesticides. Johansen, C A Cooperative Extension Service *Wash State Univ Ext Em* 3473 (Rev.), 6 P. Feb 1973

071416 41.9 B753
Paper chromatography in laboratory diagnosis of parathion (O,O-diethyl-O-(p-nitrophenyl-)-thiophosphate), methylparathion (O,O-di-methyl-O-(p-nitrophenyl), thiophosphate) poisoning. [Bees]. (Pol) Mikolajczak, B *Wroclaw Wyzsza Szkola Roln Zeszyty Nauk Weter* 21: 207-213. Ref. Eng. Sum. 1972

071417 49 Z65
Annual & perenial statistical evaluations in sericulture by means of Delta criterium. (Bul) Petkov, M *Zhivotnovudni Nauk* 10 (1): 121-130. Eng. Sum. 1973

AGRICULTURE ENGINEERING

071418 SF1.A2
A project of large-capacity stable for 700 calves in mountainous & piedmont regions. (Slo) Medvecky, D *Acta Zootech* 23: 131-140. Eng. Sum. 1972

071419 256.13 AG82M
Open cubicles for suckler cows. Herron, R J *Agric North Irel* 47 (12): 423-426. Apr 1973

071420 256.13 AG82M
Manure & slurry storage. [Tanks, costs]. Chambers, J T *Agric North Irel* 47 (12): 427-431. Apr 1973

071421 256.13 AG82M
Cows: from pasture to parlour. [Farm road]. Acheson, A W *Agric North Irel* 47 (12): 440-442. Apr 1973

071422 442.9 AK18
On structure & seasonal dynamics of spider fauna of Estonian upland bogs. (Est) Vilbaste, A *Akad Nauk Est Ssr Izv Ser Biol* 21 (4): 307-326. Ref. Eng. Sum. 1972

071423 97.31 AM32
Heating & cooling a greenhouse. Tinga, J H *Amer Camellia Yearbook* P. 26-30. 1973

071424 296.8 AR1
Fattening performance in swine stalls: buildings & installations as influencing factors. (Ger) Ober, J *Bauen Lande* 23 (10): 307-309. Oct 1972

071425 296.8 AR1
Building with prefabricated elements in swine farms for fattening & breeding. (Ger) Fuchs, H J *Bauen Lande* 23 (10): 310-313. Oct 1972

071426 296.8 AR1
Keeping sows for breeding in larger farms. [Buildings]. (Ger) Pohlmann, H *Bauen Lande* 23 (10): 314-315. Oct 1972

071427 296.8 AR1
Building of warm stall in less expensive way. (Ger) Adam, M *Bauen Lande* 23 (3): 84-86. 1972

071428 296.8 AR1
Are building construction criteria for dairy cattle economical? (Ger) Huffmeier, H *Bauen Lande* 23 (6): 174, 176-177. June 1972

071429 296.8 AR1
Dairy cattle stall for 1000 cows. (Ger) Johannsen, C I *Bauen Lande* 23 (6): 178-181. June 1972

071430 296.8 AR1
Trends in reconstructing stalls for dairy cattle in coastal area. (Ger) Reepmeyer, G A *Bauen Lande* 23 (6): 182-185. June 1972

071431 296.8 AR1
Box loafing stall as cold stall. (Ger) Muhlmeyer, R *Bauen Lande* 23 (6): 186, 188-190. June 1972

071432 296.8 AR1
Keeping beef cattle in stalls costing 1000 gulden. (Ger) Henckel, H *Bauen Lande* 23 (6): 191-192. June 1972

071433 296.8 AR1
Horse, environment & stall: consideration on horse stall construction. (Ger) Franke, H *Bauen Lande* 24 (3): 58-60. Mar 1973

071434 HD1940.C95A1
Need of agricultural engineers in future development of Czechoslovak agriculture. (Cze) Burian, A *Brno Vysoka Sk Zemedel Sb Rada D Spisy Fak Provozne Ekon* 8 (2): 222-233. Eng. Sum. 1972

071435 58.9 B85M
Comparative survey of new pig farms & their technical equipments. (Hun) Csoma, M *Budapest Mezogazdasagi Gepkiserleti Intezet* 19 (9): 52 P. Eng. Sum. 1972

071436 41.8 C11
Principal sanitary problems in relation to housing cattle & swine. (Fre) Theret, M *Cah Med Vet* 42 (2): 59-75. Ref. Mar/Apr 1973

071437 S41.E6
Greenhouse fires. *CSU Res (colo State Univ)* 21 (1): 1. Oct/Dec 1972

071438 58.8 D482
Technological support – requirement for industrial care & attendance in agricultural engineering. (Ger) Rupp, G *Deut Agrartech* 3: 125-127. 1973

071439 58.8 D482
Automation of industrial greenhouses. (Ger) Glikman, M T *Deut Agrartech* 3: 132-134. 1973

071440 241.4 F22
What is tradafarm? [Farm building manufacturers]. Long, D *Farm Bldg Dig* 7 (4): 11-12. Winter 1972/73

071441 58.8 K55
Installation of greenhouse farming. 2. Structure & intensity of greenhouse. (Jap) Kurata, I *Farm Mech* 2: 35-40. Feb 1973

071442 41.8 F712
A study of automatically regulated hot air heating on microclimate of hen halls. (Slo) Rosocha, J *Folia Vet* 16 (3/4): 103-111. Ref. Eng. Sum. 1972

071443 41.8 F712
Contribution to study of microclimate in hen-houses with special regard to ammonia in boxes of laying hens on deep bedding. (Slo) Para, L *Folia Vet* 16 (3/4): 113-118. Ref. Eng. Sum. 1972

071444 58.9 F842
Study on erecting inflated roof structures for farming purposes. (Fre) Portier, J C *France Cent Nat Etudes Exp Mach Agr Etude* 377/378, 62 P. Eng. Sum. Mar/Apr 1973

071445 80 G1938
Providing shade in greenhouse. (Nor) Stene, J *Gartneryrket* 63 (14): 280-282. Apr 6, 1973

071446 80 G1938
How to lay a floor in greenhoyse & of what materials it should be. (Nor) Hov, T *Gartneryrket* 63 (5): 67-68, 70-71. Feb 2, 1973

071447 298.8 G33
Results of building silo cells. (Ger) Gmur, B *Getreide Mehl Brot* 27 (2): 74-80. Feb 1973

071448 290.8 G362
Work experience of specialized enterprises on repair & automation of meliorative networks. [Drainage, irrigation]. (Rus) Cherepakhin, N S *Gidrotekh Melior* 8: 20-25. Aug 1972

071449 290.8 G362
Technical maintenance of drainage & irrigation network in Ukraine. (Rus) Katran, V N *Gidrotekh Melior* 8: 25-28. Aug 1972

071450 290.8 G362
Organization of works on construction of subsurface irrigation pipelines. (Rus) Bogatov, E A *Gidrotekh Melior* 8: 97-101. Aug 1972

071451 290.8 G362
Terraces as element of meliorative condition of rice checks. (Rus) Zaitsev, V B *Gidrotekh Melior* 9: 43-46. Sept 1972

071452 290.8 G362
Optimum designing of rice irrigation checks. (Rus) Korobochkin, M I *Gidrotekh Melior* 9: 46-49. Sept 1972

071453 290.8 G362
Operation of water supply installation on distant pastures. (Rus) Khareshov, Kh *Gidrotekh Melior* 9: 84-86. Sept 1972

071454 7 G59W
Choosing your power requirements wisely. *Good Farming* 24 (2): 14-16. Feb 1973

071455 7 G59W
Could this happen to you? [Livestock, controlled environment]. Wreford, D *Good Farming* 24 (2): 28-30. Feb 1973

071456 58.8 G92
Microbiology & agricultural engineering. (Ger) Kuster, E *Grundlagen Landtech* 22 (3): 65-68. 1972

071457 17 SCH9
Agricultural engineering & machine industry today & in future. (Ger) Hauser, R *Grune* 101 (6): 182-190. Feb 9, 1973

071458 17 SCH9
Agricultural engineering tomorrow or mechanization in a new area. (Ger) Schib, K *Grune* 101 (6): 190-191, 194. Feb 9, 1973

071459 44.8 H65
What are latest developments in upright silos? Lewis, G E *Hoards Dairyman* 118 (8): 542-543. Apr 25, 1973

071460 44.8 H65
This barn has ten months' manure storage. Bates, D W *Hoards Dairyman* 118 (8): 548. Apr 25, 1973

071461 SB112.V6
Forecasting development of extensive electrification of agriculture in Volga region. (Rus) Schurov, S V *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 266-272. 1972

071462 20 M57AG
State & perspectives of mechanization in establishments for livestock production. (Ger) Dimeny, I *Int Z Landwirt* 1: 85-89. 1973

071463 20 M57AG
Results of complex mechanization in establishments for livestock production. (Ger) Grosev, G *Int Z Landwirt* 1: 90-95. 1973

071464 22 IN8
Go in for an improved cattle shed. Yadava, L S *Intensive Agr* 10 (10): 18-19. Dec 1972

071465 16 IT1
Rearing of beef cattle in an enclosed environment. [Housing]. (Ita) Pisanu, M *Ital Agr* 109 (11): 1160-1171. Nov 1972

071466 16 IT1
Amazing applications of electricty in agriculture. (Ita) Mez, E *Ital Agr* 109 (11): 1183-1198. Nov 1972

071467 340.9 SO1
Some results of actual observations of soil heat transfer in heated greenhouses. (Jap) Yamamoto, Y *J Agric Meteorol (jap)* 28 (3): 25-32. Eng. Sum. Jan 1973

071468 340.9 SO1
Guide & data for greenhouse air conditioning. 3. Heat loss due to air infiltration of heated greenhouse. Okada, M *J Agric Meteorol (jap)* 28 (4): 223-230. Ref. Mar 1973

071469 340.9 SO1
Fog & fan method for greenhouse cooling. (Jap) Mihara, Y *J Agric Meteorol (jap)* 28 (4): 231-236. Eng. Sum. Mar 1973

071470 58.8 J29
Work protection & safety techniques in designing agricultural machinery. (Hun) Szabo, A *Jarmuvek Mezogazdasagi Gepek* 19 (89): 354-356. Aug/Sept 1972

071471 58.8 L2352
Starting germination of potatoes in a tool warehouse. (Dut) Gels, J A *Landbouwmechanisatie* 24 (3): 225-229. Mar 1973

071472 58.8 L239
Agricultural engineering in Finland. (Ger) Gagel, K *Landmasch -Markt* 51 (20): 22-24. Eng. Sum. Dec 28, 1972

071473 58.8 L239
Agricultural engineering & apprenticeship. (Ger) Schunke, U *Landmasch -Markt* 51 (4): 38-39. Mar 9, 1972

071474 58.8 L239
Agricultural engineering in North America. (Ger) Petersen, R *Landmasch -Markt* 52 (4): 34-35. Ref. Mar 26, 1973

071475 TJ1480.A1L3
Agricultural engineering in Finland. (Ger) Gagel, K *Landmaschinenmarkt* 51 (4): 22-24. Eng. Sum. Dec 28, 1972

071476 298.8 M292
Active ventilation of metal silo cells. (Hun) Kota, B *Malomipar Termenyforgalom* 19 (3): 90-93. May/June 1972

071477 58.8 M467
Modernization of cowsheds should be purposeful, prospective & cheap. (Cze) Satek, J *Mech Zemedel* 22 (12): 445-448. Eng. Sum. 1972

071478 41.8 M463
Influence of unsuitable design on bioclimatic factors in a pig fattening shed. (Pol) Rabenda, A *Med Wet* 29 (1): 56-59. Jan 1973

071479 S11.O78
A receptacle for livestock manure & urine. (Swe) Borg, S *Medlemsbl Ostergotlands Lans Hushallningssallsk* 5 (3): 35-37, 39. 1972

071480 S11.O78
Safety problems in agriculture. (Swe) Servenius, J *Medlemsbl Ostergotlands Lans Hushallningssallsk* 5 (4): 34-37. 1972

071481 20 M57
Constructing land reclamation canals by explosives. [Irrigation]. (Rus) Shole, B *Mezhdunar Sel'skokhoz Zh* 2: 103-105. 1973

071482 80 M97
Mushroom house ventilation in theory & practice. I. Edwards, R L *Mga Bull (Mushroom Growers Assoc)* 3: 118-119, 121-122, 124, 129-131. Mar 1973

071483 49.9 N76
Modulation principles for agricultural construction. (Nor) Ostreng, K W *Norges Landbrukshogsk Inst Bygningsteknikk Stensiltrykk* 114, 23 P. Ref. 1973

071484 20.5 N86
Electric heating for livestock buildings. (Pol) Raczkiewicz, J *Nowe Roln* 22 (4): 28-29. Feb 16/28, 1973

071485 464.8 OC32
New spraying equipment for brussels sprouts. [Insect pest control]. (Pol) Szwejda, J *Ochrona Roslin* 16 (4): 20-21. Apr 1972

071486 100 OH3S (2)
Sixty cases of disabling farm accidents. Stout, T T *Ohio Agr Res Develop Center Res Bull* 1056, 21 P., Map. Nov 1972

071487 100 OH3RS
Preliminary observations of a horizontal pad cooling ventilation system. [Greenhouses]. Walker, R J *Ohio Agr Res Develop Center Res Sum* 66: 21-24. Apr 1973

071488 49 P952
New trends – new designs. [Livestock buildings]. (Pol) Cedro, T *Przegl Hodowlany* 40 (12): 23-25. June 16/30, 1972

071489 49 P952
Pig sties for specialized private farms. (Pol) Andrzejewski, R *Przegl Hodowlany* 41 (15/16): 22-26. Aug 1/31, 1972

071490 49 P952
Modern technology of milking. [Dairy cattle]. (Pol) Szlachta-Stonka, B *Przegl Hodowlany* 41 (15/16): 7-13. Aug 1/31, 1972

071491 49 P952
An inexpensive pig sty. (Pol) Cedro, T *Przegl Hodowlany* 41 (17): 11-12. Sept 1/15, 1972

071492 335.8 R32
When orchard irrigation comes from guess-work. [Electricity]. (Fre) Michelet, R *Rev Appl Elec* 46 (239): 100-102. Fourth Quarter 1972

071493 275.249 SO8
Concepts of modern broiler housing. Mannion, P *S Aust Dep Agr Ext Bull* 4, 11 P. 1973

071494 17 SCH93
Building economically. [farm structures]. (Ger) Dettwiler, E *Schweiz Landwirt Monatsh* 51 (2): 45-62. Ref. Feb 1973

071495 17 SCH93
Building economically. [Farm structures]. (Ger) Vital, B *Schweiz Landwirt Monatsh* 51 (2): 63-80. Feb 1973

071496 S13.S55
Development of Seberian Institute of Mechanization & Electrification of Agriculture. (Rus) Selivanov, A I *Sib Vestn S-kh Nauk* 6: 84-91. Nov/Dec 1972

071497 SF391.S9
Brick & ceramic floors of swine fattening quarters. (Ukr) Synitsyn, I A *Svynarstvo* 16: 94-98. 1972

071498 49 T443
Experience gained with new electric fencing system. [Cattle]. (Ger) Schroder, U *Tierzucht* 27 (3): 126-128. Mar 1973

071499 49 T445
Relative superiority of stall systems in dairy cattle housing. (Ger) Bischoff, T *Tierzuchter* 25 (1): 25-27. Jan 1973

071500 49 T445
Feed storage. [Structures]. (Ger) Ordolff, D *Tierzuchter* 25 (2): 76-77. Feb 5, 1973

071501 49 T445
Ready-made building for agriculture. (Ger) Marten, J *Tierzuchter* 25 (2): 78, 80. Feb 5, 1973

071502 11 UP62
Pole barn with no walls or simple hay tower as alternatives to conventional barns. (Swe) Sundahl, A M *Uppsala Lantbrukshogsk Medd Ser A* 185, 39 P. Ref. Eng. Sum. 1973

071503 11 UP62
Pole barn with no walls or simple hay tower as alternatives to conventional barns. (Swe) Sundahl, A M *Uppsala Lantbrukshogsk Medd Ser A* 185, 39 P. 1973

071504 41.9 C333
The temperature and moisture regimes in halls for farrowing and suckling sows on the large-capacity pig farm. (Cze) Zeman, J *Vet Med (prague)* 17 (12): 705-712. Ref. Eng. Sum. Dec 1972

071505 41.9 C333
Usability of detection tubes Co2-type 1. (Cze) Kubicek, K *Vet Med (prague)* 17 (9): 517-525. Eng. Sum. Sept 1972

071506 100 W52CU
Daily removal of manure from cages of laying hens. Longhouse, A D *W Va Agr Exp Sta Curr Rep* 61, 11 P. Mar 1973

071507 58.9 W12
Noise-induced hearing losses of tractor drivers. (Dut) Maring, J *Wageningen Inst Landbouwtech Ration Publ* 170, 23 P. Ref. Oct 1972

071508 58.9 C333
Aerobic processing of excreta in space below grate without any run-off. [Swine]. (Cze) Joza, K *Zemed Tech* 18 (12): 747-754. Eng. Sum. Dec 1972

071509 58.9 C333
Modern floores in housing premises evaluated from point of view of heat technology & operation. (Cze) Janac, K *Zemed Tech* 19 (1): 37-52. Ref. Eng. Sum. Jan 1973

FARM EQUIPMENT

071510 280.8 AG82
Austrian agriculture & farm equipment industry. (Ger) Schrofl, J *Agr Rundsch* 3: 27-29. June 1972

071511 333.8 AG8
Drift studies in ULV [Ultra low Volume] & conventional applications. [Aircraft]. Maas, W *Agric Aviat* 15 (2): 41-47, 50. Apr 1973

071512 275.8 AG8
Teach combine operation in field. Reed, W L *Agric Educ* 45 (11): 244. May 1973

071513 22.5 N682
Proper use of agricultural machines. (Jap) Shimizu, H *Agric Hortic* 48 (4): 13-16. Apr 1973

071514 256.13 AG82M
Three farrowing pens: which is best? Rea, C C *Agric North Irel* 47 (11): 376-380. Mar 1973

071515 14 AG823
Large orientations of agricultural mechanization. (Fre) Lacombe, R *Agric Rev Men Tech Econ* 362: 49. Feb 1973

071516 14 AG823
A revolution in manuring: 1500 tons of fertilizers sold a day 'root return'. [Equipment]. (Fre) Lenfantin, J M *Agric Rev Men Tech Econ* 362: 50-51. Feb 1973

071517 280.82 B89
Farm labor problems not limited to grapes & lettuce – your fields could be next. McMullen, D *Am Farmer* 48 (3): 16-17. Mar 1973

071518 390.9 AM33
Grape harvester recovery & losses. Snobar, B A *Amer J Enol Vitic* 24 (1): 10-13. 1973

071519 290.9 AM32T
Over- -row harvester for dwarf fruit trees. [Apples]. Allshouse, G W *Amer Soc Agr Eng Trans ASae* 15 (6): 1038-1043. Nov/Dec 1972

071520 447.8 AN1
Embryology of sheep. III. respiratory system, mesenteries & celom in fourteen to thirty-four day embryo. Bryden, M M *Anat Rec* 175 (4): 725-735. Ref. Apr 1973

071521 58.9 OS7
Situation & trend in mechanization of small farms: survey of three communities in Centraland Middle Burgenland hilly countries. (Ger) Zillbauer, J *Arb Osterr Kuratoriums Landtech* 154, 36 P. Dec 1972

071522 58.9 OS7
First results with a movable hot air dryer for green forage. (Ger) Maurer, *Arb Osterr Kuratoriums Landtech* 156: 46-54. Dec 1972

071523 281.9 IL62
Demand for on-farm, heated-air grain dryers. Dau, P K Y *AErr (agr Econ Res Rep) Ill Univ Dep Agr Econ Agr Exp Sta* 118, 9 P. Jan 1973

071524 296.8 AR1
Rationalization of livestock production. [Mechanization]. (Ger) Blanken, G *Bauen Lande* 23 (7): 215-216. July 1972

071525 SF221.S83
Testing for methods of cleaning & disinfecting milk tanks & cleaning apparatus. (Dan) Moller-Madsen, *Bil Arsberet Statens Forsogsmejeri* 32 (Suppl.): 89-90. 1973

071526 15 B632
Process of agricultural mechanization & use in common of equipment. (Spa) Giberti, H *Bol Agro-pecuar* 88: 12-15. 1973

071527 79.9 B77
A tractor mounted plot sprayer. Turner, N V *Brit Weed Contr Conf Proc* 11Th conf., V.1: 101-103. 1972

071528 79.9 B77
Towards efficient field experimentation. [Herbicides, sprayers]. Lush, G B *Brit Weed Contr Conf Proc* 11Th conf., V.1: 104-111. Ref. 1972

071529 79.9 B77
Report on 1972 conference of International Association on Mechanisation of Field Experiments. Thornton, M E *Brit Weed Contr Conf Proc* 11Th conf., V.1: 112-115. 1972

071530 HD1940.C95A1
Contribution to problem of diagnostic inspections when determining technical condition of tractors. (Cze) Panes, V *Brno Vysoka Sk Zemedel Sb Rada D Spisy Fak Provozne Ekon* 8 (2): 151-164. Eng. Sum. 1972

071531 HD1940.C95A1
Study on wear & service life of functional units of potato planters. (Cze) Kalvoda, O *Brno Vysoka Sk Zemedel Sb Rada D Spisy Fak Provozne Ekon* 8 (2): 183-196. Eng. Sum. 1972

071532 58.9 B85M
Activities of Farm Machinery Research Institute in 1971. (Hun) *Budapest Mezogazdasagi Gepkiserleti Intezet* 1, 272 P. Eng. Sum. 1972

071533 58.9 B85M
Comparative study of active operating tilling machines. (Hun) Jori, J I *Budapest Mezogazdasagi Gepkiserleti Intezet* 19 (2), 40 P. Eng. Sum. 1972

071534 58.9 B85M
Economic use of agricultural trucks. (Hun) Gockler, L *Budapest Mezogazdasagi Gepkiserleti Intezet* 19 (5), 44 P. Eng. Sum. 1972

071535 58.9 B85M
Stabilization of vacuum in milking machines for maintaining health conditions of udders. (Hun) Toth, L *Budapest Mezogazdasagi Gepkiserleti Intezet* 19 (6), 32 P. Eng. Sum. 1972

071536 58.9 B85M
Comparative study of fertilizer distributors. (Hun) Demes, G *Budapest Mezogazdasagi Gepkiserleti Intezet* 19 (7), 40 P. Eng. Sum. 1972

071537 58.9 B85M
Electrotensometric digital measuring instrument for testing agricultural machinery. (Hun) Kovacs, L *Budapest Mezogazdasagi Gepkiserleti Intezet* 19 (8), 32 P. Ref. Eng. Sum. 1972

071538 384 C4292
Track gauge of heavy duty tractors. (Ger) Dohne, E *Chem Tech Landwirtschaft* 24 (3): 60-61. Mar 1973

071539 100 C71C
Comparison of grain drills at different seeding rates for dryland wheat production. Langin, E J *Colo Agr Exp Sta Progr Rep Pr* 73-28, 2 P. Apr 1973

071540 58.8 D482
Present status & development trends of agricultural transports. (Ger) Muhrel, K *Deut Agrartech* 3: 101-104. 1973

071541 58.8 D482
Some theoretical & methodical aspects of transport system & formation of transport chains. (Ger) Priebe, D *Deut Agrartech* 3: 104-107. 1973

071542 58.8 D482
Fuel-saving driving of motor lorries. (Ger) Schulz, H *Deut Agrartech* 3: 108-109. 1973

071543 58.8 D482
Fully hydraulic steering in ZT 303 tractor. (Ger) Kratzsch, H *Deut Agrartech* 3: 110-113. 1973

071544 58.8 D482
Operation of mobile maintenance installations. (Ger) Schumann, L *Deut Agrartech* 3: 113-117. 1973

071545 58.8 D482
Basic regulations concerning maintenance costs of tractors for planning & setting process of reproduction in factory. I. (Ger) Neubauer, K H *Deut Agrartech* 3: 118-121. 1973

071546 58.8 D482
Maintenance costs of aids to mechanize plant production. (Ger) Bunge, H *Deut Agrartech* 3: 121-125. 1973

071547 290.9 M57
Future development of controlling systems of silos. (Hun) Szekely, B *Elelmezesi Ipar* 26 (11): 329-335. Eng. Sum. Nov 1972

071548 aSD388.A1U5
An evaluation of two tree shakers for harvesting cones. *Equip Dev Test Rep U S Dep Agric For Serv Equip Dev Cent (m Issoula)* 2400/4, 27 P. Dec 1972

071549 aSD388.A1U5
Nitrogen-pressurized spray system for C-47 airplanes. *Equip Dev Test Rep U S Dep Agric For Serv Equip Dev Cent (m Issoula)* 3400/5200-1, 12 P. Dec 1972

071550 58.8 K55
Mechanization for fruit culture. 2. Progress of self-propelled table for harvesting fruits. (Jap) Hirata, K *Farm Mech* 2: 31-34. Feb 1973

071551 58.8 K55
Lectures on farm machinery for easy understanding. 51. Tractor. 12. Structures & developing technology of tractors. (Jap) Sakai, J *Farm Mech* 2: 41-46. Feb 1973

071552 58.8 K55
Automatization of farm work. 2. Hopeful automatic operation of tractor. (Jap) Kanasu, M *Farm Mech* 2: 47-51. Feb 1973

071553 18 W763
Technology of vegetable sprinkling. (Ger) Henkel, A *Feldwirtschaft* 13 (12): 552-553. 1972

071554 99.8 F7794
Use of tractor with or without non-skid chains? (Ger) Popovici, A *Forsttech Inform* 24 (9): 65-69. Sept 1972

071555 HD1927.G7
Mechanized harvesting of Brussels sprouts. Boa, W *G B Agric Dev Advis Serv A.d.a.s. Q Rev* 8: 157-163. Spring 1973

071556 281.8 G25
Opportunties for cost saving in fattening lambs [Equipment]. (Hun) Bartos, A *Gazdalkodas* 17 (3): 23-319 eng. Sum. 1973

071557 290.8 G362
Mechanization of repair & cleaning of drainage network. (Rus) Kovalenko, G M *Gidrotekh Melior* 8: 57-63. Aug 1972

071558 290.8 G362
New machines for cleaning farm irrigation canals. (Rus) Vesmanov, V M *Gidrotekh Melior* 8:32-38. Aug 1972

071559 290.8 G362
Complex mechanization of fencing of cultivated pastures. (Rus) Maksimov, V *Gidrotekh Melior* 9: 37-38. Sept 1972

071560 290.8 G362
Mechanized planting of grass on slopes of drainage canals. (Rus) Saukiavichius, B P *Gidrotekh Melior* 9: 76-79. Sept 1972

071561 281.8 G76
Basic factors you shoul consider in selection of new grain drier. Hill, L D *Grain Age* 14 (4): 4, 6. Apr 1973

071562 S19.G74
Collective mechanised farming in U.S.S.R. Zaitsev, L *Green Revolution* P. 165-166. 1972

071563 S19.G74
Mechanised agriculture in prospect. [India]. Kherdekar, D N *Green Revolution* P. 61-65. 1972

071564 S19.G74
Mechanisation of Indian agriculture. Jacob, C M *Green Revolution* P. 66-68, 70. 1972

071565 58.8 G92
Pneumatic feeding of grain in seed drills. (Ger) Mahlstedt, J *Grundlagen Landtech* 22 (2): 33-38. Ref. Eng. Sum. 1972

071566 58.8 G92
Experiences with pneumatic technique of sowing. [Seed drills]. (Ger) Weiste, H *Grundlagen Landtech* 22 (2): 39-40. 1972

071567 58.8 G92
Measurement of plow forces & position of plow in a soil bin. Analysis of results by means of an analogue computer. (Ger) Graef, M *Grundlagen Landtech* 22 (3): 69-74. Ref. 1972

071568 58.8 G92
An electro-hydraulic two-variable-depth-control system for large tractor-mounted plows. 1. Systems with one-or two-variable-depth-control. (Ger) Hesse, H *Grundlagen Landtech* 22 (3): 75-79. 1972

071569 58.8 G92
Broadcasting of grain with coulters fed pneumatically. (Ger) Mahlstedt, J *Grundlagen Landtech* 22 (3): 79-84. Ref. 1972

071570 58.8 G92
An electro-hydraulic depth control system for large tractor-mounted plows based on two measurements. 2: performance of system, results of measurements. (Ger) Hesse, H *Grundlagen Landtech* 22 (4): 102-106. Ref. Eng. Sum. 1972

071571 58.8 G92
Four-wheel braking of farm tractors. (Ger) Radosavljevic, G *Grundlagen Landtech* 22 (4): 114-117. Eng. Sum. 1972

071572 58.8 G92
Trends of development of farm transport. [Vehicles]. (Ger) Segler, G *Grundlagen Landtech* 22 (4): 97-101. Eng. Sum. 1972

071573 58.8 G92
Soil tillage & grain sowing. [Equipment]. (Ger) Heege, H J *Grundlagen Landtech* 22 (5): 133-134. 1972

071574 58.8 G92
Fertilizer & plant protection equipment. (Ger) Gohlich, H *Grundlagen Landtech* 22 (5): 135-136. 1972

071575 58.8 G92
Harvesting equipment for cereals. (Ger) Baader, W *Grundlagen Landtech* 22 (5): 137-138. 1972

071576 58.8 G92
Equipment for hay making. (Ger) Wieneke, F *Grundlagen Landtech* 22 (5): 138-139. 1972

071577 58.8 G92
Potato harvesters. (Ger) Specht, A *Grundlagen Landtech* 22 (5): 139-140. 1972

071578 58.8 G92
Equipment for sugar beet harvesting. (Ger) Brinkmann, W *Grundlagen Landtech* 22 (5): 141-142. 1972

071579 58.8 G92
Cultivation & harvesting equipment in vegetable farming. (Ger) Kirschke, J *Grundlagen Landtech* 22 (5): 143-145. 1972

071580 58.8 G92
Mechanization of beef cattle rearing. (Ger) Claus, H G *Grundlagen Landtech* 22 (5): 145-146. 1972

071581 58.8 G92
Mechanization of swine production. (Ger) Blendl, H M *Grundlagen Landtech* 22 (5): 146-147. 1972

071582 58.8 G92
Attempt to predict horsepower & output of farm tractors as well as future development of their design. (Ger) Sohne, W *Grundlagen Landtech* 22 (6): 161-165. Eng. Sum. 1972

071583 58.8 G92
Effect of differential peripheral speeds of wheels of a four-wheel drive tractor on its drawbar performance. (Ger) Steinkampf, H *Grundlagen Landtech* 22 (6): 166-170. Eng. Sum. 1972

071584 58.8 G92
Behaviour of wheels of four-wheel drive tractors at low slips. (Ger) Drexl, H J *Grundlagen Landtech* 22 (6): 171-174. Eng. Sum. 1972

071585 58.8 G92
A draft outline of internally standardized track & row widths. (Ger) Gego, A *Grundlagen Landtech* 22 (6): 175-179. Ref. Eng. Sum. 1972

071586 58.8 G92
Liquid fertilizer application – state of art & problems. [Equipment]. (Ger) Lutz, D *Grundlagen Landtech* 22 (6): 180-182. Eng. Sum. 1972

071587 S469.R92E39
Efficiency of stationary distributors of feeds for cattle. (Rus) Bogush, A A *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 132-136. 1972

071588 S469.R92E39
On providing & utlizing transport facilities in rural areas. (Rus) Korogvich, A N *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 194-198. 1972

071589 S469.R92E39
Planning of truck runs. (Rus) Khlopeniuk, N G *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 198-202. 1972

071590 SB112.V6
Machines for mechanizing agricultural reclamation operations & their production prospects. (Rus) Rosliakov, N V *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 361-365. 1972

071591 SB112.V6
Machines & equipment for overhead spraying for furrows & strips. (Rus) Shigaev, V I *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 250-252. 1972

071592 SB112.V6
On machines for complex mechanization of agriculture in Volga region. (Rus) Mikhailin, N V *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 253-255. 1972

071593 SB112.V6
A new machine system for irrigated farming of Volga region. (Rus) Kovalenko, I I *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 247-250. 1972

071594 HD1945.A1I5
Irrigation material: Tendencies. (Fre) Dubalen, J *Inform Agr (paris)* 434: 45, 47-49. Mar 1973

071595 20 M57AG
New directions in mechanization of ploughing in field crop culture. (Ger) Karwowski, T *Int Z Landwirt* 1: 96-100. 1973

071596 20 M57AG
Studies of automation of irrigation. (Ger) Karai, J *Int Z Landwirt* 5: 587-591. 1972

071597 22 IN8
A handy tool for irrigation farmers. Rahdukar, W B *Intensive Agr* 10 (11): 21. Jan 1973

071598 58.8 J82
An approach to a universal tractor hitch. Kofoed, S S *J Agr Eng Res* 18 (1): 37-45. Ref. Mar 1973

071599 58.8 J82
Reduction of torsional vibration in a rotary cultivator transmission by means of resilient coupling. Hilton, D J *J Agr Eng Res* 18 (1): 47-54. Mar 1973

071600 58.8 J82
N.I.A.E. [National Institute of Agricultural Engineering] Mk II single wheel tester. [Tractor]. Billington, W P *J Agr Eng Res* 18 (1): 67-70. Mar 1973

071601 68.29 C652
Holder sprayer. [Coffee]. Pereira, J L *Kenya Coffee* 38 (443): 42-45, 47. Feb 1973

071602 58.8 L2352
160 Horsepower tractors in Zeeland. (Dut) Miedema, T T *Landbouwmechanisatie* 24 (3): 211-219. Mar 1973

071603 58.8 L2352
Relation of seed size to cell size of common corn drills. (Dut) Porskamp, H A H *Landbouwmechanisatie* 24 (3): 235-242. Eng. Sum. Mar 1973

071604 58.8 L2352
A look at some agricultural machinery in England. (Dut) Martens, K *Landbouwmechanisatie* 24 (3): 247-251. Mar 1973

071605 58.8 L2352
Notable research with agricultural tools. (Dut) Helwig, A J G *Landbouwmechanisatie* 24 (3): 267-272. Mar 1973

071606 58.8 L2352
Tires with a large load carrying capacity; a new interpretation. (Dut) Elema, H M *Landbouwmechanisatie* 24 (3): 277. Mar 1973

071607 58.8 L2352
Unicar system for dairy cattle. (Dut) Hoogerkamp, D *Landbouwmechanisatie* 24 (3): 279-280. Mar 1973

071608 58.8 L2352
Practical application of precision machines. [Beets, corn]. (Dut) Andringa, J T *Landbouwmechanisatie* 24 (3): 285-287. Mar 1973

071609 58.8 L239
Research & advisory activities in Great Britain. [Mechanization]. (Ger) Jones, P *Landmasch -Markt* 51 (20): 28-30. Dec 28, 1972

071610 58.8 L239
Use of manure spreaders – from point of view of economics. (Ger) Linzmair, P *Landmasch -Markt* 51 (4): 12-13. Eng. Sum. Mar 9, 1972

071611 58.8 L239
Tractor for developing countries. (Ger) Schafer, K *Landmasch -Markt* 51 (4): 28-29. Eng. Sum. Mar 9, 1972

071612 58.8 L239
Automated field choppers, savings through size. (Ger) Petersen, R *Landmasch -Markt* 51 (7): 16-17. Apr 27, 1972

071613 58.8 L239
Effective working methods for harvesting forage plants. [Equipment]. (Ger) Schurig, M *Landmasch -Markt* 51 (7): 6-7. Apr 27, 1972

071614 58.8 L239
Tractor power determines operations. (Ger) Petersen, R *Landmasch -Markt* 52 (4): 20-21. Eng. Sum. Mar 26, 1973

071615 58.8 L239
Purchasing power indicators for agricultural machinery. (Ger) Praetorius, R *Landmasch -Markt* 52 (4): 30-31. Mar 26, 1973

071616 58.8 L237
Structural change of agriculture & its effect on agricultural machinery industry. (Ger) Tschauner, F *Landmasch -Rundsch* 25 (1/2): 8. Jan/Feb 1973

071617 TJ1480.A1L3
Research & advisory activities in great Britain. [Farm equipment]. (Ger) Jones, P *Landmaschinenmarkt* 51 (4): 28-30. Eng. Sum. Dec 28, 1972

071618 58.8 L235
Determination of optimum capacity of agricultural field equipment. (Ger) Ruhling, W *Landtechnik* 28 (1): 5-8. Jan 15, 1973

071619 58.8 L235
Trends in development of equipment for plant production. (Ger) Wienecke, F *Landtechnik* 28 (2): 37-40. Feb 1, 1973

071620 58.8 L235
Large container – & economical means of transportation? (Ger) Hagedorn, W *Landtechnik* 28 (2): 50-51. Feb 1, 1973

071621 58.8 L235
Equipment for conventional manure removal from stables. (Ger) Schilling, E E *Landtechnik* 28 (4): 103-104, 106. Mar 1, 1973

071622 58.8 L235
Trends in development of technical methods of plant production. [Equipment]. (Ger) Wieneke, F *Landtechnik* 28 (4): 97-102. Mar 1, 1973

071623 99.8 L5622
Use of hydrostatic drive for rotary tillers of forest soil. (Rus) Nartov, P S *Les Khoz* 1: 52-55. Jan 1973

071624 99.8 L5622
Results of testing forest soil rotary tiller. (Rus) Strel'bitskii, V F *Les Khoz* 2: 51-52. Feb 1973

071625 58.8 D81
Mineral fertilizer sprayers – approved & new. (Ger) Brubach, M *Lohnunternehmen LandForstwirtsch* 27 (8): 283-287. Aug 15, 1972

071626 58.8 M186
Test on definition of degree of mechanization in agriculture. (Fre) Kuczynski, S *Mach Agr Trop* 40: 19-26. Oct/Dec 1972

071627 298.8 M292
About development of screw feeders. (Hun) Toth, A *Malomipar Termenyforgalom* 19 (3): 81-83. May/June 1972

071628 58.8 M467
Mechanical equipment for post-harvest processing & storing of grains in foreign countries. 2. (Cze) Lanca, I *Mech Zemedel* 22 (12): 435-439. Eng. Sum. 1972

071629 58.8 M467
Cubing of feedstuffs one of possible approaches. [Equipment, cattle]. (Cze) Megela, J *Mech Zemedel* 22 (12): 440-442. Eng. Sum. 1972

071630 58.8 M467
Experience with complete maintainance in mechanization of livestock production. (Cze) Rampa, L *Mech Zemedel* 22 (12): 442-445. Eng. Sum. 1972

071631 58.8 M467
Agricultural haulage with motor lorries. (Cze) Landa, V *Mech Zemedel* 24 (2): 46-48. Eng. Sum. 1973

071632 58.8 M467
System for distribution of in-let air in tractor cabs. (Cze) Maljarenko, L G *Mech Zemedel* 24 (2): 48-49. Eng. Sum. 1973

071633 58.8 M467
Handling of seeds & filling of multirow potato planters. [Equipment]. (Cze) Fixer, Z *Mech Zemedel* 24 (2): 49-53. Eng. Sum. 1973

071634 58.8 M467
Complete mechanization of pig farms. [U.S.S.R.]. (Ger) Omelcenko, A A *Mech Zemedel* 24 (2): 53-56. Eng. Sum. 1973

071635 58.8 M467
Recommended speed of travel of vehicles on field roads. (Cze) Tintera, J *Mech Zemedel* 24 (2): 56-59. Eng. Sum. 1973

071636 58.8 M467
Machines & implement for soil preparation, fertilizing & sowing at XIVth International Machinery Fair. (Cze) Brzkovsky, K *Mech Zemedel* 24 (2): 61-65. Eng. Sum. 1973

071637 S11.O78
Machines for cutting stubble. (Swe) Carlsson, E *Medlemsbl Ostergotlands Lans Hushallningssallsk* 5 (3): 6-7, 10. 1972

071638 44.8 M5998
Tank trucks for milk transportation. (Ger) Wildbrett, G *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 33: 275-280. Ref. Dec 1972

071639 44.8 M5998
Testing milking machines. (Ger) Vogelauer, R *Milchwirtsch Ber Bundesanst Wolfpassing Rotholz* 33: 329-330. Dec 1972

071640 18 N39
On development of flexible PVC drainpipes. (Ger) Knobloch, H *Mitt Deut Landwirt-ges* 87 (51): 1287-1289. Dec 14, 1972

071641 18 N39
DLG testing of corn field choppers. (Ger) Rilling, K E *Mitt Deut Landwirtges* 88 (15): 416-418, 420. Apr 12, 1973

071642 18 N39
DLG testing of animal heaters for rearin piglets. (Ger) Schrodl, J *Mitt Deut Landwirt-ges* 88 (16): 461-463. Apr 19, 1973

071643 275.29 N811
Intermittent mist propagation. [Equipment]. Spangler, R L *N C Univ Ext Ext Circ* 506 (Rev), 13 P. Jan 1973

071644 100 N813B
Self feeder for cattle. Conlon, T *N Dak Farm Res* 30 (4): 40-41. Mar/Apr 1973

071645 513 OB3
Considerations of weather & operation for hay balers. (Jap) Nambu, S *Obihiro Zootech Univ Res Bull* (Ser. 1) 7 (4): 661-671. Ref. Eng. Sum. Jan 1973

071646 513 OB3
Power requirement of tractor on constructing plastic mole drain. (Jap) Ohtomo, K *Obihiro Zootech Univ Res Bull* (Ser. 1) 7 (4): 672-687. Eng. Sum. Jan 1973

071647 100 OH3RS
A preliminary report on development of a greenhouse leaf lettuce harvester. Short, T H *Ohio Agr Res Develop Center Res Sum* 66: 41. Apr 1973

071648 100 OR3M
A decision model for apple harvester selection. Rudkin, T H *Oreg Agr Exp Sta Spec Rep* 381, 53 P. Ref. Apr 1973

071649 281.9 B87
Use of power of large tractors. (Fre) Achart, J *Prod Agr Fr* 49 (124): 19-21. Feb 2, 1973

071650 281.9 B87
Milking equipment at 44th SIMA [International Exhibition of Agricultural Machinery]. (Fre) Darracq, J *Prod Agr Fr* 49 (124): 46-47. Feb 2, 1973

071651 49 P952
New mechanical milking machines for private farms. (Pol) Baranowski, J *Przegl Hodowlany* 41 (19): 18-20. Oct 1/15, 1972

071652 49 P952
Some equipment for small scale mechanization in animal husbandry. (Pol) Woznicki, K *Przegl Hodowlany* 41 (21): 23-25. Nov 1/15, 1972

071653 SB950.A1P3
Care & maintenance of spraying equipment in tropics. Clayphon, J E *PAns Pest Artic News Summ* 19 (1): 13-23. Mar 1973

071654 24 R323
Short elucidation on lubricants & their applications. [Equipment]. (Por) Mesquita da Silva, N *Rev Agr (mocambique)* 15 (151): 31-37. Oct 1972

071655 335.8 R32
From Christmas turkey to everyday turkey. [Electric equipment]. (Fre) Jannaud, C *Rev Appl Elec* 46 (239): 92-95. Fourth Quarter 1972

071656 80 R3212
Point of view of a truck gardner: mechanization & machines. (Fre) Blondin, P *Rev Hort Suisse* 45 (10): 279-283. Oct 1972

071657 80 R32
Spray irrigation: different means, costs of installation. (Fre) Lebel, J *Rev Hort* 2311: 15-20. Jan/Feb 1973

071658 80 R32
Some novelties & tendencies in mechanized amateur gardening. (Fre) Dalleinne, E *Rev Hort* 2311: 23-25. Jan/Feb 1973

071659 80 R32
Upkeep of green spaces in firstly choice of equipment. (Fre) Sanselme, H *Rev Hort* 2311: 68-72. Jan/Feb 1973

071660 SF1.R54
A sugar beet harvesting machine assembled in shop. (Ita) Francia, E *Rilancio Agric Vet Zootec* 4 (8/9): 27-29. 1972

071661 335.8 N27
Noise hazards & control on farm. [Equipment]. Mumgaard, M L *Rural Electr Nebr* 27 (4): 12-13. Apr 1973

071662 100 SO82S
Automatic controls for cold air hay drying. Hellickson, M A *S Dak Farm Home Res* 24 (1): 11-13. Spring 1973

071663 100 SO82S
Freight car supply; a South Dakota transportation problem. Lorenz, F *S Dak Farm Home Res* 24 (1): 14-16. Spring 1973

071664 80 SA15
Large-scale mechanization for orchards & vineyards. (Rus) Sheinkar, L S *Sadov Vinogradarstvo Vinodelie Moldavii* 1: 42-43. Jan 1973

071665 80 SA15
Determining efficiency of newly-operative machines. [Orchard equipment, vineyard equipment]. (Rus) Mogorianu, V I *Sadov Vinogradarstvo Vinodelie Moldavii* 1: 44-47. Jan 1973

071666 80 SA15
Orchard culture at Moldavian Machine Testing Center. [Spraying equipment, irrigation equipment, planting equipment]. (Rus) Lerner, S R *Sadov Vinogradarstvo Vinodelie Moldavii* 1: 6-8. Jan 1973

071667 65.8 SA2
Selecting equipment for loading beets into freight cars. (Rus) Kichigin, N M *Sakharn Prom* 1: 36-38. Jan 1973

071668 65.8 SA2
Improving beet cleaners for mobile storage piling machines. (Rus) Novikov, V A *Sakharn Prom* 1: 39-44. Jan 1973

071669 58.8 T678AG
Tractors tested according to regulations of Organization for Economic Co-operation & Development. (Ger) Uenala, N *Schweiz Landtech* 34 (9): 564-569. July 1972

071670 58.8 T678AG
Trends in spraying equipment in agriculture. (Ger) Magister, W *Schweiz Landtech* 35 (4): 222-225. Mar 1973

071671 58.8 T678AG
Contribution to mechanical milking. 1. Labor economy problems of milking in tie-in stalls. (Ger) Schonenberger, A *Schweiz Landtech* 35 (4): 252-258. Mar 1973

071672 58.8 T678AG
Contribution to mechanical milking. 2. Technical installation for prevention of damages from blind milking. (Ger) Nosal, D *Schweiz Landtech* 35 (4): 259-264. Mar 1973

071673 S671.S4
Study of combined units for harvesting vegetables, tobacco & other crops. (Bul) Vasileva, V *Selskostop Tekh* 9 (8): 15-27. 1972

071674 S671.S4
Study of feasibility of mechanized harvesting & primary processing of carrots. (Bul) Gaidarov, N *Selskostop Tekh* 9 (8): 29-44. 1972

071675 S671.S4
Basis for parameters of tobacco dryer with air heated by liquid fuel. (Bul) Kamdzelis, N *Selskostop Tekh* 9 (8): 3-14. 1972

071676 S671.S4
On interaction of airflow & streams of grain in vertical exhaust canals of grain cleaners. (Bul) Guzhgulov, G *Selskostop Tekh* 9 (8): 45-52. 1972

071677 S671.S4
Effect of certain factors on quality of peas during shelling. [Equipment]. (Bul) Kumanov, B *Selskostop Tekh* 9 (8): 53-62. 1972

071678 S671.S4
Study of various technologies for harvesting fiber flax in mountain regions of Bulgaria. (Bul) Gerchev, S *Selskostop Tekh* 9 (8): 63-72. 1972

071679 S671.S4
Study of cyclone spark extinguishers. [Tractors]. (Bul) Vakarelski, I *Selskostop Tekh* 9 (8): 81-89. Ref. 1972

071680 S671.S4
Power of camshaft mechanisms. [Equipment]. (Bul) Konstantinov, M *Selskostop Tekh* 9 (8): 91-100. 1972

071681 S13.S55
'elita,' a two-drum grain harvesting combine. (Rus) Login, A D *Sib Vestn S-kh Nauk* 6: 95-102. Nov/Dec 1972

071682 58.9 SO1
Forging process in agricultural mechanics 1. Effect of heating-material (charcoal) on some properties of metals. (Jap) Sato, J *Soc Agr Mach Jap J* 34 (3): 269-273. Eng. Sum Dec 1972

071683 58.9 SO1
Compressive wafering of leguminous hay. II. Study of ring type roller-die wafering machine. (Jap) Matsuo, M *Soc Agr Mach Jap J* 34 (3): 274-279. Eng. Sum. Dec 1972

071684 S542.R6U5
Researches on maximum advance of planer of combine in case of harvesting of certain plants. (Rum) Petrescu, G *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 449-455. Eng. Sum. 1971 (Pub. 1972)

071685 S542.R6U5
Studies concerning behavior in operation of MIG-2,2 manure spreading machine in aggragate with L-400 tractor, for its utilization in vegetable culture. (Rum) Marinescu, F *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 457-464. 1971 (Pub. 1972)

071686 S542.R6U5
Studies & research concerning improvement of exploitation indices of MPR-5 planter. (Rum) Georgoata, P *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 465-471. 1971 (Pub. 1972)

071687 S542.R6U5
Contributions for improvement of qualitative & work indices of disseminating machine of MA3,5 chemical conditioners & fertilizers. (Rum) Lica, I *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 473-479. (Pub. 1972)

071688 20 AK16
On theory of motion of layer with vibrating screens in grain cleaning machines. (Rus) Deberdeev, D F *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 112-115. Jan 1973

071689 20 AK16
Determining basic parameters of combined feeders for mechanized feeding of sheep. (Rus) Abdullaev, M *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 115-119. Jan 1973

071690 20 AK16
Parameters of operating AVM-0.4 unit for production of vitaminized grass meal. (Rus) Bat'kaev, R IA *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 71-75. Jan 1973

071691 20 V82
Engine power in operation of a tractor with corn harvesting combines. (Ukr) Koval'chuk, V I *Visnyk Sil's'kohospodar Nauk* 1: 25-28. Jan 1973

071692 20 V82
Uniformity of motion of plow body on an elastic depth suspension device. (Ukr) Riabtsev, H O *Visnyk Sil's'kohospodar Nauk* 1: 28-30. Jan 1973

071693 20 V82
On forecasting average speed of motor vehicles in transporting agricultural products. (Ukr) IAtskivs'kyi, L IU *Visnyk Sil's'kohospodar Nauk* 2: 26-28. Feb 1973

071694 20 V82
Characteristics of tractor loads in culture & harvesting of sugar beets. (Ukr) IEvtenko, V H *Visnyk Sil's'kohospodar Nauk* 2: 29-35. Feb 1973

071695 20 V82
Increasing durability of feed-grinding knives. (Ukr) Kryzhko, V M *Visnyk Sil's'kohospodar Nauk* 2: 35-38. Feb 1973

071696 20 V82
On stabilizing linear motion of MTZ-50L tractor with self-blocking differential. (Ukr) Mel'nykov, D I *Visnyk Sil's'kohospodar Nauk* 3: 30-32. 1973

071697 20 AK1
Optimum selection of parameters of self-propelled rotary tiller. (Rus) Timofeev, A I *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 2: 42-43. Feb 1973

071698 20 AK1
On study of centrifugal separators of grain mixes. (Rus) Avdeev, N E *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 2: 44-45. Feb 1973

071699 100 W27S
Potato combines; Washtington growers report. Peterson, C L Agricultural Experiment Station *Wash Agr Exp Sta Circ* 561, 16 P. Mar 1973

071700 100 W27S
Farm machinery & implement dealerships in Pacific Northwest. Folwell, R J *Wash Agr Exp Sta Circ* 562, 23 P. Mar 1973

071701 95.8 W73
Mechanization in viticulture. (Ger) Kainz, E *Winzer* 28 (5): 107-108. May 1972

071702 281.8 W892
Agricultural machinery use in France. Swiss, M *World Crops* 24 (3): 153. May/June 1972

071703 58.9 C333
Kinematic properties of beet topper in root tracing. (Cze) Kalina, J *Zemed Tech* 18 (12): 713-726. Eng. Sum. Dec 1972

071704 58.9 C333
Conditions for & quality of threshing maize for grain in case of harvesting with cereal combines. (Slo) Fortunik, F *Zemed Tech* 18 (12): 727-746. Eng. Sum. Dec 1972

071705 58.9 C333
Analysis of losses caused by lack of reliability in farm machines & equipments for mechanized processes in animal production. (Cze) Kavka, M *Zemed Tech* 18 (12): 755-760. Eng. Sum. Dec 1972

071706 58.9 C333
Silicon controlled rectifier as a source for electromagnetical seed separators. (Cze) Cerny, V *Zemed Tech* 19 (1): 29-36. Eng. Sum. Jan 1973

071707 58.9 C333
System applied in introduction of new agricultural machines. (Cze) Hubalek, K *Zemed Tech* 19 (1): 53-59. Eng. Sum. Jan 1973

071708 20.5 Z5
Concept of 'chemotechnology' & of minimumtillage system. [Fertilizers, application equipment]. (Ger) Egerszegi, S *Zeszyty Probl Postepow Nauk Roln* 137: 301-308. Ref. 1972

SOIL SCIENCE

071709 11 AC82
Ionic relationships of soil & plant. IV. Ion uptake in relation to membrane activity & soil moisture. [Peas, wheat]. Mattson, S *Acta Agr Scand* 23 (1): 11-16. 1973

071710 S19.A32
Reducing evapo-transpiration under dry land farming. Singh, O S *Agric Agro-ind J* 6 (2): 5-7. Ref. Feb 1973

071711 22.5 AG862
Progress of soil & fertilizer sciences in Taiwan in 1972. (Chi) *Agric Assoc China J* (New Ser.) 80: 168-171. Dec 1972

071712 385 AG83
Leaching of heavy textured saline soils on Kura-Araks Lowland (Azerbaijan SSR) using chemicals amendments. (Hun) Tejimurov, K G *Agrokem Talajtan* 21 (3/4): 293-314. Ref. Eng. Sum. 1972

071713 385 AG83
Physicochemical studies of soil fulvic acid. (Hun) Chatterjee, B C *Agrokem Talajtan* 21 (3/4): 321-326. Eng. Sum. 1972

071714 385 AG83
Fluorescence excitation spectra of natural & synthetic hymatomelanic acids. (Hun) Ghosh, K *Agrokem Talajtan* 21 (3/4): 327-326. Ref. Eng. Sum. 1972

071715 385 AG83
Interpretation of infrared spectra of some soil samples. (Hun) Torok, I *Agrokem Talajtan* 21 (3/4): 387-393. Eng. Sum. 1972

071716 385 AG83
Determination of chloride content of soil solutions by automatic titration equipment. (Hun) Torok, I *Agrokem Talajtan* 21 (3/4): 394-398. Eng. Sum. 1972

071717 385 AG83
Studies of denitrification characteristics of Pseudomonas stutzeri. [Soil bacteria]. (Hun) Timar, M *Agrokem Talajtan* 21 (3/4): 399-406. Eng. Sum. 1972

071718 385 AG83
Relationship between texture of 'grape soils' & optimal dosage of chlortriasine-based herbicide preparates. (Hun) Kiss, A *Agrokem Talajtan* 21 (3/4): 407-414. Ref. Eng. Sum. 1972

071719 385 AG83
Alkali soils & Solonetz soils. (Hun) Szabolcs, I *Agrokem Talajtan* 21 (3/4): 415-434. Ref. 1972

071720 385 AG89
Manganese in irrigated soils of Andizhan Region of Uzbek SSR. (Rus) Kruglova, E K *Agrokhimiia* 2: 101-110. Ref. Feb 1973

071721 385 AG89
Cobalt in orchard soils of lowland Dagestan. (Rus) Mursalova, M G *Agrokhimiia* 2: 115-117. Feb 1973

071722 385 AG89
On effectiveness & assimilability of phosphorites of Dniester region. (Rus) Chernikova, Z A *Agrokhimiia* 2: 138-140. Feb 1973

071723 385 AG89
Diurnal course of removal of ammonia & nitrogen dioxide from soil. (Rus) Makarov, B N *Agrokhimiia* 2: 141-143. Feb 1973

071724 385 AG89
Some new paths in development of theory of D. N. Prianishnikov on nitrogen in agriculture in USSR. (Rus) Sapozhnikov, N A *Agrokhimiia* 2: 3-13. Ref. Feb 1973

071725 385 AG89
Change in content of mobile phosphorus in leached Chernozem soil of Altai Territory during vegetative period. (Rus) Zhezher, A IA *Agrokhimiia* 2: 34-39. Feb 1973

071726 385 AG89
Effect of winter rye grown in monoculture on its yield & fertility of dark gray podzolized soil. (Rus) Grib, N I *Agrokhimiia* 2: 57-65. Ref. Feb 1973

071727 385 AG89
Effect of preceding crops on yield of wheat & corn & nutritional conditon of soil. (Rus) Lazarev, S G *Agrokhimiia* 2: 66-69. Feb 1973

071728 385 AG89
Effect of root & stubble residues on soiil fertility & hemp yield. (Rus) Borisenko, P T *Agrokhimiia* 2: 83-89. Feb 1973

071729 442.9 AK18
Number & floristic composition of algae in cultivated soddy calcareous soil. (Est) Riis, H *Akad Nauk Est Ssr Izv Ser Biol* 21 (4): 366-373. Ref. Eng. Sum. 1972

071730 442.8 AL6
Bacterial reduction of sulfates in soils of Mangyshlak Peninsula. [Environmental pollution]. (Rus) Mendeshev, A *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 2: 33-38. Mar/Apr 1973

071731 442.8 AL6
Change in amount of slightly hydrolyzed nitrogen & number of microorganisms in waterlogged soil relative to application of rice straw & mineral nitrogen. (Rus) Suleimenova, S I *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 2: 39-43. Mar/Apr 1973

071732 442.8 AL6
Biological activity of southern Kazakhstan soils when herbicides are applied. (Rus) Chulakov, Sh A *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 2: 7-13. Ref. Mar-/Apr 1973

071733 511 P444A
Determination of activity of glutaminase in soil. (Rus) Galstian, A Sh *Akad Nauk SSsr Dokl* 209 (5): 1201-1202. 1973

071734 511 P444A
Role of microorganisms in forming manganese-iron concretions in soils of brown forest region of Soviet Far East. (Rus) *Akad Nauk SSsr Dokl* 209 (5): 1203-1205. 1973

071735 290.9 AM32T
Relationship between rheological coefficients & soil parameters in compression test. Ram, R B *Amer Soc Agr Eng Trans ASae* 15 (6): 1054-1058. Nov/Dec 1972

071736 506 SP12
Phytoliths: Natural silica gel. (Spa) Peinemann, N *An Edafol Agrobiol* 31 (11/12): 1011-1026. Ref. Eng. Sum. Nov/Dec 1972

071737 506 SP12
Study of primary minerals in soils of Tenerife. (Spa) Perez Mateos, J *An Edafol Agrobiol* 31 (11/12): 851-864. Eng. Sum. Nov/Dec 1972

071738 506 SP12
Natural soil areas in lower Segura plain: Formation of sandy soils in San Fulgencio (Alicante). (Spa) Carpena, O *An Edafol Agrobiol* 31 (11/12): 865-880. Eng. Sum. Nov/Dec 1972

071739 506 SP12
Genetic study of same rendzina soils from Navarra Pyrenees. (Spa) Hoyos, A *An Edafol Agrobiol* 31 (11/12): 977-1000. Map. Ref. Eng. Sum. Nov/Dec 1972

071740 442.8 AR26
A mathematical model of nitrification process in soil. (Ger) Paul, W *Arch Mikrobiol* 87 (1): 77-92. Ref. Eng. Sum. Oct 10, 1972

071741 23 AU792
Changes in nitrogen & sulphur content & other soil properties after application of ammonium sulphate to grazed pastures in Western Australia. Watson, E R *Australian J Exp Agr Anim Husb* 13 (60): 69-74. Feb 1973

071742 23 AU792
Studies on some deep sandy soils in Cape York Peninsula, North Queensland. I. Morphological & chemical characteristics. Isbell, R F *Australian J Exp Agr Anim Husb* 13 (60): 81-88. Map. Ref. Feb 1973

071743 23 AU792
Studies on some deep sandy soils in Cape York Peninsula, North Queensland. 2. Plant nutrient status. Jones, R K *Australian J Exp Agr Anim Husb* 13 (60): 89-97. Ref. Feb 1973

071744 23 AU792
Seed pelleting to improve nodulation of tropical & subtropical legumes. 5. contrasting response to lime pelleting of two Rhizobium strains on Leucaena leucocephala. Norris, D O *Australian J Exp Agr Anim Husb* 13 (60): 98-101. Ref. Feb 1973

071745 60.19 B773
Effect of strength, tilth & heterogeneity of soil surface on radicle-entry of surface-sown seeds. Campbell, M H *Brit Grassland Soc J* 28 (1): 41-50. Ref. Mar 1973

071746 79.9 B77
Influence of soil factors on availability of atrazine & linuron to plants. [Wheat]. Walker, A *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 800-805. Ref. 1972

071747 S13.B7
Properties of soils under application of fly-ashes. II. Influence of fly-ashes on composition of soil humus. (Cze) Dvornik, J *Brno Acta Univ Agr Fac Agron* 20 (2): 175-181. Eng. Sum. 1972

071748 56.8 C162
Influence of selected grasses & forbs on soil phosphatase activity. Neal, J L *Can J Soil Sci* 53 (1): 119-121. Ref. Feb 1973

071749 56.8 C162
Gas chromatography of gases emanating from a saturated soil system. Bailey, L D *Can J Soil Sci* 53 (1): 122-124. Feb 1973

071750 56.8 C162
Distribution of nitrogen in fungal 'humic acids'. [Soils]. Ortiz de Serra, M I *Can J Soil Sci* 53 (1): 125-127. Feb 1973

071751 56.8 C162
Effects of soil temperature on early growth of six single-cross corn hybrids. MacLean, A J *Can J Soil Sci* 53 (1): 128-129. Feb 1973

071752 56.8 C162
Amounts of mercury in soil of some golf course sites. MacLean, A J *Can J Soil Sci* 53 (1): 130-132. Feb 1973

071753 56.8 C162
Extraction of 14c[carbon]-labelled chlorophenoxyacetic acids from soil. Foster, R K *Can J Soil Sci* 53 (1): 135-136. Feb 1973

071754 56.8 C162
Elimination of magnesium hydroxide interference in infrared identification of kaolinite in soil clays. Coen, G *Can J Soil Sci* 53 (1): 137-140. Ref. Feb 1973

071755 56.8 C162
Measurement of hydraulic conductivity of peats. Dai, T S *Can J Soil Sci* 53 (1): 21-26. Feb 1973

071756 56.8 C162
Influence of basic material on soil genesis in Thetford-Black Lake area, Province of Quebec. De Kimpe, C R *Can J Soil Sci* 53 (1): 27-35. Ref. Feb 1973

071757 56.8 C162
Effects of pipeline installation on soil properties & productivity. De Jong, E *Can J Soil Sci* 53 (1): 37-47. Ref. Feb 1973

071758 56.8 C162
Soil moisture movement under temperature gradients. Joshua, W D *Can J Soil Sci* 53 (1): 49-57. Ref. Feb 1973

071759 56.8 C162
Soil temperature & moisture conditions in relation to growth & quality of field peas. Mack, A R *Can J Soil Sci* 53 (1): 59-72. Ref. Feb 1973

071760 56.8 C162
Fungal flora & rate of decomposition of leaf litter at low temperatures. [Soils]. Ivarson, K C *Can J Soil Sci* 53 (1): 79-84. Ref. Feb 1973

071761 56.8 C162
Vanillin derivatives from a copper peat. Morita, H *Can J Soil Sci* 53 (1): 85-86. Feb 1973

071762 56.8 C162
Soil morphology & soil physical properties. II. Mechanical impedance & moisture retention & movement. Ayres, Kw *Can J Soil Sci* 53 (1): 9-19. Ref. Feb 1973

071763 56.8 C162
Manganese status of some Fraser Valley soils. Safo, E Y *Can J Soil Sci* 53 (1): 95-101. Ref. Feb 1973

071764 S590.C63
Comparative effectiveness of several d-amino acid oxidases. [Assay methods, soil extract, plant extract]. Young, J L *Commun Soil Sci Plant Anal* 4 (2): 129-135. Ref. 1973

071765 S590.C63
Sampling for soil nitrogen changes in large areas of grazed pastures. Vallis, I *Commun Soil Sci Plant Anal* 4 (2): 163-170. Ref. 1973

071766 S590.C63
Effects of temperature on phosphate sorption isotherms & phosphate desorption. [Soils]. Gardner, B R *Commun Soil Sci Plant Anal* 4 (2): 83-93. Ref. 1973

071767 41.8 C81
Selenium in food chain. [Soils, plants, animals]. Allaway, W H *Cornell Vet* 63 (2): 151-170. Ref. Apr 1973

071768 512 SO2
Certain new concepts on chemistry of cation exchange between root adsorption of plants & soil adsorption. (Fre) Ganev, S I *Dokl Bolg Akad Nauk* 25 (10): 1367-1370. Ref. 1972

071769 410 EC7
Structure & cation content of a podzolic soil of Long Island, N. Y., seven years after destruction of vegetation by chronic gamma irradiation. [Forests]. Horrill, A D *Ecology* 54 (2): 439-444. Ref. Early Spring 1973

071770 QH540.E3
Influence of soil humidity on entering of strontium-90 into plants. (Rus) Molchanova, I V *Ekologiia* 3: 78-80. 1972

071771 TD172.E48
Federal regulation of strip mining. [Soils]. Larsen, T A *Environ Aff* 2 (3): 533-561. Ref. Winter 1972

071772 10 EX72
Effects of soil moisture stress on two varieties of upland cotton in Israel. Iv. Effects of periods of stress occurrence, correlations & regressions. Marani, A *Exp Agr* 9 (2): 121-128. Apr 1973

071773 QK1.F5
Content of vitamins in soil & their effect on growth of maize plants. (Rus) Epanchinov, A V *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 5 (1): 50-54. Ref. Eng. Sum. Jan/Feb 1973

071774 99.8 F71
Soil conditions of an experimental area in compartment 319 of Bialowieza National Park. (Pol) Kucaba, S *Folia Forest Pol Ser A Lesnictwo* 20: 39-52. Map. Eng. Sum. 1972

071775 99.8 F7632
Patterns of soil mositure depletion in a mixed oak stand. Brown, J H *Forest Sci* 19 (1): 23-30. Ref. Mar 1973

071776 S590.G4
Vertical movement in an undisturbed soil: continuous measurement of swelling & shrinkage with a sensitive tus. Yaalon, D H *Geoderma* 8 (4): 231-240. Ref. Dec 1972

071777 S590.G4
Effects of sodium carbonate on carbon & nitrogen mineralisation of organic matter added to soil. Laura, R D *Geoderma* 9 (1): 15-26. Ref. Mar 1973

071778 S590.G4
Studies on mineralization & immobilization of nitrogen in soil. Mundra, M C *Geoderma* 9 (1): 27-33. Ref. Mar 1973

071779 S590.G4
Effect of ground water high in Mg [magnesium] on cation exchange of Na [sodium]-illite in presence of CaCo3 [calcite]. Mondal, R C *Geoderma* 9 (1): 35-41. Ref. Mar 1973

071780 S590.G4
Distribution of minor elements among components of a soil developed in loess. Riche, H H L *Geoderma* 9 (1): 43-57. Ref. Mar 1973

071781 S590.G4
Effects of drying & wetting extractable aluminum in strongly acid soils & in aluminum-saturated clays. Westfall, D G *Geoderma* 9 (1): 5-13. Ref. Mar 1973

071782 S590.G4
Studies of some soils in NW Himalayas & highlands of India. Sehgal, J L *Geoderma* 9 (1): 59-74. Ref. Mar 1973

071783 403 G29
Observations of electrical conductivity of tropical soils of western Puerto Rico. Walker, J W *Geol Soc Amer Bull* 84 (5): 1743-1751. Map. Ref. May 1973

071784 GB401.G4
Use of aerial survey in studying karst. (Rus) Chikishev, A G *Geomorfologiia* 1: 49-57. Ref. Eng. Sum. Jan/Mar 1973

071785 18 G31
Transport by soil percolation of nutritive substances contained in mineral fertilizers to sub-radicular soil levels. (Ger) Czeratzki, W *Germany Bundesmin Ernahr Landwirt Forsten Ber Landwirt* 50 (2): 465-476. Ref. Eng. Sum. July 1972

071786 105.1 G344
Effect in vitro of soil fumigants on soil microbial population in relation to degradation of tobacco mosaic virus. Doraiswamy, S *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 492-499. Ref. 1972

071787 105.1 G344
Influence of Hygromull on soil fauna in azalea culture. [Rhododendron hybrida]. (Dut) Heungens, A *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 824-830. Eng. Sum. 1972

071788 290.8 G362
Organization of research on water & salt balance of improved soils. [Drainage, irrigation]. (Rus) Kats, D M *Gidrotekh Melior* 8: 42-46. Aug 1972

071789 SB1.H6
A simplified soil temperature regulation system. Pellett, H *Hortscience* 8 (2): 94. Apr 1973

071790 S593.O7
Methods of studying organic substances of soil. (Rus) *In Organicheskoe Veshchestvo Tselinnykh i Osvoennykh Pochv* P. 224-275. Ref. 1972

071791 TK9400.S92 1972
Optimization of sampling for determining water bal (Fre) Peyremorte, P *In Symposium on the Use of Isotopes and Radiation in Re Search on Soil-plant Relat incl For, Vienna, 1971. Proc* P. 631-647. Eng. Sum. 1972

071792 TK9400.S92 1972
Distribution of chlorine, bromine & iodine in Norwegian forest soils studied by neutron activation analysis. Lag, J *In Symposium on the Use of Isotopes and Radiation in Re Search on Soil-plant Relat incl For, Vienna, 1971. Proc* P. 383-395. 1972

071793 TK9400.S92 1972
Evaluation of an improved optical nitrogen-15 analyser. [Soils]. Karlsson, L *In Symposium on the Use of Isotopes and Radiation in Re Search on Soil-plant Relat incl For, Vienna, 1971. Proc* P. 211-216. Ref. 1972

071794 TK9400.S92 1972
Amino acids in clay-humic acid complex formation. [Soils]. Scharpenseel, H W *In Symposium on the Use of Isotopes and Radiation in Re Search on Soil-plant Relat incl For, Vienna, 1971. Proc* P. 193-210. 1972

071795 SB112.V6
Effect of degrees of crumbling of light Chestnut soils on their hydrological properties (basis of tillage methods). (Rus) Filatov, A A *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 262-266. 1972

071796 385 IN27
Effect of dilute salt solutions on Chernozem soil estimated through hydration properties of colloids. Datta, B *Indian Chem Soc J* 49 (11): 1131-1136. Ref. Nov 1972

071797 22 AG83I
Note on comparison of some methods of organic carbon estimation in soils. Mohapatra, A R *Indian J Agr Sci* 42 (10): 955-957. Oct 1972

071798 22 AG83I
Note on relationship between pH [hydrogen-ion concentration] of saturated soil paste & 1:2 soil water suspension. Gupta, I C *Indian J Agr Sci* 42 (10): 962-963. Oct 1972

071799 22 AG83I
Note on occurrence of pigmented strains of Rhizobium in saline-alkali soils. Bhardwaj, K K R *Indian J Agr Sci* 42 (10): 963-964. Oct 1972

071800 22 IN235
Note on effect of rhizobium [japonicum] innoculation on cowpea groundnut & green gram. [Mung beans]. Sahu, S K *Indian J Agron* 17 (4): 359-360. Dec 1972

071801 100 IO9SP
Soil moisture available for plant growth in Iowa. Shaw, R H *Iowa State Univ Ext Spec Rep* 70, 30 P. Map. Nov 1972

071802 10 J822
Losses of nitrogen & other plant nutrients to drainage from soil under grass. [Soil leaching]. Garwood, E A *J Agr Sci (London)* 80 (2): 303-312. Ref. Apr 1973

071803 340.9 SO1
Moisture movement in soil due to a moisture gradient. (Jap) Suzuki, Y *J Agric Meteorol (jap)* 28 (3): 17-24. Ref. Eng. Sum. Jan 1973

071804 385 Z65AE
Atomic-absorption determination of total content & mobile forms of microelements in soil after their concentration by extraction with hexamethyleneammonium hexamethylene-dithiocarbamate Busev, A I *J Anal Chem Ussr* 27 (3): 532-534 Mar 1972 Transl. Sept 1972

071805 450 J829
Studies on southern Pennine peats. V. Direct observations on peat erosion & peat hydrology at Featherbed Moss, Derbyshire. Tallis, J H *J Ecol* 61 (1): 1-22. Maps. Mar 1973

071806 450 J829
Comparative studies of plant growth & distribution in relation to waterlogging. VII. influence of water-table fluctuations on iron & manganese availability in dune slack soils. Jones, R *J Ecol* 61 (1): 107-116. Ref. Mar 1973

071807 450 J829
Environmental factors influencing ion transport in a Douglas-fir forest soil in western Washington. [Pseudotsuga meniesii]. McColl, J G *J Ecol* 61 (1): 71-83 ref. Mar 1973

071808 292.8 J82
Soil-suction measurements for evaluation of vertical water flow at greater depths with a pressure transducer tensiometer. Strebel, O *J Hydrol (amsterdam)* 18 (3/4): 367-370. Mar 1973

071809 60.18 J82
Plant induced soil salinity patterns in two saltbush (Atriplex spp.) communities. Sharma, M L *J Range Manage* 26 (2): 121-125. Mar 1973

071810 382 SO12
Symposium on Nutrient Losses from Soil by Leaching & Drainage. *J Sci Food Agr* 24 (4): 479-483. Apr 1973

071811 56.8 J27
Reduction mechanism of manganese in paddy soils. 3. Manganese reducing microorganisms in soils & reduction mechanism of manganese in culture solution. (Jap) Yoshida, K *J Sci Soil Manure, Jap* 43 (12): 451-455. Dec 1972

071812 56.8 J822
Soil fertility problems associated with land forming in Coastal Plain. Phillips, J A *J Soil Water Conserv* 28 (2): 69-73. Mar/Apr 1973

071813 385 K524
Effect of different doses of herbicides on microflora of sierozem-meadow soil of cotton crops. (Rus) Tulabaev, B D *Khim Sel'skom Khoz* 10 (10): 56-60. Ref. 1972

071814 385 K524
Determining hydrolytic acidity of peat-bog soils by Kappen method. (Rus) Rusetskii, V F *Khim Sel'skom Khoz* 10 (10): 75-77. 1972

071815 385 K524
Effect of inhibitors of nitrification on conversion of nitrogen fertilizers in soil & their efficiency. (Rus) Smirnov, P M *Khim Sel'skom Khoz* 11 (1): 19-21. 1973

071816 385 K524
Supplies of humus & nitrogen in eroded soils. (Rus) Cheremisinov, G A *Khim Sel'skom Khoz* 11 (2): 19-24. Ref. 1973

071817 18 L2333A
Vertical migration of mineral phosphoric acid under heavy phosphate fertilization. (Ger) Munk, H *Landwirt Forsch Sonderheft* 27/I: 192-199. 1972

071818 56.9 R44
Partial evaluation of soils depending on cultivation effectiveness of some crops. [Latvia]. (Rus) Boruks, A *Latv Nauch-issled Inst Zeml Poch Urozhai* 20: 5-24. Eng. Sum. 1972

071819 56.9 R44
Effectiveness of aerophotographs in correction of large-scale soil maps. (Rus) Svede, U *Latv Nauch-issled Inst Zeml Poch Urozhai* 20: 61-71. Eng. Sum. 1972

071820 56.9 R44
Washing out & absorption of phosphorus & potassium by plants from different soil & bed-rocks in lysimetric investigations. (Rus) Vaivare, M *Latv Nauch-issled Inst Zeml Poch Urozhai* 20: 89-103. Ref. Eng. Sum. 1972

071821 511 R442
Soil actinomycetes in Latvia. II. Non-pigmented cultures. (Rus) Pavlovica, D *Latv Psr Zinat Akad Vestis Izv* 1: 41-51. Eng. Sum. 1973

071822 18 L49
Zonal formation regions of plant growth & soil formation on earth. (Ger) Heinze, H *Lebendige Erde* 6: 215-220. Nov/Dec 1972

071823 99.8 L5622
Change in soil properties in clearing strips with stump puller-collector. (Rus) Shumakov, V S *Les Khoz* 2: 31-34. Feb 1973

071824 SD1.L4
Soils of certain biogeocoenoses of arid open woodland in Georgia. (Rus) Svanidze, M A *Lesovedenie* 1: 24-29. Eng. Sum. Jan/Feb 1973

071825 SD1.L4
Soil moisture dynamics in drained forests. (Rus) Zalitis, P P *Lesovedenie* 6: 47-54. Ref. Eng. Sum. 1972

071826 448.3 M582AE
Dynamics of 1-6-C14 [carbonn-clucose decomposition by microflora of desert soils. Imshenetskii, A A *Microbiology* 41 (4): 642-647. Ref. July/Aug 1972 Transl 1973

071827 448.3 K54
Effect of irrigation on dynamics of microorganism number in dark-brown soils in south of Ukraine. (Ukr) Smalii, V T *Mikrobiol Zhur* 34 (5): 566-570. Eng. Sum. Sept/Oct 1972

071828 275.29 M76NO
Paradox of phosphorus. [Soils]. Olsen, R *Mont State Univ Coll Agric Coop Ext Serv Now* 9 (2): 10-11. Map. Winter 1972/73

071829 331.9 M85
On fundamental tasks of biogeocenologic study of sandy-desert terrain. [Soils, plant ecology]. (Rus) Gunin, P D *Moscow Univ Vestn Ser 5 Geogr* 1: 76-81. Ref. Eng. Sum. Jan/Feb 1973

071830 442.9 M854
Effect of direct current (electrical) on physical porperties of gypsum-bearing Solonchak soil. (Rus) Molchanova, E IA *Moscow Univ Vestnik Ser 6 Biol Pochvoved* 5: 116-118. Eng. Sum. Sept/Oct 1972

071831 442.9 M854
On soil diagnosis with use of a learning computer. (Rus) Gil'manov, T G *Moscow Univ Vestnik Ser 6 Biol Pochvoved* 6: 100-108. Ref. Eng. Sum. Nov/Dec 1972

071832 442.9 M854
Using elements of comparison in spectrographic determination of micronutrients in soils. (Rus) Zyrin, N G *Moscow Univ Vestnik Ser 6 Biol Pochvoved* 6: 109-113. Eng. Sum. Nov/Dec 1972

071833 442.9 M854
Significance of natural processes in manifestation & elimination of secondary salinization. [Soils]. (Rus) Egorov, V V *Moscow Univ Vestnik Ser 6 Biol Pochvoved* 6: 22-29. Nov/Dec 1972

071834 442.9 M854
50th anniversary of Soviet Union & 50th anniversary of Chair of Soil Science at Moscow State University. (Rus) Kovda, V A *Moscow Univ Vestnik Ser 6 Biol Pochvoved* 6: 58-62. Nov/Dec 1972

071835 514 N482
A compariosn of direct & indirect cation-exchange procedures for allophanic & non-allophanic soils. Giltrap, D J *N Z J Sci* 15 (3): 421-434. Ref. Sept 1972

071836 514 N482
Effects of storgae on oxygen uptakes & dehydrogenase activities of beech forest litter & soil. [Fagus]. Ross, D J *N Z J Sci* 15 (3): 453-462. Ref. Sept 1972

071837 442.8 N22
Minerological content of floodplain soils of Ishim River in arid steppe region. (Rus) Voronova, E P *Nauch Dokl Vyssh Shk, Biol Nauk* 1: 112-124. 1973

071838 442.8 N22
On role of field crops in biological turnover of ash elements & nitrogen in leached Chernozem soil of Krasnoiarsk forest-steppe region. (Rus) Bugakov, P S *Nauch Dokl Vyssh Shk, Biol Nauk* 1: 125-130. Ref. 1973

071839 442.8 N22
Use of probe method in determining coefficient of moisture conductivity of soils. (Rus) Sudnitsyn, I I *Nauch Dokl Vyssh Shk, Biol Nauk* 1: 137-142. 1973

071840 442.8 N22
On characteristics of Solonchak & Solonets soils of subzone of southern Chernozems in Pavlodar Region, Kazakh SSR. (Rus) Solov'ev, P E *Nauch Dokl Vyssh Shk, Biol Nauk* 2: 119-125. 1973

071841 442.8 N22
Contents, distribution & variation of mobile manganese in soils of Semipalatinsk Region. (Rus) Panin, M S *Nauch Dokl Vyssh Shk, Biol Nauk* 2: 126-131. 1973

071842 442.8 N22
On multilayered soils of different age in River Khopra sand terraces. (Rus) Gael', A G *Nauch Dokl Vyssh Shk, Biol Nauk* 5: 123-134. Ref. 1972

071843 442.8 N22
Fractionation of fulvic acids on coal. [Soil analysis]. (Rus) IUkhnin, A A *Nauch Dokl Vyssh Shk, Biol Nauk* 5: 138-141. Ref. 1972

071844 442.8 N22
Effect of plowing depth, fertilization & rhizosphere of winter rye on construction of aggregates of light-grey forest soil. (Rus) Koloskova, A V *Nauch Dokl Vyssh Shk, Biol Nauk* 6: 107-109. 1972

071845 442.8 N22
Change of fermentative activity of soils at their agricultural utilization. (Rus) Garifullin, F Sh *Nauch Dokl Vyssh Shk, Biol Nauk* 6: 110-112. 1972

071846 442.8 N22
Relict features in meadow soils of Tambov lowland. (Rus) Samoilova, E M *Nauch Dokl Vyssh Shk, Biol Nauk* 6: 113-115. 1972

071847 442.8 N22
Mathematical basis of grouping soils together for purposes of classification. (Rus) Il'inskii, V V *Nauch Dokl Vyssh Shk, Biol Nauk* 9: 123-125. 1972

071848 442.8 N22
Effect of tillage & irrigation on amount of ntutients in Caucasian foothill carbonate Chernozem soils & on corn yield. (Rus) Kozhaev, M A *Nauch Dokl Vyssh Shk, Biol Nauk* 9: 126-129. 1972

071849 501 N48
Distribution & movement of 'reactive' phosphorus through catchments under varied land use. [Soils, vegetation]. White, E *New Zeal Ecol Soc Proc* 19: 163-172. Map. 1972

071850 501 N48
Variation in soil water & soil air contents associated with a vegetation-soil sequence in Tararua Mountains, New Zealand. Park, G N *New Zeal Ecol Soc Proc* 19: 57-64. Ref. 1972

071851 290.8 N68
Present status on soil contamination & its control. (Jap) Masuda, H *Nogyodoboku-kenkyu* 40 (10): 42-47. Oct 1972

071852 290.8 N68
Soil phusics. 2. Basic knowledge for agricultural engineers. (Jap) Yahata, B *Nogyodoboku-kenkyu* 41 (3): 40-45. Ref. Mar 1973

071853 279.8 OC3
Soils in Muszkowicki Fagus Forest Reserve. (Pol) Kowalinski, S *Ochrona Przyrody* 37: 67-87. Ref. Eng. Sum. 1972

071854 QL750.O3
In situ measurements of carbon dioxide gradients in a soil-plant-atmosphere system. Schwartz, D M *Oecologia* 12 (2): 161-167. 1973

071855 GB651.O3
Measure of soil permeability in field: A new device for Muntz method an extension of Porchet method to heterogenous soils. (Fre) Colombani, J *Off Rech Sci Tech Outre-Mer, Paris. Cah ORstom Ser Hydrol* 9 (3): 15-46. Eng. Sum. 1972

071856 GB651.O3
Influence of plant cover on permeability of soils of representative basin of Korhogo (Ivory Coast). (Fre) Camus, H *Off Rech Sci Tech Outre-Mer, Paris. Cah ORstom Ser Hydrol* 9 (3): 3-13. Eng. Sum. 1972

071857 100 OK4 (3)
Characteristics of clayey soils associated with Cross Timbers in central Oklahoma & Granitic outcrops in south-central Oklahoma. Gray, F *Okla Agr Exp Sta Misc Publ* 90, 55 P. Map. Ref. Mar 1973

071858 SB951.P47
Processes affecting herbicide action in soil. Osgerby, J M *Pestic Sci* 4 (2): 247-258. Ref. Apr 1973

071859 325.28 P56
Wetlands mapping in New Jersey. Anderson, R R *Photogramm Eng* 39 (4): 353-358. Apr 1973

071860 TA593.P5
Photogrammetry in centrifugal testing of soil models. El-Beik, A H A *Photogramm Rec* 7 (4): 538-554. Ref. Apr 1973

071861 450 P696
Biological weathering of silicate minerals; implications for tree nutrition & soil genesis. [Pinus radiata]. Boyle, J R *Plant Soil* 38 (1): 191-201. Ref. Feb 1973

071862 450 P696
Manganese studies in some soils with a high organic matter content. Pavanasasivam, V *Plant Soil* 38 (2): 245-255. Ref. Apr 1973

071863 450 P696
Patterns of ammonia volatilization from a forest soil. Mahendrappa, M K *Plant Soil* 38 (2): 257-265. Ref. Apr 1973

071864 450 P696
Ultra violet spectroscopy – visible non-Fractionated humic acids & some of their fractions oblained on dextran gels. [Chernozem soils]. (Fre) Bailly, J R *Plant Soil* 38 (2): 281-297. Ref. Apr 1972

071865 450 P696
Use of C1402 [radioactive carbon dioxide] canopy techniques for measuring carbon transfer through plant-soil system. [Wheat]. Warembourg, R F *Plant Soil* 38 (2): 331-345. Ref. Apr 1973

071866 450 P696
Factors affecting urea hydrolysis in several Alberta soils. Gould, W D *Plant Soil* 38 (2): 393-401. Ref. Apr 1973

071867 450 P696
Effects of soil sterilisation with steam-air mixtures on development of some glasshouse crops. [Lettuce, tomatoes, cucumbers]. Sonneveld, C *Plant Soil* 38 (2): 415-423. Ref. Apr 1973

071868 450 P696
Dynamic simulation of vertical non-adsorbed anion transport. [Soils, leaching]. Ferrari, T J *Plant Soil* 38 (2): 425-438. Ref. Apr 1973

071869 450 P696
Nitrogen conservation under babala (Pennisetum typhoides). Barnard, R O *Plant Soil* 38 (2): 481-483. Apr 1973

071870 450 P696
Effects of mercury compounds on soil microbes. Faassen, H G van *Plant Soil* 38 (2): 485-487. Apr 1973

071871 450 P696
Mobilisation of phosphorus by Pteridium aquilinum. Mitchell, J *Plant Soil* 38 (2): 489-491. Apr 1973

071872 57.8 P34
Zeolites of some soils. (Rus) Travnikova, L S *Pochvovedenie* 3: 106-114. Ref. Eng. Sum. Mar 1973

071873 57.8 P34
Micromorphology & mineralogy of Kolkhida alluvial soils. (Rus) Bobrovitskii, A V *Pochvovedenie* 3: 115-128. Ref. Eng. Sum. Mar 1973

071874 57.8 P34
Contribution to method of several biand tricarboxylic acid determination in forest litters. (Rus) Simakov, V N *Pochvovedenie* 3: 129-134. Mar 1973

071875 57.8 P34
Studying interaction of humus acids with silica acid, silica gel & zeolites by gel-agar electrophoresis method. (Rus) Stepanov, V V *Pochvovedenie* 3: 135-142. Ref. Eng. Sum. Mar 1973

071876 57.8 P34
Distribution of bacteria participating in sulphur turnover & their role in soil processes. (Rus) Buianovskii, G A *Pochvovedenie* 3: 19-26. Ref. Eng. Sum. Mar 1973

071877 57.8 P34
Quantitative principles of sodium – calcium & sodium – strontium cation exchange adsorption on Chernozems, montmorillonites & hydrobiotites. (Rus) Ryzhova, L V *Pochvovedenie* 3: 27-33. Ref. Eng. Sum. Mar 1973

071878 57.8 P34
Acid illuvial-gley soils of West Siberian Middle & northen taiga. (Rus) Karavaeva, N A *Pochvovedenie* 3: 3-18. Ref. Mar 1973

071879 57.8 P34
Group & fractional humus composition as indicators of soil formation type in region of Ukrainian Carpathians. (Rus) Kanivets, V I *Pochvovedenie* 3: 34-41. Ref. Eng. Sum. Mar 1973

071880 57.8 P34
Changes in organic matter composition of Kola Peninsula peat-boggy soils under effect of cultivation. (Rus) Pereverzev, V N *Pochvovedenie* 3: 42-49. Eng. Sum. Mar 1973

071881 57.8 P34
Moisture space variability of an irrigated soil under cotton. (Rus) Poberezhskii, L N *Pochvovedenie* 3: 50-59. Eng. Sum. Mar 1973

071882 57.8 P34
Water & physical properties of stripped rocks in natural bedding & in dumps. (Rus) Cheklina, V N *Pochvovedenie* 3: 60-71. Eng. Sum. Mar 1973

071883 57.8 P34
Some results of leaching saline soils of Salsk Steppe. (Rus) Akhmedov, A P *Pochvovedenie* 3: 72-78. Mar 1973

071884 57.8 P34
Leaching of saline soils with different types of drainage. (Rus) El'mansi, M M *Pochvovedenie* 3: 79-85. Eng. Sum. Mar 1973

071885 57.8 P34
Growth & moisture sufficiency of forest belts in Kulunda Steppe. (Rus) Popova, O S *Pochvovedenie* 3: 91-96. Eng. Sum. Mar 1973

071886 57.8 P34
Chemical composition of forest litter water-soluble humus acids. (Rus) Maksimova, A E *Pochvovedenie* 3: 97-105. Ref. Eng. Sum. Mar 1973

071887 20.5 P84
'humus et Planta V' International Symposium in Prague, September 13 – 17, 1971 (Synthesis of presented results of investigations). (Pol) Myskow, W *Postepy Nauk Roln* 19 (5): 157-167. Sept-/Oct 1972

071888 343 R32
Utilization patterns of deep water by a weeping lovegrass crop (Eragrostis curvula Nees), in a regosol soil of pampean semiarid region. (Spa) Fagioli, M *Rev Invest Agropecuar Ser 3 Clima Suelo* 9 (2): 61-70. Eng. Sum. 1972

071889 343 R32
Comparison between two methods for soil 'A value' determination applying traced & untraced phosphorous. (Spa) Lopez Dominguez, H *Rev Invest Agropecuar Ser 3 Clima Suelo* 9 (2): 71-78. Ref. Eng. Sum. 1972

071890 343 R32
Genesis & classification of some soils from hydrographic basin of Tijuco Preto stream, Rio das Pedras County, San Pablo. II. Soil classification. (Spa) Escobar, E H *Rev Invest Agropecuar Ser 3 Clima Suelo* 9 (3): 109-126. Ref. Eng. Sum. 1972

071891 343 R32
Soil structure & corn yield in pampa region. (Spa) Tallarico, L A *Rev Invest Agropecuar Ser 3 Clima Suelo* 9 (3): 79-88. Ref. Eng. Sum. 1972

071892 343 R32
Genesis & classification of some soils from hydrografic basin of Tijuco Preto stleam, Rio das Pedras County, Sao Pablo I. Quantitative mineralogical analysis of clay fraction (Spa) Escobar, E H *Rev Invest Agropecuar Ser 3 Clima Suelo* 9 (3): 89-108. Ref. Eng. Sum. 1972

071893 SB267.A1R4
Effect of sucessive croping on quantity-intensity relationship for potassium. [Corn]. (Spa) Ruy de Miranda, E *Rev Theobroma* 2 (4): 8-15. Ref. Eng. Sum. Oct/Dec 1972

071894 SF1.R54
Testing of soil fertility. (Ita) Federico, L G *Rilancio Agric Vet Zootec* 4 (10): 13-15. 1972

071895 56.8 R592
Influence of mechanical composition on soil moisture determination by extractive-colorimetric method. (Pol) Polojska, U *Rocz Gleboznawcze* 23 (1): 349-356. Eng. Sum. 1972

071896 64.9 C33
On some problems of determination of brown soils. (Cze) Nemecek, J *Rostlinna Vyroba* 18 (12): 1235-1248. Ref. Eng. Sum. Dec 1972

071897 64.9 C33
Present trends of study of soil biology in USSR. (Cze) Filip, Z *Rostlinna Vyroba* 18 (12): 1311-1318. Ref. Dec 1972

071898 HD1940.C95P74
Agronomic & pedologic study of soils of permocarbon of Chynov & Nova Ves in south Bohemia. (Cze) Vlasak, A *Sb Vys Sk Zemed Praze, Provozne Ekon Fak, Cesk Budejovicich, Biol Rada* 9 (1): 123-153. Eng. Sum. 1971

071899 S13.S55
Soil-agrochemical aspects of study of micronutrients. (Rus) Il'in, V B *Sib Vestn S-kh Nauk* 6: 43-46. Nov/Dec 1972

071900 S592.7.A1S6
Control of carbohydrate utilization by soil microflora. Macura, J *Soil Biol & Biochem* 5 (2): 193-204. Ref. Mar 1973

071901 S590.B5
A contribution to qualitative comprehension of fruiting body constituting myxobacteria in small test quantities. [Manures, soils]. (Ger) Ruckert, G *Soil Biol Int News Bull* 16: 12-13. Dec 1972

071902 S590.B5
Methods of isolation of Azotobacter bacteriophages from soil & water. Hegazi, N A *Soil Biol Int News Bull* 16: 14-16. Dec 1972

071903 S590.B5
Sporulation techniques for bacteria of genus Bacillus Cohn. [Soil microorganisms]. Ciampi, L R *Soil Biol Int News Bull* 16: 17. Dec 1972

071904 S590.B5
Device for study of growth of aerobic bacteria. [Soil microorganisms]. (Fre) Gounot, A M *Soil Biol Int News Bull* 16: 24-25. Dec 1972

071905 S590.B5
A simple method for determination of compression stability of soil aggregates. [Soil microorganisms]. (Ger) Jagnow, G *Soil Biol Int News Bull* 16: 26-28. Dec 1972

071906 S590.B5
A method for specific concentration, isolation & culture of benzole-destroying Nocardia & Pseudomonas from soil. (Ger) Jagnow, G *Soil Biol Int News Bull* 16: 4-5. Dec 1972

071907 S590.B5
A selective medium for isolation of soil yeast lipomyces. Jurgensen, M F *Soil Biol Int News Bull* 16: 6-8. Dec 1972

071908 S590.B5
A new method for detection & enumeration of manganese oxidizing & reducing microorganisms in soil & recent marine sediments. Krumbein, W E *Soil Biol Int News Bull* 16: 9-11. Dec 1972

071909 56.8 SO38
PH [hydrogen-ion concentration] Chilean volcanic ash soils 'trumaos'. Sadzawka, M A *Soil Sci Plant Nutr* 18 (5): 191-197. Ref. Sept 1972

071910 56.8 SO38
Studies on glycine-percolated soil. IV. Fractionation of bacteria in glycine-percolated soil in 'two-layered sucrose solution system'. Nioh, T *Soil Sci Plant Nutr* 18 (6): 219-223. Nov 1972

071911 241 IM7SF
Soils of Malaysia; a review of investigations on their fertility & management. Coulter, J K *Soils Fert* 35 (5): 475-498. Ref. Oct 1972

071912 56.8 SO4
A sequence of soils in middle Awash valley, Ethiopia. Findlay, D C *Sols Afr* 18 (1): 1-17. Ref. Jan/Apr 1973

071913 56.8 SO4
Contribution of organic matter to cation exchange capacity of eastern Nigeria soils. Nwinyi, S S O *Sols Afr* 18 (1): 47-58. Ref. Jan/Apr 1973

071914 SK1.S6
Effect of salinity on germination & growth of plants important to wildlife in Gulf Coast marshes. Palmisano, A W *Southeast Ass Game Fish Comm Proc* 25Th: 215-223. Ref. (Pub. June 1972)

071915 54.8 SU7
On vertical distribution of microelements in peat soils. (Fin) Tanskanen, H *Suo* 23 (3/4): 63-69. Ref. Eng. Sum. Sept 29, 1972

071916 S631.A82
Description & classification of soils of Philippines. Mariano, J A *Tech Bull ASPAC Food Fert Technol Cent (asian Pac Counc)* 12: 1-28. Jan 1973

071917 S604.A1T4
Quantitative effect of fertility factors on yield. [Soils]. (Rus) Egorov, V E *Teor Vopr Obrab Pochv* 3: 11-16. 1972

071918 S604.A1T4
On calculating evaporation & dynamics of moisture in active layer of soils. (Rus) Sanoian, M G *Teor Vopr Obrab Pochv* 3: 127-133. 1972

071919 S604.A1T4
Isobar change in water-retention capability of soils in relation to their relative surface. (Rus) Michurin, B N *Teor Vopr Obrab Pochv* 3: 134-138. 1972

071920 S604.A1T4
Biological activity & soil fertility with various tillage methods. (Rus) Kozlova, L D *Teor Vopr Obrab Pochv* 3: 155-161. 1972

071921 S604.A1T4
On movement of moisture in leached Chernozem soils of Kuban region. (Rus) Semikhnenko, P G *Teor Vopr Obrab Pochv* 3: 162-168. 1972

071922 S604.A1T4
On technique of statistical processing of experimental data with small samples. [Soil science]. (Rus) Il'in, I R *Teor Vopr Obrab Pochv* 3: 249-256. Ref. 1972

071923 S604.A1T4
Laboratory express method of studying biophysical processes of soil. (Rus) Revut, I B *Teor Vopr Obrab Pochv* 3: 297-303. Ref. 1972

071924 S604.A1T4
Differentiating plowed layer by fertility with an alfalfa crop. (Rus) Reppo, E A *Teor Vopr Obrab Pochv* 3: 347-353. 1972

071925 S604.A1T4
Agrophysical indices & fertility of irrigated soils of Transvolga region. (Rus) Burov, D I *Teor Vopr Obrab Pochv* 3: 39-48. 1972

071926 S604.A1T4
Establishing a favorable structural state of bog-podzolic soils. (Rus) Zaev, P P *Teor Vopr Obrab Pochv* 3: 49-62. Ref. 1972

071927 56.9 SI1
Detailed reconnaissance soil survey of Nan Province. Scholten, J J *Thailand Min Nat Develop Soil Surv Rep* SSR 90, 120 P. Map. 1972

071928 56.9 SI1
Semi-detailed soil survey of a part of Central Plain: Pho Phraya, Sam Chuk & Sam Chuk-extension irrigation tracts. Van der Kevie, W *Thailand Min Nat Develop Soil Surv Rep* 87, 73 P. Map. Ref. 1972

071929 56.9 SI1
Reconnaissance soil survey of peninsular Thailand. Dent, F J *Thailand Min Nat Develop Soil Surv Rep* 94, 32 P. Map. Ref. 1972

071930 104 SW3 SUPPL.
Leaching nitrogen from forest soil. (Swe) Tamm, C O *Tidskr Suppl K Skogs Lantbruksakad (stockh)* 9: 39-42. 1972

071931 S542.R6U5
Clay mineralogy. III. Comparative mineralogical study of less than 1mu fractions present in central Oltenian soils. (Rum) Burnea, I *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 131-154. Eng. Sum. 1971 (Pub. 1972)

071932 S542.R6U5
Physico-chemical & mineralogical characterization of some sandy soils of left bank of Jiu River. (Rum) Maxim, I *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 155-166. Eng. Sum. 1971 (Pub. 1972)

071933 S542.R6U5
Contributions to study of alluvial soils from Subcarpathian depression of Tg. Jiu. (Rum) Sorop, G *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 167-174. Eng. Sum. (1971 (Pub. 1972)

071934 442.9 L542V
Study of complex formation of cobalt with organic substances of soil by high frequency & potentiometric titration methods. (Rus) Pilipushko, V N *Vestn Leningr Univ, Biol* 3: 96-100. Ref. Eng. Sum. 1973

071935 442.9 L542V
Influence of humic acid & its fractions on absorption of phosphorus pentoxide by different clays. (Rus) Kovsk, N V *Vestn Leningr Univ, Biol* 4: 123-132. Ref. Eng. Sum. Nov 1972

071936 442.9 L542V
Change of copper & mobility & its access to plants by interaction with organic & inorganic fractions of soil. (Rus) Tsyplenkov, V P *Vestn Leningr Univ, Biol* 4: 133-137. Ref. Eng. Sum. Nov 1972

071937 442.9 L542V
Soil Biology Department & development of soil science in Union republics. [Education]. (Rus) Goryshin, N I *Vestn Leningr Univ, Biol* 4: 5-20. Eng. Sum. Nov 1972

071938 20 AK16
Effect of soil density on germination of seeds of grain crops. (Rus) Suleimenov, M K *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 31-35. Jan 1973

071939 20 AK16
Mesostructure of soil cover of the Chestnut soil area of Aktiubinsk Region. (Rus) Zhansugurov, A *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 13-20. Feb 1973

071940 20 AK16
Study of salt extraction from sulfate soils of southern Kazakhstan by physical modelling of leaching. (Rus) Kalinin, IA D *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 64-68. Feb 1973

071941 20 M66
Features of soil formes as a result of mineralization of peat. (Rus) Skoropanov, S G *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 1: 18-20. 1973

071942 20 M66
Mobile molybdenum in Belorussian swamp soils of low-lying type. (Bel) Vashkevich, L F *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 1: 23-29. Ref. 1973

071943 20 M66
Properties of eroded soils & micronutrient content. (Bel) Zaiko, S M *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 1: 30-34. 1973

071944 20 M66
Forms & supplies of nitrogen in bog-podzolic, light loamy soil in relation to systems of fertilizer application & culture. (Bel) Brahin, A M *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 1: 35-40. 1973

071945 20 M66
Water & physical properties of some soils of Belorussian SSR. (Bel) Afanas'eu, M I *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 4: 20-23. 1972

071946 105.9 V675
Relations between yield & quality of sugar beets & characters of an extended soil analysis. (Ger) Muller, H J *Vienna Bundesanst Pflanzenbau Samenprufung Jahrb* P. 130-160. Map. Ref. Eng. Sum 1972

071947 20 V82
Effect of agrophysical properties & soil nutrition conditions on morphological, anatomical & physiological features of sugar beets & its productivity. (Ukr) Kilomiiets',a P *Visnyk Sil's'kohospodar Nauk* 1: 59-67. Ref. Jan 1973

071948 20 V82
Amount of organic matter & nitrogen in soil with non-replaceable culture of various fields crops. (Ukr) Zubenko, V F *Visnyk Sil's'kohospodar Nauk* 2: 57-60. Feb 1973

071949 20 V82
Method of measuring change in relative pressure in soil. [Equipment]. (Ukr) Hrushans'kyi, O A *Visnyk Sil's'kohospodar Nauk* 3: 16-19. 1973

071950 20 V82
Peat moisture & level of ground water in irrigated pine forests of Ukrainian Polesye. (Ukr) Riabukha, A S *Visnyk Sil's'-kohospodar Nauk* 3: 72-76. 1973

071951 S13.V9
Influence of soil type on fixing activity & virulence of Rhizobium melioti. [Alfalfa]. (Slo) Haban, L *Vysk Ustav Rast Vyroby Ved Pr* 10: 137-144. Ref. Eng. Sum. 1972

071952 S13.V9
Changes of brown soil structure at Demanova resulting from growing some annual & perennial fodder plants. (Slo) Kosik, J *Vysk Ustav Rast Vyroby Ved Pr* 10: 167-175. Eng. Sum. 1972

071953 100 W52 (1)
Factors influencing levels of exchangeable potassium in Gilpin & Cookport soils. Barrett, W B *W Va Agr Exp Sta Bull* 622T, 14 P. Ref. Apr 1973

071954 105.2 V61V
Immobilization & mineralization of nitrogen in pasture soil. Huntjens, J L M *Wageningen Cent Landouwpubl Landbou Verslag Landbouwkund Ore* 781, 26 P. Ref. 1972

071955 105.2-V61V
Soils of Kucuk Menderes Valley, Turkey. Boxem, H W *Wageningen Cent Landouwpubl Landbou Verslag Landbouwkund Ore* 785, 251 P. Map. Ref. 1972

071956 79.8 W412
Some physico-chemical interactions of paraquat with soil organic materials & model compounds. I. Effects of temperature, time & adsorbate degradation on paraquat adsorption. Burns, I G *Weed Res* 13 (1): 67-78. Ref. Mar 1973

071957 79.8 W412
Some physico-chemical interactions of paraquat with soil organic materials & model compounds. II. Adsorption & desorption equilibria in aqueous suspensions. Burns, I G *Weed Res* 13 (1): 79-90. Ref. Mar 1973

071958 18 J825
Importance of choice of method in carrying out & interpreting investigations on soil physics. (Ger) Hanus, H *Z Acker& Pflanz* 136 (4): 320-330. Eng. Sum. Dec 1972

071959 448.3 C33 (3)
Correlation between soil conditioners, microlfora, & microbial activity. 2. Microbial colonization & alternation of soil conditioners on silic acid gel plates. (Ger) Hoflich, G *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 127 (7/8): 740-748. Ref. Eng. Sum. 1972

071960 20.5 Z5
Problem of micromorphology & genesis of loess-paleosoils in Carpathian basin. (Ger) Bronger, A *Zeszyty Probl Postepow Nauk Roln* 123: 607-615. Ref. Eng. Sum. 1972

071961 20.5 Z5
Characteristics of multivariant test on test sample of light textured soil complexes. (Pol) Swietochowski, B *Zeszyty Probl Postepow Nauk Roln* 137: 23-34. 1972

071962 20.5 Z5
Crop rotation farming & dynamics of nutritional substances in light soils. (Pol) Miron, V *Zeszyty Probl Postepow Nauk Roln* 137: 295-298. 1972

071963 20.5 Z5
Effect of method of soil tillage & fertilizers in crop rotation on dynamics of moisture in sandy soil under rye culture. (Pol) Nawrocki, S *Zeszyty Probl Postepow Nauk Roln* 137: 327-333. 1972

071964 20.5 Z5
Effect of different depths of manure application on crop yields & some soil properties. II. Effect on some soil properites. (Pol) Zimniak, Z *Zeszyty Probl Postepow Nauk Roln* 137: 361-372. Ref. 1972

071965 20.5 Z5
Study of dynamics of content of organic carbon in soil profile. (Pol) Ploszynska, W *Zeszyty Probl Postepow Nauk Roln* 137: 403-411. Ref. 1972

071966 20.5 Z5
Dr. Zygmunt Zimniak. [Soil scientists]. (Pol) Trzecki, S *Zeszyty Probl Postepow Nauk Roln* 137: 423-425. 1972

SOIL IMPROVEMENT MATERIALS

071967 280.8 AG82
Worldwide expansion of fertilizer industry. (Ger) Schnell, G *Agr Rundsch* 4: 24-26. Aug 1972

071968 S19.A32
Performance of wheat varieties under unirrigated conditions in valley areas of Himachal Pradesh. Vir, B S *Agric Agro-ind J* 6 (2): 15-16. Feb 1973

071969 S19.A32
Growth & yield behaviour of Baldwin apple under various fertilizer treatments. [India]. Kumar, R *Agric Agro-ind J* 6 (2): 19-22. Ref. Feb 1973

071970 S19.A32
Effect of phosphorus & molybdenum fertilization on nodulation of cowpea. Sharma, A K *Agric Agro-ind J* 6 (2): 23-24. Ref. Feb 1973

071971 S19.A32
Urea spray boosts linseed yield. Dubey, B P *Agric Agro-ind J* 6 (2): 25-26. Feb 1973

071972 22.5 N682
Various problems in crop cultivation. 19. [Chemical fertilizers]. (Jap) Kawata, S *Agric Hortic* 48 (4): 107-110. Apr 1973

071973 10 AG89
British potash production starts this year. Wheaton, R *Agric Merchant* 53 (2): 10-11. Feb 1973

071974 256.13 AG82M
Keep clean water out of slurry tanks. [Manures, handling]. Magill, D *Agric North Irel* 47 (11): 397-399. Mar 1973

071975 385 AG83
Increase of fertility of eroded brown forest soils by mineral fertilizers. (Hun) Pusztai, A *Agrokem Talajtan* 21 (3/4): 363-376. Ref. Eng. Sum. 1972

071976 385 AG83
Experiments with N [nitrogen] fertilizer Agronit containing magnesium. (Hun) Kiss, A S *Agrokem Talajtan* 21 (3/4): 377-386. Ref. Eng. Sum. 1972

071977 385 AG89
Conditions for efficient use of fertilizers in heavy Chernozem soils & their effect on quality of farm products. (Rus) Gurevich, S M *Agrokhimiia* 2: 14-18. Feb 1973

071978 385 AG89
Mobility & nitrification of various forms of ammonium fertilizers with strip application on carbonate soils. (Rus) Liakh, V M *Agrokhimiia* 2: 19-27. Ref. Feb 1973

071979 385 AG89
Comparative effectiveness of forms of phosphorus in complex fertilizers & manure mixes on bog-podzolic soils of Moscow Region. (Rus) Peterburgskii, A V *Agrokhimiia* 2: 28-33. Feb 1973

071980 385 AG89
On effect of forms of potassium & manganese-containing fertilizers on yield of lupine for feed. (Rus) Norkina, I A *Agrokhimiia* 2: 40-46. Ref Feb 1973

071981 385 AG89
Effect of fertilizers on yield & qualtity of irrigated winter wheat grain in dark Chestnut Solonets soils of Sivash area of Crimea. (Rus) Mazun, A M *Agrokhimiia* 2: 47-56. Feb 1973

071982 385 AG89
Effect of dosage & ratio of mineral fertilizers on yield & quality of sugar beets. (Rus) Sivak, L A *Agrokhimiia* 2: 78-82. Feb 1973

071983 385 AG89
Fertilizer application with recultivation of terrace land of open-cut lignite mine. (Rus) Sabo-Gordienko, N P *Agrokhimiia* 2: 90-95. Ref. Feb 1973

071984 385 AG89
Effect of molybdenum fertilizers on annual legume crops in bog-podzolic soil. (Rus) Fomin, P I *Agrokhimiia* 2: 96-100. Feb 1973

071985 4 AM34P
Effect of N [nitrogen] fertilization on dry matter yield, total-N, N recovery, & nitrate-N concentration of three cool-season forage grass species. George, J R *Agron J* 65 (2): 211-216. Ref. Mar/Apr 1973

071986 26 AG86
Research on soil fertility & fertilizatin in Tropics. (Fre) Chaminade, R *Agron Trop (paris)* 27 (9): 891-904. Eng. Sum. Sept 1972

071987 442.9 AK18
Changes of grass cover of dry meadows under influence of heavy fertilizer rates. (Est) Akkel, R *Akad Nauk Est Ssr Izv Ser Biol* 22 (1): 32-47. ref. Eng. Sum.

071988 100 AL1M
Soil fertility experiments with tomatoes, 1971 – 72. Evans, C E *Ala Agr Exp Sta Progr Rep Ser* 102, 3 P. Mar 1973

071989 TP559.G3A5
Mineral fertilization of grapes. (Ger) Fader, W *Allg Dtsch Weinfachztg* 109 (8): 200-202. Feb 23, 1973

071990 75.8 P842
Effects of differential rates of nitrogen & phosphorus on early blight in potatoes. [Alternaria solani]. Barclay, G M *Amer Potato J* 50 (2): 42-48. Ref. Feb 1973

071991 506 SP12
Influence of fertilizer type on nitrogen balance in Galician soils. (Spa) Diaz-Fierros, F *An Edafol Agrobiol* 31 (11/12): 939-954. Ref. Eng. Sum. Nov/Dec 1972

071992 80 AR2
On use of synthetic industrial products as soil conditioners in asparagus (Asparagus officinalis l.) growing. (Ger) Kaufmann, F *Arch Gartenbau* 21 (2): 125-137. Eng. Sum. 1973

071993 80 AR2
Effect of advance fertilization with lacustrine muck & lower moor peat as organic fertilizers from outside farm on pedological & agronomical characteristics in connection with different fruit species. 2. Ameliorative advance fertili (Ger) Enchke, O *Arch Gartenbau* 21 (2): 149-165. Ref. Eng. Sum. 1973

071994 100 AR42R
Summary of soil test data & fertilizer & lime recommendations for 1961 to 1964. Sabbe, W E *Ark Agr Exp Sta Rep Ser* 205, 23P., Map. Feb 1973

071995 100 AR42F
Handling dairy wastes. [Manure]. Rakes, J M *Ark Farm Res* 22 (2): 14. Mar/Apr 1973

071996 23 AU792
Effect of increased soil nitrogen associated with medic ley on performance of a standard & a semi-dwarf wheat cultivar. Tuohey, C L *Australian J Exp Agr Anim Husb* 13 (60): 63-68. Ref. Feb 1973

071997 23 AU792
A comparison of fertilizer programmes for development & maintenance of sown pasture on a sulphur deficient basaltic soil. McLachlan, K D *Australian J Exp Agr Anim Husb* 13 (60): 75-80. Ref. Feb 1973

071998 66.8 B392
Serious shortage of lime in sugar beet. [Soil hydrogen-ion concentration]. McEnroe, P *Biatas* 26 (12): 540-541. Mar 1973

071999 66.8 B392
Nitrogen on grassland. [Fertilizers]. O'Hanlon, D *Biatas* 26 (12): 546-549. Mar 1973

072000 66.8 B392
Nitrogen on grassland, response to nitrogen. O'Hanlon, D *Biatas* 26 (9): 407-410. Dec 1972

072001 79.9 B77
An assessment of practice & potential for joint application of solution fertilisers & herbicides in United Kingdom. Palmer, J E *Brit Weed Contr Conf Proc* 11Th conf., V. 2: 709-716. 1972

072002 SD13.C35
Effects of different foliar-applied nitrogen fertilizers on balsam woolly aphid. [Adelges piceae, Abies grandis]. Carrow, J R *Can J Forest Res Rev Can Rech For* 3 (1): 122-139. Ref. Mar 1973

072003 450 C16
Effects of N,P, K, & MG on growth & productivity of highbush blueberry. [Nitrogen, phosphorus, potassium, magnesium]. Townsend, L R *Can J Plant Sci* 53 (1): 161-168. Ref. Jan 1973

072004 56.8 C162
Effects of lime on some chemical characteristics, nutrient availability, & crop response of a newly broken organic soil. Hamilton, H A *Can J Soil Sci* 53 (1): 1-8. Ref. Feb 1973

072005 56.8 C162
Influence of fertilizer use on phosphorus & potassium status of sandy soils. Findlay, W I *Can J Soil Sci* 53 (1): 103-110. Feb 1973

072006 56.8 C162
Reaction products of applied pyrophosphates in some Manitoba soils. Savant, N K *Can J Soil Sci* 53 (1): 111-117. Ref. Feb 1973

072007 56.8 C162
Standard isotope versus nitrogen balance criteria for assessing efficiency of nitrogen sources for barley. Rennie, R J *Can J Soil Sci* 53 (1): 73-77. Feb 1973

072008 302.9 EN8
Application of nitrogen fertilizer in poplar nurseries. (Ita) Giulimondi, G *Cell Carta* 23 (8): 25-32. Eng. Sum. Aug 1972

072009 80 C495
Possible use of phalaborwa rock phosphate on subtropical crops. (Afr) Du Plessis, S F *Citrus Grow Sub-trop Fruit J* 471: 11-13. Mar 1973

072010 100 C71C
A three-year nutritional survey of Colorado apple, peach, pear, prune, & sweet & sour cherry orchards (1967 – 1969). [Foliar diagnosis]. Rogers, E *Colo Agr Exp Sta Progr Rep Pr* 73-9, 4 P. Mar 1973

072011 S590.C63
Use of routine soil tests in predicting corn leaf zinc. Bezdicek, D F *Commun Soil Sci Plant Anal* 4 (2): 105-119. Ref. 1973

072012 S590.C63
DTPA [diethylenetriaminepentaacetic acid] as a extractant of available soil iron. Boer, G J de *Commun Soil Sci Plant Anal* 4 (2): 121-128. Ref. 1973

072013 S590.C63
Use of a fertility index in soil test interpretation. Cope, J T *Commun Soil Sci Plant Anal* 4 (2): 137-146. 1973

072014 57.8 C734
Utilization of municipal refuse compost: i – field-scale compost demonstrations. Duggan, J C *Compost Sci* 14 (2): 24-25. Mar/Apr 1973

072015 57.8 C734
Production of composts from soft wood lumber mill wastes. Bell, R G *Compost Sci* 14 (2): 5-7. Mar/Apr 1973

072016 57.8 C734
Controlling environmental parameters for optimum composting. Jeris, J S *Compost Sci* 14 (2): 8-15. Ref. Mar/Apr 1973

072017 15 C89
Profitability of compost type organic manures. (Spa) Noguera Pujol, J *Cult Mod* 56 (2): 38-40. Feb 1973

072018 SF191.D3
Soil fertility: one key to top quality forage. [Fertilizers]. Weiser, J *Dairy Herd Manage* 10 (4): 44-46. Apr 1973

072019 10 EX72
Effects of nitrogen & phosphate on Cenchrus ciliaris at Ukiriguru, western Tanzania. Walker, B *Exp Agr* 9 (2): 107-112. Apr 1973

072020 10 EX72
Time of application of nitrogen fertilizer to maize at Samaru, Nigeria. Jones, M J *Exp Agr* 9 (2): 113-120. Ref. Apr 1973

072021 10 EX72
Application, absorption & translocation of boron in oil palm. I. Methods of application & types of boron fertilizer. Rajaratnam, J A *Exp Agr* 9 (2): 129-139. Apr 1973

072022 10 EX72
Application, absorption & translocation of boron in oil palm. Ii. Age of palm, frequency of application & influence on N & K. [Nitrogen, potassium]. Rajaratnam, J A *Exp Agr* 9 (2): 141-145. Apr 1973

072023 23 F2223
Fertilize for profit. Murthy, C N N *Farming* 13 (10): 16-17. Aug 1972

072024 23 F2223
Effect of soil, foliar & time of application of nitrogen on yield attributes & quality of wheat. Kapoor, M L *Farming* 13 (10): 17-20. Aug 1972

072025 18 W763
Higher production of quality cereals by nitrogen fertilization according to results of chemical plant analysis, as conducted at Agrochemical Center of Querfurt. (Ger) Peitz, B *Feldwirtschaft* 13 (10): 447-449. Oct 1972

072026 18 W763
Potassium fertilization. (Ger) Witter, B *Feldwirtschaft* 13 (10): 449-451. Oct 1972

072027 18 W763
Results of testing a micronutrient fertilization model under field conditions, 1971. (Ger) Falke, H *Feldwirtschaft* 13 (10): 452-454. Oct 1972

072028 18 W763
Fertilization catalog of agrochemical centers – a decisive aid for scientific fertilization approach. (Ger) Hubner, B *Feldwirtschaft* 13 (10): 457-460. Oct 1972

072029 18 W763
Shifting of storage capacity for higher effectiveness of mineral fertiliser stores. (Ger) Hubner, B *Feldwirtschaft* 13 (10): 460-464. Oct 1972

072030 18 W763
Use of self-operating unloading carts to rationalise transport & handling of mineral fertilizers. (Ger) Brinschwitz, W *Feldwirtschaft* 13 (10): 464-467. Oct 1972

072031 18 W763
Optimised plot-related mineral fertilization for high-yield stability in industrialized field vegetable production. (Ger) Geissler, T *Feldwirtschaft* 13 (12): 549-551. 1972

072032 18 W763
Application of plot-oriented fertilizztion recommendations with particular reference to fertilizing cereals. (Ger) Hagemann, O *Feldwirtschaft* 14 (1): 16-18. Jan 1973

072033 57.8 F4123
F.A.I. [Fertiliser Association of India] siminar on fertilisers in India in seventies. *Fert News* 18 (1): 51-67. Jan 1973

072034 57.8 F4123
Fertiliser prices in India. *Fert News* 18 (2): 30-34. Feb 1973

072035 57.8 F4123
Effect of application of N, P & K on nodulation of groundnut plants. [Nitrogen, phosphorus, potassium]. Muthusamy, S *Fert News* 18 (2): 45-47. Feb 1973

072036 57.8 F4123
Importance of superphosphate & compound granulated fertilisers in increasing agricultural production in 70s. Barooah, S R *Fert News* 18 (2): 51-53. Feb 1973

072037 25 F47AG
Fertilising passion fruit in Sigatoka Valley. [Granadilla]. Partridge, I J *Fiji Agric J* (New Ser.) 14 (2): 97-99. July/Dec 1972

072038 25 F47AG
Rice research in Fiji 1060 – 1970. IV. Long term trials. [Fertilizers]. Vernon, A J *Fiji Agric J* (New Ser.) 34 (2): 61-70. Map. Ref. July/Dec 1972

072039 80 W41
Response of chrysanthemum Improved White Mefo to selected fertilizer regimes. Campbell, F J *Florists' Rev* 152 (3936): 16-17, 52. May 10, 1973

072040 99.8 F713
Concept of forest fertilization returns in Norway, Sweden & Finland. [Pinus]. (Fin) Keipi, K *Folia Forest* 152, 38 P., Map. Ref. Eng. Sum. 1972

072041 41.8 F712
Contribution to study of nutritional values of grass in relation to fertilizers. I. effect of fertilizers on botanical composition, productivity & nitrogen substances in grass. (Slo) Baran, L *Folia Vet* 16 (3/4): 33-39. Eng. Sum. 1972

072042 41.8 F712
Contribution to study of nutritional value of grass in relation to fertilizers. II. effect of gradually increased nitrogen doses on beta-carotene content & its productivity per hectare. (Slo) Tusanova, E *Folia Vet* 16 (3/4): 41-46. Ref. Eng. Sum. 1972

072043 11 F772
Fertilizer experiments with white cabbage following carrots. (Nor) Roll-Hansen, J *Forsk Forsok Landbruket* 24 (1): 1-31. Eng. Sum. 1973

072044 11 F772
Fertilizing leys in Troms & Finnmark. (Nor) Andersen, I L *Forsk Forsok Landbruket* 24 (1): 89-125. Ref. Eng. Sum. 1973

072045 99.8 F7724
Mechanical forest fertilization with lime marl & Thomas phosphate. (Ger) Jaeger, K *Forst-holzwirt* 27 (24): 499-500. Dec 25, 1972

072046 SB354.F78
Fertilizer proportions for fruit trees & bushes. 2. (Dan) Poll, L *Frugtavleren* 2 (3): 98-99. Mar 1973

072047 80 F948
Nitrogen – a raw material for a fruit factory. Tisdall, J *Fruit World Market Grower* 74 (2): 21-22. Feb 1973

072048 HD1927.G7
Types of fertilizers used on farm crops in England & wales, 1962-70. Halliday, D J *G B Agric Dev Advis Serv A.d.a.s. Q Rev* 8: 164-176. Spring 1973

072049 43.8 G69
Compost making at a dairy farm. Paul, T M *Gosamvardhana* 20 (4/5): 10-13. July-/Aug 1972

072050 43.8 G69
More fodder with urea. *Gosamvardhana* 20 (4/5): 8-9. July/Aug 1972

072051 S19.G74
Fertilizer marketing. Dayal, M S *Green Revolution* P. 71-72. 1972

072052 58.8 G92
Working elements & working methods of bulk fertilizer chains. (Ger) Oehring, J *Grundlagen Landtech* 22 (4): 118-119. Eng. Sum. 1972

072053 11 H152
Introducing liquid fertilizer. (Swe) Gustafsson, K G *Hallands Lans Hushallningssallsk Tidskr* 15 (6): 24-25. Nov 1972

072054 44.8 H65
Nitrogen increases orchard grass & bromegrass yields & profits. [Dactylis, Bromus]. Abbring, F T *Hoards Dairyman* 118 (8): 549, 591. Apr 25, 1973

072055 SF391.H6
Chiseling liquid manure: no odor, no runoff. Montgomery, G A *Hog Farm Manage* 10 (5): 10-13. May 1973

072056 99.9 AS12S
Preparation of compost from sawdust & chipper-dust. (Jap) Takahashi, H *Hokkaido Forest Prod Res Inst J* 2: 5-8. Eng. Sum. Feb 1973

072057 99.9 AS12S
Preparation of compost from sawdust & chipper-dust. (Jap) Takahashi, H *Hokkaido Forest Prod Res Inst J* 3: 6-11. Eng. Sum. Mar 1973

072058 HD9019.H72H6
Fertilization of hop cultures with minor elements. (Ger) Zwack, F *Hopenrundschau* 24 (4): 48-50, 52-54. (Continued) Feb 15, 1973

072059 HD9019.H72H6
Magnesium fertilization in time. [Hops]. (Ger) Schweiger, *Hopenrundschau* 24 (4): 54-55. Feb 15, 1973

072060 SB1.H6
Interactions in source of nitrogen fertilizer & liming procedure in control of Fusarium [oxysporum lycopersici]. Woltz, S S *Hortscience* 8 (2): 137-137. Apr 1973

072061 HD2042.A1I4
Problems in chemicalization of fruit culture. [Fertilizers, application, yields]. (Bul) Trendafilov, R *Ikon Sel Stop* 9 (2): 79-92. 1972

072062 19 L237
Mineral fertilization & human health. (Ger) Amberger, A *Im Blickfeld* 23 (29): 14-23. 1972

072063 S469.R92E39
Economic effectiveness of mechanization of accumulation & application of manure on cattle farms. (Rus) Bogush, A A *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 137-144. 1972

072064 SB191.W5P62
Yield & qualtiy of winter wheat grain in leached Chernozem soil relative to dosage, types & means of applying nitrogen fertilizers. (Rus) Predko, I G *In Povyshenie Kachestva Zerna Pshenitsy* P. 260-266. 1972

072065 SB191.W5P62
Effect of mineral & organic fertilizers on winter wheat quality in Odessa Region. (Rus) Balaganskaia, V E *In Povyshenie Kachestva Zerna Pshenitsy* P. 267-271. 1972

072066 SB191.W5P62
Effect of fertilizers on quality of soft wheat. (Rus) Glukhovtseva, N I *In Povyshenie Kachestva Zerna Pshenitsy* P. 278-282. 1972

072067 SB191.W5P62
Basis for obtaining strong wheats in Ukraine. [Fertilizers]. (Rus) Zhemela, G P *In Povyshenie Kachestva Zerna Pshenitsy* P. 287-291. 1972

072068 SB191.W5P62
Effect of fertilizers & irrigation on biochemical & technological properties of Bezostaia i wheat variety. (Rus) Torzhinskaia, L P *In Povyshenie Kachestva Zerna Pshenitsy* P. 292-296. 1972

072069 SB191.W5P62
Effect of nitrogen fertilizer application dates & methods on yield & quality of winter wheat in northern forest-steppe region of Ukraine. (Rus) Dan'ko, V I *In Povyshenie Kachestva Zerna Pshenitsy* P. 301-306. 1972

072070 SB112.V6
Effective use of mineral fertilizers on irrigated lands of Volga region. (Rus) Baliabo, N K *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 206-212. 1972

072071 SB112.V6
Methods for efficient utilization of fertilizers on grain crops in arid Volga region. (Rus) Chub, M P *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 142-146. 1972

072072 SB112.V6
Determining dosage of fertilizers in connection with irrigating wheat. (Rus) Baranovskii, P M *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 203-205. 1972

072073 SB112.V6
On effective use of fertilizers in Volgograd Region. [Grain]. (Rus) Radov, A S *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 146-149. 1972

072074 SB112.V6
Application of fertilizers to wheat & corn under irrigation. (Rus) Voronin, N G *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 199-203. 1972

072075 22 AG83I
Effect of rates, times & methods of nitrogen application on yield of triple-dwarf 'UP 301' wheat (Triticum aestivum L.). Sharma, K C *Indian J Agr Sci* 42 (10): 888-893. Oct 1972

072076 22 AG83I
Use of anhydrous ammonia in rice (Oryza sativa L.). Dahiphale, M V *Indian J Agr Sci* 42 (10): 893-896. Oct 1972

072077 22 AG83I
Effect of fertilizer application on regeneration of natural grasslands in coastal parts of Maharashtra. Oke, J G *Indian J Agr Sci* 42 (10): 897-900. Oct 1972

072078 22 IN235
Effect of compatability of nutrient sprays with insecticides & fungicides for cotton. Wankhede, N P *Indian J Agron* 17 (3): 162-164. Sept 1972

072079 22 IN235
Impact of fertilizers on rainfed ragi. YMellet]. Krishnamurthy, K *Indian J Agron* 17 (4): 259-262. Dec 1972

072080 22 IN235
Response of rice (Oryza sativa L.) to micronutrient application in red-yellow soil of Chhattisgarh M. P. Singh, R *Indian J Agron* 17 (4): 268-270. Dec 1972

072081 22 IN235
Response of paddy (IR-8 & Jaya) to nitrogen. [Rice]. Sumbali, G L *Indian J Agron* 17 (4): 279-282. Dec 1972

072082 22 IN235
Effect of methods & rates of nitrogen application on grain yield of rainfed barley. Singh, K N *Indian J Agron* 17 (4): 290-293. Dec 1972

072083 22 IN235
Effect of nitrogen & inoculum on yield & yield attributes of soybean. Thakur, B K *Indian J Agron* 17 (4): 303-305. Dec 1972

072084 22 IN235
Effect of fertilizers & their methods of application on yield of unirrigated wheat. Malik, D S *Indian J Agron* 17 (4): 309-311. Dec 1972

072085 22 IN235
Response of rice to graded doses of phosphorus in conjunction with magnesium & spartin. Nair, R R *Indian J Agron* 17 (4): 317-320. Dec 1972

072086 22 IN235
Economics of nitrogen fertilization to irrigated cotton (Gossypium hirsutum). Hunsigi, G *Indian J Agron* 17 (4): 329-331. Dec 1972

072087 22 IN235
Direct & residual effect of rice husk on crop growth on a sandy loam soil. Prihar, S S *Indian J Agron* 17 (4): 344-347. Dec 1972

072088 22 IN235
Note on effect of NPK [Nitrogen, phosphorus, potassium] & plant spacings on yield of hybrid bajra (Pennisetum typhoides) on grey brown alluvial soil & arid Rajasthan. [Nitrogen, phosphorus pearl-millet]. Shekhawat, G S *Indian J Agron* 17 (4): 348-349. Dec 1972

072089 22 IN235
Note on relative efficiency of phosphatic fertilizers in high yielding paddy in Sambalpur District. [Rice]. Sahu, S K *Indian J Agron* 17 (4): 357-358. Dec 1972

072090 22 IN235
Note on time of application of nitrogen to rice. Singh, V *Indian J Agron* 17 (4): 360-363. Dec 1972

072091 22 IN235
A note on foliar application of urea to jowar variety Swarna. [Durra]. Reddy, S N *Indian J Agron* 17 (4): 363-364. Dec 1972

072092 22 IN235
Note on preliminary studies in economics of nitrogen fertilization of buri cotton grown under rainfed conditions. Umrani, N K *Indian J Agron* 17 (4): 364-366. Dec 1972

072093 22 IN235
A note on response of mustard to NPK [nitrogen, phosphorus, potassium] fertilizers in south Western Rajasthan. [India]. Shekhawat, G S *Indian J Agron* 17 (4): 367-369. Dec 1972

072094 22 IN235
Note on soil nitrogen fertility levels & sorghum grain protein. Uprety, D C *Indian J Agron* 17 (4): 369-371. Dec 1972

072095 65.8 IN26
Influence of manures & fertilisers on quality constituents of sugar cane juice. Mahamuni, I *Indian Sugar (calcutta)* 22 (10): 775-780. Ref. Jan 1973

072096 65.8 IN26
Influence of manures & fertilisers on quality constituents of sugar cane juice. Mahamuni, I *Indian Sugar (calcutta)* 22 (10): 775-780. Jan 1973

072097 20 M57AG
Liquid mineral fertilizers. (Ger) Czuba, R *Int Z Landwirt* 5: 550-553. Ref. 1972

072098 22 IN8
In Sambalpur cauliflower needs boron. Mishra, D P *Intensive Agr* 10 (10): 11-12. Dec 1972

072099 22 IN8
Beet root has come to stay in Coimbatore. [Fertilizers]. Shanmugam, K *Intensive Agr* 10 (10): 9-10. Dec 1972

072100 SB731.A1I7
Effect of NPK [nitrogen, phosphorus, potassium]-ratio & application rate on seed yield & other parts of sunflower. Bamdad, D *Iranian J Plant Pathol* 8 (1): 1-6. Ref. Mar 1972

072101 SB731.A1I7
Effect of mixing Rhizobium japonicum with soil & different amounts of nitrogen fertilizers on soybean yield. (Per) Karbachsch, M *Iranian J Plant Pathol* 8 (2): 68-74. Eng. Sum. June 1972

072102 107 J552
A comparative study of soil versus foliar application of ammonium nitrate to wheat under different moisture regimes. Nerson, H *Israel J Agr Res* 22 (3): 171-177. Sept 1972

072103 58.8 J82
Long term management of animal manures. O'callaghan, J R *J Agr Eng Res* 18 (1): 1-12. Ref. Mar 1973

072104 10 J822
Effect of method & rate of application of common salt & muriate of potash on sugar beet. Holmes, J C *J Agr Sci (London)* 80 (2): 239-244. Apr 1973

072105 10 J822
Response of dwarf wheat (Triticum aestivum L.) to graded doses of P [phosphorus] & K [potassium] on soils of different available P [phosphorus] status. Singh, B R *J Agr Sci (London)* 80 (2): 251-253. Apr 1973

072106 10 J822
Manuring of potatoes on fen silt soils in Holland, Lincolnshire. Berryman, C *J Agr Sci (London)* 80 (2): 269-281. Ref. Apr 1973

072107 10 J822
Response of yam (Dioscorea rotundata) to fertilizer application in northern Ghana. Koli, S E *J Agr Sci (London)* 80 72): 245-249. Ref. Apr 1973

072108 S19.J62
Effect of addition of soil on decomposition & conservation of nitrogen in farmyard manure. Siddique, M M *J Agric Res* 10 (3): 181-186. Sept 1972

072109 S19.J62
Berseem & fertilizer. Ahmad, S N *J Agric Res* 10 (3): 187-190. Sept 1972

072110 S19.J62
Optimum dose of NPK [nitrogen, phosphorus, potassium] fertilizers for maximum production of onion. Raza, S H *J Agric Res* 10 (3): 233-2348 Sept 1972

072111 S19.J62
To find out optimum dose of NPK [nitrogen, phosphorus, potassium] fertilizers for maximum production of chillies. Bangash, N A *J Agric Res* 10 (3): 237-238. Sept 1972

072112 S19.J62
Studies on nitrification of blood, in presence of mineral nitrogen in some soils of Peshawar region. II. [Slaughterhouse waste, fertilizers]. Azad, I *J Agric Res* 10(1): 46-53. Ref. Mar 1972

072113 450 J829
Observations on phosphorus nutrition of two sand dune communities at Ross Links. [Great Britain]. Atkinson, D *J Ecol* 61 (1): 147-133. Ref. Mar 1973

072114 450 J829
Response of grasslands on sugar-limestone in Teesdale to application of phosphorus & nitrogen. Jeffrey, D W *J Ecol* 61 (1): 85-92. Mar 1973

072115 60.18 J82
Wheatgrass response to seasonal applications of two nitrogen sources. [Agropyron]. Sneva, F A *J Range Manage* 26 (2): 137-139. Ref. Mar 1973

072116 385 K524
Effectiveness of various forms of nitrogen fertilizers with early spring & late non-root fertilizer supplements on winter wheat. (Rus) Riabchuk, D I *Khim Sel'skom Khoz* 10 (10): 19-20. 1972

072117 385 K524
Application of complex fertilizers in connection with sugar beet culture. (Rus) Lomnitskii, IA E *Khim Sel'skom Khoz* 10 (10): 22-24. 1972

072118 385 K524
Effect of fertilizers on yield & qualtity of hard spring wheat in Penza Region. (Rus) Savenko, V I *Khim Sel'skom Khoz* 10 (10): 24-25. 1972

072119 385 K524
Effect of magnesium on yield of potatoes relatitive to type of potassium fertilizer. (Rus) Norkina, I A *Khim Sel'skom Khoz* 10 (10): 25-28. Ref. 1972

072120 385 K524
Red clover seed yield in relation to phosphorus-potassium fertilizer application dates. (Rus) Purtov, G M *Khim Sel'skom Khoz* 10 (10): 28-30. 1972

072121 385 K524
Ratio between grain crop yields by soil-agrochemical zones & amounts of phosphorus & potassium in soil. (Rus) El'nikov, I I *Khim Sel'skom Khoz* 10 (10): 3-10. Ref. 1972

072122 385 K524
Effect of organic & mineral fertilizers on corn yield with dry farming in foothills of Dagestan. (Rus) Salmanov, A B *Khim Sel'skom Khoz* 10 (10): 30-32. 1972

072123 385 K524
Effect of sulfur on yield of forage & vegetable crops in loamy bog-podzolic soil – vegetative experiments. (Rus) Fomin, P I *Khim Sel'skom Khoz* 10 (10): 33-37. Ref. 1972

072124 385 K524
Stydy of physical properties of fertilizer mixtures with an ammonia base. (Rus) Malonosov, N L *Khim Sel'skom Khoz* 10 (10): 40-44. 1972

072125 385 K524
Application of higher norms for nitrogen fertilizers on winter wheat under production conditions. (Rus) Startseva, A F *Khim Sel'skom Khoz* 11 (1): 15-17. 1973

072126 385 K524
Physical properties of manure mixtures on a base of ammoniated superphosphates. (Rus) Malonosov, N L *Khim Sel'skom Khoz* 11 (1): 21-26. Ref. 1973

072127 385 K524
Effectiveness of phosphate rock applied by pneumatic spreaders. (Rus) Litvinov, M A *Khim Sel'skom Khoz* 11 (1): 28-30. 1973

072128 385 K524
Expanding & intensifying experimental work with fertilizers is problem of day. (Rus) Pannikov, V D *Khim Sel'skom Khoz* 11 (1): 3-9. 1973

072129 385 K524
Agrochemical conditions for obtaining high yields of grain crops on progressive collective & state farms of region near Moscow. [Fertilizer application]. (Rus) Aristarkhov, A N *Khim Sel'skom Khoz* 11 (1): 64-71. Map. 1973

072130 385 K524
Physicome chanical properties & efficiency of mineral fertilizers. [Yields]. (Rus) Borisov, V M *Khim Sel'skom Khoz* 11 (1): 9-14. 1973

072131 385 K524
Applying fertilizers to barley in typical Chernozem in Kursk Region. (Rus) Sergeeva, O IA *Khim Sel'skom Khoz* 11 (2): 12-14. 1973

072132 385 K524
Methods of determining frability of fertilizer granules. (Rus) Kuvshinnikov, I M *Khim Sel'skom Khoz* 11 (2): 24-28. Ref. 1973

072133 385 K524
Lime dosage for obtaining desired amount of hydrogen-ion concentration. (Rus) IAkovleva, M E *Khim Sel'skom Khoz* 11 (2): 6-9. 1973

072134 385 K524
On effectiveness of utilizing fertilizers on cotton plants in Uzbek SSR. (Rus) Khasandzanov, K A *Khim Sel'skom Khoz* 11 (2): 67-68. 1973

072135 385 K524
Production & consumption of mineral fertilizers in European member-countries of Council for Mutual Economic Assistance. (Rus) Kardinalovskaia, R I *Khim Sel'skom Khoz* 11 (2): 69-71. Ref. 1973

072136 385 K524
Effect of split application of fertilizers on yield of winter wheat. (Rus) Boiko, G I *Khim Sel'skom Khoz* 11 (2): 9-12. 1973

072137 100 L93 (1)
The influence of soil reaction, residual soil phosphorus and Peevy, W J *La Agr Exp Sta Bull* 669, 20 P. Map. Dec 1972

072138 100 L93 (1)
Soil analysis: an aid in fertilization of vegetable crops. Jones, L G *La Agr Exp Sta Bull* 671, 24 P. Map. Ref. Feb 1973

072139 11 L236
Nitrogen fertilization & harvest time for pasture crop. (Nor) Tranmael, T *Landbrukstidende* 79 (9): 188-190. Mar 3, 1973

072140 11 L236
Fertilization of grain crop. (Nor) Sirum, B *Landbrukstidende* 79 (9): 193-195, 197-198. Mar 3, 1973

072141 56.9 R44
Effectiveness of crop predecessors in soddy-podzolic soils depending on quantities of mineral fertilizers applied. (Rus) Lejina, B *Latv Nauch-issled Inst Zeml Poch Urozhai* 20: 33-47. Ref. Eng. Sum. 1972

072142 56.9 R44
Effect of fertilization upon seasonal changes of calcium-lactic-soluble phosphorus & potassium content of soil. (Rus) Reinfelde, L *Latv Nauch-issled Inst Zeml Poch Urozhai* 20: 73-88. Ref. Eng. Sum. 1972

072143 18 L49
Healthy soil – healthy vegetation – healthy food: about meaning of magnesium. (Ger) Rautavaara, T *Lebendige Erde* 6: 208-211. Nov/Dec 1972

072144 SD1.L4
Influence of liming on microflora of sod-podzolic soils under pine plantations. (Rus) Bol'shakova, V S *Lesovedenie* 1: 30-37. Ref. Eng. Sum. Jan/Feb 1973

072145 43.8 B392
Relating fertiliser use to profit. [Grasses]. Maddra, C *Livest Farming* 10 (2): 42, 46. Feb 1973

072146 100 M28M
Maine guidelines for manure & manure sludge disposal on land. *Maine Agr Exp Sta Misc Rep* 142, 21 P. July 1972

072147 44.9 M382
Use of fertilizer nitrogen on a dairy farm. Holmes, C W *Massey Univ Dairyfarming Annu* P. 98-99. Oct 1972

072148 58.8 M467
Corrosive effects of commercial fertilizers & organic manures. (Cze) Severnev, M M *Mech Zemedel* 24 (2): 59-60. Eng. Sum. 1973

072149 18 N39
Oh, this irksome straw! [Decomposition, humus]. (Ger) Merbitz, H *Mitt Deut Landwirt-ges* 87 (51): 1289-1290, 1292. Dec 14, 1972

072150 18 N39
Harvest of 1972 & nitrogen fertilization for 1973. (Ger) Sturm, H *Mitt Deut Landwirt-ges* 88 (5): 118-121. Feb 1, 1973

072151 275.29 M76NO
Potassium hunger in Montana soils. Skogley, E *Mont State Univ Coll Agric Coop Ext Serv Now* 9 (2): 3-5. Map. Winter 1972/73

072152 442.9 M854
Effect of direct application of large doses of lime on yield & quality of flax. (Rus) Ampilogov, N E *Moscow Univ Vestnik Ser 6 Biol Pochvoved* 6: 114-120. Ref. Eng. Sum. Nov/Dec 1972

072153 S19.M9
Response of paddy to fertilizers in Shimoga District. [Fice]. Munegowda, M K *Mysore J Agr Sci* 6 (3): 225-234. 1972

072154 100 N81 (2)
Nitrogen management, plant population & row width studies with corn. Kamprath, E J *N C Agr Exp Sta Tech Bull* 217, 19 P. Ref. Mar 1973

072155 275.29 N811
Micronutrients for North Carolina crops. Baird, J V *N C Univ Ext Ext Circ* 533, 14 P. Jan 1973

072156 275.29 N811
Potential for water pollution from fertilizer use in North Carolina. Gilliam, J W *N C Univ Ext Ext Circ* 550, 15 P. Ref. Apr 1973

072157 442.8 N22
Effect of chemical improvement substances on alkaline soils. (Rus) El'kuni, Sh E *Nauch Dokl Vyssh Shk, Biol Nauk* 9: 116-122. 1972

072158 100 N27 (4)
Fertilization of subirrigated meadows in western Nebraska. Daigger, L A *Nebr Agr Exp Sta Sb* 521, 8 P. Aug 1972

072159 49.9 N76
Chemical additive for manure. (Nor) Tjernshaugen, O *Norges Landbrukshogsk Inst Bygningsteknikk Stensiltrykk* 115, 12 P. 1973

072160 64.8 N76
Investigations on possibilities of reducing tillage & on effectiveness of fertilization in long-term experiments. II. (Hun) Sipos, S *Novenytermeles* 22 (1): 45-60. Eng. Sum. Mar 1973

072161 64.8 N76
Effect of fertilization on yield & composition of different potato varieties. I. Yield response to fertilization. (Hun) Nemeth, I *Novenytermeles* 22 (1): 73-82. Ref. Eng. Sum. Mar 1973

072162 20.5 N86
Effect of nitrogen fertilization & time of sowing on yiels of hariy vetch-rye mixtures & puresown rye grown as a winter aftercrops. (Pol) Gromadzinski, A *Nowe Roln* 22 (4): 10-12. Feb 16/28, 1973

072163 20.5 N86
Problems of intensification of fertilizer use in Lodz province. (Pol) Stasiak, Z *Nowe Roln* 22 (5): 4-6. Mar 1/15, 1973

072164 20.5 N86
Planned services of state agricultural machinery centers in application of new forms of liquid fertilizers. (Pol) Ludwiczak, J *Nowe Roln* 23 (6): 13-15. March 16/31, 1973

072165 S11.N93
Story behind liquid ammonia: semimanufactured product is used in field. [Fertilizers]. (Dan) Christensen, N H *Nye Dan Landbrug* 4 (3): 18-19, 21, 23-24. Mar 1973

072166 275.29 OH32EL
Ohio Plant Analysis Laboratory. [Foliar diagnosis]. Trierweiler, J F *Ohio State Univ Ext Leafl* 125, 2 P. Mar 1973

072167 57.8 OR32
There's more to dust than dirt. Tilsher, W G *Org Gard Farming* 20 (5): 78-80. May 1973

072168 72.8 P172
Some observations on time of application of nitrogenous fertilizer to long staple cotton at Multan. Muhammad, C W *Pakistan Cottons* 17 (1): 20-29. Oct 1972

072169 25 P542
Pre-harvest factors affecting tomato fruit quality. I. Mineral nutrition. Santos, G A *Philippine Agr* 55 (7/8): 289-309. Ref. Dec 1971/jan 1972

072170 294.8 P56
Italian phosphate fertilizer industry. Weathering a difficult time for chemicals. *Phosphorus & Potassium* 63: 32-40. Map. Jan/Feb 1973

072171 294.8 P56
Ion exchange makes chlorine-free NPK cheaper. [Nitrogen, phosphorus, potassium]. Knudsen, K C *Phosphorus & Potassium* 63: 42-43. Jan/Feb 1973

072172 450 P564
Changes in urease activity in apple trees as related to urea applications. Shim, K K *Physiol Plant* 28 (2): 327-331. Ref. 1973

072173 450 P696
Effectiveness of different sources of phosphates on yield, available soil phosphorus & phosphourus content of bluebelle rice. Shukla, G C *Plant Soil* 38 (2): 447-455. Ref. Apr 1973

072174 450 P696
Influence of nitrogen & phosphorus fertilizers on expression of downy mildew of sorghum. [Sclerospora sorghi]. Balasubramanian, K A *Plant Soil* 38 (2): 477-479. Apr 1973

072175 57.8 P34
Fertility of reclaimed peat-boggy soils as affected by application of fertilizers. (Rus) Kalmykov, G S *Pochvovedenie* 2: 102-110. Ref. Eng. Sum. Feb 1973

072176 S590.P6
Effect of basic tillage & fertilizer on sunflower yields. (Bul) Borisov, G *Pochvozn Agrokhim* 7 (5): 91-100. Ref. Eng. Sum. ref. Eng. Sum.

072177 20.5 P84
Effect of fertilizers on a very acid sandy soils. (Pol) Jaskowski, Z *Postepy Nauk Roln* 4: 59-67. Ref. 1972

072178 SB290.R9
Soil & leaf nutrient surveys for discriminatory fertiliser use in west Malaysian rubber holdings. [Hevea]. Chan, H Y *Proc RRIM Plant Conf (rubber Res Inst Malaya)* P. 201-213. Ref. 1971 (Pub. 1972)

072179 SB290.R9
Economic analyses of cover policies & fertiliser use in rubber cultivation. [Hevea]. Chuan, T T *Proc RRIM Plant Conf (rubber Res Inst Malaya)* P. 214-233. Ref. 1971 (Pub. 1972)

072180 100 M28MA
Effect of fertilization on yield & specific gravity of Katahdin, Lenape, & Wauseon grown continuously & in two-year rotation. [Potatoes]. Murphy, H J *Res Life Sci* 20 (15):, 5 P. Apr 1973

072181 S544.3.M6M6
Fertilizing grasses & legumes for protein supplement. Erb, D M Agricultural Experiment Station *Res Rep Mont Agric Exp Stn Mont State Univ* 37: 4.1-4.5. 1973

072182 56.8 R592
An attempt of estimation of fertilization of apple trees in Poland with microelements. (Pol) Pieprzowska, J *Rocz Gleboznawcze* 23 (2): 275-276. Eng. Sum. 1972

072183 56.8 R592
Results of field experiments, carried out by Institute for Soil Science & Cultivation of Plants (IUNG), on microfertilization of crops. (Pol) Szukalski, H *Rocz Gleboznawcze* 3 (2): 153-159. Eng. Sum. 1972

072184 64.9 C33
Studying balance of main nutrients at different levels of fertilization of grass stands. (Slo) Habovstiak, J *Rostlinna Vyroba* 18 (11): 1191-1198. Eng. Sum. Nov 1972

072185 64.9 C33
Effect of nitrogen residues of fertilizers & of organic manuring on nutrient uptake of summer barley in different production regions. (Cze) Jelinek, K *Rostlinna Vyroba* 18 (11): 1209-1219. Ref. Eng. Sum. Nov 1972

072186 64.9 C33
Processes of ripening in case of composting of fly ash & ligneous matter. (Cze) Wunschova, M *Rostlinna Vyroba* 18 (12): 1283-1289. Eng. Sum. Dec 1972

072187 80 SA15
Fertilizers for orchard nurseries. (Rus) Rogut, V S *Sadov Vinogradarstvo Vinodelie Moldavii* 1: 33-35. Jan 1973

072188 S13.S55
Application of fertilizers in Transpolar region. (Rus) Kol'tsov, A Kh *Sib Vestn S-kh Nauk* 6: 36-43. Nov/Dec 1972

072189 S13.S55
Study of possibility of using peat-vivianite in mixes & composts with ammonia water. (Rus) Denisova, M V *Sib Vestn S-kh Nauk* 6: 46-50. Nov/Dec 1972

072190 104 SW3
Forest fertilization in Sweden in 1971. (Swe) Holmen, H *SkogsLantbruksakad Tidskr* 111 (1/2): 43-50. Eng. Sum. 1972

072191 56.8 SO38
Soil-plant nutrition studies on tropical rice. V. Yield components as affected by timing of top-dressing of nitrogen in Bangkhen paddy field. [Rice]. Koyama, T *Soil Sci Plant Nutr* 18 (6): 233-245. Ref. Nov 1972

072192 54.8 SU7
On duration of effect of fertilizer application to peatland forests. (Fin) Karsisto, K *Suo* 23 (3/4): 49-56. Eng. Sum. Sept 29, 1972

072193 S604.A1T4
Irrigation & fertilizers as factors for regulating soil conditions of plant life. (Rus) Revut, V I *Teor Vopr Obrab Pochv* 3: 208-220. Ref. 1972

072194 S604.A1T4
Study of adhesion capacity of polymer-structure formers. [Soils]. (Rus) Maslenkova, G L *Teor Vopr Obrab Pochv* 3: 304-309. 1972

072195 S604.A1T4
Forming water-impermeable macrostructure from suspensions & paste of argillaceous minerals & soils with action of artificial structure-formers. (Rus) Petrushenko, S E *Teor Vopr Obrab Pochv* 3: 310-319. Ref. 1972

072196 S604.A1T4
Efficiency of organic fertilizers in providing high-yield sugar beet crops with carbon dioxide. (Rus) Popov, V V *Teor Vopr Obrab Pochv* 3: 98-112. 1972

072197 104 SW3 SUPPL.
Some views on problem of commercial fertilizers & environment. (Swe) Gunnarsson, O *Tidskr Suppl K Skogs Lantbruksakad (stockh)* 9: 43-50. Map. 1972

072198 99.8 T432
Fertilizing young forest. (Nor) Brantseg, A *Tidsskr Skogbruk* 80 (2): 183-191. Uu/uui601000 1972

072199 99.8 T432
Practical application of forest fertilizing program. (Swe) Weslien, J *Tidsskr Skogbruk* 80 (2): 231-244. 1972

072200 99.8 T432
Economic sides of forest fertilizing. (Swe) Bjornsgaard, T *Tidsskr Skogbruk* 80 (2): 245-250. 1972

072201 1.962 C5T71
Phosphorus stimulates growth of yellow birch seedlings. [Betula alleghaniensis]. Hannah, P R *Tree Planters' Notes* 24 (1): 1-2. Feb 1973

072202 1.962 C5T71
Container-grown trees show response to fertilization at time of planting. [Pseudotsuga menziesii, Picea sitchensis]. Arnott, J T *Tree Planters' Notes* 24 (1): 15-19. Ref. Feb 1973

072203 80 T817
Soil maintenance in grape culture. (Dut) Marien, W *Tuinbouwberichten* 37 (2): 67-68. Feb 1973

072204 66.8 U12
Nitrogen fertilization for maximum production. [Sugar beets]. Johnson, R *U I (utah-Idaho) Sugar Cult* 33 (1): 36-38. Spring 1973

072205 S17.U4
Three most essential food elements for a maize crop. [Fertilizers]. Lubanga, J V *Ulimo Nemfuyo* 8 (4): 27-28. Dec 1972

072206 S542.R6U5
Studies concerning efficacity of complex fertilizers on wheat, on sands of left bank of Jiu (Timburesti). (Rum) Matel, I *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 185-192. Ref. 1971 (Pub. 1972)

072207 S542.R6U5
A study on influence of doses of organic & chemical fertilizers on production of cucumbers growing in sandy soils under irrigation. (Rum) Almasan, N *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 253-257. Eng. Sum. 1971 (Pub. 1972)

072208 20 AK16
Effect of pre-planting application of mineral fertilizers on yield of Cassia acutifolia. (Rus) Dzhanabaev, T N *Vestn Sel'skokhoz Nauk (Alma-ata)* 1: 122-124. Jan 1973

072209 20 AK16
Effect of simple & complex fertilizers on yield of wheat dry-farmed in Chimkent Region. (Rus) Turebaev, Zh M *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 23-25. Feb 1973

072210 20 AK16
Comparative effectiveness of condensed phosphates from Karatau phosphorites. [Fertilizers]. (Rus) Mozhaeva, G M *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 28-31. Feb 1973

072211 80 V662
Nitrogen – a raw material for a fruit factory. Tisdall, J *Victorian Hort Dig* 16 (2): 17-21. Summer 1972

072212 80 V662
Leaf analysis in Goulburn Valley. [Fruit, fertilisers]. Ende, B van den *Victorian Hort Dig* 16 (2): 23-26. Summer 1972

072213 80 V662
Straw mulch & farmyard manure for peaches. Absalom, S H *Victorian Hort Dig* 16 (2): 8. Summer 1972

072214 20 V82
Method of analyzing effectiveness of fertilizers in agricultural production. (Ukr) Shevchenko, A O *Visnyk Sil's'kohospodar Nauk* 1: 19-24. Jan 1973

072215 20 V82
Some problems relating to system of fertilizers used in crop rotation. (Ukr) Haliuk, M Kh *Visnyk Sil's'kohospodar Nauk* 1: 31-38. Jan 1973

072216 20 V82
Efficient utilization of fertilizers in grain-beet crop rotation in forest-steppe region of Ukraine. (Ukr) Bisovets'kyi, T IA *Visnyk Sil's'kohospodar Nauk* 1: 38-44. Jan 1973

072217 20 V82
Applying peat-manure mixture directly to fiber flax. (Ukr) Fomenko, L D *Visnyk Sil's'kohospodar Nauk* 1: 68-70. Jan 1973

072218 20 V82
Mathematical statistical methods for planning allocation of fertilizers. (Ukr) Mosiiuk, P O *Visnyk Sil's'kohospodar Nauk* 2: 10-16. Feb 1973

072219 20 V82
On evaluating inequality of fertilizer distribution on field surface. (Ukr) Keheles, IU S *Visnyk Sil's'kohospodar Nauk* 2: 23-26. Feb 1973

072220 20 V82
Effect of systematic application of superphosphate on corn. (Ukr) Kudzin, IU K *Visnyk Sil's'kohospodar Nauk* 2: 39-44. Ref. Feb 1973

072221 20 V82
Effect of types of nitrogen fertilizers on yield & quality of winter wheat grain in leached Chernozem soil. (Ukr) Tarariko, N M *Visnyk Sil's'kohospodar Nauk* 2: 49-53. Feb 1973

072222 20 V82
Effectiveness of applying top dressing of urea & ammonium nitrate to winter wheat. (Ukr) Tymchenko, V I *Visnyk Sil's'kohospodar Nauk* 2: 62-63. Feb 1973

072223 20 V82
Effectiveness of systematic application of fertilizers to natural meadows. (Ukr) Dobrians'kyi, V S *Visnyk Sil's'kohospodar Nauk* 2: 64-67. Feb 1973

072224 20 V82
On use of top dressing in culture of sugar beets & corn in Poltava Region. (Ukr) Hryb, M I *Visnyk Sil's'kohospodar Nauk* 3: 46-49. 1973

072225 20 V82
Effectiveness of fertilizers in developed crop rotation system in drained bog-carbonate soils. (Ukr) Balan, A H *Visnyk Sil's'kohospodar Nauk* 3: 49-54. 1973

072226 20 AK1
On problem of determining removal of litter-free manure in large-scale animal industry complexes. (Rus) Bugaev, V P *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 2: 20-22. Feb 1973

072227 SB199.A1V9
Results in improvement of grass swards, type Nardetum strictae, by manuring & addition of clover & grass mixtures. (Slo) Habovstiak, J *Vysk Ustav Luk Pasienkov Ved Pr* 7: 43-57. Ref. 1972

072228 SB199.A1V9
Results in improvement of grass swards, type Nardus stricta in Bulgaria. (Slo) Jakimova, J *Vysk Ustav Luk Pasienkov Ved Pr* 7: 59-81. Ref. 1972

072229 SB199.A1V9
Effect of botanical composition on utilization of pasture mixtures. [Grasses]. (Cze) Vahala, Z *Vysk Ustav Luk Pasienkov Ved Pr* 8: 83-96. Eng. Sum. 1972

072230 S13.V9
Effect of plowing in various doses of phosphorus pentoxide & potassium oxide at standard fertilization with nitrogen, phosphorus & potassium on yields & some technological properties of spring barley. (Slo) Jamriska, P *Vysk Ustav Rast Vyroby Ved Pr* 10: 211-219. Ref. Eng. Sum. 1972

072231 18 J825
Lysimeter investigations on nitrogen leaching during manuring with straw & application of various forms of Nitrogen. (Ger) Jung, J *Z Acker& Pflanz* 136 (4): 280-289. Ref. Eng. Sum. Dec 1972

072232 18 J825
A comparative study on interactive effect of qualities of irrigation water & fertilizer levels on yield of wheat grown on different soils. Lal, P *Z Acker& Pflanz* 136 (4): 302-308. Ref. Dec 1972

072233 58.9 C333
Aerobic processing of excreta in space below grate without any run-off. [Swine]. (Cze) Joza, K *Zemed Tech* 18 (12): 747-754. Eng. Sum. Dec 1972

072234 20 Z44
Storage of mineral fertilizers. (Rus) Babenko, N *Zemledelie* 2: 48-50. Jan 1973

072235 20 Z44
Manure increases effectiveness of mineral fertilizers. (Rus) Bodrova, E *Zemledelie* 2: 52-54. Jan 1973

072236 20.5 Z5
Effect of different fertilizers on yields of plants in crop rotation on sandy soils. (Ger) Antal, J *Zeszyty Probl Postepow Nauk Roln* 137: 223-233. 1972

072237 20.5 Z5
Effect of organic & mineral fertilizers on productivity & fertility indicator on sandy soils of diluvial origin. (Ger) Specht, G *Zeszyty Probl Postepow Nauk Roln* 137: 235-241. Ref. 1972

072238 20.5 Z5
Fertilizing properties of root system of yellow forage lupine in sandy soil conditions. (Rus) Dukhanin, A A *Zeszyty Probl Postepow Nauk Roln* 137: 253-260. 1972

072239 20.5 Z5
About effect of mineral nitrogen on yellow forage lupine. (Rus) Atrashkova, N A *Zeszyty Probl Postepow Nauk Roln* 137: 261-270. 1972

072240 20.5 Z5
Dynamics of assimilated forms of phosphorus pentoxido, potassium oxide & magnesium in light soils under application of organic & mineral fertilizers. (Pol) Adamus, M *Zeszyty Probl Postepow Nauk Roln* 137: 271-279. 1972

072241 20.5 Z5
Effect of fertilizers on yields of crops in crop rotation & properties of soil. (Pol) Gawronska-Kuleszowa, A *Zeszyty Probl Postepow Nauk Roln* 137: 281-294. 1972

072242 20.5 Z5
Use of bentonite for improvement of properties of sandy soils. (Ger) Lhotsky, J *Zeszyty Probl Postepow Nauk Roln* 137: 309-317. 1972

072243 20.5 Z5
Reaction of plants growing on loose clay sand to deep tillage and increased amount of organic fertilizers. (Pol) Nawrocki, S *Zeszyty Probl Postepow Nauk Roln* 137: 335-342. 1972

072244 20.5 Z5
Effect of different depth of manure application & irrigation on plant yields & some soil properties. I. Effect on crop yields. (Pol) Zimniak, Z *Zeszyty Probl Postepow Nauk Roln* 137: 343-359. 1972

072245 20.5 Z5
Effect of different depths of manure application on crop yields & some soil properties. II. Effect on some soil properites. (Pol) Zimniak, Z *Zeszyty Probl Postepow Nauk Roln* 137: 361-372. Ref. 1972

072246 20.5 Z5
Elevation of fertility on sandy & sandy loam soil in a non-chernozem zone. (Rus) Tolstousov, V V *Zeszyty Probl Postepow Nauk Roln* 137: 79-92. 1972

SOIL RESOURCES AND MANAGEMENT

072247 385 AG83
Peat-resources in southern part of Hungarian Danube Valley. (Hun) Domsodi, M *Agrokem Talajtan* 21 (3/4): 337-354. Ref. Eng. Sum. 1972

072248 18 N11
Training at plow still important. (Ger) Feuerlein, W *Ausbildung Beratung Land-Hauswirtsch* 25 (11): 189-191. Nov 1972

072249 S11.B43
Contemporary tillage problems. (Dut) Kuipers, H *Bedrijfsontwikkeling* 4 (2): 161-163. Feb 1973

072250 S13.B7
Some aspects of judging economic contributions of land melioration. (Cze) Sedlak, L *Brno Acta Univ Agr Fac Agron* 19 (3): 509-516. 1971

072251 S13.B7
Effect of different methods & depths of plowing on physical properties of soil under winter wheat. (Cze) Klaska, F *Brno Acta Univ Agr Fac Agron* 20 (2): 183-189. Eng. Sum. 1972

072252 S13.B7
Development and present state of the land improvement and reclamation policy in the territory of Czechoslovakia. (Cze) Juva, K *Brno Acta Univ Agr Fac Agron* 20 (2): 191-197. Eng. Sum. 1972

072253 68.18 C33
Influence of mulch & cover crops on surface run-off & soil erosion on tea lands during early growth of replanted tea. [Iragrostis curvula, Townsville lucerne]. Manipura, W B *Ceylon Tea Res Inst Tea Quart* 43 (3): 95-102. Ref. Sept 1972

072254 HD1970.A1E2
Forest roads in mountainous regions & soil protection. (Ita) Fozzer, F *Econ Mont* 4 (33): 205-207. Aug 1972

072255 281.9 F733E
Report to Government of Morocco on a study of erosion in Sebou basin. (Fre) Robert, P *F A O Expanded Program Tech Assist FAo Rep* 3127, 7 P. 1972

072256 S19.F37
Reclamation & management of salt-affected soils. Marwaha, P S *Farmer Parliament* 7 (12): 9-10, 24-25. Dec 1972

072257 24 SO842
Prevent damage to contour works. Gertenbach, J J *Farming S Afr* 48 (11): 4-6. Feb 1973

072258 S251.F6
Stubble management. (Swe) Claesson, S *Forsk Prakt* 5, 7 P. 1971 (Pub. Jan 1973)

072259 14 F844B
Study device for sanitation & culture of saline to alkaline soils at Souteyranne (Gard) in perimeter of activity of National Company for Management of Lower Rhone & Langu (Fre) Allemand, M *France Min Agr Bull Tech Inform* 2 (Special No. 273/274: 971-979. Eng. Sum. Sept/Oct 1972

072260 14 F844B
Experimental drainage in clay soils (Perthois Marnais). (Fre) Magniant, D *France Min Agr Bull Tech Inform* 2 (Special No.273/274: 965-969. Map. Eng. Sum. Sept/Oct 1972

072261 14 F844B
An example of enhancement of peat land: Hydro-agricultural management of marsh lands of Pointe-Noire to develop market crop culture. (Fre) David, M *France Min Agr Bull Tech Inform* 277: 117-134. Map. Feb 1973

072262 GB401.G4
Development of gullies on plains of Turgai. (Rus) Kozlova, A E *Geomorfologiia* 1: 58-67. Eng. Sum. Jan/Mar 1973

072263 290.8 H81
Soil erosion by water in a Mediterranean climate: Experimental determination of eroded volumes at field level. (Fre) Masson, J M *Houille Blanche* 27 (8): 673-678. Map. Eng. Sum. 1972

072264 HD2042.A1I4
Effectiveness of certain prospective methods of restoring & re-cultivating soils in region of Maritsa-East power complex. [Bulgaria]. (Bul) Gurbuchev, I *Ikon Sel Stop* 9 (2): 93-102. 1972

072265 100 IL64
Erosion from feedlots is predicted by adapting universal soil loss equation. Jeschke, J L *Ill Res* 15 (2): 18. Spring 1973

072266 100 IL64
Will conservation tillage increase incidence of plant disease? [Corn, wheat]. Burns, E E *Ill Res* 15 (2): 8-9. Spring 1973

072267 19 L237
An isolating layer to control evaporation losses in soil. (Ger) Nestroy, O *Im Blickfeld* 23 (29): 12-13. 1972

072268 SB112.V6
Preliminary results of soil-reclamation research on 'syrt' depression of Saratov Region. (Rus) Volokhova, A A *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 235-239. 1972

072269 SB112.V6
General reclamation in Volga region. (Rus) Egorov, V V *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 222-227. 1972

072270 SB112.V6
On basic tillage in irrigated rotation of crops in trans-Volga region. (Rus) Ivanov, P K *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 159-164. 1972

072271 SB112.V6
Prospective technology & machine complex for control of soil erosion by water. (Rus) Piliugin, L M *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 256-262. 1972

072272 SB112.V6
Effective procedures for soil tillage in a system of drought control in Volga region. (Rus) Kafarena, V I *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 137-141. 1972

072273 SB112.V6
Soil reclamation significance of cultivated & wild plants in Solonets complexes. (Rus) Beguchev, P P *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 285-287. 1972

072274 SB112.V6
Current status & means of improving utilization of sandy lands of lower Volga. (Rus) Kulik, N F *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 365-368. 1972

072275 SB112.V6
Agricultural development of eroded sloped land on Red October Collective Farm, Kletskii District, Volgograd Region. (Rus) Dukhnov, V K *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 368-374. 1972

072276 SB112.V6
Complex of anti-erosion measures & their effectiveness. (Rus) Kuznetsov, A P *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 379-382. 1972

072277 SB112.V6
Runoff control as a means of controlling soil erosion & drought. (Rus) Surmach, G P *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 374-378. 1972

072278 22 IN283
Science & desert control. [Reclamation]. Mann, H S *Indian Farming* 22 (6): 5-8. Sept 1972

072279 99.8 IN2
Studies on suitability of grasses for protection of field-earthen-structures in Agra region of Yamuna ravines. [Water erosion]. Prajapati, M C *Indian Forest* 99 (4): 193-204. Ref. Apr 1973

072280 22 IN8
Barren lands yield bumper crops. [Saline soils, alkali soils, reclamation]. Rao, P V *Intensive Agr* 10 (10): 2-8. Dec 1972

072281 56.8 J822
Runoff & soil losses on Hagerstown dilty clay loam: effect of herbicide treatment. Hall, J K *J Soil Water Conserv* 28 (2): 73-78. Ref. Mar/Apr 1973

072282 56.8 J822
Water management for shoreline erosion control on Chippewa Flowage. [Wisconsin]. Born, S M *J Soil Water Conserv* 28 (2): 83-86. Map. Mar/Apr 1973

072283 56.8 J822
Erosion-proofing drainage channels. [Soils]. Posey, C J *J Soil Water Conserv* 28 (2): 93-95. Mar/Apr 1973

072284 58.8 L239
More effective land cultivation by larger plots. (Ger) Oehring, J *Landmasch - Markt* 51 (6): 16. Apr 6, 1972

072285 58.8 L237
Results of minimum soil tillage. (Ger) Irla, E *Landmasch -Rundsch* 25 (1/2): 9-10, 12. Jan/Feb 1973

072286 56.9 R44
Basic improvement of eroded soils by reclamative peating. [Latvia]. (Rus) Stalbovs, R *Latv Nauch-issled Inst Zeml Poch Urozhai* 20: 49-60. Ref. Eng. Sum. 1972

072287 S11.O78
Soil management in autumn. (Swe) Hultkvist, L *Medlemsbl Ostergotlands Lans Hushallningssallsk* 5 (3): 4-5, 24. 1972

072288 20 M57
Forecasting development of land reclamation work in member countries of Council for Mutual Economic Assistance. (Rus) Mel'nikov, V *Mezhdunar Sel'skokhoz Zh* 2: 98-103. 1973

072289 18 N39
Modern soil cultivation – but how? (Ger) Estler, M *Mitt Deut Landwirt-ges* 88 (5): 126-128. Feb 1, 1973

072290 56.9 N472
Soil conservation on 'Danrossie' -Wagga District. Plummer, A E *New S Wales Soil Conserv Serv J* 29 (1): 15-21. Jan 1973

072291 56.9 N472
Flood rains & erosion in Bega Valley -1971. Bishop, A V *New S Wales Soil Conserv Serv J* 29 (1): 22-28. Map. Jan 1973

072292 56.9 N472
Soil conservation structures for marginal arable areas; gully control structures & absorption banks. Quilty, J A *New S Wales Soil Conserv Serv J* 29 (1): 3-14. Ref. Jan 1973

072293 64.8 N76
Investigations on possibilities of reducing tillage & on effectiveness of fertilization in long-term experiments. II. (Hun) Sipos, S *Novenytermeles* 22 (1): 45-60. Eng. Sum. Mar 1973

072294 20.5 N86
Slop management for establishing orchards. (Pol) Jozefaciuk, C *Nowe Roln* 22 (3): 22-24. Feb 1/15 1973

072295 513 OB3
Studies on soil erosion control. 4. hydraulic studies of water flow in sloped land. (Jap) Matsuda, Y *Obihiro Zootech Univ Res Bull* (Ser. 1) 7 (4): 688-703. Eng. Sum. Jan 1973

072296 100 OR3OR
Scratching surface; a yes for no-tillage. [Wheat, peas]. *Oreg Agr Progr* 19 (3): 10-11. Winter 1973

072297 57.8 P34
Separate & joint application of erosion-preventive measures on sloping lands in Rostov Region. (Rus) Ivonin, V M *Pochvovedenie* 3: 86-90. Eng. Sum. Mar 1973

072298 S590.P6
Effect of basic tillage & fertilizer on sunflower yields. (Bul) Borisov, G *Pochvozn Agrokhim* 7 (5): 91-100. Ref. Eng. Sum. ref. Eng. Sum.

072299 99.9 R11A
Runoff & water erosion: Experiment with rain simulator. [Soils]. (Fre) Kalman, R *Rabat Sta Rech Forest Ann Rech Forest Maroc Rap Annu* 12 (Special No.): 177-287. Map. Ref. Eng. Sum. 1970 (Pub. June 1972)

072300 24 R323
Erosion problems in state of Mozambique. (Por) Nogueira Paulo, M *Rev Agr (mocambique)* 15 (153): 13-16. Dec 1972

072301 23 SO84
Three successful salt tolerant plants. [Puccinellia capillaris, Agropyron elongatum, Paspalum vaginatum, Soil reclamation]. McPhie, G L *S Aust J Agr* 76 (1): 5-8. Ref. Feb 1973

072302 80 SA15
Use of film mulch in fruiting vineyards. (Rus) Mikhalake, I N *Sadov Vinogradarstvo Vinodelie Moldavii* 1: 16-19. Jan 1973

072303 80 SCH9
Results of soil tillage experiments in viticulture. (Ger) Perret, P *Schweiz Z Obst-Weinbau* 109 (5): 116-128. (Continued) Mar 3, 1973

072304 Q1.S33
Gypsum – it's use in agricultural development. [Reclamation, soils]. Mian, M A *Sci Chronicle* 10 (3): 166-168. Sept 1972

072305 1.6 SO3S
A new plant materials center. [Soil conservation]. Croeni, K *Soil Conserv* 38 (8): 180. Mar 1973

072306 241 IM7SF
Soils of Malaysia; a review of investigations on their fertility & management. Coulter, J K *Soils Fert* 35 (5): 475-498. Ref. Oct 1972

072307 9.2 SO4
Land clearing with chains: Considerations on geometric form assumed for chain when in operation. (Por) Testa, A *Solo* 64 (2): 61-71. Eng. Sum. Nov 1972

072308 S604.A1T4
Routine problems in improving tillage of fall fallow land planted in winter crops in Volga steppe region. (Rus) Shul'meister, K G *Teor Vopr Obrab Pochv* 3: 113-120. 1972

072309 S604.A1T4
Effectiveness of different systems of tillage in crop rotation. (Rus) Chernyshov, V A *Teor Vopr Obrab Pochv* 3: 121-126. 1972

072310 S604.A1T4
On feasibility of replacing mechanical soil tillage with herbicides. (Rus) Kolmakov, P P *Teor Vopr Obrab Pochv* 3: 139-147. 1972

072311 S604.A1T4
Complex action of Nerosine in cotton fields. [Soils, erosion control]. (Rus) Besedin, P N *Teor Vopr Obrab Pochv* 3: 148-154. 1972

072312 S604.A1T4
Biological activity & soil fertility with various tillage methods. (Rus) Kozlova, L D *Teor Vopr Obrab Pochv* 3: 155-161. 1972

072313 S604.A1T4
On zonal system of soil tillage in Crimea. (Rus) Smorodin, G S *Teor Vopr Obrab Pochv* 3: 168-175. 1972

072314 S604.A1T4
Minimum tillage in sunflower culture. (Rus) Semikhnenko, P G *Teor Vopr Obrab Pochv* 3: 17-24. 1972

072315 S604.A1T4
On feasibility of reducing amount of tillage in soils of southern Kuban region. (Rus) Tarasenko, B I *Teor Vopr Obrab Pochv* 3: 176-185. 1972

072316 S604.A1T4
Tillage of corn fields for winter wheat planting in southern Ukraine. (Rus) Kazakov, V E *Teor Vopr Obrab Pochv* 3: 186-195. 1972

072317 S604.A1T4
Reducing amount of interrow soil loosening with a base of herbicides for carrot & beet crops. (Rus) Beshanov, A V *Teor Vopr Obrab Pochv* 3: 229-237. 1972

072318 S604.A1T4
Experimental application of preparations K-4 & K-9 for controlling irrigation-caused soil erosion with overhead irrigation of cotton. (Rus) Paganias, K P *Teor Vopr Obrab Pochv* 3: 238-248. 1972

072319 S604.A1T4
Developing theory of soil tillage in recent years. (Rus) Nartsissov, V P *Teor Vopr Obrab Pochv* 3: 25-38. 1972

072320 S604.A1T4
Spring tillage of wheat in Amur Region. (Rus) Golubev, V V *Teor Vopr Obrab Pochv* 3: 257-260. 1972

072321 S604.A1T4
Chemical reclamation of intro-oasis moving sands. (Rus) Besedin, P N *Teor Vopr Obrab Pochv* 3: 277-289. 1972

072322 S604.A1T4
Deepening plowed layer & biological activity of gray podzolized surface-gleized soils of western forest-steppe region of Ukraine. (Rus) Duka, V I *Teor Vopr Obrab Pochv* 3: 290-296. 1972

072323 S604.A1T4
Constant & variable depth of plowing with a cotton crop. (Rus) Kondratiuk, V P *Teor Vopr Obrab Pochv* 3: 326-331. 1972

072324 S604.A1T4
Achievements of science & practice in field of tillage & weed control in beet-growing zone of USSR. [Sugar beets]. (Rus) Mel'nichuk, A N *Teor Vopr Obrab Pochv* 3: 332-342. 1972

072325 S604.A1T4
On reduction of interrow tillage of potato crops. (Rus) Smorodin, P I *Teor Vopr Obrab Pochv* 3: 343-346. 1972

072326 S604.A1T4
Fall-plowed, pre-plaintig & interrow (rotary) tillage of irrigated soils in Kazakhstan with a sugar beet crop rotation. (Rus) Kostin, N F *Teor Vopr Obrab Pochv* 3: 363-368. 1972

072327 S604.A1T4
Innovations in science of mechanical soil prepara tion. (Rus) Revut, I B *Teor Vopr Obrab Pochv* 3: 5-10. 1972

072328 S604.A1T4
Basic trends & results of research in some problems relating to soil tillage. (Rus) Ivanov, P K *Teor Vopr Obrab Pochv* 3: 63-73. 1972

072329 S604.A1T4
Alternation of plowing depth in Chernozem soils of Stavropol' Region in field crop rotations. (Rus) Goncharov, B P *Teor Vopr Obrab Pochv* 3: 74-97. Ref. 1972

072330 1.962 C5T71
Container loblolly pines promising for erosion control planting. [Pinus taeda]. Dickerson, B P *Tree Planters' Notes* 24 (1): 35-37. Feb 1973

072331 S542.R6U5
Studies concerning time & depth of tilling for rye & corn on sands of Timburesti. (Rum) Matei, I *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 193-200. Ref. 1971 (Pub. 1972)

072332 20 AK16
Erosion processes on southern slope of Karzhantau. (Rus) Mirzakeev, E K *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 112-113. Feb 1973

072333 20 AK16
The effect of tillage and planting of crops on amount of nitrates and phosphates in soils of the Solonets complex. (Rus) Polovitskii, I I *Vestn Sel'skokhoz Nauk (Alma-ata)* 2: 21-23. Feb 1973

072334 20 M66
Atmospheric precipitation & its effect on gulley formation in Novogrudskii Highlands. (Bel) Miadzvedzeu, A R *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 1: 12-17. 1973

072335 292.8 W295
Seepage steps in New Forest, Hampshire, England. [Soil erosion]. Tuckfield, C G *Water Resources Res* 9 (2): 367-377.Map. Apr 1973

072336 281.8 W892
Soil conservation. 2. Land-capability classification, basis for conservation. Maher, C *World Crops* 24 (3): 160-162. May/June 1972

072337 20 Z44
Agrotechnical complex on peat soils. (Rus) Gordiichuk, A *Zemledelie* 2: 44-46. Jan 1973

072338 20 Z44
Recultivation of exhausted peat bogs. (Rus) Marenkin, F *Zemledelie* 2: 47. Jan 1973

072339 20.5 Z5
Concept of 'chemotechnology' & of minimumtillage system. [Fertilizers, application equipment]. (Ger) Egerszegi, S *Zeszyty Probl Postepow Nauk Roln* 137: 301-308. Ref. 1972

072340 20.5 Z5
Effect of reduced soil tillage in a three year period of crop rotation on crop yields & some properties of light soil. (Pol) Jablonski, B *Zeszyty Probl Postepow Nauk Roln* 137: 373-382. 1972

072341 20.5 Z5
Effect of deep tillage on properties of sandy soils based on fertility dynamics. (Pol) Sienkiewicz, J *Zeszyty Probl Postepow Nauk Roln* 137: 412-421. 1972

072342 20.5 Z5
Water erosion of soil in Zolkiewka River Basin. (Pol) Obraczka, R *Zeszyty Probl Postepow Nauk Roln* 138: 105-124. 1972

072343 20.5 Z5
Economics of possible soil erosion control in Zolkiewka River Basin. (Pol) Obraczka, R *Zeszyty Probl Postepow Nauk Roln* 138: 125-143. Ref. 1972

072344 20.5 Z5
Evaluation of intensive water erosion with help of quantitative indicators of some soil properties. (Rus) Luca, A *Zeszyty Probl Postepow Nauk Roln* 138: 19-28. 1972

072345 20.5 Z5
Results of new scientific investigation on soil erosion in Hungary. (Ger) Stefanowits, P. *Zeszyty Probl Postepow Nauk Roln* 138: 53-57. 1972

072346 20.5 Z5
Mechanization of farming in association with possible soil erosion control in broken land area. (Pol) Kossowski, E *Zeszyty Probl Postepow Nauk Roln* 138: 59-72. Ref. 1972

072347 20.5 Z5
Regularity of soil erosion & related processes under conditions of erosion control measures. (Rus) Kholupiak, K L *Zeszyty Probl Postepow Nauk Roln* 138: 7-18. 1972

072348 20.5 Z5
Soil erosion in piedmont & mountain regions of Poland. (Pol) Prochal, P *Zeszyty Probl Postepow Nauk Roln* 138: 73-84. Ref. 1972

WATER RESOURCES AND MANAGEMENT

072349 S19.A32
Reducing evapo-transpiration under dry land farming. Singh, O S *Agric Agro-ind J* 6 (2): 5-7. Ref. Feb 1973

072350 275.8 AG8
Cooperative vocational education in conservation. [Water]. Law, D A *Agric Educ* 45 (11): 256. May 1973

072351 442.8 AL6
Experimental drainage sector on Pervomaiskii State Farm, Gur'ev Region. (Rus) Mukhamedgaliev, K M *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 2: 1-7. Mar-/Apr 1973

072352 80 C733
Drip irrigation: one way to go! [Vegetables]. Rogers, H T *Amer Veg Grower* 21 (4): 11-12, 66. Apr 1973

072353 80 C733
Your irrigation system can wear two hats!. Carolus, R L *Amer Veg Grower* 21 (4): 16-17. Apr 1973

072354 292.9 AM32J
Office of Saline Water. O'Meara, J W *Amer Water Works Ass J* 64 (10, Pt. 1): 630-633. Oct 1972

072355 506 SP12
Undergrounds waters of islandof La Palma. II. Comparative study & classifications. (Spa) Fernandez Caldas, E *An Edafol Agrobiol* 31 (11/12): 955-976. Map. Eng Sum. Nov/Dec 1972

072356 55.8 B46
National water & power grids. [India]. Rao, K L *Bhagirath* 20 (1): 1-6. Map. Jan 1973

072357 100 C12S (2)
Irrigation on steep land. Brown, L N *Calif Agr Exp Sta Circ* 561, 19 P. Sept 1972

072358 100 C12S (2)
Irrigation on steep land. Brown, L N *Calif Agr Exp Sta Circ* 561, 19 P. Sept 1972

072359 290.9 C123
Water conditions in California, Report No. 1. *Calif Dep Water Resources Div Resources Planning Bull* 120-73, 15 P. Map. Feb 1, 1973

072360 80 C495
Drip irrigation: how to fight salinity. [California]. Gustafson, D *Citrus Grow Sub-trop Fruit J* 471: 9. Mar 1973

072361 80 C49
Drip irrigation – practices & application. [Citrus]. Aljibury, F *Citrus Indus* 54 (5): 10-12. May 1973

072362 80 C49
One man's experience with drip irrigation. Blackwell, B *Citrus Indus* 54 (5): 8, 12-13. May 1973

072363 100 C71C
Preseason irrigation for grain sorghum. Langin, E J *Colo Agr Exp Sta Progr Rep Pr* 73-16, 2 P. Apr 1973

072364 100 C71C
Irrigation scheduling for corn in southeastern Colorado. Langin, E J *Colo Agr Exp Sta Progr Rep Pr* 73-24, 2 P. Apr 1973

072365 100 C71C
Preseason irrigation for corn. Langin, E J *Colo Agr Exp Sta Progr Rep Pr* 73-25, 2 P. Apr 1973

072366 S41.E6
Water storage failure. Fox, G T J *CSU Res (colo State Univ)* 9: 21-22. Sept 1972

072367 1 EX892EX
Irrigation offers hopes for higher income. [Alfalfa]. Feight, J J *Ext Serv Rev* 44 (3): 10-11. Mar 1973

072368 14 F844B
Drainage & profit. (Fre) Guyon, G *France Min Agr Bull Tech Inform* 2 (Special No. 273/274): 1113-1115. Sept/Oct 1972

072369 14 F844B
Utilization of saline waters for irrigation. (Fre) Durand, J H *France Min Agr Bull Tech Inform* 276: 39-58. Ref. Jan 1973

072370 14 F844B
Irrigation & drainage in Camargue & protection of natural balances. (Fre) Jean, M *France Min Agr Bull Tech Inform* 276: 59-69. Jan 1973

072371 GB401.G4
Influence of morphostructures on formation of ground water in central Kazakhstan. (Rus) Ostrovskii, V N *Geomorfologiia* 1: 74-80. Ref. Eng. Sum. Jan/Mar 1973

072372 290.8 G362
Use of waste waters for irrigation in Donbas area. (Rus) Repetun, S I *Gidrotekh Melior* 8: 105-109. Aug 1972

072373 290.8 G362
Operation of irrigation systems in Poland. (Rus) Lapidovskii, K M *Gidrotekh Melior* 8: 112-114. Aug 1972

072374 290.8 G362
Operation of meliorative systems on industrial base. [Drainage, irrigation]. (Rus) Mamarasulov, S M *Gidrotekh Melior* 8: 2-19. Aug 1972

072375 290.8 G362
Work experience of specialized enterprises on repair & automation of meliorative networks. [Drainage, irrigation]. (Rus) Cherepakhin, N S *Gidrotekh Melior* 8: 20-25. Aug 1972

072376 290.8 G362
Land improvement in Turkmenia. [Drainage, irrigation]. (Rus) Niiazov, A N *Gidrotekh Melior* 8: 29-32. Aug 1972

072377 290.8 G362
Operation of meliorative systems in Crimean Region. [Irrigation, drainage]. (Rus) Shavin, A F *Gidrotekh Melior* 8: 38-41. Aug 1972

072378 290.8 G362
Organization of research on water & salt balance of improved soils. [Drainage, irrigation]. (Rus) Kats, D M *Gidrotekh Melior* 8: 42-46. Aug 1972

072379 290.8 G362
Hydrogeological & soil improvement service in Ukraine. (Rus) Terebeiko, L N *Gidrotekh Melior* 8: 46-49. Aug 1972

072380 290.8 G362
Land improvement & operation of drainage systems in Belorussia. (Rus) Beliaev, A N *Gidrotekh Melior* 8: 50-57. Aug 1972

072381 290.8 G362
Mechanization of repair & cleaning of drainage network. (Rus) Kovalenko, G M *Gidrotekh Melior* 8: 57-63. Aug 1972

072382 290.8 G362
Peculiarities of hydrological regime of watersheds of drainage systems. (Rus) Shebeko, V F *Gidrotekh Melior* 8: 69-73. Aug 1972

072383 290.8 G362
A set of machines for lingin of irrigation canals. (Rus) Tomin, E D *Gidrotekh Melior* 8: 92-96. Aug 1972

072384 290.8 G362
Irrigated pastures – a powerful reserve of fodder production. (Rus) Usmanov, G I *Gidrotekh Melior* 9: 2-10. Sept 1972

072385 290.8 G362
Development of cultivated irrigated pastures in Russian SFSR. (Rus) Kadzaev, M B *Gidrotekh Melior* 9: 20-25. Sept 1972

072386 290.8 G362
Effectiveness of irrigation of pastures on flood lands of Riazan Region. (Rus) Ulantikova, G V *Gidrotekh Melior* 9: 26-28. Sept 1972

072387 290.8 G362
Organization of irrigation & grazing of cattle on cultured pastures. (Rus) Goncharenko, P A *Gidrotekh Melior* 9: 29-32. Sept 1972

072388 290.8 G362
Development of cultured pastures on flood-lands in Ukraine. [Drainage]. (Rus) Slepets, G P *Gidrotekh Melior* 9: 33-36. Sept 1972

072389 290.8 G362
Irrigated cultivated pastures to every farm. (Rus) Danilova, G V *Gidrotekh Melior* 9: 39-42. Sept 1972

072390 290.8 G362
Use of ground waters for irrigation of culivated pastures. (Rus) Kostornoi, A S *Gidrotekh Melior* 9: 86-87. Sept 1972

072391 290.8 G362
Irrigation by sewage. (Rus) Tikhonov, E I *Gidrotekh Melior* 9: 92-94. Sept 1972

072392 290.8 G362
Use of sewage for irrigation. (Rus) Gorkopenko, F G *Gidrotekh Melior* 9: 94-96. Sept 1972

072393 S19.G74
Development of water resources: a guarantee for plenty. [India]. Khosla, A N *Green Revolution* P. 81-86, 88. 1972

072394 449.8 H342
There are 400,000,000 reasons why we must look after our water resources. [New Zealand]. Thorstensen, A L *Health (Wellington)* 24 (4): 8-9. Summer 1972

072395 GB821.A9
Hydrology of smooth plainlands of arid Australia. *Hydrol Ser Aust Water Resour Counc* 6, 24 P. Map. Ref. 1972

072396 340.8 ID5
Estimation of amount of precipitation formed near to soil surface. (Hun) Szasz, G *Idojaras* 76 (4): 208-222. Ref. Eng. Sum. July/Aug 1972

072397 340.8 ID5
Water requirements & irrigation requirement of potatoes. (Hun) Emanuel, A *Idojaras* 76 (4): 223-233. Ref. Eng. Sum. July/Aug 1972

072398 340.8 ID5
Meteorological bases of irrigation of maize. (Hun) Emanuel, A *Idojaras* 76 (5/6): 302-313. Map. Eng. Sum. Sept/-Dec 1972

072399 SB112.V6
Forecasting regional hydrogeological conditions in Volga area in relation to irrigation development. (Rus) Reshetkina, N M *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 231-235. 1972

072400 SB112.V6
Irrigation norms for grain crops in Volga region. (Rus) Grammatikati, O G *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 188-192. Maps. 1972

072401 SB112.V6
Basic trends in effective development of irrigated lands of Volga region. (Rus) Kozin, M A *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 157-159. 1972

072402 SB112.V6
Some results of scientific research in Volga region & means of further development. [Irrigation]. (Rus) Bonchkovskii, F N *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 217-221. 1972

072403 SB112.V6
Reclamation of Solonets & saline lands in Volga region. [Irrigation]. (Rus) Kovda, V A *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 213-217. 1972

072404 SB112.V6
Current state & outlook for reclamation construction in Volga region. [Irrigation]. (Rus) Shubladze, K K *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 34-39. 1972

072405 SB112.V6
Sprinkler irrigation & water consumption of grain & forage crops in Volga region. (Rus) Kostin, I S *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 182-188. 1972

072406 SB112.V6
On irrigating rice in lower Volga region. (Rus) Laptev, V N *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 193-199. 1972

072407 SB112.V6
Irrigating wheat in Volga region. (Rus) Bozhko, I A *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 169-177. 1972

072408 SB112.V6
On patterns of ground water system in irrigated regions. (Rus) Kats, D M *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 227-230. 1972

072409 SB112.V6
Physiological basis for obtaining high yields of farm crops under irrigation in Volga region. (Rus) Petinov, N S *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 51-65. 1972

072410 SB112.V6
Efficient solutions to problems of irrigating Volga region. (Rus) Askochenskii, A N *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 42-47. 1972

072411 SB112.V6
Systems of irrigation for spring & winter wheat in lower Volga region. (Rus) Bagrov, M N *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 177-182. 1972

072412 SB112.V6
On planning modern systems of irrigation by surface flooding in Volga region. (Rus) Shumakov, B B *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 243-246. 1972

072413 SB112.V6
Problems of lower Volga & Volga reservoirs. [Runoff]. (Rus) Aleksandrov, B K *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 39-41. 1972

072414 22 IN283
Impact of water management & salinity research on agriculture. Yadav, J S P *Indian Farming* 22 (6): 52-58. Sept 1972

072415 22 AG83I
Geophysical exploration of ground water in soft formations & its utilization in minor irrigation. Patra, H P *Indian J Agr Sci* 42 (10): 883-886. Oct 1972

072416 22 IN235
Irrigation requirement of raya (Brassica juncea) crop in Western Rajasthan. Mathur, O P *Indian J Agron* 17 (4): 306-308. Dec 1972

072417 55.9 IN8A
Multiset surface irrigation system. Rasmussen, W W *Int Comm Irrig Drainage Annu Bull* P. 48-59. Jan 1973

072418 55.9 IN8A
Wheat irrigation in Israel. *Int Comm Irrig Drainage Annu Bull* P. 53-61. Jan 1973

072419 SB112.A1I77
A national water conservation policy for Australia. Jackson, E M *Irrig Farmer* 8 (2): 17, 19. Oct/Nov 1972

072420 SB112.A1I77
What is future of large new irrigation schemes? Herbert, J D *Irrig Farmer* 8 (2): 25, 27. Oct/Nov 1972

072421 292.9 IS7H
Suspended sediment discharge in western watersheds of Israel. Negev, M *Israel Hydrol Serv Hydrol Pap* 14, 73 P. Map. 1972

072422 58.8 J82
Automated flow-recording system for field drainage monitoring – direct data compilation of surface & subsurface drain flow. Bornstein, J *J Agr Eng Res* 18 (1): 31-35. Mar 1973

072423 S19.J62
Effect of irrigation interval & earthing up on potato production. Jagirdar, S A P *J Agric Res* 10(1): 38-45. Ref. Mar 1972

072424 QC851.J6
Test of runoff increase due to precipitation management for Colorado River Basin pilot project. Morel-Seytoux, H J *J Appl Meteorol* 12 (2): 322-337. Map. Ref. Mar 1973

072425 QH540.J6
Effects of sediment on water quality. Stall, J B *J Environ Qual* 1 (4): 353-360. Ref. Oct/Dec 1972

072426 292.8 J82
Chemistry of ground water in a district in southern India. Jacks, G *J Hydrol (amsterdam)* 18 (3/4): 185-200. Ref. Mar 1973

072427 292.8 J82
Errors & fluctuations of raingauge estimates of areal rainfall. Zawadski, I I *J Hydrol (amsterdam)* 18 (3/4): 243-255. Mar 1973

072428 292.8 J82
A particular comparison of annual maxima & partial duration series methods of flood frequency prediction. Cunnane, C *J Hydrol (amsterdam)* 18 (3/4): 257-271. Mar 1973

072429 292.8 J82
Modified Penman method for potential evapotranspiration from forest regions. Shiau, S Y *J Hydrol (amsterdam)* 18 (3/4): 349-365. Mar 1973

072430 56.8 J822
Economic aspects of sloping land drainage. Bornstein, J *J Soil Water Conserv* 28 (2): 76-79. Mar/Apr 1973

072431 56.8 J822
A nomograph for estimating evapotranspiration. Follett, R F *J Soil Water Conserv* 28 (2): 90-92. Mar/Apr 1973

072432 100 K41PR
Precipitation probabilities for Kentucky. Elam, A B *Ky Agr Exp Sta Progr Rep* 202, 55 P., Map. Dec 1972

072433 99.8 L5622
On draining forest swamps of Lake Baikal region. (Rus) Sabo, E D *Les Khoz* 1: 80-87. Jan 1973

072434 331.9 M85
Hydrochemical features of terrain of Ishim forest-steppe region. (Rus) Kalinina, V R *Moscow Univ Vestn Ser 5 Geogr* 1: 114-115. Eng. Sum. Jan/Feb 1973

072435 TD201.N6
Regional water resource planning for urban needs. L. Moreau, D H *N C Univ Water Resour Res Inst Rep* 77, 159 P. Map. Ref. Mar 1973

072436 TD201.N6
Water quality changes in an impoundment as a consequence of artificial destratification. Weiss, C M *N C Univ Water Resour Res Inst Rep* 80, 216 P. Ref. Jan 1973

072437 292.9 N212
Multiple authorization of water development operations – reaction. Murdock, K *Nat Watershed Congr (Proc)* 19Th: 78-86. 1972

072438 290.8 N68
Some investigations on irrigation problems in farming following expansion of urbanization. (Jap) Sasaki, M *Nogyodoboku-kenkyu* 41 (3): 24-31. Mar 1973

072439 20.5 N86
Water regime regulation as a factor of intensification of agricultural production. (Pol) Gajos, T *Nowe Roln* 22 (5): 7-8. Mar 1/15, 1973

072440 55.8 OE8
Institut of Water Management at State College of Soil Science in Vienna. (Ger) Kar, J *Oesterr Wasserwirtsch* 24 (9010): 166-169. Sept/Oct 1972

072441 55.8 OE8
Forecasts & planning water economy. (Ger) Lecher, K *Oesterr Wasserwirtsch* 24 (9010): 173-179. Ref. Sept/Oct 1972

072442 GB651.O3
A chain of programs for treatment of data on salinity. [Water supply, Tunisia]. (Fre) Claude, J *Off Rech Sci Tech Outre-Mer, Paris. Cah ORstom Ser Hydrol* 9 (2): 3-31. Eng. Sum. 1972

072443 GB651.O3
Methodological problems relative to knowledge of floods. (Fre) Roche, M *Off Rech Sci Tech Outre-Mer, Paris. Cah ORstom Ser Hydrol* 9 (2): 53-63. Eng. Sum. 1972

072444 GB651.O3
Direct measure of inferoflux: Application to Tsanaga mayo. [Watersheds]. (Fre) Lefevre, R *Off Rech Sci Tech Outre-Mer, Paris. Cah ORstom Ser Hydrol* 9 (3): 65-76. Eng. Sum. 1972

072445 20.5 OL8
Studies on effect of sprinkler irrigation on yields of early cabbage & tomatoes grown on a slope. (Pol) Krynska, W *Olsztyn Wyzsza Szkola Roln Zeszyty Nauk* Suppl. 12, 50 P. Ref. Eng. Sum. 1972

072446 8 P832J
Two rainfall-characteristic indices proposed as suitable for agricultural planning in Puerto Rico. [Water resources]. Capiel, M *P R Univ J Agr* 57 (1): 24-41. Jan 1973

072447 99.76 P112LA
Alsea watershed study. Brown, G W *Pacific Logging Congr Loggers Handbook* 32: 13-15, 127, 129-130. Map. Ref. 1972

072448 23 AU75
Drought in East Gippsland. Elliott, N M *Pastoral Rev* 83 (2): 53, 55. Feb 1973

072449 F1219.1.T224T4
Irrigation & socio-political organization of Cuicatec Cacicazgos. Hunt, E *Prehist Tehuacan Val* 4: 162-259. 1972

072450 F1219.1.T224T4
Hydraulic approach to Pre-Spanish Mesoamerica. Wittfogel, K A *Prehist Tehuacan Val* 4: 59-80. 1972

072451 F1219.1.T224T4
Water control systems of Tehuacan Valley. Woodbury, R B *Prehist Tehuacan Val* 4: 81-153. 1972

072452 99.9 R11A
Solid transport & sedimentation. [Watersheds]. (Fre) Duhamel, P L *Rabat Sta Rech Forest Ann Rech Forest Maroc Rap Annu* 12 (Special No.): 289-390. Map. Ref. Eng. Sum. 1970 (Pub. June 1972)

072453 64.9 C33
Causes of increase of nitrate content in river Zelivka. (Cze) Seifert, J *Rostlinna Vyroba* 18 (12): 149-1259. Ref. Eng. Sum. Dec 1972

072454 10 SCO82SO
Calf housing. Calderwood, R T *Scot Agr* 51 (5): 497-505. Winter 1972/73

072455 S13.S55
Effect of irrigation on crop formation of round sugar beets for feed in Kulunda Steppe region. (Rus) Snytko, A I *Sib Vestn S-kh Nauk* 6: 31-35. Nov/Dec 1972

072456 HD1761.A1M5
High returns from field channels in irrigated Indian villages. Batra, B B *Staff Pap Ser Dep Agric Appl Econ Univ Minn Inst Agric* P72-24, 29 P. Maps. Sept 1972

072457 65.9 F76R
Studies on sugarcane irrigation. VI. Effect of different levels of irrigation on growth & yield of sugarcane under various ground water tables. (Chi) Chen, C *Taiwan Sugar Exp Sta Rep* 57: 29-42. Sept 1972

072458 65.9 F76R
Studies on sugarcane irrigation. VIII. efficiency of irrigation in substitution for hilling-up. (Chi) Chang, Y T *Taiwan Sugar Exp Sta Rep* 57: 43-55. Sept 1972

072459 107.6 T134
Data on properties of deposited snow observed in Takada. [Water resources]. (Jap) *Takada Hokuriku Agr Exp Sta Bull* 14: 125-154. Mar 1972

072460 107.6 T134
Studies on promotion of melting snow. [Water management]. (Jap) Onuma, T *Takada Hokuriku Agr Exp Sta Bull* 15: 135-198. Ref. Eng. Sum. Mar 1973

072461 107.6 T134
Effects of underdrainage on growth & yield of rice plant in ill-drained paddy field. (Jap) Kurashima, K *Takada Hokuriku Agr Exp Sta Bull* 15: 27-75. Ref. Eng. Sum. Mar 1973

072462 S604.A1T4
Irrigation & fertilizers as factors for regulating soil conditions of plant life. (Rus) Revut, V I *Teor Vopr Obrab Pochv* 3: 208-220. Ref. 1972

072463 S604.A1T4
On irrigating sugar beets grown in Sierozem meadow soils in Kirghiz SSR. (Rus) Popov, V V *Teor Vopr Obrab Pochv* 3: 221-228. Ref. 1972

072464 S604.A1T4
Experimental application of preparations K-4 & K-9 for controlling irrigation-caused soil erosion with overhead irrigation of cotton. (Rus) Paganias, K P *Teor Vopr Obrab Pochv* 3: 238-248. 1972

072465 S604.A1T4
Effect of overhead irrigation on heat & water-air conditions of loamy, bog-podzolic soils of northeastern Belorussia & on potato yields. (Rus) Avdeenko, A P *Teor Vopr Obrab Pochv* 3: 261-276. 1972

072466 A99.9 F7632U
Computer simulation of snowmelt within a Colorado subalpine watershed. Leaf, C F *U S Forest Serv Res Pap Rm* 99, 22 P. Map. Ref. Feb 1973

072467 407 G29W
Runoff characteristics of California streams. Rantz, S E *U S Geol Surv Water-supply Paper* 2009-a, 38 P. 1972

072468 157.8 R29
Sedimentation & contaminant criteria for watershed planning & management; completion report. Shen, H W *U S Office Tech Serv (Rep)* 31, 175 P. Ref. June 1972

072469 S542.R6U5
Research on irrigation, expulsion & ground water in rice field of Timburesti-Dolj. (Rum) Popescu, I C *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 201-208. Ref. Eng. Sum. 1971 (Pub. 1972)

072470 S542.R6U5
Studies concerning irrigation regime for potatoes cultivated on Jiu alluvium of central part of Oltenia. (Rum) Negrea, I *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 215-223. Ref. 1971 (Pub. 1972)

072471 20 V82
Organizing hydrological records for rice irrigation systems. (Ukr) Kiienchuk, O F *Visnyk Sil's'kohospodar Nauk* 1: 81-84. Jan 1973

072472 20 V82
Effect of irrigating with waste water on yield & quality of winter wheat grain. (Ukr) Slukhai, S I *Visnyk Sil's'kohospodar Nauk* 3: 42-46. 1973

072473 286.8 F762
Cooperation of USSR & developing countries in field of irrigation. [afghanistan]. (Rus) Medvedev, V *Vneshn Torg* 53 (2): 9-14. 1973

072474 20 AK1
Hydrological system of sands of lower Dnieper River in relation to their reforestation. (Rus) Vinogradov, V N *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 2: 37-40. Feb 1973

072475 292.9 AM34
Factors affecting floods from watersheds in humid regions of northeastern Ohio. Bar-Kochba, Y *Water Resour Bull* 8 (6): 1235-1245. Maps. Ref. Dec 1972

072476 18 J825
A comparative study on interactive effect of qualities of irrigation water & fertilizer levels on yield of wheat grown on different soils. Lal, P *Z Acker& Pflanz* 136 (4): 302-308. Ref. Dec 1972

072477 281.8 Z32
Irrigation & incipient commercialization in western Laos. [Rice production]. Coward, E W *Z Auslandische Landwirt* 11 (3/4): 289-300. Ref. July/Dec 1972

072478 20 Z44
Reliable procedures for control of drought. (Rus) Sidorov, M *Zemledelie* 2: 55-58. Jan 1973

072479 20.5 Z5
Characteristics of Zolkiewka River Basin. (Pol) Obraczka, R *Zeszyty Probl Postepow Nauk Roln* 138: 85-103. Map. 1972

GENERAL NATURAL RESOURCES AND ENVIRONMENTAL POLLUTION

072480 500 P53
Pollution related structural & functional changes in aquatic communities with emphasis on freshwater algae & Protozoa. Lanza, G R *Acad Natur Sci Phila Proc* 124: 79-127. Ref. Nov 24, 1972

072481 381 AD93
Photochemical smog & ozone reactions. [Pollution]. *Adv Chem Ser* 113, 285 P. Ref. 1972

072482 1 EC7AG
Waste controls: where they hurt. [Swine farms, costs]. *Agr Situation (Washington)* 57 (4): 4. May 1973

072483 385 AG83
Strontium 90 contamination of some soils in Hungary. (Hun) Torok, I *Agrokem Talajtan* 21 (3/4): 315-320. Eng. Sum. 1972

072484 385 AG83
Study of stroniium 89 adsorption in different soils. (Hun) Torok, I *Agrokem Talajtan* 21 (3/4): 355-362. Eng. Sum. 1972

072485 442.8 AL6
Bacterial reduction of sulfates in soils of Mangyshlak Peninsula. [Environmental pollution]. (Rus) Mendeshev, A *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 2: 33-38. Mar/Apr 1973

072486 449.9 AM3J
Survival of Salmonella typhimurium in animal manure disposal in a model oxidation ditch. Will, L A *Amer J Public Health* 63 (4): 322-326. Ref. Apr 1973

072487 449.9 AM3J
Shortcomings & remedies for water quality improvement programs of United States: A brief summary. [Water pollution policies]. Hunter, J S *Amer J Public Health* 63 (4): 345-351. Ref. Apr 1973

072488 470 SI2
Remote sensing as an aid to management of earth resources. Colwell, R N *Amer Sci* 61 (2): 175-183. Map. Mar/Apr 1973

072489 96.1 AM5
Destruction of natural sites. (Fre) Lebreton, P *Amis Roses* Special No. 312 (4): 30-33. Fourth Quarter 19972

072490 49 C43
Systematization of large-scale swine raising & process of waste disposal. 2. (Jap) Takeda, N *Anim Husb (tokyo)* 27 (2): 38-42. Ref. Feb 1973

072491 49 C43
Damages of noise pollution to poultry farm & its control.2. (Jap) Okamoto, S *Anim Husb (tokyo)* 27 (4): 13-18. Apr 1973

072492 49 C43
Swine excreta disposal & waste water purification. (Jap) Sakai, E *Anim Husb (tokyo)* 27 (4): 45-50. Apr 1973

072493 49 C43
Introduction to control measures for livestock waste pollution. 1. (Jap) Honda, A *Anim Husb (tokyo)* 27 (4): 87-90. Apr 1973

072494 279.8 AR2
On structural aesthetic-valuation of landscapes. (Ger) Eringis, K *Arch Naturschutz Landschaftsforsch* 12 (4): 315-324. 1972

072495 SF221.S83
Research findings on purification of milk effluents. (3rd yearly survey). (Dan) Serner, H *Bil Arsberet Statens Forsogsmejeri* 32 (Suppl.): 54-62. 1973

072496 SF221.S83
Yearly survey of milk effluents. (Dan) Werner, H *Bil Arsberet Statens Forsogsmejeri* 32 (Suppl.): 62-69. 1973

072497 SF221.S83
Examination of correlation between different methods of analysis & degree of pollution from milk effluents. (Dan) Werner, H *Bil Arsberet Statens Forsogsmejeri* 32 (Suppl.): 70-76. 1973

072498 41.9 B61
Contribution of beterinary medicine to environment. (Ger) Gemmer, H *Blauen H Tierarzt* 50: 529-542. Ref. Mar 1973

072499 47.8 N45
Dry offal system reduces water USAge 500 gpm. [Poultry, waste treatment]. Wesley, R L *Broiler Indus* 36 (5): 45-47. May 1973

072500 321.8 C162
Mercury pollution in Canada. Armstrong, F A J *Can Home Econ J* 23 (2): 23-26. Apr 1973

072501 TP368.C3
Quality of recycled water; Fate of infectious agents. Sproul, O J *Can Inst Food Technol J* 6 (2): 91-95. Ref. Apr 1973

072502 382 M31C
Technical control of trade wastes disposal at sea. Jenkins, S H *Chem Indus (london)* 4: 169-172. Feb 17, 1973

072503 279.8 C46
Legally protected areas of cracow province are endangered: present state of affairs. (Pol) Brykowicz, K *Chronmy Przyrode Ojczysta* 27 (4): 15-31. Map. Eng. Sum. July/Aug 1971

072504 279.8 C46
Locality of a spectacular specimen of viy, Hedera helix L., at Bystra in Silesia. (Pol) Filkowa, B *Chronmy Przyrode Ojczysta* 27 (4): 50-52. July/Aug 1971

072505 80 C83
Age of effluents; a serious problem for farmers. Sexton, H G C *Country Life (london)* 152 (3932): 1167-1168. Nov 2, 1972

072506 S41.E6
Environmental lead. *CSU Res (colo State Univ)* 21 (1): 4, 5. Oct/Dec 1972

072507 S41.E6
Inactivation of viruses in water with ozone. Evison, L *CSU Res (colo State Univ)* 9: 14-17. Sept 1972

072508 SF191.D3
This waste treatment system cost $125. [Calf manure treatment]. Tietz, N *Dairy Herd Manage* 10 (4): 11-12. Apr 1973

072509 SF191.D3
Management of milking center wastes. Light, R *Dairy Herd Manage* 10 (4): 34-36, 38, 41. Apr 1973

072510 389.8 D482
Problems of residue analysis of biocides from point of environment protection. (Ger) Ebing, W *Deut Lebensmittelrundsch* 69 (1): 39-45. Ref. Eng. Sum. Jan 1973

072511 389.8 D482
Heavy metals in food plants & forage plants. (Ger) Kloke, A *Deut Lebensmittel-rundsch* 69 (1): 45-49. Ref. Jan 1973

072512 410 EC7
Commentary: on limitations of National Environmental Policy Act. Stone, J H *Ecology* 54 (2): 231-232. Early Spring 1973

072513 280.8 EC792
Pollution in a neo-classical world: classics rehabilitated? Kuipers, S K *Economist (Haarlem)* 121 (1): 52-67. Ref. 1973

072514 TD201.E3
Principles of water quality management. 5. Sewerage & sewage disposal: administrative & technical principles. Fish, H *Effluent Water Treat J* 13 (3): 147-149, 151-158. Mar 1973

072515 TD201.E3
Anaerobic digestion of dairy farm slurry. Bell, C *Effluent Water Treat J* 13 (4): 232-233. Apr 1973

072516 49 B462
A problem always unsolved: In U.S.A. 400 million tons of swine semi-liquid manure. (Fre) Wilmore, R M *Elevage* 16: 101, 103, 105, 107. Mar 1973

072517 TD172.E48
Toying with environment & poor: a report on Stockholm environmental conferences. Faramelli, N J *Environ Aff* 2 (3): 469-486. Ref. Winter 1972

072518 TD172.E48
Sweden's national physical planning for resources management. Lundqvist, L J *Environ Aff* 2 (3): 487-504. Ref. Winter 1972

072519 TD172.E48
Ecosystem policy & problem of power. Samuels, W J *Environ Aff* 2 (3): 581-596. Winter 1972

072520 TD172.E48
Concepts & principles for environmental economics. Sullivan, J J *Environ Aff* 2 (3): 597-613. Ref. Winter 1972

072521 TD172.E48
Environmental policy as economic policy. Goddard, H C *Environ Aff* 2 (3): 630-637. Winter 1972

072522 TD172.E54
Tomorrow will be too late. [Pollution]. (Fre) Victor, P E *Environ This Mon* 1 (2): 6-11. Aug 1972

072523 241.4 F22
Farm waste treatment. Harrison, P *Farm Bldg Dig* 7 (4): 8-10. Winter 1972/73

072524 389.8 F737
Cuts waste disposal costs. [Food processing, potatoes]. Talley, W J *Food Eng* 45 (4): 72-75. Apr 1973

072525 99.8 F7698
'Trouble portfolio' to secretary of Interior Walter L fisher. 1911 – 1913: Constructive conservation. Gould, A B *Forest Hist* 16 (4): 4-12 ref. Jan 1973

072526 99.8 F7723
On establishment of protective forests for air pollution control & noise abatement. (Ger) Knabe, W *Forstarchiv* 44 (2): 21-27. Map. Ref. Eng. Sum. Feb 1973

072527 99.8 F7723
Landscaping for recreational use. (Ger) Ammer, U *Forstarchiv* 44 (2): 27-30. Ref. Eng. Sum. Feb 1973

072528 413.8 G31
Influence of water-pollution & public works on bird populations. (Fle) Rooth, J *Gerfaut* 62 (1/2): 104-115. Eng. Sum. 1972

072529 413.8 G31
Wild birds & chemicals. [Pollution]. Prestt, I *Gerfaut* 62 (1/2): 127-138. Ref. 1972

072530 413.8 G31
Impact of modern agriculture & forestry on bird numbers. (Fle) Morzer Bruyns, M F *Gerfaut* 62 (1/2): 83-94. Eng. Sum. 1972

072531 105.1 G344
Plant protection-environmental protection. (Ger) Berge, H *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 889-890. 1972

072532 TD403.G7
Where have all toxic chemicals gone? [Water pollution, waste disposal]. Walker, W H *Ground Water* 11 (2): 11-20. Mar/Apr 1973

072533 TD403.G7
Salt water intrusion in Summerside area, P.E.I. [Prince Edward Island, water contamination]. Tremblay, J J *Ground Water* 11 (2): 21-27. Mar/Apr 1973

072534 TD403.G7
Bacterial movement through fractured bedrock. [Water contamination]. Allen, M J *Ground Water* 11 (2): 6-10. Mar/Apr 1973

072535 443.8 H42
Atmospheric pollution & industrial melanism. [Phigalia pedaria, Adalia bipunctata, Biston betularia, Adalia decempunctata]. Lees, D R *Heredity* 30 (2): 227-232. Ref. Apr 1973

072536 340.8 ID5
Atmospheric pollutants from natural & man made sources. (Hun) Varhelyi, G *Idojaras* 76 (5/6): 341-350. Eng. Sum. Sept/Dec 1972

072537 S942.G5
Preserving wilderness through state legislation. Cutler, M R *In Gillette, Elizabeth R. Action for Wilderness* 7: 104-112. 1972

072538 S942.G5
Preserving wilderness through state legislation as a legislator sees it. Hatch, F W *In Gillette, Elizabeth R. Action for Wilderness* 7: 113-122. 1972

072539 S942.G5
Wilderness & natural areas in Southeast. Argow, K A *In Gillette, Elizabeth R. Action for Wilderness* 7: 123-132. 1972

072540 S942.G5
Status of wild & scenic rivers system. Tileston, J V *In Gillette, Elizabeth R. Action for Wilderness* 7: 134-145. 1972

072541 S942.G5
What Wilderness Act means. McCloskey, M *In Gillette, Elizabeth R. Action for Wilderness* 7: 14-21. 1972

072542 S942.G5
Battling for river preservation in Tennessee. Russell, L B *In Gillette, Elizabeth R. Action for Wilderness* 7: 144-156. 1972

072543 S942.G5
Fight to save Oklawaha. Carr, M H *In Gillette, Elizabeth R. Action for Wilderness* 7: 157-169. 1972

072544 S942.G5
A world heritage trust. [Environment protection]. Train, R E *In Gillette, Elizabeth R. Action for Wilderness* 7: 172-181. 1972

072545 S942.G5
Is Wilderness Act working? McCloskey, M *In Gillette, Elizabeth R. Action for Wilderness* 7: 22-28. 1972

072546 S942.G5
Preserving southeastern wilderness. Snyder, T A *In Gillette, Elizabeth R. Action for Wilderness* 7: 41-50. 1972

072547 S942.G5
How to make a wilderness study. McCloskey, M *In Gillette, Elizabeth R. Action for Wilderness* 7: 52-64. 1972

072548 S942.G5
Organizing support for a wilderness proposal. McCloskey, M *In Gillette, Elizabeth R. Action for Wilderness* 7: 65-89. 1972

072549 S942.G5
Preserving de facto wilderness. Moorman, J W *In Gillette, Elizabeth R. Action for Wilderness* 7: 96-101. 1972

072550 HC79.E5P654
Approaches to a political economy of environment. Sachs, I *In Political Economy of Environment; Problems of Method* P. 125-137. 1972

072551 HC79.E5P654
Development projets & environmental disruption: case of Uttar Pradesh, India. Whitcombe, E *In Political Economy of Environment; Problems of Method* P. 185-205. 1972

072552 SB112.A1I77
Pollution, over-population & over-consumption – is our survival at stake? Jackson, E M *Irrig Farmer* 8 (2): 11, 15. Oct/Nov 1972

072553 16 IT1
Agriculture & environment. (Ita) Giacomini, V *Ital Agr* 109 (11): 1118-1127. Nov 1972

072554 44.8 J822
Dairy waste management systems. Bates, D W *J Dairy Sci* 56 (4): 495-499. Apr 1973

072555 QH540.J6
Effect of lime on lead uptake by five plant species. [Wheat, oats, corn, subterranean clover, soybeans]. Cox, W J *J Environ Qual* 1 (2): 167-169. Ref. Apr/June 1972

072556 HD9000.A1J68
Ecology & USDA [U.S. Dept. of Agriculture] program. Hubbard, D D *J Food Distrib Res* 3 (1): 58-61. July 1972

072557 HD9000.A1J68
Solid waste management in wholesale food distribution centers. Stearns, R P *J Food Distrib Res* 3 (1): 62-65. July 1972

072558 HD9000.A1J68
Ecology: consumer viewpoint. [Waste]. Behre, D *J Food Distrib Res* 3 (1): 73-75. July 1972

072559 56.8 J822
Future allocation of land & water: implications for agricultural & water policies. Madsen, H C *J Soil Water Conserv* 28 (2): 52-60. Ref. Mar/Apr 1973

072560 56.8 J822
Environmentalizing agricultural production control policies. Seitz, W D *J Soil Water Conserv* 28 (2): 61-64. Ref. Mar-/Azr 1973

072561 474 K842
Westerwald for friends of nature. (Ger) Roth, H J *Kosmos* 69 (4): 169-180. Apr 1973

072562 389.78 K85
Environmental protection in agriculture & forestry: a summary report of BML. (Ger) Thier, E *Kraftfutter* 55 (12): 680-681. (Continued) Dec 1972

072563 389.78 K85
Optimal agricultural utilization of biosphere in relation to environmental pollution. (Ger) Siegel, O *Kraftfutter* 55 (9): 455-457. Sept 1972

072564 390.9 M39T
Methods of brewery waste management. Berck, B *Master Brewers Ass Amer Tech Quart* 10 (1): 56-59. Ref. Jan/Mar 1973

072565 41.8 M463
Level of mercury residues in horse kidneys as an indicator of mercury contamination of environment. Preliminary report. (Pol) Juszkiewicz, T *Med Wet* 29 (2): 87-88. Eng. Sum. Feb 1973

072566 281.9 M5842
Summary of state air & water quality statutes applicable to management of livestock wastes. [Pollution]. Johnson, J *Mich State Univ Dep Agr Econ Agr Econ Rep* 231, 71 P. Aug 1972

072567 384 M58
Kinetic microdetermination of mercury in natural waters & biological materials. Ke, P J *Mikrochim Acta* 1973 (3): 417-427. Ref. 1973

072568 18 N39
Microorganisms in environment. (Ger) Kuster, E *Mitt Deut Landwirt-ges* 87 (51): 1283-1284. Dec 14, 1972

072569 275.29 N811
Potential for water pollution from fertilizer use in North Carolina. Gilliam, J W *N C Univ Ext Ext Circ* 550, 15 P. Ref. Apr 1973

072570 QH5.N33
Wattenmeer & Halligen: planning of a national park. (Ger) Fiedler, W *NaturschutzNaturparke* 66: 37-44. Map. Third Quarter 1972

072571 56.9 N472
Cowra Research Station; meteorological observations 1942 – 1971. Lang, R D *New S Wales Soil Conserv Serv J* 29 (1): 45-66. Ref. Jan 1973

072572 501 N48
Engineering & conservation in Snowy Mountains, Australia. Crook, I G *New Zeal Ecol Soc Proc* 19: 16-22. Ref. 1972

072573 501 N48
Air pollution in New Zealand. Douglas, R T *New Zeal Ecol Soc Proc* 19: 23-29. 1972

072574 501 N48
Environment thing. Boffa, F D *New Zeal Ecol Soc Proc* 19: 30-33. 1972

072575 501 N48
A possible set of ecological guidelines for engineers. Scott, D *New Zeal Ecol Soc Proc* 19: 7-12. Ref. 1972

072576 464.8 OC32
Plant protection, forest protection, nature conservation. (Pol) Koehler, W *Ochrona Roslin* 16 (4): 6-9. Apr 1972

072577 55.8 OE8
Development trends in waste water techniques. (Ger) Biffl, W *Oesterr Wasserwirtsch* 25 (1/2): 9-14. Ref. Jan/Feb 1973

072578 SB482.A1U56
Land use & environmental quality – crisis & opportunigy. Marston, L *Outdoor Recreation Action Rep* 27: 12-32. Spring 1973

072579 QL334.P3208
Phillppines' national parks. Alvarez, J B *Outdoorman* 3 (1): 31-34. Sept 1972

072580 QL334.P3208
Warrumbungle National Park. [Australia]. Thompson, M *Outdoorman* 3 (1): 37-39. Sept 1972

072581 QL334.P3208
Environment & its biological significance. Qureshy, J I *Outdoorman* 3 (1): 45-48. Sept 1972

072582 HT391.R4
An economic theory of pollution control. Mathur, V K *Pap Reg Sci Assoc* 28: 223-235. Nov 1972

072583 HT391.R4
Intertemporally optimal urban pollution. Walter, G R *Pap Reg Sci Assoc* 28: 237-254. Ref. Nov 1972

072584 20.5 P84
Strontium-90 & caesium-137 as dangerous components of radioactive contamination in food chain (soil x plant x animal x man). (Pol) Smierzchalska, K *Postepy Nauk Roln* 19 (5): 91-107. Ref. Sept/Oct 1972

072585 106.2 P872
Air & vegetation pollution by industrial smoke in Konin region & its effect on animals. [Livestock]. (Pol) *Poznan Wyzsza Szkola Roln Rocz* 54: 127-139. Eng. Sum. 1972

072586 278.8 P95
On protection of areas of special value for agriculture, forestry & recreation. (Pol) Kostrowicki, J *Przegl Geogr* 44 (3): 573-580. Eng. Sum. 1972

072587 50.9 R24
In plant control of wastes. [Water pollution]. Miedaner, W H *Reciprocal Meat Conf Proc* 25Th: 129-149. 1972

072588 50.9 R24
Solid wastes in meat packing industry. Franke, G *Reciprocal Meat Conf Proc* 25Th: 150-162. 1972

072589 50.9 R24
Smoke, grease aerosol & odor control in meat processing plants. Hesler, J C *Reciprocal Meat Conf Proc* 25Th: 163-175. 1972

072590 S5.R4
Environment & agriculture. (Fre) Piccot, F *Rev Suisse Agric* 5 (1): 22-25. Jan/Feb 1973

072591 S5.R4
An aspect of problem in agriculture of utilization of sludge from water purification stations. (Fre) Rod, P *Rev Suisse Agric* 5 (1): 4-7. Jan/Feb 1973

072592 SF1.R54
Raising of swine & ecology: purification of liquid waste. (Ita) Tarocco, C *Rilancio Agric Vet Zootec* 4 (8/9): 14, 16-17. 1972

072593 99.8 R473
Integrated studies on technical environment protection for agriculture, forests & fisheries. (Jap) Sugimura, K *Ringyo Gijitsu* 372: 6-9. Mar 1973

072594 65.8 SO83
Pollution abatement & sugar industry. Matic, M *S Afr Sugar Year Book* 42: 4-7. Ref. 1971072

072595 100 SO82 (1)
Water quality criteria; an analysis as applied to Big Sioux River. Wiebe, J E *S Dak Agr Exp Sta Bull* 608, 15 P. Map. Apr 1973

072596 280.8 SO89
Waste waters disposal. Richard, C *S Pac Bull* 22 (3): 20-23. Ref. 3D Quarter 1972

072597 HD1940.C95P74
Properties of solid emissions in coking plant of NHKG at Ostrava from agrochemical & physiological points of view. (Cze) Kolar, L *Sb Vys Sk Zemed Praze, Provozne Ekon Fak, Cesk Budejovicich, Biol Rada* 10 (2): 11-35. Ref. Eng. Sum. 1972

072598 100 P381S
Pennsylvannia clean streams law applies to agriculture. Wooding, N H *Sci Agr* 20 (3): 10-11. Spring 1973

072599 475 SCI237
A discussion on 'development & environment'. Salonga, B R *Sci Rev* 13 (3): 28-35. May/June 1972

072600 44.8 SO12
Pollution control: a problem for today & tomorrow. McLoughlin, J *Soc Dairy Technol J* 26 (2): 76-83. Ref. Apr 1973

072601 99.8 SY52
Damage caused in forests by an increase in industrial air pollution during years 1967-1971. (Pol) Kamieniecki, F *Sylwan* 116 (12): 9-22. Map. Eng. Sum. Dec 1972

072602 TA343.S4
A practical example of use of simulation to develop an optimal plan for water – quality control. *SCi Simulation (simulation Counc Inc)* 19 (4): 109-117. Ref. Oct 1972

072603 104 SW3 SUPPL.
Commercial fertilizers & environmental preservation: previous research & need for continuing investigation. (Swe) *Tidskr Suppl K Skogs Lantbruksakad (stockh)* 9, 50 P. Map. Ref. Eng. Sum. 1972

072604 104 SW3 SUPPL.
Plant growth & eutrofication factor. (Swe) Jansson, S L *Tidskr Suppl K Skogs Lantbruksakad (stockh)* 9: 35-38. 1972

072605 104 SW3 SUPPL.
Some views on problem of commercial fertilizers & environment. (Swe) Gunnarsson, O *Tidskr Suppl K Skogs Lantbruksakad (stockh)* 9: 43-50. Map. 1972

072606 173 AT7ISD
Radioisotapic tracer determination of flow rates & patterns in tertiary wastewater treatment. [Dairy waste]. Eby, H J *U S At Energy Comm Isotope Syst Develop Program* 9 (1): 60-62. Fall 1971

072607 A280.29 F22I
Cooperative approach to outdoor recreation. Seymour, W R *U S Farmer Coop Serv Inform* 57, Rev., 13 P. 1973

072608 A99.9 F7622UN
Growth protential of family camping market. LaPage, W F Northeastern Forest Experiment Station *U S Forest Serv Res Pap NE* 252, 25 P. 1973

072609 157.8 R29
Sedimentation & contaminant criteria for watershed planning & management; completion report. Shen, H W *U S Office Tech Serv (Rep)* 31, 175 P. Ref. June 1972

072610 389.8 V26
Report from National Institute of Public Health in Sweden, 1966 – 1971. [Food contamination, pollution]. (Swe) *Var Foda* 24 (6/7): 77-137. Eng. Sum. 1972

072611 99.8 M69
Importance of open (green) spaces in polluted Ruhr & resultant consequences for land-use planning in Ruhr. (Ger) Froriep, S *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97 (1): 107-116. Eng. Sum. 1972

072612 99.8 M69
Pollution measurements for monitoring air in North Rhine/Westphalia. (Ger) Hartkamp, H *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97 (1): 45-52. Eng. Sum. 1972

072613 99.8 M69
Basic principles of clean air programme of North Rhine/Westphalia. (Ger) Dreyhaupt, F J *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97 (1): 89-97. Eng. Sum. 1972

072614 293.8 SE8
Biological treatment of wastewater by yeasts. Thanh, N C *Water Pollut Contr Fed J* 45 (4): 674-680. Ref. Apr 1973

072615 293.8 SE8
Aluminum hydroxide effects on wastewater treatment processes. Hsu, D Y *Water Pollut Contr Fed J* 45 (4): 681-697. Ref. Apr 1973

072616 293.8 SE8
Stormwater overflow device for pollution reduction. Pickford, J *Water Pollut Contr Fed J* 45 (4): 698-703. Apr 1973

072617 293.8 SE8
Petroleum hydrocarbons & fatty acids in wastewater effluents. Farrington, J W *Water Pollut Contr Fed J* 45 (4): 704-712. Ref. Apr 1973

072618 293.8 SE8
Pollution control financing in United Kingdom & Europe. Fish, H *Water Pollut Contr Fed J* 45 (4): 734-741. Apr 1973

072619 293.8 SE8
Animal waste management in Hawaii. Dugan, G L *Water Pollut Contr Fed J* 45 (4): 742-750. Ref. Apr 1973

072620 20 Z44
A land enveloped by alarm. [Environmental pollution United States]. (Rus) Ospinnikova, L *Zemledelie* 2: 77-79. Jan 1973

SUBJECT INDEX

ABDOMEN
Multiple abdominal pregnancy in a hare fo- 065041
of polyester net with **abdominal teguments.** 065365

ABELMOSCHUS
disease in okra, **Abelmoschus esculentus** L. 069641

ABERRATION
cells. [Chromosome **aberrations, Broadbeans** 067379
dioxide] enhanced **chromatid aberrations** in 067314
L.: II. Induced **chromosomal aberrations** in 067275

ABIES
of cultivation & regression of fir. [**Abies**]. 066357
pollen germination of some species of **Abies** 068604
of wood rays in branch of **Abies alba** Mill. 067059
in Pinaceae. [Larix laricina, **Abies balsamea** 066939
plywood. [Abies magnifica, **Abies concolor**] 066546
Fraser fir christmas trees. [**Abies fraseri**]. 066262
Pseudotsuga menziesii, **Abies grandis**]. 068524
in root rots of grand fir. [**Abies grandis**]. 069524
Columbia. [Pinus ponderosa, **Abies grandis**, 070107
woolly aphid. [Adelges piceae, **Abies grandis**] 070534
Drying of Picea **abies Karst.** stands during 066112
in flushing processes of Picea **abies Karst.** p- 066868
of insecticides in Picea **abies Karst.** when a- 070539
phloem in Pinaceae. [Larix **laricina, Abies** b- 066939
white fir plywood. [Abies **magnifica, Abies** c- 066546
requirements. [Pseudotsuga **menziesii, Abies** 068524
Drying of **Picea abies** Karst. stands during 066112
yield in even-aged stands. [**Picea abies,** Pinus 066211
owned lands in Pera-Pohjola. [**Picea abies,** 066327
Picea abies f. Rimosocortea & **Picea abies** f. 066611
changes in flushing processes of **Picea abies** 066868
substances from Norway spruce (**Picea abies** 068577
Weed control, Picea sitchensis, **Picea abies**] 069973
translocation of insecticides in **Picea abies** 070539
balsam woolly aphid. [Adelges **piceae, Abies** 070534
in even-aged stands. [Picea **abies, Pinus** elli- 066211
lands in Pera-Pohjola. [Picea **abies, Pinus,** 066327
British Columbia. [Pinus **ponderosa, Abies** g- 070107
a trunk of Todo-matsu (**Abies sachalinensis** 066981
Saghalien fir seedlings. [**Abies sachalinensis**] 068549
elastic constants of Todomatsu (**Abies sp.**). 066457

ABNORMALITY
in Rubus trivialis Michx. [**Abnormalities**]. 066944
A new **abnormality appearing** to be hereditа- 064947
Studies on **developmental abnormalities** in c- 064500
some **abnormalities** of **microsporogenesis** in 067071
between feed, feeding & **ovary anomalies.** [064855
Teratological stamens in flowers of Triticale 066962
Venous anomalies in a filly. 065909

ABOMASUM
in displacement to left of **abomasum: Surgic-** 065241
varieties culum & **abomasum** & on **secretion** 064555
in rumen or **abomasum** of **sheep.** 064293

ABORTION
associated with gastroenteritis & **abortion.** 065713
survey for Brucella **abortus antibodies** in im- 065594
Bovine abortions in five northeastern states, 065458
of two vaccines against **Brucella abortus** inf- 065500
properties of vaccines from **Brucella abortus** 065685
with B-8 strain of **Brucella abortus** vaccine. 065807
Abortion caused by cortisone. 1. [Ruminants 066040
Abortion caused by cortisone. 2. [Ruminants 066041
carriers of pathogen of **enzootic abortion** in 065772
Artificially **induced abortion** in sheep in ord- 065341
Listeric abortion studies in sheep. II. Feto-p- 065454

***
OLT group virus in cases of **sheep abortion.** 065456 065761

ABSCESS
due to rete mirabile **abscess caused** by infect- 065669

ABSCISIC
flower buds & xylem sap & of **abscisic acid** 067669
An improved bio-assay for **abscisic acid** & o- 067727
treated or not treated with **abscisic acid.** 068148

ABSCISSION
Histochemical patterns in **leaf abscission.** 067829
Current status of **abscission retardants** & ac- 067905

ABSORPTION
Absorbing activity of root in connection with 067041
Application, absorption & translocation of b- 067566
Application, absorption & translocation of b- 067567
Application, absorption & translocation of b- 072021
Application, absorption & translocation of b- 072022
metallic traces in oils by **atomic absorption** 063434
Atomic-absorption determination of total co- 071804
gully control structures & **absorption banks** 072292
Absorption of **cadmium** in fruit trees. 068217
determination of water **absorption capacity** 063784
of fertilizers on water-**absorbing capacity** of 068382
Atomic-**absorption determination** of total co- 071804
Absorption & excretion of antibiotics & sulf- 065294
Absorption of **IKSS** (Spectral intensity of r- 068376
in swine. 3. Studies on **intestinal absorption** 064564
Iron absorption from skim milk enriched wi- 063227
on hemoglobin formation & **iron absorption** 064460
I. Feed digestibility & **mineral absorption** in 064307
Mineral absorption process in plants. 067458
Absorption of some **mineral** elements by Ne- 067857
Contribution of **absorbed nitrogen** to relative 068175
Absorption of **oxygen** by Salix wood in relat- 068572
Washing out & **absorption** of **phosphorus** & 071820
its fractions on **absorption** of **phosphorus** pe- 071935
acid esters & in **absorption** of **phytin** phosp- 064564
Rubidium & **potassium absorption** by bean-l- 068432
Mineral **absorption process** in plants. 067458
Resorption of non-**replaceable** amino acids in 064574
to paddy field & its **absorption** by **rice** plant 067953
in paddy field & its **absorption** by **rice** plant 067954
leaf slices compared to **sodium absorption.** 068432
Absorption of **sulphur** dioxide by tobacco pl- 068031
conditions on size of **absorbent surface** of ro- 068192
Determination of **absorption & synthetic** act- 067994
compounds on **absorption & translocation** of 070352
of determination of **water absorption** capaci- 063784
Growth & **water absorption** of wheat with p- 068078
Effect of fertilizers on **water-absorbing** capa- 068382
Zinc absorption by excised leaf tissue of cof- 067826
Manganese & **zinc absorption** with octylphe- 067923

ACACIA
of brigalow (**Acacia harpophylla** F. Muell.). 068575
Eradication of **Acacia hockii** from Ugandan 070190

ACARICIDE
Koch on hops with **experimental acaricides.** 070289
Acaricidal & toxic properties of Dursban, se- 070650

ACARIDAE
Schwiebea Ouds. (**Acariformes, Acaridae**) fr- 071362

ACARINA
Mononychellus tanajoa (Bondar) (**Acarina:** 070378
red mite, Panonychus ulmi (**Acarina:** Tetran- 070423
mites in grass seed storage. [**Acarina**]. 070585
Psorergates glaucomys sp. n. (**Acari:** Psorer- 070618
Cytogenetics of ticks (**Acari:** Ixodoidea). Ii. 070619
peltotrupetes Krantz & Mellott (**Acari** : Ma- 070751
variabilis Say. at near saturation (**Acarina** : 070752
Larva of Ixodes cookei (**Acarina:** Ixodidae). 070780
determination of phytoseiid mites (**Acarina:** 070864
Cytogenetics of ticks (**Acari:** Ixodoidea). Ii. 070943
studies on respiratory rates of mites (**Acari**) 070990
of soil mite from western Colorado (**Acari:** 071193
Psorergates glaucomys sp. n. (**Acari:** Psorer- 071200
Saccostomus campestris Peters (**Acarina:** M- 071325
of mites from family Tydeidae (**Acariformes**) 071367
species of mite family Phytoseiidae (**acarina** 071162
Schwiebea Ouds. (**Acariformes, Acaridae**) fr- 071362
Mites (**Acari, Gamasina**) from small mamma- 070635
on family Brachychthoniidae (**Acari, Orbatei**) 071117
Oudemans, 1936 (**Acarina, Parasitidae**). 071125
urticae (koch) (**Acari, Tetranychidae**). I. De- 070301
urticae (**Acariformes, Tetranychidae**) to gale- 070303
Pronematus Canestrini (**Acarina, Tydeidae**) 071255
Genus Tydeus (**Acariformes, Tydeidae**) in m- 071365

ACARUS
Population development of **Acarus siro** rear- 070582

ACCIDENT
Sixty cases of disabling **farm accidents.** 071486
Legal regulation of **work accidents** in agricu- 062890

ACCLIMATION
oak seeds in Ukraine. [**Acclimatization**]. 066359
time on **acclimation & dehardening** in tart c- 068238

ACCOUNTING
Value of economics in **bookkeeping.** [Poultry 062328
If farmers had to use **accrual accounting.** 062322
Accounting/administrative consultant. 062316
Accounting, balance & unit cost accounting 066182
Basis for establishing **cost accounting** in agr- 062312
into practice a complete **cost accounting** sys- 062459
Accounting, balance & unit **cost accounting** 066182
Automated data processing in **cost accounti-g** 062400
qualitative **ensilage accounting.** 064680
Accounting for **feedlot** fattening of cattle. 062511
economic experiment. [**Forestry, accounting**] 066292
Accounting as **guide** to information concerni- 066184
at Windsor; with some **account** of its **history** 071174
Accounting for all **kind** of farmers. 062428
by Makharadze **Machine-Accounting** Station 062448
Accounting model--poultry fattening. 062318
An **account** of **moth** orchids: ascendancy of 068939
in establishing an **accounting plan** in forest 066181
Feed **prices, accounts,** & payment. 062495
Hints for rating & **accounting soilage** in con- 062582
Standardized accounting a chance for forest- 066217
Makharadze Machine-**Accounting Station.** 062448
Statistical accounting of Swedish agriculture 062826
data processing in cost **accounting system** of 062400
practice a complete cost **accounting system** 062459
of program for **accounting systems** in forest- 066183
A **taxonomic account** of Erpodiaceae. 066760

ACER
Seed dormancy in **Acer.** Changes in endoge- 068545
Dormant buds of **Acer negundo** L. & their r- 068563
during growth of **Acer pseudoplatanus** L. Ce- 068546
histolocigal features of **Acer saccharum** wood 066961

ACERIA
of chemical control of **Aceria guerreronis** (K- 070370
sheath mite of sugarcane. [**Aceria sacchari**]. 070350

ACETABULARIA
a chloroplast preparation from **Acetabularia** 067794
whole cells of **Acetabularia & Dunaliella.** 067477
in different regions of **Acetabularia hybrids.** 067796
Reassembly of an **Acetabularia mediterranea** 067028
composition of **Acetabularia mediterranea (** 067031
multiplication in **Acetabularia mediterranea** 067033
composition of **Acetabularia mediterranea (** 067795

ACETALDEHYDE
Toxicity of **acetaldehyde vapors** to postharv- 069486

ACETAMIDE
or mixtures of urea + **acetamide, urea** + a- 064631
Acetyl **urea, acetamide** & mixtures of these 064637

ACETATES
on lipid metabolism of rats. Use of **acetate-I** 064786
salt solution containing **ammonium acetate** 064619
Solution properties of **amylose acetate-g-poly** 063444
salina. IV. **Acetate assimilation.** 067730
In vitro & in vivo **carbon** 14 **acetate** incorpo- 070887
of serum proteins on **cellulose acetate:** com- 064279
cycle in cattle with **chlormadinone acetate.** 065210
a novel cytotoxic **cucurbitacin** 20-**acetate** fr- 067671
use of **medroxyprogesterone acetate** as an a- 064932
Effect of **melengestrol acetate** on rate of ex- 065018
Effect of **triphenyltin acetate** on fecundity & 070243

ACETIC
of glycine, 3-o-methyl glucose & **acetic acid** 064397
In vitro production of indole **acetic acid** by 069365

ACETOHYDROXY
pombe: properties of **acetohydroxy acid** syn- 067632

ACETYL
diphosphate N-**acetyl-D-glucosamine** metabo- 064328
of urea + acetamide, urea + **acetyl urea** or 064631
Acetyl urea, acetamide & mixtures of these 064637

ACETYLATION
sugarcane residues by **adiabatic acetylation.** 063807
Catalytic acetylation of flavonoids. 067495

ACETYLCHOLINE
Effect of **acetylcholine** on **growth** & on grow- 068133
An **acetylcholine-like substance** in Porophyl- 067450

ACETYLCHOLINESTERASES
Activity of **acetylcholinesterase** as **affected** 066063

ACETYLENE
of tomato fruits to **acetylene** & **calcium** carb- 063992

ACHATINA
against giant african snail, **Achatina fulica** 069821

ACHETA
during embryogenesis of **Acheta domesticus** 071070

ACHILLEA
New constituents of **Achillea species.** 067486

ACID
flower buds & xylem sap & of **abscisic acid** 067669
An improved bio-assay for **abscisic acid** & o- 067727
treated or not treated with **abscisic acid.** 068148
Nitric **acid accumulation** condition in pasture 066018
In vitro production of indole **acetic acid** by 069365
of glycine, 3-o-methyl glucose & **acetic acid** 064397
pombe: properties of **acetohydroxy acid** syn- 067632
in soybeans: effect of **acid** & base **additives.** 063755
Acid-alkaline balance in White Rock chicke- 064559
Water-electrolyte & **acid alkaline** balance in 066009
Chemical composition, **amino acid** content 063226
Protein content & **amino acid** balance of y- 063266
Amino acid homeostasis in gut lumen & its 063278
Amino acid composition of meat of young h- 063670
On content of **amino acids** in beet molasses 063776
methods on free & bound **amino acid** conten- 063875
Studies on metabolism of free **amino acids** 063971
On content of **amino acids** in date syrup fr- 063988
Amino acid composition of wines prepared u- 063995
Change of **amino acids** in grape juice during 064005
Localization of **amino-acid** substitutions diff- 064297
Evidence for **amino acid** sequence of porcine 064312
Partial sequence of **amino-acids** in procine 064332
Isolation & **amino-acid** sequence of C-peptide 064359
reinvestigation of N-terminal **amino acid** se- 064366
development. II. Promotion of **amino acid** i- 064375
involved in branched-chain **amino acid** cata- 064441
Assimilation of crystal **amino acids** in digest- 064493
Amino acid composition of swine blood in re- 064534
In vitro studies on secretion of **amino acids** 064573
Resorption of non-replaceable **amino acids** in 064574
day in concentrations of free **amino acids** in 064623
of DL-methionine on free **amino acid** content 064624
Nitrogen & **amino acids** levels in coecotrop- 064627
Chemical composition, **amino acid** content 064628
Influence of set of **amino acids** contained in 064635
Performance & plasma **amino acids** of steers 064742
incorporation of radioactive **amino acids.** 064785
Amino acid composition of swine blood in re- 064891
Exchange of **amino acids** in Brucella when 065808
amount of non-interchangeable **amino acids** 067222
effectiveness of several d-**amino acid** oxidases 067545
Biosynthesis of branched-chain **amino acids** 067631
Biosynthesis of branches-chain **amino acids** 067632
from Cephalosporium sp. IV. **Amino acid** c- 067658
Uptake of **amino acids** by Saprolegnia. 067708
mechanism in Lemna. I. **Amino acid** changes 067757
Use of comparative **amino acid** sequence data 067789
Comparative investigations on **amino acids** f- 067846
Effect of sulfur on yield & **amino acids** of s- 067938
fertilizer on yield, protein & **amino acids** of 068036
Amino acid composition of water soluble pr- 068075
of water, inorganic ions & **amino acids** in y- 068098
Amino acid metabolism in plants. IV. Kinet- 068296
of amino acids in fruits: **amino acids** in ban- 068359
Amino acid content of fruit & green mass of 068509
Free **amino acids** of Karelian birch. [Betula 068557
ultraviolet] radiation-induced **amino acid** def- 069352
Free **amino acids** in potatoes infected with v- 069739
Investigation of free **amino acid** metabolism 070809
Amino acid compositions of cytochrome C f- 071043
Amino acid nutrition of silkworm, Bombyx 071400
effectiveness of several d-**amino acid** oxidases 071764
Amino acids in clay-humic acid complex fo- 071794
of glutamic acid & gamma-**aminobutyric acid** 063971
of arginine & alpha-**aminoisobutyric acid** fr- 068245
compounds into delta-**aminolevulinic acid** by 068262
production of tenuazonic **acid analogues.** [Al- 067416
effect of Naphthaleneacetic **acid application** 068958
Special effect of **ascorbic acid** in white bread 063700
Ascorbic acid content of artificially ripened 063963
Variation of **ascorbic acid** & beta-carotene c- 064012
Effect of cyanamids on **ascorbic acid**-redox 067834
Amount of **ascorbic acid** in leaves of fruit tr- 068378
A nucleic **acid associated** with a killer strain 067709
Effect of selected lactic **acid bacteria** on gr- 063032
specificity of some lactic **acid bacteria.** 063483
related to growth of lactic **acid bacteria.** 063525
Protein content & amino **acid balance** of y- 063266
acid-deoxyribonucleic **acid bhbridization** stu- 063692
Studies on chlorogenic **acid biosynthesis** in 068455
TMTD & **boric acid**--effective chemicals for 069552
Effect of **caprylic acid** on metabolism of oth- 064294
of essential free **acids, carotenoids** & tocoph- 063785
in branched-chain amino **acid catabolism** in 064441
of chlorophyll a with linoleic **acid catalysed** 067674
Synthesis of **chaminic acid.** [Chamaecyparis 068548
mechanism in Lemna. I. Amino **acid changes** 067757
by starter cultures & **chemical acidulation.** 063120
fruits with 2-**chloroethylphosphonic acid** (et- 063990
by 2-**chloroethylphosphonic acid,** an ethylene 067767
CEPA [(2**chloroethylphosphonic acid**)] on c- 068209
Effects of 2-**chloroethylphosphonic acid** on g- 068389
Continous diffusion of **chlorogenic acid** from 063757
changes in naringenin & **chlorogenic acid** in 068336
Studies on **chlorogenic acid** biosynthesis in 068455
c[carbon]-labelled **chlorophenoxyacetic acids** 071753
paroperties of d-trans **chrysanthemic acid** es- 070578
Effect of nitrite, erythorbate & **citric acid** on 063658
Amino acids in clay-humic **acid complex** fo- 071794
Changes in lipid & fatty **acid composition** d- 063396
Fatty **acid composition** of bovine intramuscu- 063623
Amino **acid composition** of meat of young h- 063670
Determination of fatty **acid composition** in l- 063731
Amino **acid composition** of wines prepared u- 063995
in pigs. II. Fatty **acid composition** of adipose 064344
Amino **acid composition** of swine blood in re- 064534
of diet & breed on fatty **acid composition** of 064731
Amino **acid composition** of swine blood in re- 064891
Purification & amino **acid composition.** 067405
Fatty **acid composition** of lipids in various p- 067479
sp. IV. Amino **acid composition** of enzyme. 067658
Amino **acid compositions** of water soluble pr- 068075
Amino **acid compositions** of cytochrome C f- 071043
On variability of fatty **acid concentrations** in 068178
Influence of set of amino **acids contained** in 064635
Chemical composition, amino **acid content** 063226
Ascorbic **acid content** of artificially ripened 063963
Chemical composition, amino **acid content** 064628
effects on oleic, linoleic **acid content** of rape- 067096
Does tartric **acid content** of leaf blades of V- 067392
nitrogen fertilizers on organic **acid content** 067973
Amino **acid content** of fruit & green mass of 068509
of larval density to uric **acid content** in arm- 070312
on free & bound amino **acid contents** of pot- 063875
radiation-induced amino **acid deficient** muta- 069352
deoxyribonucleic **acid-deoxyribonucleic** acid 063692
Deoxyribonucleic acid-dependent ribonucleic 070899
Organic **acid determination** on treated & un- 064046
biand tricarboxylic **acid determination** in fo- 071874
in plants with C4-**dicarboxylic acid** pathway 067750
of 2-methoxy-3,6-**dichlorobenzoic acid** in pl- 070162
Induction of **doexyribonucleic acid** synthesis 068456
Echinatic acid from roots of Glycyrrhiza ma- 067530
TMTD & boric **acid**--**effective** chemicals for 069552
of essential fatty **acids, especially** of linoleic 064753
of essential fatty **acids, especially** of linolic 064759
Adsorptive behaviour of **acid & ester** forms 070229
of d-trans chrysanthemic **acid ester** of d-alle- 070578
acid phosphatase & thiolacetic **acid-esterase** 067600
hydrolysis of inosite phosphoric **acid esters** 064564
Flavor thresholds for **fatty acids** in buffered 063392
Changes in lipid & **fatty acid** composition d- 063396
Nature of oxidized **fatty acids.** [Fats, oils]. 063460
Changes in composition of **fatty acids** in so- 063466
autoxidation of unsaturated **fatty acid** methyl 063468
kinetics of some unsaturated **fatty acid** met- 063469
of some unsaturated **fatty acid** methyl esters 063470
Fatty acid composition of bovine intramuscu- 063623
model membrane systems. III. **Fatty acid** m- 063677
Determination of **fatty acid** composition in l- 063731
Fatty acids in wheat varieties consumed in 063761
Oxidized **fatty acid** formation during seed s- 063787
Nonvolatile oxidation products of **fatty acids** 063862
Fatty acids in different pulses produced & c- 063967
acid on metabolism of other **fatty acids,** in g- 064294
biohydrogenation of unsaturated **fatty acids** 064315
lipid metabolism in pigs. II. **Fatty acid** com- 064344
composition of plasma free **fatty acids.** 064345
Ammonium salts of **fatty acids** for milk pro- 064619
Synthesis of proteins & **fatty acids** after do- 064637
Effect of diet & breed on **fatty acid** composi- 064731
Significance of essential **fatty acids,** especial- 064753
Significance of essential **fatty acids,** especial- 064759
sorghum preserved with volatile **fatty acids** 064849
of fatty liver in laying hens. II. **Fatty acid** s- 064907
Fatty acid composition of lipids in various p- 067479
of imidazole on metabolism of **fatty acids** af- 067588
mold. III. Stimulatory effect of **fatty acids** 067660
Fatty acids of indigenous resources for poss- 067748
Biosynthesis of unsaturated **fatty acids** by h- 067909
On variability of **fatty acid** concentrations in 068178
Fatty acids of fat body of Pieris brassicae L 070503
Petroleum hydrocarbons & **fatty acids** in wa- 072617
during repening. II. Changes in **fatty acid** & 067877
raising quality of hay & **acid feeds.** 064098
Oxidized fatty **acid formation** during seed s- 063787
Influence of **formic acid** & formalin on quali- 064047
Influence of **formic acid** & formalin on prod- 064048
Formic acid as a silage additive for wet cro- 064064
Formic acid as a desiccant for grass leaves. 064065
making: Oxidation of essential **free acids,** ca- 063785
Physicochemical studies of soil **fulvic acid.** 071713
Fractionation of **fulvic acids** on coal. [Soil a- 071843
autoxidation of fats & **gatty acids.** 063479
of soil conditioners on silic **acid gel** plates. 071959
Effect of **gibberellic acid** on amount of alkal- 067712
Effects of **gibberellic acid** & an inhibitor of 068522
of osmotic water stress & **gibberellic acid** on 068525
Effects of **gibberellic acid** on yield & precoci- 069136
Effect of **gluconic acid** & parachloromercuri- 068500
fruits. III. Metabolism of **glutamic acid** & g- 063971
Glutamic acid (GA) in disorders of spermat- 065177
between decarboxylation of **glutamic acid** & 067964
by exogenous L-aspartic & L-**glutamic acids** 068286
Amino **acid homeostasis** in gut lumen & its 063278
of adsorption of paraquat by **humic acid** & 070720
visible nonFractionated **humic acids** & some 071864
Influence of **humic acid** & its fractions on a- 071935
Studying interaction of **humus acids** with sil- 071875
of forest litter water-soluble **humus acids.** 071886
Analysis of an **acid hydrolysate** of a low-sub- 063445
Determining **hydrolytic acidity** of peat-bog 071814
of natural & synthetic **hymatomelanic acids** 071714
Acid illuvial-gley soils of West Siberian Mi- 071878
II. Promotion of amino **acid incorporation.** 064375
plants caused by IAA [**indoleacetic acid**]-pr- 067908
Effect of some **indoleacetic acid** precursors 067986
basipetal transport of **indoleacetic acid** thro- 068107
Acid-induced fusion of mammalian erythroc- 064302
isolation of a chlorogenic **acid intermediate** 068455
Diurnal behavior of sugarcane **acid invertase** 068085
Effect of selected **lactic acid** bacteria on gr- 063032
Regulation of **lactic acid** in cheese & starters 063485
Cheese Food related to growth of **lactic acid** 063525
peculiarities of certain strains of **lactic acid** 063565
Use of **lactic acid** malt in brewing. 3. Direct 063717
Rapid method for determining **lactic acid** in 063866
dipeptidase specificity of some **lactic acid** b- 063483
Nitrogen & amino **acids levels** in coecotrop- 064627
method of autoxidation of **linoleic acid** met- 063438
of volatile aldehydes from **linoleic acid.** 064034
fatty acids, especially of **linoleic acid** in pou- 064753
Maternal effects on oleic, **linoleic acid** cont- 067096
oxidation of chlorophyll a with **linoleic acid** 067674
Selective hydrogenation of **linolenic acid** as 063857
fatty acids, especially of **linolic acid** in poul- 064759
in brewing. 3. Direct use of lactic **acid malt** 063717
with ferric salts. Reaction in **acidic medium** 063315
Amino **acid metabolism** in plants. IV. Kinet- 068296
Investigation of free amino **acid metabolism** 070809
of autoxidation of linoleic **acid methyl** ester. 063438
of unsaturated fatty **acid methyl** esters & gl- 063468
of some unsaturated fatty **acid methyl** esters 063469
of some unsaturated fatty **acid methyl** esters 063470
certain strains of lactic **acid microorganisms** 063565
membrane systems. III. Fatty **acid motions** 063677
NAA [**naphthaleneacetic acid**] & sevin on c- 068364
thinning effect of **Naphthaleneacetic acid** a- 068958
dynamics of accumulation of **acid & neutral** 065833

Nitric acid accumulation condition in pasture 066018
Concentration of **nucleic acids** in organs of 065831
on root tissues & on **nucleic acids.** 067394
Localization of **nucleic acids** in fungus Ent- 067683
A nucleic acid associated with a killer strain 067709
Effect of certain **nucleic acid** & protein inhi- 067756
redox system & on content of **nucleic acid** in 067834
Nucleic acids & nuclear proteins of winter 067984
Nucleic acids in seeds of maize heterotic hy- 067989
Timing of **nucleic acid** syntheses & mitosis in 068061
Changes in **nucleic acid** related substances in 068082
Amino **acid nutrition** of silkworm, Bombyx 071400
Glycerol & **organic acids** of malt. [Barley]. 063782
Studies on sugars, **organic acids** & volatile c- 063884
Organic acid determination on treated & un- 064046
Effect of nitrogen fertilizers on **organic acid** 067973
acid & formalin on production of **organic ac-d** 064048
Effects of **orotic acid** on development of vit- 064659
of several d-amino **acid oxidases.** [Assay me- 067545
plants with C4-dicarboxylic **acid pathway** of 067750
Disinfection efficiency of **peracetic acid** und- 065375
bind some derivatives of **phenoxyacetic acid** 068004
Studies on **acid phosphatase** of tomato fruit 063885
demonstration of **acid phosphatase** & thiola- 067600
activity & Km of **acid phosphatase** from lea- 067859
triphosphatase & **acid phosphatase** in root g- 068341
Soluble **acid phosphatases** from posterior re- 070924
of 1,2-14C-(2-Chloroethyl)**phosphonic acid** (068366
stability by treatment with **phosphoric acid** 063863
hydrolysis of inosite **phosphoric acid** esters 064564
migration of mineral **phosphoric acid** under 071817
in clinical use of **polyglycolic acid** as an abs- 065322
acid-dependent ribonucleic **acid polymerase** 070899
analysis of an **acidic polysaccharide** from Tr- 067475
cross-reaction of **acidic polysaccharide** from 067476
Effect of some indoleacetic **acid precursors** 067986
Triatment of corn grain with **propionic acid** 064105
Some properties of **acid protease** from ther- 067418
Aspergillus fumaricus 128-2--**acid proteinase** 067784
effort on levels of lactic & **pyruvic acids,** of 064244
Effect of cyanamids on ascorbic **acid-redox** 067834
Formation of alkaline & **acid regions** at surf- 067646
Changes in nucleic **acid related** substances in 068082
Differentiation of **acid-resistant** mycobacteria 065490
control of precursor pools, **ribonucleic acid** 064426
Ribonucleic acid & protein metabolism in r- 064937
of erythrocytes adsorbed by **ribonucleic acid** 065381
chloroplast ribosomal **ribonucleic acids.** [Pu- 069476
acid-dependent **ribonucleic acid** polymerase 070899
Requirement for **ribonucleic acid** in a semi-s- 070940
Effect of fertilizers on a very **acid sandy** soi- 072177
Evidence for amino **acid sequence** of porcine 064312
Isolation & amino-**acid sequence** of C-peptide 064359
of N-terminal amino **acid sequence.** 064366
Use of comparative amino **acid sequence** data 067789
Study on **sialic acids** of ram's semen at stor- 064971
alternation of soil conditioners on **silic acid** 071959
interaction of humus acids with **silica acid,** s- 071875
species of grasses & legumes to **soil acidity.** 067926
extractable aluminum in strongly **acid soils** 071781
Soluble acid phosphatases from posterior re- 070924
Sorbic acid as conservation agent of mixed 064076
extractable aluminum in **strongly acid** soils 071781
Localization of amino-**acid substitutions** diff- 064297
Diurnal behavior of **sugarcane acid** invertase 068085
Effect of **sulfamic acid** on degradation of pu- 066482
production of bisulphite & **acid sulphite** pulp 066421
Timing of nucleic **acid syntheses** & mitosis in 068061
of precursor pools, ribonucleic **acid synthesis** 064426
in laying hens. II. Fatty **acid synthesis** & ox- 064907
Induction of doexyribonucleic **acid synthesis** 068456
properties of acetohydroxy **acid synthetase** 067632
Does **tartric acid** content of leaf blades of V- 067392
Microbial production of **tenuazonic acid** ana- 067416
On composition of humic & **testinic acids.** 063314
Observations on use of 2-**thiobarbituric acid** 063190
Acid-treated grains aid storing, handling & f- 064828
fields. I. Trichloroacetic **acid treatment** & so- 070121
Synthesis of (3-3H2,3-14C-**triacontanic acid,** 068317
method of several biand **tricarboxylic acid** d- 071874
repens in grain fields. I. **Trichloroacetic acid** 070121
Individual TBA [**trichlorobenzoic acid**]-react- 063459
arietinum L.) by 2,3,5-**triiodobenzoic acid.** [068315
Peripheral blood picture, **uric acid** & some e- 065887
Relationship of larval density to **uric acid** c- 070312
Uronic acids of polysaccharides of grape mu- 063999
adsorbed by ribonucleic **acid virus**-infected c- 065381

ACONITUM
Contribution to taxonomy of **genus Aconitum** 066635

ACOUSTICS
Animal acoustic signals & human cries in th- 064567
Acoustic ststus of species Homorocoryphus 071087

ACREAGE
farms specializing in swine raising. [**Acreage** 062449
to soil conservation, set **aside, acreage** diver- 063013
A few acres--& much waste. case of intensive 062426
amounts. Depending on **grassland acreage.** 064676
Agricultural advantages in **acreage planning** 062425

ACRIDIDAE
in locust control. [**Acrididae, Cecadidae**]. 070250
stability of groupings of **Acrididae** in **semi-d-** 070975

ACRIDINE
chick embryo. I. Changes in **acridine orange** 064347
Acridine orange staining & iodine quartz flu- 067016

ACRIDOIDEA
associated phenomena. [**Acridoidea**]. 070755
Orthoptera: **Acridoidea, Pyrgomorphidae**) on 070825

ACROPETAL
of potassium supply on **acropetal transport** 068098

ACROSOMES
vesiculation or vacuolation of **acrosome?** 065024
s ovum by a trypsin-like **acrosomal enzyme** 065025

ACRYLAMIDE
by electorphoresis in **acrylamide gel.** 067713

ACTH
Effect of isomers of DDD on **ACTH-induced** 066048

ACTINIDIA
Chinese gooseberry. [**Actinidia chinensis,** c- 063928
tao, hope in Le Gard. [**Actinidia chinensis**]. 069135

ACTINOMYCES
Rhizoctonia solani, **Actinomyces scabies**]. 069552

ACTINOMYCETES
properties of **Actinomycetes** as **antagonists** 069425
Soil actinomycetes in Latvia. II. Non-pigm- 071821

ACYL
lipid composition & lecithin-**cholesterol-acyl** 064453
Determination of position of **acyl groups** & 067502

ACYRTHOSIPHON
produced by pea **aphid Acyrthosiphon** pisum 070807
inhabiting species of **genus Acyrthosiphon** 070796

ADALIA
Adalia bipunctata, Biston **betularia, Adalia** 070876

ADAPTATION
Feed utilization & **anatomical adaptation** of 064430
Behavioral adaptations of cryptic moths. VI 070956
respiration in **adaptation** of **certain** trees to 068599
Adaptations of **digestive** tract during reprod- 064552
distribution of centers of **major adaptive** rad- 066711
crops for **adaptability** to **mechanized** process- 067246
as helper cells for **adaptation** of **obodhiang** 070595
Adaptation, stress & production. 064273

ADDITIVES
in soybeans: effect of acid & base **additives.** 063755
Chemical additive for manure. 072159
of minute quantities of **additives** to **divers** s- 070713
On **additive effect** of varied spectral radiati- 067715
needed in today's industry. [**Feed additives,** 063077
Use of antibiotics as **feed additives** in swine 064611
needed in today's industry. [**Feed additives,** 064681
Feed additives for pgis. 064687
Effect of chlortetracycline **feed additive** on 065443
Microelement additives in treatment applied 069387
Mineral additives to feed used for beef cattle 064770
determination of **plastic additives** in food si- 063062
determination of **plastic additives** in food si- 063063
determination of **plastic additives** in food si- 063064
Influence of atmosphere & **additives** on **rate** 063837
Formic acid as a **silage additive** for wet cro- 064064
Effect of **various additives** on property of s- 063439

ADELGES
on balsam woolly aphid. [**Adelges piceae,** Ab- 070534

ADENINE
meat on nicotinamide **adenine dinucleotide** 063635
NAD (P) [nicotinamide **adenine dinucleotide** 067442
NADP [nicotinamide **adenine dinucleotide** 068460
of NAD [nicotinamide **adenine dinucleotide**] 068463
benzylthio]**adenine-modified** phosphorylase. 064318
Adenine nucleotide translocation in Jerusal- 068280

ADENOHYPOPHYSIS
cavities in **adenohypophysis** of **rabbit.** 064306

ADENOSINE
Adenosine 3':5'-cyclic monophosphate in Ch- 067710
dependent adenylate cyclase & an **adenosine** 067711
Membrane-**bound adenosine** triphosphatase 068112
Polymorphism of **adenosine deaminase** (ADA 064296
in beef heart **mitochondrial adenosine** triph- 064423
Chemistry of **adenosine monophosphate** site 064317
Chemistry of **adenosine monophosphate** site 064318
of AMP [**adenosine monophosphate**] binding 064365
of plasma membrane & **tonoplast adenosine** 068033
ATPase [**adenosine triphosphatase**] activity 068279
Activity of **adenosine triphosphatase** & acid 068341
on activity of **adenosine triphosphatase** in m- 068348
ATPase [**adenosine triphosphatase**] activity 068482
Effects of ATP [**adenosine triphosphate**] an- 070805
I. Respiration & **adenosine triphosphate** lev- 071407

ADENOSINETRIPHOSPHATASE
dependent ATPase [**adenosinetriphosphatase**] 068053

ADENOVIRUSES
of calves with a **bovine adenovirus.** 065386
cells induced with **bovine adenovirus** of 3-D 065644
of proteins in type I **adenovirus & cattle** se- 065576
characterization of an **equine adenovirus.** 065514

ADENYLATE
monophosphate-dependent **adenylate cyclase** 067711

ADHESIVE
Study of **adhesion capacity** of polymer-struc- 072194
To importance of **adhesives** in **control** of pine 069553
grafting material on process of **adhesion os** 068495
clinical use of histoacryl **tissue-adhesive.** [V- 065266

ADIPOSE
on fatty acid composition of **porcine adipose** 064731
II. Fatty acid composition of **adipose tissue** 064344
Cellular development of **adipose tissues.** [An- 064481
in wall of digestive tract & **adipose tissues** of 064501

ADJUVANT
dextran as an **adjuvant** in **vaccines** against f- 065377

ADMINISTRATION
SEE MANAGEMENT

ADOXOPHYES
as a means of control of **Adoxophyes orana** 070268
agent for control of **Adoxophyes orana** (Lep- 070466
agent for control of **Adoxophyes orana** (Lep- 070467

ADRENAL
ultrastructure of dog **adrenal cortex.** 066048
Role of maternal **adrenal glands** in estrogen 064939
Adrenal insufficiency in dog: two case repor- 065938

ADRENALIN
of administration of **adrenalin** on **immobility** 064425
Adrenalin-induced rumination in sheep & go- 064521

ADSORPTION
simulation of vertical non-**adsorbed anion** tr- 071868
materials. II. **Adsorption compression** on so- 063293
temperature, time & **adsorbate degradation** 070231
compounds. II. **Adsorption & desorption** equ- 070232
microscopy of **erythrocytes adsorbed** by rib- 065381
strontium cation **exchange adsorption** on Ch- 071877
Hydrophilic adsorption materials in food in- 063344
on phosphate **sorption isotherms** & phospha- 071766
during **adsorption** of **parainfluenza** 1 (Sendai 065476
on mechanisms of **adsorption** of **paraquat** by 070720
degradation on **paraquat adsorption.** 071956
of cation exchange between **root adsorption** 067555
Study of **stroniium** 89 **adsorption** in different 072484
flow method for **studying adsorption** & deso- 070679

ADSUKI
SEE BEANS

ADULTS
thiotepa & tepa in pupae & **adults** of **Culex** 070657
of production abilities in **adult dairy** cows of 064922
hormone analogues on **adult emergence** of b- 070602
with egg laying, egg weight & **adult hen** wei- 064944
Study of insect blood in **adult honey** bee (A- 071410
resting of Smyrna **karwinskii adults** (Nymp- 070952
Sources of **adult leaf** rust resistance in Triic- 069372
carbophos & DDT for **adult mosquitoes** in z- 070626
of malathion & pyrethrins to **adults** of **rice** 070338
in various physical forms to **adult sheep** & c- 064725
components of flight muscle in **adult tsetse** f- 070920
for sodium chloride among **young adults:** an 063250

AEDES
pastures along Texas Gulf Coast. [**Aedes**] ag- 070642
iridescent virus. [**Aedes taeniorhynchus**]. 071067
Culex pipiens molestus, **Aedes aegypti**]. 070631
of various strains of **Aedes aegypti** & Aedes 070658
viral infection in larvae of **Aedes aegypti.** 070964
intestinal diverticula in **Aedes aegypti.** 071013
Singh's **Aedes albopictus** cell cultures as he- 070595
mosquito tissue cultures. [**Aedes albopictus,** 070812
like formations in larvae of **Aedes** & **Culex** 070960
all stages·of Aedes nigripes & **Aedes impiger** 071152
membrane morphogenesis. [**Aedes sollicitans**] 070911

AERATION
Effect of **aeration** on **development** of entom- 067695

AERIAL
jucunda Falderman, by **aerial application** of 070470
Microfungi colonizing **collapsed aerial** parts 069439

States by using large-scale **color aerial** phot- 066158
ponderosae, Pinus **contorta, aerial** photos]. 066271
Further aerial trials with pesticides at Ultra 070304
of growing regions of **aerial hyphae** of Rhiz- 067026
demarcating fume damage on **aerial photos.** 066159
of rate of spread of an **aerial prescribed** burn 066317
Use of **aerial survey** in studying karst. 071784

AEROBACTER
Proteus & **Aerobacter organisms.** 065496

AEROBES
for study of growth of **aerobic bacteria.** [Soil 071904
Aerobic processing of excreta in space below 071508
Use of **aerobic sporiform** bacteria in treatm- 065547

AEROSOL
Antibiotic aerosol treatment of European (or 071401
Smoke, **grease aerosol** & odor control in me- 072589

AESHNA
Discovery of **Aeschna subarctica** Walker in 071347

AFFORESTATION
heaps of hard coal mining. [**Afforestation**]. 066136
supply seeds for high **altitude afforestation** 066399
Results in **afforestation** at **higl.** altitudes at 066397

AFLATOXINS
A rapid qualitative test for **aflatoxin.** [Aspe- 063028
of florisil tubes in detection of **aflatoxin.** [C- 063752
Effect of **aflatoxin** in **animals** & in man. [Fe- 063218
Effects of **aflatoxin** on **germination** & growth 068256
estimation of **aflatoxin** B1 in **groundnut.** [A- 063113

AFTERBIRTH
SEE PLACENTA

AGALACTIA
Streptococcus **agalactiae, Staphylococcus** au- 065474
in determination of **streptococcus agalactiae.** 065558

AGAR
gel & zeolites by gel-**agar electrophoresis** m- 071875
disease herpes viruses by means of **agar gel** 065434
infectious anemia: sensitivity of **agar-gel** im- 065445
cattle. II. Compariosn of iodine & **agar gel** 065561
Comparative study of **agar mediums** for pro- 065451

AGARICACEAE
rhodosporous **European agarics.** [Agaricales] 066762
On odorous substance of **agaric Rhodophyll-s** 067676

AGARICALES
Cantharocybe, a new genus of **Agaricales.** 066740
rhodosporous European agarics. [**Agaricales**] 066762

AGAVE
Note on pulque & mezcal. [**Agave**]. 063317
Garden in 1860. [**Agave americana**]. 066822

AGERATUM
of flower oil of **Ageratum conyzoides** L. 063346

AGGLUTINATION
Application of **capillary agglutination** test f- 065616
of field trials of **capillary agglutination** test 065883
native horses using rapid **plate agglutination** 065594
Non-**specific agglutination** of Mycoplasma g- 065523

AGGLUTININS
Decline of **agglutinins** in **blood** serum of hei- 065409

AGGRESSION
Assessments of **aggressiveness degree** of Ver- 069406
On an **aggressive Peronospora** tabacina Ad- 069418

AGING
of weaning baby pigs at one month of **age.** 062580
raised lambs from birth to 19 weeks of **age.** 064279
of weaning baby pigs at one month of **age.** 064837
Productivity of sows & boars relative to **age.** 065103
content along tip of root during **ageing.** 068073
of Larix sibirica & factors of ecology & **age** 068586
Relationship between **age** of **bean** leaves, so- 067918
Influence of **breed, age,** & ejaculation frequ- 064962
Age changes in relationship among certain 064369
Seasonal & **age changes** in amount of diosge- 067811
leaf senescence. I. Effects of **age, chemicals,** 068289
Effect of **age** of **chicken** on quality of egg sh- 064405
Effects of breed & **age classification** on live 065012
various feeding levels of buffalo **cows aged** u- 064913
Age data on phagocytic activity of leukocyt- 064504
Effect of **age** on **density** variation within one 066980
Age dependent resistance to transmissible g- 065444
Age-determined changes in anatomic structu- 066999
metabolism in chickens of **different ages,** aft- 064592
Leghorn chickens & broilers of **different age** 065336
Carex pilosa) birch stands of **different age.** 066362
in pine plantations of **different age.** 066865
behavior of tobacco leaves of **different ages** 067940
Inhibitors of cotton seeds of **different age.** 068000
hardening of wheat leaves of **different age.** 068183
Hendel males & females at **different age** lev- 070874
On multilayered soils of **different age** in Ri- 071842
Causes of disease & mortality of **aging dogs** 065261
roots of subtropical persimmon at **early age** 068409
Age & ecological changes in flushing proces- 066868
Age of Engelmann spruce seedlings affects 068596
Reproductive efficiency in **aged female** rabbi- 065029
substances of wine during **aging** under **film.** 064024
of dynamics of a various-**aged forest.** 066363
Growth to 18 months of **age** for two **groups** 064711
Ontogeny & **age groups** of Helictrotrichon s- 066747
collected from bulls of varying **age groups.** 064996
Development & **aging** in **Helianthus** annuus 068013
Effect of **index age** on precision of site index 066192
staminate strobili formation at **juvenile age** 068592
of rearing methods of young **lambs, age** & b- 064525
by Agricultural Fund for **Aged** after **latest** l- 062156
Marasmius [oreades] fairy rings: **lawn age** 069554
Leaf age & air pollutant susceptibility: upta- 069781
of forest tree. I. Relation between **leaf age** 068553
males & females at different **age levels.** 070874
of baby pigs & **age & maintenance** conditions 065345
weight, as a function of **age** in **miniature** sw- 064373
of boron in oil palm. Ii. **Age** of **palm,** freque- 067567
Effect of **age** of **parents** on weight of lambs 064474
subtropical persimmon at early **age period.** 068409
trunk volume of trees in uneven-**aged Picea** 066272
lupine plants as related to **age** & **place** of pl- 069735
of collagen cross-links. **Age-related** changes 064313
A study of **age & sex** composition of cattle 064199
Effect of **sheep age** on wool production. 064471
Lam. in relation to **age** of **shoot** & plant. 067053
area growth & yield in even-**aged stands.** [P- 066211
a comparison of elevated **temperature aging** 063663
associated with **age** in **thoroughbred** horses 064570
Zoo-economy attempts **throughout ages.** 064208
plant ground cover as related to **age** of **tree** 066842
of trunk volume of trees in **uneven-aged** Pic- 066272
Equation of dynamics of a **various-aged** fore- 066363
motility collected from bulls of **varying age** 064996
Effect of **age** on **virulence** of Septoria nodor- 069527
Muscle quality, cooking method & **aging vs.** 063627
Determination of **age** at **whitch** spruce attai- 066296
Influence of **age** on **wool** production in long- 064462
at 12, 14, & 16 months of **age** upon **yields** at 068801

AGRARIANISM
forms of abandonment of **agrarian activities** 062173
Asian agrarian reform. 062261
Global view on **agrarian credits.** 062474
Economi c Community on **agrarian market** 062677
Agrarian policy for marginal lands. 062271
Goals of **agrarian policy.** [Austria]. 062841
Agrarian reform in Latin America. 062260
Cooperatives after **agrarian reformin** Iran. 062386
Agrarian structure & its effect on production 062253

AGRICULTURE
policy & advisory service in **agriculture.** [Au- 062136
An AG [**agricultural**] teacher's view: effectiv- 062141
in agricultural reseach & in **agriculture.** 062178
of local distribution of matter in **agriculture.** 062179
Agriculture. 062181
Improving managerial staff in **agriculture.** 062195
Impressions of trip. [**Agriculture**] ojomic. 062199
movement in north Africa. [**Agriculture**]. 062221
Biology & **agriculture.** 062223
Concept of "subsistence". [**Agriculture**]. 062301
Management education also for **agriculture?** 062304
Resource use & its productivity in **agricultu-e.** 062307
of working porcesses in **agriculture.** 062321
of problems of cooperation in **agriculture.** 062324
link in production control. [**Agriculture**]. 062332
in suburban areas. [**Agriculture**]. 062334
of scientific research activity in **agriculture.** 062363
on classification of labor in **agriculture.** 062364
of a qualified work force in **agriculture.** 062375
a qualified work force for **agriculture.** 062376
of relations of authority. [**Agriculture**]. 062385
Let us judge by its first results. [**Agriculture**] 062430
organization of labor in **agriculture.** 062469
Short-range credit in **agriculture.** 062476
for variable resources in **agriculture.** 062490
plan & material incentives. [**Agriculture**]. 062496
accumulation & expenditures in **agriculture.** 062515
Tax regime after cash earnings. [**Agriculture** 062534
Leasing also in **agriculture?** 062539
information on tax liability in **agriculture.** 062540
of forming new capital in **agriculture.** 062546
1973 budget & state aids to **agriculture.** 062556
investments & basic capital in **agriculture.** 062577
Purchase & sale prices in **agriculture.** 062766
policy & advisory service in **agriculture.** [Au- 062835
industry from point of view of **agriculture.** 062844
microand structural controls in **agriculture.** 062848
Long-term future of **agriculture.** 062851
of pesticide products for **agricultural** use. 062866
regulation of work accidents in **agriculture.** 062890
shortages: a thing of past. [**Agriculture**]. 062897
Ecology & USDA [U.S. Dept. of **Agriculture**] 062938
A new voice for state support of **agriculture** 062946
Who will control U.S. **Agriculture?** 062965
Mediterranean, Atlantic. [**Agriculture**]. 062989
Agriculture: increased productivity through 062999
varied. [Florida Department of **Agriculture**] 064131
at 1973 International Exhibit of **Agriculture** 064181
Genetics for **agriculture.** [Plants, livestock]. 065094
Chemical growth regulators for **agriculture.** 068351
as a selective herbicide in **agriculture.** 070055
of pesticide products for **agricultural** use. 070686
applications of electricty in **agriculture.** 071466
Safety problems in **agriculture.** 071480
Electrification of **Agriculture.** 071496
Ready-made building for **agriculture.** 071501
of degree of mechanization in **agriculture.** 071626
Trends in spraying equipment in **agriculture** 071670
Ecology & USDA [U.S. Dept. of **Agriculture**] 072556
Environment **& agriculture.** 072590
clean streams law applies to **agriculture.** 072598
Agricultural adjustment problems in Israel. 062242
Agricultural advantages in acreage planning 062425
Problems of improving **agricultural advisory** 062420
particularly when using **agricultural aircraft** 069786
Paktia--a model of **applied agricultural** deve- 062921
progressive pollution of **agricultural areas** w- 065663
Development of **Austrian agriculture** 1971-1 062842
Austrian agriculture & farm equipment indu- 071510
in poultry husbandry in **British agricultural** 064236
of co-operation in **agriculture** of **Bydgoszcz** 062423
Developments in **Canadian agriculture.** 062863
Agricultural change & American revolution: 062231
advisory work in a **changing agriculture.** [W- 063285
Agricultural chemical: Rodenticides, herbici- 066015
agronomists, **agricultural-chemical** centers & 069783
Agricultural chemical: Rodenticides, herbici- 070670
Speculations on **agricultural chemical** devel- 070716
husbandry in British **agricultural colleges.** 064236
in development of **Colombian agricultural** in- 068374
Is **agricultural commerce** proceeding well? 062741
outlook for CAP. [**Common Agricultural** Pol- 062944
work method of **communal agricultural** servi- 062204
principles for **agricultural construction.** 071483
Some remarks on **contracting agricultural** p- 069848
Cooperative agriculture education in a total 062144
Recent activities of **agricultural cooperatives** 062327
ways ot finance **agricultural cooperatives.** [062473
on Unified **Agricultural Cooperatives** Zahna- 062488
in a set of Unified **Agricultural Cooperatives** 062801
yields of cotton on **agricultural cooperatives** 062817
Agricultural credit. 062499
Agricultural credit: trends shown by statisti- 062535
A look at **agricultural credit.** 062564
Community] on **agricultural cropping** syste- 062237
on growth & yield of **agricultural crops.** IV. 067799
on growth & yield of **agricultural crops.** III. 068136
development of **Czechoslovak agriculture.** 071434
Agriculture & dairy industry in Israel. 062165
Agriculture in **decisive** year of Five-Year-Pl- 062872
safety techniques in **designing agricultural** 071470
Agricultural Development Advisory Service 062159
future of entire **agricultural development** in 062638
Agricultural development & Central Americ- 062717
Marketing & **agricultural development.** 062784
Strategy for **agriculture development** in "se- 062900
a model of applied **agricultural development** 062921
Agricultural development policy as shown by 062923
of level of **agricultural development** of mem- 062951
aspects of **agricultural development** of Lodz 062974
Agricultural development of eroded sloped l- 072275
Gypsum--it's use in **agricultural development** 072304
Agricultural documentation; its present, its 062171
Present **agricultural economic** situation in El 062162
Aircraft in **agriculture**--is use **economical?** 062545
applications in **agricultural economics.** 062229
Guyana. [**Agricultural economics**]. 062244
economic solutions. [**Agricultural economics**] 062251
function variables. [**Agricultural economics,** 062270
groupings. [**Agricultural economics**]. 062833
Cooperative **agriculture education** in a total 062144
os shows & tours in **agricultural education.** 062205
Structural change of **agriculture** & its **effect** 071616
Role of **agricultural engineering** in agricultu- 062413
attendance in **agricultural engineering.** 071438
Microbiology **& agricultural engineering.** 071456
Agricultural engineering & machine industry 071457
Agricultural engineering tomorrow or mech- 071458
Agricultural engineering in Finland. 071472
Agricultural engineering & apprenticeship. 071473
Agricultural engineering in North America. 071474
Agricultural engineering in Finland. 071475
Institute of **Agricultural Engineering**] Mk II 071600
Need of **agricultural engineers** in future dev- 071434
Basic knowledge for **agricultural engineers.** 071852
cost accounting in **agricultural enterprise.** 062312
Decisions in **agricultural enterprise.** 062441
system of **agricultural enterprises.** 062378
of specialization of **agricultural enterprises.** 062461
its price on **agricultural enterprises.** 062489
industry & future of **entire agricultural** deve- 062638
Agriculture & environment. 062184
Environmentalizing agricultural production 062940
Agriculture & European society. 062185
Europe of ten. [**Agriculture, European** Econ- 062984

A quick look at **European agricultural** instit- 068747
supervised **agricultural experience** programs 062145
annual report of **Agricultural Experiment** S- 062191
in Texas, 1972 **agricultural experiment** stati- 064210
Gulf Coast. [Aedes] **agricultural experiment** 070642
Prospects of **exporting agricultural** products 062979
U.S. **Agricultural exports** up nearly three-fo- 062674
A study of **agricultural extension** system in 062139
Agricultural extension. [India]. 062176
Modern **agriculture--fact** vs. fantasy. [Outlo- 062982
papers of Veterinary **Faculty-- Agricultural** 065360
of optimum capacity of **agricultural field** equ- 071618
Possible ways ot **finance agricultural** cooper- 062473
Studies on **agricultural finance** under new e- 062581
of basic funds. [**Agricultural finances,** collect- 062579
Harmonizing of **agricultural fiscal** policy in 062553
aflatoxin. [Aspergillus **flavus, agricultural** p- 063028
associations in **agriculture &** in **food** industry 062387
Equal outlook for **agriculture & food** industry 062843
in fodder production by **Agriculture & Food** 062881
Utilization of enzymes in **agricultural & food** 063316
associations in **agriculture &** in **food** industry 063377
of Department of **Agricultural Foodstuffs** Te- 063427
differentiated quantity of **agricultural forage** 068907
Agriculture & forestry--tourism. 062228
at State College for **Agriculture & Forestry** 063405
Agriculture & forestry--tourism. 066169
protection in **agriculture & forestry:** a sum- 072562
of special value for **agriculture, forestry &** r- 072586
protection for **agriculture, forests &** fisheries 072593
Socialpolitical aid by **Agricultural Fund** for 062156
way of recruiting for **agriculture** in **general. Agricultural geography**]. 062277
in development of **agriculture** in **German** D- 062203
Guiding agricultural operations. [Manageme- 062269
Agricultural haulage with motor lorries. 062446
Agricultural household, trends in developme- 071631
of peat land: **Hydro-agricultural** management 063283
an instrument for **agricultural improvement** 068994
Problems of **improving agricultural** advisory 062170
Tax reform for **agricultural incomes.** 062420
fertilisers in **increasing agricultural** producti- 062552
achievements. [**Agriculture, India**]. 072036
Role of **agriculture** in **India's** economic deve- 062882
New vista for **Indian agriculture.** 062901
in collections of **Indian Agricultural** Resear- 062898
Mechanisation of **Indian agriculture.** 071286
Agriculture of **Indonesia.** 2. 071564
protection in **industrialized agricultural** pro- 062978
in development of **agriculture & industry** in 070311
Their applications in **industry, agriculture &** 062919
of Colombian **agricultural industry:** Cultivat- 063050
Standardization of **agricultural inputs.** [India 068374
look at European **agricultural institutions.** 062308
Italian agriculture in 1971. 068747
Legislative outlook for **agricultural labor** in 062994
Trends in utilization of **agricultural land:** a 062964
Changes of **agricultural land** utilization in T- 062292
transformation of **agricultural lands.** [Land 062297
For a prospective vision of **agricultural law** 062245
Association of **Agricultural Librarians &** Do- 062891
of **agriculture** along middle **& lower** Volga r- 062157
in designing **agricultural machinery.** 062926
for testing **agricultural machinery.** 071470
A look at some **agricultural machinery** in E- 071537
power indicators for **agricultural machinery** 071604
its effect on **agricultural machinery** industry 071615
Exhibition of **Agricultural Machinery**]. 071616
Agricultural machinery use in France. 071650
services of state **agricultural machinery** cent- 071702
Proper use of **agricultural machines.** 072164
introduction of new **agricultural machines.** 071513
in experiment forest of **Main agricultural** U- 071707
peat land: Hydro-**agricultural management** of 066379
Economic Community] **agricultural market-** 068994
Establishment of **agricultural marketing** boa- 062635
State trading, **agricultural marketing** boards 062611
System approach **& agricultural marketing** in 062764
Evaluation of **agricultural marketing** systems 062786
Bibliography on "**Agricultural marketing** in 062787
Stabilization of **Agricultural Markets,** animal 062792
Forging process in **agricultural mechanics** 1. 062532
Mechanised agriculture in prospect. [India] 071682
Agricultural mechanization using farm own 071563
orientations of **agricultural mechanization.** 062442
Process of **agricultural mechanization &** use 071515
Machines for **mechanizing agricultural** recl- 071526
of Veterinary **Medicine--Agricultural** Univer- 071590
labor productivity in **agriculture** of **member** 065368
Modern agriculture--fact vs. fantasy. [Outlo- 062398
for development of **agriculture** in **Mongolian** 062982
of importance on **mutual agricultural** policy 062950
Related instruction for **nonfarm agricultural** 062837
European Confederation of **Agriculture, Oct.** 062148
Research **&** you. [**Ohio Agricultural** Resear- 062163
Guiding **agricultural operations.** [Manageme- 062197
Optimal agricultural utilization of biosphere 062446
1972--1973 **Agricultural outlook.** 072563
Scottish **agriculture--output &** expenditure. 063017
Himiachal Pradesh, **phenominal agricultural** 062825
as suitable for **agricultural planning** in Puer- 062896
Intensification of **agriculture & plant** protec- 072446
062936

What is offered to **agriculture** by **Plant** Bre- 067321
Research Institute for **Agricultural Plant** Cu- 068755
requirements of useful **agricultural plants.** 067682
Agricultural policy & advisory service in agr- 062136
Rural sociology **& agricultural policy.** [Belg- 062208
Agricultural policy & advisory service in agr- 062835
Simplified **agricultural policy.** [Austria]. 062836
of importance on mutual **agricultural policy** 062837
Direction of **agricultural policy** of European 062838
an information basis for **agricultural policy.** 062847
is irrational in today's **agricultural policy?** 062870
Organizational aspects of **agricultural policy** 062920
Agricultural policy of Afghanistan--fundama- 062922
for CAP. [Common **Agricultural Policy**]. 062944
years of successful **agricultural policy.** 063009
important tasks of **agriculture** in **Poznan** pr- 062973
Uttar **pradesh agriculture:** a retrospection. 062175
Present agricultural economic situation in El 062162
Production costs of **primary agricultural** pr- 062604
land changes in **agricultural problem** areas. 062236
Agricultural problems of least developed co- 062287
Resolving **agricultural problems** by maneuve- 062729
for measuring size of **agricultural produce.** 063294
progress in **agricultural production?** 062206
of development of **agricultural production** on 062249
based on **agricultural production.** 062254
Organization of **agricultural production** on s- 062419
Organization of **agricultural production** as s- 062421
expenditures for **agricultural production.** 062514
Development of **agricultural production** in 062839
development of **agricultural production** in A- 062924
Areas of **agricultural production** in Afghanis- 062925
Potential of **agricultural production** in Shad- 062937
Environmentalizing **agricultural production** 062940
Growth of **agricultural production** is necessa- 062972
intensification of **agricultural production** of 066100
in industrialized **agricultural production.** [P- 070311
in increasing **agricultural production** in 70s. 072036
of fertilizers in **agricultural production.** 072214
of intensification of **agricultural production.** 072439
Environmentalizing **agricultural production** 072560
Czechoslovakia. [**Agricultural productivity**]. 062243
costs of primary **agricultural products** in sta- 062604
product procurement. [**Agricultural products** 062652
Exports of **agricultural products** in United S- 062732
a case study. [**Agricultural products**]. 062791
Prospects of exporting **agricultural products** 062979
Aspergillus flavus, **agricultural products**]. 063028
on contracting **agricultural products.** 069848
United States. [**Agricultural programs**]. 062864
Pradesh, phenominal **agricultural progress.** 062896
improvement of **agricultural prroducts.** 24. 062612
of pesticides in **agriculture & public** health in 070728
Recent agriculture in Netherlands. 062196
for mechanizing **agricultural reclamation** op- 071590
engineering in **agricultural reform** in Japan 062413
Radiation analysis in **agricultural reseach &** 062178
Considerations on **agricultural research &** e- 062172
Agricultural research. [India]. 062177
Federal Station of **Agricultural Research,** L- 062187
you. [Ohio **Agricultural Research &** Develo- 062197
division of ARS. [**Agricultural Research** Ser- 062695
esculentus) at **Agricultural Research** Institu- 069076
collections of Indian **Agricultural Research** 071286
Resolving agricultural problems by maneuve- 062729
years of Socialist **agricultural science.** 062227
Tasks of **agricultural science** in Kazakhstan 063018
Agriculture in **Scotland.** 062192
Scottish agriculture--output & expenditure. 062825
method of communal **agricultural service.** 062204
development of **agriculture** in **Siberia** & Sov- 063000
Simplified agricultural policy. [Austria]. 062836
Reorganization of **agricultural social** insura- 062137
Twenty years of **Socialist agricultural** science 062227
methods in **agriculture** by means of **soil** ma- 070114
years of development in **Soviet agriculture.** 063010
Planned services of **state agricultural** machi- 072164
countries & United **States agriculture.** [Pro- 062765
Agricultural statistics, 1973. I. 062802
Agricultural statistics, 1973. II. 062803
Costs & benefits of **subsidizing agriculture.** 062846
of USSR: 50 years of **successful agricultural** 063009
Carer education: **supervised agricultural** exp- 062145
Statistical accounting of **Swedish agriculture** 062826
Systematic agriculture. 062325
of Nuclear Methods in **Agriculture**--its **tasks** 062198
Chemicalization of **agriculture & tasks** before 063205
your summer program? [**Agriculture teachers,** 062143
in EEC. 1. **Agricultural techniques.** 068628
Some **agricultural-technologic** recommendat- 064057
Acquisition of **agricultural technology:** its de- 062256
instrument for **testing agricultural** machinery 071537
cattle research in **Texas,** 1972 **agricultural** e- 064210
Role of **agricultural trade** during economic 062767
State **trading, agricultural** marketing boards 062764
trends of **agricultural transports.** 071540
Economic use of **agricultural trucks.** 071534
transport situation on **Unified Agricultural** 062488
production in a set of **Unified Agricultural** 062801
Technology of **Agricultural University** in W- 063427
Veterinary Faculty-- **Agricultural University** 065360
Medicine--**Agricultural University** of Wrocl- 065368

forest of Main **agricultural University** near 066379
sulphur requirements of **useful agricultural** p- 067682
Agriculture of USSR after production failure 062980
Agriculture of USSR after production failure 062981
on nitrogen in **agriculture** in **USSR.** 067399
Optimal **agricultural utilization** of biosphere 072563
of problem in **agriculture** of **utilization** of sl- 072591
Problems of **agriculture** in **Volga** region. 062182
in development of **agriculture** in **Volga-Akht-** 062929
electrification of **agriculture** in **Volga** region 071461
mechanization of **agriculture** in **Volga** region 071592
water: implications for **agricultural & water** 062939
Agriculture in **Western** Rajasthan. 062168
Agriculture in **Yugoslavia.** [Statistics]. 062794

AGRILUS

Agrilus biguttalus F. (Coleoptera, Buprestid- 071174

AGRIOTES

for a sex attractant in **Agriotes lineatus** (L.) 070837
Parasitism of **Agriotes obscurus** Linneaus (071033

AGROBACTERIUM

accumulation in **Agrobacterium tumefaciens** 069587

AGROBIOLOGY

Agrobiological & chemico-technological stud- 068816
Physiological **& agrobiological indices** of hi- 068477

AGROCHEMISTRY

Soil-**agrochemical aspects** of study of micro- 071899
as conducted at **Agrochemical Center** of Qu- 072025
Fertilization catalog of **agrochemical centers** 072028
Agrochemical conditions for obtaining high 072129
Ostrava from **agrochemical & physiological** 072597
computer system of **agrochemical service** of 062390
grain crop yields by **soil-agrochemical** zones 072121

AGROMETEOROLOGY

Agrometeorological conditions of Volga regi- 062183

AGROMYZIDAE

Cerodontha Rond. **(Diptera, Agromyzidae).** 071299

AGRONOMISTS

of plant protection **agronomists, agricultural** 069783
control in cereals-an **agronomist's point** of v- 070028

AGRONOMY

variability in some **agronomical & botanical** 067135
durum wheat: i. **Agronomic characteristics.** 067102
on pedological **& agronomical characteristics** 068258
effects on some **agronomic characters** in corn 067094
Heritabilities of some **agronomic characters** 067110
studies on yield **& agronomic characters** in 068731
on yield & other **agronomic characters** of Vi- 069213
Basis for **differentiated agronomic** techniques 068715
Agronomic & pedologic study of soils of pe- 071898
cotton in Uganda. I. **Agronomic & spraying** 070324
Agronomic techniques for red clover grown 068763

AGROPYRON

of two nitrogen sources. [**Agropyron**]. 072115
of glyphosate **against Agropyron** repens. [C- 069982
plants. [Puccinellia **capillaris, Agropyron** el- 072301
Host) Beauv. **& Agropyron elongatum** (Host 067890
Puccinellia capillaris, **Agropyron elongatum,** 072301
in grass genera **Agropyron gaertn. &** Elymus 067890
A study of **growth Agropyron** repens (L) Be- 069989
Elymus L. I. **Agropyron intermedium** (Host 067890
Apples, Pratylenchus **penetrans, Agropyron** 069910
growth of four clones of **Agropyron repens** 067464
Pratylenchus penetrans, **Agropyron repens**] 069910
on nursery stocks. [**Agropyron repens,** cont- 069977
of glyphosate against **Agropyron repens.** [C- 069982
A study of growth **Agropyron repens** (L) Be- 069989
regulators in control of **Agropyron repens.** 069996
Cirsium arvense, Rumex, **Agropyron repens,** 070037
Growth of **Agropyron repens** seedlings in ce- 070072
terbacil for control of **Agropyron repens** (co- 070086
couchgrass herbicides. [**Agropyron repens**]. 070089
of natural infestation of **Agropyron repens** 070094
derivatives in control of **Agropyron repens** 070095
of TFP **&** NC 8438 on **Agropyron repens.** 070096
on dominance in **Agropyron repens** L. Beauv 070103
Control of **Agropyron repens** in grain fields. 070121
weed problem. [**Agropyron repens**]. 070169
weeds. [Cirsium arvense, **Rumex, Agropyron** 070037

AGROSTIS

bent cultivars, 1971-2. [**Festuca, Agrostis**]. 068835
of Agropyron repens **& Agrostis gigantea** in 070094
L., Holcus lanatus L. **& agrostis vulgaris** Wi- 066978

AGROTECHNOLOGY

Contribution to winter **barley agrotechnique** 068878
Agrotechnical complex on peat soils. 072337
On **agrotechnics** of **growing** Pinus seedlings 066394
of factors of **agrotechnique** of **lucerne** grown 068876
Agrotechnical procedures for improving qual- 068701
Agrotechnical significance of crops preceding 068870

AGROTIS
granular 4-percent Lindane **against Agrotis** 070262
of healthy individuals of **Agrotis segetum** Sc- 070963
control of cutworm (**Agrotis ypsilon** Rott.) 070337
Phenology of **Agrotis ypsilon** & Barathra br- 071107

AIR
Air-borne rust inoculum over western Cana- 069286
Nutritive value of **air-classified** rapeseed fra- 064657
Basic principles of **clean air** programme of 072613
Cold air vegetation in Waagtal (Schwyz). 066911
Automatic controls for **cold air** hay drying. 071662
Guide & data for greenhouse **air conditioning.** 071468
irrigation on heat & water-**air conditions** of 072465
Variation in soil water & soil **air contents** a- 071850
Moisture & volume changes of **air dried** wo- 066525
Detecting & **evaluating air** pollution damage 066158
for controlled introduction of **fresh air** into 063936
Guide & data for **greenhouse air** conditioning 071468
Automatic controls for cold **air hay** drying. 071662
parameters of tobacco dryer with **air heated** 071675
of automatically regulated hot **air heating** on 071442
made from grass dryed with **hot air.** 064873
A study of automatically regulated **hot air** h- 071442
Research into influence of **air humidity** on t- 065424
by temperature & relative **air humidity.** [Lol- 068207
in forests by an increase in **industrial air** po- 066138
Heat loss due to **air infiltration** of heated g- 071468
System for distribution of in-**let air** in tract- 071632
Reaction of livestock body & **air medium** of 064143
of soil sterilisation with steam-**air mixtures** 068462
Pollution measurements for **monitoring air** in 072612
Use of **air photos** for supervision of forest c- 066279
Leaf age & **air pollutant** susceptibility: upta- 069781
of protective forests for **air pollution** control 066096
by an increase in industrial **air pollution** dur- 066138
of nature protection in **air pollution** control. 066148
white pine in east Tennessee. [**Air pollution,** 066154
Detecting & evaluating **air pollution** damage 066158
Air pollution for plants--problems of emissi- 069802
Air pollution--enemy of plants. 069813
of protective forests for **air pollution** control 072526
Air pollution in New Zealand. 072573
by an increase in industrial **air pollution** dur- 072601
Basic principles of clean **air programme** of 072613
grass affected by temperature & **relative air** 068207
Citrus harvest results with **air shaker** conce- 068961
Variation in soil water & **soil air** contents a- 071850
Summary of **state air** & water quality statut- 072566
Effects of soil sterilisation with **steam-air** m- 068462
Air temperature, heat sums, & pollen shedd- 068532
Cold **air vegetation** in Waagtal (Schwyz). 066911
Air & vegetation pollution by industrial sm- 072585
Change of leaf dimensions & **air volume** with 068119
of overhead irrigation on heat & **water-air** c- 072465

AIRCRAFT
conventional applications. [**Aircraft**]. 071511
pressurized spray system for C-47 **airplanes** 071549
particularly when using **agricultural aircraft** 069786
Aircraft in **agriculture**--is use economical? 062545
guidance system for **aircraft** used to **apply** b- 070238
Say) by ultra low volume **aircraft treatment** 070256

AIRPORTS
for protecting **orchards, airports** & other ob- 069750

ALACHLOR
vegetables using **granular alachlor** & propac- 070049
Tolerance of **alachlor** in **winter** rape depend- 070132

ALAR
Effect of **Alar** in **partial** crown treatment. [068479

ALATA
SEE MOLLUSKS

ALBIMANUS
SEE MOLLUSKS

ALBINO
DDT deposited in omentum of **fasting albino** 070740

ALBUMINS
Study of **albumin fraction** of seeds of some 067713
hormone: inteference by **ovine albumin.** 064309

ALCOHOL
Metabolism of **allyl alcohol** in Trichoderma 067663
acyl groups & nature of some **amino alcohols** 067502
Alcohol analysis by gas chromatography. III 064007
profession of exporter. [**Alcoholic beverages**] 062780
future production of **dietetic alcohol** free be- 063303
of epikhusinol, a new **sesquiterpene alcohol** 067611
determination of sugars & **sugar alcohols** in 063326

ALDEHYDES
of peas. Formation of **volatile aldehydes** from 064034

ALDERFLY
Immature stages of **alderfly, Sialis** cornuta 071154

ALDERS
Evaluation of knots in **black alder** (Alnus gl- 066539

ALDRIN
Influence of **aldrin, dieldrin** & heptachlor c- 070352
Aldrin, dieldrin & heptachlor persistence in 070460

ALEURONE
Aleurone vacuoles & spherosomes in endosp- 067828

ALEYRODIDAE
crops in 1972. [**Aleyrodidae, tomatoes**]. 070491

ALEYRODOIDEA
Baerensprung) (**Homoptera, Aleyrodina**) wi- 071098

ALFALFA
lucerne preserved in various ways. [**Alfalfa**] 064841
in mineral elements content of **alfalfa** (Med- 067897
dehydrogenase in Medicago sativa. [**Alfalfa**] 068131
quality of green mass & hay of **alfalfa.** 069706
Studies on arthropod fauna of **alfalfa.** IV. S- 070313
Studies on arthropod fauna of **alfalfa.** V. Sp- 070314
virulence of Rhizobium melioti. [**Alfalfa**]. 071951
offers hopes for higher income. [**Alfalfa**]. 072367
Alfalfa breeding. 067353
Species crosses in **alfalfa breeding** at Ultuna 067365
Aspects of reproduction in **alfalfa caterpiller** 071012
Seed culture of **alfalfa & clover.** [Poland]. 068761
Ditylenchus dipsaci. [Red **clover, alfalfa**]. 069905
of insect & mite pests of **alfalfa, clover, &** g- 070410
economic traits of varietal **alfalfa collection** 068858
shoot for high protein in your **alfalfa crop.** 064060
layer by fertility with an **alfalfa crop.** 071924
formalin on quality of direct-**cut alfalfa** silage 064047
of organic acid in direct--**cut alfalfa** silage. 064048
of cocksfoot & lucerne. [**Dactylis, alfalfa**]. 064064
in sperm of rabbits after **alfalfa feeding.** 064588
in population of Arthropoda in **alfalfa field** 070359
two valuable pollinators of **alfalfa grown** for 070699
Yield of **alfalfa hay** increased by control of 069879
in harvesting & **keeping alfalfa** for hay & h- 064107
inhibition of photosynthesis in **alfalfa leaves** 067972
a nuclear polyhedrosis virus of **alfalfa looper** 070937
Spread of **alfalfa mosaic** virus on different l- 069670
Foliage diseases of **alfalfa** in **northern** Saska- 069283
On **alfalfa seed** culture in relation to irrigat- 068722
of organic acid in direct--cut **alfalfa silage.** 064048
On causes of thinning in **alfalfa stands.** 069914
of electrical impedance of **alfalfa tissue.** 067927
Creation of new varieties of **alfalfa** in **USSR** 067304
features & economic traits of **varietal alfalfa** 068858
Alfalfa variety testing. 068641
Beekeeper & **alfalfa weevil** control program. 070307
Effects of insecticides on **alfalfa weevil** (Hy- 070354
Control of **alfalfa weevil** in Oklahoma. [Hy- 070368
devise rapid screening test for **alfalfa wilt.** 069599

ALGAE
Competitive aspects in **algae.** 067468
Algae of **Allen** Forest Lake, Kanpur, India. 066754
Benthic algae in water of Neouvielle Massif 066619
of a new genus of **calcareous algae** of "Spar- 066812
Calcareous algae (Corallinaceae) of Middle 066814
organic calcium fractions in **calcareous alga** 067623
S RNAs in unicellular green **alga Chlorella** 067449
Algae of **Cho**-Oyu (E. Himalayas) expedition 066763
of environmental factors on **algae count** in 067400
floristic composition of **algae** in **cultivated** s- 071729
in some calcium carbonate **depositing algae** 067623
semiroutine method for **determining algal &** 067474
larvae on Oedegonium **algal filaments** in Gh- 070939
Blue-green **algal flora** of Ragasthan. 066764
New & rare species of **algae** for **flora** of Geo- 066811
factors on distribution of **freshwater algae:** 067639
factors on distribution of **freshwater algae:** 067641
with emphasis on **freshwater algae** & Proto- 066825
taxonomic positions of **algal genus** Porphyri- 066761
Blue-**green algal** flora of Ragasthan. 066764
of chloroplast thylakoids of **green alga** Ooc- 066989
Phylogeny of **green algae:** a new proposal. 067118
pathway of rRNA in blue-**green algae** (Anac- 067425
cytological chemistry of blue-**green algae.** 067435
S RNAs in unicellular **green alga** Chlorella 067449
dehydrogenase activity in blue-**green algae.** 067630
Carotenoids of blue-**green algae.** significance 067865
development of a new **alga, Haloplegma** an- 067017
studies on parasitic red **alga Holmsella.** [Gr- 067012
evolution in **algae** under **illumination.** 067844
persistence of annual **intertidal alga,** Postels- 067561
Marine algae of Smithsonian-Bredin expedit- 066769
Gibbins larvae on **Oedegonium algal** filamen- 070939
thylakoids of green **alga Oocystis** marssonii 066989
substances of thermophilic **alga Plectonema** 067581
of annual intertidal **alga, Postelsia** palmaefo- 067561
taxonomic survey of **protococcal algae** in se- 066746
of chloroplast envelope of a **red alga.** Bangia 067032
physiological studies on parasitic **red alga** 067012
on taxonomy of some **algae** from **Shallow** B- 066717
On substances of **thermophilic alga** Plecton- 067581
Toxigenic algae. [Chrysophyceae, Dinophyc- 067601
Some **trentepohliaceous algae** from Carnarv- 066788
by some planktonic fresh **water algae.** [Chl- 067467

ALGICIDES
Cupric Sulfate Anhydrous] **algicide doses** u- 070680

ALIMENTARY
Nematode parasites of **alimentary canal** of 065623
Studies on **alimentary canal** of Odoiporus l- 071092
Canine alimentary neoplasia. 066012
of hippocampus on **conditioned alimentary** r- 064248
in food rations & **alimentary products** by us- 063450
restriction & subsequent **re-alimentation** on 064712

ALISMATACEAE
ecotype differentiation of **Sagittaria.** 066853

ALKALI
viscoses. 1. Influence of **alkali concentration** 066520
Alkali soils & Solonetz soils. 071719
yield bumper crops. [Saline **soils, alkali** soils 072280

ALKALINE
Acid-alkaline balance in White Rock chicke- 064559
Water-electrolyte & **acid alkaline** balance in 066009
Formation of **alkaline & acid** regions at surf- 067646
method using **alkaline hydrolysis.** [Food]. 063437
Enzymatic activity of **alkaline phosphatase** 064527
its hosts: **alkaline phosphatase** & beta-glucos- 067457
Activity of **alkaline phosphate** in mucuous 064545
Alkaline proteinase from Cephalosporium sp 067657
*** 067659
acids, of glucose & on **alkaline reserve** in T- 064244
loss resulting from an **alkaline soaking** proc- 063758
culture of saline to **alkaline soils** at Souteyr- 072259

ALKALOIDS
evaluation of **alkaloids** from **Argemone** mexi- 067807
Murrayazolinine: a **carbazole alkaloid** from 067488
a new **carbazole alkaloid** from Clausena indi- 067610
X. 1. New **alkaloid** from **Catharanthus** longi- 067851
acid on amount of **alkaloids & chlorophyll** in 067712
of lupine for feed & its **alkaloid content.** 068194
New **corynanthe alkaloids** from Strychnos a- 067537
Alkaloids of **Delphinium** grandiflorum. 067535
Alkaloids of **Elaeagnus** angustifolia. 067532
Effect of **alkaloids, ephedrine** & nicotine on 069725
chromatography of some **ergot alkaloids.** 067636
Production of **ergot alkaloids** in vitro by Sp- 067666
Biosynthesis of **ergot alkaloids.** [Claviceps]. 067792
amino alcohols in native **ester alkaloids** of g- 067502
Datura innoxia Mill. & **alkaloid formation.** 067805
actions of an **alkaloidal fraction** from Cardi- 067618
Accumulation of **alkaloids** in **Fumaria** offici- 067722
accumulation of **alkaloids** in an **interspecific** 067808
delta 14-vincamine, new **isolated alkaloid** of 067856
Dynamics of amount of **alkaloids** in **Linaria** 067809
examination of **alkaloid localization** in vege- 067395
Crobarbatine, a new **pyrrolizidine alkaloid** of 067571
of scopolamine & **related alkaloids.** 067700
Alkaloids of **Senecio** vernalis W. K. 067823
Solanum alkaloids: biosynthesis & inhibition 063122
rotatory dispersion of **sparteine alkaloids.** 067534

ALKYL
phosphonates. II. influence of **O-alkyl group** 068093

ALKYLISOTHIOURONIUM
SEE ISOTHIOURONIUM

ALLATUM
control of functioning of **corpus allatum** in 070917
mori. XIV. Function of **corpus allatum** hor- 071397

ALLELE
of serum transferrin & **hemoglobin alleles** in 064980
Genetics of rose, an **allele** of **white** locus in 070912

ALLERGY
Studies on **allergy** during **course** of Aujeszky 065701
A case of **allergic diagnosis** of bovine tuberc- 065672
Allergic diagnosis of pullerum disease in chi- 065726
Milk allergy. 063251
Tulip allergens in Alstroemeria & some other 066771

ALLETHRIN
Efficacy of insecticide d-**trans-allethrin.** 070239

ALLIUM
diethylmorpholinium chloride] & **CEPA** [(2 068209
on keeping quality of onions (**Allium cepa** L 063880
dry matter content of onions (**Allium cepa** L 063893
in two onion species (**Allium cepa** L. And Al- 067049
effects of Benlate fungicide on **Allium cepa** 067292
in meristematic root tip cells of **Allium cepa** 068360
effects of Benlate fungicide on **Allium cepa** 069394
steroid sapogenin from **Allium giganteum.** 067528
bolting in leeks (**Allium porrum** L.). 068415
Causes of sterility in **Allium sativum** L. [Ga- 068287

ALLOMYCES
epihyphal rhizoids in **Allomyces arbusculus.** 066977

ALLOPHANE
procedures for **allophanic** & non-**allophanic** 071835

ALLOSTERIC
nature & affinity labeling of **allosteric site.** 064317

ALLUVIAL
typhoides) on grey **brown alluvial** soil & arid 072088
for potatoes cultivated on **Jiu alluvium** of ce- 072470
mineralogy of **Kolkhida alluvial** soils. 071873
Contributions to study of **alluvial soils** from 071933

ALLYL
Metabolism of **allyl alcohol** in Trichoderma 067663

ALMONDS
Almond moth, Cadra cautella (Walker) (Ph- 070580

ALNUS
diol from **Alnus fruticosa** & Alnus manshuri- 068528
of knots in black alder (**Alnus glutinosa** L. 066539
Alnus glutinosa f. floribunda. 066808
of atomspheric nitrogen in **Alnus glutinosa** L 068513
excelsa, Pinus silvestris, **Alnus glutinosa** & 068541

ALOE
A new variety of **aloe** [krapohliana] from N- 066721
Aloe chlorantha: a new species from South 066724
Three choice **Madagascan Aloes.** 066671

ALOPECURUS
used primarily **against Alopecurus** myosuroi- 069993
term control of **Alopecurus myosuroides** in 069994
Blackgrass(**Alopecurus myosuroides** Huds.) 070040
Control of **alopecurus myosuroides** by mech- 070064
Chemical control of **Alopecurus myosuroides** 070066
control of **Alopecurus myosuroloes** in winter 070062
pratensis Huds., **Alopecurus pratensis** L., H- 066978

ALPINE
carnea L.) in French part of **Alpine arc.** 066660
ecological observations in **alpine belt** of Afg- 066833
groupings of Acrididae in **semi-desert alpine** 070975
hypolithion) in some **alpine habitats** at Finse 071257
Principles for reforestation of **inner Alpine** 066400
of etiology of young cattle in **alpine pasture** 064258
of sheep poisoning in **alpine regions.** 066058

ALSIKE
Comparison of red clover & **alsike clover** in 068854

ALTERNARIA
Alternaria [tenuissima] leaf spot of taro fr- 069375
A new **Alternaria** [alternata] blight of Datu- 069377
pathogenicity of **Alternaria alternata** conidia 069509
Epidemiological studies on **Alternaria blight** 069354
fruit drop in sweet orange. [**Alternaria citri,** 069362
fungi. [Fusarium **culmorum, Alternaria** tenuis 069425
to black spot disease **fungus, Alternaria** kik- 069398
power. [Disease **resistance, Alternaria**]. 069427
early blight in potatoes. [**Alternaria solani**] 069235
acid analogues. [**Alternaria tenuis**]. 067416

ALTICA
Two **Haltica species** new in Central Europe 071233

ALTICIDAE
Coleoptera, **Phytophaga, Alticidae.** 071341

ALUMINUM
in pea resistance to toxicity of **aluminum.** 068333
of drying & wetting **extractable aluminum** in 071781
Aluminum hydroxide effects on wastewater 072615

ALYSICARPUS
seed dimorphism in **Alysicarpus monilifer** 067642

AMARA
Amara species of subgenus **Zezea Csiki** acco- 071227

AMARANTHUS
A modified **Amaranthus betacyanin** bioassay 067778

AMARYLLIDACEAE
Amaryllis & other **amaryllids.** 066786
Experiences with **amaryllids,** 1971-1972. 069122
Bolivian amaryllids. 066783
year book, 1973; general **amaryllid ed.** 069114
Growing amaryllids in north Florida. 069116
In quest of **miniature amaryllids.** [Australia] 069120
Amaryllids in **Portugal.** 066778

AMARYLLIS
Amaryllis & other **amaryllids.** 066786
Amaryllis calyptrata ker-gawler. 066781
Growing Amaryllis from seeds. 069117
Role of triploids in **Amaryllis hybridization** 067330
Breeding for yellow **Amaryllis hybrids.** 067329
Aseptic culture of **Amaryllis ovules** & tissues 068438
Amaryllis traubii forma doraniana. 066780
Amaryllis year book, 1973; general amaryllid 069114

AMIDES
hydroxide]-**amide flame** retardant to cotton 063841
tris (hydroxymethyl)phosphine]-**amide flame** 063195

AMINES
pre-emergence applications of 2,4-D-**amine.** 070224
Effect of **monophenolic amines** on glycogen 070889
Studies on **secondary amines** in foods. I. M- 063349

AMINO
Chemical composition, **amino acid** content 063226
Protein content & **amino acid** balance of y- 063266
Amino acid homeostasis in gut lumen & its 063278
Amino acid composition of meat of young h- 063670
methods on free & bound **amino acid** conten- 063875
Amino acid composition of wines prepared u- 063995
Localization of **amino-acid** substitutions diff- 064297
Evidence for **amino acid** sequence of porcine 064312
Isolation & **amino-acid** sequence of C-peptide 064359
reinvestigation of N-terminal **amino acid** se- 064366
development. II. Promotion of **amino acid** i- 064375
involved in branched-chain **amino acid** cata- 064441
Amino acid composition of swine blood in re- 064534
of DL-methionine on free **amino acid** content 064624
Chemical composition, **amino acid** content 064628
Amino acid composition of swine blood in re- 064891
clavatus: Purification & **amino acid** composit- 067405
effectiveness of several d-**amino acid** oxidases 067545
from Cephalosporium sp. IV. **Amino acid** c- 067658
mechanism in Lemna. I. **Amino acid** changes 067757
Use of comparative **amino acid** sequence data 067789
Amino acid composition of water soluble pr- 068075
Amino acid metabolism in plants. IV. Kinet- 068296
Amino acid content of fruit & green mass of 068509
ultraviolet] radiation-induced **amino acid** def- 069352
Investigation of free **amino acid** metabolism 070809
Amino acid compositions of cytochrome C f- 071043
Amino acid nutrition of silkworm, Bombyx 071400
effectiveness of several d-**amino acid** oxidases 071764
On content of **amino acids** in beet molasses 063776
Studies on metabolism of free **amino acids** 063971
On content of **amino acids** in date syrup fr- 063988
Change of **amino acids** in grape juice during 064005
Partial sequence of **amino-acids** in procine 064332
Assimilation of crystal **amino acids** in digest- 064493
In vitro studies on secretion of **amino acids** 064573
Resorption of non-replaceable **amino acids** in 064574
day in concentrations of free **amino acids** in 064623
Nitrogen & **amino acids** levels in coecotrop- 064627
Influence of set of **amino acids** contained in 064635
Performance & plasma **amino acids** of steers 064742
incorporation of radioactive **amino acids.** 064785
Exchange of **amino acids** in Brucella when 065808
amount of non-interchangeable **amino acids** 067222
Uptake of **amino acids** by Saprolegnia. 067708
Comparative investigations on **amino acids** f- 067846
Effect of sulfur on yield & **amino acids** of s- 067938
fertilizer on yield, protein & **amino acids** of 068036
of water, inorganic ions & **amino acids** in y- 068098
of amino acids in fruits: **amino acids** in ban- 068359
Free **amino acids** of Karelian birch. [Betula 068557
Free **amino acids** in potatoes infected with v- 069739
Amino acids in clay-humic acid complex fo- 071794
Biosynthesis of branched-chain **amino acids** 067631
acyl groups & nature of some **amino alcohols** 067502
processing methods on free & **bound amino** 063875
enzymes involved in branched-**chain amino** 064441
Biosynthesis of branched-**chain amino** acids 067631
Biosynthesis of branches-**chain amino** acids 067632
Use of **comparative amino** acid sequence data 067789
Chemical **composition, amino** acid content 063226
Aminoacid compositions of oilseed protein. 063789
Assimilation of **crystal amino** acids in digest- 064493
Studies on metabolism of **free amino** acids 063971
during day in concentrations of **free amino** 064623
amounts of DL-methionine on **free amino** ac- 064624
Free amino acids of Karelian birch. [Betula 068557
Free amino acids in potatoes infected with v- 069739
Investigation of **free amino** acid metabolism 070809
experiments with kinetin, 6-**furfuryl-amino-** 067755
of UV [ultraviolet] radiation-**induced amino** 069352
to amount of non-**interchangeable amino** aci- 067222
to increase free alpha-**amino-nitrogen** conte- 063310
Performance & **plasma amino** acids of steers 064742
with kinetin, 6-furfuryl-**amino-purine.** 067755
III. incorporation of **radioactive amino** acids 064785
Resorption of non-**replaceable amino** acids in 064574
reinvestigation of N-**terminal amino** acid se- 064366

AMINOBUTYRIC
of glutamic acid & gamma-**aminobutyric acid** 063971

AMINOLAEVULIC
compounds into delta-**aminolevulinic acid** by 068262

AMINOPEPTIDASES
carbon dioxide +] **activated aminopeptidase** 067431
Leucine aminopeptidase polymorphism in g- 066633

AMINOTRANSFERASES
oxidase & **glyoxylate aminotransferases** in b- 067998
with a **multispecific aminotransferase** purifi- 068296

AMITROLE
control in forest plantations by **amitrol.** 070164
Amitrole against weeds in oats. 070211
treated with **aminotriazole & paraquat.** 069987

AMMONIA
of fertilizer mixtures with an **ammonia** base 072124
Interactions of **anhydrous ammonia** & organ- 063826
Use of **anhydrous ammonia** in rice (Oryza s- 072076
determination of **ammonia** in **animal** quarters 065340
with special regard to **ammonia** in **boxes** of 071443
by **ammonia** in **Chlamydomonas.** 067771
nutritional evaluation of **ammonia & ferrous** 064688
Ammonia fixation of THPOH [tetrakishydr- 063843
Ammonia formation in rumen of sheep fed 064841
of inclusion complexes by **liquid ammonia** tr- 063833
Liquid ammonia & nonaqueous solutions of 063840
with metallic sodium in **liquid ammonia.** IV. 066491
Story behind **liquid ammonia:** semimanufact- 072165
of PAL [phenylalanie **ammonia-lyase**] activi- 063972
course of removal of **ammonia & nitrogen** di- 071723
nitrite, & **ammonia** on **photosynthesis** by Ac- 067477
Urea in blood & **ammonia** in **rumen** during f- 064920
their synthesis by **ammoniacal silver** reaction 068360
Patterns of **ammonia volatilization** from a f- 071863
Feeding plants with **ammonia water** through 067870
in mixes & composts with **ammonia water.** 072189

AMMONIFICATION
on a base of **ammoniated superphosphates.** 072126

AMMONIUM
salt solution containing **ammonium acetate** 064619
ratoon of sugarcane to **calcium ammonium** n- 068041
of corn preserved with **ammonium chloride** 064747
chloroethyl) trimethyl-**ammonium chloride** 068103
of various forms of **ammonium fertilizers** wi- 071978
urea + acetyl urea + **ammonium hydrogen** 064631
salts due to addition of **ammonium ions.** 069984
Effect of **ammonium molybdate** on yield & 068064
foliar application of **ammonium nitrate** to w- 068044
top dressing of urea & **ammonium nitrate** to 072222
Use of **ammonium salts** in feeding chicks rai- 064750
after application of **ammonium sulphate** to g- 071741
glucose on nitrate & **ammonium uptake** from 067573

AMORPHA
Stepwise hydrolysis of amorphin. [**Amorpha** 067511

AMORPHOPHALLUS
disease on **Amorphophallus campanulatus.** [069584

AMPHETAMINES
kinetics of **amphetamine** in **ruminant** animal 064300

AMPHIPLOIDS
on tumorigenesis in a **Nicotiana amphiploid** 067482

AMPHIPYRINAE
Lepidoptera, **Noctuidae, Amphipyrinae.** 071133

AMPHOTERIC
of a dog: its treatment with **amphotericin** B 065719

AMPICILLIN
Ampicillin administered to calves & baby pi- 065633
distribution of **ampicillin** in **chick** body. 065852

AMPROL
Amprol plus with or without **Payzone** in bro- 065600

AMSACTA
on activity rhythms of **Amsacta moorei** Butl- 070882
with host cell membrane [**Amsacta moorei,** 071066

AMYGDALUS
Study of oils of some species of **Amygdalus.** 067491

AMYLASES
grains by glucamylase & alpha-**amylase.** 067596
Aspergillus oryzae to secrete alpha **amylase** 067716
Genetical aspect of beta-**amylase activities** in 067078
special consideration of **bacteria amylase.** 063701
kinetic method to determine **amylase count** 063325
Amylase isoenzymes at early phases of deve- 067974
Genetic studies on beta-**amylase** isozymes of 067153
Control of formation of **amylases & proteas-s** 068451
Alpha-**amylase** in **sweet** potatoes. A compari- 063962

AMYLOID
Generalized amyloidosis in cattle: a report of 065952

AMYLOLYSIS
exogenus urea on **amylolytic & proteolytic** a- 067786

AMYLOSIS
Solution properties of **amylose acetate**-g-poly 063444

ANABOLIC
Relationship between **anabolic active** ingridi- 064796

concentrations in feed on **anabolic effects of** 064755

ANACARDIUM
of cashewnut (**Anacardium occidentale** L.). 068387

ANACYSTIS
in blue-green algae (**Anacystis nidulans**). 067425
yield of chlorophyll a in **Anacystis nidulans.** 067448

ANAEROBES
Anaerobic digestion of dairy farm slurry. 072515
On problem of **anaerobic enterotoxemia** of 065812
Role of **anaerobic respiration** in adaptation 068599

ANAGASTA
into embryo of its **host, Anagasta** kuehniella 070846
Suitability of eggs of **Anagasta kuhniella** Z. 070849

ANAGYRUS
Establishment of **Anagyrus saccharicola** Ti- 070323

ANALOGS
production of tenuazonic **acid analogues.** [Al- 067416
Use of a juvenile hormone **analogue against** 070245
North **American analogs** of species of woody 066683
triphosphate] **analogs** on low-**angle** X-ray dif- 070805
results by means of an **analogue computer.** 071567
on effects of juvenile **hormone analogues** on 070602
Effects of juvenile **hormone analogues** on m- 070774

ANALYZERS
by means of X-ray **microanalyser electron** m- 067652
content of milk with infrared **milk analyzer** 063509
use of udder health. [Infrared **milk analyzer** 063574
Use of infrared **milk analyzer** for determini- 063575

ANAPHYLAXIS
changes in acute **systemic anaphylaxis** in ca- 065243

ANAPLASMA
agglutination test for **anaplasmosis** in **cattle** 065616
Spread of **Anaplasma ovis.** 065378
On spread of **anaplasmosis** in **sheep.** 065801

ANARSIA
twig borer ecology (**Anarsia lineatella** Zell.) 070895

ANATIDAE
Nutrition of grey goose, **Anser anser,** in sou- 064923

ANATOMY
examinations in teaching of **anatomy.** 065356
Feed utilization & **anatomical adaptation** of 064430
Avian anatomy: integument. I-iI. 064523
on morphology & **anatomy** of **caryopsis** of P- 066731
Anatomy of **caryopsis** coat in mature caryos- 066940
on morphology & **anatomy** of **caryopsis** of P- 067001
Cephalic anatomy of + Clypostemmatinae 070758
Morphological & **anatomical considerations** 066799
farcata in Israel: **anatomical features** of seed 066946
Floral anatomy of Myrtaceae. 1. Syzygium. 066949
in various ecosystems. I. **Leaf anatomical** re- 066916
Morphology & **anatomy** of **leaves** of Bersama 066948
Pyrus communis. **Morphological, anatomical** 067035
in connection with **anatomo-morphological** d- 067041
conditions on **morphological, anatomical** & 067056
Investigations on **anatomy, morphology,** & h- 071098
ecosystems. I. Leaf **anatomical reactions.** 066916
Morphology & **anatomy** of **rhizomes** of some 067051
Fruit morphology & **anatomy** in **Scutellaria,** 067000
tissue on topographic **anatomic sections** with 065214
Anatomic structure of involucre of capitula 066972
Anatomical structure of young growth leaves 066996
determined changes in **anatomic structure** of 066999
Anatomical structure of young growth leaves 068561
Anatomical studies on morphological differe- 064341
on hemolymph ionic & **anatomical studies.** 070808
Anatomical study on relationship between f- 069297
of bone tissue on **topographic anatomic** sect- 065214
Vascular anatomy of node & flower of Hop- 066938

ANAX
oviposition to emergence of **Anax panybeus** 071048

ANCISTROCLADUS
investigation of **Ancistrocladus heyneanus** 067609

ANDIGENA
Studies on tuberization in **Solanum andigena.** 068413

ANDRENA
Apoidea). [Andrea **chersona, Andrena** ponti- 071248

ANDROGEN
Effect of **steroid androgens** on Muellerian d- 064339

ANDROLAELAPS
Androlaelaps benoiti, a new species of mite 071325

ANEMIA
to prevention & therapy of **"foal anemia".** 065605
Equine **infectious anemia:** sensitivity of agar 065445
Studies on **anemia** in **newborn** piglets. 065981
piglet physiological **sideropenic anemia.** 066013

ANESTHESIA
Advances in small **animal anaesthesia,** 1972 065319
Chloroform as an **anesthesia** in a **closed** sys- 065298
Use of ketamine for **dissociation anesthesia** 065315
Anaesthesia in **dog** & cat. 065231
General anesthesia of dog by inhalation. 065224
General anaesthesia with controlled respirat- 065291
as a possible method of **anaesthesia** in **small** 065320

ANESTRUS
hormone or estradiol to **anestrous ewe.** 064350

ANETHUM
linuron on crops of **Anethum graveolens,** cel- 070160

ANEUPLOIDS
in pollen grains of **aneuploid sugar** beet. 067375
Analysis of **aneuploidy** of **wheat.** 067320

ANGELICA
lactone from **Laserpitium archangelica** Wulf 067543
Coumarins of **Angelica pachycarpa.** 067570

ANGIOSPERMAE
of major adaptive radiation in **angiosperms.** 066711
index to pollen morphology of **angiosperms.** 067047
of **Angiospermae** based on **cytological** data. 066931
of **Angiospermatophyte pollens** from Lower 066915
analogs of species of **woody Angiospermae** of 066683

ANGORA
mohair characteristics. [**Angora goats**]. 064562

ANGUINA
growth regulators on **Anguina tritici** infesting 069822

ANHYDROUS
Interactions of **anhydrous ammonia** & organ- 063826
Use of **anhydrous ammonia** in rice (Oryza s- 072076
Effect of CuSo4 [Cupric **Sulfate Anhydrous**] 070680

ANIMALS
Further Etruscan findings. [**Animals**]. 064179
Growth regulation. [**Animals**]. 064388
development of adipose tissues. [**Animals**]. 064481
supplies with iron & copper. [**Animals**]. 064903
reproductive functions of **animals.** VI. Corre- 064985
field of biology of reproduction in **animals.** 065059
of trivetrin in treatment of **animals.** [Cattle, 065269
device for blood collection in **animals.** 065270
Viral teratology. [**Animals**]. 065421
pseudotubersulosis antibodies in **animals.** [065890
Adventurous life of parasites. 2. [**Animals**]. 065904
Treatment of outside skin diseases of **anima-s.** 065965
heat-treated Bacillus cerus culture. [**Animals**] 066051
of chromosomes of higher plants & **animals** 067383
in Konin region & its effect on **animals.** [Li- 072585
Animal acoustic signals & human cries in th- 064567
A biological match: Plants **against animals.** 069894
Experiences on **American animal** raising & 063598
Advances in small **animal anaesthesia,** 1972 065319
Results of ultrasonic live-**animal appraisal** w- 064516
Feed concentrates in **Austrian animal** husba- 064782
Glossina pallidipes of different **animal baits,** 070660
Michigan's fur **bearing animal** industry--now 062966
Diseases of fur-**bearing animals.** 065840
against ringworm of fur-**bearing animals.** 065869
Managing cross-**bred animals.** [Dairy cattle] 064155
assisted instruction in **animal breeding.** 064995
ame to Brno. [Plants, **breeding, animals**]. 065023
information in ranking of **breeding animals.** 065107
of reproduction process in **animal breeding.** 065193
Hygiene problems of **breeding animals** on u- 065335
ame to Brno. [Plants, **breeding, animals**]. 067293
properties of antipyrine on **animal cell** cultu- 064337
Susceptible types of **animals & certain** clini- 065674
of professional training of **communal animal** 064187
on value of feed mixtures **containing animal** 064842
contents of experimental **animal diets** during 064649
to Glossina pallidipes of **different animal** ba- 070660
Australian exotic **animal disease** control pla- 065415
Frequent **animal diseases** & their world wide 065234
in chemoprophylaxis of **animal diseases.** 2. 065651
of benzatcin. [Laboratory **animals, dogs,** cats 065371
Exploitation of **domestic animals,** a source of 064147
Domestic animals & their environment. 064457
of muscle fiber types in **domestic animals.** 064479
Physical characeristics of **domestic animals.** 064485
arylamidase activity in **domestic animals.** 064535
resistance to disease in **domestic animals.** 064925
infectious diseases of **domestic animals** & pr- 065402
control ectoparasites of **domestic animals.** 065571
of Brucella-antibodies in **domestic animals** 065622
between wild & **domestic animals** in case of 065844
on Mycotoxicoses of **Domestic Animals,** New 066016
sex of interphasal cells in **domestic animals,** 064455
Tumors of genital organs in **domestic anima-s.** 065940
free-living & related **domesticated animals.** 066033
of proteins & fatty acids after **donor animals** 064637
Australian **exotic animal** disease control pla- 065415
Newly born pigs as **experimental animals.** II 064568
substance contents of **experimental animal** d- 064649
on body weight gain in **farm animals.** [Cattle 065282
Escherichia coli in man & **farm animals.** 065438
Antibiotic feeding of **farm animals** & resista- 065439
Studies on toxoplasmosis in **farm animals** in 065704
Mycotic diseases in **farm animals** & birds in 065745
organization of labor on **animal farms** by us- 062361
Controversy over relationship of **animal fat** 063270
value of feed mixtures containing **animal fat** 064842
of chlororganic pesticides in **animal fats.** 063202
Studies on **animal fats.** III. Phospholipid c- 063633
of chlororganic pesticides in **animal fats.** 070735
Control of quality of granules in **animal feed** 064085
Harmfulness of rancid fat in **animal feed.** 064802
with cowpea on production of **animal feed.** 068726
Relevance of **animal feeding** trials to human 063256
Some views on **feeding animals** in confined 064775
Wild oats & **animal feedstuffs.** [Avena fatua] 069935
Use of test **animals free** from pathogenic mi- 065334
Frequent animal diseases & their world wide 065234
Influence of **game animals** on distribution & 070661
Quality of diets selected by **grazing animals** 064737
lipid metabolism of **growing animals.** 064386
Protein requirements of **growing animals.** 064702
Mineral requirement of **growing animals.** 064704
Vitamin requirement of **growing animal.** 064705
Research in **animal health** areas will be stre- 065249
Animal health in 1971. 065290
DLG testing of **animal heaters** for rearin pig- 071642
Influence of wild **hoofed animals** on forest r- 066111
Land utilization for **animal husbandry.** 2. 062234
among farms in Finland. [**Animal husbandry** 062437
young farmers & special **animal husbandry** l- 062557
measures on policy of **animal husbandry** (be- 062860
Animal husbandry for nine countries: A part 062873
chemotherapy in **animal husbandry.** 063059
Animal husbandry & problems of forage pro- 064097
Animal husbandry in recreational areas. 064112
Industrial **animal husbandry** from ecological 064138
it? how can one develop **animal husbandry?** 064147
Thoughts expressed on **animal husbandry** in 064156
training of communal **animal husbandry** tec- 064187
of Polish Society of **Animal Husbandry.** 064190
Animal husbandry & problems of forage pro- 064229
Industrial **animal husbandry** & some achiev- 064239
Design of experiments in **animal husbandry.** 064612
concentrates in Austrian **animal husbandry.** 064782
scale mechanization in **animal husbandry.** 071652
Animal hygiene in industrialized swine-raisi- 065273
Industrial animal husbandry from ecological 064138
Industrial animal husbandry & some achiev- 064239
development of **industrialised animal** produc- 065274
in status & development of **animal industry** 062457
of Agricultural Markets, **animal industry**]. 062532
Michigan's fur bearing **animal industry**--now 062966
Functions of **Animal Industry** Division are 064131
factor in progress of **animal industry.** [Lives- 065085
means of eradicating them in **animal indust-y.** 065841
free manure in large-scale **animal industry** c- 072226
Intensive animal production. 064227
of benzatcin. [**Laboratory animals,** dogs, cats 065371
of endocrine glands. [**Laboratory animals,** s- 064249
type rebreathing system for **large animals.** 065354
Results of ultrasonic **live-animal** appraisal w- 064516
for carcass composition of **live animals.** [Cat- 064518
of Salmonella in men & **animals** of **Lomzia** 065560
Effect of aflatoxin in **animals** & in **man.** [Fe- 063218
in food chain (soil x plant x **animal** x **man**). 072584
Salmonella typhimurium in **animal manure** 065380
Long term management of **animal manures.** 072103
of Agricultural **Markets, animal** industry]. 062532
New look in **meat animals.** 065056
re-arrangement of an **animal metabolite** of 070722
cells in domestic **animals, monkeys** & man. 064455
rape seed meal to **monogastric animals.** 1. 064639
their interference with **animal movement.** [065436
Dietetics of man through **animal nutrition.** 063223
of formulation in **animal nutrition.** 064601
Dietetics of man through **animal nutrition.** 064606
eliminated after calving? [**Animal nutrition**] 064876
ways to solve it. [**Animal nutrition**]. 064916
metabolism in **animal organisms.** [Ducks]. 064272
hygien ic condition of foods of **animal origin** 063039
Pesticide residues in food of **animal origin** in 063065
occurrence in products of **animal origin** in 1 063136
medicine residues in foods of **animal origin.** 063184
studies on food products of **animal origin** in 063213
substances in food on **animal origin.** 063582
studies on food products of **animal origin** in 066167
Pesticide residues in food of **animal origin** in 070688
with enduring forms of **animal parasites:** A 065663
in food chain. [Soils, **plants, animals**]. 067546
Fertility of **animals--a possibility** for biologi- 065113
of anaesthesia in small **animal practice.** 065320
adipose tissues of **preruminant animals.** [Go- 064501
Development of cereals & **animal production** 062985
development of **animal production** & mixed 064072
Animal production at 53rd DLG exhibition. 064166
Intensive **animal production.** 064227
mechanized processes in **animal production.** 064237

factor of development of **animal production** 065052
of industrialised **animal production** with par- 065274
function for increase of **animal production.** 065292
mechanized processes in **animal production.** 071705
of ammonia in **animal quarters.** [Cattle]. 065340
Experiences on American **animal raising** & 063598
detection of Salmonellae in **rendered animal** 063033
production funds for **replacement animals** in 062471
kinetics of amphetamine in **ruminant animal** 064300
of litter-free manure in large-**scale animal** i- 072226
Iowa State University **Animal Sciences** Pro- 064195
pathogenic to **animals** to **semisynthetic** peni- 065846
glands. [Laboratory **animals, sheep**]. 064249
of speciation of **animals** with **size** of body, b- 064583
in meat & organs of **slaughter animals** fed z- 063179
Slaughter animal & meat research in calf: A 063657
in meat & organs of **slaughter animals** fed z- 064827
of pregnancy in **slaughtered animals.** [Cattle 065057
in cattle as observed in **slaughtered animals** 065366
with Ketanest with Vetalar in **small animal** 065262
Advances in **small animal** anaesthesia, 1972 065319
method of anaesthesia in **small animal** pract- 065320
of young farmers & **special animal** husbandry 062557
Animal technicians & veterinary medicine. 065230
Use of **test animals** free from pathogenic mi- 065334
in sedation of **undomesticated animals.** 065358
Iowa State **University Animal** Sciences Pro- 064195
with Vetalar in small **animal veterinary** pra- 065262
Animal waste management in Hawaii. 072619
diseases common to livestock & **wild animals** 065838

ANIONS
simulation of vertical non-**adsorbed anion** tr- 071868
Cation-**anion balance** in some calcium carbo- 067623
Anion transporters in plant mitochondria. [068447

ANISOTROPY
Anisotropic cross-bands in peritrophic mem- 070919

ANNUALS
Easy to grow & long-**lasting annuals.** 069138

ANODE
E1, E2, E4, E5, E6, & **anodal peroxidase** A- 067289

ANOMALA
Studies on **genus Anomala** Sam. (Coleoptera 071353

ANOMALY
A third donald duck **beak anomaly** in fowl. 065935

ANOPHELES
its effect of **Anopheles albimanus** Wiedema- 070610
in species A & B of **Anopheles gambiae** co- 070656
ot DDT in **Anopheles maculipennis** sacharovi 070627
Aotus trivirgatus to **Anopheline mosquitoes** 070609
areas of vivax malaria. [**Anopheles sacharovi** 070655

ANOPLOCEPHALIDAE
actinioides (Cestoda: **Anoplocephalidae**) a p- 065582

ANOPLURA
Hoplopleura alticola, sp. nov. (**Anoplura:** H- 071293
Anoplura, supplement. 071141

ANOXIA
SEE HYPOXIA

ANSER
SEE ANATIDAE

ANTENNA
Taxonomic value of **antennal characteritics** 071364

ANTHELMINTICS
Anthelmintic activity of morantel tartrate in 065384
laboratory tests on **anthelmintic activity** of 065631
Anthelminthic activity of developmental ch- 065755
Anthelmintic activity of Cassia occidentalis, 067619
Effect of **anthelmintics** on **development** of l- 065739
Anthelmintic efficacy of morantel tartrate in 065385

ANTHERAEA
protease. [Antheraea **pernyi, Antheraea** pol- 071396
biological function. [**Antheraea polyphemus,** 071393
prococoonase from **Antheraea polyphemus.** 071395

ANTHERS
of tapetal tissue of sugar **beet anthers.** 067055
Studies on **anther culture** of horticultural cr- 068397
Prevention of **anther mold** in red clover. [B- 069445
Anther in **vitro** culture, a new method for o- 067334

ANTHOCYANIDINS
Notes on **anthocyanidin types** & metals in b- 067679

ANTHOCYANINS
concentration], **anthocyanin,** & **flavonoid** co 068244
report on **anthocyanins** in **flowers** of Veroni- 067680
Ion exchange purified **anthocyanin pigments** 063953
on accumulation of **anthocyanins** & **rutin** in 067888
Determination of **anthocyanins** by **thin**-layer 067603

ANTHOMYIIDAE
of Atherigona naqvii Steyskal (**Anthomyiidae:** 070345
floralis (Fallen) (**Diptera, Anthomyiidae**). [070474
floralis (Fallen) (**Diptera, Anthomyiidae**) on 070476
Anthomyiidae & **Muscidae** of Mt. Katahdin, 071222

ANTHONOMUS
zea, Heliothis virescens, **Anthonomus gra-** 070404

ANTHOPHILA
mold in red clover. [**Botrytis anthophila**]. 069445

ANTHRACNOSE
world assortement of sainfoin to **anthracnose** 069573
induced protection against **bean anthracnose** 069492
on growth of papaya **anthracnose fungi.** [Gl- 069292
Northern anthracnose resistance in red clov- 067114
fragariae. [**Strawberries, anthracnose**]. 069483

ANTHRAX
Anthrax in South-**east** Asia, Far East & Oc- 065603
on a field outbreak of **anthrax** in **Quezon** pr- 065596

ANTHURIUM
Chemical weed control in **anthurium.** [Andr- 070141

ANTIBACTERIAL
SEE BACTERIA

ANTIBIOSIS
studies on nature of **antibiosis** in **maize** (Zea 070339

ANTIBIOTIC
solicitation with meat without **antibiotics.** 063132
Data to **antibiotic** (inhibitor substance) con- 063134
semisynthetic penicillins & other **antibiotics** 065846
of necrobacillosis of lambs with **antibiotics.** 065855
Region & their sensitivity to **antibiotics.** 065871
Antibiotic aerosol treatment of European (or 071401
Testing **antibiotics against** leaf spot disease 069412
of myriocin. A novel **antifungal antibiotic.** 070709
Effectiveness of **antibiotics applied** as posti- 069617
dose & level of some **antibiotics** in **body** lous 070664
to **antibiotics** & other **chemotherapeutic** age- 065845
use of **antibiotics** & **chemotherapy** in animal 063059
wheat & test of **antibiotics** in **controlling** pa- 069566
with or without **antibiotics** in their **diets.** 064627
Use of **antibiotics** as **feed** additives in swine 064611
Antibiotic feeding of farm animals & resista- 065439
Effects of use of **antibiotics** by **livestock** on 063039
Effect of **antibiotics** on some **physiological** 069318
Antibiotic properties of fungi isolated from 067698
infection of swine & **antibiotic resistance** tr- 065443
in swine by **antibiotic resistant** strains. 065847
changes, incidence of **shedding, antibiotic** tr- 065382
excretion of **antibiotics** & **sulfamides** used in 065294
treatment. [Cattle, horses, **swine, antibiotics** 065573
Testing antibiotics against leaf spot disease 069412
of antibodies to **antibiotics** of **tetracycline** g- 065809
symptoms with **tetracycline antibiotics.** [Ul- 069878
incidence of shedding, **antibiotic treatment** of 065382
study on effectivity of **various antibiotics** in 065656

ANTIBODIES
survey for Brucella **abortus antibodies** in im- 065594
Serological series tests on **antibodies against** 065423
hatching eggs on level of **antibodies against** 065569
On forming of **antibodies** to **antibiotics** of te- 065809
Serological incidence of **Brucella-antibodies** 065622
of bovine trypanosomal **antibodies, ccarried** 065883
Incidence of **antibodies** to **chick** embryo let- 065520
Conglutinating **complement antibody** respon- 065495
I separation from insulin--**antibody complex.** 065283
techniques **employing antibody** to bovine ne- 064352
tests for detection of **antibodies** in **equine** se- 065445
occurence of complement-**fixing antibodies** in 065597
cell culture by indirect **fluorescent antibody** 065374
test & soluble antigen **fluorescent antibody** 065391
Application of indirect **fluorescent antibody** 065882
Fluorescent antibodies in detection of pulor- 065888
Antibodies inhibiting haemagglutination of 065570
to haemagglutination-**inhibiting antibodies.** 065895
I & 131I separation from **insulin--antibody** 065283
Identification of **Leptospira antibodies** in fr- 063580
Rous sarcoma virus-**neutralizing antibodies** 065579
allergic test & virus-**neutralizing antibodies** 065701
effect of vaccination & **antibody production** 065435
anti-Yersinia **pseudotubersulosis antibodies** 065890
in chicken: effect of **purified antibody** specif- 065530
by indirect fluorescent **antibody reaction.** [065374
complement **antibody response** in buffalo bu- 065495
An effect of pregnancy on **antibody response** 065518
chicken: effect of purified **antibody specific** 065530
antigen fluorescent **antibody technique** for d- 065391
of indirect fluorescent **antibody test** to samp- 065882
detection of bovine **trypanosomal antibodies,** 065883
of parainfluenza 3 **viral antibodies** in serum 065895
Effect of **antibodies** on **vitality** of calves & p- 064472

ANTIDOTES
Activated charcoal as a **herbicide antidote.** 069943

ANTIFERTILITY
SEE CONTRACEPTIVES

ANTIFUNGAL
SEE FUNGICIDES

ANTIGEN
with use of Escherichia **coli antigen** de-integ- 065675
Differences in **antigenic composition** of prot- 067692
effects associated to **antigenic factors:** M II 066416
extracellular complement **fixing antigens** of 070812
Precipitin test & soluble **antigen fluorescent** 065391
Evolution of **immunoglobulin antigens** in ru- 065426
Studies of **antigen spectrum** of turkey herpes 065434
Antigenic vaccination of calves with measles 065872

ANTIMITOTIC
SEE MITOSIS

ANTIOXIDANTS
SEE OXIDANTS

ANTIPROTOZOAL
SEE PROTOZOA

ANTIRINDERPEST
SEE BOVINE

ANTIRRHINUM
pollination in vitro in **Antirrhinum majus** L. 068283

ANTISEPTIC
hatching eggs with formalin. [**Antiseptics**]. 065652
Antiseptics used in **gynecology.** [Livestock] 065347

ANTISERUM
of mycoviruses using **antiserum specific** for 069714

ANTITHYROID
SEE THYROID

ANTIVIRAL
SEE VIRUSES

ANTS
of two species of East **African ants** towards 070850
A new species of **Dolichoderine ant** genus 071317
used to apply bait in imported **fire ant** prog- 070238
Use of mirex in control of imported **fire ant.** 070258
Biochemical evolution in **fire ant** venoms. [070888
Maze learning & orientation in **fire ant** (So- 070903
Flights of western thatching **ant Formica** ob- 070872
Dufour's gland components of **harvester ants** 070928
migratory behavior of Florida **harvestor ant,** 070818
arcanus n. sp.(?)--a new & **mysterious ant.** 071338

AORTA
Persistent right **aortic arch** in a German Sh- 065954
components in developing **chick aorta.** 064275

APANTELES
Apanteles flavipes (Cameron)--a promising 070349
Taxonomic studies on **Apanteles Foerster** (071296
C. G. Thomson species of **Apanteles Forest.** 071184
of braconid wasp, **Apanteles plutellae** Kurdj. 070241
Observations on **Apanteles plutellae** Kurdj- 070427
cephalonica Staint. [**Apanteles plutellae**]. 070576

APERTURE
adjusted for constant **stomatal apertures.** 067965

APEX
Development & fine structure of **ascus apex** 067011
of asparagus through shoot **apex culture.** II. 068942
Apical dominance is not due to a lack of fu- 068060
effects of bilogical milieu of **apical meristem** 068013
from mosaic virus by **apical meristem** culture 069704
Role of **radicular apex** in growth, geotropism 068149
stages of organogenesis of **shoot apex** on nu- 068146
changes occurring at seedling **shoot apex** of 068515
of intermediate & reproduc **tive apices** of C- 067480
cytophotometric studies of **vegetative apex.** 066924

APHANOMYCES
to sugar beet. [**Aphanomyces cochliodes**]. 069465

APHELENCHOIDES
Aphelenchoides **cibolensis, Aphelenchoides** 069525

APHELINIDAE
Le Baron) (Hymenoptera: **Aphelinidae**). 1. 070847
Le Baron) (Hymenoptera: **Aphelinidae**). 2. 070848

APHIDIDAE
maidis (Homoptera: **Aphididae**), on field co- 070315
two new species (Homoptera: **Aphididae**). [071150
a few more records (Homoptera: **Aphididae** 071219
conditions. [**Aphididae, mosaic** virus, transm- 069679

APHIDS
of tobacco mosaic virus by **aphids.** 069713

Occurrence of **aphids** (Aphidodea, Homopte- 070287
Plant in life of an **aphid.** 070291
of tobacco mosaic virus by **aphids.** 070407
Plant in life of an **aphid.** 071022
to morphology of genital organs of **aphids** 071078
Occurrence of **aphids** (Aphidodea, Homopte- 071331
produced by pea **aphid Acyrthosiphon** pisum 070807
Aphids--another troublemaker that must be 070392
field studies on control of bean **aphid Aphis** 070381
factors in multiplication of **cabbage aphid** (070456
Occurrence of Indian **grain aphid,** Macrosip- 070346
including control of English **grain aphid.** [S- 070386
Terra-Sytam in control of plum-**hop aphid** on 070272
Aphids of New **Jersey,** a few more records 071219
Effects of infestations by corn **leaf aphid,** R- 070315
of Indian grain **aphid, Macrosiphum** (Sitobi- 070346
Taxonomic notes on **aphids** from **Nepal** & I- 071150
Aphids observed on pears of Poznan area. 070488
Ecological studies on **aphid, painted** bug & 070326
Behaviour of an **aphid parasite** & its hosts in 070522
of compounds produced by **pea aphid** Acyrt- 070807
Seasonal fluctuation of **aphid population** in 069679
present day host plants of **aphids & related** 070292
by corn leaf **aphid, Rhopalosiphum** maidis 070315
dimethoate for control of **aphids** on **sugar** b- 070360
in ecology of some **aphid-transmitted** viruses 069611
nitrogen fertilizers on balsam **woolly aphid.** 070534

APHIS
field studies on control of bean **aphid Aphis** 070381
relation to its preference by **Aphis gossypii** 069641

APHYTIS
arrhenotokous form of **Aphytis mytilaspidis** 070847
arrhenotokous form of **Aphytis mytilaspidis** 070848

APIARIES
Health registration of **apiaries & measures** f- 071413

APICULTURE
International symposium on **apiculture.** 071394

APIDAE
West China, 1948 (Hymenoptera: **Apidae).** 071298
bee Apis mellifica L. (**Hymenoptera, Apidae** 070280
pseudobaicalensis (**Hymenoptera, Apidae).** 070987
bee Apis mellifica L. (**Hymenoptera, Apidae** 071408

APION
on oviposition & longevity of **Apion virens** 071076

APIS
SEE BEES

APLASIA
On hereditary **substantiated aplasia** & hypo- 065979

APOCYNACEAE
crassa benth. (**Apocynaceae).** 066925
crassa Benth. 9**Apocynaceae).** 067484
Catharanthus longifolius Pich. (**Apocynaceae)** 067851
Stapf) K. Schumann (**Apocynaceae).** 067856
of plumieride in **Plumeria acutifolia** & Plum- 067827
patterns in petals of **Plumeria acutifolia** Poir 068424

APOIDEA
Contribution to knowledge of **Apoidea** (Hy- 071308
cecidonastes Moure (**Hymenoptera, Apoidea** 071011
Ukraine & Hungary (**Hymenoptera, Apoidea)** 071248
south of Brazil (**Hymenoptera, Apoidea).** [071318

APPAREL
SEE CLOTHING

APPLES
Postharvest effects of freezing on **apples.** 063879
Fruit with quality. [**Apples].** 063902
of Alar in partial crown treatment. [**Apples]** 068479
fructigena in shake culture. [**Apples].** 069259
chemical control of fungus disease in **apples** 069320
its host plant in an infection drop. [**Apples]** 069411
with three virus diseases of **apple.** 069690
pit of "Goldspur" & "wellspur" **apples.** 069794
L.) during period 1967--1969. [**Apples].** 070458
controlling Aegeria myopaeformis. [**Apples]** 070468
row harvester for dwarf fruit trees. [**Apples]** 071519
Physiological state of **Aporta apples** trees in 068502
Growth & yield behaviour of **Baldwin apple** 071969
New variety of **apple** from **Balsgard.** 069156
of healthy & virus-infected **apple** buds on S- 068243
problems in fruit trees. 1. [**Citrus, apples,** g- 068214
Clonal apple rootstocks: present position. 069091
year nutritional survey of **Colorado apple,** p- 072010
home orchards: apples, pears, **crab apples;** 069917
powdery mildews. [**Apples, cucumbers,** Podo- 063157
Studies on organization of **dessert apple** har- 063881
leaf-nutrient composition of **dessert apples.** 068974
Response of **detached apple** leaves to Ventu- 069503
Georgia **apple disease** & insect control guide 069796
of artificial **dissemination** into an **apple** orc- 070467
Summer & **early fall apple** varieties. 069001
K[potassium], concentrations in **apple foliage** 070423
of Granny Smith apple in **French apple** orc- 069124
least-cost model for marketing **fresh apples** 062782
development, & abscission of **apple fruit.** 068364
Effect of fertilizers on **apple fruit** set. 068501
electronic micrometer for **apple fruit.** 069053
Effects of freezing on mature **apple fruit** tis- 069757
Trapping codling moth & **apple fruit** fly. 070275
on Jonathan & Ralls **apple fruits.** 063969
Watercore development in **apple fruits** as re- 068251
Georgia apple disease & insect control guide 069796
in fruit trees. 1. [Citrus, **apples, grapes].** 068214
Sucessful **apple growing** in tropical Indones- 069005
A guide to **apple growing** in Baguio & envir- 069113
fruit growth & fruit quality of **apples grown** 066837
How to **handle apples** in cold storage. 063947
A decision model for **apple harvester** selecti- 071648
on organization of dessert **apple harvesting,** 063881
juice yield from **apples** for **industrial** process- 063921
Apple industry in Japan. 062905
grafting of healthy & virus-**infected apple** b- 068243
Quality evaluation of **apple jelly** prepared f- 063948
Fruiting of **Johnathan apples** in a palmetto- 068506
of stable isotopes of water in **apple juice.** 063942
Suppression of symptoms of **apple leaf** puck- 069616
effects on symptom expression of **apple leaf** 069881
movement of fungicides. [**Apple leaves].** 069478
Response of detached **apple leaves** to Ventu- 069503
Effects of freezing on **mature apple** fruit tis- 069757
of yeast strains used in **natural apple** wine 063871
of apple trees planted in old **apple orchard** s- 068308
Smith apple in French **apple orchard.** 069124
Pollination in new **apple orchards.** 068510
Lepidoptera: Tortricidae) in **apple orchards.** 070466
Lepidoptera: Tortricidae) in **apple orchards.** 070467
Mite pests of **apple orchards.** [Tetranychidae 070489
nutritional survey of Colorado **apple, peach,** 072010
Belinco" package for **apples** & **pears.** 063913
temperatures for flower buds. [**Apples, pears** 068350
et al., a dangerous disease. [**Pears, apples].** 069605
schedule for home orchards: **apples, pears,** c- 069917
of technological value of **apple pectin** prepa- 064001
1973 **Apple pest** control. 069741
certain organic consituents of **apple plants.** 068375
leucotricha, marrow cabbage **plants, apples]** 069238
by vectors. [Euscelis **plebejus, apples].** 069628
diseases in nurseries. [**Apples, Pratylenchus** 069910
Scandinavian experiment in **pruning apple** t- 069155
concentrations on Jonathan & **Ralls apple** f- 063969
gooseberries, **raspberries, apples** & pears. 070092
Apple research: present efforts, future needs 069051
Apple rootstock studies: fifteen years' grow- 068973
Clonal **apple rootstocks:** present position. 069091
Spread of **apple scab** & Cytospora infection 069567
offered to integration of Granny **Smith apple** 069124
Farm expenses for long-term **apple storage.** 062506
Results of **apple storage** experiments in Hu- 069020
Sucessful apple growing in tropical Indones- 069005
Farm expenses for long-**term apple** storage. 062506
chromosome variation in cells of **apple tree** 067048
on water-absorbing capacity of **apple tree** r- 068382
Water & nitrogen metabolism of **apple tree** 068383
between electric impedance of **apple-tree** tis- 069613
Introduction & breeding of **apple trees** in fo- 067245
on growth & nutrient levels of **apple trees** p- 068308
of radiation regime in crown of **apple trees** 068335
Some physiological features of **apple trees** r- 068377
Water system of palmetto-type **apple trees** i- 068381
On water metabolism of **apple trees** relative 068384
Physiological state of Aporta **apples trees** in 068502
experiment in pruning **apple trees.** 069155
in various organs & parts of **apple trees.** 069939
predacious mites on **apple trees** in Nova Sc- 070424
upon predaceous insects of **apple trees.** 070497
Changes in urease activity in **apple trees** as 072172
of estimation of fertilization of **apple trees** in 072182
Water system of palmetto-**type apple** trees i- 068381
richness in vitamin C of four **apple varieties** 063240
Summer & early fall **apple varieties.** 069001
frost during flowering on **apple varieties** at 069799
Characteristics of **apple variety:** "Egri Piros 069000
Apple variety evaluation--a never ending cha- 069002
Apple variety Mutsu--its advantages & disa- 069098
scab & Cytospora infection in **wild apples** in 069567
of yeast strains used in natural **apple wine** 063871

APPLICATORS
experimental granular **herbicide applicator** f- 070142

APPRAISAL
Results of ultrasonic live-**animal appraisal** w- 064516
of their properties & **market appraisal** of O- 063420
Appraisal methods for carcass composition of 064518
An **appraisal** of **realization** of plant protecti- 069859

APRICOTS
of some biological characters of **apricot** (Ar- 068292
Apricot leaf curl caused by Taphrina defor- 069526
for home orchards: **peaches, apricots,** plums, 069916
Bacterial cancer in **apricot trees.** [Pseudom- 069598

APTERYGOTA
Results of research of **Apterygota** in **oak-ho-** 070761

AQUATIC
functional changes in **aquatic communities** w- 066825
Aquatic fungi of Iceland: three species with 066757
Victoria amazonica: **gigantic aquatic** plant. 066752
with trace elements in **aquatic grape** culture 068332
determining live weights of **aquatic insect** la- 070817
Aquatic phycomycetes of Lily Lake, Utah. 066679
distribution of some **aquatic phycomycetes** 066735
Water gardening. [**Aquatic plants].** 069041
field experiments on **submerged aquatic** wee- 070100
Florida's **aquatic weeds.** 070120

AQUEOUS
Antiviral activity of **aqueous extracts** of cert- 065763
III. Fatty acid motions in **aqueous lecithin** d- 063677
Accessibility to **aqueous media** of durable-pr- 063834
chloroplasts isolated in non-**aqueous media.** 067651
Aqueous processing of fresh coconuts for re- 063958
Liquid ammonia & **nonaqueous solutions** of 063840
desorption equilibria in **aqueous suspensions** 070232

ARABICA
in fruits & tissue cultures of **Coffea arabica.** 067776
leaf tissue of coffee plants (**Coffea arabica** L 067826

ARABIDOPSIS
EOC) on **Arabidopsis thaliana.** 067161

ARABITOL
of mannitol & **arabitol** to **polysaccharide** & 067667

ARABLE
structures for marginal **arable areas;** gully c- 072292
problems in beet, potato, & **arable legumes.** 070011

ARACHIS
Genome relationships in **Arachis.** [Peanuts] 067323

ARACHNIDA
Revision of Schizomida (**Arachnida).** 071220

ARALIACEAE
Venezuelan Andes. [**Araliaceae, Styracaceae** 066776

ARANEAE
Boesenberg et Strand (**Araneae:** Lycosidae). 070801
new species of Atypus [snetsingeri] [**Araneae:** 071171
species of genus Dolomedes (**Araneae:** Pisau- 071196
Spiders (**Araneae**) from Ringsaker, Norway 071264
O.p. Cambridge) (**Araneae, Linyphiidae**) in 071279
Trondelag, Norway. [**Araneae, Phalangida]** 071270
Spermophora (**Araneae, Pholcidae).** 071336
simoni Berland (**Araneae, Pholocidae**) new 071271
Pachygnatha (**Araneae, Tetragnathidae**) of 071335

ARANEI
spider Pardosa monticola (**Aranei, Lycosidae)** 071368

ARANEIDA
fauna of alfalfa. V. Spiders (**Araneida).** 070314

ARBORETUM
Arboreta--their **environmental** role. 066574
in Plant Science **Instructional Arboretum.** 066591

ARBORICULTURE
Guide for Treatments: **Arboriculture.** 069898
fungicides in **arboriculture & viticulture.** 069546

ARBOVIRUSES
Possibility to **cultivate arboviruses** in tissue 069656
of plants in mechanism of **arboviral infection** 069655
in field to study **arboviral infection** distribu 070632
of plants in mechanism of **arboviral infection** 070633

ARBUTIN
Arbutin in some **plants** of genus Sedum. 067517

ARCEUTHOBIUM
laricis, **Arceuthobium americanum].** 070107
in Montana. [**Arceuthobium americanum,** Pi- 070182
var. macrospora. [**Arceuthobium tsugense,** T- 069273

ARCHANGELICA
SEE ANGELICA

ARCHEOLOGY
decree on protection of **archaeological soil** t- 066286

ARCTIC
from ponds in **Canadian arctic,** with biologi- 071151
Blue fox breeding season. [**Arctic foxes].** 065051
Evolutionary problems in **arctic lora.** 066691
Succession in **unburned subarctic** woodlands 066836

ARCTIIDAE
of Amsacta moorei Butler (**Arctiidae**) & Eu- 070882
National museum (Lepidoptera: **Arctiidae).** 071339

ARGAS
Cycle of nitrogenous excretion in **Argas** (Pe- 070941

Ii. Chromosomes of **Argas radiatus** Railliet 070619

ARGASIDAE
Railliet & Argas sanchezi Duges (**Argasidae** 070619
Kaiser, Hoogstraal & Kohls (**Argasidae**). 070941
Railliet & Argas sanchezi Duges (**Argasidae** 070943

ARGEMONE
Genus Argemone. I. Cytogenetic relationshi- 070867
of alkaloids from **Argemone mexicana** growi- 067807

ARGILLACEOUS
SEE CLAY

ARGININE
of **arginine** & alpha-**aminoisobutyric** acid fr- 068245
on content of free lysine, **arginine, histidine,** 064635
Utilization of **arginine** by **rice** callus tissue. 068154
citrulline on utilization of **arginine** in **rice** c- 068157

ARID
of smooth plainlands of **arid Australia.** 072395
for onion pollination under **arid conditions** in 068490
Soils of certain biogeocoenoses of **arid open** 066864
Nees), in a regosol soil of **pampean semiarid** 068145
System of farming in **arid regions** of Volga. 062383
at two different enviroments **semi-arid** (Jaip- 064396
on grey brown alluvial **soil** & **arid** Rajasthan 072088
soils of Ishim River in **arid steppe** region. 071837
of improving cattle feeding in **arid Volga** reg- 064718
increasing grain production in **arid Volga** re- 068716
Perennial grasses in **arid Volga** region. 068718
of fertilizers on grain crops in **arid Volga** re- 072071

ARMILLARIA
Presence of **Armillaria** [mella] on Populus. 069337
nematodes on **Armillaria mellea** root rot of 069525

ARMOR
Teaching Award sponsored by **Armour Food** 063648

ARMYWORMS
to uric acid content in **armyworm, Leucania** 070312
on grain losse s due to **paddy armyworms.** 070341

AROMATIC
Determinting high-**boiling aromatic** substan- 064021
Aroma of canned beef: gas chromatographic 063618
Aroma of canned beef: sensory properties. 063619
Kinetics of formation of **aroma complex** of 063781
Use of **aroma** in **milk** products according to 063147
XV. synthesis of geranylated **aromatic sulfur** 070806

ARSENIC
determination of **arsenic residues** in/on rice 063193

ARTEMISIA
various organs of certain species of **Artemisia** 067401
artemidin from **Artemisia dracunculus.** 067510
of gazing on vegetation of **Artemisia frigida** 068781
lactones from **Artemisia halophila.** 067520
Artemisia pontica, a new source of azulenes 067814
lactone from **Artemisia transiliensis.** 067519

ARTERY
Arterial blood supply of sinus node of mules 064454
lipid metabolism in **bovine arterial** tissue. 064395

ARTHRITIS
Necrobacterial arthritis in lambs. 065769
Chronic **rheumatoid arthritis** in pigs associa- 065519
Rheumatoid arthritis in dog; survey of litera- 065665
Streptococcal arthritis in lambs. 065748

ARTHROPATHY
to study of **arthropathy** in **spinal** column of 065956

ARTHROPODA
in population of **Arthropoda** in **alfalfa** field 070359
Studies on **arthropod fauna** of alfalfa. IV. S- 070313
Studies on **arthropod fauna** of alfalfa. V. Sp- 070314
decarboxylase activity in **arthropod nervous** 070772

ARTICHOKES
acid on yield & precocity of **artichokes.** 069136
Use of **Jerusalem artichoke** for feeding lives- 064792
activity of **Jerusalem-artichoke** mitochondria 068279
translocation in **Jerusalem-Artichoke** mitoc- 068280
bibliography on **Jerusalem artichoke** (includ- 068312
Cultivation of **Jerusalem artichokes.** 069034
Destruction of shoots of **Jerusalem artichoke** 070161

ARTICULATION
two phase effect of intra **articular injection** 065968

ARTIFACT
Artefacts in **controlled** envornment studies. 069983

ARUM
Critical revision of **Arum species** of Carpath- 066607

ARUNDINACEA
Imperata **arundinacea Cry** & Saccharum mu- 069381
L.) Vill. (2n=42) x **Festuca arundinacea** Sc- 067148
cultivars of tall fescue (**Festuca arundinacea** 068690

ARVENSIS
of certain perennial weeds. [**Cirsium arvense** 070037
emergence control of **Convolvulus arvensis** w- 070085
of pea (Pisum sativum L. var. **Arvense Poir.**) 069349
selections to herbicides. [**Sonchus arvensis**] 070110

ARYLAMIDASES
Blood serum lysyl-**arylamidase activity** in d- 064535

ASCARIDAE
feed & its effect on somatic **toxocara canis** l- 065599

ASCARIDIA
of environment from **ascarid eggs.** [Ascaris l- 065553

ASCARIS
salts in a critical test in sheep. [**Ascaris**]. 065756
in Stockholm cats. [**Ascaris, Cestoda**]. 065649
ascarid eggs. [Ascaris **lumbriocoides, Ascaris** 065553

ASCAROPS
in **experimental Ascarops** infestation of swi- 065833

ASCLEPIAS
bacteriology of latex from **Asclepias syriaca** 067417

ASCOBOLUS
growth rhythms of **Ascobolus immersus** Pers 066929
of gene conversion in **Ascobolus immersusII** 067309

ASCOCHYTA
fabae, Botrytis cinerea, & **Ascochyta fabae** 069230
of pathogen of **Ascochyta infection** in cucu- 069434
Phoma papayae, Phoma **nocturni, Ascochyta** 069371
to anthracnose (**Ascochyta onobrychidis** Bo- 069573

ASCOPHYLLUM
from Laminaria [Digitata] & **Ascophyllum.** 067736

ASCORBATE
phosphorylation in presence of **ascorbate.** [068429

ASCORBIC
Special effect of **ascorbic acid** in white bread 063700
Ascorbic acid content of artificially ripened 063963
Variation of **ascorbic acid** & beta-carotene c- 064012
carotene in maize silage. I. **Ascorbic acid.** 064058
Effect of cyanamids on **ascorbic acid**-redox 067834
Amount of **ascorbic acid** in leaves of fruit tr- 068378

ASCOSPORES
factors regulating **ascospore discharge** by M- 069493
Ascospore germinating pore in genus Podos- 066926

ASCUS
Development & fine structure of **ascus apex** 067011

ASEPSIS
synthesis of mycorrhizas in **aseptic culture.** 067733
of sarcanthine orchids by **aseptic culture** of 068237
Aseptic culture of Amaryllis ovules & tissues 068438
Aseptic filling of dairy products into deep f- 063551
Aseptic processing & filling methods. [Milk] 063502

ASHES
palm bunch incinerator: Utilisation of **ashes** 063778
Biological turnover of **ash elements** & nitro- 068565
crops in biological turnover of **ash elements** 071838
of soils under application of **fly-ashes.** II. In- 071747
of ripening in case of composting of **fly ash** 072186
concentration] Chilean volcanic **ash soils** "t- 071909

ASPARAGUS
bibliography on storage of **asparagus,** 1953-- 063887
formation in anther culture of **asparagus.** 068397
products as soil conditioners in **asparagus** (071992
propagation of **asparagus** through **lateral** bud 069047
Propagation of **asparagus** through **shoot** apex 068942

ASPARTATE
roots by exogenous L-**aspartic** & L-**glutamic** 068286

ASPENS
Large aspen tortrix. [Choristoneura conflict- 070560
analysis of Wisconsin **aspen pulpwood** mark- 066443
action on suckering from **aspen root** cuttings 068522

ASPERGILLUS
forage mixtures in initiation of **aspergillosis** 065750
cultivation conditions of **Aspergillus batatae** 067783
Extracellular RNase C2 **Aspergillus clavatus** 067405
test for aflatoxin. [**Aspergillus flavus,** agricu- 063028
Phyllosticta phaseolina, **Aspergillus flavus**]. 069251
properties of mutant **Aspergillus fumaricus** 067784
Aspergillus fumigatus infection in nasal cavi- 065719
Urea of mold **fungus Aspergillus** oryzae. 067714
proteolytic activities of **fungus Aspergillus** o- 067786
disomics & trisomics of **aspergillus nidulans** 067290
formation in **Aspergillus nidulans.** 067307
of gluconate by **Aspergillus niger.** 067633
Rhizopus stolonifer, **Aspergillus niger,** Peni- 067681
On ability of vital cells of **Aspergillus oryzae** 067716
growth of lettuce. [**Aspergillus parasiticus**]. 068256
of protease from **Aspergillus terricola.** 067785

ASPHYXIA
between fungi & **so-called suffocating** disease 069297

ASSAY
fungicide benomyl & **assay** of **benomyl** using 069240
An improved **bio-assay** for abscisic acid & o- 067727
Investigation & **assay** of **fried** food. 063343
content of mammalian cells: **assay method** 064419
d-amino acid oxidases. [**Assay methods,** soil 067545
as affecting results of **microbiological assays** 064634
dialysis & colorimetry to **assay** of **nitrate** & 067929
Assay of **pesticides** with reference to food h- 063076
Comparative efficiencies of **assays** of a **plant** 069711
Plaque assay of turkey herpesvirus & attenu- 065901
early pregnancy test by **progesterone assay** 064940
Turbidimetric assay of staphylococcal nucle- 063296

ASSESSMENT
Smoked mullet quality: An **assessment.** 063126
Assessment of **antifasciolasis** substances by 065754
Techniques for **assessment** of **Avena** spp. in f- 070045
check-up of **assessment** of **boars** of Estonian 064926
Development, assessment & seed transmissi- 069257
changes in milk as **assessed** by **Hotis** & C- 065885
An **assessment** of **practice** & potential for jo- 069991
uniform analysis & **assessment** of **procedures** 064220
Assessment-sales ratio studies. [Property ta- 062268
Sensory assessment of stiffness & rheological 063763
Student assessment with reference to exami- 064236

ASSETS
Capital assets of farming in Scotland. 062573
Are spiders an **asset** to **gardener?** 070991

ASSIMILATION
salina. IV. **Acetate assimilation.** 067730
metabolism of c14-**assimilates** in **bean** leaves 068346
Assimilation of **cholesterol** production refuse 064902
Assimilation of **crystal** amino acids in digest- 064493
net carbon **dioxide assimilation** & leaf water 068431
Co2[carbon dioxide] **assimilation** by **Dryas** 067481
Dynamics of **assimilated forms** of phosphorus 072240
Zinc stimulation of **nitrogen assimilation** by 067703

ASTERS
against clover phyllody & **aster yellows.** 069617

ASTRAGALUS
of Ammodendron section of **Astragalus.** 067408
growth & flowering in **Astragalus cicer** L. 067970
morphology of **Astragalus macropodium** Lip- 067008

ATAXIA
Equine **spinal ataxia.** 065926

ATHERIGONA
India), November 1-3, 1971. [**Atherigona**]. 070305
New host record of **Atherigona naqvii** Steys- 070345

ATMOSPHERE
Influence of **atmosphere** & **additives** on rate 063837
practical Ca plant. [**Controlled atmosphere**] 063968
dioxide gradients in a soil-**plant-atmosphere** 067743
Atmospheric pollutants from natural & man 072536
fluorine compounds in **atmospheric pollution** 069913
Atmospheric pollution & industrial melanism 070876
Atmospheric precipitation & its effect on gu- 072334

ATOMS
metallic traces in oils by **atomic absorption** 063434
Atomic-absorption determination of total co- 071804
material by flameless **atomic ansorption** spe- 066034

ATPASES
differentiation between **ATPase** [Adenoside 067924
ATPase [adenosine triphosphatase] activity 068279
ATPase [adenosine triphosphatase] activity 068482
on mg2+[magnesium]-**dependent ATPase** [068053

ATRAZINE
Use of a low dose of **atrazine alone** & in mi- 070227
Further trials with **atrazine** for **controlling** 069974
Application of simazine & **atrazine** in **forest** 070155
factors on availability of **atrazine** & **linuron** 069998
Use of **terbacil, atrazine** & other herbicides 069980

ATRIAL
sulfate in a case of **atrial fibrillation** in a H- 065918

ATRIPLEX
SEE CHENOPODIACEAE

ATROPA
in drug plants. [**Atropa beladonna,** Datura s- 067712

ATRUM
on resistance to Verticillium **albo-atrum** R. 069232
of cotton plants to Verticillium **albo-atrum.** 069475
Resistance of **Ulocladium atrum** to phenyl- 069268

ATTA
Fungi from fungus gardens of **Atta insularis** 071084

ATTRACTANTS
Evidence for a **sex attractant** in Agriotes lin- 070837
On presence of **sex attractants** in some spec- 070976

ATYPIDAE
of Atypus [snetsingeri] [Araneae: **Atypidae**) 071171

AUCHENORRHYNCHA
Jac (**Auchenorrhyncha, Cicadellidae,** Typhlo- 071115
Empoascini (**Auchenorrhyncha, Cicadellidae**) 071116

AUCTIONS
analysis of Ohio graded feeder **pig auctions,** 062659
body forms & live weights in **auction rams** of 064260

AUDITORY
cortical organization of **auditory system** in 064447

AUJESZKY
vaccination of minks **against Aujeszky's** dis- 065693
use of live vaccine MK-25 **against Aujeszky'** 065736
excreting virus of **Aujeszky's disease** in pigs 065700
allergy during course of **Aujeszky's disease.** 065701
swine erysipelas & **Aujeszky's disease.** 065734
of hog cholera & **aujeszky's disease.** 065735
reproduction of virus of **Aujeszky's disease.** 065874
with vaccines from **inactivated Aujeszky** vir- 065898
Cytopathogenic effect of **Aujeszky's virus** on 065699

AULACOPHORA
material of **Aulacophora foveicollis** Lucas, r- 071091
excreted by **Aulacophora foveicollis** Lucas (071093

AUREUS
growth & toxin production by **aureus.** [Food 063167
anitgen k to Staphylococcus **aureus bacterio** 065512
methods. [Staphylococcus **aureus, Food**]. 063054
of strains of Staphylococcus **aureus isolated** 065613
on growth of Staphy **lococcus aureus** & pro- 063032
Control of **Staphylococcus aureus** in sausage 063120
Methodology for **Staphylococcus aureus** & C- 063169
nuclease. [Food, **Staphylococcus aureus**]. 063295
nuclease. [Food, **Staphylococcus aureus**]. 063296
Control of **Staphylococcus aureus** in sausage 063626
agalactiae, **Staphylococcus aureus**]. 065474
faecalis or **Staphylococcus aureus.** 065523

AUTOCLAVE
III. Expanded agglomerates in **autoclave.** 066523

AUTOLYSIS
Autolytic & peptidase activity in fresh & sp- 063606
Denaturation & **autolysis** of **protease** from 067785

AUTOMATIC
measured by FPM **Combi Automatic.** 063538
Automatic controls for cold air hay drying. 071662
Use of **automatic counters:** Coulter Counter, 065974
Automatic device for blood collection in an- 065270
of farm work. 2. **Hopeful automatic** operati- 071552
Method & by use of **Milkotester Automatic;** 063537
plant materials with an **automatic nitrogen** 067412
An **automatic punching** counter & metering 069951
A study of **automatically regulated** hot air h- 071442
Disinfecting methods & **automatic spraying** 065403
controlling for an **automatic stacker.** 066462
Programmed Logic for **Automatic Teaching** 064995
of soil solutions by **automatic titration** equi- 071716

AUTOMATION
Automation of **bacterial** count of plate cultu- 063500
Automated data processing in cost accounti- 062400
Application of **automated dialysis** & colorim- 067929
Automatization of **farm** work. 2. Hopeful au- 071552
Automated field choppers, savings through s- 071612
Automated flow-recording system for field d- 072422
Automation of **industrial** greenhouses. 071439
Studies of **automation** of **irrigation.** 071596
on repair & **automation** of **meliorative** netw- 071448
Automated X-ray inspection of grain for ins- 070568
Use of **automation** in **reallocation** of land: d- 062293

AUTOPSIES
Effect of **postmortem muscle** changes on pou- 063680

AUTORADIOGRAPHY
High **resolution autoradiography** of mycopla- 069652
A **radioautographic study** of neural induction 064361

AUTOSOMES
nuclear size & heteropyknosis of **autosomes** 071010
Association of **autosome** with **X-chromosome** 065143

AUTOTETRAPLOIDS
multiplied **autotetraploid hybrid.** II. Data f- 067077
Induction of **autotetraploids** of **Lolium** pere- 067064

AUTOTROPHISM
of cytokinins in **cytokinin-autotrophic** tobac- 063777

AUTOXIDIZED
SEE OXIDATION

AUTUMN
development of winter wheat during **autumn** 068199
Roses can be planted in **autumn.** 069086
acid treatment & soil cultivation in **autumn.** 070121
Fighting weeds with chemicals in **autumn.** 070168
Soil management in **autumn.** 072287
Autumn planting of citrus crops. 069148
varieties during spring & **autumn season** in 069828
Autumn seeding of Svenno spring wheat. 068824
Autumn weather & cereal growing in Engla- 068676

AUXINS
on medium containing biotin or **auxin.** 067857
of tobacco tissues with cytokinin & **auxins.** 067876
kinetics, inhibition, & regulation by **auxins.** 068453
research of sugarcane to **auxin** & **agallol.** 068042
metabolism. XI. Changes of **auxin content** of 067908
morphactin on growth & **auxin distribution** 068246
Seasonal changes in **auxin effect** on rooting 068576
chloride on content of **auxins** & **inhibitors** in 067590
Role of **auxin** & **kinetin** in induction of divis- 067999
glucan synthetase activity by **auxin** in **pea** s- 068440
glucan synthetase activity by **auxin** in **pea** s- 068441
in Selaginella [willdenovii]: **auxin tranport** 067765
Auxin transport in secondary tissues. [Toba- 068059
in growth, geotropism & **auxin transport.** [068149

AVENA
Genetics of electrophoretic variants in **Avena.** 067289
Susceptibility of **Avena** [fatua] species & va- 070129
of chlorfenpropmethyl **against Avena** fatua 070058
peroxidase APX4, loci in **Avena fatua.** 067289
production in populations of **Avena fatua** L. 067462
A study on survival of wild oats (**Avena fatua**) 067463
peroxidase APX4, loci in **Avena fatua.** 067668
Wild oats & animal feedstuffs. [**Avena fatua**] 069935
wheat with di-allate & barban. [**Avena fatua** 069944
Alopecurus myosuroides & **Avena fatua.** 069993
of systems on control of **Avena fatua** in spri- 069995
Kingdom during spring 1970. [**Avena fatua**] 070017
effective against wild oats. [**Avena fatua**]. 070023
Wild oats, where next? [**Avena fatua,** control 070039
post-emergence herbicides for **Avena fatua** c- 070041
of chlorfenpropmethyl against **Avena fatua** 070058
Studies of fate of **avena fatua** seeds on cereal 070060
methyl for control of **Avena fatua** L in spri- 070061
Chemical control of **Avena fatua** in winter 070067
in rapeseed with trifluralin. [**Avena fatua**]. 070106
Control of **Avena fatua** L. in cultivation of g- 070130
Wild oats. [Avena **fatua, Avena** ludovicana] 070138
destruction of wild oats (**Avena fatua**) in flax 070163
of wild oats in cereals. [**Avena fatua,** chemic- 070183
Types of wild oats in Sweden. [**Avena fatua**] 070213
Wild oats. [Avena fatua, **Avena ludovicana**] 070138
water uptake of **Avena plants.** II. Effects of 068102
endosperm of germinating oat (**Avena sativa** 068120
Techniques for assessment of **Avena spp.** in f- 070045
granular tri-allate for control of **Avena spp.** 070063
Chemical roguing of **Avena spp.** 070068

AVIAN
Avian anatomy: integument. I-iI. 064523
C-type virus particles in **avian bursa** of Fabr- 065395
Avian component of biocenosis of two poult- 065688
Three years of diagnosis of **avian diseases.** 065232
gallopava, a cause of **avian encephalitis,** in 065585
Transplantability of **avian lymphoid** tumor c- 065668
Marek's disease. [**Avian lymphomatosis**]. 065460
Marek's disease). [**Avian lymphomatosis**]. 065461
fowl paralysis). [**Avian lymphomatosis**]. 065462
Marek's disease. [**Avian lymphomatosis**]. 065463
fowl paralysis). [**Avian lymphomatosis**]. 065465
blindness in chicks. [**Avian lymphomatosis**]. 065499
antibodies in one **avian** & two **mamalian** spe- 065597
Effects of **avian** & **mammalian** pituitary pre- 065031
chemical properties of **avian muscle** in relat- 063685
I. Isolation of **avian Mycoplasma.** 065501
in two strains of **avian Mycoplasma** possibly 065509
of 70S RNA from **avian myeloblastosis** virus 065428
Structural studies on **avian myeoblastosis** vi- 065427
of blood groups in two **avian populations.** II 066416

AVIATION
Contribution of **aviation.** [Plant protection] 069922

AVICULTURE
In **European aviculture,** production under c- 062340

AVOCADOS
to heat-induced bitter off-flavor in **avocado.** 063961
physical & energy parameters. [**Avocados**]. 068450
Avocado growers beware of root rot. [Phyto- 069302

AWN
Grass awn penetration in dog. [Stipa, Setar- 066020

AXENIC
graminis f. sp. Tritici in **axenic culture.** 069505
vitamin requirements for **axenic growth** of h- 067702

AXES
tips & specification of **developmental axes.** 066990

AXIS
acid from cotyledon to **axis** in **germinating** 068245

AZALEAS
of several growth retardants on **azaleas.** 068228
effects on shoot development in **azaleas.** 068229
on rooting of three **azalea cultivars.** 068231
of Hygromull on soil fauna in **azalea culture** 071787
position on mean shoot length of **azalea, cv.** 068225
sprays on shoot development of **azalea, cv.** 068226

AZOTOBACTER
of isolation of **Azotobacter bacteriophages** f- 071902
of corn, & **Azotobacter** in **rhizosphere.** 068150

AZULENE
XXII. On a new **azulene** from **Helichrysum** 067487

BABESIA
antiprotozoal compounds **against Babesia** gi- 065388
Babesia canis: Clinical observations in dogs 065602

BACILLARIOPHYCEAE
Himalayas) expedition-ii, **Bacillariophyceae-** 066763

BACILLUS
bacteriosis of Populus trichocarpa. [**Bacillus** 069593
to controversial agents: **Bacillus cereus,** Pse- 063053
activity of disintegrated **bacillus cereus** cell 065690
Toxic effect of heat-treated **Bacillus cerus** c- 066051
for bacteria of genus **Bacillus Cohn.** [Soil m- 071903
of a thermostable toxin in **different Bacillus** 070255
inhibitions of **Bacillus stearothermophilus** v- 063582
Sporulation of **Bacillus thuringiensis** in host 070259
Variable effects of **Bacillus thuringiensis** on 070527

BACITRACIN
of slaughter animals fed **zinc bacitracin.** [Ch- 063179

BACKFAT
on glyceride distribution in **backfat** of **pigs.** 064656

BACON
of assessment of boars of **Estonian bacon** & 064926
containing animal fat for **bacon pigs.** 064842
values in pigs according to **bacon thickness** 064266

BACTERIA
content of carbohydrates. II. **Bacteria.** [Catt- 064626
animals & resistance factors in **bacteria.** 065439
Effect of selected lactic **acid bacteria** on gr- 063032
specificity of some lactic **acid bacteria.** 063483
related to growth of lactic **acid bacteria.** 063525
Bacterial activity & biochemical composition 064533
Study of **antibacterial activity** & bacteriology 067417
Study of **antibacterial activity** of intestinal 070629
for study of growth of **aerobic bacteria.** [Soil 071904
Biological properties of **bacterial agents** cau- 069595
special consideration of **bacteria amylase.** 063701
Bacteriological aspects of raw milk in hard 063153
Bacteria battleground. [Escherichia coli, sw- 065592
technology. [**Biodegradation, bacteria,** fungi] 063425
Occurrence of **bacterial blight** disease on m- 069586
dressings for reducing **bacterial blight.** [Xan- 069600
Bacterial cancer in apricot trees. [Pseudom- 069598
Bacterial canker of mazzard cherries in Cr- 069606
Warning of **bacterial contamination** of stalli- 065163
Automation of **bacterial count** of plate cultu- 063500
Instant method for **bacterial count.** [Milk]. 063501
Limit of **bacterial count** for raw milk at time 063505
Bacterial count in dog urine obtained by pu- 065607
Burkholder) an agent of **bacterial disease** of 069594
Cattle, horses, swine, **bacterial diseases**]. 065269
Bacterial diseases of beech in forests of Car- 069592
Smith) Jensen. [Tomatoes, **bacterial diseases**] 069596
polysaccharide of rumen **bacterium eadie's** o- 064301
between plants & **epiphytic bacteria** regardi- 067908
in dairy plant. [**Fermentation bacteria**]. 063541
Bacterial flora of mosquito larvae & its ent- 070631
Bacterial flora of healthy individuals of Agr- 070963
technology. [Biodegradation, **bacteria, fungi**] 063425
microflora of raw beet sugar. [**Bacteria, fungi**] 063794
of vegetables in 1972. [**Fungi bacteria**]. 069449
Sporulation techniques for **bacteria** of **genus** 071903
soil. IV. Fractionation of **bacteria** in **glycine** 071910
method to measure **bacteriological grade** of 063544

Systematics of **bacteria important** for hygie- 063142
Testing for **bacterial inhibitors** at abattoir of 063211
flex-packs demand: **bacterial & insect** protec- 063093
flagellates & normal **intestinal bacteria** in a 065539
antibacterial activity & **bacteriology** of **latex** 067417
Bacterial leaf spot disease on Amorphophal- 069584
on mode of prevalence of rice **bacterial leaf** 069588
a new method to **measure bacteriological** gr- 063544
Bacterial & menatological evaluation of catt- 065611
Bacterial movement through fractured bedr- 072534
Distribution of **bacteria participating** in sul- 071876
pesticides on some **pathogenic bacteria.** 065559
in fungi & non-**photosynthetic bacteria.** 067602
as a locus of **phytopathogenic bacteria.** II. S- 069601
New **bacteriosis** of **Populus** trichocarpa. [Ba- 069593
Application of **bacterial proteases** in dairy i- 063514
Cottonseed dressings for **reducing bacterial** 069600
Bacterial reduction of sulfates in soils of M- 071730
plants & epiphytic **bacteria regarding** their 067908
on mode of prevalence of **rice bacterial** leaf 069588
Occurrence of **bacterial rot** of raya (Brassica 069604
polysaccharide of **rumen bacterium** eadie's o- 064301
Bacteria Serratia macrescens Bizio responsi- 070557
of Pseudomonas stutzeri. [**Soil bacteria**]. 071717
Studies on psychrophilic **spoilage bacteria** of 063081
action of gamma rays on **bacteria & spores.** 065804
Use of aerobic **sporiform bacteria** in treatm- 065547
Sensitivity of **bacterial strains** isolated from 065452
Subcutaneous bacteria in turkey carcasses. 063030
F. Smith) Jensen. [**Tomatoes, bacterial** dise- 069596
of porcine pneumonia. I. **Bacterial & viral.** 065498
Inheritance of resistance to **bacterial wilt** di- 067298
Bacterial wilt of Cassava (Manihotis utiliss- 069582

BACTERIOPHAGES

of isolation of **Azotobacter bacteriophages** f- 071902
k to Staphylococcus aureus **bacterio phage** 065512
Use of O. And R **Salmonella phage**-test in l- 065551
Study of **bacteriophage specificity** to agents 069597
Phage typing of Staphylococcus sp. isolated 065705

BACTERIOSTASIS

Studies on **bacteriostatic properties** of wild, 069602

BACTEROIDES

rate of respiration in **bacteroids** of **lupine** n- 068168

BAETIS

A new species of **Baetis** [bundyi] (Ephemer- 071151

BAGASSE

of phenolic resin **bagasse particle** board. 066542
A comparative study of **bagasse & wheat** str- 063371

BAGGING

of an insect-resistant **cotton bag.** [Stored pr- 070590
infectious inflammation of **Fabricius bag.** 065887
Sampling of goods kept in **sacks** & in **flat** st- 063703
Meat ripening in **plastic bags.** 063585

BAITS

Glossina pallidipes of different **animal baits,** 070660
system for aircraft used to **apply bait** in im- 070238

BAKING

complex of wheat bread during **baking.** 063781
hydrogen-ion concentration] in **cake baking** 063299
Changes in margarine & **bakery compound** 063458
Biochemical aspects of **deteriorating baking** 070335
Baking food in North America. 063735
requirements of milling & **baking industries** 063741
Baking quality of spring wheat as affected 068687
Evaluation of milling & **baking quality** of sp- 068688
use of alpha-amylase in **bakery** with **special** 063701
Rationale for **baking wheat-**, gluten-, egg-, & 063301

BALANCE

1972 **Balance.** [Rural housing, Belgium, We- 062202
Accounting, balance & unit cost accounting 066182
is searching for solutions to **achieve balance** 062853
Protein content & amino **acid balance** of y- 063266
Acid-**alkaline balance** in White Rock chicke- 064559
Water-electrolyte & acid **alkaline balance** in 066009
Cation-**anion balance** in some calcium carbo- 067623
isotope versus nitrogen **balance criteria** for 072007
Place of sugar in **balanced diet.** 063261
Balance digestibility of organic nutrients in 068212
intestines, & total 15N **balances estimated** at 064632
Rupee 1 spent on **balanced fertilisation** of ri- 062503
consumption, total drain & **forest balance** in 066440
of its removal on **hydromineral balance.** 070777
Camargue & protection of **natural balances.** 072370
for metabolismand **nitrogen balance** trials w- 064246
of faeces & urine in **nitrogen-balance** & dige- 064303
protein & energy levels on **nitrogen balance** 064919
of fertilizer type on **nitrogen balance** in Gal- 071991
Standard isotope versus **nitrogen balance** cri- 072007
on distribution & **processing balance** of some 063275
Where can "**balanced ration**" be produced c- 064052
of research on water & **salt balance** of impr- 071788
Balance sheet. 062815
Studying balance of main nutrients at differ- 072184
for metabolismand nitrogen **balance trials** w- 064246
Production & feed grain **utilization balances** 062943
Ion & **water balance** in ixodid tick Dermac- 070908
*** 070910

BALES

of weather & operation for **hay balers.** 071645

BALSAM

applied nitrogen fertilizers on **balsam woolly** 070534

BALSAMEA

in Pinaceae. [Larix laricina, **Abies balsamea** 066939

BAMBOO

studies on high yield pulping of **bamboo.** III 063370
latiflorus Munro during flowering. [**Bamboo** 067848
status & problems of **bamboo classification.** 066624

BANANAS

Methods of cercosporiosis control in **bananas.** 069329
amino acids in **bananas** & their **behavior** dur- 068359
Studies on **banana black** rot caused by Botr- 069294
ripening & degreening of **banana & citrus** fr- 063990
of cigar-end disease of **banana** in **Iran.** [Vert- 069393
Plant bananas where temperature is right. 068983
Bionomics of **banana pseudostem** weevil, O- 070879
properties of **bananas** during **ripening.** 063951
oxysporum] wilt of **bananas** in **Taiwan.** II. 069301
oxysporum] wilt of **bananas** in **Twaiwan.** I. 069295
A study of use of **banana waste** for paper pu- 064011

BANDS

traits in dairy cattle. VII. **Body band** size u- 064176
Anisotropic **cross-bands** in peritrophic mem- 070919
Formation of girdle, **intercalary bands** & se- 067018
Tobacco vein-**banding mosaic** virus. [Myzus 069618

BANKS

gully control structures & **absorption banks** 072292
Cow stall: **bank** of **farmer.** [Farm managem- 062401
trends shown by statistics of **Bank** of **Italy.** 062535
of grapes & red wines in sands on **left bank** 064020
steppe area of Dnieper River **left bank.** 068867
of some sandy soils of **left bank** of Jiu River 071932
fertilizers on wheat, on sands of **left bank** of 072206
A "**nematode bank**" for production of inocul- 069905

BARBAN

of wild oats in wheat with di-allate & **barban.** 069944

BARGAINING

Court scene in **farm bargaining** & farmer co- 062879
to advance collective **farmer bargaining.** 062877

BARK

New synonymy in **American bark** beetles (S- 071192
of ponderosa pine by **bark beetles.** [Pinus p- 070552
Tannins in **cork bark.** 066522
Laboratory experiments of **Cut bark" treat-** 070233
Chemical composition of **bark** of **Larix** sibir- 068527
Catechins of **bark** of **Larix** sibirica. 068530
amount of catechols in **bark** of **Larix** sibirica 068586
Use of **pine bark** in preparing container me- 069090
Chip **quality, bark** tolerance & fiber yield. 066412
Rotary screening to **remove bark** & foliage 066507
insecticide deposits on leaf & **bark samples** 070662
on basis of dimensions of **bark scars.** 066539
experimental studies on **bark-like species.** [070956
Bark thickness & its part of trunk volume of 066272
Bark & **timber** beetles of Pacific Islands. 071225

BARLEY

malt be predicted from properties of **barley?** 063718
Glycerol & organic acids of malt. [**Barley**]. 063782
bunt of wheat & covered smut of **barley.** [U- 066069
interference study of sperms of **barley.** 066954
overlapping quantitative characters. [**Barley** 067061
induced by other chemicals. [**Barley**]. 067068
Mutation experiments with **barley.** Ii. influ- 067081
in different phases of development in **barley** 067174
mutagens on structural mutations of **barley** 067202
in different phases of development in **barley** 068019
measured root membrane potentials [**Barley** 068056
of different forms of chlorophyll. [**Barley**]. 068104
of phosphours on zinc up take by **barley.** 068127
Very early seeding of wheat & **barley.** 068776
of black loose smut attack on **barleys.** [Usti- 069415
fatua control in spring wheat & **barley.** 070041
efficiency of nitrogen sources for **barley.** 072007
Contribution to winter **barley agrotechnique** 068878
of small malting with new **brewing barley** v- 063309
secalis on **barley** in **Britain.** 069258
heat & drought resistance of **barley & corn.** 068035
from grass roots. [**Corn, barley,** oats]. 068053
subterranean clover & a **barley cover** crop. 067904
of Avena fatua L in spring **barley crops** in 070061
for differentiation between **barley cultivars** 067057
nitrate reductase in leaves of **barley** in **dark** 068076
its use in malting **barley development.** 063775
Occurrence of mutations in **barley due** to ef- 067183
Changes in **barley due** to varying dosages & 067203
Erysiphe graminis, **fungicides, barley].** 070112
sativum P. K. et B. [**Barley, fungus** diseases 069423
in first leaf meristem of **germinating barley** 068061
in mice treated with extracts of **barley grain** 066006
germinability of **barley grains.** I. 063813
can you afford to pay for **barley ground?** [L- 062233
development of **barley** & its **interaction** with 068047
of gibberellin on gamma-**irradiated barley.** 068142
at Ml-a-locus in six pairs of **isogenic barley** 067128
of microflora from **barley kernels** with ethyl- 069275
of Rhynchosporium secalis (**Barley leaf** blot- 069261
a-locus in six pairs of isogenic **barley lines.** 067128
Continuous brewing. [**Barley, malt**]. 063736
on beta-amylase isozymes of **barley malt.** 067153
Micro-brewing & its use in **malting barley** d- 063775
proposal for detection of **barley mildew** irfe- 069532
of phytotron-cultivated **monohybrid barley.** 067164
isolated from rhizosphere of **barley & oat.** 067698
isolated from rhizosphere of **barley & oat** pl- 068071
from grass roots. [Corn, **barley, oats**]. 068053
small grain variety tests, 1972. [**Barley, oats** 068782
Mutations in spring & winter **barley obtain-d** 067175
Microflora of **barley pest** Oscinella pusilla. 071036
aspect of protein turnover of **barley plant** d- 068152
chloride by wheat, oats & **barley plants.** 068195
application on grain yield of **rainfed barley.** 072082
Whole versus **rolled barley** for fattening catt- 064808
lomasome-like formations in **barley roots** in 068164
post-irradiational effects in **barley seedlings** 067889
gibberellin on growth of **barley seedlings** & 068151
methanesulphonate-treated **barley seeds.** 063714
terms of ethyleneimine treated **barley seeds** 067371
Respiration in **barley seeds** treated with mu- 067913
leaf meristem of germinating **barley seeds.** 068061
terms of ethyleneimine treated **barley seeds** 068182
Spring barley world collection; statistical a- 066917
effecto of X-ray irradiation of **spring barley** 067200
of Avena fatua L. Growing in **spring barley.** 067462
Dormancy in seed of **spring barley.** 067903
associated characteristics of **spring barley.** 068048
Growing **spring barley** varieties designed for 068787
Barley & spring mixture with lucerne under- 068826
on control of Avena fatua in **spring barley.** 069995
control of Avena fatua L in **spring barley** cr- 070061
Beauv. during & after growth of **spring barl-y** 069989
In vitro digestibility of **barley straw** treated 064605
irradiation populations of **summer barley.** 1. 067072
postirradiated populations of **summer barley** 067073
on nutrient uptake of **summer barley** in diff- 072185
of ethyl methanesulphonate-**treated barley** s- 063714
terms of ethyleneimine **treated barley** seeds 067371
Trent barley. [Breeding]. 067098
Vanguard barley. [Varieties]. 068882
malting with new brewing **barley varieties.** 063309
of grain & malt of winter **barley varieties** in 063689
of Estonian winter **barley varieties.** 068619
seeding rates on yield of **barley varieties.** 068728
Beacon & Nordic: **barley varieties** for North 068775
Growing spring **barley varieties** designed for 068787
Performance of **barley varieties** to rusts. [P- 069370
of induced mutations in **barley** with **varying** 067197
Stem rust of **wheat, barley,** & rye in Canada 069287
Quality of grain & malt of **winter barley** var- 063689
Mutations in spring & **winter barley** obtain- 067175
productivity of Estonian **winter barley** varie- 068619
Performance of **winter barley** & winter whe- 068759
Contribution to **winter barley** agrotechnique 068878
Spring **barley world** collection; statistical a- 066917

BARNS

Financing of **barns.** 062533
tower as alternatives to **conventional barns.** 071502
corn, grain & mixed feed in **livestock barns:** 064757
This **barn** has ten **months'** manure storage. 071460

BARNYARDGRASS

on content of nucleic acid in **barnyardgrass.** 067834

BARRELS

Barrel-ring planting. 069105

BARREN

Barren lands yield bumper crops. [Saline so- 072280
Barren outlook for CAP. [Common Agricult- 062944

BARTLETT

SEE PEARS

BASAL

Bertalanffy's growth model for **basal area** g- 066211
on accurracy of determination of **basal area** 066293
turnover in pullets fed a **basal & cholesterol** 063255
by rice plant. 5. fate of **basal nitrogen** in pa- 067954
by rice plant. 4. Distribution of **basal & top** 067953

BASALTS

sown pasture on a sulphur **deficient basaltic** 071997

BASIDIOMYCETES

III. How to recognize a **Basidiomycete?** 066725
IIIb. How to recognize a **basidiomycete?** 066726
Basidiomycetes, Phragmobasidiomycetes, U- 070558

BASIDIOSPORES
Germination of **basidiospores** of **Fomes** appl- 066519

BASINS
shelterbelt stands in Lake **Baikal basin.** 066106
forestry operations in Lake **Baikal basin.** 066245
flora of Oltenia identified in **Bistrita basin,** 066816
of Arum species of **Carpathian Basin.** 066607
of loess-paleosoils in **Carpathian basin.** 071960
of vegetation of internal-**drainage basins** as 066874
from settlingand **enrichment basins** of Buda- 066605
of some soils from **hydrografic basin** of Tiju- 071892
of some soils from **hydrographic basin** of Ti- 071890
of listeriosis on farms of Issyk-**Kul Basin.** [065843
L'Her. from eastern **Mediterranean Basin.** 066632
of Lower Pannonian from **Neogenic basin** of 066610
management for Colorado River **Basin pilot** 072424
permeability of soils of **representative basin** 071856
to topoclimate in Boguchar **River basin.** 066324
erosion of soil in Zolkiewka **River Basin.** 072342
erosion control in Zolkiewka **River Basin.** 072343
Characteristics of Zolkiewka **River Basin.** 072479
on a study of erosion in **Sebou basin.** 072255

BASSIA
Galvanised burr. [**Bassia birchii,** control]. 070194

BATHYPLECTES
poastica, parasites, **Bathyplectes curculionis** 070307

BATTERIES
One calf in three fattened in **batteries.** 064672
Evaluating microclimate in **battery raising** of 064232

BAUXITE
Forestry development by a **bauxite mining** c- 066322

BEACON
Beacon & Nordic: barley varieties for North 068775

BEAGLES
a form of retinal dysplasia in **Beagle.** 066011
of a metastatic brain tumor in a **Beagle dog** 065905
Feeding Beagle puppies with Welpi-lac. 064751

BEAMS
of steel-& glass-fibre **reinforced beams.** 066472

BEANS
of nitrogen metabolism in maize & **beans.** 068169
diethylsulphate on some varieties of **beans.** 068492
sesamum with maize & mung. [**Beans**]. 068729
Seed rot & root rot complex of **beans** (Phas- 069251
of fuscous & common blight diseases of **bean** 069585
on some physiological processes of **beans.** 068497
for recording leaf movements. [**Adsuki beans**] 068459
dose of hydrogen phosphide to **adsuki bean** 070422
of heat-induced protection **against bean** ant- 069492
of field studies on control of **bean aphid** Ap- 070381
specificity to agents of **bean bacterioses.** 069597
dose of hydrogen phosphide to **adsuki bean** 070422
for recording leaf movements. [**Adsuki beans**] 068459
III. Germinated & blanched **broad beans.** 063965
X-ray scattering investigation of **broad bean** 069653
compositions of corn seed & **castor bean** dur- 067877
Chemical changes during **cocao bean** fermen- 063436
in beans to strains of **bean common** mosiac 069631
systemic insecticides in **controlling bean** pes- 070464
nodules. [Rhizobium, mung **beans, cowpeas**] 067325
in plant tissue. [Kidney **beans, cucumbers,** c- 068357
varieties & populations of **beans cultivated** 069163
experiments in peas & **dwarf beans.** 069966
content & photosynthesis in **dwarf bean** Pha- 070225
changes during cocao **bean fermentation** usi- 063436
Physiology of seed yield in **field beans** (Vicia 068045
Physiology of seed yield in **field beans** (Vicia 068046
Yield tests of dry **field beans,** 1972. [Kidney 068645
Control of grass weeds in **field beans** (Vicia 069971
repens seedlings in cereals & **field beans.** 070072
of water soluble proteins of **fodder bean** see- 068075
Herbicide evaluation in peas & **french beans** 070012
ethylmetansulfonate on **beans** in **generation** 067381
with glycollate metabolsim in **greening bean** 068391
Beans that **grow** straight up. 069110
extracted soya bean meal, **horse beans** & w- 064635
products: cooked, canned & **instant bean** po- 063954
vulgaris L. cv. Blue Lake. [**Kidney beans**]. 067340
variability in improvement of **kidney beans** 067343
permeability of leaf tissue. [**Kidney beans**]. 067918
of Phaseolus bulgaris. [**Kidney beans**]. 068322
to sodium absorption. [**Kidney beans**]. 068432
as a result of osmotic shock. [**Kidney beans**] 068442
microelements on growth on **kidney beans** (068498
tests of dry field beans, 1972. [**Kidney beans**] 068645
India. [Xanthomonas phaseoli, **kidney beans** 069585
bean Phaseolus vulgaris. [**Kidney beans**]. 070225
biloba, tobacco, strawberries, **kidney beans**] 070279
Hylemya cilicrura Rond. 1. [**Kidney beans**] 070330
biloba, tobacco, strawberries, **kidney beans**] 070997
potassium absorption by **bean-leaf** slices co- 068432
Relationship between age of **bean leaves,** so- 067918
metabolism of c14-assimilates in **bean leaves** 068346
mesophyll conductances of **bean leaves.** 068427
on retention of vitamin B6 in **lima beans.** 063960
germinating Phaseolus lunatus. [**Lima beans** 068245
aminotransferases in **bean & maize** plants. 067998
phosphate dehydrogenase in **bean & maize** p- 068095
aminotransferases in **bean & maize** plants. 068345
phosphate dehydrogenase in **bean & maize** p- 068430
fed in place of extracted soya **bean meal** on 064633
in casein, extracted soya **bean meal,** horse b- 064635
ubiquinone in mung **bean mitochondria:** Pla- 068265
dissociation of southern **bean mosaic** virus. 069685
of bacterial blight disease on **moth bean** (P- 069586
investigation of broad **bean mottle** virus in s- 069653
root nodules. [Rhizobium, **mung beans,** cow- 067325
B553. B557 & ubiquinone in **mung bean** mit- 068265
on rooting of shoot cuttings. [**Mung beans**]. 068439
groundnut & green gram. [**Mung beans**]. 071800
of protein franctions from **navy beans** (Phas- 068273
on processing varieties of **peas, beans** (Phas- 063886
in seeds of plants. [Soybeans, **beans, peas**]. 068081
on processing varieties of **peas, beans** (Phas- 068964
insecticides in controlling **bean pests.** 070464
photosynthesis in dwarf **bean Phaseolus** vul- 070225
in excised leaves of corn & **bean plants.** 070230
cooked, canned & instant **bean powders.** 063954
varieties of **beans** through use of **Reglone.** 069100
A cholinesterase from **bean roots** & its inhib- 068324
several insecticides in control of **bean seed** f- 070330
Studies on Egyptian broad **bean seeds.** III. 063965
water soluble proteins of fodder **bean seeds** 068075
composition of proteins in **bean seeds** under 068318
of artificially waxed green **snap beans.** 063959
Growing **snap beans** in narrow rows. 068952
affecting dissociation of **southern bean** mosa- 069685
fed in place of extracted **soya bean** meal on 064633
contained in casein, extracted **soya bean** me- 064635
Trial results obtained in **soya beans** with 3-i- 069967
in seeds of plants. [**Soybeans, beans,** peas]. 068081
Resistance in **beans** to **strains** of bean com- 069631
water use. [Coffee, **tea, beans**]. 067745
of leaf crinkle virus of **urd bean** [Phaseolus 069643
Reaction of **bean varieties** Phaseolus vulgaris 069736
of hydrogen phosphide to adsuki **bean weevil,** 070422
geotropic reaction of plants. [**Wheat, beans**] 067403
in plants adapted to drought. [**Beans, wheat** 068167
Field trials with Canadian **Wonder beans** in 068971

BEAUVERIA
entomopathogenic fungus **Beauveria bassiana** 067695
Say are infected by **Beauveria bassiana** (Bals 070433
nitrogen nutrition of **Beauveria tenella** (Del. 070962

BEDROCK
movement through **fractured bedrock.** [Water 072534

BEDS
with special reference to that of **bedding.** 070567
in boxes of laying hens on **deep bedding.** 071443
coconut flowers by means of a fluid-**bed dry-r.** 067126
sugar from beets in a **fluidized bed** in conti- 063800
Wide-**bed, narrow**-row cotton: preliminary r- 068623
of stripped rocks in **natural bedding** & in d- 071882
frutescens hybrida as a pot & **bedding plant** 068499
by plants from different soil & **bed-rocks** in 071820
infected sweetpotato **bedding roots** on sprout 069882

BEECHES
Soignes, most **beautiful beech** grove in Euro- 066113
dehydrogenase activities of **beech forest** litt- 071836
Beech forests of Meskheti. [Fagus orientalis 066132
Bacterial diseases of **beech** in **forests** of Car- 069592
sp. nova, a new agent of **beech & fruit** tree d- 069590
natural regeneration of Fagus by **beech nuts** 066330
Red beech 1971. [Fagus sylvatica, managem- 066226
rates of mites (Acari) from **beech-woodland** 070990

BEEF
on state farms in production of **beef.** 062366
Beef: can supplies be increased by switching 062736
Beef: principle of permanent intervention is 062988
of health condition on storability of **beef.** 063079
Paddocks for **beef.** [Cattle, grazing]. 064596
Beef: feeding & management of beef female 064648
Australian beef & veal industry. [Trade]. 062636
of volatile flavor compounds in **boiled beef.** 063620
of females within various **beef breeds.** 064512
Americans attracted by our **beef breeds** of c- 064975
of internal pelvic conformation **beef breeds** 064511
lactate dehydrogenase activity in **beef butt** 063635
Aroma of **canned beef:** gas chromatographic 063618
Aroma of **canned beef:** sensory properties. 063619
deterioration of lean & fatty **canned beef** due 063674
Beef carcass length as related to yield of bo- 063662
Regional supply pattern of **beef cattle** for sl- 062627
Michigan's **beef cattle** industry now & in 19 062956
Latest development of **beef cattle** & swine h- 064115
Rearing of **beef cattle** in an enclosed enviro- 064157
Changing fashions in **beef cattle.** 064207
Beef cattle research in Texas, 1972 agricult- 064210
Raising & fattening of **beef cattle.** 8. 064608
Utilization by **beef cattle** of a cereal suppl- 064617
milk tocopherol levels in **beef cattle** turned 064618
in diet offered to fattening **beef cattle.** 064621
Growth of **beef cattle** fed on maize silage su- 064651
grassland management of **beef cattle.** 2. Diff- 064709
grassland management of **beef cattle.** 3. Effe- 064710
Mineral additives to feed used for **beef cattle** 064770
Triticale & ergot in rations for **beef cattle.** 064783
Nutritional requirements of **beef cattle.** 064820
with volatile fatty acids for **beef cattle** ratio- 064849
sorghum rations for finishing **beef cattle.** 064851
genotype & fattening methods of **beef cattle** 064872
Beef cattle: performance at grass. 064900
selection for yearling weight in **beef cattle.** 064959
economically important traits of **beef cattle** 065009
on subsequent reproduction in **beef cattle.** 065013
Artificial insemination, **beef cattle**]. 065048
management on reproduction of **beef cattle** 065082
performances, & carcass value of **beef cattle** 065132
On inoculating **beef cattle** with Salmonella. 065827
on subsequent reproduction in **beef cattle.** 065934
grassland management of **beef cattle.** 3. Effe- 068691
Effects of mosquitoes on **beef cattle** product- 070642
Keeping **beef cattle** in stalls costing 1000 gu- 071432
Rearing of **beef cattle** in an enclosed enviro- 071465
Mechanization of **beef cattle** rearing. 071580
of internal pelvic **conformation beef** breeds 064511
Region of Uzbekistan **[Beef, contamination]** 063138
bermudagrass hay for wintering **beef cows** in 064848
metabolite levels in pregnant **beef cows.** 064965
on policy of animal husbandry **(beef & dairy** 062860
Fly control on livestock: **dairy, beef,** swine, 070592
Fly control on livestock: **dairy, beef,** swine, 070593
Gamma-irradiation of **beef fat.** Effects on od- 063617
of protein in diet offered to **fattening beef** c- 064621
of cost functions of Northwest **beef feedlots** 062551
Beef: feeding & management of **beef female** 064648
Gemco system of **beef financing.** 062566
grain sorghum rations for **finishing beef** catt- 064851
On regional metabolism of **beef heart** ventri- 064253
b566, & cytochrome c in **beef heart** mitocho- 064319
of conformational change in **beef heart** mito- 064423
Improving beef tenderness: a comparison of 063663
Possibilities for increase of **beef income** by 064869
On **inoculating beef** cattle with Salmonella. 065827
advertising. [Artificial **insemination, beef** ca- 065048
Pasture renovation **intensifies beef** producti- 068682
Keeping beef cattle in stalls costing 1000 gu- 071432
Quality changes in pre-rigor **beef muscle** at- 063628
of cost functions of **Northwest beef** feedlots 062551
plasma metabolite levels in **pregnant beef** c- 064965
Inflation & **beef prices.** 062744
of cattle resources for **producing beef.** 064206
of Japanese cattle in **beef production.** 062481
Beef production in Italy. 062614
Are **beef production** & marketing methods u- 062715
Beef production under magnifying glass. 063016
Industrial technology of **beef production.** [C- 064776
Beef production from exotic & crossbred cat- 064880
Simmental breeds in **beef production** in Uni- 064955
of subclinical parasitism on **beef production** 065588
renovation intensifies **beef production.** 068682
of steers shown at international **quality beef** 065012
Quality changes in pre-**rigor beef** muscle at- 063628
shown at international quality **beef show.** 065012
X environment interactions in **beef sire** eval- 065008
Fly control on livestock: dairy, **beef, swine,** 070592
Fly control on livestock: dairy, **beef, swine,** 070593
Improving **beef tenderness:** a comparison of 063663
conformation of females within **various beef** 064512
Coastal bermudagrass hay for **wintering beef** 064848

BEEHIVES
thoughts on a **beehive fumigator.** 071385

BEEKEEPING
Beekeeper & alfalfa weevil control program. 070307
Beekeeping courses in eastern U.S. & Cana- 071374
of hive stands. **[Beekeeping equipment].** 071384

BEERS
determination of original gravity of **beer.** 063307
Sulfur dioxide content of **beer.** 063311
hop dosage after results of analyses. **[Beer]** 063407
on various properties & constituents of **beer** 063716
of mashing on viscosity of wort & **beer.** 063773
problems of official **beer inspection.** [West 063047
Thin-layer chromatography of **beer phenolics.** 063314
of hydrogen sulphide in **beer** with **selective** 063406
density of worts & **beers** on **temperature.** 063313

BEES
Diagnosing intoxications in **honeybees.** [Apis 071065
of queen behaviour in a colony of **honeybees** 071371
in writings. II. Especially about **bees.** 071377
Questions about dance language of **honeybee** 071387
of European (or milder) foul-brood of **bees.** 071401
thiophosphate) poisoning. [**Bees**]. 071416
used in Poland on honey **bee Apis** mellifica 070280
of honeybee in Taiwan. [Nosema **apis, Apis** 071379
used in Poland on honey **bee Apis** mellifica 071408
found in Japanese **bumblebees, Bombus** schr- 070987
Bumble bees collected by California Acade- 071298

Apparent preference by **bees** for **different** fl- 068321
West Palearctic species of **bee family** Melitt- 071311
Bees in **garden.** 071388
Honey bee visits increase yields of "Orlando 068362
of insecticides used in Poland on **honey bee** 070280
Alarm pheromones of **honey bees.** 071373
Of **bees** & **honey.** [Apis mellifera]. 071376
of preening movements in **honey bee.** [Apis 071378
Queens, queens & more queens. [**Honey bees**] 071386
Honey bee visits increase yields of "Orlando 071389
Mass marking **honey bees** for behaviour stu- 071391
of insecticides used in Poland on **honey bee** 071408
A new parasitic disease of **honey bees** in Bu- 071412
bees for behaviour studies. [**Apis indica**]. 071391
colonies found in **Japanese bumblebees,** Bo- 070987
Cost effectiveness. [**Bee keeping**]. 062510
economically useful traits of **local bees** of B- 071411
L.) Savi ex Hassk.). [**Apis mellifera,** Bombus 068321
intoxications in honeybees. [**Apis mellifera**] 071065
Of bees & honey. [**Apis mellifera**]. 071376
movements in honey bee. [**Apis mellifera**]. 071378
in Taiwan. [Nosema apis, **Apis mellifera**]. 071379
L.) Savi ex Hassk.). [**Apis mellifera,** Bombus 071380
d5 of honey bees (**Apis mellifera** L.) conditi- 071381
dance language of honeybee. [**Apis mellifera** 071387
of some studies in field of **Apis mellifera** pa- 071390
of light intensity states in **Apis mellifera.** 071409
of local bees of Belorussia. [**Apis mellifera**]. 071411
for prevention of diseases of **Apis mellifera.** 071413
used in Poland on honey bee **Apis mellifica** 070280
of queen in a small colony. [**Apis mellifica** 071371
used in Poland on honey bee **Apis mellifica** 071408
blood in adult honey bee (**Apis mellifica**). 3. 071410
history & immature stages of **bee Neofidelia** 070762
of honeybee in Taiwan. [**Nosema apis,** Apis 071379
Bees & **pollination** in Michigan. 067688
pesticide toxicity for **bees** & of **prevention** p- 070270
Two new **sand bees** from Ukraine & Hunga- 071248
growth factor in venoms of **bees, scorpions,** 071054
Volatile cephalic substances of **stingless bees** 070923
on nosema disease of **honeybee** in **Taiwan.** 071379
substances of stingless **bees, Trigona** mexica- 070923
Fruit, **vegetables, bees** & pollination--now & 068404
Honey **bee visits** increase yields of "Orlando 068362

BEETLES

of ponderosa pine by **bark beetles.** [Pinus p- 070552
New synonymy in American **bark beetles** (S- 071192
Linn.) to pulse **beetle, callosobruchus** chine- 070451
Control of **colorado beetle** (Leptinotarsa de- 070256
under which larvae of **Colorado beetle,** Lept- 070433
behavior of rusty grain **beetle, Cryptolestes** 070573
An improved trap to **detect beetles** (Coleop- 070572
Dung beetles as biological control agents for 065535
Yolk deposition in Douglas-**fir beetle** oocytes 070921
active on imagos of large **flea beetles** (Psyll- 068043
Tobacco **flea beetle** overwintering & spring 070357
Flea beetles--troublemaker for seedling suga- 070396
vapona for control of red **flour beetle,** Tribol- 070374
on locomotory behavior of rusty **grain beetle** 070573
of eggs & imago of sawtoothed **grain beetle** 070586
Ground beetle populations near a kraft mill. 070786
Beetle-killed pine estimates. [Dendroctonus 066271
causal agent of mycosis in potato **lady beetle.** 070962
North American Chrysomeline **leaf beetles** 071224
larvae of Colorado **beetle, Leptinotarsa** dec- 070433
pest on Hara Madhu. [**Muskmelons, beetles** 070462
Yolk deposition in Douglas-fir **beetle oocytes:** 070921
Tobacco flea **beetle overwintering** & spring 070357
pine attacked by mountain **pine beetle** & as- 068516
Ground **beetle populations** near a kraft mill. 070786
gram Cicer arietinum(Linn.) to **pulse beetle,** 070451
foveicollis Lucas, red **pumpkin beetle** (Cole- 071091
Sitona beetles (Sitonini) observed on pea in 070498
from haemolymph of **tenbrionid beetles.** [Bl- 070918
Bark & **timber beetles** of Pacific Islands. 071225
for control of red flour **beetle, Tribolium** cas- 070374
on metamorphosis of **beetles Trogoderma** gr- 070774
Flea **beetles--troublemaker** for seedling suga- 070396

BEETS

Effect of paying for **beets according** to sugar 062569
purchasing of sugar **beets according** to sugar 062639
of tapetal tissue of sugar **beet anthers.** 067055
monocarpous tetraploid sugar **beet breeding** 067082
Studies on sugar **beet breeding** for performa- 067083
development of sugar **beet canopy.** I. Leaf a- 068094
Improving **beet cleaners** for mobile storage 071668
of precision machines. [**Beets, corn**]. 071608
Effect of weeds on sugar **beet crop.** 069959
soils in Kazakhstan with a sugar **beet crop** 072326
a base of herbicides for carrot & **beet crops** 070205
for control of aphids on sugar **beet crops** & 070360
in providing high-yield sugar **beet crops** with 072196
a base of herbicides for carrot & **beet crops** 072317
of resistant & susceptible sugar **beet cultiva-s** 069684
regional economics of sugar **beet cultivation** 062608
of developing sugar **beet culture** on farms of 062454
in complex research of sugar **beet culture.** 068740
Industry-like **beet culture** & tasks of plant 069788
New incentive for sugar **beets culture** consi- 070139
Weed & pest control in sugar **beet culture.** 070140
species of tomatoes & **beet** under **different** s- 068331
of extracting sugar from **beets** in a **fluidized** 063800
for weed control in sugar & **fodder beets.** 069957
of forage plants. XXV. **Forage beets.** XXVI. 062799
Forage beets, oleaginous crops. [Weed contr- 070186
of tillage & weed control in **beet-growing** zo- 070206
On irrigating sugar **beets grown** in Sierozem 072463
Mechanical **beet harvesting** in Federal Rep- 068911
Equipment for sugar **beet harvesting.** 071578
A sugar **beet harvesting** machine assembled 071660
Use of sugar **beet herbicides** on sandy soils. 069960
Improving beet cleaners for mobile storage 071668
Sugar **beet industry** in California. 062861
of milk of lime on efficiency of **beet juice** p- 063816
Beet leaf miner--a potential problem for sug- 070395
photosynthesis intensity in sugar **beet leaves** 067982
equipment & ensilaging of sugar **beet** leaves 068664
Selecting equipment for **loading beets** into f- 071667
of carbon dioxide in leaves of **beet** & **maize** 067997
Mechanical beet harvesting in Federal Rep- 068911
On content of amino acids in **beet molasses** 063776
Beet mosaic a declining disease in England 069694
Sugar **beet nematode** as pest of cabbage. [H- 069858
Forage **beets, oleaginous** crops. [Weed contr- 070186
radiation on some **beetroot pigments.** 064036
on subject of protection of sugar **beet plant** 069838
future weed problems in **beet, potato,** & ara- 070011
studies. [Wheat, sugar **beets, potatoes**[. 068758
on perfect stage of sugar **beet powdery** mild- 069468
Sugar **beet production** in EEC. 1. Agricultur- 068628
Sugar **beet protection** under conditions of m- 069851
More attention to sugar **beet pulp.** [Feed]. 064089
On microflora of **raw beet** sugar. [Bacteria, 063794
Some rheological properties of **red beets.** 064003
Beet root has come to stay in Coimbatore. 072099
of sucrose synthetase in sugar **beet roots.** 068161
Location of sugar **beet roots** relative to surf- 068869
of aphids on sugar beet crops & **seed beets.** 070360
as a pretreatment for sugar **beet seeds.** 067920
Effects of sparse sugar **beet sowing** with use 068789
Bolting in early-**sown beet.** 068631
in land use on farms which grew **sugar beet** 062294
Effectiveness of developing **sugar beet** cultu- 062454
On regional economics of **sugar beet** cultivat- 062608
Production & purchasing of **sugar beets** acco- 062639
Sugar beet industry in California. 062861
Storage of **sugar beets.** 063724
On efficient utilization of **sugar beet** waste 063737
for sulfitation of juice. [**Beets, sugar** manufa- 063793
On microflora of raw **beet sugar.** [Bacteria, 063794
Sulfitation of **beet sugar** products. 063798
sulfitation of thick products of **beet sugar** m- 063799
for technological evaluation of **sugar beets.** 063804
Cane raw sugar processing during **beet sugar** 063853
More attention to **sugar beet** pulp. [Feed]. 064089
ration with a high proportion of **sugar beet** 064921
of formation of tapetal tissue of **sugar beet** 067055
physiological features of **sugar beets** & its p- 067056
results & monocarpous tetraploid **sugar beet** 067082
Studies on **sugar beet** breeding for performa- 067083
meiosis in a partially male-sterile **sugar beet** 067121
Obtaining mutations in **sugar beets** through 067177
Trend to breed monogerm **sugar beet.** 067282
male sterility in breeding of **sugar beets.** S- 067301
in pollen grains of aneuploid **sugar beet.** 067375
regulators as a pretreatment for **sugar beet** 067920
regulator for sugarcane & **sugar beets.** 067921
root, & sugar accumulation in **sugar beet** var- 067952
of photosynthesis intensity in **sugar beet** lea- 067982
intensity, yield & sugariness of **sugar-beet.** 067983
period on sucrose contents in **sugar beet.** 068051
fractions in various parts of **sugar beet** & ch- 068070
related substances in developing **sugar beets** 068082
Structure & development of **sugar beet** cano- 068094
of sucrose in plant tissue. [**Sugar beets**]. 068160
role of sucrose synthetase in **sugar beet** roots 068161
correlations between growth & **sugar beet** ti- 068162
of photophosphorylation. [**Sugar beets**]. 068163
It pays to sow early. [**sugar beets**]. 068627
Sugar beet production in EEC. 1. Agricultur- 068628
equipment & ensilaging of **sugar beet** leaves 068664
in complex research of **sugar beet** culture. 068740
yield & quality studies. [Wheat, **sugar beets,** 068758
Effects of sparse **sugar beet** sowing with use 068789
increased rates of nitrogen on **sugar-beet** yie- 068825
between yield & quality of **sugar beets** & ch- 068865
Effect of stand density on **sugar beet** yield. 068868
Location of **sugar beet** roots relative to surf- 068869
caused by fungal root parasites to **sugar beet** 069465
Investigations on perfect stage of **sugar beet** 069468
affecting Phoma storage rot of **sugar beet.** 069474
properties of newly determined **sugar beet** v- 069654
of resistant & susceptible **sugar beet** cultiva- 069684
Beet on subject of protection of **sugar beet** 069838
Pests & diseases in raising of **sugar beet.** 069840
variability in nematode control. [**Sugar beets**] 069847
Sugar beet protection under conditions of m- 069851
Sugar beet nematode as pest of cabbage. [H- 069858
Manganese deficeiency of **sugar beet** in org- 069884
Weed control in **sugar beet:** 1973. 069945
grasses & broad-leaved weeds in **sugar beet** 069958
Effect of weeds on **sugar beet** crop. 069959
Use of **sugar beet** herbicides on sandy soils. 069960
application of Betanil 70 in **sugar-beets.** [W- 070117
New incentive for **sugar beets** culture consi- 070139
Weed & pest control in **sugar beet** culture. 070140
of sym-triazines on wheat & **sugar beets.** 070159
in beet-growing zone of USSR. [**Sugar beets** 070206
Weed & pest control in **sugar beet** culture. 070331
for control of aphids on **sugar beet** crops & 070360
preparations for controlling **sugar beet** insect 070361
bean aphid Aphis fabae Scop. on **sugar beet** 070381
Fighting pests of **sugar beets.** [Insects]. 070398
Equipment for **sugar beet** harvesting. 071578
A **sugar beet** harvesting machine assembled 071660
loads in culture & harvesting of **sugar beets.** 071694
between yield & quality of **sugar beets** & ch- 071946
physiological features of **sugar beets** & its p- 071947
fertilizers on yield & quality of **sugar beets** 071982
Serious shortage of lime in **sugar beet.** [Soil 071998
salt & muriate of potash on **sugar beet.** 072104
fertilizers in providing high-yield **sugar beet** 072196
for maximum production. [**Sugar beets**]. 072204
use of top dressing in culture of **sugar beets** 072224
in beet-growing zone of USSR. [**Sugar beets** 072324
soils in Kazakhstan with a **sugar beet** crop 072326
on crop formation of round **sugar beets** for f- 072455
On irrigating **sugar beets** grown in Sierozem 072463
on economic indices of **beet suppliers** & sug- 062569
between growth & sugar **beet tissues** cultures 068162
Kinematic properties of **beet topper** in root 071703
sugar accumulation in sugar **beet varieties.** 067952
of newly determined sugar **beet viruses** on 069654
On efficient utilization of sugar **beet waste** 063737
cultivars to beet yellows & **beet western** yel- 069684
weeds in spreading virus of **beet yellows** (Be- 069740
rates of nitrogen on sugar-**beet yield** & nutr- 068825
Effect of stand density on sugar **beet yield.** 068868

BEHAVIOR

Behavioral adaptations of cryptic moths. VI 070956
Adsorptive behaviour of acid & ester forms 070229
Behaviour of an **aphid** parasite & its hosts in 070522
Behavior of **artificially** fed lambs. 064274
Ecological & **behavioural comparisons** of thr- 064281
Studies **concerning behavior** in operation of 071685
On **behavior conditional** feeding & lying pla- 064224
Behavior of **cows** in relation to constraints 064475
VI. Correlation between **defensive behaviour** 064985
Diurnal behavior of sugarcane acid invertase 068085
wild swine compared to **behavior** of **domestic** 064519
Feed behaviour of Scolopendra morsitans Li- 071095
component of Canadian forest **fire behavior** 066081
Flight behaviour of cocoa-capsids (Hemipte- 070247
investigations about **flight behaviour** & flight 070767
Investigation of **frictional behaviour** of chem- 066473
on swelling & **gelatinization behaviour** of la- 063814
Some aspects of **hydrothermal behaviour** of 066422
of fungi & moisture on **locomotory behavior** 070573
Behavior of **main** peach varieties in sands of 069165
Behaviour of **microflora** of wheat related to 063855
Effects of shading on **migratory behavior** of 070818
Behavior of **parasite**-entomophagous insects 070297
Fusarium diseases of pea: **Behaviour** of **pea** 069236
Emergence & **behavior** of **pine** moth, Dendr- 070541
conditions on **behaviour** of **porkers.** 064456
of wood particles. I. **behavior** of **pressure** tr- 066490
summer nights on **productive behaviour** of 064406
ratings & repeat **purchase behavior.** 062698
Statistical investigation of **queen behaviour** 071371
Behaviour of **rabbits** blood serum proteins in 065955
Range behavior of Hereford, Hereford X Ho- 064418
cycle starters on th **reproduction behaviour** 065124
Behaviour & **reproductive** functions of anim- 064985
Reproductive behaviour of Orthetrum albist- 071047
specificity on **rheological behavior** of dough 063698
Rheological behavior of molasses. 063715
in bananas & their **behavior** during **ripening** 068359
Behavior of **sclerotia** of Sclerotium rolfsii p- 069477
of undesirable social & **sexual behaviour** in 065033
Behaviour & **social** organization of New For- 064282
Social behaviour of African Equidae. 064582
Behaviour of six **soil**-applied herbicides in s- 070001
Behavior of four **species** of insects in rapese- 070581
Investigations into **behaviour** of two **species** 070850
on transpiration rate & **stomatal behaviour** 067655
relations in crops. 2. **Stomatal behavior** of t- 067940
Abnormal **stomatal behavior** & root resistan- 068263
Storage behavior of artificially waxed green 063959
of Canadian forest fire **behavior system.** 066081
Behaviour of **wheels** of four-wheel drive trac- 071584
Behavior of **wild** swine compared to behavior 064519
Yields & **behavior** of **winter** wheat varieties 068805
Growth & **yield behaviour** of Baldwin apple 071969

BELOSTOMATIDAE

Fabr. (Heteroptera: **Belostomatidae**). 071090

BELTS

ecological observations in **alpine belt** of Afg- 066833
pathogenic on corn in Western **Corn Belt.** 069603
properties of Pinus wood in pine **forest belts** 066562
Growth & moisture sufficiency of **forest belts** 068583
of Pinus sylvestris in pine **forest belts** of Ka- 068600

of simazine & atrazine in **forest belts** of nor- 070155
Growth & moisture sufficiency of **forest belts** 071885
their distribution in **vegetation belts.** 066973

BEMISIA
potato in Taiwan. [Virus **diseases, Bemisia** t- 069703

BENDING
Trials of fescue & **bent cultivars,** 1971-2. [F- 068835

BENLATE
Cytogenetic effects of **Benlate fungicide** on 067292
Two new fungicides. [**Thiobendazole, Benlate**] 069531

BENOMYL
Rreharvest **benomyl application** to increase 063934
benomyl & assay of **benomyl** using **Botrytis** 069240
Fate of **carboxin, benomyl** & thiabendazole 069239
Mutagenic effect of **benomyl** on **Fusarium** o- 067311
activity of **benomyl** by **incoroporation** of fun- 069252
Benomyl promising chemical for leaf & stem 069518
Effect of **benomyl** & some **related** compounds 070718
for determination of **benomyl resudues** in ve- 070704
Long-term protective action of **benomyl soil** 069508
Uptake of **benomyl** by **tea** plant & its effect- 069291

BENTHIC
Benthic algae in water of Neouvielle Massif 066619
structure of **benthic macrophyte** communities 066885

BENTONITE
Use of **bentonite** for **improvement** of propert- 072242

BENZENE
total DDT & HCH [**benzene hexachloride**] 063209
Efficacy of **benzene & nitrobenzene** derivati- 069386

BENZIMIDAZOLES
Effect of **benzimidazole & certain** derivatives 071064
resistant to **benzimidazole fungicides** in nor- 069520
Action of fungicides; **a radical benzimidazole** 069328

BENZOATE
determination of sodium **benzoate and**/or po- 063378

BENZOPYRENE
smoking with spices without 3'4-**benzopyrene** 063593

BENZOQUINONES
of **benzoquinones** by **photosystem** II in pres- 068276

BERBERIS
Soil & **berberis.** 069085

BERMUDAGRASS
Supplementing **coastal bermudagrass** hay for 064599
Coastal bermudagrass hay for wintering beef 064848
Bermudagrass performance test. [Cynodon 068796
matrella & **Bermudagrass** are very **similar.** 068625

BERRIES
Quality standards for stone fruits & **berries.** 063090
weeds of pomaceous & stone fruit & **berries** 069850
Berry composition of Vitis vinifera cultivars 068242
methods of breeding fruit & **berry crops.** 067234
Breeding fruit & **berry crops** relative to int- 067253
Use of freeze-**dried berries** & fruits in special 063552
for industrial grades of **fruit, berry** & grape 063940
volatile components in **grape berries.** 063884
Hormone content of ripening **grape berries** 068444
of phenol substances of skin of **grape berries** 069572
parasites & predators of **grape berry** moth 070420
data of fruit, vegetable, & **berry processing** 062818
Planning fruit & **berry production** in Vestla- 069026
Effect of quantity of seed within **single berry** 069196

BERSAMA
anatomy of leaves of **Bersama abyssinica** Fr- 066948

BERSEEM
Berseem & **fertilizer.** 072109
Performance of **berseem** under **varying** mois- 068730

BESSA
influencing fall emergence of **Bessa harveyi** 070790

BETACYANINS
A modified **Amaranthus betacyanin** bioassay 067778

BETULA
Common birch [**Betula**] & eucalyptus as raw 066532
Common birhh [**Betula**] & eucalyptus as raw 066533
birch seedlings. [**Betula alleghaniensis**]. 072201
of lactide in wood cell wall. [**Fagus, Betula**] 066493
Betula verrucosa, Betula **litwinowii, Betula** 066997
in Pera-Pohjola. [Picea abies, **Pinus, Betula** 066327
phosphorus between Pinus & **Betula plants** 068601
Quercus robur, Tilia **platiphyllos, Betula** ve- 068602
Innovations in culture of **Betula verrucosa** c- 066346
culture of seedlings of **Betula verrucosa** care- 066347
acids of Karelian birch. [**Betula verrucosa** m- 068557

BETULARIA
Adalia bipunctata, Biston **betularia, Adalia** 070876

BEVERAGES
remedy for marketing problems? [**Beverages** 062629
profession of exporter. [**Alcoholic beverages**] 062780
Tropical fruit **beverage bases.** [Guavas, pine- 063930
production of dietetic alcohol **free beverages** 063303

BIBLIOGRAPHIES
Bibliography on "Agricultural marketing in 062792
Herbs & spieces--a **bibliography.** II. 063345
Annotated bibliography on processing variet- 063886
Annotated bibliography on storage of aspar- 063887
Annotated bibliography on storage of leeks, 063888
Annotated bibliography on storage of lettuce 063889
Annotated bibliography on storage of carrots 063890
Annotated bibliography on celery nutrition, 068309
Annotated bibliography on responses of veg- 068310
Annotated bibliography on Camellia spp. (068311
Annotated bibliography on Jerusalem artich- 068312
Annotated bibliography on desiccation to as- 068649
Annotated bibliography on Saccharum spon- 068650
Annotated bibliography on processing variet- 068964
Annotated bibliography on Camellia spp. (068965
Annotated bibliography on mango propagati- 068966
Annotated bibliography on hops--vegetative 069205
A **current bibliography** of Finnish forestry li- 066139
Bibliographic index to pollen morphology of 067047
Bibliography of **scientific** papers of Veterina- 065360
Bibliography of **scientific** papers on Faculty 065368

BICARBONATE
concentration] & carbon **dioxide-bicarbonate** 067639

BICOLOR
SEE COLOR

BIDENS
Brassia **bidens, Brassia** neglecta & Brassica 066615

BILATERAL
A case of **bilateral resection** of femoral small 065942
Bilateral subcostal laparotmony for correcti- 065245

BILE
Rupture of **common bile** duct in dog: a case 066053
Rupture of **bile duct** in a dog. 066052
Studies on **bile-sensitive** lipase. X. Preparat- 067536

BILOBA
SEE PLACENTA

BINDING
AMP [adenosine monophosphate] **binding.** 064365
process uses cement as a **binding agent.** 066569
from maize leaves to **bind** some **derivatives** 068004
Ability of **binding endogenous** water in fish 063429
Effect of **binding** to **muscle** particulate fract- 063681
I. Changes in acridine **orange binding** & sen- 064347
Excretion, plasma-**protein binding** & dosage 065369
Excretion, plasma-**protein binding** & dosage 065370

BINDWEEDS
pale persicaria, knotgrass & **black bindweed** 070137

BINS
plow forces & position of plow in a **soil bin.** 071567

BIOASSAY
A modified Amaranthus **betacyanin bioassay** 067778
Bioassay of **chlorphenamidine** using larvae of 070597
with phytohormones in **growth bioassays.** [F- 068011
A technique for **bioassay** of **insecticide** depos- 070662
as shown by in vitro & in **vivo bioassays** on 069239

BIOCENOSIS
Pteromalidae) in **forest biocoenosis** & probl- 070376
component of **biocenosis** of two **poultry** far- 065688

BIOCHEMISTRY
technology, microbiology & **biochemistry.** 063931
achievements of physiology & **biochemistry.** 064239
preparing for their analysis. [**Biochemistry**] 067605
Actual biochemical block in arg-2 mutant of 067440
Biochemical alterations associated with graf- 068243
Physiological & **biochemical aspects** of pale, 063672
Biochemical aspects of deteriorating baking 070335
Biochemical & biophysical properties of two 071067
Actual **biochemical block** in arg-2 mutant of 067440
protein-deficient diet on **certain biochemical** 064785
Structural & **biochemical changes** during co- 063631
for isolation & **biochemical characteristics** of 065427
Morphological & **biochemical characteristics** 067007
Biochemical characteristics of roots & green 067402
Morphological & **biochemical characteristics** 067717
Biological & **biochemical characteristics** of f- 067893
to lodging & its **biochemical characteristics.** 067990
Biochemical characteristics of electrically & 067992
Biochemical characteristics of black currant 068338
Attempts at **biochemical classification** of Ye- 065892
Comparative biochemical study of constitut- 064338
Bacterial activity & **biochemical composition** 064533
Change in **biochemical composition** of plants 067869
in seed size & in **biochemical composition** of 068559
Biochemical evolution in fire ant venoms. [070888
Physiology & **biochemistry** of **growth.** [Live- 064385
Change of some **biochemical indices** of prote- 064452
Biochemical indices of metabolic functions of 064531
salmonellesis & some **biochemical indices** of 065725
Biochemistry of **malt** kilning. 063719
diet on certain **biochemical parameters** of fr- 064785
Biochemical peculiarities of certain strains of 063565
physiological & **biochemical peculiarities** of 069318
physiology, **biochemistry, photosynthesis** & 067578
Biochemical & **physiological** modifications c- 069562
Biochemical & **physiological** studies of certa- 070941
Some **physiologo-biochemical** properties & 068003
on plaant **physiology, biochemistry,** photosy- 067578
Horses, muscles, **physiology, biochemistry**]. 064393
in physiology & **biochemistry** of **plants.** 067871
Biochemical processes in hard cheese during 063549
some physiological & **biochemical processes** 065096
physiological & **biochemical properties** of m- 067784
Some physiologo-**biochemical properties** & 068003
Comparative **biochemical study** of constitut- 064338
Biochemical study of some specimens of Ro- 068494
irrigation on **biochemical & technological** pr- 068029
Aspects of **biochemistry & ultrastructure** of 067087

BIOCIDES
SEE INSECTICIDES

BIOCLIMATIC
SEE CLIMATE

BIODEGRADATION
technology. [**Biodegradation, bacteria,** fungi] 063425

BIOELECTRIC
Bioelectric activity of poplars of different p- 068560

BIOGENESIS
Biogenesis of **chloroplast** membranes. XII. i- 067770

BIOGEOCENOSIS
Soils of **certain biogeocoenoses** of arid open 066864

BIOHYDROGENATION
as a site for **biohydrogenation** of **unsaturated** 064315

BIOLOGY
on accumulation of **biologically active** subst- 067813
an new group of **biologically active** compou- 070251
Biologic adequacy of fish protein concentrate 063265
Biology & agriculture. 062223
Biology of **Ceuthorrhynchus** assimilis Payk. 070384
treatment of herd, & **biologic characteristics** 065382
of relationship between **biology, control** & 070037
to knowledge of **biology & control** of strawb- 070459
Detection of **biologic cycle** in development of 065731
Soil **Biology Department** & development of 071937
Biology of **development** of generative rose b- 067009
Biologic action of 1,25-**dihydroxy**-vitamin D 065919
Research on **biology, ecology** & control of c- 070458
Diptera). I. **Biology & ecology.** 070565
characteristics of **biology** of **flowering** & frui- 068410
Contribution to **biology** of **fowl** cestode Rail- 065396
contributions to study of **biology** of **fungus** 067621
observations on **biology & harmfullness** of p- 070588
Notes on **biology** of **Hylaeus** cecidonastes 071011
Biology of **Macrophomina** phaseoli in soil s- 069499
Study of **biology** of **malignant** growth & mo- 065644
Some aspects on **biology** of **Mamestra** brass- 071062
Biology of **mycorrhiza** in Ericaceae. I. isolat- 067733
observations on their **biology** in **Northern** E- 071198
years of research on marine **plant biology** at 067473
Biology of **Pollenia** rudis, cluster fly (Dipte- 070789
Biology & rearing methods of New Guinea 070873
in field of **biology** of **reproduction** in animals 065059
Reproductive biology of Selaginella. I. Dete- 067767
On **biology** of **seed** germination of Ammode- 067408
Present trends of study of **soil biology** in U- 071897
Soil Biology Department & development of 071937
Biology of **Thysanosoma** actinioides (Cestoda 065582
Immature stages & **biology** of **Zelus** socius 070778

BIOMETRICS
Biometrical analysis of variability in a spider 071368

BIONOMICS
Bionomics of **banana** pseudostem weevil, O- 070879
Observations on **bionomics** of **dark**-sided cu- 070787
Bionomics of **Matsumuratettix** hiroglyphicus 069705
Bionomy of **Taeniarhynchus** saginatus & Cy- 063180

BIOPHYSICS
Effect of **biophysical environmental** conditio- 070526
method of studying **biophysical processes** of 071923
Biochemical & **biophysical properties** of two 071067

BIOPSY
A technique for **liver biopsy** in sheep. 065257

BIOSPHERE
utilization of **biosphere** in **relation** to enviro- 072563

BIOSTIMULATION
with hormonal-**tissue biostimulants.** 064528

BIOSYNTHESIS
Studies on chlorogenic **acid biosynthesis** in 068455
Biosynthesis of **branched**-chain amino acids 067631
Biosynthesis of **branches**-chain amino acids 067632
Study of **biosynthesis** of **catechins** & flavono- 067840
Biosynthesis of **cytokinins** in cytokinin-auto- 063777
Biosynthesis of **ergot** alkaloids. [Claviceps]. 067792
Studies on **biosynthesis** of **furocoumarins** in 068255
Glycoprotein biosynthesis. LvI. Regulation 064328
Solanum alkaloids: **biosynthesis** & **inhibition** 063122
Lipid biosynthesis in bovine mammary cells 064399
Biosynthesis of **mannosyland** glucosyl-phos- 063756
Biosynthesis of **milk** protein. 064382
Biosynthesis of **milk** fact. 064383
precursor in **biosynthesis** of **nonacosane** ib 068317
Biosynthetic pathway of rRNA in blue-green 067425
Biosynthesis of **phosphatidyl** ethanolamine 068353
Biosynthesis of **plant** sterols. 067788
Studies on **squalene biosynthesis** in Sarcoph- 070890
beets, with reference to **sucrose biosynthesis** 068082
Biosynthesis of **unsaturated** fatty acids by h- 067909

BIOSYSTEMATICS
Biosystematic relations between a thelytok- 070847
Biosystematic relations between a thelytok- 070848

BIOTIC
Interactions among **biotic variables** affecting 069280

BIOTYPES
of wheat stem rust **pathogen biotypes.** [Pucc- 069435

BIPHENYLS
of **biphenyl** & **orthophenylphenol** in citrus f- 063117
Polychlorinated biphenyls. [Food contamina- 063075
Persistance of **polychlorinated biphenyls** (P- 070673

BIRCHES
variation of quantitative indices of **birch.** [B- 066997
Common birch [Betula] & eucalyptus as raw 066532
Free amino acids of **Karelian birch.** [Betula 068557
Vertical structure of **larch-birch** stands of 065542
of radiation chemistry **modifying birch** wood 066494
stimulates growth of yellow **birch seedlings.** 072201
litter of sedge (Carex pilosa) **birch stands** of 066362

BIRCHWOOD
chemically plasticized **birchwood modified** by 066473

BIRDS
Candidiasis in **birds.** [Candida tropicalis, Ca- 065568
airports & other objects **against birds.** 069750
game feed], a grain sorghum for **game birds** 068797
in farm animals & **birds** in **Hungary.** 065745
Nasal mites of **birds** from **Louisiana.** Vi. New 070617
public works on **bird populations.** 072528
some Brassica oilseed varieties. [**Bird rape,** 068422
blood antihemagglutinins of **birds vaccinated** 065741
Wild birds & chemicals. [Pollution]. 072529

BIRTH
months of age for two groups of **calving** at s- 064711
feed requirements before & after **calving.** 064773
is energy deficit eliminated after **calving?** [064876
vasopressin in mare during **parturition.** 065021
Advancement of **calving.** 065039
date of insemination of cows after **calving.** 065073
genkel' (on a centenary of his **birth**). [Botan- 066586
of chlamydial infection in **neonatal bovine** g- 065522
Diseases of **newborn calf;** Results of ITEB i- 065288
of blood in cow-mothers & **newborn calves.** 064533
bovine intestinal origin for **neonatal calves.** 065383
cases of acute enteritis of **newborn calves.** 065677
of colienteritis in **newborn calves.** [Colibacil- 065829
related to time of **calving** from using **cows** of 065054
New ways in treatment of **birth damages** & 065967
Fetal & **neonatal development** of Sinclair (s- 064371
Testing of bulls by **difficult parturition** from 065141
Progeny testing by **easy calving** & few calf l- 065142
in dairy cows from **calving** to **gestation.** 064428
of macromolecules by **neonatal guinea** pig, 064439
pathogenesis of **parturition hypocalcaemia** c- 065941
practice. [Baby pigs, **mortality, parturition**] 065168
Common trees with ovine **perinatal mortality.** 065414
environmental factors on **multiple births,** w- 064935
kinase in rabbit during fetal & **neo-natal** per- 064291
Common trees with **ovine perinatal** mortality 065414
in cow uterus during **postpartum period.** 064541
in rabbit during fetal & neo-**natal periods.** 064291
Haematopoiesis of **newborn piglets** & effect 064334
Studies on anemia in **newborn piglets.** 065981
Heat regulation of **newborn rabbits:** Some p- 064458
early weaning on **postpartum reproduction** of 065017
Blood volumes of fetal & **newborn sheep.** 064478
hygienic examinations on **twin calving.** 064930
ewe-raised lambs from **birth** to 19 **weeks** of 064279
Heritability estimate of **birth weight** in Ra- 065006
factors on multiple **births, wool** production 064935

BISULFITE
of combining production of **bisulphite** & **acid** 066421

BITING
Putting bite on pasta. [Food pastes]. 063133

BITTER
Relation between pre & post-**harvest bitter** 069794
contributing to heat-**induced bitter** off-flavor 063961

BIURET
Comparison of **biuret** & **urea** in molasses as 064853

BIVOLTINE
reproduction in **bivoltine pondskaters** (Hem- 070833

BLACK
Evaluation of knots in **black alder** (Alnus gl- 066539
Studies on **banana black** rot caused by Botr- 069294
Blackberries without **black bears.** 069111
pale persicaria, knotgrass & **black bindweed** 070137
Leghorn & Lyallpur Silver **Black breeds.** 064405
Leghorn & Layllpur Silver **Black breeds.** [065004
internal defect in **black cherry.** [Prunus ser- 066563
Cucumber black root rot caused by Phomop- 069237
Biochemical characteristics of **black currant** 068338
selecting breeding stock for **black currants.** 067244
analogues on adult emergence of **black flies** 070602
Night activity of **black flies** (Diptera, Simuli- 070986
study of three species of **black-flies** of genus 071352
Migration of **black fly** larvae (Simuliidae) d- 070948
Quantitative makeup of **black** & **gray** Karak- 065150
Leghorn & Lyallpur Silver **Black layers.** 064406
prophylactic treatment of **black leg** of cattle 065854
Height growth prediction for **black locust** on 066316
Peculiarities of **black loose** smut attack on 069415
of volatile compounds in Viet **Nam black** tea 063417
of intercalving period for **Black Pied** cows in 064495
Evaluation of fertility in **Black Pied** Lowla- 065043
Polish **Black Pied** Lowlands cattle. II. 065063
remarks on change of type in **Black Pied** L- 065069
A voice in discussion on **Black Pied** Lowland 065074
Industrial crossing of **Black Pied** cows with 065153
of production properties of **Black Pied** Low- 065206
cacao L.) for resistance to **black pod** caused 069560
Polish Black Pied Lowlands cattle. II. 065063
Seed storage & germination of **black poplar.** 068526
maize rough dwarf virus & **rice black**-streak- 069710
Cucumber **black root** rot caused by Phomop- 069237
Studies on banana **black rot** caused by Botr- 069294
Studies on control of **black scurf** disease of 069358
with common scab of potatoes & **black scurf** 069552
in White Leghorn & Lyallpur **Silver Black** 064405
of White Leghorn & Lyallpur **Silver Black** l- 064406
of White Leghorn & Layllpur **Silver Black** 065004
on resistance of Japanese pear to **black spot** 069398
Effects of fertilization of a **black spruce** sta- 068523
Heart rot of **black spruce** in Ontario. I. stem 069274
rough dwarf virus & rice **black-streaked** dwa- 069710
Fluoride in **black tea.** 063320
volatile compounds in Viet Nam **black tea.** 063417
Theaflavins of **black tea.** 063446
of Cucurbita pepo L. cv. **Black zucchini.** [P- 068371

BLACKBERRIES
Blackberries without **black** bears. 069111

BLACKCURRANTS
SEE CURRANTS

BLACKFACE
SEE SHEEP

BLACKLANDS
gin operating costs in **Blacklands** of **Texas**-- 062588

BLADES
Investigations on stiffness of **bandsaw blades** 066463
Does tartric acid content of **leaf blades** of V- 067392
according to growth of various **leaf blades** in 067950
Saw blades for wood processing. 066465
Optimization of **blade** & of **working** parame- 063428

BLANCHING
SEE BLEACHING

BLAST
host & pathogen in rice **blast disease** by me- 069462

BLATTELLA
d-alletrolone. [Musca **domestica, Blattella** g- 070578
of population density of **Blattella germanica** 070959

BLEACHING
Blanching cleans up. [Broccoli]. 063989

BLEEDING
processes during liberation of **bleeding sap** 067995

BLIGHTS
Epidemiological studies on **Alternaria blight** 069354
Occurrence of **bacterial blight** disease on m- 069586
Occurrence of fuscous & **common blight** dis- 069585
Coryneum blight & other diseases on apriot 069460
new Alternaria [alternata] **blight** of **Datura** 069377
of nitrogen & phosphorus on **early blight** in 069235
susceptible & tolerant celery. [**Early blight**] 069484
of nitrogen & phosphorus on **early blight** in 071990
Marasmius-**blight fungus.** [Ammophila brevil- 069430
of prevalence of rice bacterial **leaf blight.** I. 069588
agent of potato late **blight, Phytophthora** in- 069422
species of Cercospora. [**Blight, Plants**]. 069293
Attempts to control **potato blight** with man- 069448
Control of **potato blight** on field grown tom- 069450
Southern blight & guar production in Rolling 069558
Phytophthora [infestans] **blight** of **tomato.** 069323

BLIND
into an outbreak of **blindness** in **chicks.** [Av- 065499
prevention of damages from **blind milking.** 071672

BLISTER
Pinus mugo, a new host for **comandra blister** 069512

BLOAT
conditions associated with **feedlot bloat.** 064661

BLOOD
of stimulating collateral circulation of **blood** 064271
epithelium (closure) & transport into **blood.** 064439
G globulins isolated from lymph & **blood.** 064267
Urea in **blood** & **ammonia** in rumen during f- 064920
between **blood antihemagglutinins** of birds v- 065741
Arterial blood supply of sinus node of mules 064454
for leukocyte cultivation of full **bovine blood** 065036
of carboxyl-methylcellulose. [**Bovine blood**] 065316
with respects to character of **blood catalase.** 065095
Morphological changes in **blood** of **cattle** wi- 065793
Fine structure in **blood cells** of Japanese qu- 064463
production characters & **blood characters** in 065000
animals. II. Glucose in **blood** under **cold** co- 064568
Automatic device for **blood collection** in an- 065270
Blood & **colorstrum** gamma-globulins in cas- 065703
Kazakh Merinos [Sheep, **blood composition**] 064530
disease immunisation on white **blood count** 065581
biochemical composition of **blood** in **cow**-mo- 064533
of metabolic functions of **blood** in **cows** acco- 064531
test to samples of sera & **dried blood** from c- 065882
Blood electrolytes in cattle-serum sodium & 064398
Mating, **blood feeding,** & oviposition of Sim- 071072
Intramural **blood flow** & blood volume in s- 064254
Mammary **blood flow** & changes in circulati- 064379
growth hormone in **blood** of **goat** at milking 064433
Changes in **blood groups** of hens after hybri- 064981
Genetical study of **blood groups** in two avian 066416
reserve in Thoroughbred **horse blood** in win- 064244
Study of **insect blood** in adult honey bee (A- 071410
Intramural blood flow & blood volume in s- 064254
Blood levels of sulfonamide after intravenous 065336
Mammary blood flow & changes in circulati- 064379
Mating, blood feeding, & oviposition of Sim- 071072
Some indices of **blood metabolism** in reinde- 064543
certain endocrine factors & **blood metabolite** 064413
phosphate levels in **blood** of **normal** dairy c- 064482
epithelium ("losure) & transport **ot blood.** 064440
fattening of gilts with 62.5 **percent blood** of 064909
Peripheral blood picture, uric acid & some e- 065887
by progesterone assay in **peripheral blood** in 064940
Peripheral **blood picture,** uric acid & some e- 065887
with lower doses on **blood picture** of rats. 066026
irradiation of middle flow on **blood picture** of 066027
with high doses on **blood picture** & mortality 066028
according to Klotz's method. [**Blood plasma** 064304
Electrolyte level in **blood plasma** of White 064558
carbamyl transferase & **blood plasma** urea of 064924
of level of agent in **blood plasma** & lung tis- 065425
Studies on nitrification of **blood,** in **presence** 072112
Behaviour of **rabbits blood** serum proteins in 065955
Chronic catheter in pig ear. [**blood sampling** 065281
evaluation of red & **blood sausages** in comm- 063040
of calcium in feeds & **blood serum.** 064099
between proteins of **blood serum** & weight i- 064490
of alkaline phosphatase of **blood serum** in s- 064527
Cholesterol of **blood serum** in relation to le- 064532
Blood serum lysyl-arylamidase activity in d- 064535
of eserine-resistant esterase of **blood serum** 064579
of glycoand lipoproteins in **blood serum** & in 064970
protein composition of **blood serum** of breed- 065149
Decline of agglutinins in **blood serum** of hei- 065409
Change in protein spectrum of **blood serum** 065683
Levels of oxytetracycline on **blood serum** of 065694
Behaviour of rabbits **blood serum** proteins in 065955
of southern Kazakh Merinos [**Sheep, blood** 064530
Oxygen saturation of **blood** of **sheep** after o- 065989
Microscopic study of **blood** & **smear**-prints f- 065873
Arterial **blood supply** of sinus node of mules 064454
Amino acid composition of **swine blood** in re- 064534
of Betamethason on **blood** & **synovial** fluid 065968
Practical applications of **blood typing.** [Catt- 064954
Intramural blood flow & **blood volume** in s- 064254

Blood volumes of fetal & newborn sheep. 064478
mouth disease immunisation on **white blood** 065581

BLOSSFELDIANA
sensitiveness of Kalanchoe [**blossfeldiana**] s- 067429

BLOSSOM
SEE FLOWERS

BLOTCH
Rhynchosporium secalis (Barley **leaf blotch**) 069261

BLOWFLIES
muscle myofibrils from **blowfly, Sarcophaga** 070803
muscle myosin from **blowfly, Sarcophaga** bul- 070804

BLUE
observations on occurrence of oat **blue dwarf** 069724
efficiency in virus transmission. [**Blue dwarf** 070375
observations on occurrence of oat **blue dwarf** 070412
types & metals in **blue flowers** & fruits. 067679
Blue fox breeding season. [Arctic foxes]. 065051
Blue-green algal flora of Ragasthan. 066764
Biosynthetic pathway of rRNA in **blue-green** 067425
cytological chemistry of **blue-green** algae. 067435
glucose dehydrogenase activity in **blue-green** 067630
Carotenoids of **blue-green** algae. significance 067865
in Phaseolus vulgaris L. cv. **Blue Lake.** [Ki- 067340
Aftereffect of red & **blue light** on activity of 067998
Effect of **blue light** on activity of carboxylat- 068095
Aftereffect of red & **blue light** on activity of 068345
Effect of **blue light** on activity of carboxylat- 068430
Effect of **blue & red** light on photophosphor- 068344
of cucumber seedlings in **blue & red** lights. 068395

BLUEBERRIES
affecting fresh market **blueberry demand.** 062618
Highbush blueberries for commercial & ho- 069056
growth & productivity of **highbush blueberry** 072003
cassandrae f. vaccinii on **lowbush blueberry** 069277

BLUECOMB
Survival of **bluecomb agent** in embryonating 065390

BLUETONGUE
with animal movement. [**Bluetongue, foot-a-** 065436
during expression of **bluetongue virus** geno- 065826

BOARDS
Plantations supply **Argentine board** plant w- 066568
of Narcissus flowers in fibre-**board boxes.** 063895
manufacturing of wood based **cement boards** 066450
manufacturing of wood based **cement boards** 066454
properties of wood based **cement board.** 066566
A reflection on **board** making in **cylinder** m- 066483
Europe's plywood/**particleboard industries** c- 066570
Modern particle **board manufacturing** from 066439
Particleboard manufacturing process uses c- 066569
of agricultural **marketing boards** for price st- 062611
State trading, agricultural **marketing boards** 062764
National Live Stock & **Meat Board's** commi- 063641
Modern surface treatment of **particle boards** 066436
Surface quality of treated **particle boards** & 066437
utilization of fiberand **particle boards.** [Stat- 066469
operation at manufacture of **particle boards** 066475
of phenolic resin bagasse **particle board.** 066542
Bases of stress properties in **sandwich boar-s.** 066438
of **particleboards** from six **tropical** harwoods 066451

BOARS
SEE SWINE

BOGS
rotation system in drained **bog-carbonate** soi- 072225
of forage & vegetable crops in **loamy bog-po-** 072123
heat & water-air conditions of **loamy, bog-p-** 072465
watermelon & cucumbers in **meadow-bog** soi- 066919
Habitat conditions & vegetation of **peat bog** 066887
Morphology & vegetation of **peat bogs** of M- 066889
of Oribatei in developed **peat bogs** in Gor'ki 071256
Determining hydrolytic acidity of **peat-bog** 071814
Recultivation of exhausted **peat bogs.** 072338
quality of winter wheat in **bog-podzolic** soils 068196
a favorable structural state of **bog-podzolic** 071926
Forms & supplies of nitrogen in **bog-podzolic,** 071944
fertilizers & manure mixes on **bog-podzolic** 071979
on annual legume crops in **bog-podzolic** soil 071984
of spider fauna of Estonian **upland bogs.** 071422

BOILING
Determinting **high-boiling aromatic** substan- 064021
of volatile flavor compounds in **boiled beef.** 063620
Rise in **boiling point** & supersaturation of s- 063850

BOLETACEAE
testaceoscabrum (Secr.) Sing. (**Boletaceae**) 070980

BOLETUS
Boletus amarus Pers. ex Vitt. (Boletus radi- 066741

BOLLS
relative humidity on **boll retention** of cotton 067957
bollworms, tobacco budworms & **boll weevils** 070404

BOLLWORMS
insecticide tests for **controlling bollworms,** t- 070404
Growth of cotton spotted **bollworm, Earias** 070321
Bollworm outbreaks on cotton in Arkansas: 070309
Bollworm population trends at Dell & New- 070310
moths to normal moths of **spotted bollworm** 067978

BOLTING
Bolting in **early**-sown beet. 068631
on growth, bulb formation & **bolting** in **leeks** 068415

BOMBUS
Hymenoptera: Apidae). [**Bombus**]. 071298
L.) Savi ex Hassk.). [Apis **mellifera, Bombus**] 068321
schrencki & **Bombus pseudobaicalensis** (Hy- 070987

BOMBYX
to obtain & store semen of **Bombyx mori** L 071372
new wealth for Mato Grosso. [**Bombyx mori** 071382
of ethylmethanesulphonate in **Bombyx mori** 071383
of growth & development in **Bombyx mori.** 071397
*** 071399
acid nutrition of silkworm, **Bombyx mori.** 071400
virus structure in **Bombyx mori.** 071404
Energetics in development of **Bombyx mori.** 071407
Antheraea polyphemus, **Bombyx mori**]. 071393

BONDING
Effect of sulfhydryl groups & **disulfide bonds** 063691
Fiber bonding & tensile stress-strain propert- 066551
Role of **hydrogen bonds** in forming structure 063740

BONES
of ionizing irradiation on **bone deformations** 066025
Central inlay **bone graft** for correction of ra- 065219
changes in composition of **log bones** in fema- 064372
Vitamin A & **bone metabolism** in rat. 064436
Bone-metastasizing squamous-cell carcinoma 065937
length as related to yield of **boneless retail** 063662
composition of neat's foot & **shin bone** of c- 063633
In vivo **bone strain** recorded from thoracic 064424
Constitutional weakness of **swine bones.** 065948
Differentiation staining of **bone tissue** on to- 065214

BOOKKEEPING
SEE ACCOUNTING

BOOKS
Breeding methods & **herd book** keeping in c- 064987
Group of workers' plan & **housekeeping book-** 066283
Amaryllis **year book,** 1973; general amaryllid 069114

BOOPHILUS
larvae of cattle tick **Boophilus microplus.** 070597

BORAGINACEAE
genus Symphytum L. of **Boraginaceae family** 066636

BORATES
Anti-**insects borate** treatment of green oak f- 070540

BORDERS
relationship between **border disease,** mucosal 065723
on soil entomofauna of **bordering meadow** l- 071000

BOREAL
Atlantic-boreal Sphagnum pylaesii Brid. in 066641

BORERS
of Indian timbers to marine **borer attack** at 066487
mays Linn.) against maize stem **borer, Chilo** 070339
in maize in relation to stem **borer, Chilo** zo- 070340
as a predator of sorghum stem **borer, Chilo** 070342
to study of peach twig **borer ecology** (Anars- 070895
Evolution of medium **quality borer** resistant 067283
Oriental sugarcane top **borer Scirpophaga** n- 071291
a promising parasite of **sugarcane borers.** 070349

BORIC
TMTD & **boric acid**--effective chemicals for 069552

BORING
Pest status of British wood-**boring insects.** 070528

BORON
method for determination of **boron conten** t 067773
of application & types of **boron fertilizer.** 067566
Boron levels in stems, leaves, & flower parts 068367
In Sambalpur cauliflower **needs boron.** 072098
absorption & translocation of **boron** in **oil** p- 067567
absorption & translocation of **boron** in **oil** p- 072021
absorption & translocation of **boron** in **oil** p- 072022
guava (Psidium guajava L.) to **boron spray.** 068394
accumulation of **boron** in **various** organs of 067401

BORRELIA
On preservation of **Borrelia anserina** strains 065697
rays on spirochetes of **Borrelia anserina** spe- 065732
Study of serotypes in **Borrelia anserina.** [Sp- 065760
of Vibrio coli & "**Borrelia** like **organisms**" in 065692

BOS
Susceptibility of **Bos indicus** & Bos taurus c- 065714
effeciency & viability in tow **Bos indicus** & 065011
with X-chromosome in cattle (**Bos taurus**). 065143

BOTANISTS
Melius Juhasz (1536?--1572). [**Botanists**]. 066572
Alexander Curt Brade. [**Botanists.** 066576
Titius Pinus Vendel, 1801-1884. [**Botanists**] 066577
index for graphic identification of **botanists.** 066582
Lebedev (on his 70th birthday). [**Botanists**] 066585
on a centenary of his birth). [**Botanists**]. 066586
pedagogical & public activities). [**Botanists**] 066594
Gregor Mendel, 1822--1884. [**Botanists**]. 066597
of his 70th birthday. [**Botanists**]. 066601
Ilse von Nolde, 1889-1970. [**Botanists**]. 068508
Plants, nomenclature, Harry **Hall, botanists** 066670
creative cooperation of **Ukrainian botanists** 066602

BOTANY
On **botanical application** of some procedures 066579
in some agronomical & **botanical characters** 067135
effect of fertilizers on **botanical composition** 068008
Effect of **botanical composition** on utilization 068874
effect of fertilizers on **botanical composition** 072041
Effect of **botanical composition** on utilization 072229
Botanical excursion in western Tien Shan. 066644
To history of **Botanical Garden,** University 066578
of Conservatory & **Botanical Garden** & of I- 066581
Goteborg's **botanical garden.** 066588
Noah's Ark in green. [**Botanical gardens, G-** 066593
Code of **Botanical Nomenclature.** 066631

BOTRYODIPLODIA
Fusarium **solani, Botryodiplodia** theobromae 069242

BOTRYTIS
mold in red clover. [**Botrytis anthophila**]. 069445
from healthy & **Botrytis cinerea** infected ca- 068282
Botrytis fabae, **Botrytis cinerea,** & Ascochy- 069230
assay of benomyl using **Botrytis cinerea.** 069240
from healthy & **Botrytis cinerea** infected ca- 069249
fungicide treatments. [**Botrytis cinerea**]. 069282
berries on development of **Botrytis cinerea** 069572
control of **Botrytis & Cladosporium** leaf mo- 069458
Early Botrytis [cinerea] rot of grapes & its 069234
Fungi of **genus Botrytis** Micheli in Lithuania 066920

BOTTLING
acetate: comparison of **bottle-raised** versus 064279

BOTTOMLAND
between top-grazing & **bottom-grazing.** 064709

BOTULISM
against Aujeszky's disease, rabies & **botulism** 065693

BOVINE
for estimation of milking efficiency of **cows** 064178
Results of milk productivity testing of **cows** 064185
of milking capability evaluation of **cows.** 064186
Energy rating of milk productivity of **cows.** 064233
hormone] & milk production in **cow.** 064353
circulation during lactation in goats & **cows** 064379
bound iodine & reproductive ability of **cows** 064450
Milk formation in milk gland of **cow.** 064473
Mid-cycle-follicle in **bovine.** 064502
rumen contents & ketosis formation in **cows** 064542
weaning on postpartum reproduction of **cows** 065017
influence on reproductive capacity of **cows.** 065044
Causes of infertility & sterility in **cows.** 065065
research at University of Wyoming. [**Cows**] 065078
On course & diagnosis of ovulation in **cows** 065155
operations in artificial insemination of **cows** 065158
control of pregnancy dates in **cows.** 065160
Prophylaxis of infertility in **cows.** 065161
for inducing sexual function in **cows.** 065162
reference to reproduction capacity in **cows.** 065197
of a duodenal bridge fistula in **cows.** 065227
Surgical treatment of sucking in **cows.** [Vices 065289
for constrictive pericarditis in a **cow.** 065323
injection of Borgal-Hoechst in **bovine.** [Chr- 065425
Experimental infection of milk gland of **cows.** 065474
of pregnancy on antibody response in **cows.** 065518
of control measures against mastitis in **cows** 065728
On incidence of endometritis in **cows.** 065822
for health evaluation of milk gland in **cows.** 065885
treatment of retained placenta in **cows.** 065969
of mammary gland tissues in **cows.** II. 065979
tissue of mammary gland in **cows.** 065980
Oxytocin for retention of afterbirth in **cows** 066000
rumen contents & ketosis formation in **cows** 066002
Cows: from pasture to parlour. [Farm road] 071421
Dairy cattle stall for 1000 **cows.** 071429
of Paranaplasma sp. in erythrocytes of a **cow** 065534
When your **cows abort.** 065246
Bovine abortions in five northeastern states, 065458
functions of blood in **cows according** to stag- 064531
isolated from cases of **acute bovine** mastitis 065612
of calves with a **bovine adenovirus.** 065386
cells induced with **bovine adenovirus** of 3-D 065644

Ration fed to **cows affects** horn flies.[Haem- 064707
different groups, vaccinated **against bovine** b- 065409
Studies on vaccines **against bovine** ephemeral 065412
of various feeding levels of buffalo **cows aged** 064913
lipid metabolism in **bovine arterial** tissue. 064395
Oestrous cycles in **Ayrshire cows** before & a- 065154
bermudagrass hay for wintering **beef cows** in 064848
metabolite levels in pregnant **beef cows.** 064965
for leukocyte cultivation of full **bovine blood** 065036
of carboxyl-methylcellulose. [**Bovine blood**] 065316
depreciation problem in dairy **cow breeding** 062320
groups, vaccinated against **bovine brucellosis** 065409
of various feeding levels of **buffalo cows** aged 064913
of neat's foot & shin bone of **cow, buffalo** & 063633
you need to know to get more **cows** in **calf.** 065037
Drug ergotism in newly-**calved cows** with di- 066055
vitamin complex on body of **cows & calves.** 064539
date of insemination of **cows** after **calving.** 065073
of fat-free lean tissue from **cow carcasses.** 063661
case of rusterholz syndrome in a **cow caused** 066074
A case of **bovine Cesarean** section complicat- 065353
in heifers & **cows** by means of **chlormadinon** 065181
with Chlamydia psittaci in a **closed bovine** 065382
components of intact **bovine collagen** fibres 064313
Immunological studies on **contagious bovine** 065619
of Brahman & Brahman-**cross cows** to a co- 064854
Advice on fattening **culled cows** by grazing. 064865
Occurrence of **bovine cysticercosis** in region 065743
of depreciation problem in **dairy cow** breedi- 062320
Food utilization in lactation. [**Dairy cows**]. 064335
glucocorticoid, & progestin in **dairy cows** fr- 064428
levels in blood of normal **dairy cows.** 064482
Physiological state of **dairy cows** in connect- 064538
bermudagrass hay for lactating **dairy cows.** 064599
uses of food waste by-products for **dairy cow** 064609
Conditioning **dairy cows** to eat tainted grass 064673
of high energy feeding for **dairy cows.** 064706
on productivity of beef cattle & **dairy cow.** 064710
Response of **dairy cows** to two systems of di- 064743
supplementary feeding of **dairy cows.** 064774
on nutritive value of urea for **dairy cow.** 064803
A simple grazing system for **dairy cows.** 064829
of hereditary factors in **dairy cows.** 064984
of udder pathogens from culled **dairy cows.** 065615
on productivity of beef cattle & **dairy cow.** 068691
quantities of roughage to **dairy cows.** 064844
of production abilities in adult **dairy cows** of 064922
Milking a **cow demands** skill. 064193
of respiration rate of **cows** with **different** life 064578
time of calving from using **cows** of **different** 065054
ketosis & liver dystrophy in **cows** in **district** 065982
Downer-cow-yndrome. 065914
Chronic poisoning in **cows due** to organic-p- 066056
for recovery & transfer of **bovine eggs.** 064963
dismutase reaction of **bovine enzyme** with h- 064325
on vaccines against **bovine ephemeral** fever. 065412
plasma progesterone levels in **cow & ewe.** 065016
On metabolism of sucrose by a **cow fed** prot- 064503
milk yield & composition in Jersey **cows fed** 064619
protein supplement for lactating **cows fed** c- 064653
composition of milk obtained from **cows fed** 064791
Neutralizing activity of **bovine foetal** sera a- 065614
Molecular weights of **fractionated bovine** mi- 063520
Study of **bovine francaiellosis** & of its causal 065733
Nursing **Friesian cow:** A new production of 064180
Nursing **Friesian cow.** [Calves, fattening]. 064182
for leukocyte cultivation of **full bovine** blood 065036
Prevention of mastitis in **cows** in **Great** Brit- 065786
chlamydial infection in neonatal **bovine gut** 065522
isolated from milk of **healthy cows.** 063199
Chlamydia psittaci in a closed **bovine herd:** 065382
by simple testing methods in **Holstein cows.** 064122
oxytocic activity in lactating **Holstein cows** 064427
growth on productivity of **Holstein cows.** 1. 064711
case of atrial fibrillation in a **Holstein cow.** 065918
in treatment of **bovine hypocalcaemia** with 065951
coli infections in calves & **immunized cows.** 065703
of feed rations for **cows** on **incidence** of dise- 064896
Diagnosis of **infectious bovine** rhinotracheitis 065373
A serological survey of **infectious bovine** rhi- 065670
calf kidney cells with **infectious bovine** rhin- 065689
in reducible components of **intact bovine** col- 064313
of Chlamydia psittaci of **bovine intestinal** or- 065383
acid composition of **bovine intramuscular** & 063623
on milk yield & composition in **Jersey cows** 064619
on proteoglycans obtained from **bovine knee** 064327
only protein supplement for **lactating cows** 064653
on productivity & health of **lactating cows.** 064747
Ketosis in pregnant sheep & **lactating cows:** 065912
Protein requirements of **cows** for **lactation.** 064694
Necropsic examination of **leukemic bovines** 065911
Causes & control of **bovine leukosis.** 065229
New apparatus for **lifting cows.** 065300
effect of vitamin A loss in **bovine liver.** 063282
A combined **lyophilised rinderpest-**CBPP [p- 065621
certain endocrine glands of **bovine males.** 064369
Lipid biosynthesis in **bovine mammary** cells 064399
reference to industrial-like **cow management** 064603
isolated from cases of acute **bovine mastitis** 065612
pesticide residues existing in **cow milk** betw- 063116
of whey proteins & casein of **cow's milk** on 063519
weights of fractionated **bovine milk** casein m- 063520
Characterisation of surface of **bovine milk** fat 064322
on yield & composition of **bovine milk.** 064431
of heredity of proteins in **cow's milk.** 065192
pesticide residues existing in **cow milk** betw- 070707
suggestions for supply of **milking cows** with 064603
Keeping **mother cows.** 064139
composition of blood in **cow-mothers** & new- 064533
affecting tenderness of **bovine muscle.** 063622
energy-induced-changes in **bovine muscle** pi- 063624
Bovine mycoplasmas: genome size & base c- 065524
of porcine, ovine & **bovine myoglobins** at fr- 063625
in slaughtered pregnant **native cows** & cara- 065058
of chlamydial infection in **neonatal bovine** g- 065522
employing antibody to **bovine neurophysin.** 064352
Distribution of **bovine paratuberculosis** in 065400
evidence of **bovine paratuberculosis** (Johne's 065598
insulin concentrations in **parturient cows.** 064429
characteristics of **bovine parvoviruses.** 065511
of intercalving period for Black **Pied cows** in 064495
Industrial crossing of Black **Pied cows** with 065153
acyl transferase reaction of **bovine plasma** i- 064453
on contagious **bovine pleuropneumonia.** XIV 065619
ovarial cysts in **cows** with use of **potassium** 065984
Production & control of **bovine PPD** [purifi- 065408
on liver dystrophy in high-**producing cows** 065983
Desaminooxytocin) on **puerperal bovine** ute- 065355
Behavior of **cows** in **relation** to constraints 064475
iodine determination in **cows** in **relation** to 065212
Mastitis in **cows** in **relation** to industrial-sca- 065695
Diagnosis of infectious **bovine rhinotracheitis** 065373
survey of infectious **bovine rhinotracheitis** in 065670
cells with infectious **bovine rhinotracheitis** (065689
of some economic traits in **Sahiwal cows.** 065005
rinderpest virus & **antirinderpest serum.** 065495
cases of ovarian tumors in **cows & sows.** 065940
deaminase (ADA) in **bovine species.** 064296
Cow stall: bank of farmer. [Farm managem- 062401
related to reproduction of **cow stocks** in dai- 065116
dermatitis (**bovine streptothricosis**). 065429
Open cubicles for **suckler cows.** 071419
On stability of **bovine superoxide** dismutase: 064422
of lymphatic-leukemia **suspected cows.** 065359
D-glucosamine metabolism in **bovine thyroid** 064328
findings in monkey & **bovine tissues.** 064352
Treating cows for afterbirth retention. 065995
test for detection of **bovine trypanosomal** an- 065883
a conformational change of **bovine trypsin** by 064420
of allergic diagnosis of **bovine tuberculosis** in 065672
physiological features of **cow udders** of Leb- 064547
phosphorus metabolism in **cow uterus** during 064541
on puerperal **bovine uterus.** 065355
of secretory elements of **cow vagina.** 064540
I. Selection of **rinderpest virions** with delay- 065621
inoculation with **virulent rinderpest** virus & 065495
Bovine virus diarrhea--mucosal disease (B.V 065875
vaginal secretion of **cows** with **vulvovaginitis** 065696
of fluorine in rations of high-**yield cows.** 064749
Downer-**cow-yndrome.** 065914

BOXES

Report of state of a wheat **box-backing** expe- 063694
of Narcissus flowers in fibre-**board boxes.** 063895
vegetables packed in **boxes & glasses.** 063891
regard to ammonia in **boxes** of **laying** hens 071443
Box loafing stall as cold stall. 071431
Plants for **window boxes.** [Varieties]. 069095
Wooden boxes for packing of fruits. 063906

BRACHIARIA

of buffaloes fed with **Brachiaria sp.** (Tanner 066043

BRACHYCERA

family Nemestrinidae (**Diptera, Brachycera**) 071332

BRACKEN

translocation of asulam in **bracken.** [Pteridi- 069953
Control of **bracken** with **asulam** in north of 070074
Review of **bracken control** experiments with 070059
Effect of asulam on **bracken frond** number, 070073

BRACKISH

Effects of **brackish irrigation** water & fertili- 068658

BRACONIDAE

Fish. (Hymenoptera: **Braconidae**), into emb- 070846
Ashmead (Hymenoptera: **Braconidae**). 071289
Foerster (Hymenoptera: **Braconidae:** Mecro- 071296
Apanteles Forest. (**Hymenoptera Braconidae** 071184
study of parasitic potential of **braconid wasp** 070241

BRAHMAN

SEE CATTLE

BRAIN

dimethoate on activity of enzymes of **brain.** 066064
of function of **brain** on **activity** of corpora al- 071398
of animals with size of **body, brain** & energy 064583
mori. XVI. Effect of **brain** & **corpora** allata 071399
transaldolase in **developing brain.** [Chick e- 064526
active fractions of insect **brain hormones** (ac- 070856
correlates of a **metastatic brain** tumor in a 065905
Vascularization in **poultry brain.** 064368
Brain weight, as a function of age in miniat- 064373

BRAN

Determination of fiber & **bran content:** Prin- 063768

BRANCHES

Optimum combinations of **branches.** [Divers- 062335
formation of wood rays in **branch** of **Abies** a- 067059
differences of **bronchial branching** in cattle 064341
of enzymes involved in **branched-chain** amino 064441
Biosynthesis of **branched-chain** amino acids 067631
Biosynthesis of **branches-chain** amino acids 067632
of gibberellin A-3 on **dimorphic branch** syst- 067772
combinations of **branches** of **farming** enterpr- 062380
between leaf numbers on **fruiting branch** & f- 068216
results of marketing in **individual branches** 062653
On thermal regime of **oak branches** in places 070545
alfalfa breeding at Ultuna **Branch Station** of 067365
75th anniversary of Ultuna **Branch Station** 068836
Ultuna **Branch Station** of Swedish Seed As- 068837
Data from Ultuna **Branch Station** of Swedi- 068838
papers from Ultuna **Branch Station** of Swed- 068841
75th anniversary of Ultuna **Branch Station** 069149
Ultuna **Branch Station** of Swedish Seed As- 069150
Data from Ultuna **Branch Station** of Swedi- 069151
papers from Ultuna **Branch Station** of Swed- 069153
gibberellin A-3 on dimorphic **branch system** 067772
Branch test studies 1972/73. [Fruit, pest co- 070500
in alfalfa breeding at **Ultuna Branch** Station 067365
75th anniversary of **Ultuna Branch** Station 068836
Ultuna Branch Station of Swedish Seed As- 068837
Data from **Ultuna Branch** Station of Swedi- 068838
Published papers from **Ultuna Branch** Stati- 068841
75th anniversary of **Ultuna Branch** Station 069149
Ultuna Branch Station of Swedish Seed As- 069150
Data from **Ultuna Branch** Station of Swedi- 069151
Published papers from **Ultuna Branch** Stati- 069153
on development of **various branches** of prod- 062447
Branching in **vegetative** phase of Tabernae- 066925

BRANDING

to consumer loyalty for private **food brands** 062706

BRASSIA

Brassia bidens, Brassia neglecta & Brassica 066615

BRASSICA

cyanazine)For weed control in **brassicas.** 070051
juncea. [Brassica nigra, **Brassica carinata**]. 067350
for control of **Chortophila brassica** on cabba- 070442
control of annual weeds in **Brassica crops.** 069952
Herbicide evaluation in **Brassica crops**-1968 070038
Weed control in **Brassica crops** on organic s- 070048
Weed control in **fodder brassicas** & vegetabl- 070049
in biosynthesis of nonacosane **ib Brassica** ol- 068317
of bacterial rot of raya (**Brassica juncea** Coss 069604
requirement of raya (**Brassica juncea**) crop 072416
Haploid frequencies in **Brassica napus.** [Ra- 067097
Effect of salinity on some **Brassica oilseed** v- 068422
in stored seeds of **Brassica oleracea** L. [Cab- 064037
varieties of early cabbage (**Brassica oleracea** 067145
of white early cabbage (**Brassica oleracea** var 067146
Brassia neglecta & **Brassica wageneri.** 066615

BRASSICAE

tobacco seed plantation. [**Barathra brassicae** 070366
of cabbage moth (**Barathra brassicae**) in nat- 071100
of Agrotis ypsilon & **Barathra brassicae** in 071107
conditions. [Erioischia **brassicae, Biological** 070418
of cabbage aphid (**Brevicoryne brassicae** L.) 070456
its food & host plants. [**Erioischia brassicae**] 070499
of cabbage root fly **Hylemya brassicae** (Bou- 070520
aspects on biology of **Mamestra brassicae.** 071062
Fatty acids of fat body of **Pieris brassicae** L 070503

BREAD

gluten structure control. [**Breadmaking**]. 063711
Texture of **bread.** 063734
Lipoxygenase action during **bread** making: 063785
force, hardness & brittleness in **crisp bread,** 063762
of flours in view of **bread manufacture.** 063784
of ascorbic acid in white **bread processing.** 063700
enzymolysis in relation to **bread quality.** 063695
fertilization on grain, flour & **bread quality** 068689
for processing properties of **bread rye.** 063697
Low-**scale bread** making trial. 063779
formation of aroma complex of **wheat bread** 063781
of gliadin composition in **bread wheat,** Triti- 067130

BREAKAGE

inhibitors during **breaking** of **dormancy** in A- 068545
Breaking down pectins. [Swine, Fruit juices 063899
Break-even technique as an aid in cotton en- 062344
possible soil erosion control in **broken land** 072346
crop response of a **newly broken** organic soil 072004
by eyespot disease without **stem break?** rec- 069327

BREAKDOWN

alkyl group on **breakdown** of some O-**alkyl** 068093
grain direction on **dielectric breakdown** stre- 066485

BREAST
saw timber stems based on **breast height** di- 066202

BREEDING
DL) & Deutsches Edelschwein (DE) **bred** in 064516
On way to wonder swine. [**Breeding**]. 065046
of sows & boars relative to age. [**Breeding**]. 065103
components in Caucasian sheep. [**Breeding**] 065186
Trent barley. [**Breeding**]. 067098
wheat & their grain quality. [**Breeding**]. 067221
Wheat from Mironowsk. [**Breeding**]. 067278
new varieties of alfalfa in USSR. [**Breeding**] 067304
Jan. 1, 1959--Dec. 31, 1968. [**Breeding**]. 069118
in swine farms for fattening & **breeding.** 071425
clover--results of plant **breeding activities** in 068839
Alfalfa breeding. 067353
Species crosses in **alfalfa breeding** at Ultuna 067365
assisted instruction in **animal breeding.** 064995
of reproduction process in **animal breeding.** 065193
Managing cross-**bred animals.** [Dairy cattle] 064155
ame to Brno. [Plants, **breeding, animals**]. 065023
information in ranking of **breeding animals.** 065107
Hygiene problems of **breeding animals** on u- 065335
ame to Brno. [Plants, **breeding, animals**]. 067293
Introduction & **breeding** of **apple** trees in fo- 067245
Cattle **breeding area** Weser-Elbe. 065137
Cattle **breeding area** Weser-Ems. 065138
topic: Baden-Wurttemberg **breeding area.** 065139
Breeding for **autosexing** in commercial chic- 065061
Studies on sugar **beet breeding** for performa- 067083
furthering fertility & for **breeding biological** 065114
on feeding of **breeding boars** used for artific- 064862
mineral metabolism in **breeding bulls.** 064884
sperm production of **breeding bulls.** 064889
Evaluating **breeding bulls** & increased multi- 065171
of artificially infected **breeding bulls.** 065676
composition of blood serum of **breeding bulls** 065149
measures to be organized at **calf-breeding** c- 065333
Major characteristics of **cattle-breeding** far- 062357
animals in dairy **cattle breeding.** 062471
in U.K. exports of **breeding cattle.** 062630
Poland's possibilities of **breeding cattle** exp- 062745
Development of slaughter **cattle breeding** in 064168
of blood typing. [**Cattle, breeding**]. 064954
dairy development & **cattle breeding.** 064986
Cattle breeding in Armenia. 065091
Cattle breeding area Weser-Elbe. 065137
Cattle breeding area Weser-Ems. 065138
Cattle breeding program topic: Baden-Wurt- 065139
of Russe ranks first in **cattle breeding.** 065202
mastitis, a major problem of **cattle-breeding** 065752
toxicity hypothesis in **breeding cattle.** 066042
Democratic Republic **breeding centres.** 062768
Breeding cereals for quality. [Wheat]. 067281
Problems of **breeding citrus** crops & means 067233
Some problems on **breeding cold**-resistant li- 067318
Methods of **breeding** of **Collembola** for labo- 070996
in nationally-owned **combined breeding** & fa- 064214
into operation pig-**breeding complexes.** 062470
poultry dressing & **breeding complexes.** 065317
to be organized at calf-**breeding complexes.** 065333
of different laboratory **breeding conditions** 071076
depreciation problem in dairy **cow breeding** 062320
Fruit **crop breeding** operations in Transcarp- 067386
Managing **cross-bred** animals. [Dairy cattle] 064155
Interest in **cross breeding** mink. 065050
indicum Montgomery, 1906 in a **cross-bred** 065506
zephyrantheae report. [**Culture, breeding**]. 069119
A hybrid **dragonfly bred** from egg laid by S- 071050
of female cattle (**Estimating breeding** value) 065114
to get more cows in calf. [**Breeding, estrus**] 065037
Evaluating breeding bulls & increased multi- 065171
Genetic & **breeding evaluation** of plus stands 066350
Progress & problems in **breeding farm** crops 067355
characteristics of cattle-**breeding farms.** 062357
quality of swine on **breeding farms** of Ukrpl- 065099
Survey of half-**bred fillies** in Halland. 064140
Newly **bred forage** sorghum variety "Senda- 068686
problems of seed culture. [**Forestry, breeding**] 066344
Blue **fox breeding** season. [Arctic foxes]. 065051
Objectives & methods of **breeding fruit** & b- 067234
Methods of **breeding fruit** & vegetable crops 067252
Breeding fruit & berry crops relative to int- 067253
Theoretical basis for **grape breeding.** 067228
Trends & results of **grape breeding** in Mold- 067242
Breeding grape varieties for increase in qual- 067255
Breeding grapes at Georgian Scientific Rese- 067231
Survey of **half-bred** fillies in Halland. 064140
Breeding hard & soft winter wheat for quali- 067216
Feeding of young **breeding hens** of meat type 064794
Sources for **breeding high**-quality commercial 067254
collection of plants in **breeding** new **high**-yie- 067265
investigation from **breeding histogenetic** poi- 067181
Montgomery, 1906 in a cross-**bred Holstein** 065506
his influence on world Arab **horse breeding** 065072
Brown Swiss **hybrids --interbreeding.** [Cattle 064988
Measures of **breeding hygiene** & experience 065127
Breeding hygienic examinations on twin cal- 064930
On measures for **improving breeding** & seed 067232
a major problem of cattle-**breeding industry** 065752
ejaculate of artificially **infected breeding** bul- 065676
collection for selection of **initial breeding** m- 067063
Expanded reproduction to **intensify breeding** 065117
Effect of different **laboratory breeding** condi- 071076
Keeping sows for **breeding** in **larger** farms. 071426
of estrous cycle in **livestock breeding.** 1. 064934
environment in **livestock breeding.** 065067
of animal industry. [**Livestock, breeding**]. 065085
for selection of initial **breeding material,** wi- 067063
Breeding methods & herd book keeping in c- 064987
of alterations in plant **breeding methods.** 067335
problems of Triticale **breeding methods.** 067336
Interest in cross **breeding mink.** 065050
bulls & increased **multiple breeding** of herd 065171
Research on mutations & **mutation breeding** 067179
problem of selecting for **breeding mutation** 067180
mutagenesis & **mutation breeding** of plants 067194
Mutation breeding in Czechoslovakia. [Plan- 067198
of protein-rich wheat by **mutation breeding.** 067286
Breeders need descriptions of Alstroemeria 066787
Newly bred forage sorghum variety "Senda- 068686
New **Norwegian breeding** plan. [Dairy cattle 064994
Current status & outlook for **breeding nut** t- 067257
on Camellia spp. (**omitting breeding** & genet- 068311
Planning of **breeding operations** in commerc- 065166
for canning & their **breeding operations.** 067250
Fruit crop **breeding operations** in Transcarp- 067386
Breeding of peas today. 068840
Utilization in **breeding** of some **phenotypic** 065077
putting into operation **pig-breeding** complex- 062470
for obtaining good results in **pig breeding** u- 065127
purchasing & distribution of **breeding pigs.** 062749
Breeding places of bollk-sucking mosquitoes 070625
New Norwegian **breeding plan.** [Dairy cattle 064994
quality requirements on **plant breeder.** 067169
of utilizing mutations in **plant breeding.** 067185
Section of All-Union **Plant Breeding** & Gen- 067216
is offered to agriculture by **Plant Breeding** 067321
Trends of alterations in **plant breeding** met- 067335
Genetics & **plant breeding** in German Demo- 067337
mutagenesis in Poland. [**Plant breeding**]. 067184
Reko red clover--results of **plant breeding** a- 068839
Mendel ame to Brno. [**Plants, breeding,** an- 065023
Genetic basis for **potato breeding** for resista- 067227
Tasks in **potato breeding** & seed culture. 067235
measures for improving **potato breeding** & s- 067239
yield at seedling stage in **potato breeding.** 067269
Potato breeding in Poland. 067280
Genetic basis for **potato breeding** for resista- 069819
Breeding potatoes for early ripening. 067229
Breeding potatoes for increased amounts of 067241
Breeding primary leguminous grass crops. [067306
Breeding more **productive** sheep. 064977
Cattle **breeding program** topic: Baden-Wurt- 065139
Breeding program for Bulgarian Red cattle. 065188
of efficiency of pure **breeding programs.** II. 062584
of effectivity of pure **breeding programs.** I. 065134
of efficiency of pure **breeding programs.** II. 065140
evaluation of effectivity of **pure breeding** pr- 065134
valuation of efficiency of **pure breeding** prog- 065140
some principles of **breeding** for **quality.** 067224
Breeding of **red** clover & outlook for its cul- 067305
from German Democratic **Republic breeding** 062768
Advances in **breeding** for **resistance** to disea- 064925
bases of **resistance breeding** of crops. 067322
of pathogenic fungi for **breeding** of **resistant** 069454
Breeding of **Rhodotorula** glutinis with an in- 067369
Blue fox **breeding season.** [Arctic foxes]. 065051
wheat for quality in Wheat **Breeding Section** 067216
Breeding & seed culture of heterotic hybrids 067226
scientific research in **breeding & seed** culture 067248
Regular tasks in field of **breeding & seed** cu- 067249
of physiology in **breeding & seed** culture pr- 067251
for scientific research in **breeding & seed** cu- 067256
Breeding & seed culture operations with ve- 067260
Methods of **breeding seedless** grapes. 067238
On **selecting breeding** stock for black curra- 067244
Utilization in **selective breeding** of some ph- 065062
Reflections concerning **sheep breeding** in H- 064929
raising meat production in **sheep breeding.** 065198
Evaluating quality of **breeding** base of **soft** w- 067215
Five years of **sorghum breeding.** 067295
Feed costs for young **breeding sows.** 062558
in feeding & care of **breeding sows.** 064763
Breeding spring wheat for increasing grain 067214
Method of **breeding spring** wheat for disease 067261
On **breeding spring** wheat for irrigated farm- 067263
Breeding spring wheat for irrigation farming 067356
types at Dzhambul **State Breeding** Station. 065152
Union of **Breeding Stock** Production Enterp- 065053
On selecting **breeding stock** for black curra- 067244
of Study Group of **Stock Breeder.** [Grapes]. 069192
Introduction & **breeding** of **stone** fruit crops 067258
male sterility in **breeding** of **sugar** beets. S- 067301
Current views on **swine breeding.** 065045
thoughts concerning modern **swine breeding** 065047
Swine breeding in Szczecin province. 065066
Breeding of **swine:** heterotic hybrids. 065086
Actual problems of **Triticale breeding** meth- 067336
crops & its utilization in **breeding** in **USSR** 067243
of female cattle (Estimating **breeding value**) 065114
On **breeding varieites** & hybrids for irrigated 067230
Results & objectives of **breeding varieties** of 067247
mutagenesis in **breeding vegetable** crops in 067196
Trend in **breeding vegetable** crops for canni- 067236
Breeding vegetable crops for adaptability to 067246
winter wheat for quality in **Wheat Breeding** 067216
Gentic basis for **breeding wheat** for grain qu- 067218
Means of **breeding wheat** for high grain qual- 067219
Wheat breeding in Czechoslovakia. 067279
Winter **wheat breeding**--its trends & selecti- 067338
Breeding winter wheat varieties with high-q- 067220
A new method of **breeding Witloof** chicory. 067079
reproduction to intensify **breeding work** on 065117
basis of planning of **breeding work.** 065188
topic: Baden-**Wurttemberg breeding** area. 065139
Breeding for **yellow** Amaryllis hybrids. 067329
Feed costs for **young breeding** sows. 062558
Feeding of **young breeding** hens of meat type 064794

BREEDS
Influence of **breed, age,** & ejaculation frequ- 064962
Effects of **breed & age** classification on live 065012
of internal pelvic conformation **beef breeds** 064511
of females within various **beef breeds.** 064512
Americans attracted by our **beef breeds** of c- 064975
Leghorn & Lyallpur Silver **Black breeds.** 064405
Leghorn & Layllpur Silver **Black breeds.** [065004
components as affected by **breed & body** reg- 063612
White New Zealand & **Californian breeds.** 065203
with visible effect in Swiss **cattle breeds.** 064942
On combining ability between **certain breeds** 065191
Resistance potential of **certain breeds** of do- 065893
of young bulls of dairy & **combined breeds** r- 063671
Use of inter-**breed crossing** in improvement 065204
point of view of lines of **breeds Deutsches** V- 064516
pigs of White Improved **breed, differentiated** 064264
Large White & from **Esthonian breed.** 063602
Effect of diet & **breed** on **fatty** acid composi- 064731
in central Kazakhstan & of **breed groups.** 062593
properties of pigs of White **Improved breed,** 064264
Use of **inter-breed** crossing in improvement 065204
blood of Large White & **Landrace breeds.** 064909
features of cow udders of **Lebedin breed.** 064547
sodium & potassium level in **local breeds.** 064398
Lebedin crosses with bulls of **meat breeds.** 065165
in wool productivity of **Merino breed.** 064259
slaughter qualities of **mixed breed** swine. [L- 065100
Trend to **breed monogerm** sugar beet. 067282
age & **breed** on some **morphoproductive** indi- 064525
in adult dairy cows of Bohemian **Pied breed** 064922
effectiveness of sheep **breeds raised** in centr- 062593
bulls of dairy & combined **breeds raised** int- 063671
subcutaneous fat as related to **breed & sex.** 063623
economic effectiveness of **sheep breeds** raised 062593
of Finnish & Romanov **sheep breeds.** 064974
of plasma esterase in some **breeds** of **sheep** 069800
Use of Carolais & **Simmental breeds** in beef 064955
White, Mirgorod & Landrace **swine breeds.** 064506
slaughter qualities of mixed **breed swine.** [L- 065100
in tow Bos indicus & two Bos **taurus breeds** 065011
of young breeding hens of meat **type breeds;** 064794
qualities of some **varieties** of a three-**breed** c- 065191
in embryonic liver of **various breeds** of swine 064507
of meatiness in swine of **various breeds.** 064546
of swine skeletons of **various breeds** during 064548
of individual muscles in **various breeds** of sw- 064840
results of trials in raising **various breeds** of 064972
linear growth of swine of **various breeds.** [L- 065102
bacon & Estonian Big **White breeds** on basis 064926
in some wool traits in a coarse **wool breed** of 063610
pigs in Pietrain & Spotted **Zlotniki breed &** 064466

BREVICORYNE
of cabbage aphid (**Brevicoryne brassicae** L.) 070456

BREWING
Use of lactic acid malt in **brewing.** 3. Direct 063717
of small malting with new **brewing barley** v- 063309
proteus, a **common brewery** contaminant. 063394
Continuous brewing. [Barley, malt]. 063736
Brewing industry in German & European c- 063306
Micro-brewing & its use in malting barley d- 063775
nitrogen content in **brewing** with **unmalted** 063310
Methods of **brewery waste** management. 072564

BRIGHTENERS
SEE ILLUMINATION

BRINE
Quick determination of **brine concentrations** 063600
Bloater formation in **brined cucumbers** ferm- 063123
in fermentation of **brined cucumbers.** 063124
salt recovery system for spent **pickle brine.** 063956

BRINJAL
SEE EGGPLANTS

BROADBEANS
Broadbeans (Vicia faba L) in nutrition of p- 064686
in relation to cell cycle. [**Broadbeans**]. 067275
achromatic lesions (gaps). [**Broadbeans**]. 067310
caused by organic peroxide. [**Broadbeans**]. 067347
I. Yield & yield components. [**Broadbeans**]. 068045
L.) iI. Dry-matter production. [**Broadbeans**] 068046

Vicia faba root-meristem cells. [**Broadbeans**] 068054
primary root of Vicia faba L. [**Broadbeans**] 068077
Ehrlich ascitic carcinoma cells. [**Broadbeans** 068137
cinerea, & Ascochyta fabae on **broadbean** (V- 069230
indices in Vicia faba seedlings. [**Broadbeans**] 069932
effect in meiosis of Vicia faba. [**Broadbeans**] 069933
cells. [Chromosome **aberrations, Broadbeans** 067379
in non-aqueous media. [**Tobacco, broadbean,** 067651
Effect of **broadbean true** mosaic virus, com- 069699
treatment of **broadbean** with **water** extracts 067070

BROADCASTING
Broadcasting of **grain** with coulters fed pne- 071569
Problem of **broadcast seeding** in nurseries. 066381

BROCCOLI
Blanching cleans up. [**Broccoli**]. 063989

BROILERS
SEE POULTRY

BROMACIL
to pronamide, terracil & **bromacil.** 070083
by subtoxic levels of **bromacil, fluometuron,** 067917

BROMEGRASS
to Pyrenophora bromi in **bromegrass.** [Bro- 069276
orchard grass & **bromegrass yields** & profits 062512

BROMIDES
Yeast mutants resistant to **ethidium bromide** 067308
lipase or magnesium **methyl bromide.** [Lard, 063410

BROMINE
Distribution of **chlorine, bromine** & iodine in 071792

BROMODEOXYURIDINE
Sensitizing effect of 5-**bromodeoxyuridine** (067162
effects of 5-**bromodeoxyuridine** on **external** 071045

BROMOXYNIL
Perfusion studies with **bromoxynil octanoate** 070719

BROMUS
yields & profits. [**Dactylis, Bromus**]. 062512
of seven parents of **Bromus inermis** Leyss & 067125
bromi in bromegrass. [**Bromus inermis**]. 069276
tetraploid (2n=28) **Bromus pumpellianus** S- 067093

BRONCHIAL
differences of **bronchial branching** in cattle 064341

BRONCHITIS
disease-infectious **bronchitis inactivated** com- 065537
of Newcastle disease & **infectious bronchitis** 065435
alone or together with **infectious bronchitis** 065712
fixation test for **infectious bronchitis** virus u- 065721
of virus of **infectious bronchitis** of poultry. 065764
of vaccination against **infectious bronchitis** of 065825

BRONCHOPNEUMONIA
in bovine. [**Chronic bronchopneumonia**]. 065425
in treatment of **enzootic bronchopneumonia** 065572
viral) **bronchopneumonia** in **suckling** pigs. 065577

BROOD
Flight period & **brood emergence** in Trypod- 070860
of European (or milder) **foul-brood** of bees. 071401
Effects of heat stress in **brood sows.** 064993

BROOMCORN
Broomcorn variety testing, 1972. 068642

BROOMRAPE
tobacco plant from a **false broomrape** tumor 068106

BROUSSONETIA
SEE MORACEAE

BROWN
typhoides) on grey **brown alluvial** soil & arid 072088
fern from deposits of Sariar **brown coalfield** 066630
of microorganism number in **dark-brown** soi- 071827
Measurement of **non-enzymic browning** of d- 063964
Increase of fertility of **eroded brown** forest 071975
iron concretions in soils of **brown forest** reg- 071734
Increase of fertility of eroded **brown forest** 071975
products in a glucose-**glycine browning** react- 063390
Pennisetum typhoides) on **grey brown** alluvi- 072088
Research concerning **leaf brown** spot of qui- 069388
Nonenzymic browning. VI. Browning produ- 063454
of hard wheats & **browning** of **paste** products 063720
of rice stripe by small **brown planthopper** L- 069619
browning. VI. **Browning produced** by oxidiz- 063454
in a glucose-glycine **browning reaction.** [Fo- 063390
for reduction of resistance to **brown rust** in 069550
of agricultural forage crops on **brown sandy** 068907
of fern from deposits of **Sariar brown** coalfie- 066630
Transmission of rice stripe by **small brown** 069619
Changes of **brown soil** structure at Demano- 071952
microorganism number in dark-**brown soils** 071827
problems of determination of **brown soils.** 071896
Research concerning leaf **brown spot** of qui- 069388
Swiss Brown & Brown Swiss hybrids --inter- 064988
carcass quality of **Brown Swiss,** Native Gray 065183

BROWSING
digestibility of some **southern browse** tissues 064741

BRUCELLA
of two vaccines against **Brucella abortus** inf- 065500
A serological survey for **Brucella abortus** an- 065594
properties of vaccines from **Brucella abortus** 065685
with B-8 strain of **Brucella abortus** vaccine. 065807
Serological incidence of **Brucella-antibodies** 065622
of amino acids in **Brucella** when **cultured.** 065808
of reindeer strains of **Brucella** in **Far** North 065805
On variability of **Brucella ovis.** 3. 065680

BRUCELLOSIS
Brucellosis: New legislative orderings. [Catt- 062991
against bovine **brucellosis, Amostra** B 19. 065409
ring test in survey of **brucellosis** in **Andhra** 065497
Canine brucellosis. 065536
eradication of **cattle brucellosis** in German 065661
On **eradicating brucellosis** from sheep farms 065765
Experimentally **induced brucellosis** in yaks. 065813
prophylaxis for **brucellosis** in **livestock.** 065487
diseases in Kirghizia. [**Brucellosis, ticks**]. 065836

BRUCHIDAE
Caryedon gonagra (**Bruchidae**). 070774
Malagasy species of **Coleoptera Bruchidae** of 071323

BRUSH
Converting brush to tall fescue. [Festuca, cu- 068798

BRYOPHYTES
Foliicolous bryophytes & lichens of Thuja pl- 066655

BUBALUS
SEE BUFFALO

BUCKWHEAT
on diploid & tetraploid forms of **buckwheat** 067377
introduced nutritive factors. [**Buckwheat**]. 067891
photosynthetic apparatus. [**Peas, buckwheat** 068140
anthocyanins & rutin in **buckwheat seedling** 067888
of wheat, maize, & **buckwheat seedlings.** 068138
proteolytic enzyme from **buckwheat seeds.** 067896
Quality & yield of **buckwheat seeds** in relat- 068197

BUDDING
simultaneous application of **budding method.** 069084

BUDGETS
1973 **budget** & **state** aids to agriculture. 062556

BUDS
of Dahlia cuttings & presence & type of **bud** 068434
orange (Citrus sinensis) seeds & **buds.** 068467
fir stem cuttings as related to **bud activity.** 068576
Change in weight of **buds** & **amount** of mois- 068602
of healthy & virus-infected **apple buds** on S- 068243
differentiation of **biennial buds.** [Cabbage. 068337
basis of disparity of **buds** & **blossoms.** [Jasm- 068407
of grapevine inflorescence after **bud burst.** 068235
in cold resistance of **camellia buds.** 068234
or floral development of **cotyledonary buds** 067478
of asparagus through lateral **bud culture.** 069047
Flower **bud dormancy** in Coffea arabica L. I 067669
by cobalt 60 gamma-rays on **dormant buds.** 068349
Dormant buds of Acer negundo L. & their r- 068563
L. I. Studies of gibberellin in **flower buds** & 067669
Critical temperatures for **flower buds.** [Appl- 068350
temperature on development of **flower buds** 068368
Low temperature injury to peach **flower buds** 069793
Electron micrography of **bud formation** in 066987
Morphogenesis of **green buds** in gramma-irr- 066936
of auxins & inhibitors in **honeysuckle buds.** 067590
functional xylem & phloem in **inhibited buds** 068060
of asparagus through **lateral bud** culture. 069047
in Punjab. 1. Foliar injury & **bud mortality** 069823
of development of generative **rose buds** of fl- 067009
Predictability of shoot length from **bud size** 066960
On causes of low water content in **tree buds** 068562

BUDWORMS
instars in spruce **budworm, Choristoneura** f- 070530
Western spruce **budworm damage** affects fo- 070535
populations of western **spruce budworm** & p- 070563
chemicals for control of **tobacco budworms** 070403
controlling bollworms, **tobacco budworms** & 070404
for large-scale rearing of **tobacco budworm.** 071057

BUFFALO
Open space for **buffalo!** [Rearing]. 064202
in diagnosis of echinococcosis in **buffaloes.** [065502
from Indian water buffalo (**Bubalus bubalis**) 065648
antibody response in **buffalo bulls** following 065495
in slaughtered animals. [**Cattle, buffaloes,** s- 065057
infection in West Bengal. [**Cattle, buffaloes**] 065505
of neat's foot & shin bone of **cow, buffalo** & 063633
of various feeding levels of **buffalo cows** aged 064913
Intoxication of **buffaloes fed** with Brachiaria 066043
Quezon province. [Cattle, **horses, buffaloes**] 065596
aspects of composition of **buffalo semen.** 065027
in cattle & **buffalo spermatozoa.** 064997

BUGS
SEE INSECTS

BUILDING
sows for breeding in larger farms. [**Buildings**] 071426
Ready-made **building** for **agriculture.** 071501
Are **building construction** criteria for dairy 062483
Walker **county builds** its food distribution p- 062885
Building economically. [farm structures]. 071494
Building economically. [Farm structures]. 071495
What is tradafarm? [**Farm building** manufac- 071440
in swine stalls: **buildings** & **installations** as i- 071424
Electric heating for **livestock buildings.** 071484
trends--new designs. [**Livestock buildings**]. 071488
Building with **prefabricated** elements in swi- 071425
Results of **building silo** cells. 071447
Building of **warm** stall in less expensive way 071427

BULBS
some climatic factors on durability of **bulbs.** 068355
Studies on South **African bulbous** Liliaceae: 066722
storage rot of onion **bulbs caused** by Fusari- 069361
distribution of infestations of wheat **bulb fly** 070322
day-length on growth, **bulb formation** & bolt- 068415
Lilium bulb production & cultivation. 1. 068925
Effect of temperature on **bulb** & **tuber** form- 068400

BULK
working methods of **bulk fertilizer** chains. 072052
Bulk harvesting & handling of onions. 069169

BULLS
for evaluation of genital organ in **bulls.** 065176
GA) in disorders of spermatogenesis in **bulls** 065177
in some varieties of infertility in **bulls.** 065179
in farm yard manure & fed to **bullocks.** 067463
Selection & utilization of **bulls** in **artificial** i- 065068
mineral metabolism in **breeding bulls.** 064884
sperm production of **breeding bulls.** 064889
of blood serum of **breeding bulls** at Ufa stat- 065149
Evaluating **breeding bulls** & increased multi- 065171
of artificially infected **breeding bulls.** 065676
antibody response in **buffalo bulls** following 065495
Young **Charolais bulls** & corn silage: Condit- 062432
of Black Pied cows with **Charolais bulls.** 065153
Testing of **bulls** by **difficult** parturition from 065141
treatment of cryptorchism in **bulls** & **dogs.** 065178
Osteoarthrosis in young **fattened bulls.** 066003
place requirements of young **fattening bulls** 064224
use of straw meal pellets in **bull fattening.** 064859
Growth & carcass traits of **bulls fed** to point 064852
organization of a slaughter **bull feedlots.** 064209
antibody response in buffalo **bulls following** 065495
activity in seminal fluid of **healthy bulls.** 065209
of growth curves of **Holstein bulls.** 064175
in a cross-bred **Holstein bull** in West Bengal 065506
from ultrasonic measures on **live bulls.** 064211
of fertility in Black Pied **Lowland bulls.** I. 065043
of Lebedin crosses with **bulls** of **meat** breeds 065165
of metabolism in semen of **bulls, rams,** & bo- 065090
on sexual activity of **bulls** & **rams.** 065180
for glycerine treatment of **bull semen** relati- 065084
organization of a **slaughter bull** feedlots. 064209
distribution in size of **bull spermatozoa** hea- 064958
motility collected from **bulls** of **varying** age 064996
Profitability of rearing **young bulls.** 062559
Quality of hides of **young bulls** of dairy & c- 063671
meat quality characteristics of **young bulls** (064815
Zeranol in intensive fattening of **young bulls** 064856
Some aspects on fattening **young bulls** with 064870
bulls. I. Reproductive ability of **young bulls** 065043

BUMBLEBEES
SEE BEES

BUNDLE
carbon metabolism in isolated **maize bundle** 068114

BUNT
toxicity to sheep & poultry of **common bunt** 066069

BUPRESTIDAE
biguttalus F. (**Coleoptera, Buprestidae**) at 071174

BURLEY
Inter-area shifts in **burley tobacco** allotmen- 062942
wrapper, cigar-filler & white **burley tobacco** 069213

BURNING
Controlled burning for range improvement. 068799
Need to **burn debris?** Burn within law. 066367
quarters by flame from a **gas burner.** 065346
Studies on **leaf burn** of pear trees. IV. Micr- 069826
Effect of grazing & **burning** on a **mountain** g- 068784
of rate of spread of an aerial **prescribed burn.** 066317

BURROWING
Burrowing nematode problems in Taiwan. 069907

BURRS
Galvanised burr. [Bassia birchii, control]. 070194
miner, Cameraria macrocarpae, on **bur oak** 070779

BURSA
C-type virus particles in **avian bursa** of Fabr- 065395
Histone fractions in **chicken bursa** of Fabric- 064348
Morphology of post-**embryonic bursa** of Fab- 064571

BURSECTOMY
of Fabricius after **hormonal bursectomy.** [Ch- 064571

BURY
of wild oats (Avena fatua) **seeds buried** in fa- 067463

BUSHES
proportions for fruit trees & **bushes.** 2. 072046
Soil & **bush management** studies on goosebe- 068975
in expanding leaves. [**Bush redpeppers,** mus- 068454
atrazine & other herbicides in **bush root** pr- 069980

BUSINESS
1972 **Farm business** summary, Cortland Co- 062403
Oneida--Mohawk region; **farm business** su- 062404
Dutchess Counties; dairy **farm business** su- 062405
Lewis County dairy **farm business** summary, 062406
Eastern Plateau Region **farm business** sum- 062407
Western Plateau Region dairy **farm business** 062408
Hudson Region dairy **farm business** summary 062409
Dairy **farm business** summary, 1972: Northe- 062410
Western Plains Region dairy **farm business** 062411
Central Plain Region dairy **farm business** s- 062412
New orientation in **business policy** of milk 062793

BUTCHERING
Cold storage rooms for **butchery.** 063587

BUTCHERS
Role of **butchers** in **epidemiology** of taeniasis 063138
Hygiene & sanitation in **retail butcher** shops 063137

BUTT
lactate dehydrogenase activity in **beef butt** 063635

BUTTER
Problems presented by coloring of **butter.** 063114
of nitrogen compounds in **butter.** 063487
Everything in **butter.** 063499
Problems presented by coloring of **butter.** 063516
of benzidine content in **cocoa butter** & in fa- 063357
trans-bixin for use in **butter coloring** as color 063044
Measuring **butter consistency**--possible ways 063554
on yellow layer cakes **containing butter.** 063300
Definition of sweet **cream butter.** 063498
Improving butter quality by use of frozen cr- 063556
Butter market crisis: Economic but also poli- 062742

BUTTERFAT
composition of **Austrialian butterfat.** 063484

BUTTERFLIES
Observations on **British butterflies** in 1971. 071175
emergence of **butterflies** of **cabbage** moth (071100
Foodplant ecology of **butterfly Chlosyne** lac- 070954
Interesting **Florida butterfly** records. 071209
Notes on some **butterflies** from **Hoskyn** Isl- 071312
Collection of **butterflies** made by **jack** dennis 071203
of nymphaline **butterfly Marpesia** berania in 071166
response in cabbage white **butterfly, Pieris** 070859
in seasonal forms of **butterfly, Polygonia** c- 070946

BUTYL
Effect of herbicide 2,4-D **(butyl ester)** on ch- 070174

BUTYLATE
property of **butylated hydroxytoluene** in Dr- 070897

BUTYLENE
determining glycerine & 2,3-**butylene glycol** 064004

BUTYRATE
bovine mammary cells from [1-14C]**butyrate** 064399

BUYING
Alabama urban homemakers in **food-buying** 062615

BYPRODUCTS
requirements in **utilizing byproducts** of fat in 063098

CABBAGES
differentiation of biennial buds. [**Cabbage.** 068337
snail, Achatina fulica Bowdich. [**Cabbage**]. 069821
Sugar beet nematode as pest of **cabbage.** [H- 069858
factors in multiplication of **cabbage aphid** (070456
control of nematodes on **cabbage** in **Atok, B-** 069871
Cabbage clan. 069040
tissue. [Kidney beans, **cucumbers, cabbage**] 068357
in a few varieties of **early cabbage** (Brassica 067145
irrigation on yields of **early cabbage** & toma- 072445
self-incompatible lines of white **early cabba-e** 067146
experiments with white **cabbage following** c- 072043
Effectiveness of herbicides for **cabbage grown** 070133
healthy & Botrytis cinerea **infected cabbage** 068282
Food consumption by **cabbage loopers** infect- 070936
Podosphaera leucotricha, **marrow cabbage** p- 069238
Cabbage moth--a pest on tobacco seed plant- 070366
emergence of butterflies of **cabbage moth** (071100
Varieties of **cabbage plants.** 069027
leucotricha, marrow **cabbage plants,** apples] 069238
with early picking of **potatoes, cabbage,** & c- 062676
seeds of Brassica oleracea L. [**Cabbage, rape**] 064037
Chemosterlization of **cabbage root** fly under 070418
Cynipidae), a parasite of **cabbage root** fly 070520
Association of **cabbage rootfly** with its food 070499
lingam (Tode) Desm. On **cabbage seeds.** 069442
Spring cabbage variety trials in West Corn- 068972
water table depth on yield of **cabbage, squa-h,** 068943
brassica on **cabbage** in **Switzerland.** 070442
Botrytis cinerea infected **cabbage tissues.** 068282
Spring **cabbage variety** trials in West Corn- 068972
in an optomotor response in **cabbage white** 070859
Fertilizer experiments with **white cabbage** f- 072043
gamma irradiation of **cabbage worm** Pieris r- 070507

CACAO
Coffee & **cacao.** [Culture]. 069212
using tray method in Nigeria. [**Cacao**]. 063436
Distantiella theobroma, **cacao insect** pests]. 070247
of pectin methylasterase in **cacao pulp.** 063338
roots of cacao plants **(Theobroma cacao** L.) 067414
seedlings of cocoa **(Theobroma cacao** L.) for 069560

CACTACEAE
of Wilmattea [venezuelensis](**Cactaceae**) in 066773
selected species of Echinocereus **(Cactaceae)** 067749
search of **hallucinogenic Cactaceae.** [Lopho- 066580

CACTUS
Whate makes a **cactus.** [Identification]. 066672

CADANG
Evidence for spread of **cadang-cadang** disease 069624

CADMIUM
Lead & **cadmium content** of some canned fru- 063129
Absorption of **cadmium** in **fruit** trees. 068217
Effects of **cadmium** on **hypophyseal**-testicular 064298
Cadmium in **plants.** 067862

CADRA
Almond moth, **Cadra cautella** (Walker) (Ph- 070580

CAFFEINE
of coffee tree embryos: Action of **caffeine.** 067472
Effects of **caffeine** on **chromosomal** loss & n- 070865
Caffeine synthesis in fruits & tissue cultures 067776

CAGES
overwintering & spring emergence in **cages.** 070357
A **cage designed** for metabolismand nitrogen 064246
fruit fly, Dacus tryoni, in **field cages.** 071006
hybrid seed in grasses under **isolation cages.** 067095
removal of manure from **cages** of **laying** hens 071506

CAJANUS
udum associated with wilt of **Cajanus cajan** 069352
loss in T-21 variety of arhar **(Cajanus cajan** 070347
Beta-L-arabinosidase from **cajanus indicus:** a 067446

CAKES
hydrogen-ion concentration] in **cake baking** 063299
emulsifier on yellow layer **cakes containing** 063300
New technology for **rapeseed cakes.** [Feed]. 064088

CALCAREOUS
organic calcium fractions in **calcareous alga** 067623
of a new genus of **calcareous algae** of "Spar- 066812
Calcareous algae (Corallinaceae) of Middle 066814
of algae in cultivated **soddy calcareous** soil. 071729

CALCIFICATION
Calcification in **insects:** dwelling-tube & mid- 070927
associated with **calcification** in **ovine** kidney 065930

CALCIUM
sodium]-illite in presence of CaCo3 **[calcite]** 071779
ratoon of sugarcane to **calcium ammonium** n- 068041
tomato fruits to acetylene & **calcium carbide** 063992
anion balance in some **calcium carbonate** de- 067623
submergence times in hot **calcium chloride** 063957
added ratio of salt **(calcium chloride)** on inc- 066454
gravel roads with liquid **calcium chloride.** [066411
weanling pigs on high & low **calcium diets.** 066323
determination of **calcium** in **feeds** & blood s- 064099
detection of organic **calcium fractions** in cal- 067623
Effect of **calcium** on **fruiting** of Cyathus ster- 067704
different submergence times in **hot calcium** 063957
Efficacy of **calcium hypophosphite** in raising 064482
upon seasonal changes of **calcium-lactic-solu-** 072142
Stabilizing gravel roads with **liquid calcium** 066411
Regeneration of **calcium metabolism** in chic- 064592
of various contents of **Calcium** in **mixed** feed 064593
between strontium & **calcium** in **oat** plants. 068032
algae & detection of **organic calcium** fractio- 067623
of sulphates on **calcium** & **phosphorus** meta- 064292
Variation of content of **phosphorus, calcium** 068187
hypophosphite in raising **plasma calcium** & 064482
Calcium regulation by chick embryo; an exp- 064342
Quantitative principles of **sodium--calcium** 071877
Regulation of water **soluble calcium** in chee- 063486
I. Utilization of **calcium sulphate** by sheep. 064292
Calcium tolerance test in rat according to K- 064304

CALCULI
Formation of siliceous **urinary calculi** in cal- 064660

CALLIPHORIDAE
rudis, cluster fly (Diptera: **Calliphoridae)** i. 070789

CALLOSOBRUCHUS
Linn.) to pulse **beetle, callosobruchus** chine- 070451
bean weevil, **Callosobruchus chinensis** L., ca- 070422

CALLUNA
in two heath ecosystems. [**Calluna vulgaris,** 066857

CALLUS
Nicotiana glauca Grah.) **callus cultures** deri- 069614
majus L.; seed & **callus formation** on placen- 068283
of growth regulators by **isolated callus** tissu- 067410
moss seedlings sporogone & **callus** of **leafy** 067436
of horticultural crops. I. **Callus & organ** for- 068397
in orange (Citrus sinensis) **ovular callus** in r- 068468
Utilization of arginine by **rice callus** tissue. 068154
on utilization of arginine in **rice callus** tissue 068157
potato X-virus reproduction in **callus tissue** 069659
in cytokinin-autotrophic **tobacco callus.** 063777

CALONECTRIA
characterization of **Calonectria crotalariae** c- 069489

CALORIES
Low **calorie nutrition.** 063243

CALVES
Slaughter animal & meat research in **calf: A** 063657
vitamin complex on body of cows & **calves.** 064539
of intestines of 3-to-6-months-old **calves.** 064545
Flaxseed--a dietetic feed for **calves.** 064801
you need to know to get more cows in **calf.** 065037
activity of morantel tartrate in **calves.** 065384
welchii type "D" enterotoxaemia in **calves.** 065492
of enzootic bronchopneumonia in **calves.** 065572
prophylaxis of respiratory diseases in **calves** 065702
Divezid for controlling lungworms in **calves** 065798
of anaerobic enterotoxemia of **calves.** 065812
Trichophyton gypseum in **calves.** 065857
Diseases of new born. [**Calves**]. 065958
therapy for pulmonary diseases of **calves.** 065987
hypogamma-globulinemia in **calves.** 065999
Cyolane--treated lucerne hay to **calves.** [Poi- 066039
cows on incidence of disease & loss of **calves** 064896
in acute systemic anaphylaxis in **calves.** Eff- 065243
cows on incidence of disease & loss of **calves** 065349
Ampicillin administered to **calves** & **baby** pi- 065633
occurring infection of **calves** with a **bovine** a- 065386
measures to be organized at **calf-breeding** c- 065333
serum & nasal excretion of **calves** & **cattle** 065895
Scours cause heavy losses in **calf crops.** [Es- 065472
disorder of liver in cases of **calf dyspepsia.** 065993
therapy for **calves** with **dyspepsia.** 065996
disease incidence for **calves** with **dyspepsia.** 065997
Creep gates help **calves eat** better. 064137
In Southwest: One **calf** in three **fattened** in 064672
Nursing Friesian cow. [**Calves, fattening**]. 064182
resulting aspects of intensive **calf fattening** 064400
from slaughter wastes for **calf fattening.** 064761
Csl. Nukamel & Brezomix in **calf fattening** 064918
burneti & IBR virus in a **calf fattening** farm 065423
Milk replacers. [**Feed, calves**]. 064084
Calf feeding in Florida can pay. 064682
to milk protein substitutes. [**Calves, feeding**) 064760
Colostrum yoghurt for **calf feeding.** 064784
of rearing nurseries & **calf feedlots.** 062451
Growth of **calf fetus** of single or multiple pr- 064938
Progeny testing by easy calving & **few calf** l- 065142
of siliceous urinary calculi in **calves given** s- 064660
Calf health & handling practices. 065250
Creep gates **help calves** eat better. 064137
Calf housing. 072454
coli infections in **calves** & **immunized** cows. 065703
resulting aspects of **intensive calf** fattening 064400
Arthrosia of **calves intensively** fed. 065978
intensive fattening of **calves** with **low-iron** n- 064781
intermediary metabolism of **isolated calf** thy- 064351
Studying infection of primary **calf kidney** ce- 065689
milk fat, in nutrition of **calves,** by **lard** at di- 064591
testing by easy calving & few **calf losses:** Re- 065142
Parasitism & death rate in **Malagasy calves:** 065624
treatment system cost $125. [**Calf manure** t- 072508
Antigenic vaccination of **calves** with **measles** 065872
production losses in **calves** during **milk** fatt- 064826

of feed rations for **calves** up to 6 **months.** 064917
stable for 700 **calves** in **mountainous** & pie- 071418
bovine intestinal origin for **neonatal calves.** 065383
of blood in cow-mothers & **newborn calves.** 064533
Diseases of **newborn calf;** Results of ITEB i- 065288
of colienteritis in **newborn calves.** [Colibacil- 065829
in cases of acute enteritis of **newborn calves** 065677
of antibodies on vitality of **calves & piglets** 064472
of Aniron preparation in **calves & piglets** for 065284
M in colibacillosis of **calves & piglets.** 065546
of colostrum on incidence of **calf pneumonia** 065722
Costs of intensive fattening. [**Calves, poultry**] 062565
Prepare calves for market; get added profits 064130
Studying infection of **primary calf** kidney ce- 065689
Raising calves on reduced rations of whole 064832
zoohygienic conditions in **raising calves.** 065343
number one problem in **calf rearing?** 065664
New vaccine is said to **reduce calf** scours by 065459
Influence of adding zinc to **calf starters.** 064744
profit from finishing **suckled calves.** 062479
fed zinc bacitracin. [Chickens, **swine, calves**] 063179
in different infections of **swine, calves** & pig- 065686
purification of protease from **calf thymus** ch- 064243
Study of F2b fraction of **calf thymus** histone 064329
metabolism of isolated **calf thyroid** cells. 064351
Roughage requirement of early-**weaned calf.** 064620
requirement of early **weaned calves.** 064646

CALVING
SEE BIRTH
resistance on duration of **intercalving period** 064495

CAMBIUM
of overwintering cells in **cambial zone** in se- 066982

CAMELLIAS
Chromosomal chimeras of **camellias** "Fragr- 067074
Accelerate plant growth. [**Camellia**]. 068233
Disappearing varieties. [**Camellia**]. 068929
point scale for judging seedlings. [**Camellia**] 068935
World of minatures. [**Camellia**]. 068936
American camellia yearbook, 1973. 068993
dimension in **camellia** use & **application.** 068930
in cold resistance of **camellia buds.** 068234
A note on **disbudding camellias.** 068931
A challenge to **expert camellia** researchers. 068933
Growing camellias out of doors in southern 068932
analysis of scented **camellia hybrids.** 067075
hybridization of **camellias** with **particular** re- 067076
further comment on **Camellia reticulata:** Wa- 068934
Annotated bibliography on **Camellia spp.** (068311

CAMERARIA
history & habits of a leaf **miner, Cameraria** 070779

CAMS
antibodies in fowl using **CAM-test.** 065579

CANADENSIS
medium. [Elodea **canadensis, Dunaliella** sali- 067580

CANALS
Nematode parasites of **alimentary canal** of 065623
Studies on **alimentary canal** of Odoiporus l- 071092
of grass on slopes of **drainage canals.** 071560
streams of grain in vertical **exhaust canals** of 071676
of machines for lingin of **irrigation canals.** 072383
Constructing land **reclamation canals** by exp- 071481
I. Interactions between ring **canal rims** & n- 070773

CANAVALIA
SEE LEGUMINOSAE

CANCER
Bacterial cancer in apricot trees. [Pseudom- 069598

CANDIDA
birds. [Candida tropicalis, **Candida albicans**] 065568
Snow white elecampane (**Inula candida**) a t- 066743

CANDIDIASIS
Candidiasis in **birds.** [Candida tropicalis, Ca- 065568

CANE
desiccation to assist sugar **cane harvesting,** 068649
on quality constituents of sugar **cane juice.** 063744
low-Volume for control of sugar **cane pests** 070304
Cane raw sugar processing during beet sugar 063853
on quality constituents of **sugar cane** juice. 072095
Co. 6812-A new **cane variety** for Western U- 068737
New **cane washing** method. 063817

CANINES
Canine alimentary neoplasia. 066012
Babesia canis: Clinical observations in dogs 065602
Canine brucellosis. 065536
in treatment of **canine distemper.** 065410
Canine epileptic convulsions: treatment. 065927
prevention of **canine heartworm** disease. [Di- 065398
Canine hemolytic complement: optimal cond- 064277
strains of infectious **canine hepatitis.** 065718
its effect on somatic toxocara **canis larvae** in 065599
Ringworm due to **Microsporum canis** in cats 065587
muramidase) activity in **canine myelogenous** 065906
Type 187, of human & of **canine origins.** 065512
Canine urethro-rectal fistulae. [Dogs]. 065936

CANKERS
Bacterial canker of mazzard cherries in Cr- 069606
Canker of **cypresses** caused by Coryneum ca- 069315
lesion extension in larch **canker disease.** [Tr- 069316
Canker of **dwarf** mistletoe swellings on west- 069273
Scleroderris canker on red & scots pine in 069522
plant & its effectiveness against **stem canker** 069291

CANNERIES
basic capital for collective **farm canneries.** [062596

CANNIBALISM
Cannibalism & **sow** placenta. 064470

CANNING
1972, As a year for **canning.** 063376
Quality of **canned** "Babygold ?" peaches as 063935
What kind of potatoes qualify for **canning.** 063979
in breeding vegetable crops for **canning.** 067236
Aroma of **canned beef:** gas chromatographic 063618
Aroma of **canned beef:** sensory properties. 063619
deterioration of lean & fatty **canned beef** due 063674
of peas for **canning** & their **breeding** operati- 067250
formation in perishable **canned communuted** 063031
retention in bean products: **cooked, canned** 063954
Vinegar, **canned cucumbers** & vegetables in 063945
Production of **canned food** in Japan. 062822
cadmium content of some **canned fruit** & ve- 063129
vegetable requirements for **canning industry** 063939
during thermal treatment of **canned meat.** 063667
Canned pork & soybeans: a nutritious & tas- 063366
Canned potatoes packaged speciality or mass 063892
Follow--up of **canning process** by thin layer 063241

CANNULATION
from sheep by **cannulation** of **thoracic** duct 065544

CANOPY
development of sugar **beet canopy.** I. Leaf a- 068094
due to differences in **canopy heights.** 067966
a pine forest. [Pinus resinosa, **canopy map**] 066105
carbon dioxide] **canopy techniques** for meas- 068125

CANTELOPES
Parasitic nematodes control of **cantaloupe.** 069906

CAPILLARY
Application of **capillary agglutination** test f- 065616
of field trials of **capillary agglutination** test 065883

CAPITAL
Land quality & providing of **capital.** 062250
of forming new **capital** in **agriculture.** 062546
Capital assets of farming in Scotland. 062573
of captial investments & **basic capital** in agr- 062577
Effectiveness of using **basic capital** for colle- 062596
Turnover of **circulating capital** in state farms 062519
Economic effectiveness of **capital investmen**-s 062568
Production capital for forestry. 066248
change in structure of **productive capital** on 062367
Seven **capital sins** of livestock feed factory. 064086

CAPRIFOLIACEAE
fusion problems of honeysuckle. [**Lonicera**]. 066953
inhibitors in honeysuckle buds. [**Lonicera**]. 067590
Ozark food plots. [**Lonicera japonica**]. 066133

CAPRYLIC
Effect of **caprylic acid** on metabolism of oth- 064294

CAPSICUM
size of sweet pepper (**Capsicum annuum** L.) 068241

CAPSIDS
SEE MIRIDAE

CAPSULE
Orthoptera): **capsule localization** & structure 071079

CAPTIVITY
Mark-**recapture estimates** of overwintering 071006

CARABAOS
pregnant native cows & **carabaos.** 065058
Sarcosporidiosis in **Philippine carabaos.** 065601

CARABIDAE
nigrita f. (**Coleoptera, Carabidae**). 070853
dahli Duftschmid (**Coleoptera, Carabidae**) b- 071191
menetriesi Humm. (**Coleoptera, Carabidae**). 071238
coeruleus Steven. (**Coleoptera, Carabidae**). 071249
Scaritinae of Africa (**Coleoptera Carabidae**). 071327
thermophilic insects. [**Carabus coriaceus,** An- 070972
near a kraft mill. [**Carabidae silphidae.** 070786
Trapping Carabidae. 070971

CARAMEL
Caramel--2. Manufacture, composition & pr- 063424

CARBAMATES
Resistance to **carbamate insecticides** in Aen- 070406

CARBAMOYL
Liver **ornithine carbamyl** transferase & blood 064924

CARBARYL
Studies on **carbaryl, DDT** & endosulfan resi- 070450
Persistence of **carbaryl** on **grapes.** 070453

CARBAZOLE
Murrayazolinine: a **carbazole alkaloid** from 067488
a new **carbazole alkaloid** from Clausena indi- 067610

CARBOHYDRATES
relation to dietary content of **carbohydrates.** 064625
relation to dietary content of **carbohydrates.** 064626
Carbohydrate changes during cold storage of 068323
Changes in **carbohydrate composition** of ru- 064625
Changes in **carbohydrate constituents** of cas- 068392
Changes in **carbohydrate constituents** of yam 068393
relating to food with **carbohydrate content.** 063094
Note on oil & **carbohydrate contents** of vari- 068387
of **carbohydrates** & their **distribution** in roots 067402
Carbohydrate-, fat-, protein metabolism & e- 064391
Carbohydrates as **food** reserves in Prasinop- 067740
rhizome biability, & **frond carbohydrate** rati- 070073
on amount of **carbohydrates** in **grape** shoots 068380
metabolic lag & **carbohydrate independence** 067421
Carbohydrate & lipid metabolism of growing 064386
estradiole upon **carbohydrate metabolism** in 064272
Carbohydrate metabolism in sheep organism 064449
Carbohydrate metabolism in tissues in cases 065998
Carbohydrate metabolism during differentiat- 067424
Carbohydrate metabolism in fungus Dendry- 067730
Carbohydrate-phosphorus metabolism in cow 064541
biability, & frond **carbohydrate ratios.** [Pter- 070073
Changes in **carbohydrate** of **rumen's** microbi- 064626
factors on content of **soluble carbohydrates** 068208
Control of **carbohydrate utilization** by soil 071900
Study on **various carbohydrate** & protein so- 064908

CARBONATES
rotation system in drained **bog-carbonate** soi- 072225
anion balance in some **calcium carbonate** de- 067623
in Caucasian foothill **carbonate Chernozem** 071848
urea + ammonium **hydrogen carbonate** in s- 064631
Effects of **sodium carbonate** on carbon & nit- 071777
with strip application on **carbonate soils.** 071978

CARBONS
cells from [1-14C]butyrate. [**Carbon**]. 064399
of rats. Use of acetate-I-14 C [**carbon**] in vi- 064786
Metabolism of [**carbon** 14]lactate by rat ki- 066050
glycolate metabolism in C3 [**carbon**] & C4 [067415
Long-term fate & distribution of C[**carbon**] 068517
Distribution of imported 14C [**carbon**] in de- 068582
Extraction of 14c[**carbon**]-labelled chloroph- 071753
metabolism in C3 [carbon] & C4 [**carbon**] s- 067415
In vitro & in vivo **carbon** 14 **acetate** incorpo- 070887
of NSC waste liquor by **active carbon.** [Wo- 066459
Effect of **different carbon** & nitrogen sources 069366
photosyntheses & 14CO2 [**Carbon dionide**] f- 068097
Carbon dioxide production in fermentation of 063124
on fruits. VI. Effects of **carbon dioxide** conc- 063969
rate using labelled **carbon dioxide.** 067430
membrane-bound Co2+[**carbon dioxide** +] 067431
Effects of **carbon dioxide** concentration on 067444
Co2[**carbon dioxide**] assimilation by Dryas 067481
Continuous measurement of **carbon dioxide** 067559
ion concentration] & **carbon dioxide**-bicarbo- 067639
In situ measurements of **carbon dioxide** grad- 067743
Carbon dioxide exchange in selected species 067749
responses to C02 [**carbon dioxide**] & light by 067965
beet leaves on temperature & **carbon dioxide** 067982
Photosynthetic exchange of **carbon dioxide** 067997
Use of C1402 [radioactive **carbon dioxide**] c- 068125
affecting induction in CO2[**carbon dioxide**]- 068411
studies on effects of CO2 [**carbon dioxide**] 068420
Changes in transpiration, net **carbon dioxide** 068431
Carbon dioxide & pH [hydrogen-ion concen- 068435
studies on effects of CO2 [**carbon dioxide**] 069675
Resistance to **carbon dioxide,** an onoxic stre- 070854
In situ measurements of **carbon dioxide** grad- 071854
Use of C1402 [radioactive **carbon dioxide**] c- 071865
yield sugar beet crops with **carbon dioxide.** 072196
of cellulose origin, **carbon disulphide** ratio & 066521
some methods of organic **carbon estimation** 071797
of photosynthetic rate using **labelled carbon** 067430
canopy techniques for **measuring carbon** tra- 068125
Photosynthesis & **carbon metabolism** in a ch- 067794
Photosynthetic **carbon metabolism** in isolat- 068114
Changes in transpiration, **net carbon** dioxide 068431
Studies on circulation of **carbon & nitrogen** 066863
Carbon & nitrogen fixation in rhizomatous 067737
to shoot conditions & **carbon/nitrogen** ratio 068958
Effect of **carbon & nitrogen** sources on grow- 069292
Carbon & nitrogen nutrition of Beauveria te- 070962

of sodium carbonate on **carbon & nitrogen** 071777
of some methods of **organic carbon** estimati- 071797
of dynamics of content of **organic carbon** in 071965
Influence of cellulose **origin, carbon** disulph- 066521
Photosynthetic carbon metabolism in isolat- 068114
Use of C1402 [**radioactive carbon** dioxide] c- 068125
eight Fusarium species to **raffinose carbon &** 067592
techniques for measuring **carbon transfer** th- 068125
In vitro & in **vivo carbon** 14 acetate incorpo- 070887

CARBONYLS
Carbonyl compounds of chicken fat during c- 063683
to act as a sulfhydryl or **carbonyl reagent.** 068458

CARBOPHOS
of dichlorvos, **baitex, carbophos** & DDT for 070626

CARBOXYL
a mediator of **carboxyl-methylcellulose.** [Bo- 065316

CARBOXYLASES
on ribulosediphosphate **carboxylase activity** 067569
of ribulose **diphosphate carboxylase.** [Plants 067725
of ribulose 1,5-**diphosphate carboxylase** in n- 067768
Ribulose **diphosphate carboxylase**--an enigma 067875

CARBOXYLATION
light on activity of **carboxylating enzymes &** 068095

CARBOXYMETHYL
of **carboxymethylcellulose** on **proteolysis** of 063388
of **carboxymethylcellulose** on **proteolysis** of 063389

CARCASS
Beef carcass length as related to yield of bo- 063662
Appraisal methods for **carcass composition** of 064518
of fat-free lean tissue from **cow carcasses.** 063661
Empty body weight, **dressed carcass** weight 063608
Estimating carcass loin-eye area & fat thick- 064211
lipid metabolism in pigs. I. **Growth, carcass** 064343
interaction in sheep. III. **Lamb carcass** traits 063614
effects on live performance, **carcass merit,** c- 064413
sanitary control of scalding of **pig carcass.** 063668
Feedlot performance & **carcass quality** of B- 065183
in lambs: effects on growth **rate, carcass &** 064289
fat in musculature of **sheep carcass.** 063609
Growth & **carcass traits** of bulls fed to point 064852
in sheep. III. Lamb **carcass traits.** 065007
classification on live weight & **carcass traits** 065012
Subcutaneous bacteria in **turkey carcasses.** 063030
of fattening performances, & **carcass value** of 065132

CARCINOGENESIS
Hepatotoxic & **carcinogenic effects** of some 067469
production of some **carcinogenic mytoxins.** 063219

CARCINOGENS
research. [**Carcinogens, contamination**]. 063172
of nitrosamine issue. [**Carcinogens, meat** pr- 063170
nitrosamine formation. [**Carcinogens, meat** 063171

CARCINOMA
vitro survival of Ehrlich **ascitic carcinoma** ce- 068137
Bone-metastasizing squamous-**cell carcinoma** 065937

CARDAMINE
On distribution of **Cardamine rivularis** Schur 066817

CARDBOARD
SEE FIBERBOARD

CARDIAC
Effects of **corpora cardiaca** on tethered flight 070900
Phase differences in **cardiac rhythm** of Locu- 070857

CARDIOSPERMUM
fraction from **Cardiospermum helicacabum.** 067618

CAREX
in forest litter of sedge **(Carex pilosa)** birch 066362

CARICA
of furocoumarins in leaves of **Ficus carica** L. 068255

CARNATIONS
in stems, leaves, & flower parts of **carnation** 068367
mottle virus in **carnations** in **glasshouses.** [D- 069669

CARNIVORA
Helminths of **domestic carnivores** of KzylO- 065682

CAROTENE
Vitamin A value in **carotene** of **carrots** (fresh 064834
of ascorbic acid & beta-**carotene content** in f- 064012
Inheritance of beta-**carotene content** in red- 067143
nitrogen doses on beta-**carotene content** & i- 068009
synthesis of **carotene** when **growing** on media 067369
Studies on extent of **carotene losses** occurri- 064041
in level of ascorbic & **carotene** in **maize** sila- 064058
Determination of beta-**carotene** in **preserved** 063230
Relation of **carotene & starch** content of so- 063267
on **carotenogenesis** in **Verticillium** agaricin- 067756

CAROTENOIDS
Oxidation of essential free **acids, carotenoids** 063785
Carotenoids of **blue**-green algae. significance 067865
activity of **carotenoids** under **conditions** pre- 067580
Carotenoids in **fungi** & non-photosynthetic 067602
products in normal & **carotenoid mutant** ma- 068097

CARP
SEE FISH

CARPAL
Results of treatment of **carpal hydropsies** in 065945

CARPOCAPSA
SEE TORTRICIDAE

CARROTS
Annotated bibliography on storage of **carrots,** 063890
Vitamin A value in carotene of **carrots** (fresh 064834
specific gravity, & soluble solids in **carrots.** 068372
for post-emergence application in **carrots.** 070057
harvesting & primary processing of **carrots.** 071674
with a base of herbicides for **carrot** & **beet** c- 070205
truncatus] of **carrot** & its **control.** 070510
potatoes, cabbage, & **carrots** for **cooperative** 062676
non-enzymic browning of **dehydrated carrot** 063964
fruiting of sterile & **fertile carrot** forms. 068410
with white cabbage **following carrots.** 072043
measures on yields of **forage carrots.** 068906
State of plastid pigments in **carrot leaves** in 068218
of Rhizopus stolonifer. [**Potatoes, carrots**]. 069353
keeping quality of **carrots** in **relation** to cult- 064030
to cell activity in discs of **carrot root** (Dauc- 066991
Control of **carrot rust** fly (Psila rosa F.) in 070446
of a whole plant in culture of **carrot tissue.** 068342
studies on photosynthesis of **carrot tissue** cu- 068448
of storage diseases of **carrots** by **washing.** G- 069282
of adventive embryos of **wild carrot.** 066935

CARTHAMUS
uptake in safflower, **(Carthamus tinctorius** L 068087

CARTILAGE
from bovine knee joint & **ear cartilages:** seq- 064327
proline hydroxylase in **eye, cartilage** & skin 064355

CARYEDON
Dermestidae) & **Caryedon gonagra** (Bruchid- 070774

CARYOPHYLLACEAE
new anthericolous smut of **Caryophyllaceae:** 066813
parts of carnation. [**Dianthus caryophyllus**] 068367
its environment. [**Dianthus caryophyllus,** Ph- 069545
in glasshouses. [**Dianthus caryophyllus**]. 069669

CARYOPSES
morphologically **polar caryopses** & maize le- 067992
Caryopses of **Zoysia** matrella & Bermudagr- 068625

CARYOTYPE
of Triatominae: **Caryotype, DNA** content, n- 071010

CASEIN
of enzyme on synthetic substrates & **casein.** 067659
on proteolysis of **alphas-casein** by immobiliz- 063388
on proteolysis of **alphas-casein** by immobiliz- 063389
A & B variants of kappa-**casein** in **cattle.** 064297
of whey proteins & **casein** of **cow's** milk on 063519
of fractionated bovine milk **casein micelles** f- 063520
on aggregation of kappa-**casein** by **Mucor** p- 067447
perfringens on a **casein-pancreatic** medium. 065762

CASINGS
Significance of **synthetic casings.** [Sausages] 063595

CASSAVA
Bacterial wilt of **Cassava** (Manihotis utiliss- 069582
in carbohydrate constituents of **cassava root** 068392
new to African continent **threatens Cassava** 070378

CASSIA
fertilizers on yield of **Cassia acutifolia.** 072208
Cassia obtusifolia, a possible reservoir for i- 069483
Anthelmintic activity of **Cassia occidentalis,** 067619

CASTANEA
correlated traits in Tribolium. [**Castaneum**] 070862
on cotton in Malawi. [[**Diparopsis castanea** 070379
of red flour beetle, **Tribolium castaneum** (H- 070374
Oryzaephilus, **Tribolium castaneum**[. 070581
on selection limits. [**Tribolium castaneum**]. 070764
Lipid requirements for **Tribolium castaneum** 070880

CASTOR
compositions of corn seed & **castor bean** dur- 067877
of hybrid vigour in **castor** under **different** ag- 067272
New **castor oil**-based urethane elastomers. 063382
proteins in endosperm of **repening castor** se- 067841

CASTORBEANS
growth & germination of seed. [**Castorbeans** 067828
endosperm of **germinating castorbeans.** 067768
translocation. [**Castorbeans, pumpkins**]. 067775

CASTRATION
Effect of **castration, ration** & hormone impl- 064417

CATABOLISM
in branched-chain amino **acid catabolism** in 064441
In vitro **hydrocortisone catabolism** in pig li- 064575
Catabolic ring-cleavage of tyrosine in plant 067779

CATAGLYPHIS
studies on cornea of **Cataglyphis bicolor** (Fo- 071015

CATALASES
with respects to character of **blood catalase.** 065095

CATALPA
peat media. [**Catalpa bignonioides,** Sophora 068227

CATALYSIS
Catalytic acetylation of flavonoids. 067495
of chlorophyll a with linoleic **acid catalysed** 067674
Metal **catalyzed lipid** oxidation. [Food]. 063471
polyethylene. 2. **Catalysis & polymerization** 064015
of silkworm moths: **catalytic properties** & b- 071393
A **catalyst system** for creasing fully cured d- 063835

CATCHMENT
phosphorus through **catchments** under **varied** 066883
Auckland's operating **water catchments.** 066116

CATECHINS
Catechins of **bark** of Larix sibirica. 068530
of biosynthesis of **catechins & flavonols** in t- 067840

CATECHOLAMINES
in influence of **exogenous catecholamines** on 064251

CATECHOLS
between amount of **catechols** in **bark** of Lar- 068586

CATENARIA
SEE DESMODIUM

CATERPILLARS
control of hairy **caterpillar, Euproctis** frater- 070449
Identification of **caterpillars** of **leaf** rollers of 070271

CATFISH
Preservation of **channel catfish** with some se- 063393

CATHARANTHUS
New alkaloid from **Catharanthus longifolius** 067851

CATHETER
dog urine obtained by punction & **catheter.** 065607
Chronic catheter in pig ear. [blood sampling 065281
Use of **permanent catheters** in growing fema- 064303

CATIONS
Cation-anion balance in some calcium carbo- 067623
Structure & **cation content** of a podzolic soil 071769
concepts on chemistry of **cation exchange** b- 067555
high in Mg [magnesium] on **cation exchange** 071779
of direct & indirect **cation-exchange** procedu- 071835
sodium--strontium **cation exchange** adsorpti- 071877
Effect of **metal cations** on swelling & gelatin- 063814

CATOCALA
SEE NOCTUIDAE

CATS
organization of auditory system in **cat.** 064447
Lachrymal duct of **cats.** 064451
social & sexual behaviour in dogs & **cats.** 065033
for restraint in cystometry in dog & **cat.** 065217
Anaesthesia in dog & **cat.** 065231
Sulfadiazin (Tribrissen) in dogs & **cats.** 065307
ketamine for dissociation anesthesia in **cats** 065315
conditions of nasal chambers of dog & **cat.** 065324
features of haemobartonella felis. [**Cats**]. 065392
Study on viral diseases of **cat.** Ii. Experime- 065548
Study on viral diseases of **cat.** Iii. Experime- 065549
Ectoparasites in dogs & **cats.** 070641
volume in small intestine of **cat** as **analyzed** 064254
DOPS). [**Cats, chickens**]. 064252
due to Microsporum canis in **cats & dogs** in 065587
carnivores of KzylOrda Region. [**Dogs, Cats** 065682
antibodies in animals. [**Dogs, cats,** swine, ca- 065890
outside skin diseases of animals. [**Dogs, cats** 065965
of spinal cord of **cats** during **excitation** & in- 064459
of Trypanosoma evansi in **cat** by **feeding** liv- 065504
alimentary reaction in **cats** under **food**-satiat- 064248
of osteodystrophia fibrosa in **cat & horse.** 065943
Dog & **cat** as **media** conveying toxoplasmosis 065877
disorder in a **cat** with a **period** of remission 065915
Gene frequencies in stray **cat populations** fr- 064983
Canadian hairless or **sphinx cat.** 065022
Roundworms & tapeworms in **Stockholm ca-s.** 065649
Gene frequencies in **stray cat** populations fr- 064983
antibodies in animals. [Dogs, **cats, swine,** ca- 065890

CATTLE

Accounting for feedlot fattening of **cattle.** 062511
insurance to farm workers in New **Jersey.** 062548
of pure breeding programs. II. [**Cattle**]. 062584
Live exports. [**Cattle**]. 062632
New legislative orderings. [**Cattle**]. 062991
of fat thickness & rib eye area in **cattle.** 064120
Feedlot performance. [**Cattle**]. 064125
care in mountainous regions. 3. [**Cattle.** 064126
on improving weaning weight. [**Cattle**]. 064194
standard TGL 80 --20834, part 5. [**Cattle**]. 064217
new standard TGL 80--20834, part 3. [**Cattle**] 064218
method of milkability tests. [**Cattle**]. 064242
tissue framework & muscle growth. [**Cattle**] 064295
A & B variants of kappa-casein in **cattle.** 064297
reductase in placenta & fetal tissues. [**Cattle**] 064408
factors & blood metabolite levels of **steers.** 064413
to serum insulin & GH levels of **steers.** 064414
digestion marker in ruminants. [**Cattle**]. 064416
Hierarchy within a herd of **cattle.** 064469
Milk production from grazed grass. [**Cattle**] 064595
of carbohydrates. I. Protozoa. [**Cattle**]. 064625
of carbohydrates. II. Bacteria. [**Cattle**]. 064626
feeding of straw pellets. [**Cattle**]. 064678
only with permanent pasture? [**Cattle**]. 064685
factors & blood metabolite levels of **steers.** 064735
to serum insulin & GH levels of **steers.** 064736
species composition of pastures. [**Cattle**]. 064737
feed on anabolic effects of zeranol. [**Cattle**] 064755
New methods in raising & fattening of **cattle** 064765
Intensive fattening of **heifers.** I. Growth. 064813
feed, feeding & ovary anomalies. [**Cattle**]. 064855
for raising of meat performance in **cattle.** 064868
minor elements in winter feeding of **cattle.** 064875
of sugar beet or milk production. [**Cattle**]. 064921
of trials in raising various breeds of **cattle.** 064972
systematic placing of mating plans. [**Cattle**] 064973
attracted by our beef breeds of **cattle.** 064975
distribution of transferrin genes in **cattle.** 064982
book keeping in course of century. [**Cattle**]. 064987
Brown Swiss hybrids --interbreeding. [**Cattle**] 064988
in tropics of Intia & Colombia, [**Cattle**]. 065011
at synchronized & control estrus. [**Cattle**]. 065014
problem of pleiotropic gene action. [**Cattle**] 065096
Artificial insemination. [**Cattle**]. 065108
of different systems of crossbreeding. [**Cattle**] 065109
muscled syndrome. I. Genetics. [**Cattle**]. 065110
performance & fertility rate of **cattle.** 065115
Methods to detect heat in **cattle.** 065135
of pure breeding programs. II. [**Cattle**]. 065140
of autosome with X-chromosome in **cattle** (065143
generation Friza X Bruna cross. [**Cattle**]. 065144
X Baltata Romaneasca Gl cross. [**Cattle**]. 065145
Hemoglobin polymorphism in **cattle.** 065175
of recurrent prolapse of vagina in **cattle.** 065255
keys" in case of nodular leukemia in **cattle.** 065272
particular reference to diseases of **cattle.** 065274
disorders of mammary glands. [**Cattle**]. 065294
with malignant lymphoma in a **heifer.** 065318
of ammonia in animal quarters. [**Cattle**]. 065340
Further studies on leukemia in **cattle.** 065367
of some sulphonamides. II. Studies in **cattle** 065369
efficacy of morantel tartrate in **cattle.** 065385
An outbreak of tetanus-like disease in **cattle** 065413
Gangrene of tail in **cattle.** 065479
eradication of tuberculosis. [**Cattle**]. 065489
shortcut to mastitis control? [**Cattle**]. 065543
of streptococcus agalactiae. [**Cattle**]. 065558
tests in diagnostics of fascioliasis in **cattle.** 065561
examination of fascioliasis in **cattle.** [Fascio- 065562
of leukemia & tuberculosis in **cattle.** 065574
on white blood count of **cattle.** 065581
possibilities of acute mastitis in **cattle.** 065604
New legislative orderings. [**Cattle**]. 065608
pathway for udder infections. [**Cattle**]. 065610
cervical secretion of microflora in **cattle.** 065632
antibiotics in therapy of metritis of **cattle.** 065656
with Corynebacterium pyogene in **cattle.** 065669
measures for control of ringworm in **cattle.** 065773
for treating necrobacteriosis in **cattle.** 065795
chemoprophylaxis of piroplasmosis in **cattle** 065800
differentiation of tuberculin tests. [**Cattle**]. 065811
Immunity in trichophytosis of **cattle.** 065856
investigations in ringworm of **cattle.** [Trich- 065859
prevention of ringworm of **cattle.** 065860
parturition hypocalcaemia complex in **cattle** 065941
Generalized amyloidosis in **cattle:** a report of 065952
malignant lymphogranulomatosis in **cattle** 065957
feed, feeding & ovary anomalies. [**Cattle**]. 065966
hematological diagnosis of leucosis in **cattle** 065974
Nutritional muscular dystrophy of **cattle.** 2. 065985
changes in uterus with metrorrhagia. [**Cattle**] 066001
Laryngeal fistula in **cattle.** 066036
on production & quality of milk. [**Cattle**]. 066126
only with permanent pasture? [**Cattle**]. 068675
with new electric fencing system. [**Cattle**]. 071498
of stationary distributors of feeds for **cattle** 071587
Self feeder for **cattle.** 071644
Wetlands mapping in New **Jersey.** 071859
on secretion of amino acids in rumen. [**Cattle** 064573
processing in optimal feed rationing for **catt-e** 064723
physical forms to adult sheep & **cattle.** 064725
can cause digestive problems. [**Cattle**]. 065922
in tissues in cases of toxic dyspepsia. [**Cattle** 065998
Pulmonary helminthiasis in **cattle according** 065563
VIEV)--an effective agent **against cattle** rin- 065866
efficacy of TF-130 preparation **against cattle** 065868
Agents of ringworm of **cattle** in **areas** of TF 065861
on west African Zebu-**Azaouak cattle.** 064114
Regional supply pattern of **beef cattle** for sl- 062627
Michigan's **beef cattle** industry now & in 19 062956
Latest development of **beef cattle** & swine h- 064115
Rearing of **beef cattle** in an enclosed enviro- 064157
Changing fashions in **beef cattle.** 064207
Beef cattle research in Texas, 1972 agricult- 064210
Raising & fattening of **beef cattle.** 8. 064608
Utilization by **beef cattle** of a cereal suppl- 064617
Growth of **beef cattle** fed on maize silage su- 064651
grassland management of **beef cattle.** 2. Diff- 064709
management on productivity of **beef cattle** 064710
Mineral additives to feed used for **beef cattle** 064770
Triticale & ergot in rations for **beef cattle.** 064783
Nutritional requirements of **beef cattle.** 064820
good growing ration for **beef steers.** 064833
with volatile fatty acids for **beef cattle** ratio- 064849
sorghum rations for finishing **beef cattle.** 064851
genotype & fattening methods of **beef cattle** 064872
Beef cattle: performance at grass. 064900
selection for yearling weight in **beef cattle.** 064959
economically important traits of **beef cattle** 065009
on subsequent reproduction in **beef cattle.** 065013
Artificial insemination, **beef cattle**]. 065048
management on reproduction of **beef cattle** 065082
performances, & carcass value of **beef cattle** 065132
On inoculating **beef cattle** with Salmonella. 065827
on subsequent reproduction in **beef cattle.** 065934
grassland management of **beef cattle.** 3. Effe- 068691
Effects of mosquitoes on **beef cattle** product- 070642
Keeping **beef cattle** in stalls costing 1000 gu- 071432
Rearing of **beef cattle** in an enclosed enviro- 071465
Mechanization of **beef cattle** rearing. 071580
milk tocopherol levels in **beef cattle** turned 064618
digestive strongyles" of **cattle** in **Belgium** & 065405
crossing of **cattle** in South **Bohemian** region 065089
Responses of **Brahman** & **Brahman**-cross co- 064854
Montgomery, 1906 in a cross-**bred Holstein** 065506
in EDP system for **cattle breedi** ng in Germ- 065121
Major characteristics of **cattle-breeding** far- 062357
animals in dairy **cattle breeding.** 062471
in U.K. exports of **breeding cattle.** 062630
Poland's possibilities of **breeding cattle** exp- 062745
Development of slaughter **cattle breeding** in 064168
of blood typing. [**Cattle, breeding**]. 064954
dairy development & **cattle breeding.** 064986
Cattle breeding in Armenia. 065091
Cattle breeding area Weser-Elbe. 065137
Cattle breeding area Weser-Ems. 065138
Cattle breeding program topic: Baden-Wurt- 065139
of Russe ranks first in **cattle breeding.** 065202
mastitis, a major problem of **cattle-breeding** 065752
toxicity hypothesis in **breeding cattle.** 066042
with visible effect in Swiss **cattle breeds.** 064942
wastes can be fed to dairy **cattle, British** tri- 064666
Littleport herd of **British Friesians.** 064957
eradication of **cattle brucellosis** in German 065661
Transamination in **cattle & buffalo** spermat- 064997
in slaughtered animals. [**Cattle, buffaloes,** s- 065057
infection in West Bengal. [**Cattle, buffaloes**] 065505
in a cross-bred **Holstein bull** in West Bengal 065506
of growth curves of **Holstein bulls.** 064175
Hereditary resultus of Holstein-**Friesian bul-s** 065131
of sexual cycle in **cattle** with **chlormadinone** 065210
of breeding operations in **commercial cattle** 065166
on leukosis complex in **cattle** & its **control.** 065485
Nursing **Friesian cow:** A new production of 064180
Nursing **Friesian cow.** [Calves, fattening]. 064182
case of atrial fibrillation in a **Holstein cow.** 065918
by simple testing methods in **Holstein cows.** 064122
oxytocic activity in lactating **Holstein cows** 064427
growth on productivity of **Holstein cows.** 1. 064711
Synchronization of estrus in **heifers & cows** 065181
on milk yield & composition in **Jersey cows** 064619
of Brahman cross & Africander **cross steers.** 063608
Responses of Brahman & **Brahman-cross** co- 064854
production from exotic & **crossbred cattle** on 064880
of irrigation & grazing of **cattle** on **cultured** 072387
Current cattle & sheep husbandry in Swiss 064184
construction criteria for **dairy cattle** econom- 062483
proteins in subclinical mastitis. [**Dairy cattle**] 063480
On development of **dairy cattle** industry. 064145
Managing cross-bred animals. [**Dairy cattle**] 064155
analyses on quantitative traits in **dairy cattle.** 064174
*** 064176
Rearing of young **dairy cattle** for herd impr- 064189
of Smeeni, Buzau District. [**Dairy cattle**]. 064200
Milk without motherhood. [**Dairy cattle**]. 064464
New feeding methods for **dairy cattle.** 064602
Poultry wastes can be fed to **dairy cattle,** B- 064666
on milk production & fertility. [**Dairy cattle** 064671
on grassland acreage. [**Dairy cattle**]. 064676
Studies on rearing method of **dairy cattle** in 064712
Feeding **dairy cattle** in lower Volga region. 064717
Feeding requirements for **dairy cattle.** 064823
production of quality milk, iII. [**Dairy cattle** 064846
of pasture feeding intake of **dairy cattle.** 064871
hay quality in winter feeding. [**Dairy cattle**] 064878
New Norwegian breeding plan. [**Dairy cattle**] 064994
of estrogen in urine of **dairy heifers.** 065018
of inbreeding in Tokachi **dairy cattle** popula- 065055
Dairy cattle herd improvement. 065064
Genetic improvement of **dairy cattle.** 065147
proteins in subclinical mastitis. [**Dairy cattle**] 065376
tetany during housing period of **dairy cattle** 065970
construction criteria for **dairy cattle** econom- 071428
Dairy cattle stall for 1000 cows. 071429
in reconstructing stalls for **dairy cattle** in c- 071430
Modern technology of milking. [**Dairy cattle**] 071490
superiority of stall systems in **dairy cattle** h- 071499
Unicar system for **dairy cattle.** 071607
of maximal fat content in **dariy cattle** rations 064877
industries of New **Jersey & Delaware.** 066557
in blood serum of **heifers** in **different** groups 065409
A comparison of ten **drylot steer**-finishing s- 064824
form of parakeratosis of young **cattle due** to 065944
of production technique of **economic cattle** r- 062391
criteria for dairy **cattle economical?** 062483
Texas **cattle economics.** [Inventories]. 062814
of possible approaches. [**Equipment, cattle**] 064080
Uruguayan slaughter **cattle, especially** taking 065964
Remarks on **cattle evaluation.** 064188
reaction in **cattle** with **experimental** SB-701 065889
s possibilities of breeding **cattle exports.** 062745
menatological evaluation of **cattle exposed** to 065611
of 1971's All Hokkaido **Holstein Fair.** 064174
application of manure on **cattle farms.** 062518
fertility advancement on **cattle farms.** 065111
prophylactic requirements for **cattle farms** 065330
application of manure on **cattle farms.** 072063
veterinary examination of **fattened cattle** & 063208
organization in **cattle fattening.** 062389
Economics of **cattle fattening.** 062485
opinions on profitability of **cattle fattening.** 062560
Organization of **fattening cattle** in stables w- 064154
versus rolled barley for **fattening cattle.** 064808
Lengthened **heifer fattening:** A possibility for 064868
Growth of beef **cattle fed** on maize silage su- 064651
plasma amino acids of **steers fed** soybean m- 064742
in Karl-Marx-Stadt county. [**Feed, cattle**]. 064053
developing straw pelletisation. [**Feed, cattle**] 064677
Urea supplements in **cattle feed** ration. 064895
What to pay for **feeder steers.** 062656
production & fertility. [Dairy **cattle, feeding** 064671
Means of improving **cattle feeding** in arid V- 064718
of beef production. [**Cattle, feeding,** Bulgaria 064776
of haysilage & its use for **feeding cattle.** 064788
Use of straw wafers in **cattle feeding.** 064790
of quality milk, iII. [Dairy **cattle, feeding**]. 064846
added to ensilage maize for **cattle feeding.** 064860
Feeding cattle with concentrated feed brick- 064873
value determination of **female cattle** (Estim- 065114
Aphids of New **Jersey,** a **few** more records 071219
implants on performance of **finishing cattle.** 064417
on protein needs of growing-**finishing cattle** 064739
A comparison of ten drylot **steer-finishing** s- 064824
is serious problem with **cattle** in **Florida.** 065921
Diets of elk, deer, & **cattle** near **Fort** Garla- 064665
Comparing Hungarian & **French cattle** trade 063100
Hereditary resultus of **Holstein-Friesian** bul- 065131
control in large herds of **cattle** of **Gdans** pr- 065609
sterilisation of **heifers** with **gestagenic** agents 065174
quality of Brown Swiss, Native **Gray cattle,** 065183
RALGRO implants for **cattle grazed** on pas- 064807
for study of "fouling" by **grazing cattle.** 064117
Paddocks for beef. [**Cattle, grazing**]. 064596
Dairy **cattle herd** improvement. 065064
operations in commercial **cattle herd.** 065166
of age & sex composition of **cattle herds** in 064199
of forage supply for large **cattle herds** under 064864
Range behavior of **Hereford, Hereford** X Ho- 064418
bovine rhinotracheitis in **cattle** in **Hokkado,** 065670
in females of 1971's All **Hokkaido Holstein** 064174
Hereditary resultus of **Holstein-Friesian** bul- 065131
farm complexes. [**Cattle, horses,** rabbits]. 064143
in treatment of animals. [**Cattle, horses,** swi- 065269
Hoechst in field treatment. [**Cattle, horses,** 065573
anthrax in Quezon province. [**Cattle, horses,** 065596
problems in relation to **housing cattle** & swi- 065242
of stall systems in dairy **cattle housing.** 071499
gradual production in **cattle husbandry** to s- 064149
Cattle husbandry & landscape tending should 064159
trichlorfon. [Ixodidae, **Hyalomma, cattle**]. 070650
composition of meat of young **hybrid cattle.** 063670
insecticides. [**Cattle, Hypoderma** bovis, Hy- 066054
Back tags to **identify cattle** & properties. 064192
Duration of immunity for **cattle immunized** 065858
Go in for an **improved cattle** shed. 071464
Means of **improving cattle** feeding in arid V- 064718
problems of technology of **industrial cattle** r- 064240
Michigan's beef **cattle industry** now & in 19 062956
On development of dairy **cattle industry.** 064145
Productivity & health of **cattle** as **influenced** 064867
between date & result of **cattle insemination** 065119
to fine French straws in **cattle insemination** 065208
Cattle at 1973 **International** Exhibit of Agri- 064181
Chelaton in treatment of **cattle intoxicated** 066031

of alimentary canal of **cattle** in **Iran.** 065623
subclinical mastitis of **cattle** with **isoxazolyl** 065422
Economic aspects of **Japanese cattle** in beef 062481
of some multiple infections. [**Cattle, Kenya,** 065881
Hereford X Holstein non-**lactating heifers.** 064418
oxytocic activity in **lactating Holstein** cows 064427
fed high-concentrate diets. [**Cattle, lambs**]. 064740
sera & dried blood from **cattle** in **Lambwe** 065882
Use of growth equations in **cattle** for **large-s-** 064580
of forage supply for **large cattle** herds under 064864
development of young **Lebedin cattle** in rela- 064897
Lengthened heifer fattening: A possibility for 064868
Importance of **cattle leucosis** for veterinary 063208
changes in blood of **cattle** with **leukosis.** 065793
damaged organs of **cattle** with **leukosis.** 065873
of Fasciola hepatica miracidia. [**Cattle, liver** 065593
of type in Black Pied **Lowland cattle** of Pol- 065069
properties of Black Pied **Lowland cattle** in 065206
in discussion on Black Pied **Lowland cattle** 065074
Polish Black Pied **Lowlands cattle.** II. 065063
characteristics of **cattle lympholeukemia.** 7. 065379
of parasite in its vector. [**Cattle, nematodes**] 065526
of Onchocerca gutturosa. [**Cattle, nematodes**] 065527
of parasite in its vector. [**Cattle, nematodes**] 070611
of Onchocerca gutturosa. [**Cattle, nematodes**] 070612
Nursing Friesian cow: A new production of 064180
Nursing Friesian cow. [Calves, fattening]. 064182
of leukemia & tumors in **cattle** as **observed** 065366
excretion of calves & **cattle** with **particular** 065895
Milkability of Eastern Red **Pied cattle.** II. 065170
of Slovak Pied & **Pinzgau cattle.** 065204
back phlegmons of **cattle** from **point** of view 065967
Cattle poisoning by nitrates & nitrites. [Fie- 066065
abnormalities in **cattle** of **Pomerania.** I. Pro- 064500
in Tokachi dairy **cattle population.** 065055
of Y-chromosomes in **cattle population.** 065173
Preparing cattle for grazing season & how to 066045
development of **cattle production.** 062935
Glance at **cattle production** in Great Britain 064132
Development of slaughter **cattle production** 064164
of procedures in milk & **cattle production.** 064220
Zebu cattle & its use in **cattle production** & 065002
of mosquitoes on beef **cattle production** on s- 070642
Cattle products & composition. [Food supply 062857
types of specialized grain & **cattle-raising** fr- 062381
On recording expenditures in **cattle raising.** 062498
of technology of industrial **cattle raising** in 064240
in relation to industrial-scale **cattle raising.** 065695
Cryptorchidism in a herd of **Rathi cattle.** 065931
volatile fatty acids for beef **cattle rations.** 064849
maximal fat content in dariy **cattle rations** 064877
technique of economic **cattle rearing.** 062391
Mechanization of beef **cattle rearing.** 071580
conditions of industrial young **cattle rearing** 064866
Perfecting Polish **Red cattle** in Siemiatycze 065076
Breeding program for Bulgarian **Red cattle.** 065188
species differentiation in **cattle** as it **relates** 065464
by industrial civilization. [**Cattle reprod** uct- 065087
Beef **cattle research** in Texas, 1972 agricult- 064210
On inefficient utilization of **cattle resources** 064206
experience of eradication of **cattle ringworm** 065863
an effective agent against **cattle ringworm.** 065866
TF-130 preparation against **cattle ringworm** 065868
in cows in relation to industrial-scale **cattle** 065695
Use of genetic parameters in **cattle selection** 065195
Blood electrolytes in **cattle-serum** sodium & 064398
proteins in type I adenovirus & **cattle serum** 065576
Go in for an improved **cattle shed.** 071464
on hides & fleeces of **cattle** & **sheep** at slau- 063042
studies on Zeranol. [**Cattle, sheep**]. 064515
function of forestomachs in **cattle, sheep** & 064553
function of forestomachs in **cattle sheep** & g- 064554
Fodder-most urgent demand. [**Cattle, sheep**] 064675
on hides & fleeces of **cattle** & **sheep** at slau- 065418
to environmental protection. [**Cattle, sheep,** 065663
treatment of black leg of **cattle** & **sheep** with 065854
live weight & carcass traits of **steers shown** 065012
Market for **slaughter cattle** & meat in Ger- 062769
Development of **slaughter cattle** production 064164
Development of **slaughter cattle** breeding in 064168
of Argentinian-Uruguayan **slaughter cattle,** 065964
Dairy **cattle stall** for 1000 cows. 071429
of meat productivity in **cattle** by **stational** 064257
to intensify breeding work on **cattle stock** at 065117
reproduction & sanitation of **cattle stocks** t- 064216
infections of **cattle** in **Sweden.** [Ostertagia o- 065590
Growth & meat formation. [**Cattle, swine**]. 064387
composition of live animals. [**Cattle, swine**] 064518
closing of protein deficiency. [**Cattle, swine**] 064779
weight gain in farm animals. [**Cattle, swine,** 065282
in animals. [Dogs, cats, **swine, cattle**]. 065890
mutations with visible effect in **Swiss cattle** 064942
News on EDP **system Cattle** (part "insemin- 065120
of Bos indicus & Bos **taurus cattle** to pleuro- 065714
of carpal hydropsies in **cattle** by **technique** of 065945
of bronchial branching in **cattle** in **Teheran** 064341
Texas cattle economics. [Inventories]. 062814
chlorphenamidine using larvae of **cattle tick** 070597
Hungarian & French **cattle trade** with regard 063100
oedematiens infection in **cattle** in **Trinidad,** 065720
aspects of physiology of **cattle** in **tropical** & 064483
Cattle tuberculosis: Diagnosis by Mantoux's 065430
resistant mycobacteria.[**Cattle, tuberculosis**] 065490
milk tocopherol levels in beef **cattle turned** 064618
of skin in 18-months' old **twin heifers.** 065092
measurements in **Holstein** of three **types.** 064176
test for anaplasmosis in **cattle vaccinated** wi- 065616
nitrogen] supplements for **yearling heifers.** 064853
Distribution of **young cattle.** 062746
Rearing & fattening **young cattle** on industr- 064153
Study of etiology of **young cattle** in alpine 064258
metabolism in organism of **young cattle** & s- 064452
serum & weight increments in **young cattle.** 064490
Feeding **young cattle** on industrialized farms 064778
of pastures in feeding of **young cattle.** 064800
under conditions of industrial **young cattle** r- 064866
feed rations for fattening **young cattle.** 064915
form of parakeratosis of **young cattle** due to 065944
of nutritional origin in **young cattle.** 065960
in prevention of disease in **young cattle.** 065985
Intensive fattening of Malagasy **Zebu cattle** 064818

CATTLEYA

Leaf-tip die-back of **Cattleya:** what's real ca- 069755

CAULIFLOWERS

from plant mitochondria. [**Cauliflower**]. 068281
Belgian vegetable cultivation. 2. [**Cauliflower**] 069161
damping off of tomato, pea & **cauliflower.** 069332
Dissipation of malathion on **cauliflower.** 070452
Effect of morphactin on **cauliflower curd-fo-** 068288
transfer chain of **cauliflower inflorescences.** 068461
virus, a new member of **cauliflower mosaic** g- 069681
In Sambalpur **cauliflower needs** boron. 072098
phase of tomato, pea, & **cauliflower seedlings** 069333
viruses. [Lettuce, **turnips, cauliflower**]. 069611

CAUSTIC

Caustic dry peeling of cling peaches to redu- 064017

CAVES

of a new genus of **cave Thysanuran** from Te- 071130

CAVITIES

Follicular cavities in adenohypophysis of ra- 064306
Water mites in **mantle cavity** of freshwater 071089
fumigatus infection in **nasal cavity** of a dog: 065719

CECIDOMYIIDAE

theobaldi Barnes (**Diptera, Cecidomyidae**). 070475
abietis Hub. (**Cecidomyidae, Diptera**). I. Bi- 070565
theobaldi Barnes (**Diptera, Cecidomyidae**). 070979
of gall midges (**Diptera, Cecidomyiidae**). 071122

CECROPIA

on warm-up in moth **Hyalophora cecropia.** 070907

CECUM

pathogenesis & control of **coecum coccidiosis** 065565

CEDARS

pine, western redcedar, & Port-**Orford-cedar** 066549

CELERY

on crops of Anethum **graveolens, celery,** & 070160
Annotated bibliography on **celery nutrition,** 068309
Stimulation of **celery seed** germination with 068290
cosmopolitan insect: **celery webworm** & alli- 071149

CELLS

ultrastructure in relation to **cell activity** in 066991
Singh's Aedes **albopictus cell** cultures as he- 070595
properties of antipyrine on **animal cell** cultu- 064337
chromosome variation in **cells** of **apple** tree 067048
Fine structure in **blood cells** of Japanese qu- 064463
on gamma-irradiated Crepis **capillaris cells** 067162
Bone-metastasizing squamous-**cell carcinoma** 065937
survival of Ehrlich ascitic **carcinoma cells.** 068137
activity of disintegrated bacillus **cereus cell** 065690
apparatus in **cells** of **Chlorella.** 067843
Intracellular & **extracellular complement** fix- 070812
of enzymes on **extracellular connective** tissue 064275
Oxidizability of **cell contents** & cytoplasm 068536
ribosomal fractions of **cells** of **cotton** plant. 068144
metabolic activities in tissue **culture cells.** I- 064364
stages of Eimeria tenella in **cell culture** by i- 065374
patoc & canicola in three kidney **cell culture** 065389
of laryngotracheitis virus on **cell culture.** 065789
of non-photosynthetic tissue **culture cells.** [068435
of antipyrine on animal **cell cultured** in vitro 064337
embryonating turkey eggs & **cell cultures.** 065390
I I. Reproduction in **cell cultures.** [Chick e- 065475
effect of Aujeszky's virus on **cell cultures.** 065699
of lipids in various plant **cell cultures.** 067479
cleavage of tyrosine in plant **cell cultures.** 067779
serogroup to some vertebrate **cell cultures.** 070595
cells at presynthetic period of **cell cycle.** 067162
aberrations in relation to **cell cycle.** [Broad- 067275
Parenchyma **cell death** & Diplodia maydis s- 069517
Cellular development of adipose tissues. [An- 064481
of reduction of cell size during **diatom cell** d- 067014
ovule in process of **cell differentiation.** 067050
Subcellular distribution of picloram. [Cowp- 068105
Cell division & wall structure in Microspora 067010
of cell size during diatom **cell division.** 067014
growth in potato tubers. II. **Cell divisions** vs 066923
quickly hybridizable with **cellular DNA** & a- 065428
in vitro cultivation of **cells** of **Elaeis** guineen- 068084
study of two **cellular elements.** 071410
growth of chicken **embryo cells** preincubated 064364
of Drosophila melanogaster **embryonic cells** 071041
II. Cell divisions vs. **cell enlargement.** 066923
ratio variations in **epidermis cells** & seeds of 067050
microscopy of intestinal **epithelial cells** of p- 065446
Chromatin of primitive **erythroid cells** from 064347
Intracellular & extracellular complement fix- 070812
properties of inflammatory **exudative cells.** 065379
particles in avian bursa of **Fabricius cells** gr- 065395
Intranuclear inclusions in **cells** of **fasciated** 067025
fatty acids after recovery of **Fhlorella cells** 067588
Studies on **forage cell** walls. I. Prediction of 064726
distribution of water in **frozen cells.** 067587
in Drosophila melanogaster **germ cells.** I. D- 070869
Giant cells produced by Telenomus remus (070933
chloroplastic 5S RNAs in **unicellular green** 067449
chlorophyll organisation in **greening cells** of 067770
enzyme apparatus in **growing cells:** glycolyt- 068159
in avian bursa of Fabricius **cells grown** in vi- 065395
Parenchyma **cell growth** in potato tubers. I. 066922
Parenchyma **cell growth** in potato tubers. II 066923
Aedes albopictus cell cultures as **helper cells** 070595
Host cell range & growth characteristics of 065511
Host cell range of chlamydial infection in n- 065522
by fusion of virus envelope with **host cell** m- 071066
of tumors & neoplastic **cells induced** with b- 065644
by ribonucleic acid virus-**infected cells** in vit- 065381
death of a potato plant **cell infected** by an i- 069464
Nicotiana clevelandii Gray. **Cells infected** by 069647
indirect analysis of sex of **interphasal cells** 064455
patoc & canicola in three **kidney cell** culture 065389
of membrane transport ability in **leaf cells** 068442
evolution in two series of **cell line** PK-15-3. 064488
of yeasts producing **extracellular lipids.** 067689
parameters of fractions of rat **liver cells.** III 064785
Intracellular location & some properties of 069681
factor 2 content of **mammalian cells:** assay 064419
Lipid biosynthesis in bovine **mammary cells** 064399
of an Acetabularia **mediterranea cell** from n- 067028
Meiotic cells in situ of Lilium longiflorum as 067046
of virus envelope with host **cell membrane** 071066
of mitomycin-C on root **meristem cells** of Vi- 067275
on mitosis in Vicia faba root-**meristem cells.** 068054
escape of sugars from **mesophyll cells** into v- 068163
Inoculation of vector **cell monolayers** with 069708
on leaves & on vector **cell monolayers.** 069711
acid synthesis, & **cellular morphology** in m- 064426
in contact-induced inhibition of **cell motion.** 064499
morphology of tumors & **neoplastic cells** in- 065644
History of development of **cell net** of Leske- 067013
On activity of **neurosecretory cells** in flesh-f- 070852
between wheat cytoplasm & rye **cell nuclei** 067370
on electrokinetic properties of **cell nuclei** of 068343
Impedance of Nitellopsis **obutsa cells** at low 067653
trees. III. Occurrence of **overwintering cells** 066982
method of forage conservation on **packed cell** 064965
Parenchyma cell growth in potato tubers. I. 066922
Parenchyma cell growth in potato tubers. II 066923
Parenchyma cell death & Diplodia maydis s- 069517
Comparison with effects on **plant cells.** 064337
ring-cleavage of tyrosine in **plant cell** cultur- 067779
Studies on growth in culture of **plant cells.** 068546
of hypersensitive death of a potato **plant cell** 069464
composition of lipids in various **plant cell** cu- 067479
Formation of **polyploid cells** in ripening cot- 068390
Intracellular polysaccharide of rumen bacter- 064301
Localization of ions in **cells** of **Potamogeton** 067574
growth of chicken embryo **cells preincubated** 064364
Giant **cells produced** by Telenomus remus (070933
Distribution of yeasts **producing extracellul-r** 067689
Effect of **extracellular products** of Aulosira 068130
Regulation of **exocellular proteases** in Enur- 067433
Regulation of **exocellular proteases** in Neur- 067434
Host **cell range** & growth characteristics of 065511
Host **cell range** of chlamydial infection in n- 065522
Cellular reactions caused by subulurid & spi- 071079
Proliferation & properties of **rice cells** subcu- 066968
Extracellular RNase C2 Aspergillus clavatus 067405
Observations relative to **royal cell** of Macro- 071019
between wheat cytoplasm & **rye cell** nuclei 067370
Results of building **silo cells.** 071447
Active ventilation of metal **silo cells.** 071476
Problem of reduction of **cell size** during dia- 067014
Morphogenesis in **cellular slime** mould Dict- 066990
Bone-metastasizing **squamous-cell** carcinoma 065937
of mitochrondria in etiolated pea **stem cells** 067044
properties of rice **cells subcultural** in a liquid 066968
differentiation of its **surface cells.** 067041
coumarate: CoA ligase from **cell suspension** 067912
Acer pseudoplatanus L. **Cells** in **suspension** 068546
of ultimobranchial body & of C-**cell system** 064409
metabolism of isolated calf **thyroid cells.** 064351
neutron irradiation on root-**tip cells.** [Chro- 067379
silver reaction in meristematic root **tip cells** 068360
of avian lymphoid **tumor cells.** 065668
Inoculation of **vector cell** monolayers with 069708
virus by lesions on leaves & on **vector cell** 069711

of rabies serogroup to some **vertebrate cell** 070595
On ability of vital cells of Aspergillus oryzae 067716
forage conservation on packed **cell volume** 064965
polymerization of lactide in wood **cell wall.** 066493
cell from nucleus, cytoplasm, & **cell wall.** 067028
Chemical composition of **cell wall** of Smitti- 067707
Studies on forage **cell walls.** I. Prediction of 064726
Sucrose & **cell walls** as factors affecting Ph- 069474
with spinach chloroplasts & **whole cells** of 067477
polymerization of lactide in **wood cell** wall. 066493

CELLULASES
Cellulases. 1. Sources, technology. [Biodegr- 063425
A **cellulase complex** in culture filtrates of R- 069261
Changes in **cellulase** & **pectinase** activities in 068443
Cellulase in **red** clover exudates. 068124
of Trichoderma **viride cellulase.** 067662

CELLULOLYTIC
of pectolytic & **cellulolytic enzymes** by Rhi- 069342
Production of **cellulolytic, pectolytic,** & oxy- 069333

CELLULOSE
Polymorphs of **cellulose.** [Cotton]. 063825
of serum proteins on **cellulose acetate:** com- 064279
of liquids sorbed on **cotton cellulose.** 063824
Reaction of **cotton cellulose** with phosphorus 063838
Cellulose decomposition in forest litter of s- 066362
of lignin & **cellulose** in **forages** by extraction 064067
viscoses. 2. Influence of **cellulose origin,** car- 066521
surface & specific volume of **cellulose pulp.** 066534
of residues of vegetation, & of **pure cellulose** 069987
of reactivity in **cellulose** from **sugarcane** res- 063807

CEMENT
process uses **cement** as a **binding** agent. 066569
properties of wood based **cement board.** 066566
manufacturing of wood based **cement boards** 066450
manufacturing of wood based **cement boards** 066454

CENCHRUS
Digitaria decumbens, **Cenchrus ciliaris].** 067936
nitrogen & phosphate on **Cenchrus ciliaris** at 072019

CENSUS
Commercial crops in California. [**Census**]. 062813
count in Caribbean. [**Census, Dominican** Re- 062796

CENTAUREA
with Centaurea jacea L. **And Centaurea** aug- 066912

CENTAURIUM
On iridoids of **Erythraea centaurium** Pers. 067556

CENTIPEDES
nervous system of **centipede Scolopendra** m- 071094

CENTRIFUGE
micelles from **analytical ultracentrifugation** 063520
Centrifugal androecium of Couroupita guian- 066930
Comparative ultracentrifugal studies of ocine 064267
A **centrifuge method** for determining live we- 070817
On study of **centrifugal separators** of grain 071698
of traditional & **centrifuge technology** of cot- 063275

CEPA
SEE ALLIUM

CEPHALIC
Cephalic anatomy of + Clypostemmatinae 070758
of Anguilla vulgaris & **Mugil cephalus.** 063409
Volatile **cephalic substances** of stingless bees 070923

CEPHALOSPORIUM
Nigrosporia, Cephalosporium]. 069297
Alkaline proteinase from **Cephalosporium sp** 067657
*** 067659

CERAMBYCIDAE
Cerambycidae of North **America.** Part vi, No 071146
Park of Itatiaia **(Coleoptera, Cerambycidae)** 071143
longicorns **(Coleoptera, Cerambycidae,** Lami- 071315
Central Africa **(Coleoptera Cerambycidae).** 071329

CERAMIACEAE
new alga, Haloplegma anwerii **(Ceramiaceae** 067017

CERAMIC
Brick & **ceramic floors** of swine fattening q- 071497

CERATITIS
of fruit. [Strumeta tryoni, **Ceratitis capitata** 070511
development of insects. **[Ceratitis capitata]** 070887

CERATOCYSTIS
in Puerto Rico. **[Ceratocystis paradoxa,** phy- 069433
Coremia production of **Ceratocystis ulmi** gr- 069391
Dutch elm disease. [Ulmus, **Ceratocystis ul-i,** 069508

CERATOPOGONIDAE
of Culicoides (Diptera, **Ceratopogonid ae)** fr- 071309

CERCOSPORA
in twelve species of **Cercospora.** [Blight, Pl- 069293
Infection rates of **Cercospora apii** in mixed 069484
germplasm. **[Cercospora arachidicola,** Cerco- 069351
outbreak of strains of **Cercospora beticola** r- 069520
to incidence of **Cercospora fusimaculans** on 069507
of **Cercosporella herpotrichoides** in wheat. 069327
Tolerance to **Cercosporella herpotrichoides** 069466
Studies on life-mode of **Cercospora sequoiae** 069395

CERCOSPORELLA
SEE CERCOSPORA

CEREALS
Problem of lodging resistance in **cereals.** 068079
of growth retarding substances on **cereals.** I. 068209
seeding may lead to greater yields. **[Cereals** 068681
sativus as a pathogen of **cereals.** 069280
Chemicals for dressing seeds of **cereals.** [Fi- 069455
mixtures for weed control in **cereals.** 069990
Objectives of weed control in **cereals.** 070027
Weed control in **cereals;** a manufacturer's vi- 070029
Objectives of weed control in **cereals.** need 070030
Experiments with weed control in **cereals** us- 070131
Destruction of wild oats in **cereals.** [Avena 070183
Harvesting equipment for **cereals.** 071575
of weed control in **cereals-an agronomist's** p- 070028
Development of **cereals** & **animal** production 062985
Trials in **cereals** with **bentazon** (3-isopropyl 069986
Breeding cereals for quality. [Wheat]. 067281
area of standardization of **cereals** & **cereal** p- 063141
in case of harvesting with **cereal combines.** 071704
in controlling Tilletia & other **cereal crop** di- 069386
Mycoflora of **cereal crops** in Selengin & cen- 066072
Septoria diseases of **cereal crops.** 069456
in western pomerania area. [**Cereal crops,** i- 070365
particular reference to **fertilizing cereals.** 072032
repens seedlings in **cereals** & **field** beans. 070072
Cereal grass culture in Buryat-Mongolia. 068831
Autumn weather **& cereal growing** in Engla- 068676
winter legumes **& cereals** & on their **influen-e** 068815
"storehouses" of **cereals** & their **influences** 068022
Cereals & maize harvested as whole plants 068666
of second generation in **cereals** & **potato.** 067799
for further rise of **cereal production.** 068670
standardization of cereals & **cereal products** 063141
Higher production of **quality cereals** by nitr- 072025
growth with emphasis on **cereals** & **related** 068050
sales, & prices of **Scottish cereals.** 062762
Cereal seed dressings. 069795
of presence of wild oat seeds in **cereal seed** 070017
Dressing of **cereal seeds.** 069863
of Avena spp. in winter & **spring cereals.** 070063
weed-killers for use on **cereals** in **spring** 19 070122
of dicotyledons in winter & **spring cereals.** 070184
of fate of avena fatua seeds on **cereal stubble,** 070060
by beef cattle of a **cereal supplement** given 064617
seed treatment trials 1972. **[Cereals, Tilletia** 069279
of high-yielding **cereal varieties** of efficient 068670
Cereal variety recommendations for 1973. 068830
of Alopecurus myosuroloes in **winter cereals** 070062
introduction of high-**yielding cereal** varieties 068670

CEREUS
to controversial agents: **Bacillus cereus,** Pse- 063053
activity of disintegrated **bacillus cereus** cell 065690

CEREVISIA
factors in **Saccharomyces cerevisiae.** 067300

CERTIFICATION
list of cultivars eligible for **certification,** 19 069168
Production of **certified seed** potatoes by var- 068941

CERVIX
Congenital cervical heart position in a pig: s- 065953
Research on normal & **pathological cervical** 065632

CESIUM
Content of 137 Cs [**cesium** 137] in muscles 066033
Coleoptera: Cucujidae) to **cesium-137.** I. Irr- 070571
Strontium-90 & **caesium-137** as **dangerous** c- 072584

CESTODA
Biology of Thysanosoma actinioides **(Cestoda:** 065582
in Stockholm cats. **[Ascaris,** Cestoda]. 065649
Contribution to biology of **fowl cestode** Rail- 065396

CHAFER
Control of smaller green **flower chafer,** Oxy- 070470

CHAGAS
cruzi infection **(Chagas' disease)** in mice & 065894

CHAINS
Land clearing with **chains:** Considerations on 072307
enzymes involved in branched-**chain amino** 064441
Biosynthesis of branched-**chain amino** acids 067631
Biosynthesis of branches-**chain amino** acids 067632
dehydrogenation & side-**chain degradation** e- 067421
working methods of bulk **fertilizer chains.** 072052
Selenium in **food chain.** [Soils, plants, anim- 067546
of radioactive contamination in **food chain** (072584
antibody specific for mu **chain** on **IgM, IgY,** 065530
Chain initiation & phenol inhibitor effective- 063468
of Sakhalin & Iturup islands (**Kurile chain)** 066876
A **chain** of **programs** for treatment of data on 072442
Respiratory chain of plant mitochondria. XV 068265
of a single cysteine **side chain** in phosphory- 064365
of tractor with or without non-**skid chains?** 071554
Private label milk for **chain stores** continues 062642
in mitochondrial electron-**transfer chain** of c- 068461
system & formation of **transport chains.** 071541

CHALCIDIDAE
Westwood (Hymenoptera: **Chalcididae)** in c- 071286

CHALCIDOIDEA
some Dirhinini (Hymenoptera: **Chalcidoidea** 071284
Hymenoptera: **Chalcidoidea** from **India.** 071290

CHAMAECYPARIS
SEE PINACEAE

CHAMAEMYIIDAE
of a new species (Diptera: **Chamaemyiidae).** 071147

CHAMBERS
within controlled-**environment chambers** as 067483
Some conditions of **nasal chambers** of dog & 065324

CHAMPAGNE
aromatic substances of wine & **champagne.** 064021
processes of **champagne manufacture.** 064028

CHANNELS
Preservation of **channel catfish** with some se- 063393
Erosion-proofing **drainage channels.** [Soils]. 072283
English Channel, Mediterranean, Atlantic. 062989
High returns from **field channels** in irrigated 062578

CHAPARRAL
fire spread in Arizona's **oak chaparral.** [Que- 066146

CHAR
on rate of free radical & **char formation** dur- 063837

CHARACEAE
electrical resistance of **Characeae.** 067654
acid regions at surface of **Chara corallina** ce- 067646

CHARCOAL
Effect of heating-material **(charcoal)** on some 071682
Activated charcoal as a herbicide antidote. 069943
Influence of **activated charcoal** on tolerance 070050
Use of **charcoal dips** for protection against s- 070079
ovens for manufacture of **plant charcoal.** 063302
Charcoal rot of ridge-gourd: a pycnidial stra- 069378
influence of greenbugs on **charcoal rot** of so- 069557
About **charcoal** for **steel** mills & forges. 066540

CHAROLAIS
Young **Charolais bulls** & corn silage: Condit- 062432
of Black Pied cows with **Charolais bulls.** 065153

CHAROPHYTA
Tertiary Charophyta from Bulgaria. 066669

CHEESES
of water soluble calcium in **cheese.** 063486
nitrate & with deep frozen starters. **[Cheese** 063532
Packaging of **cheese.** 063563
lactic acid microorganisms used in **cheese-m-** 063565
"pasta filata" (plastic curd) **cheeses.** 063568
Goat **cheese confirms** its noble origins. 063571
centrifuge technology of **cottage cheese** pro- 063275
of untreated **cottage cheese** whey by electro- 063524
centrifuge technology of **cottage cheese** pro- 063578
in associative growth of **cheese cultures.** 063522
milk quality in area of hard **cheese dairies.** 063151
study: Syneresis of Cold-Pack **Cheese Food** 063525
German cheese market as reflected in mark- 062646
Goat cheese confirms its noble origins. 063571
Raw milk quality in area of **hard cheese** dai- 063151
aspects of raw milk in **hard cheese** producti- 063153
Biochemical processes in **hard cheese** during 063549
in United Kingdom. **[Cheese manufacture].** 063557
German **cheese market** as reflected in mark- 062646
case study: Syneresis of Cold-**Pack Cheese** 063525
Future shock. [Dairy **plants, cheese].** 063566
of raw milk in hard **cheese production.** 063153
technology of cottage **cheese production** on 063275
of lactic acid in **cheese** & **starters.** 063485
of melting & forming **Suluguni cheese.** 063561
of untreated cottage **cheese whey** by electro- 063524

CHELATES
modified virus vaccine & **chelated ficocolloids** 065630

CHELONETHIDEA
Pseudoscorpions from **Mount** Poroshiri-dake 071251

CHEMICALIZATION
Chemicalization of **agriculture** & tasks before 063205
Problems in **chemicalization** of **fruit** culture. 072061

CHEMISTRY
biosynthesis & inhibition by **chemicals.** [Pot- 063122
of mutations induced by other **chemicals.** [B- 067068
Weathering a difficult time for **chemicals.** 072170
Wild birds & **chemicals.** [Pollution]. 072529
by starter cultures & **chemical acidulation.** 063120
Symposium: **chemistry** & **activity** of insect 070252
Chemical additive for manure. 072159
Chemistry of **adenosine** monophosphate site 064317
Chemistry of **adenosine** monophosphate site 064318
for new prophylactic **chemicals against** saps- 066501
leaf senescence. I. Effects of **age, chemicals,** 068289
Agricultural chemical: Rodenticides, herbici- 066015
agronomists, **agricultural-chemical** centers & 069783
Agricultural chemical: Rodenticides, herbici- 070670
Speculations on **agricultural chemical** devel- 070716
SSR) using **chemicals amendments.** 071712
Studies on **chemistry** of **arterial** wall. XVI. 064395
Fighting weeds with **chemicals** in **autumn.** 070168
mangroves & water **chemistry, Barbuda,** We- 066861
Certain new concepts on **chemistry** of **cation** 067555
agronomists, agricultural-**chemical centers** & 069783
Effect of **certain chemical** mutagens on pea 067190
Specificity of effect of **certain chemical** mut- 067202
Chemical changes during cooking, processing 063411
Chemical changes during cocao bean fermen- 063436
diet on physical & **chemical characteristics** 064655
physico-**chemical characteristics** of soils. 069535
I. Morphological & **chemical characteristics** 071742
of lime on some **chemical characteristics,** nu- 072004
Chemistry of **collagen** cross-links. Age-relat- 064313
Chemical components of some species of Poa 068200
correlations between **chemical composition** 062781
Chemical composition, amino acid content 063226
Chemical composition of some soups & stews 063395
Chemical composition & nutritive value of y- 064070
Chemical composition, "in vitro" digestibili- 064600
Chemical composition, amino acid content 064628
Quanitity & **chemical composition** of milk o- 064791
observations on **chemical composition** of the- 067652
Chemical composition of cell wall of Smitti- 067707
of environment on **chemical composition** & 067806
Chemical composition of several species of 067816
plants. 2. Changes of **chemical composition** 067893
Effect of fertilizers on **chemical composition** 068027
Effect of fertilizers on **chemical composition** 068066
Chemical composition of tobacco leaves alte- 068111
mineral fertilizers on **chemical composition** 068188
correlations between **chemical composition** 068204
Chemical composition of an assortment of s- 068205
Chemical composition of bark of Larix sibir- 068527
Studies on yields & **chemical composition** of 068815
D (butyl ester) on **chemical composition** of 070174
On **chemical composition** of frontal gland se- 070759
Chemical composition of compounds produc- 070807
Chemical composition of forest litter water- 071886
facsiolicidal activity of **chemical compounds.** 065532
machine of MA3,5 **chemical conditioners** & 071687
Fungicidal activity & **chemical constitution.** 063157
coarse wool. Ii. **Chemical constitution** of sui- 063613
Effect of soil moisture & **chemical control** in 069301
Experimental results of **chemical control** of 069320
Chemical control of Botrytis & Cladospori- 069458
Chemical control of root-knot nematode on 069806
Chemical control of nematodes on cabbage in 069871
Chemical control of wild oats in wheat with 069944
Chemical control of Alopecurus myosuroides 070066
Chemical control of Avena fatua in winter 070067
Possibility of **chemical control** of Echinochl- 070175
in cereals. [Avena fatua, **chemical control**]. 070183
Chemical control of coltsfoot in northern S- 070212
Trials of **chemical control** of Aceria guerrer- 070370
Field tests of **chemicals** for **control** of tobac- 070403
Chemical control of hairy caterpillar, Eupro- 070449
Chemical controle of maize weeds. 070147
Trends in **chemical & cultural** weed control 070016
Physiology & **cytological chemistry** of blue- 067435
Biological & **chemical detection** of trichothe- 067422
activity of **developmental chemical** substanc- 065755
on agricultural **chemical developments** in cu- 070716
of antiobiotics & **chemicals** for **disease** trea- 065635
Chemicals for **dressing** seeds of cereals. [Fi- 069455
TMTD & boric acid--**effective chemicals** for 069552
Effect of some **chemicals** on **effecto** of X-ray 067200
Chemical examination of flower oil of Agera- 063346
Chemical examination of seeds of Entada p- 067608
Influence of **chemical factors** on stability of 063848
Chemical fat in musculature of sheep carcass 063609
wild oats in cereals. [Avena **fatua, chemical** 070183
in crop cultivation. 19. [**Chemical fertilizers** 071972
of doses of organic & **chemical fertilizers** on 072207
Chemical finishing of cotton yarns for impr- 063829
linoleic acid methyl ester. [**Food chemistry**] 063438
soldier: analysis of **chemistry** & **function.** 070891
Where have all toxic **chemicals gone?** [Wat- 072532
Chemistry of **ground** water in a district in s- 072426
Chemical growth regulant for peanuts. 068091
Chemical growth regulators for agriculture. 068351
Possibilities of **chemical industry** regarding 065571
Effect of pollution from **chemical industry** on 066152
Pressure apparatus for **injecting chemicals** i- 066368
Some physico-**chemical interactions** of para- 070231
Some physico-**chemical interactions** of para- 070232
Some physico-**chemical interactions** of para- 071956
Some physico-**chemical interactions** of para- 071957
Some physico-**chemical interactions** of para- 067609
Chemical investigation of Ancistrocladus he- 067747
Chemical investigation of Prosopis glandulo- 068138
seeds on superweak **chemical luminescence** 071687
disseminating machine of MA3,5 **chemical** c- 063186
Chemicals in **meat** diets greatly overemphas- 070143
joint application of **chemical** & **mechanical** 066494
of radiation **chemistry modifying** birch wood 067195
Chemical mutagenesis in wheat. 067190
Effect of certain **chemical mutagens** on pea 067202
of effect of certain **chemical mutagens** on st- 067538
Studies in **mycological chemistry.** XXX. Iso- 064688
meal. III. **Chemical** & **nutritional** evaluation 068289
I. Effects of age, **chemicals, petiole,** & phot- 065235
medicine research in **chemical-pharmaceutic-l** 064403
Physic chemical properties of pheasant eggs 063933
Chemical & **physical** basis of texture in hort- 069535
soil amendments & **physico-chemical** charac- 070231
Some **physico-chemical** interactions of para- 070232
Some **physico-chemical** interactions of para- 071932
Physico-chemical & mineralogical character- 071956
Some **physico-chemical** interactions of para- 071957
Some **physico-chemical** interactions of para- 072025
according to results of **chemical plant** analys- 064835
prepared with **chemical preservatives** & biol- 063830
Chemical processing of commerical type fab- 069856
Chemical products for plant protection in 1 069518
Benomyl **promising chemical** for leaf & stem 063685
Biological & **chemical properties** of avian m- 063951
Physical, rheological & **chemical properties** 064403
Physic **chemical properties** of pheasant eggs 067420
Flocculant & **chemical properties** of a polys- 068892
degrees of intensity on **chemical properties** 066501
trials for new **prophylactic chemicals** against 066494
characteristics of **radiation chemistry** modify- 063384
Chemical reactions involved in deep fat fryi- 072321
Chemical reclamation of intro-oasis moving 070102
Effects of plant growth-**regulatory chemicals** 070068
Chemical roguing of Avena spp. 070158
Effect of **chemicals** on **seed** germination of 063393
catfish with some **selected chemicals.** 066386
Chemical spot disseminator: a new aid in re- 070474
Effect of physical & **chemical stimuli** on ovi- 063612
Physical & **chemical studies** on fine & coarse 063613
Physical & **chemical studies** on fine & coarse 063972
Physiological & **chemical studies** of chilling 065755
of developmental **chemical substances** tested 068138
irradiation of seeds on **superweak chemical** 064443
Chemical sympathectomy of rabbit oviduct 068958
Mechanism of **chemical thinning** in Satsuma 063713
Tobacco chemistry. 17. Evaluation of two m- 072532
Where have all **toxic chemicals** gone? [Wat- 066374
Chemical treatment of young Pinus stands, 069400
Seed **treatment chemicals** for coniferous spe- 066861
Inland mangroves & **water chemistry,** Barb- 070108
Program approach to **chemical weed** control 070118
Chemical weed control in fiber flax. 070124
Chemical weed control in onions & leeks. 070141
Chemical weed control in anthurium. [Andr- 070164
Contribution to **chemical weed** control in fo- 070167
Chemical weed control in field crops. 070180
Chemical weed control in cotton. [Sorghum 070185
Chemical weeding of potato.

CHEMISTS
Marin Rouelle (1718--79. [**Food chemists**]. 063367

CHEMOPROPHYLAXIS
SEE PROPHYLACTIC

CHEMOSTERILANTS
Effects of **chemosterilants** on **development** 070598

CHEMOTAXONOMY
some other Liliflorae. [**Chemotaxonomy**]. 066771

CHEMOTHERAPY
antibiotics & other **chemotherapeutic agents** 065845
use of antibiotics & **chemotherapy** in **animal** 063059

CHENOPODIACEAE
carbon] & C4 [carbon] species of **Atriplex.** 067415
patterns in two saltbush (**Atriplex spp.**) co- 071809

CHERNOZEM
in Caucasian foothill **carbonate Chernozem** 071848
use of fertilizers in **heavy Chernozem** soils 071977
elements & nitrogen in **leached Chernozem** 071838
movement of moisture in **leached Chernozem** 071921
of winter wheat grain in **leached Chernozem** 072064
of winter wheat grain in **leached Chernozem** 072221
on **Chernozems, montmorillonites** & hydrob- 071877
wheat grain quality in non-**Chernozem region.** 068697
of dilute salt solutions on **Chernozem soil** es- 071796
of forest trees & shrubs on **Chernozem soils** 066162
value of winter wheat on **chernozem soils.** II 068827
oblained on dextran gels. [**Chernozem soils**] 071864
of plowing depth in **Chernozem soils** of Sta- 072329
soils of subzone of **southern Chernozems** in 071840
sandy loam soil in a non-**chernozem zone.** 072246

CHERRIES
Important diseases of **cherries.** [Blumeriella 069446
Cracking in **cherries.** VI. Cracking susceptib- 069748
internal defect in **black cherry.** [Prunus ser- 066563
peaches, apricots, plums, **cherries, flowering** 069916
knowledge of transmissibility of **cherry leaf-** 069722
Bacterial canker of **mazzard cherries** in Cr- 069606
pear, prune, & sweet & sour **cherry orchards** 072010
for flower buds. [Apples, **pears, cherries**]. 068350
1973 **Cherry pest** control. 069742
ULV spells pitfall for **cherry pest.** [Rhagole- 070493
limitations to processing **quality cherries?** 063978
inhibitor or promoter? [**Sour cherries**]. 068373
for determination of **sour cherry** varieties for 069164
on acclimation & dehardening in **tart cherry** 068238

CHESTNUTS
winter wheat grain in **dark Chestnut** Solone- 071981
varieties when irrigated in **light chestnut** soi- 068711
of degrees of crumbling of **light Chestnut** soi- 071795
pastures on sloping land of **Chestnut soil** re- 068719

CHEWING
system in Collembola with **chewing mouth** 071105

CHICKENS
on oviposition & egg composition in **hen.** 064290
transport into developing oocyte of **chicken** 064323
plasma of White Rock chickens & **hens.** 064558
balance in White Rock chickens & **hens.** 064559
transport in jejunum & ileum of **chickens.** 064563
on intestinal & cecal coccidiosis in **chicken.** 064663
Chalk or oyster shell for **hens.** [Feed]. 064667
Layllpur Silver Black breeds. [**Chicken**]. 065004
fluorescent antibody reaction. [**Chickens**]. 065374
DNA & associated with poly A. [**Chickens**] 065428
Immunology of coccidiosis in **chicken.** 065437
on intestinal & cecal coccidiosis in **chicken.** 065447
solution prior to incubation. [**Chickens**]. 065494
of immuoglobulin ontogeny in **chicken:** effect 065530
inactivated combined vaccine. [**Chickens**]. 065537
associated with Marek's disease of **chickens** 065538
control of coecum coccidiosis in **chickens.** 065565
immunity of Newcastle disease in **chickens.** 065591
diagnosis of pullerum disease in **chickens.** 065726
on enzootic, chronic coccidiosis in **chickens** 065727
against infectious bronchitis of **chickens.** 065825
antibodies in detection of pulorosis in **hens** 065888
Cystadenoma of ovary in a fowl. [**Chickens**] 065932
to antigenic factors: M II strain. [**Chickens**] 066416
of intestinal globule leucocytes of **chicken.** 064255
respiratory mycoplasmosis in **chickens.** 065724
with egg laying, egg weight & **adult hen** wei- 064944
factor-like **antiglobulinin chickens** infected 065523
Feeding of young **breeding hens** of meat type 064794
Histone fractions in **chicken bursa** of Fabric- 064348
DOPS). [**Cats, chickens**]. 064252
sulfamethazine sodium to **Leghorn chickens** 065336
for autosexing in **commercial chicken.** 065061
Feeding laying **hens cooked** soybeans. 064642
calcium metabolism in **chickens** of **different** 064592
On microchromosomes in **domestic chicken.** 064522
Isolation & fractionation of **chicken egg** whi- 063682
emulsifying characteristics of **hens' egg** yolk 063688
of heterosis in crosses of lines of **hens** of **egg** 065093
function of shell membrane in **chicken egg** in 065478
Semisynchronous growth of **chicken embryo** 064364
Histones of **chicken erythrocytes.** IV. Quant- 064330
hamster kidney cells & **chicken erythrocytes** 065476
alkaline balance in **hens** with **experimental** 066009
Carbonyl compounds of **chicken fat** during c- 063683
of free amino acids in muscle of **chickens fed** 064623
Utilizing of vitamin A by **hens,** their **feed** m- 064825
enriched with magnesium, in **hen feeding.** 064902
Chicken germ resources--origin & developm- 065060
hot air heating on microclimate of **hen halls** 071442
Ontogeny of **chicken hemoglobin.** II. Chro- 064448
to study of microclimate in **hen-houses** with 071443
in blood groups of **hens** after **hybridization.** 064981
virus using heat-**inactivated chicken** sera. 065721
factor-like antiglobulinin **chickens infected** 065523
level in plasma of **chickens** with **infectious** i- 065887
in White Leghorn & Rhode **Island hens.** 064579
manure of liquid manure from **laying hens?** 064129
Effect of restricted feeding on **laying hen.** 064610
acid content in egg yolk. [**Laying hens**]. 064624
Utilization of dietary energy in **laying hens** 064636
Feeding **laying hens** cooked soybeans. 064642
Can we economize on feed for **laying hens?** 064668
control at hatching periods for **laying hen.** 064933
necatrix in soil content of **laying hens.** 065658
external parasites on **laying hens** with durs- 070596
regard to ammonia in boxes of **laying hens** 071443
of manure from cages of **laying hens.** 071506
of Calcium in mixed feed for **laying hens,** u- 064593
sulfamethazine sodium to **Leghorn chickens** 065336

of ribosomal RNA during **chicken lens** deve- 064324
well as glutathion quotients in **liver** of **hens** 064907
polymorphism of **hen lysozyme.** 064367
Freeze-drying of **chicken meat.** 063687
Consumption by **chickens** of **metabolizable** 064843
glands in spontaneously **moulting hens.** 064402
synovitis in **chickens** in **Netherlands,** with s- 065667
of vitelline membrane of **hen's ovum** by a tr- 065025
Chromosomes of **chicken-pheasant** hybrids. 064941
virus in sera of men, horses, **pigs, hens** & ge- 065570
Effect of age of **chicken** on **quality** of egg sh- 064405
Health of **hens raised** in typical coops with 064556
Health of **hens raised** in typical coops with 064561
Health of **hens raised** in typical coops with 065361
Health of **hens raised** in typical coops with 065364
between rats & **chickens** in **response** to syn- 064445
in blood plasma of White **Rock chickens** & 064558
alkaline balance in White **Rock chickens** & 064559
virus using heat-inactivated **chicken sera.** 065721
virus strain isolated from **chickens showing** 065557
animals fed zinc bacitracin. [**Chickens, swine,** 063179
in farm animals. [Cattle, **swine, chickens**]. 065282
requirements of **chickens** & **turkeys.** 064647
on blood serum of **hens, turkeys** & pigeons a- 065694
Health of **hens** in **typical** coops with refere- 064560
egg laying, egg weight & adult **hen weight.** 064944
on productive behaviour of **White Leghorn** 064406
second laying years of **White Leghorn** & La- 065004
on quality of egg shell in **White Leghorn** & 064405
esterase of blood serum in **White Leghorn** & 064579

CHICKPEAS

L.) by 2,3,5-triiodobenzoic acid. [**Chickpeas**] 068315
survival of Ascochyta rabiei. [**Chickpeas**]. 069429

CHICKS

microclimate in battery raising of **chicks.** 064232
chain amino acid catabolism in **chick.** 064441
after hormonal bursectomy. [**Chicks**]. 064571
of addition of reserpine in ration of **chicks.** 064719
on persistent yolk sac condition in **chicks.** I- 065496
into an outbreak of blindness in **chicks.** [Av- 065499
stimulating hormone from **chick anterior** pit- 064311
components in developing **chick aorta.** 064275
in experimentally infected **baby chicks** with 065496
of streptomycin from **chick body.** 065848
distribution of ampicillin in **chick body.** 065852
A disease in **chicks caused** by pathogenic St- 065730
of rickets in **chicks** in a **commercial** poultry 065929
tissue components in **developing chick** aorta 064275
of spermine on early **chick development.** II. 064375
on Muellerian ducts of **chick embryo.** 064339
provoked by estrogens in **chick embryo.** 064340
Calcium regulation by **chick embryo;** an exp- 064342
study of neural induction in **chick embryo.** 064361
dehydrogenase activity in **chick embryo** me- 064487
in developing brain. [**Chick embryo**]. 064526
of Ranikhet disease virus in **chick embryo** fi- 065503
Incidence of antibodies to **chick embryo** let- 065520
in cell cultures. [**Chick embryos**]. 065475
activity of coccidiostats on **chick embryos.** 065803
of pigeon herpesvirus in **chick embryos.** 065903
level in liver of **chicks** to **encephalomalacia** 064684
secretion by exocrine pancreas of **chicks fed** 064497
treated cottonseed meal. [**Chicks, feeding**]. 064688
Use of ammonium salts in **feeding chicks** rai- 064750
II. Feeding & rearing of **pheasant chicks.** 063286
of ammonium salts in feeding **chicks raised** 064750
dust as a source of energy in **chick rations.** 064720
of Selenium 75 in **chick** in **relation** to vitam- 066005

CHICORY

A new method of breeding **Witloof chicory.** 067079

CHILDREN

on flame retardant. [**Fabrics, children's** slee- 063197
Education & occupation of **farm children** in 062135
Milk supply to **children** in **northern** Norway 063258
iron glycerophosphate. [**Children, nutrition**] 063227
Nutrition of infants & **preschool children** in 063280
flame retardant for high **quality children's** s- 063195

CHILIS

for maximum production of **chillies.** 072111
This **chilli counts** in Rajasthan; a new chilli 069074
practices in respect of **chilli cultivation.** 068984

CHILLI

SEE CHILIS

CHILO

mays Linn.) against maize stem **borer, Chilo** 070339
in maize in relation to stem **borer, Chilo** zo- 070340
as a predator of sorghum stem **borer, Chilo** 070342
partellus Swinh., **Chilo orichalcociliella** Str- 070387
insect pests. [Pyricularia **oryzae, Chilo** supp- 069296
station, Kala Shah Kaku. [**Chilo suppressalis**] 067283
station, Kala Shah Kaku. [**Chilo suppressalis**] 070355

CHILOCORUS

Geographic races of **Chilocorus bipustulatus** 071103

CHIMERA

Chromosomal chimeras of camellias "Fragr- 067074
Virus infection & **chimeras** of **Ligustrum** vul- 066979
of selecting for breeding **mutation chimeras** 067180

CHIP

of compost from sawdust & **chipper-dust.** 066452
Chip quality, bark tolerance & fiber yield. 066412
Application of wood **chips technology** in ind- 066468
Compression debarking of **wood chips.** 066554

CHIRONOMIDAE

glands of Acricotopus lucidus (**Chironomidae**) 070757
two hemoglobin loci of **Chironomus.** [Tenta- 070771
riparius Meigen (Diptera: **Chironomidae**). 070861
smithae (Sublette) (Diptera: **Chironomidae:** 071110
Chironomidae (Diptera) form Caucasus: Di- 071114
phenology of **Chironomidae** as **determined** 070768
agrayloides Kieff. (**Diptera, Chironomidae**), 071144
ambigua Zett. (**Diptera, Chironomidae**) in 071265
nymphs of **Ephemeroptera, Chironomidae,** & 070984

CHLAMYDIACEAE

para-influenza-3 virus, **Chlamydia, Coxiella** 065423
Host cell range of **chlamydial infection** in n- 065522
intestinal infection with **Chlamydia psittaci** 065382
of a strain of **Chlamydia psittaci** of bovine i- 065383
Chlamydial studies in Philippines. I. Prelim- 065597

CHLAMYDOMONAS

shape of survival curve for **Chlamydomonas** 067622
by ammonia in **Chlamydomonas.** 067771
water algae. [**Chlamydomonas globulosa**]. 067467
arg-2 mutant of **Chlamydomonas reinhardi.** 067440
of a mutant of **Chlamydomonas reinhardi** y-l 067770
mutants of **Chlamydomonas reinhardii** Dang 067455
cultures of **Chlamydomonas reinhardti:** prop- 067759
in **Chlamydomonas reinhardtii:** isolation & 067710

CHLAMYDOSPORES

hyphae & **chlamydospores** by **Cryptococcus** 067005
Chlamydospore formation in Fusarium in st- 069495
of **chlamydospores** by **Phytophthora** palmiv- 069490

CHLORAL

Chloral hydrate narcosis for sheep with sta- 065342

CHLORAMPHENICOL

influence of **chloramphenicol** on **chlorophyll** 067770

CHLORELLA

of glycerate into pyruvate by **Chlorella** [fus- 067726
into chloroplast RNA of **Chlorella.** 067777
on role of thiols in modification of **Chlorella** 067801
photosynthesis apparatus in cells of **Chlorel-a** 067843
S RNAs in unicellular green **alga Chlorella** 067449
Resistance of **Chlorella** to **monuron** a herbic- 070198
cultures of **Chlorella pyrenoidosa.** 067444
water decomposition in **Chlorella** & **spinach** 067445
of uracil uptake by **synchronous Chlorella.** 067761
some isoenzymes of **Chlorella vulgaris.** 067718
of various strains of **Chlorella vulgaris** Beijer 067803

CHLORIDES

by means of foliar analyses for **chlorides.** [F- 066157
Uptake of beta-**chloride** of (2-chloroethyl)tr- 068195
of corn preserved with **ammonium chloride** 064747
chloroethyl) trimethyl-**ammonium chloride** 068103
gravel roads with liquid **calcium chloride.** [066411
added ratio of salt (**calcium chloride**) on inc- 066454
submergence times in hot **calcium chloride** 063957
of treatment with **chlorocholine chloride** on 067590
Determination of **chloride content** of soil so- 071716
DMC](**diethylmorpholinium chloride**] & C- 068209
of tetracycline-HCL [**hydrogen chloride**] & 064256
Mercuric chloride resistance of Pyrenophora 069262
Inquiry research on **organic chloride** pestici- 063116
of sodium, potassium & **chlorides** in **rat.** 064256
trimethylammonium **chloride residues** in wh- 063036
Mercuric **chloride resistance** of Pyrenophora 069262
content in cotton leaves when **chloride salts** 067973
taste thresholds for **sodium chloride** among 063250
plus sodium buffers or **sodium chloride.** 064643
containing large amounts of **sodium chloride** 064660
Cytogenetic effect of **sodium chloride** on tis- 067406
Effect of **sodium chloride** on somatic embry- 068342
tetrakishydroxymethylphosphonium chloride] 063839
chloroethyl) **trimethylammonium chloride** r- 063036
chloroethyl) **trimethylammonium chloride** in 067979
chloroethyl)-**trimethylammonium chloride** & 068086
chloroethyl) **trimethylammonium chloride** on 068087
chloroethyl) **trimethylammonium chloride**] 068133
chloroethyl)**trimethylammonium chloride** by 068195
chloroethyl-**trimethylammonium chloride**] 068209
chloroethyl)**trimethylammonium chloride** on 068503

CHLORINATED

for occurrence of **chlorinated hydrocarbons.** 063135
concentration of a **chlorinated insecticide.** 070503
their classes. III. **Chlorinated insecticides.** 070672

CHLORINE

Distribution of **chlorine, bromine** & iodine in 071792
Ion exchange makes **chlorine-free** NPK che- 072171

CHLORMADINONE

cycle in cattle with **chlormadinone acetate.** 065210

CHLOROBIUM

derived from **Chlorobium thiosulfatophilum:** 067442

CHLOROCHOLINE

of treatment with **chlorocholine chloride** on 067590

CHLOROCOCCALES

New **Chlorococcales** from **settlingand** enric- 066605

CHLOROETHYL

Analysis of (**2-chloroethyl**) trimethylammon- 063036
Instruction for application of (**2-chloroethyl** 067979
Interactive effects of (**2-chloroethyl**)-trimet- 068086
Effect of (**2-chloroethyl**) trimethylammonium 068087
of cowpeas to salinity & (**2-chloroethyl**) tri- 068103
on growth inhibition by CCC [(**2-chloroethyl**) 068133
Uptake of beta-chloride of (**2-chloroethyl**)tr- 068195
Fate of 1,2-14C-(**2-Chloroethyl**)phosphonic 068366
Effect of (**2-chloroethyl**)trimethylammonium 068503

CHLOROFORM

Chloroform as an **anesthesia** in a closed sys- 065298

CHLOROGENIC

Continous diffusion of **chlorogenic acid** from 063757
changes in naringenin & **chlorogenic acid** in 068336
Studies on **chlorogenic acid** biosynthesis in 068455

CHLOROPHENYL

Degradation of 2-chloro-3-(**4-chlorophenyl**) 070000
DDE) & 1,1-di(**p-chlorophenyl**)-2-chloroethy- 070684

CHLOROPHYCEAE

A new Halimeda (**Chlorophyceae, Codiaceae** 066768

CHLOROPHYLL

state in photooxidation of **chlorophyll.** 067558
of different forms of **chlorophyll.** [Barley]. 068104
yield of **chlorophyll** a in **Anacystis** nidulans. 067448
properties of a **constituted chlorophyll** a-hol- 067752
Changes in **chlorophyll content** & chlorophy- 067950
Growth in relation to **chlorophyll content** of 068039
Relationship between **chlorophyll content** & 068261
of iodide: effect on **chlorophyll content** & p- 070225
algal & sedimentary **chlorophyll derivatives** 067474
amount of alkaloids & **chlorophyll** in **drug** p- 067712
A note on pigment **chlorophyll excreted** by 071093
on **chlorophyll fluorescence** yield & chloroph- 067770
as indicated by **chlorophyll fluorescence** & 068267
oxidation of **chlorophyll** a with **linoleic** acid 067674
explants of "aurea" **chlorophyll mutant** Nic- 066936
appearance of **chlorophyll mutations** in some 067171
in different types of **chlorophyll mutations** 067363
yield & **chlorophyll organisation** in greening 067770
Deep maxima of **photosynthetic chlorophyll** 067863
of fluorescence of **chlorophyll** in **pigment** m- 067455
A note on **pigment chlorophyll** excreted by 071093
Light induced **protochloropgyll--chlorophyll** 068104
chlorophyll content & **chlorophyll retention** 067950
algal & **sedimentary chlorophyll** derivatives 067474
triglycerides & **chlorophylls transformation.** 063474
of **chlorophylls** a & b when **warming** chlorop- 067868

CHLOROPHYTA

opuntia (L) (**Chlorophyta, Udoteaceae**). 067623

CHLOROPLASTS

On water regime of **chloroplasts.** 067579
of photosystem. II. [**Chloroplast**]. 067793
photosynthesis by **Acetabularia chloroplast** 067477
Pisum & of **chloroplasts** from an **Aurea** mut- 068132
Chloroplast development in etiolated peas: 068547
Fine structure of **chloroplast envelope** of a r- 067032
in **chloroplasts** as a **function** of electron acc- 068274
in **chloroplasts** as a **function** of electron acc- 068275
A method for extracting **intact chloroplast** 067439
during illumination of **intact chloroplasts.** [068277
Purity of **chloroplasts isolated** in non-aqueo- 067651
by photosystem I in **isolated chloroplasts.** 068276
of iron in leaves & **isolated chloroplasts** of 068328
Photosynthesis by **isolated chloroplasts:** so- 068411
reaction of **chloroplasts isolated** from leaves 069660
photophosphorylation in **isolated chloroplas-s** 068344
Chloroplast maintenance & partial different- 068445
mature **maize chloroplasts.** 068117
Biogenesis of **chloroplast membranes.** XII. i- 067770
on structure of **chloroplasts** & **metabolism** of 067985
Limitations in **chloroplast multiplication** in 067033
properties of **chloroplast particles** of scened- 067443
dehydrogenase from **pea chloroplasts.** 068319
phosphorylation in **pea chloroplasts.** 068334
electron donors in **chloroplasts photosystem** 068270
Chloroplast pigments in plants with C4-dica- 067750
of etioplasts & **chloroplasts** from **Pisum** & of 068132

metabolism in a **chloroplast preparation** fr- 067794
by Acetabularia **chloroplast preparations** c- 067477
on cytoplasmic & **chloroplast ribosomal** rib- 069476
Isolation of **chloroplasts** from **rice** leaves us- 068155
labelled precursors into **chloroplast RNA** of 067777
of cytoplasmic & **chloroplastic** 5S **RNAs** in 067449
fluorescence & **chloroplast shrinkage.** [Spin- 068267
in Chlorella & **spinach chloroplasts.** 067445
compared with **spinach chloroplasts** & whole 067477
of electron transport. [**Chloroplasts, spinach** 068264
of photosystem. II. in **spinach chloroplasts.** 068269
of photosynthesis. [**Spinach chloroplasts**]. 068271
enzyme system Y. [**Spinach chloroplasts**]. 068272
in isolated **spinach chloroplasts.** 068354
Chloroplasts structure & evolution of Eupho- 066928
potential change in **chloroplast suspension** 068330
organization of **chloroplast thylakoids** of gr- 066989
a & b when **warming chloroplasts** & action 067868
of two types of **chloroplasts** of **Zea** mays. [066992

CHLOROSIS
Chlorosis in **viticulture.** 069920

CHLORPHENAMIDINE
to galecrone (**Chlorphenamidine**). 070303
Bioassay of **chlorphenamidine** using **larvae** of 070597

CHLORTETRACYCLINE
Effect of **chlortetracycline feed** additive on 065443

CHLORTHIAMID
dichlorothiobenzamide (**chlorthiamid**) in pla- 069973
applications of **chlorthiamid & dichlobenil** on 070091

CHLOSYNE
Foodplant ecology of **butterfly Chlosyne** lac- 070954

CHOANEPHORACEAE
Taub. caused by **Choanephora cucurbitarum** 069379

CHOCOLATE
Art & craft of **chocolate** making. 063373
in raw cocoa stores & **chocolate factories.** 070570
Milling & refining of **chocolate liquor.** 063358
butter & in fats used in **chocolate products.** 063357

CHODATELLA
In defense of **Chodatella balatonica** Scherffel 066640

CHOLERA
Transplacental **hog cholera** infection in susc- 065387
ficocolloids to control calssic **hog cholera.** 065630
on associated vaccines against **hog cholera,** 065734
studies on a mixed infection of **hog cholera** 065735
TVM--1-vaccine against **hog cholera.** 065824

CHOLESTEROL
lipid composition & lecithin-**cholesterol-acyl** 064453
Cholesterol of **blood** serum in relation to le- 064532
layer chromatography: **cholesterol content** of 063241
in pullets fed a basal & **cholesterol-enriched** 063255
Differential effects of **cholesterol** in **mating** 067092
Assimilation of **cholesterol production** refuse 064902
Cholesterol turnover. [Rats, human nutrition 063231

CHOLINERGIC
"cholinergic link" in influence of exogenous 064251

CHOLINES
ethanolamine & **phosphatidyl choline** in spi- 068353

CHOLINESTERASES
A **cholinesterase** from **bean** roots & its inhib- 068324

CHONDRILLA
SEE COMPOSITAE

CHOPPING
Automated **field choppers,** savings through s- 071612
DLG testing of corn **field choppers.** 071641

CHORISTONEURA
instars in spruce **budworm, Choristoneura** f- 070530
aspen tortrix. [**Choristoneura conflictana,** P- 070560
of western larch. [**Choristoneura occidentalis** 070535
eastern Oregon, [**Choristoneura occidentalis,** 070563

CHORTOICETES
of a locust. [**Chortoicetes terminifera**]. 070901
of a locust. [**Chortoicetes terminifera**]. 070902

CHROMATIDS
dioxide] enhanced **chromatid aberrations** in 067314
measurements of Vicia **faba chromatids** with 067310

CHROMATIN
Chromatin elimination induced by B chrom- 067287
Chromatin of **primitive** erythroid cells from 064347
Lepidoptera) & derivation of **sex-chromatin.** 070798

CHROMATOGRAPHY
Affinity chromatography of porcine pancreat- 064366
mouse interferon by **affinity chromatography** 065584
Gas **chromatographic analysis** of products of 066406
in frying oils by **biquid chromatography.** 063342
Gas **chromatographic determination** of sugars 063326
of one **dimensional chromatograms:** inhibitor 068373
in citrus fruits by **gas chromatography.** 063117
Gas chromatographic determination of sugars 063326
A study of vinegar by **gas chromatography.** 063440
Aroma of canned beef: **gas chromatographic** 063618
Contribution of **gas chromatography** to ident- 063869
in citrus fruits by **gas chromatography.** 063950
Alcohol analysis by **gas chromatography.** III 064007
Gas chromatographic analysis of products of 066406
Gas chromatography of gases emanating fr- 071749
mosquito coil smoke by **gas chromatography** 070599
process by thin **layer chromatography:** chol- 063241
through thin **layer chromatography.** 063290
Thin-**layer chromatography** of beer phenolics 063314
anthocyanins by thin-**layer chromatography.** 067603
Thin **layer chromatography** of phenoxylkyla- 070703
products through thin **layer chromatography** 070743
for GLC [Gas **liquid chromatography**[dete- 063464
by means of gas-**liquid chromatography.** 063866
Gas-**liquid chromatography** of some natural 067492
of high-speed **liquid chromatography** of some 067636
Paper chromatography in laboratory diagno- 071416
Chromatographic & sedimentation character- 065576
hemoglobin. II. **Chromatographic study** of h- 064448

CHROMOGENIC
between amyloclastic & **chromogenic starch** 063962

CHROMONE
of seselirin: a new **chromone** from **roots** of 067493

CHROMOSOMES
L.: II. Induced **chromosomal aberrations** in 067275
on root-tip cells. [**Chromosome aberrations,** 067379
Acari: Ixodoidea). Ii. **Chromosomes** of **Argas** 070619
of autosome with X-**chromosome** in **cattle** (065143
Polymorphism of Y-**chromosomes** in **cattle** 065173
Mutation of **chromosomes caused** by organic 067347
Chromosomes of **chicken**-pheasant hybrids. 064941
Chromosomal chimeras of camellias "Fragr- 067074
Chromosome competition for same positions 067085
Chromosome complement of Zaprionus mult- 070913
Cytoplasmic-chromosomal interactions & al- 067288
DDT-induced **chromosomal damage** in mice. 070708
Non-divergence of **chromosomes** with **effect** 071059
W-**chromosome** of **Ephestia** kuehniella (Lep- 070798
organization of **chromosomes** of **higher** plan- 067383
activity of **homologous chromosome** loci in 071042
number of **chromosomes** in F2-F5 **hybrids.** 067163
of Vicia faba L.: II. **Induced chromosomal** a- 067275
of utilizing of **induced chromosome** mutatio- 067302
DDT-**induced chromosomal** damage in mice. 070708
Cytoplasmic-**chromosomal interactions** & al- 067288
Chromosomal interchange in mature oocytes 070968
Chromosomes of **Japanese** serow, Capricorn- 064446
activity of homologous **chromosome loci** in 071042
Effects of caffeine on **chromosomal loss** & n- 070865
induced by B **chromosome** of **maize.** I. Mec- 067287
Significance of **meiotic chromosome** pairing 067093
giemsa staining of **metaphase chromosomes** 066966
Structural **chromosome mutations** under pos- 067160
utilizing of induced **chromosome mutations** 067302
determinations of their **chromosome number** 067091
Chromosome numbers of African & Malaga- 066965
Significance of meiotic **chromosome pairing** 067093
DNA synthesis in **rye chromosomes.** 068014
of gaps in **chromosomes** when **sprouts** of yo- 067362
Structural chromosome mutations under pos- 067160
of homologous loci of **third chromosome** in 071040
activity, genome & **chromosome variation** in 067048

CHRYSANTHEMUMS
of un-chilled plants by **Chrysanthemum.** 068305
Mycosphaerella ligulicola. [**Chrysanthemum** 069493
A new pest of **Chrysanthemum.** [Diarthron- 070478
spider mites from **Chrysanthemum cultures.** 070473
development of **Chrysanthemum flowers** und- 069038
Response of **chrysanthemum Improved** Whi- 072039
distribution on **Chrysanthemum morifolium** 068246
base for culture of **Chrysanthemum** in **pots.** 069075

CHRYSOCHARIS
A study of **Chrysocharis nephereus** (Walker 071198

CHRYSOMELIDAE
pumpkin beetle (Coleoptera: **Chrysomelidae**) 071091
Lucas (Coleoptera: **Chrysomelidae**). 071093
leaf beetles (Coleoptera: **Chrysomelidae**). 071224
Coleoptera, **Chrysomelidae, Anisotominae**). 071342
Panz. (**Coleoptera, Chrysomelidae**) new to 071258
basalis (Baly) (**Coleoptera, Chrysomelidae**) 071307

CHRYSOPHYCEAE
mucophila n.sp. (**Chrysophyceae**) growing in 066604
algae. [**Chrysophyceae, Dinophyceae,** Cyano- 067601

CHRYSOPIDAE
mediterranea an new **European chrysopid** s- 071243

CHURNING
stabilizers on **churning & whipping** time of 063535

CICADAS
Singing bug of hampshire. New **Forest cicada.** 070810

CICADELLIDAE
cinctice Uhler (Homoptera: **Cicadellidae**) & 070402
Jac (**Auchenorrhyncha, Cicadellidae,** Typhlo- 071115
Empoascini (**Auchenorrhyncha, Cicadellidae**) 071116
world gyponinae (**Homoptera, Cicadellidae**). 071137
phyllody & abundance of its **cicadellid vector.** 069640

CICADELLOIDEA
II. Homopetera: Cicadinea: **Cicadelloidea.** 071127

CICER
hypogaea L.) & gram (**Cicer arietinum** L.). 068210
in yield of Bengal gram (**Cicer arietinum** L.) 068315
important varieties of gram **Cicer arietinum** 070451
growth & flowering in **Astragalus cicer** L. 067970

CIGARETTES
Preventing **cigarette ignition** of mattresses. 063194

CIGARS
Occurrence of **cigar-end** disease of banana in 069393
characters of Virginia, wrapper, **cigar-filler** 069213

CILIA
upon development of **ciliates** in **rumen.** [She- 064905

CINGULATA
fertility of **Dysdercus cingulatus** F. (Hetero- 070243
fungi. [Gloeosporium, **Glomerella cingulata**] 069292
fruits caused by **Glomerella cingulata** (Ston- 069310
pitfall for cherry pest. [**Rhagoletis cingulata** 070493

CIRCULATION
Turnover of **circulating capital** in state farms 062519
Studies on **circulation** of **carbon** & nitrogen 066863
Methods of stimulating **collateral circulation** 064271
Circulating concentrations of luteinizing ho- 064931
changes in **circulation** during **lactation** in go- 064379

CIRPHIS
Pseudaletia separata. **Cirphis loreyi**]. 070341

CIRRHOSIS
of process leading to **liver cirrhosis.** 065955

CIRSIUM
SEE COMPOSITAE

CITRIC
Effect of nitrite, erythorbate & **citric acid** on 063658

CITRULLINE
Effect of ornithine & **citrulline** on **utilization** 068157

CITRUS
Nucellar embryony in **citrus.** 067344
Studies on manganese deficiency in **citrus.** 069831
of fine insecticidal granules. [**Citrus**]. 070470
irrigation--practices & application. [**Citrus**]. 072361
problems in fruit trees. 1. [**Citrus, apples, g-** 068214
Problems of **breeding citrus** crops & means 067233
Meixco's **changing citrus** industry finds a n- 062663
Computerized citrus. [Yields, microdensito- 068916
Problems of breeding **citrus crops** & means 067233
Autumn planting of **citrus crops.** 069148
Wind measuring apparatus for **citrus culture** 068959
Epidemiological studies on **citrus dieback** c- 069889
by pathogenic RNA from **citrus exocortis** di- 069712
standards for pome fruits & **citrus fruits.** 063089
orthophenylphenol in **citrus fruits** by gas ch- 063117
physiology & storage of **citrus fruits.** III. In- 063970
degreening of banana & **citrus fruits** with 2- 063990
Photoelectric color sorting of **citrus fruits.** 064018
Types of mutants produced in **citrus fruits** by 067360
Citrus harvest results with air shaker conce- 068961
Dollar devaluation & **citrus industry.** 062492
Meixco's changing **citrus industry** finds a n- 062663
Citrus insect control for summer 1973. 070431
Citrus leaf pieces as traps for Phytophthora 069485
Rangpur **lime, Citrus** rangpuriensis sp. nov. 066779
orange & improvement of **citrus orchard.** 068981
Survey of outstanding **citrus orchards.** 4. 068920
Planning **citrus orchards** for tomorrow. [Cul- 069007
Survey of **outstanding citrus** orchards. 4. 068920
Interest of microclimates in **citrus planinc** 068946
Planning citrus orchards for tomorrow. [Cul- 069007
Ecology of a new insect pest of **citrus plant,** 070414
Parasitoid complex of **citrus psylla** Trioza e- 070842
Rangpur lime, **Citrus rangpuriensis** sp. nov. 066779
various compounds in resistant **citrus red** mi- 070421
as a growth retardant of **citrus seedlings.** 068363
of Shamouti orange (**Citrus sinensis**) seeds 068467
of differentiation in orange (**Citrus sinensis**) 068468
tissues & separation zones of **citrus treated** 068443
against cold damage to **citrus trees.** V. Heat- 069827

in Corsica in area of **citrus virology.** 069698

CIVILIZATION
Sterility caused by **industrial civilization.** [065087

CLADONIA
SEE CLADONIACEAE

CLADONIACEAE
Net photosynthesis of **Cladonia mitis** (Sand. 067560

CLADOSPORIUM
SEE DEMATIACEAE

CLASSIFICATION
soils together for purposes of **classification.** 071847
Effects of breed & **age classification** on live 065012
Nutritive value of **air-classified** rapeseed fra- 064657
Classification of an **assortment** of sainfoin 068202
status & problems of **bamboo classification.** 066624
Land-capability **classification, basis** for cons- 072336
Attempts at **biochemical classification** of Ye- 065892
Characteristics & **classification** of so-**called** 067296
Attempt for **classification & evaluation** of red 063040
Evolutionary classification of primary trees 066682
problems on **classification** of **labor** in agricul- 062364
New **classification** of **main** kinds of deterior- 063456
VI. Models for **classification** of **quantitative** 066859
County, San Pablo. II. **Soil classification.** 071890
Genesis & **classification** of some **soils** from 071892
Description & **classification** of **soils** of Phili- 071916
Taxonomy & **classification** of **subfamily** Lep- 071146
Identification & **classification** of **tobacco** mo- 069644
An approach to problem of **tree classification.** 066256
in nomenclature & **classification** of **viruses.** 069695

CLAUSENA
carbazole alkaloid from **Clausena indica** Oliv 067610

CLAVICEPS
SEE HYPOCREACEAE

CLAVIGERINAE
to study of **Clavigerinae** of **Africa** (Coleopte- 071321

CLAY
Quantitative mineralogical **analysis** of **clay** f- 071892
of phosphorus pentoxide by **different clays.** 071935
soil losses on Hagerstown **dilty clay** loam: e- 070148
Amino acids in **clay-humic** acid complex fo- 071794
Clay mineralogy. III. Comparative mineral- 071931
paste of **argillaceous minerals** & soils with a- 072195
acid soils & in aluminum-**saturated clays.** 071781
Characteristics of **clayey soils** associated wi- 071857
Experimental drainage in **clay soils** (Pertho- 072260

CLEANING
Basic principles of **clean air** programme of 072613
Improving **beet cleaners** for mobile storage 071668
Blanching cleans up. [Broccoli]. 063989
Modern methods of **cleaning & disinfection** 065277
of repair & **cleaning** of **drainage** network. 071557
Clean equipment in milk industry as import- 063204
New machines for **cleaning farm** irrigation c- 071558
in vertical exhaust canals of **grain cleaners.** 071676
with vibrating screens in **grain cleaning** ma- 071688
Keep clean water out of slurry tanks. [Man- 071974
Determining degree of **cleaning milk** utensils 063201
Pennsylvannia clean streams law applies to 072598
regarding effects of wheat **cleaning process** 063855
weed control in cereals. need for **clean seed** 070030

CLEARCUTTING
Clearcut! [Ocala National forest]. 066325
Clearcutting in **hardwoods.** 066393
Timber-**harvest clearcutting** & nutrients in 066391

CLEARINGS
Clearing ahead. [Watershed management]. 066121
Land clearing with chains: Considerations on 072307
A cost analysis of **clearing** a **ponderosa** pine 066307
Change in soil properties in **clearing strips** 071823

CLEAVAGE
Catabolic **ring-cleavage** of tyrosine in plant 067779

CLEISTOTHECIA
Cleistothecia of **Erysiphe** cichoracearum Dc. 069334

CLEMATIS
Making room for **clematis.** 068968

CLIMATE
in preparing **colored agroclimatic** maps by c- 062160
cultivated under **pedo-climatic condition** of 069163
under different **agroclimatic conditions** in G- 067272
type under nearly ideal **climatic conditions.** 068674
distribution in today's **consumer climate.** 062707
Climatic data for year 1970 of altitude met- 062161
Analysis of effect of **climatic factors** upon p- 067939
Effects of some **climatic factors** on durability 068355
Influence of some **climatic factors** on sporul- 069516
of unsuitable design on **bioclimatic factors** in 071478
Composition of **climatic forest** formations in 066838
Gardening in a **Mediterranean climate.** 1. [I- 069139
erosion by water in a **Mediterranean climate:** 072263
of nutrients in various soil-**climatic regions.** 067882
fir & grand fir & its **climatic requirements.** 068524

CLONE
On propagation of fruit crops by **clones.** 069065
in growth of four **clones** of **Agropyron** repens 067464
Clonal apple rootstocks: present position. 069091
willow species & **clones** in **laboratory** & field 069782
Clonal propagation of sarcanthine orchids by 068237
point of somatic mutations in **clonal seed** pl- 067181
Competition among **clones** of **sug**-seedlings 068550
years' growth & cropping on **twelve clones** at 068973
Clonal variation of resistance to gall midges 070542

CLOSTRIDIA
media & identification methods of **Clostridia** 063069
Media & identification methods for **Clostrid-a.** 063143
food poisoning. [**Clostridium botulinum**]. 063052
Clostridium oedematiens infection in cattle 065720
on growth of **Clostridium perfringens.** [Food 063125
Clostridium perfringens in relation to meat 063168
aureus & **Clostridium perfringens.** [Food poi- 063169
Toxin forming of **Clostridium perfringens** on 065762
Clostridium welchii type "D" enterotoxaem- 065492

CLOSURE
rabbit intestinal epithelium (**closure**) & tran- 064439

CLOTHING
wrinkle resistant finish for **apparel goods.** 063196

CLOUDS
Satellite television **cloud photography** as a 069308

CLOVER
Seed culture of alfalfa & **clover.** [Poland]. 068761
Stem nematode of **clover.** [Ditylenchus dips- 069846
as postinoculation sprays **against clover** phy- 069617
Ditylenchus dipsaci. [Red **clover, alfalfa**]. 069905
of insect & mite pests of **alfalfa, clover,** & g- 070410
Comparison of red clover & **alsike clover** in 068854
Red **clover culture.** [East Germany]. 068760
phosphorus levels. [**Egyptian clover**]. 068730
Cellulase in red **clover exudates.** 068124
in rumen of sheep fed on **grass, clover** or lu- 064841
of two sown species of **clover-grass** mixtures 068203
by manuring & addition of **clover & grass** m- 068872
Agronomic techniques for red **clover grown** 068763
multiflorus Lam. to red **clover necrotic** mosa- 069736
crop from a ryegrass--white **clover pasture.** 068208
sprays against **clover phyllody** & aster yell- 069617
of an insect vector for **clover-phyllody.** 069652
Effects of **red clover** (Trifolium pratense var 064727
Causal organism of leaf spot of **red clover.** 066908
anthracnose resistance in **red clover.** [Kabat- 067114
Breeding of **red clover** & outlook for its cul- 067305
decapitation of first right leaf of **red clover** 067388
of appearance of polyploids in **red clover** (T- 067390
Cellulase in **red clover** exudates. 068124
Red clover culture. [East Germany]. 068760
Red clover seed culture in Perm Region. 068762
Agronomic techniques for **red clover** grown 068763
one-stage harvesting of **red clover.** 068792
Reko **red clover**--results of plant breeding a- 068839
Comparison of **red clover** & alsike clover in 068854
anthracnose resistance in **red clover.** [Kabat- 069304
Prevention of anther mold in **red clover.** [B- 069445
Causal organism of leaf spot of **red clover.** 069578
Phaseolus multiflorus Lam. to **red clover** ne- 069736
ability to spread with seed of **red clover.** 069737
nematodes, Ditylenchus dipsaci. [**Red clover** 069905
Red clover seed yield in relation to phospho- 072120
number of mowings on crop of **red clover.** 068875
Reko red **clover--results** of plant breeding a- 068839
Red **clover seed** culture in Perm Region. 068762
Red **clover seed** yield in relation to phospho- 072120
oats, corn, subterranean **clover, soybeans**]. 069829
competition between **subterranean clover** & 067904
Wheat, oats, corn, **subterranean clover,** soy- 069829
Grass & **clover varieties.** 068778
pratense var. Redhead), **white clover** (Trifol- 064727
controlling varietal identity in **white clover** 067901
early growth & nodulation of **white clover.** 067902
in crop from a ryegrass--**white clover** pasture 068208
in Trifolium repens L. [**White clover**]. 068015

CLUSTER
Biology of Pollenia rudis, **cluster fly** (Dipte- 070789
Cluster-immersion shortcut to mastitis cont- 065543

COAGULATION
Research in **coagulation** without **potassium** 063532
Measurement of **rennet coagulation** of milk 063529

COAL
Fractionation of fulvic acids on **coal.** [Soil a- 071843
fern from deposits of Sariar **brown coalfield** 066630
of non-burnt heaps of **hard coal** mining. [Af- 066136
effluents, thermal soils & self-**heated coal** w- 065585

COALESCENCE
On problem of **coalescence** of **grape** grafts. 069145

COATING
Effect of **protective coatings** on moisture co- 063654
Technical progress in **coating** of **woodwork** 066464

COATS
Anatomy of **caryopsis coat** in mature caryos- 066940
Ice coat warms up pear trees. 069866
Coat protein & symptom specification in to- 069707
of endosper, embryo & **seed coat** in Amisch- 067607

COBALT
Variations of ryegrass **cobalt content.** Invest- 067900
Iodine, copper & **cobalt deficiencies** in feeds 063441
of radiobiological effect of **intensive cobalt** 068181
Cobalt in **orchard** soils of lowland Dagestan 071721
of complex formation of **cobalt** with **organic** 071934
Zea mays) with use of **cobalt** 60 gamma **ray** 067199
changes by **cobalt** 60 gamma-**rays** on dorma- 068349
in metal toxicities in a **cobalt-resistant** strain 069762

COBS
SEE CORNCOBS

COCCIDAE
sacchari (Ckll.) (Hemiptera: **Coccidae**). 070323

COCCIDIOSIS
level on intestinal & **cecal coccidiosis** in chi- 064663
Immunology of **coccidiosis** in **chicken.** 065437
Notes on enzootic, **chronic coccidiosis** in chi- 065727
pathogenesis & control of **coecum coccidiosis** 065565
raised on deep litter. [**Coccidiosis, control**] 065600
sulfachlopyrazine for **controlling coccidiosis** 065820
Pathogeny of **coccidiosis** in **Japanese** quails. 065404

COCCIDIOSTAT
Evaluating activity of **coccidiostats** on **chick** 065803

COCCINELLA
photoperiod on **Coccinella transversoguttata** 070826
Coccinella undecimpunctata Linn. as a pred- 070342

COCCINELLIDAE
transversoguttata (Coleoptera: **Coccinellidae** 070826
madecassus Chazeau (**Coccinellidae**) in Mad- 070851
from New Guinea (Coleoptera: **Coccinellidae**) 071112
as food for an **aphidiphagous coccinellid:** Ad- 070849
bipustulatus (**Coleoptera, coccinellidae**). 2. 071103
from Chili (**Coleoptera, Coccinellidae**). 071216

COCCOIDEA
prunastri (Fonsc.) (**Homoptera, Coccoidea,** 070496

COCCOLITHOPHORIDAE
Coccoliths, calcereous plankton since million 066751

COCHLIOBOLUS
biotic variables **affecting Cochliobolus** sativus 069280

COCKROACHES
in nerve-cord of **American cockroach,** Periplm- 070889
materials from **american cockroach.** [Periplm- 070915
of malathion resistance in **German cockroach.** 070577
for linkage group X of **German cockroach.** 070914

COCKS
in seminal plasma of **cocks** on **cellogel.** 064970
Washable pipette with **multiway cock** for ra- 063984
of LDH-X isozyme in **cock spermatozoa** in 064969

COCKSFOOT
SEE ORCHARDGRASS

COCOA
method for screening seedlings of **cocoa** (Th- 069560
Brazilian cocoa. [Trade]. 062637
of benzidine content in **cocoa butter** & in fa- 063357
Flight behaviour of **cocoa-capsids** (Hemipte- 070247
Nutritive value of **commercial cocoa** drinks. 063242
of antioxidant activity of **cocoa hull** extract 063465
Plodia interpunctella Hubner in **raw cocoa** s- 070570

COCONUTS
management practices for **coconut.** [India]. 062493
of Aceria guerreronis (Keifer). [**Coconuts**]. 070370
Pollen collection from **coconut flowers** by m- 067126
Aqueous processing of **fresh coconuts** for re- 063958
Pests & diseases of oil & **coconut palm:** Par- 070369
certain diseases of **coconut palms** in Puerto 069433
cadang-cadang disease of **coconut** from **tree** 069624

CODING
Drought **code component** of Canadian forest 066081
Salient features of **International Code** of Bo- 066631

CODLING
Trapping **codling moth** & apple fruit fly. 070275

biology, ecology & control of **codling moth** 070458
of second generation of **codling moth** in Pol- 070485
between geographical races of **codling moth** 070784

COECUM
SEE CECUM

COENONYMPHA
of living space of **Coenonympha oedippus** F. 071236

COENZYMES
Synthesis of **pCoumaroyl coenzyme** A with 067912

COFFEE
Quality of **coffee.** 063173
of their chromosome number. [**Coffee**]. 067091
tissue cultures of Coffea arabica. [**Coffee**]. 067776
Holder sprayer. [**Coffee**]. 071601
be a new international **coffee agreement?** 062995
Flower bud dormancy in **Coffea arabica** L. I 067669
in fruits & tissue cultures of **Coffea arabica.** 067776
leaf tissue of coffee plants (**Coffea arabica** L 067826
Coffee & cacao. [Culture]. 069212
Coffee count in Caribbean. [Census, Domini- 062796
Financing coffee growing. [Brazil]. 062562
Economic Community & **Indian coffee.** 062682
Will there be a new **international coffee** agr- 062995
Coffee leaf rust in Brazil. [Hemileia vastatr- 069322
grass mulch in a **mature coffee** plantation. 070191
Drying of **parchment coffee.** 063402
"Green-bug" on Shevaroys. [**Coffee, pest** co- 070253
III. Part one. Entomology. [**Coffee, pest** co- 070261
grass mulch in a mature **coffee plantation.** 070191
by excised leaf tissue of **coffee plants** (Coffea 067826
Economics of **coffee production** in typical en- 062500
Work in progress in **coffee research.** III. 3. 067677
Part two radioisotopes & **coffee research** in 069210
Work in progress in **coffee research.** Series 070261
Coffee rust. [Hemileia vastatrix, Hemileia c- 069542
on different aspects related with **coffee rust** 069543
to study of in vitro cultivation of **coffee tree** 067472

COHESION
a Spanish pueblo on **community cohesion.** 062217

COLA
matter composition of **Kola Peninsula** peat- 071880

COLCHICINE
Pink" produced by **colchicine treatment.** 067074
induction with **colchicine treatment** after de- 067388

COLCHICUM
study of population of **Colchicum alpinum** 066658

COLD
Studies on protection **against cold** damage to 069827
Cold air vegetation in Waagtal (Schwyz). 066911
Automatic controls for **cold air** hay drying. 071662
permanent pastures in snowy & **cold areas** of 066847
Some problems on **breeding cold**-resistant li- 067318
II. Glucose in blood under **cold condition.** 064568
Technique of "mechanical **cold-cryogenic** co- 063941
Studies on protection against **cold damage** to 069827
of fresh air into **experimental cold** storage r- 063936
Payk. I. Survival rates & **cold-hardiness.** 070985
Influence of **longer cold** storage (+4 degrees 063185
Role of **cold** in **meat** marketing. 063653
Technique of "**mechanical cold**-cryogenic co- 063941
of Vibrio parahaemolyticus to **cold** in **oysters,** 063121
A case study: Syneresis of **Cold-Pack** Cheese 063525
impedance of tissue of grasses **receiving cold** 067928
on varietal differences in **cold resistance** of 068234
Some problems on breeding **cold-resistant** li- 067318
Box loafing stall as **cold stall.** 071431
Influence of longer **cold storage** (+4 degrees 063185
Cold storage rooms for butchery. 063587
Influence of longer **cold storage** (+4 degrees 063656
of fresh air into experimental **cold storage** r- 063936
How to handle apples in **cold storage.** 063947
retain high viability 3 years in **cold storage.** 067861
Carbohydrate changes during **cold storage** of 068323
to increase survival & quality of **cold-stored** 063934
Hot & **cold therapy** can help joint injuries. 065251
Cold tolerance & winter hardiness in Lolium 068049
Effect of **cold treatment** of meat on nicotin- 063635
of chicken fat during **cold treatment** & stor- 063683
tissue of grasses receiving **cold treatments.** 067928

COLEOPHORA
parasites of **Coleophora laricella** Hbn., in n- 070564

COLEOPHORIDAE
to study of **family Coleophoridae.** VIII. (Le- 071187

COLEOPTERA
oryzae Linn. (Curculionidae: **Coleoptera**). 070338
pine weevil (Pissodes strobi) (**Coleoptera:** C- 070529
of Oryzaephilus surinamensis (**Coleoptera:** 070571
improved trap to detect beetles (**Coleoptera** 070572
beetle, Cryptolestes ferrugineus (**Coleoptera:** 070573
on two Trogoderma species (**Coleoptera:** De- 070574
weevil, (sitophilus granarius (**Coleoptera:** C- 070781
on two Trogoderma species (**Coleoptera:** De- 070788
white grubs, Phyllophaga spp. (**Coleoptera:** 070794
on Coccinella transversoguttata (**Coleoptera:** 070826
Odoiporus longicollis Oliv. (**Coleoptera:** Cur- 070879
in some species of Scarabaeidae (**Coleoptera** 070976
Sternochetus frigidus Fabricius (**Coleoptera:** 070993
in larvae of Dytiscidae (**Coleoptera**). 070999
weevil, Sitophilus granarius L. (**Coleoptera,** 071002
of Agriotes obscurus Linneaus (**Coleoptera:** 071033
Lucas, red pumpkin beetle (**Coleoptera:** Chr- 071091
Odoiporus longicollis (Olivier) (**Coleoptera:** 071092
by Aulacophora foveicollis Lucas (**Coleoptera:** 071093
of Mylabris pustulata Thunb. (**Coleoptera:** 071097
Li from New Guinea (**Coleoptera:** Coccinelli- 071112
on tenebrionids of Afghanistan (**Coleoptera**) 071183
bark beetles (Scolytidae: **Coleoptera**). II. 071192
for Philonthus laetulus Say (**Coleoptera:** St- 071221
Chrysomeline leaf beetles (**Coleoptera:** Chry- 071224
of study group from Munich on **Coleoptera.** 071240
species that shoud be separated (**Coleoptera** 071250
Elateridae (**Coleoptera**) from Canadian Nep- 071294
to knowledge of Staphylinidae (**Coleoptera**). 071324
Malagasy species of **Coleoptera Bruchidae** of 071323
biguttalus F. (**Coleoptera, Buprestidae**) at 071174
nigrita f. (**Coleoptera, Carabidae**). 070853
dahli Duftschmid (**Coleoptera, Carabidae**) b- 071191
menetriesi Humm. (**Coleoptera, Carabidae**). 071238
coeruleus Steven. (**Coleoptera, Carabidae**). 071249
Scaritinae of Africa (**Coleoptera Carabidae**). 071327
Park of Itatiaia (**Coleoptera, Cerambycidae**) 071143
Central Africa (**Coleoptera Cerambycidae**). 071329
longicorns (**Coleoptera, Cerambycidae,** Lami- 071315
ferus Muls. (**Coleoptera, Cerambyidae**). 071212
Panz. (**Coleoptera, Chrysomelidae**) new to 071258
basalis (Baly) (**Coleoptera, Chrysomelidae**) 071307
Madagascar (**Coleoptera, Chrysomelidae,** An- 071342
Suffr. (**Coleoptera, Chrysomidae**). 071231
notata Schn. (**Coleoptera Coccinellidae**). 070849
bipustulatus (**Coleoptera, coccinellidae**). 2. 071103
from Chili (**Coleoptera, Coccinellidae**). 071216
Pissodes notatu s (**Coleoptera, Curculionidae**) 070558
of Sitona species (**Coleoptera, Curculionidae** 070767
Phyllobius piri L. **Coleoptera, Curculionidae** 070834
Pissodes notatu s (**Coleoptera, Curculionidae**) 071051
notatus (F.) (**Coleoptera Curculionidae**) in 071053
virens Herbst (**Coleoptera, Curculionidae**). 071076
Cholus [mimus] (**Coleoptera, Curculionidae,** 071129
sp.n. & its larvae (**Coleoptera, Dryopidae**). 071123
Agriotes lineatus (L.) (**Coleoptera Elateridae**) 070837
tribus n. (**Coleoptera, Elateridae**). 071370
Changes in **coleopterous fauna** associated wi- 070980
coastal dunes. [**Coleoptera, Hymenoptera,** D- 070998
genus Anomala Sam. (**Coleoptera, Insecta**) 071353
of Central Europe (**Coleoptera, Nitidulidae**) 071237
on distribution of **Coleoptera** in **Norway.** 071277
Acanthonycha (**Coleoptera, Phytophaga,** Alt- 071341
of Africa (**Coleoptera Pselaphidae**). 6. Descr- 071321
Mecinonota Kraatz (**Coleoptera, Scarabaeid-e**) 071217
G. Frey Museum (**Coleoptera, Scarabaeidae**) 071218
Trochaloschema (**Coleoptera, Scarabaeidae**) 071363
lineatum (Oliv.) (**Coleoptera, Scolytidae**) in 070860
Scolytidae, Coleoptera from Chile, 264. Stu- 071211
Serrastus Nunberg (**Coleoptera Scolytidae**) 071326
bipunctata F. (**Coleoptera, Serropalpidae**) n- 071281
Phosphuga atrata L. (**Coleoptera, Silphidae**) 071052
staphylinids (**Coleoptera, Staphylinidae**). [S- 071102
Hypostenus Rey (**Coleoptera, Staphylinidae** 071170
Zyras Stephens (**Coleoptera Staphylinidae**) 071330
African species of **Coleoptera Tenebrionidae** 071322

COLEOPTILES
of indoleacetic acid through **coleoptiles.** [Co- 068107
response of **decapitated coleoptiles.** [Oats, c- 068088
Inheritance of **coleoptile length** & culm leng- 067105

COLIAS
A revision of **Colias alexandra** complex (Pie- 071205
of reproduction in alfalfa **caterpiller Colias** 071012

COLIBACILLOSIS
in newborn calves. [**Colibacillosis**]. 065829
of polymyxine-M in **colibacillosis** of **calves** 065546
from pigs with **colibacillosis** in **Canada** & U- 065448

COLIENTERITIS
On prophylaxis of **colienteritis** in **newborn** 065829

COLLAGEN
components of intact **bovine collagen** fibres 064313

COLLATERAL
Methods of stimulating **collateral circulation** 064271
Saccharum munja Roxb. as **collateral hosts** 069381

COLLECTIONS
Additional collections of Tuberculina maxima 069281
economic traits of varietal **alfalfa collection** 068858
Automatic device for **blood collection** in an- 065270
Collection of **butterflies** made by jack dennis 071203
A **collection** of **ferns** from eastern Nepal. [P- 066662
Discovery of bot **fly collection** of Bracy Cla- 070904
of Hippopae rhamnoides. [**Fruit collection**]. 066361
Chalcididae) in **collections** of **Indian** Agricul- 071286
drawer for scientific **insect collections.** 070830
albo-atrum R. et B. of a **lucerne collection** of 069232
Collection of **lymph** from sheep by cannulat- 065544
Bruchidae of **collections** of **Museum** of Natu- 071323
Diptera). II. Canadian **National Collection** 071356
Report on a **collection** of **Opiliones** from Po- 071252
structure of a **phytosociological collection.** 066858
Evaluation of **plant collections.** [Genetic res- 067326
Pollen collection from coconut flowers by m- 067126
Poplar collections of Research Institute for 066336
A **collection** of **Psocidae** (Psocoptera) from 071136
as determined by **collection** of **pupal** exuviae 070768
Revision of **collection** of G. Flor. II. Homo- 071127
Studies on **semen collection** by masturbation 065182
Collection techniques for GLC [Gas liquid c- 063464
of two methods for **collection** of **tobacco** he- 063713
analysis applied in **variety collection** on ove- 067061
within sweet sorghum **variety collection.** 067062
properties of soft wheat of **world collection.** 063739
Spring barley **world collection;** statistical a- 066917
Studies on wheat **world collection** for select- 067063
World collection of vegetable & cucurbit cr- 067243
Utilizing **world collection** of plants in breed- 067265

COLLECTIVES
for legislation to **advance collective** farmer 062877
of animal industry on **collective farm.** 062457
Material incentives in **collective farm** produ- 062521
culture on Komsomolets **Collective Farm,** K- 062529
of using basic capital for **collective farm** ca- 062596
sloped land on Red October **Collective Farm,** 072275
Agricultural finances, **collective farming**]. 062579
agricultural production on **collective farms.** 062249
of productive capital on **collective farms.** 062367
productivity & wages on **collective farms.** 062371
of labor productivity on **collective farms.** 062372
of labor resources on **collective farms.** 062374
its improvement. [**collective farms**]. 062377
of feed production on **collective farms** specia- 062449
processing enterprises on **collective farms** of 062460
of tobacco production on **collective farms.** 062516
vegetable culture on **collective farms** of Astr- 062526
are primary concern of **collective farms.** [Co- 062575
Collective mechanised farming in U.S.S.R. 062359
of grain crops on **progressive collective** & st- 072129

COLLECTORS
clearing strips with stump **puller-collector.** 071823

COLLEMBOLA
system in **Collembola** with **chewing** mouth 071105
of breeding of **Collembola** for **laboratory** pu- 070996

COLLETOTRICHUM
orange. [Alternaria **citri, Colletotrichum** glo- 069362
for inoculum of **Colletotrichum fragariae.** [S- 069483
Colletotrichum lindemuthianum]. 069492
secreted by **Colletotrichum lindemuthianum** 069500

COLLIE
Louping-ill in a **working collie.** [Dogs]. 065710

COLLOIDS
through hydration properties of **colloids.** 071796
of colloidal phase of milk: **Organic colloids** 063572
of pesticides in soils & in **soil colloid** syste- 070679
Colloidal sulphur in control of oak mildew. 069447

COLOCASIA
Viruses of **Colocasia esculenta** & Xanthoso- 069696

COLONIES
Sporulation & **colony characteristics** in twel- 069293
immunofluorescence of alchol-**fixed colonies** 065449
Two heterospecific **colonies found** in Japane- 070987
of queen behaviour in a **colony** of **honeybees** 071371

COLONIZATION
Microfungi **colonizing collapsed** aerial parts 069439
microbial activity. 2. **Microbial colonization** 071959
Microfungi colonizing submerged standing c- 069440
Colonisation of **Phragmites** communis leaves 069438
Selection & **colonization** of **ponderosa** pine 070552
Competitive **saprophytic colonization** by Fu- 069254

COLOR
potato wart fungus resting sporangia in **color.** 069250
States by using large-scale **color aerial** phot- 066158
in preparing **colored agroclimatic** maps by c- 062160
for use in butter coloring as **color basis** of a- 063044
Problems presented by **coloring** of **butter.** 063114
studies on cornea of **Cataglyphis bicolor** (Fo- 071015
Diversity in form & **colour** in some **Central** 070755
of total amount of **color** & **content** of bixin 063044
Pupal **color dimorphism** & its environmental 070969
Effect of **eye colour** pigments on action spec- 070930
by bees for different **flower colours** in cowp- 068321
Color of **foods.** 063452
colorimeter to evaluate external **fruit color** 069052
Genetic study of **green coloring** in larvae & 071008

Genetics of fore & **hindwing colour** in crosses 070955
Tachysphex **unicolor, Holotachysphex** mochii 071303
Role of **integumental colour** pattern in locust 070763
Flavonoids of **Lespedeza bicolor.** 067515
Coloring matters of food. 063453
On choosing a **color** for **medium** of egg layi- 071058
Role of integumental **colour pattern** in locust 070763
Photoelectric color sorting of citrus fruits. 064018
Effect of eye **colour pigments** on action spec- 070930
Llanos Occidentales. [**Polyporus versicolor**] 069544
Recent developments in **preparing colored** a- 062160
Pupal color dimorphism & its environmental 070969
in United States by using large-**scale color** 066158
Photoelectric **color sorting** of citrus fruits. 064018
flavonoid co-pigments on **color** of **statice** fl- 068244
Effect of metal ions on **color** of **strawberry** 063952
Tachysphex nitidus, **Tachysphex unicolor,** 071303
erythorbate & citric acid on **color, taste** & p- 063658
Use of **color traps** for determination of inse- 070273
plant substances & **warning colouration** in i- 071029

COLORIMETRIC

automated dialysis & **colorimetry** to **assay** of 067929
Colorimetric determination of arsenic residu- 063193
copper-**dithiocarbamate colorimetric** method 063349
determination by **extractive-colorimetric** me- 071895
Colorimetry of **polyphenols** (tannins) with f- 063315
New **portable colorimeter** to evaluate exter- 069052

COLOSTRUM

Experimental infection of **colostrum-deprived,** 065899
Influence of **colostrum** on **incidence** of calf 065722
Colostrum yoghurt for calf feeding. 064784

COLZA

methyl bromide. [Lard, sunflower **oil, colza** 063410

COMANDRA

Pinus mugo, a new host for **comandra blister** 069512

COMBINES

advance of planer of **combine** in **case** of har- 071684
in case of harvesting with **cereal combines.** 071704
elita," a two-drum grain **harvesting combine** 071681
crop plants near a **mettallurgical combine.** 069912
Teach **combine operation** in field. 071512
wheat for increasing grain **quality combines** 067214

COMBRETACEAE

Patterns of distribution in **Combretaceae.** 066704

COMBUSTION

V. Heating effect of **combustion method** usi- 069827

COMMELINACEAE

A new leaf-spot disease of **Commelina.** [Dre- 069307
antitranspirants. [**Commelina communis**]. 067727

COMMERCE

Is **agricultural commerce** proceeding well? 062741
blood sausages in **commerce** of **Bremen** (to- 063040
of breeding operations in **commercial cattle** 065166
for autosexing in **commercial chicken.** 065061
Nutritive value of **commercial cocoa** drinks. 063242
Commercial crops in California. [Census]. 062813
Results of **commercial crossing** of cattle in 065089
controlling dust in **commercial elevators,** 19 062587
Consumer & **commerce** as **factors** of market- 062723
Corrosive effects of **commercial fertilizers** & 072148
views on problem of **commercial fertilizers** 072197
Commercial fertilizers & environmental pre- 072603
views on problem of **commercial fertilizers** 072605
for transport & **commercialization** of **fruits** 063912
mite pests for **commercial greenhouse** opera- 070518
for Washington state: **commercially grown** s- 069919
blueberries for **commercial & home** producti- 069056
Irrigation & **incipient commercialization** in 068883
Analysis of **commercial mosquito** coil smoke 070599
of pest control in **commercial orchards.** 070481
Pest control in **commercial pickling** cucumb- 069745
of rickets in chicks in a **commercial poultry** 065929
Is agricultural **commerce proceeding** well? 062741
1972 **Commercial & public** soybean variety 068608
Semi-**commercial pulping** trial of abaca. 063415
for breeding high-**quality commercial** raspbe- 067254
Semi-commercial pulping trial of abaca. 063415
Economics of **commercial vegetable** culture 062526
mite pests of **commercial vegetables** coopera- 070516
Pest control in **commercial vine** crop produc- 069746

COMMINUTION

tissue in finely & **coarsely comminuted** "Te- 063581
Plate fixation of **comminuted femoral** shaft 065221

COMMODITIES

allotments, wheat **certificates, Commodity** C- 063013
Committee on **Commodity Problems,** forty-e- 063340
Committee on **Commodity Problems,** forty-e- 063727
Commodity sales across national frontiers: a 062791

COMMUNES

work method of **communal agricultural** servi- 062204
of professional training of **communal animal** 064187
Preliminary report on **communal resting** of 070952
cycle in **Schizophyllum commune.** 067634

COMMUNICATION

sp. isolated from goats. 1. **Communication.** 065705
Second **preliminary communication** on a mo- 071299
durum wheat: **Communication presented** at 063819
Support communication in rural development 062166

COMMUNISM

of 24th congress of **Communist Party** of Sov- 063018

COMMUNITIES

in two saltbush (Atriplex spp.) **communities** 071809
Economi c **Community** on **agrarian** market 062677
functional changes in **aquatic communities** w- 066825
survey of three **communities** in **Centraland** 071521
a Spanish pueblo on **community cohesion.** 062217
nutrition of two sand **dune communities** at 072113
Britain into European **Economic Community** 062199
into EEC [European **Economic Community**] 062237
to th EEC [European **Economic Community** 062238
European **Economic Community.** [Trade]. 062634
EEC[European **Economic Community**] agric- 062635
European **Economic Community** & Indian c- 062682
policy in European **Economic Community.** 062837
policy of European **Economic Community.** 062838
E.E.C. [European **Economic Community**]. 062856
enlarged European **Economic Community.** 062859
to play. [European **Economic Community**]. 062873
policy of European **Economic Community.** 062983
Agriculture, European **Economic Community**] 062984
Brussels. [European **Economic Community**] 062988
industry of European **Economic Community** 063023
EEC [European **Economic Community**]--wh- 063083
in enlarged **European Community.** 062667
strong ties with EC [**European Community**] 062671
Youth--**family--community.** 062189
analysis of complex rain-**forest communities.** 066859
a tool in guiding **community growth.** 062272
dwarf shrub & **herbaceous communities** in fo- 066840
of benthic **macrophyte communities** on rocky 066885
studies in **mountain communities** at Hardan- 070983
Late glacial plants & **plant communities** in 066621
of spatial pattern in **plant communities.** 066855
occurring in common **plant communities** of 066870
lunch in High Point: a **community's pride.** 063235
Rural community & rural family in 1985. 062188
Weed community in fallow rice field & its s- 070109

COMPACTION

Effect of different degrees of **soil compacting** 068827

COMPENSATION

plane of nutrition & **compensatory growth.** 2 064712
Workmen's **Compensation Insurance** Group 066186

COMPLEXONOMETRIC

Complexonometric determination of calcium 064099

COMPOSITAE

of Cichorieae tribe (**Compositae**). 066686
control of skeleton weed. [**Chondrilla**]. 070193
Origin of **Taraxacum agamospecies.** 066634
of certain perennial weeds. [**Cirsium arvense** 070037
selections to herbicides. [**Sonchus arvensis**] 070110
new guaianolides in **Helenium autumnale** L. 067672
temperatures in soakes **Crepis capillaris** see- 067160
sprouts of young & old **Crepis capillaris** see- 067362
on tissue culture of **Crepis capillaris.** 067406
of obtaining seeds of **Senecio cruentus.** 067382
stomatal behaviour of **debudded Xanthium** p- 067655
in some plants of **family Compositae.** 067512
Systematic revision of **genus Sonchus** L. s.1. 066645
BUdR) on gamma-**irradiated Crepis** capillar- 067162
derivatives from **Senecio nemorensis,** subsp. 067544
of population of **Senecio platyphylloides** S- 067007
observations of **Taraxacum species** from sect- 067058
Alkaloids of **Senecio vernalis** W. K. 067823
Control of **Compositae weed** species in tran- 070056

COMPOST

in mixes & **composts** with **ammonia** water. 072189
Compost making at a **dairy** farm. 072049
i--field-scale **compost demonstrations.** 072014
of ripening in case of **composting** of **fly** ash 072186
woody ornamentals in **municipal compost** & 068227
parameters for **optimum composting.** 072016
Preparation of **compost** from **sawdust** & chi- 066452
Production of **composts** from **soft** wood lum- 072015

COMPOUNDS

on salad treated with two **compounds.** [Lett- 070700
new group of biologically **active compounds.** 070251
of certain antiprotozoal **compounds against** 065388
Resin base **compound agglomerates** of latex 066524
Action of certain **antiprotozoal compounds** 065388
A clinical study of **compound Astra** 2045 in 065951
Changes in margarine & **bakery compound** 063458
Carbonyl compounds of chicken fat during c- 063683
in margarine & bakery **compound caused** by 063458
facsiolicidal activity of **chemical compounds.** 065532
of nitrogen-**containing compounds** during in- 064333
aromatic sulfur **containing compound.** 070806
Compounds contributing to heat-induced bit- 063961
c incorporation from **exogenous compounds** 068262
administration of NPN **compounds fed** in pl- 064633
identification of volatile **flavor compounds** in 063620
method of determining **fluorine compounds** 069913
effectiveness of some **compound forages** in i- 064912
of superphosphate & **compound granulated** f- 072036
of aldrin, dieldrin & **heptachlor compounds** 070352
polysaccharide & other **insoluble compounds** 067667
application of new organic **iron compounds** 066013
of wood with **isocyanate compound.** 066492
IV. Examinations on some **model compounds.** 066491
of lignin tar & lignin **model compounds.** 066517
soil organic materials & **model compounds.** I 070231
soil organic materials & **model compounds.** 070232
paraquat by humic acid & **model compounds** 070720
soil organic materials & **model compounds.** I 071956
soil organic materials & **model compounds.** 071957
in presence of high-**molecular compounds.** [067576
Examination of **nitrogen compounds** in butt- 063487
inorganic **nitrogen compounds** on growth. 067640
water level on **nitrogenous compounds** of to- 067946
a sudden administration of **NPN compounds** 064633
mixtures of these **compounds** used as **NPN** 064637
with **organomercuric compounds** in controlli- 069386
action of **organophosphorus compounds** & v- 070421
Levels of DDT & **PCB compounds** in North 070683
study of role played by **phenolic compounds** 067413
from certain **phosphorus compounds** in pigs 064589
of 32P-labelled **phosphorus compounds** in pi- 064590
Polyacetylenic compounds. 215. New consti- 067486
Polyphenolic compounds of Geranium collin- 068304
Polysaccharide compounds of secretory ele- 064540
composition of **compounds produced** by pea 070807
pattern of **radioactive compounds** & on scle- 067665
of tocopherol-like **compounds** in **rapeseeds.** 063788
Effect of "thoid" & **related compounds** on f- 067681
of benomyl & some **related compounds** on L- 070718
acid, an ethylene-**releasing compound.** 067767
Teratogenic compounds of Veratrum californ- 066044
Thiol compounds & resistance of Pyrenopho- 069263
Selection of **compounds** for **treatment** of ra- 068043
compounds & **various compounds** in resistant 070421
Study of **volatile compounds** in Viet Nam bl- 063417

COMPRESSION

materials. II. **Adsorption compression** on so- 063293
Compression debarking of wood chips. 066554
for determination of **compression stability** of 071905
soil parameters in **compression test.** 071735
Compressive wafering of leguminous hay. II. 071683
Mechanics of **compression wood** response. II 068580

COMPUTERS

colored agroclimatic maps by **computer.** 062160
Computer aided road location. [Forests]. 066415
results by means of an **analogue computer.** 071567
group of genus Euxoa, a **computer analysis** 071157
Computer applications: off-line order entry. 062694
Computerized checkout--& update. [Retail 062692
Computerized citrus. [Yields, microdensito- 068916
Computers in **cornfield.** [Growth factors]. 068083
Electronic computer in foreign forestry. 066252
Result of an extensive **computer evaluation.** 063718
Information-computer system of agrochemic- 062390
diagnosis with use of a **learning computer.** 071831
FREPAS). [Range **management, computer** p- 066303
plate cultures with help of **computer picture** 063500
grain varieties for **computer processing.** 067132
A **computer program** for processing historic 066145
Computer simulation of snowmelt within a 072466

CONCENTRATES

ruminants fed high-**concentrate diets.** [Cattle 064740
young bulls with **feed concentrates.** 064766
Feed concentrates in Austrian animal husba- 064782
of coarse fodder & **concentrates** to **large** live- 064676
supply of **concentrates** for **production** of dru- 065571
of wheat-shorts with **protein concentrates.** 063229
Biologic adequacy of fish **protein concentrate** 063265
Testing Norsamin fish **protein concentrate** as 064764
physical form of all-**concentrate rations** on 064662
of particle size of **concentrate** on **rumen** con- 064661
of protein-mineral-**vitamin concentrates** in li- 064789

CONCENTRATION

On variability of fatty **acid concentrations** in 068178
viscoses. 1. Influence of **alkali concentration** 066520
K[potassium], **concentrations** in **apple** foliage 070423
Quick determination of **brine concentrations** 063600
A note on effects of **changing concentration** 064621
of a low **concentration** of a **chlorinated** inse- 070503
Circulating concentrations of luteinizing ho- 064931
in pigs. III. **Concentration** & **composition** of 064345
nitrate-N **concentration** of three **cool**-season 067884
hydrogen-ion **concentration dependence** of s- 064563
Influence of **concentration** of **dietary** energy 064739
turfgrass species to **different concentrations** 067933
VI. Effects of carbon **dioxide concentrations** 063969

Effect of low sulphur **dioxide concentrations** 066155
Effects of carbon **dioxide concentration** on 067444
carbon **dioxide concentration** with different 067982
Concentration, distribution & elimination of 065850
to temperature, **ethylene concentration,** & f- 063877
soil after their **concentration** by **extraction** 071804
during day in **concentrations** of **free** amino 064623
Effects of **gas concentrations** on fruits. VI. 063969
activity & **concentration** of **glycogen** in emb- 064507
Effectiveness of **increased concentrations** of 070468
concentrations of **insecticides** & miticides. 070300
Plasma **insulin concentrations** in parturient 064429
Role of pH[hydrogen-**ion concentration**] in 063299
upon pH [hydrogen-**ion concentration**] in c- 063400
sprat stuffing. [hydrogen-**ion concentration**] 063430
of pH [hydrogen-**ion concentration**] & fiber 063622
at pH [hydrogen-**ion concentration**]8.0. 064420
Different hydrogen-**ion concentration** depen- 064563
II. role of pH [hydrogen-**ion concentration**] 067639
Effect of pH [hydrogen-**ion concentration**], 068244
nitrogen & pH [hydrogen-**ion concentration**] 068369
Effects of hydrogen-**ion concentration** of cul- 068399
dioxide & pH [hydrogen-**ion concentration**] 068435
between pH [hydrogen-**ion concentration**] of 071798
PH [hydrogen-**ion concentration**] Chilean v- 071909
sugar beet. [Soil hydrogen-**ion concentration** 071998
amount of hydrogen-**ion concentration.** 072133
method for specific **concentration, isolation** 071906
growth & leaf **nitrogen concentration** in Na- 067936
Variation in leaf-**nitrogen concentration** in 067937
pine sawfly, & foliar **nitrogen concentrations** 070533
Concentration of **nucleic** acids in organs of 065831
of high & low **oxygen concentration.** [Pinus 066503
III. Influence of low **oxygen concentration** 067943
monosodium **phosphate concentration** on sy- 063809
of weight gains & **concentration** of **plasma** c- 064638
Wet **concentration process** for extraction & 063706
Protein concentration & sources for finishing 064740
Influence of various **protein concentrations** 064755
Influence of alkali **concentration, reaction** t- 066520
relationship to **selenium concentrations** in p- 064346
Concentration & **specialization** in vegetable 062348
supply by **concentration** & **specialization** of 066290
Concentration, specialization & cooperation 069015
A method for **specific concentration,** isolati- 071906
coefficient on **concentration** of non-**sugars.** 063766
Influence of **tocopherol concentration** in so- 063475
Concentration of **unsaponifiable** matter in oi- 064090
Concentration of **vegetable**-growing areas as 062266
V. distribution of **volume concentration** & p- 068073
Wet concentration process for extraction & 063706
Zinc concentration in rat hair in zinc defici- 066010

CONDENSATES

on effect of tobacco **smoke condensate** on se- 067563

CONDENSED

effectiveness of **condensed phosphates** from 072210

CONDITIONING

Guide & data for greenhouse **air conditioning.** 071468
of hippocampus on **conditioned alimentary** r- 064248
Conditioning dairy cows to eat tainted grass 064673
temperatures as **factors conditioning** occurr- 069732
mellifera L.) **conditioned** with **nitrobenzene** 071381

CONDUCTIVITY

Electrical conductivity of vaginal mucous m- 064584
problem of examining **electrical conductivity** 066476
Observations of **electrical conductivity** of tr- 071783
of organizing & **conducting forestry** operati- 066245
Measurement of **hydraulic conductivity** of p- 071755
Use of **conductometric measurements** for te- 063804
on stomatal & **mesophyll conductances** of b- 068427
coefficient of **moisture conductivity** of soils. 071839

CONES

Conical container improves seedling growth 066388
of two tree shakers for **harvesting cones.** 071548
Harvesting **Picea cones** in forest reserves & 066356
Cone production of douglas-fir & grand fir & 068524

CONFINEMENT

on feeding animals in **confined quarters.** 064775

CONGENITAL

Congenital cervical heart position in a pig: s- 065953
on incidence of **congenital malformations:** a 064354

CONIDIUM

pathogenicity of Alternaria **alternata conidia** 069509
of Japan. II. Transition of **conidial form.** 069395
Dc. ex Merat & **conidia** of **Sphaerotheca** ful- 069334

CONIFERAE

in top form quotients of **coniferous logs.** [Pi- 066203
damages in **coniferous plantations** in Duna-T- 066086
treatment chemicals for **coniferous species.** 069400
of light by needles of **coniferous trees** of Far 068537

CONIFERS

of some discomycetes occurring on **conifers.** 069272
Dwarf conifers: landscaper's boon. 068937
Effectiveness of using **conifer flour** in feeding 064888
Lifting & storing western **conifer seedlings.** 066369
Experiments with **conifer seeds** on Subalpine 066315

CONIOPTERYGIDAE

Reuter (**Neuroptera, Coniopterygidae**) new 071259

CONIOTHYRIUM

on parasitism of **Coniothyrium minitans** on 069459

CONJUGATE

Conjugation of **polyunsaturated** fats with di- 063751

CONSERVATION

classification, basis for **conservation.** 072336
vocational education in **conservation.** [Water 072350
Sorbic acid as **conservation agent** of mixed 064076
Constructive conservation. 072525
Keeping quality & **conservation** of **consumer** 063329
Freeze-drying: **conservation** of **dairy** products 063560
chloroplasts. And **energy-conserving** step in 068276
of feeding, & method of **forage conservation** 064965
Fruit conserves & products in trade of area 062686
Genetic conservation in Hungary. [Plants]. 067327
fruit, vegetable, & pickle **conserve industry.** 063946
Conservation of **mycelial** constituents in four 069496
point of forestry & **nature conservation.** 066178
forest protection, **nature conservation.** 069860
Nitrogen conservation under babala (Pennis- 071869
on decomposition & **conservation** of **nitrogen** 072108
German fruit, vegetable, & **pickle conserve** i- 063946
A national water **conservation policy** for Au- 072419
of statutes relating to soil **conservation, set** 063013
Engineering & **conservation** in **Snowy** Moun- 072572
of statutes relating to **soil conservation,** set 063013
Soil conservation on "Dunrossie" -Wagga D- 072290
Soil conservation structures for marginal ar- 072292
plant materials center. [**Soil conservation**]. 072305
Soil conservation. 2. Land-capability classifi- 072336
chloroplasts. And energy-**conserving step** in 068276
Soil **conservation structures** for marginal ar- 072292
Will **conservation tillage** increase incidence 069817
A national **water conservation** policy for Au- 072419

CONSUMERS

Are milk containers pleasing to **consumer?** 062718
products: Guarantees offered to **consumers.** 063026
Consumer acceptance: frozen meat research 062688
Consumer attitude toward charge cards in f- 062690
distribution in today's **consumer climate.** 062707
Consumer & commerce as factors of market- 062723
will be needed to enhance **consumer demand** 062641
Factors related to **consumer loyalty** for priv- 062706
quality & conservation of **consumer milk** pr- 063329
Frozen lamb: **consumer product** characterist- 062698
Performance: from **consumer viewpoint.** [Re- 062691
Ecology: **consumer viewpoint.** [Waste]. 072558

CONSUMPTION

reality of potato cultivated for **consumption** 062820
pulses produced & **consumed** in **Bangladesh** 063967
Consumption by **chickens** of metabolizable 064843
to Class I base plans. [**Consumption, dairy** 062622
Cost price of **egg consumption** in Belgium. 062633
between **consumption** & **excretion** by larvae 070795
Analysis of **consumption expenditure** patter- 062725
Food consumption of households in North C- 062827
of data processing for **food-consumption** sur- 063271
upon live weight gains, **food consumption** & 064630
Food consumption by cabbage loopers infect- 070936
in Indonesia. [**Consumption, marketing**]. 062713
packaged speciality or **mass consumption** pr- 063892
trade influence world red **meat consumption** 062669
Production & **consumption** of **mineral** fertili- 072135
in relation to **consumption, nutritive** value 070321
over-population & **over-consumption**--is our 072552
tuberosum L. tubers & **oxygen consumption** 068295
related pollutants on **oxygen consumption** of 070732
speciality or mass **consumption product?** 063892
States agriculture. [**Production, consumption** 062765
A review of **consumption** & **production** tren- 062883
foods as they are **consumed** by **selected** gro- 063238
processing for **food-consumption surveys.** 063271
Wood **consumption, total** drain & forest bal- 066440
agriculture. [Production, **consumption trade**] 062765
Fatty acids in wheat **varieties consumed** in 063761
Water consumption & uptake of nutrients by 067883
Sprinkler irrigation & **water consumption** of 072405
for conferous timber. [**Wood consumption**]. 066434
Wood consumption, total drain & forest bal- 066440

CONTAINERS

for determining volume of **containers** (gaugi- 063416
storage of wine, comparison of **containers.** 063872
sterilization of **biological containers** for sem- 065042
Conical container improves seedling growth 066388
Inland **Container Corporation** large scale lo- 066408
A study of **containers** used for **fresh** meat. 062702
Weed control for **container-grown** ornament- 069981
Container-grown trees show response to fert- 072202
Large container--& economical means of tra- 071620
Container loblolly pines promising for erosi- 072330
of pine bark in preparing **container media.** 069090
Are **milk containers** pleasing to consumer? 062718
habitat conditions inside **rearing containers** 071002

CONTAMINANTS

proteus, a common **brewery contaminant.** 063394
Sedimentation & **contaminant criteria** for w- 072468

CONTAMINATION

Fish as food. [**Contamination**]. 063115
dairy production. [**Contamination**]. 063160
relation to meat products. [**Contamination**] 063168
greatly overemphasized. [**Contamination**]. 063186
dairy production. [**Contamination**]. 070725
Warning of **bacterial contamination** of stalli- 065163
Region of Uzbekistan [**Beef, contamination**] 063138
research. [**Carcinogens, contamination**]. 063172
biphenyls. [**Food contamination**]. 063075
bovis. [Livestock, **food contamination**]. 063180
on Salmonella. [**Food, contamination**]. 063187
Sweden, 1966--1971. [**Food contamination,** 063198
mycotoxin problem. [**Food, contamination.** 063215
in man. [Feed, **food, contamination**]. 063218
bovis. [Livestock, **food contamination**]. 065642
Sweden, 1966--1971. [**Food contamination,** 072610
as an indicator of **mercury contamination** of 066504
Micro-contamination of horticultural produc- 063097
Food **contamination, pollution**]. 063198
Clostridia. [Dariy **products, contamination**] 063143
Carcinogens, meat **products, contamination**] 063170
Carcinogens, meat **products, contamination**] 063171
components of **radioactive contamination** in 072584
Present status on **soil contamination** & its c- 071851
Strontium 90 **contamination** of some soils in 072483
I [Iodine] from **contaminated vegetables.** 063095
Prince Edward Island, **water contamination**] 072533
fractured bedrock. [**Water contamination**]. 072534

CONTOURS

Prevent damage to **contour works.** 072257

CONTRACEPTIVES

acetate as an **antifertility agent** in bitch. [D- 064932

CONTRACTILE

of mitochondrial & **contractile components** of 070920
An investigation of **contractile protein** hypo- 067775

CONTRACTS

production under **contract** is **developing.** 062340
Selling cotton on **forward contracts.** 062623

CONVECTION

Water-vapor transfer by **forced-convection** f- 067626

CONVERSION

Mechanism of **gene conversion** in Ascobolus 067309
Induction of **gene conversion** in yeast by he- 067313
Conversion of **glycerate** into pyruvate by Ch- 067726
O-methyl glucose on **conversion** of **mannitol** 067667
Conversion of **nitrogen**-containing compounds 064333
of nitrification on **conversion** of **nitrogen** fer- 071815

CONVEYORS

Dog & cat as **media conveying** toxoplasmosis 065877

CONVOLVULUS

emergence control of **Convolvulus arvensis** w- 070085

CONVULSIONS

Canine **epileptic convulsions:** treatment. 065927

COOKERY

Changes in meat during **cooking.** 063643
retention in bean products: **cooked, canned** 063954
Microbiological analysis of **fully cooked** mea- 063092
Feeding laying **hens cooked** soybeans. 064642
of warmed-over flavor in **cooked meats.** 063621
Muscle quality, **cooking method** & aging vs. 063627
changes during **cooking, processing** & storage 063411
taste & preservation of **cooked sausage.** 063658
III. Pulp yield vis-a-vis a **cooking system** & 063370

COOL

changes during **cooling** & **freezing** of meat. 063631
Effect of **chilling** & **gibberellin** spray on ros- 068305
Heating & **cooling** a **greenhouse.** 071423
Fog & fan method for **greenhouse cooling.** 071469
in tolerance to seed-**hydration chilling** in Fl 067961
chemical studies of **chilling injury** in pepper 063972
observations of a horizontal **pad cooling** ven- 071487
psychrophilic spoilage bacteria of **chilled sea** 063081
nitrate-N concentration of three **cool-season** 067884
on quality & growth rate of **cool-season** turf- 068219
nitrate-N concentration of three **cool-season** 071985
Effect of **sprinkler cooling** of grapevines on 068236
Cool storage of cut Narcissus. 063894
Cool storage of Narcissus flowers in fibre-b- 063895
Connections between **cool temperate** floras, 066692
"Use of timber in water **cooling towers** in I- 066486

COOPERATIVES
association in Bavaria. [Cooperatives]. 062305
How to start a cooperative. 062330
Ensuring economy through cooperation. 062358
Efficiency of cooperatives: criteria & prereq- 062467
What are patronage refunds? [Cooperatives] 062589
Foreign trade of cooperatives; statistical su- 062777
Cooperatives after agrarian reformin Iran. 062386
Recent activities of agricultural cooperatives 062327
ways ot finance agricultural cooperatives. [062473
on Unified Agricultural Cooperatives Zahna- 062488
in a set of Unified Agricultural Cooperatives 062801
yields of cotton on agricultural cooperatives 062817
Cooperative agriculture education in a total 062144
of problems of cooperation in agriculture. 062324
in form of agroindustrial cooperative work. 063024
Cooperative approach to outdoor recreation 072607
reproduction in cooperation association "Fle- 065129
Formation of cooperative associations in agr- 062387
specialization & cooperation for a better su- 069015
Consolidation creative cooperation of Ukrai- 066602
dry matter production in cooperative crop f- 062346
Experinece obtained by cooperative crop fa- 064055
mite pests in field crops cooperative extensi- 070408
insect & mite pests of field crops cooperative 070409
with field index in Cooperative Department 062350
Role of cooperatives in development of agri- 062269
Rural development--a cooperative effort. [P- 062998
pests in field crops cooperative extension se- 070408
pests of field crops cooperative extension se- 070409
grasses grown for seed cooperative extension 070410
nuts--home orchard cooperative extension se- 070514
for home owners cooperative extension servi- 070515
commercial vegetables cooperative extension 070516
greenhouse operators cooperative extension 070518
for small grains cooperative extension servi- 070591
Large-scale inter-farm cooperation & socialli- 062345
milk production on farm cooperative of Sme- 064200
Managing farmer cooperatives. 062329
in farm bargaining & farmer cooperatives. 062879
Farming cooperatives in Spain. 062314
cattle breeding in farming cooperatives of L- 064168
Cooperation among farms in Finland. [Ani- 062437
high-producting cows on cooperative farms in 065983
cattle production on cooperative farms of G- 064164
progress report of Cooperative Forest Tree 066383
Through cooperative gradual production in 064149
seed treatment for small grains cooperative 070591
Purpose of cooperatives in growing economy 062466
policy of milk handling cooperatives. 062793
on road towards interfarm cooperation. 068985
Cooperation between international organizat- 063141
organization, & cooperation of livestock eva- 065071
Cooperation in marketing--institutional prob- 062609
Aspects of cooperative movement in north A- 062221
Results of cooperation & mutual aid in lives- 064151
fruits & nuts--home orchard cooperative ext- 070514
lawns for home owners cooperative extension 070515
Cooperation between processing industry & 062352
integration. [Production cooperatives]. 062342
cabbage, & carrots for cooperative sale & pr- 062676
Cooperative seed treatment trials 1972. [Ce- 069279
clover, & grasses grown for seed cooperative 070410
Cooperative structure must allow managem- 062429
Health of hens raised in typical coops with 064556
Health of hens in typical coops with refere- 064560
Health of hens raised in typical coops with 064561
Health of hens raised in typical coops with 065361
Health of hens in typical coops with refere- 065363
Health of hens raised in typical coops with 065364
in course of production in a cooperative unit 065128
Cooperation of USSR & developing countri- 072473
content of cooperation in veterinary medici- 065275
Cooperative vocational education in conserv- 072350
in form of agroindustrial cooperative work. 063024
Agricultural Cooperatives Zahnasovice (Kr- 062488

COOPERIA
Ostertagia ostertagi, Cooperia oncophora]. 065590

COPPER
during different supplies with iron & copper 064903
Fe [iron], Mn [Manganese] & Cu [copper] 068313
temperature & dietary copper on growth & l- 064343
*** 064345
Influence of level o dietary copper on weight 064438
Effects of supplemental dietary copper on g- 064656
foods. I. Modified copper-dithiocarbamate c- 063349
of covering plants with a copper fungicide. 069451
Copper-hydrogenated soybean & linseed oils 063754
Iodine, copper & cobalt deficiencies in feeds 063441
carcass quality, & tissue copper levels. 064343
on weight gain, hematology & liver copper 064438
pigs & accumulation of copper in liver. 064654
Availability of iron & copper in metabolism 064903
Change of copper & mobility & its access to 071936
amines in foods. I. Modified copper-dithioca- 063349
Vanillin derivatives from a copper peat. 071761
of traces of iron & copper during refining & 063859
with maneb in combination with copper salts. 069448
Examination of toxic effect of copper salts in 069749
of infections with copper sulphate. 065945
Influence of level of copper supplement & r- 064654
Effects of level of copper supplement & rem- 064655
removal of supplemental copper from diet on 064654
removal of supplemental copper from diet on 064655
I. Growth, carcass quality, & tissue copper l- 064343
method of determination of copper, zinc & 063210

COPRA
of west coast tall palms for higher copra ou- 067100

CORAL
regions at surface of Chara corallina cells. 067646

CORALLINACEAE
Calcareous algae (Corallinaceae) of Middle 066814

CORCYRA
interpunctella, Ephestia cautella, Corcyra c- 070575
L. & rice moth, Corcyra cephalonica Staint 070241
of rice moth Corcyra cephalonica Staint. [A- 070576

CORD
on glycogen metabolism in nerve-cord of A- 070889
data on histoarchitectonics of spinal cord of 064270
in motor neurons of spinal cord of cats duri- 064459

CORDULIIDAE
of Epitheca marginata Selys (Corduliidae). 071049

CORIANDER
of andromonoecy in coriander, Coriandrum 066974

CORIANDRUM
SEE UMBELLIFERAE

CORIARIA
fixation in rhizomatous species of Coriaria. 067737

CORIXIDAE
mexicana (Heteroptera: Corixidae). 070783

CORK
Tannins in cork bark. 066522
Utilization of cork powder in preparation of 066523

CORMS
Storage losses of taro corms in British Sol- 069242

CORN
Corn: Encouraging prospects despite some o- 062990
storing, handling & feed efficiency. [Corn]. 064828
Ethnobotanical explorations in corn. [Mexi- 066583
types of chloroplasts of Zea mays. [Corn]. 066992
on some agronomic characters in corn. 067094
Diallel analysis of resistance of corn (Zea 067101
three traits in two variety crosses of corn. 067106
individual kernels of Aez mays L. [Corn]. 067155
Obtaining radioactive mutations of corn (Zea 067199
order to establish genetic variability of corn 067201
cold-resistant lines & hybrids of corn. 067318
alpha & beta glucosidase in root tip. [Corn] 067915
triphosphatases in ion uptake. [Corn]. 068033
heat & drought resistance of barley & corn. 068035
Computers in cornfield. [Growth factors]. 068083
Planting without plowing. [Corn]. 068794
Corn: lessons from 1972. 068809
Sporulation of Sclerospora sacchari on corn 069299
of occurrence & control of stem rot of corn. 069326
n. sexual stage of Phyllosticta maydis. [Corn] 069482
susceptibility in stalks & ears of corn. 069517
Diallel analysis of resistance of corn (Zea 069620
Annual weed control in corn. 069931
mechanical control of weeds in corn. 070143
Weeding of corn. 070188
Leucania separata Walker. [Corn]. 070312
population & row width studies with corn. 072154
Preseason irrigation for corn. 072365
activity in germinating seeds. [Corn]. 068007
plant growth. Zea mays primary roots. [Co-n 068108
water & fertilizers on millet & corn. 068658
amount of protein of corn with aid of induc- 067173
root extracts of corn, & Azotobacter in rhiz- 068150
from grass roots. [Corn, barley, oats]. 068053
of monuron in excised leaves of corn & bean 070230
of precision machines. [Beets, corn]. 071608
pathogenic on corn in Western Corn Belt. 069603
Gourds & calico corn. 069107
nutritive value of corn & cobs with & witho- 064600
potential of multitellering corn compared wi- 064664
application dates for Linuron on corn crops 070149
on early growth of six single-cross corn hyb- 067934
Technical lessons from corn culture of 1972 068766
Soil treatments for corn culture. [Insecticid- 070377
Effect of enriching corn seeds with micronut- 067880
supplement for lactating cows fed corn silage 064653
by green plant mass of corn from fertilizers 068063
maidis (Homoptera: Aphididae), on field co-n 070315
DLG testing of corn field choppers. 071641
Tillage of corn fields for winter wheat plant- 072316
Forage corn: How to obtain a quality harvest 068810
Triatment of corn grain with propionic acid 064105
More corn, grain & mixed feed in livestock 064757
Evaluation of corn & grain sorghum rations 064851
molybdate on yield & quality of corn grain. 068064
Harvesting corn in June. 069109
operation of a tractor with corn harvesting 071691
in Arkansas: 1962--1970. [Heliothis zea, He- 070309
Station. [Heliothis virescens, Heliothis zea, 070403
boll weevils. [Heliothis zea, Heliothis vires- 070404
Kentucky hybrid corn performance test, 19 068752
on a susceptible male-sterile corn hybrid. 069516
1972 wisconsin corn hybrids. 068611
High quality sweet corn inbreds released in 068636
Mutants of corn induced by radiation. 067189
Seed treatment of corn infected with Helmi- 069523
drylot steer-finishing systems involving corn 064824
fertilizers to wheat & corn under irrigation. 072074
Corn leaf diseases in Wisconsin. [Fungal dis- 069229
Effects of infestations by corn leaf aphid, R- 070315
of routine soil tests in predicting corn leaf z- 072011
geotropism & auxin transport. [Corn, lentils 068149
of two types of chloroplasts of Zea mays. [066992
analysis of resistance of corn (Zea mays L.) 067101
Epistasis in maize (Zea mays L.): iII. Signif- 067107
radioactive mutations of corn (Zea mays) wi- 067199
analysis of plant growth. Zea mays primary 068108
Resistance test on maize (Zea mays L.) cult- 069547
of rayado fino virus of maize (Zea mays) by 069610
analysis of resistance of corn (Zea mays L.) 069620
of rayado fino virus of maize (Zea mays) by 070308
on nature of antibiosis in maize (Zea mays 070339
Hay & high-moisture corn. 064771
Nutritive potential of multitellering corn c- 064664
on yield of wheat & corn & nutritional cond- 068618
of decapitated coleoptiles. [Oats, corn]. 068088
acid through coleoptiles. [Corn, oats]. 068107
by five plant species. [Wheat, oats, corn, su- 069829
of hybrid & inbred seeds. [Corn, onions]. 067454
biological quality of opaque-2 corn. [Feed, h- 063226
Kentucky hybrid corn performance test, 19 068752
Corn performance tests in Texas--1972. 068843
on dry matter production in corn plant. I. S- 067955
XI. Changes of auxin content of corn plants 067908
in culture of sugar beets & corn in Poltava 072224
Use of routine soil tests in predicting corn l- 072011
Effect of corn preserved with ammonium ch- 064747
New corn protein isolate: Nutritive, functio- 063234
lines & hybrids of corn to radioactivity. [M- 067188
Completed tasks at Corn Research Institute 068639
Sunflower hull & corn roughage pellets, Trit- 064783
depth of tilling for rye & corn on sands of T- 072331
tocopherol compositions of corn seed & cast- 067877
cells: glycolytic enzymes in corn seedlings. 068159
Effect of enriching corn seeds with micronut- 067880
Young Charolais bulls & corn silage: Condit- 062432
on treated & untreated corn silage. 064046
for lactating cows fed corn silage roughage 064653
Advice for complementation of corn silage of 064798
Young Charolais bulls & corn silage: Condit- 064799
steer-finishing systems involving corn silage, 064824
Corn silage supplement, good growing ration 064833
Effect of corn silage on serum proteins in p- 064892
transmissible viruses from corn & sorghum in 069691
scheduling for corn in southeastern Colorado 072364
change in water content. [Corn, soybeans]. 068119
maydis on a susceptible male-sterile corn h- 069516
of corn (Zea mays L.) to corn stunt. [Virus] 067101
Occurrence of a spiroplasma in corn stunt-i- 069877
species. [Wheat, oats, corn, subterranean cl- 069829
Tendervee sweet corn. [Hybrids]. 068635
High quality sweet corn inbreds released in 068636
Backyard sweet corn. 069106
Heliothis virescens, Heliothis zea, Texas]. 070403
Rotations for no-tillage corn in Virginia. 068855
Leakage from corn tissues induced by Helm- 069501
Man vs. Virus. [Corn, tomatoes]. 069674
uptake of nutrients by corn in Ukrainian Po- 067883
determination on treated & untreated corn s- 064046
pathogenic on corn in Western Corn Belt. 069603
incidence of plant disease? [Corn, wheat]. 069817
1972 wisconsin corn hybrids. 068611
Soil structure & corn yield in pampa region 068823
Corn yield & quality in crop rotations with 068866
carbonate Chernozem soils & on corn yield 071848
Soil structure & corn yield in pampa region 071891
organic & mineral fertilizers on corn yield 072122

CORNCOBS
value of corn & cobs with & without husks, 064600

CORNEA
microscopic studies on cornea of Cataglyphis 071015

CORNUS
regulators on rooting of Cornus florida & C- 068232
glucoside isolated from Cornus species. 068213

CORNUTIA
of haustorial mycoparasite, Dispira cornuta 067702
Immature stages of alderfly, Sialis cornuta 071154

CORROSION
Corrosive effects of commercial fertilizers & 072148

Corrosion of metals in contact with pressure 066513

CORTEX
ultrastructure of dog adrenal cortex. 066048
Occurence of diffuse cortical necrosis associ- 065930
Thalamo-cortical organization of auditory sy- 064447

CORTICOIDS
secondary effects of corticoid therapy in hor- 065302

CORTICOSTERONE
concentration of plasma corticosterone of ra- 064638

CORTISONE
Abortion caused by cortisone. 1. [Ruminants 066040
** 066041

CORYDALIS
SEE FUMARIACEAE

CORYMBOPORELLA
of gametophyte in Deutzia corymbosa R. Br 067037

CORYNEBACTERIUM
alfalfa wilt. [Corynebacterium insidiosum]. 069599
of Corynebacterium michiganense (F. Smith 069596
species of Corynebacterium pathogenic on c- 069603
by infection with Corynebacterium pyogene 065669
bacteria. [Xanthomonax, Corynebacterium]. 069589

CORYNESPORA
Washington Carver. [Corynespora cassiicola 069514
Corynespora leaf spot, a new disease of tob- 069529

CORYNEUM
SEE MELANCONIACEAE

CORYZA
A mixed infection of infectious coryza & res- 065724

COSMOS
reproduc tive apices of Cosmos bipinnatus v- 067480

COST
Emptying of countryside & its cost. [Rural 062220
production in covered ground. [Costs]. 062523
lands on lower reaches of Volga. [Costs]. 062527
baby pigs at one month of age. [Costs]. 062580
vegetables on a specialized basis. [Costs]. 062594
Basis for establishing cost accounting in agr- 062312
data processing in cost accounting system of 062400
into practice a complete cost accounting sys- 062459
Accounting, balance & unit cost accounting 066182
A cost analysis of clearing a ponderosa pine 066307
Costs & benefits of subsidizing agriculture. 062846
Cost center approach to land management. 066189
for putting into practice a complete cost ac- 062459
Change in cost & compositon of feed for pigs 062501
Cuts waste disposal costs. [Food processing, 072524
Cost effectiveness. [Bee keeping]. 062510
Basis for establishing cost accounting in agr- 062312
where they hurt. [Swine farms, costs]. 062477
Feed costs for young breeding sows. 062558
Estimation of cost functions of Northwest b- 062551
gin as related to assembly & ginning costs in 062567
beef cattle in stalls costing 1000 gulden. 071432
different means, costs of installation. 062563
Costs of intensive fattening. [Calves, poultry 062565
A least-cost model for marketing fresh appl- 062782
regulations concerning maintenance costs of 071545
Maintenance costs of aids to mechanize pla- 071546
A least-cost model for marketing fresh appl- 062782
Cost of oil/gas & feed. [Poultry farm mana- 062494
Cotton gin operating costs in Blacklands of 062588
of establishing norms for costs & overall la- 062514
Return to own costs, or good & bad points of 062754
Cost price of fodder plant seed. 062486
Cost price of egg consumption in Belgium. 062633
Improving calculations of cost of production 062520
Production costs of primary agricultural pr- 062604
Costs, profitableness & income in individual 062605
Increase profits through cost-return analysis 062505
weight of a fattened swine? [Costs, returns] 062484
Costs & returns of plant protection in horti- 062507
of mineral fertilizers on flax. [Costs, returns] 062522
farms of Astrakhan Region. [Costs, returns] 062526
land of Volga region. [Costs, returns]. 062528
District, Saratov Region. [Costs, returns]. 062529
concern of collective farms. [Costs, returns. 062575
production in Ukraine. [Costs, returns]. 062597
in block greenhouses. [Costs, returns]. 062601
of pork production. [Costs, returns]. 062602
Opportunties for cost saving in fattening la- 062508
Cost saving by rational stockkeeping. [Meat 063588
Opportunties for cost saving in fattening la- 071556
Cost-size relationships of North Dakota ran- 062547
Keeping beef cattle in stalls costing 1000 gu- 071432
State costs of & benefits from education. 062186
Cost of storing & handling grain & controlli- 062587
This waste treatment system cost $125. [Calf 072508
Manure & slurry storage. [Tanks, costs]. 062480
Livestock transportation costs in West Virg- 062603
Accounting, balance & unit cost accounting 066182

COSTUS
of diogenins isolated from Costus speciosus 067616

COTTON
of AC-134 & other varieties of cotton. II. P- 063750
Polymorphs of cellulose. [Cotton]. 063825
Electrical properties of cotton. 063827
of various warp size formulations. [Cotton]. 063828
char formation during thermolysis of cotton 063837
retardant in a continuous process. [Cotton] 063843
at IIC. [International Institute for Cotton] 063844
World's cottons: a summary of cotton fiber 063845
in Gossypium arboreum L. [Cotton]. 067285
humidity on boll retention of cotton. 067957
of nitrate reductase activity in cotton. 068099
oxysporum f. sp. vasinfectum. [Cotton]. 069254
Atk. in Gossypium arboreum L. [Cotton]. 069347
Trifluralin, on Rhizoctonia disease in cotton 069504
nematode & stubby-root nematode on cotton 069773
with insecticides & fungicides for cotton. 069820
broad spectrum herbicide for cotton. 070004
Chemical weed control in cotton. [Sorghum 070180
variability of an irrigated soil under cotton. 071881
with insecticides & fungicides for cotton. 072078
erosion with overhead irrigation of cotton. 072318
fully cured durable press goods. [Cotton]. 063835
of mean yields of cotton on agricultural coo- 062817
Bollworm outbreaks on cotton in Arkansas: 070309
of an insect-resistant cotton bag. [Stored pr- 070590
of nitrogen fertilization of buri cotton grown 072092
of liquids sorbed on cotton cellulose. 063824
Reaction of cotton cellulose with phosphorus 063838
budworms & bollworms of cotton, College S- 070403
depth of plowing with a cotton crop. 072323
of sierozem-meadow soil of cotton crops. 070151
periods on yield of Sind Desi Cotton. 068802
of proteins of leaves of different cotton spec- 068201
type fabrics from discount cottons. 063830
Cotton disease control. 069797
Dynamics of cotton disease losses. 069875
moths of spotted bollworm of cotton, Earias 067978
Increased fecundity of Egyptian cotton leaf- 070411
even technique as an aid in cotton enterprise. 062344
losses & structural changes in cotton fabric 063820
Properties of durable-press cotton fabrics re- 063822
standard weave cotton fabrics--research pro- 063831
media of durable-press cotton fabrics. 063834
analysis of flame-retardant cotton fabrics. 063836
World's cottons: a summary of cotton fiber 063845
phosphoryl-polyprenols in cotton fibers. 063756
Complex action of Nerosine in cotton fields. 072311
amide flame retardant to cotton flannelette 063841
accelerants of young cotton fruit. 067905
Optimum size cotton gin as related to asse- 062567
Cotton gin operating costs in Blacklands of 062588
Evolution of cotton ginning in southeastern 063733
Cotton growing in Israel. 068651
Working practice in cotton growing at small 068848
Cotton growing & crop protection in French 069803
control of insect pests in cotton growing in 070328
Cotton growing & crop protection in French 070697
nitrogen fertilization of buri cotton grown u- 072092
Cotton Incorporated activities. [Cotton rese- 063842
Increasing cotton production; recent resear- 063008
Cotton insect management suggestions. 070363
1973 Cotton insect control in Oklahoma. 070367
of nitrogen fertilization to irrigated cotton 062531
of two insecticides on "cotton leafworm" Al- 070389
fecundity of Egyptian cotton leafworm follo- 070411
on organic acid content in cotton leaves wh- 067973
Development of a set of upland cotton lines 067115
spray application on cotton in Malawi. [[D- 070379
organic solvents with cotton as measured by 063826
An investigation on cotton nematodes of Ta- 069773
seeds of micropyle part in cotton ovule in p- 067050
marketing of cotton in Pakistan. 062737
doubled haploids of American Pima cotton. 068655
physiological processes in cotton plant. 068067
ribosomal fractions of cells of cotton plant. 068144
acrita on susceptibility of cotton plants to 069475
of utilizing fertilizers on cotton plants in U- 072134
Properties of durable-press cotton fabrics re- 063822
to aqueous media of durable-press cotton fa- 063834
losses & structural changes in cotton print c- 063832
Increasing cotton production; recent resear- 063008
ratio & temperature. [Wood pulp, cotton]. 066521
Incorporated activities. [Cotton research]. 063842
Cotton research at IIC. [International Insti- 063844
Development of an insect-resistant cotton b- 070590
Elemental analysis of flame-retardant cotton 063836
Wide-bed, narrow-row cotton: preliminary r- 068623
Plant populations for twin-row cotton. 068770
Hill Section cotton variety tests. 068767
for possible tolerance in cotton to seedling d- 069247
doses of gamma-radiation in cotton seeds tr- 067372
Inhibitors of cotton seeds of different age. 068000
defoliant butyphos into cotton seeds. 068001
Selling cotton on forward contracts. 062623
Optimum size cotton gin as related to asse- 062567
proteins of leaves of different cotton species 068201
Growth of cotton spotted bollworm, Earias 070321
nitrogenous fertilizer to long staple cotton at 072168
1971 texas cotton statistics. 062809
Proceedings of twelfth Cotton Utilization R- 063823
cultural practices on cotton in Uganda. I. A- 070324
Development of a set of upland cotton lines 067115
of Gossypium hirsutum L. [Upland cotton]. 067961
stress on two varieties of upland cotton in I- 067976
Development of a set of upland cotton lines 069305
stress on two varieties of upland cotton in I- 071772
Proceedings of twelfth Cotton Utilization R- 063823
wilt resistance levels of cotton varieties & an 069404
wilt causal agent on cotton varieties showing 069403
Hill Section cotton variety tests. 068767
host water relations. [Cotton, Verticillium d- 069472
of experimental & standard weave cotton fa- 063831
dahliae Kleb., a causal agent of cotton wilt. 069405
Chemical finishing of cotton yarns for impr- 063829
retardants & accelerants of young cotton fru- 067905

COTTONSEED
precipitation of protein from cottonseed. 063706
tubes in detection of aflatoxin. [Cottonseed] 063752
problems in cottonseed & cottonseed oil sec- 062788
Cottonseed dressings for reducing bacterial 069600
of germination of impermeable cottonseed by 067956
Degossypolisation of cottonseed meal. III. 064688
melting fat fractions from cottonseed oil. 063753
problems in cottonseed & cottonseed oil sec- 063849

COTTONWOOD
leaves of eastern cottonwood according to p- 068582
poplar tentmaker in cottonwood plantations 070559

COTURNIX
cells of Japanese quails (Coturnix coturnix 064463

COTYLEDONS
aminoisobutyric acid from cotyledon to axis 068245
acid by greening cucumber cotyledons. 068262
cucurbitacin in cotyledons of Cucurbita pepo 068371
Hypocotyl elongation & cotyledon distortion 068395
proteases in cotyledons of germinating peas 068451
processes in isolated cotyledons of gourd. 068484
separation of pea cotyledon mitochondria in- 068457
diphosphatase in dry peanut cotyledons. 067924
of polyploid cells in ripening cotyledons of 068390

COUCHGRASS
of pre-planting couchgrass herbicides. [Agro- 070089
Couchgrass, an unnecessary weed problem. 070169

COULTERS
Broadcasting of grain with coulters fed pne- 071569

COUMARINS
Coumarins of Angelica pachycarpa. 067570
natural coumarins & coumarin fractions from 067492
Physiological impact of coumarin on healthy 068211
Natural coumarins as antimicrobial substan- 067820

COUMESTROL
Detection of coumestrol in sperm of rabbits 064588

COUPLING
of ferricyanide & coupling phosphorylation 068334
transmission by means of resilient coupling 071599

COURTSHIP
SEE MATING

COVERS
subterranean clover & a barley cover crop. 067904
penetrans under orchard cover crops. 069769
Cover crops as host plants for Pratylenchus 069909
Influence of mulch & cover crops on surface 072253
Change of forest cover in certain natural ter- 066872
Changes of grass cover of dry meadows und- 071987
Dynamics of plant ground cover as related to 066842
coefficients of brightness of plant cover. 066893
Influence of plant cover on permeability of 071856
of accuracy of covering plants with a copper 069451
growing under glass & plastic covers. 069017
Economic analyses of cover policies & fertili- 062554
Tunnel covers & mulches for muskmelon pr- 068956

COWPEAS
distribution of picloram. [Cowpeas]. 068105
at high rates of transpiration. [Cowpeas]. 068314
bees for different flower colours in cowpeas 068321
on yield & agronomic characters in cowpeas 068731
bees for different flower colours in cowpeas 071380
fertilization on nodulation of cowpea. 071970
nodules. [Rhizobium, mung beans, cowpeas] 067325
innoculation on cowpea groundnut & green 071800
maize with cowpea on production of animal 068726
Response of cowpeas to salinity & (2-chloro- 068103

COWS
SEE BOVINE

COWSHEDS
SEE SHEDS

COXIELLA
virus, Chlamydia, **Coxiella burneti** & IBR vi- 065423

COYOTES
Some myths or fallacies **concerning coyote** 064205

CRABS
home orchards: apples, pears, **crab apples;** 069917

CRACKING
Cracking in **cherries.** VI. Cracking susceptib- 069748
Drought crack on western white pine in nor- 066094
Prevent warping & **cracking** of **wood.** 066480

CRAFTS
Art & **craft** of **chocolate** making. 063373

CRAMBE
for interspecific cross of **Crambe abyssinica** 067110

CRAMBIDAE
Strand (**Lepidoptera Crambidae**) & Sesamia 070387

CRANBERRIES
pigments as a colorant for **cranberry juice** c- 063953
life of harvested **McFarlin cranberries.** 063878
Cranberry production in Washington. 069191

CRANES
tests of forest skidding **cable crane** type VL 066541
Egg characteristics & body size in **crane-flies** 070814

CREAM
Terminology of texture of **cream.** 063526
on churning & whipping time of **cream.** 063535
Definition of sweet **cream butter.** 063498
butter quality by use of **frozen cream.** 063556
Is **ice cream** a natural food? 063222
Problems of **ice cream** stabilisation. 063579

CREATINE
qualitative evolution of **creatine kinase** in r- 064291

CREDIT
Global view on **agrarian credits.** 062474
Agricultural credit. 062499
Agricultural credit: trends shown by statisti- 062535
A look at **agricultural credit.** 062564
wheat certificates, **Commodity Credit** Corpo- 063013
Promotion credits in forestry. [Austria]. 066168
Short-**range credit** in agriculture. 062476
Rural credit in Queensland. 1. 062561
Meaning & problem of long-**term credit** from 062475
1973: **credit trends** of FORMA. [Fund for 062532

CREEPING
Creep gates help calves eat better. 064137
control of **creeping speedwell** with chlorthal 069948
content of leaf blades of **Virginia creeper** (P- 067392

CREOSOTE
yearly change of residual **creosote oil** in sta- 066564

CREPIS
SEE COMPOSITAE

CRETACEOUS
Quercus pascui m. sp. from **upper Cretaceous** 066803

CRINKLE
mode of transmission of **leaf crinkle** virus of 069643

CROCUS
Occurrence of **Crocus scepusiensis** (Rehm. et 066767

CRONARTIUM
blister rust. [**Cronartium comandrae**]. 069512
pine in presence of **Cronartium flaccidum** (070558
pine. [Pinus taeda, **Cronartium fusiforme**]. 069488

CROPS
bases of resistance breeding of **crops.** 067322
Ireland: effects on growth of grass & **crops.** 067878
movement & water relations in **crops.** 2. St- 067940
Seed radiosensitivity of some **crops.** [Veget- 068423
of planting on growth & yield of **crops.** 3. Ef- 068653
by cultivation of grassland for **cropping.** 068663
vegetables, tobacco & other **crops.** 071673
on cultivation effectiveness of some **crops.** [071818
IUNG), on microfertilization of **crops.** 072183
Community] on **agricultural cropping** syste- 062237
on growth & yield of **agricultural crops.** IV. 067799
on growth & yield of **agricultural crops.** III. 068136
shoot for high protein in your **alfalfa crop.** 064060
layer by fertility with an **alfalfa crop.** 071924
prometryne & linuron on **crops** of **Anethum** 070160
of size & pattern of forage **crops area** in dai- 062278
of Avena fatua L in spring **barley crops** in 070061
miscanthi Takahashi on **barley crop** in Kulu 070346
Effect of weeds on sugar **beet crop.** 069959
a base of herbicides for carrot & **beet crops** 070205
for control of aphids on sugar **beet crops** & 070360
in providing high-yield sugar **beet crops** with 072196
a base of herbicides for carrot & **beet crops** 072317
soils in Kazakhstan with a sugar **beet crop** 072326
methods of breeding fruit & **berry crops.** 067234
Breeding fruit & **berry crops** relative to int- 067253
control of annual weeds in **Brassica crops.** 069952
Herbicide evaluation in **Brassica crops**-1968 070038
Weed control in **Brassica crops** on organic s- 070048
Fruit **crop breeding** operations in Transcarp- 067386
Barren lands yield **bumper crops.** [Saline so- 072280
Scours cause heavy losses in **calf crops.** [Es- 065472
Monograph of **crops** of **Cambodia.** 068846
Micronutrients for North **Carolina crops.** 072155
Summer **catch crop** growing. 068765
of moisture in sandy soils under **catch crop** 068894
of after-harvest soil tillage & **catch crops** on 068895
Mycoflora of **cereal crops** in Selengin & cen- 066072
in controlling Tilletia & other **cereal crop** di- 069386
Septoria diseases of **cereal crops.** 069456
in western pomerania area. [**Cereal crops,** i- 070365
Problems of breeding **citrus crops** & means 067233
Autumn planting of **citrus crops.** 069148
Commercial crops in California. [Census]. 062813
dry matter production in **cooperative crop** f- 062346
Experinece obtained by **cooperative crop** fa- 064055
mite pests in field **crops cooperative** extensi- 070408
mite pests of field **crops cooperative** extensi- 070409
application dates for Linuron on **corn crops** 070149
Significance of **correct crop** rotation for inc- 068716
of sierozem-meadow soil of **cotton crops.** 070151
depth of plowing with a **cotton crop.** 072323
subterranean clover & a barley **cover crop.** 067904
penetrans under orchard **cover crops.** 069769
Cover crops as host plants for Pratylenchus 069909
Influence of mulch & **cover crops** on surface 072253
Economic evaluation of **crops** & **crop** rotati- 062497
of fertilizers on yields of **crops** in **crop** rotat- 072241
hybrids of vegetable & **cucurbit crops.** 067226
seed culture operations with **cucurbit crops.** 067232
collection of vegetable & **cucurbit crops** & its 067243
related to effectiveness of **crop cultivation** f- 062267
Various problems in **crop cultivation.** 19. [C- 071972
in sandy soils under catch **crop culture** in cr- 068894
Noire to develop market **crop culture.** 068994
of ploughing in field **crop culture.** 071595
Noire to develop market **crop culture.** 072261
of rodents in Tonga Islands. [**Crop damage**] 069867
Effectiveness of fertilizers in **developed crop** 072225
How weather influences **crop disease.** 069775
Tilletia & other cereal **crop diseases.** 069386
Effect of tobacco **crop disposal** methods & s- 069761
for optimum planning of **crop distribution.** 062267
Crop dynamics & profitable grain cultivation 068893
to its safety to **crop** & **environment.** [Weed 070135
be reduced by improving **crop establishment** 070018
Plant introduction & **crops evaluation** as an 062170
quality varieties & hybrids of **farm crops** for 067265
Progress & problems in breeding **farm crops** 067355
basis for obtaining high yields of **farm crops** 067606
Types of fertilizers used on **farm crops** in E- 072048
basis for obtaining high yields of **farm crops** 072409
production in cooperative **crop farming** secti- 062346
contractual relations between **crop farming** 062582
obtained by cooperative **crop farming** section 064055
maximum yield & elevation of **crop farming** 068669
Crop farming in England today!. 068736
fulfillment of field operations. [**Field crops**] 062333
Effectiveness of irrigated **field crop** culture 062529
1971 texas **field crop** statistics. 062806
poisoning by nitrates & nitrites. [**Field crops**] 066065
of forest shelterbelts. [**Field crops,** yields]. 066108
German Democratic Republic. [**Field crops**] 067179
problems of seed production. [**Field crops**]. 068791
summary for 1971 & 1972. [**Field crops**]. 068793
New crops for Ohio. [**Field crops**]. 068795
Productivity of **field crop** rotations in forest 068867
control 1973 recommendations: **field crops.** 069836
Disease & nematode control in **field crops.** 069837
Highly effective measures. [**field crops,** yiel- 069928
field evaluation trials on **field crops,** 1972. 069941
Chemical weed control in **field crops.** 070167
technology of culture of several **field crops** 070204
Insect control on **field crops.** 070362
of insect & mite pests in **field crops** coopera- 070408
Control of insect & mite pests of **field crops** 070409
in mechanization of ploughing in **field crop** 071595
On role of **field crops** in biological turnover 071838
soils of Stavropol' Region in **field crop** rotat- 072329
feed value of coarse feeds from **crop fields.** 064679
replaceable culture of various **fields crops.** 071948
field pea from viewpoint of **fodder crop.** 068879
of crop residues on **following cropping.** [Soils 069751
of size & pattern of **forage crops** area in dai- 062278
Polyploids in perenial **forage crops.** XXIV. 067388
Polyploids in perenial **forage crops.** XXIII. 067390
variety selection of **forage crops.** 068754
Winterkill patterns of **forage crops** & winter 069772
water consumption of grain & **forage crops** in 072405
quantity of agricultural **forage crops** on bro- 068907
Effect of irrigation on **crop formation** of rou- 072455
Introduction & breeding of stone **fruit crops** 067258
Fruit crop breeding operations in Transcarp- 067386
On propagation of **fruit crops** by clones. 069065
Response of various **fruit crops** to glyphosate 070093
on development of some **glasshouse crops.** [068462
Prospects for 1973 USSR **grain crop** impro- 062673
Grain crop uptake of nutrients in various soil 067882
on germination of seeds of **grain crops.** 068193
agronomic techniques for **grain crops** in Vol- 068715
Means of increasing yields of **grain crops** on 068717
measures for weed control in **grain crops** of 070145
on germination of seeds of **grain crops.** 071938
utilization of fertilizers on **grain crops** in ar- 072071
Ratio between **grain crop** yields by soil-agro- 072121
for obtaining high yields of **grain crops** on p- 072129
Fertilization of **grain crop.** 072140
Irrigation norms for **grain crops** in Volga re- 072400
grades of fruit, berry & **grape crops.** 063940
Breeding primary leguminous **grass crops.** [067306
penetrans. ability of **green crops** under favo- 069909
increasing production of **groat crops.** 068714
Summer catch **crop growing.** 068765
Weed control of field **grown crops** in ornam- 070013
in Norway 1972. [**Crops, growth** substances] 067684
residual effect of rice husk on **crop growth** 072087
with aim of producing a final **hardwood crop** 066385
on anther culture of **horticultural crops.** I. 068397
persimmon, on emerging **horticultural crop** 068998
vaporariorum. [**Horticultural crops,** pests]. 070477
for 1973 USSR grain **crop improve**--imports 062673
problems be reduced by **improving crop** est- 070018
conditions of its releasing in **crops infested** 070351
How weather **influences crop** disease. 069775
pomerania area. [Cereal **crops, insect** pests] 070365
Effect of **inter cropping** on some sandy soil 068896
with high saturation of **legume crops.** 068866
fertilizers on annual **legume crops** in bog-po- 071984
agricultural crops. III. Root **crops, legumes** 068136
of deep water by a weeping **lovegrass crop** 068145
mixtures with other herbicides in **maize crop.** 070227
most essential food elements for a **maize cr-p.** 072205
of Pointe-Noire to develop **market crop** cult- 068994
Market crops on peat in tropical countries. 068995
of Pointe-Noire to develop **market crop** cult- 072261
Studies on **multiple cropping.** 1. Comparative 068732
Haryana can go in for **multiple cropping.** 068744
Ohio crop & weather summary for 1971 & 068793
New **crops** for **Ohio.** [Field crops]. 068795
Oil crop production in Iran. 063021
Forage beets, **oleaginous crops.** [Weed contr- 070186
on lupine & selected **papilionaceous crops.** 069452
fertilization & harvest time for **pasture crop** 072139
for development of **cropping pattern** of fruit 062355
rabi) rice in various **cropping patterns.** 068732
vaporariorum. [Horticultural **crops, pests**]. 070477
Investigations on damage to **crop plants** near 069912
reduction of interrow tillage of **potato crops** 072325
Effect of **preceding crops** & field conditions 068023
wheat grain in relation to **preceding crops** & 068028
Effect of **preceding crops** on yield of wheat 068618
significance of **crops preceding** winter wheat 068870
Effect of **preceding crops** on potato diseases 069911
Effect of **preceding crops** on yield of wheat 071727
Effectiveness of **crop predecessors** in soddy- 072141
Oil **crop production** in Iran. 063021
Crop production. 068850
control in commercial vine **crop production** 069746
practices in Rhodesian **crop production.** 070046
crop rotation on **crop productivity.** 068886
Cotton growing & **crop protection** in French 069803
number of mowings on **crop** of **red** clover. 068875
Breeding fruit & berry **crops relative** to int- 067253
Effect of toxicity of **crop residues** on followi- 069751
nutrient availability, & **crop response** of a n- 072004
weed control practices in **Rhodesian crop** p- 070046
weed-killers for annual weeds in **root crops** 070123
distribution on crop yields in **crop rotated** l- 068910
of different predecessors in a **crop rotating** 068888
Significance of correct **crop rotation** for inc- 068716
soil fertilization with maize in **crop rotation** 068851
Effect of simplified **crop rotation** on crop pr- 068886
of three tests using four-**crop rotation** on sl- 068887
Effect of **crop rotation** & monoculture on fe- 068890
Effect of **crop rotation** with different degrees 068891
of 10 year influence of four **crop rotation** wi- 068892
under catch crop culture in **crop rotation** un- 068894
of light soils & yields of **crop rotation** unit. 068895
indicator & crop yields in a **crop rotation** un- 068896
on yields of plants in **crop rotation** on sandy 068897
Crop rotation farming & dynamics of nutriti- 068899
soil tillage. II. Effect of **crop rotation** on p- 068900
of soil tillage & fertilizers in **crop rotation** 068901
in a three year period of **crop rotation** on c- 068905
Effect of **crop rotation** with differentiated q- 068907
Test results with **crop rotation** on different 068908
light soils under influence of **crop rotation.** 068909
Crop rotation as related to soil type & vari- 069847
Significance of **crop rotation** in plant protec- 069853
composition under various **crop rotation** on l- 070237
Crop rotation farming & dynamics of nutriti- 071962

of soil tillage & fertilizers in **crop rotation** 071963
of fertilizers in developed **crop rotation** syst- 072225
on yields of plants in **crop rotation** on sandy 072236
on yields of crops in **crop rotation** & proper- 072241
different systems of tillage in **crop rotation.** 072309
Kazakhstan with a sugar beet **crop rotation** 072326
in a three year period of **crop rotation** on c- 072340
evaluation of crops & **crop rotations.** 062497
Corn yield & quality in **crop rotations** with 068866
Productivity of field **crop rotations** in forest 068867
carbohydrates in **crop** from a **ryegrass**--white 068208
Degradation of triforine in **selected crops.** [069341
mixtures with aresin on **serradella crops.** [070150
Effect of **simplified crop** rotation on crop pr- 068886
of large doses of simazine in **uncropped soil** 070228
nematodes associated with **spice crops.** 069760
Standing crop & primary productivity of ph- 067644
1971 texas field **crop statistics.** 062806
Stubble crops of spring wheat. 068856
preparation, & sowing **succeeding crops** on l- 062417
of nematode to **succeeding crop.** 069882
Community] on agricultural **cropping syste-s** 062237
Community] on structure & **cropping systms** 062238
Vegetative propagation of **tea crops** & clone 064555
Effect of **tobacco crop** disposal methods & s- 069761
in irrigated rotation of **crops** in **trans**-Volga 072270
outlook for breeding nut **tree crops.** 067257
Growing tropical root & **tuber crops.** 066716
fifteen years' growth & **cropping** on **twelve** c- 068973
as influence by presence of **undersown crops** 069989
Grain **crop uptake** of nutrients in various soil 067882
of dalua (rabi) rice in **various cropping** patt- 068732
of herbicide composition under **various crop** 070237
mutagenesis in breeding **vegetable crops** in 067196
Trend in breeding **vegetable crops** for canni- 067236
Breeding **vegetable crops** for adaptability to 067246
Methods of breeding fruit & **vegetable crops** 067252
of radiation) by seeds of **vegetable crops.** 068376
of Folcisteine P on some **vegetable crops.** 068493
Seed culture for cucurbit & **vegetable crops** 069061
hybrids of cucurbit & **vegetable crops,** & also 069068
of phytopathologic state of **vegetable crops** 069408
mildew problems on cucurbit **vegetable crops** 069541
nematodes on physiology of **vegetable crops.** 069832
on growth & yield of **vegetable crops.** 070033
systems of production for **vegetable crops.** 070035
charcoal on tolerance of **vegetable crops** to 070050
Weed control in **vegetable crops.** 070125
insect pests of greenhouse **vegetable crops** in 070491
sulfur on yield of forage & **vegetable crops** in 072123
an aid in fertilization of **vegetable crops.** 072138
of breeding & seed culture of **vegetable crops.** 067249
Pest control in commercial **vine crop** produc- 069746
of raya (Brassica juncea) **crop** in **Western** 072416
acid as a silage additive for **wet crops** of co- 064064
South Africa & **wheat cropping.** 062180
powdery mildew causal agent on **wheat crops** 069417
of fall fallow land planted in **winter crops** in 072308
of Swedish agriculture for 1970 **crop year.** 062826
of forest shelterbelts. [Field **crops, yields**]. 066108
sandy soil fertility indicator & **crop yields** in 068896
year period of crop rotation on **crop yields** 068905
quantity & distribution on **crop yields** in cr- 068910
Highly effective measures. [field **crops, yiel-s,** 069928
depths of manure application on **crop yields** 071964
Ratio between grain **crop yields** by soil-agro- 072121
depths of manure application on **crop yields** 072245
year period of crop rotation on **crop yields** 072340
some soil properties. I. Effect on **crop yields** 068903

CROSS

of Brahman cross & **Africander cross** steers. 063608
Anisotropic cross-bands in peritrophic mem- 070919
loss on composition of **Brahman cross** & Afr- 063608
Responses of Brahman & **Brahman-cross** co- 064854
Managing **cross-bred** animals. [Dairy cattle] 064155
indicum Montgomery, 1906 in a **cross-bred** 065506
Use of inter-**breed crossing** in improvement 065204
Interest in **cross breeding** mink. 065050
How many myosins per **cross-bridge?** i. Flig- 070803
How many myosins per **cross-bridge?** iI. Fli- 070804
of first generation Friza X **Bruna cross.** [Ca- 065144
Cytological basis for **crossing capability** of 067205
Chemistry of **collagen cross**-links. Age-relat- 064313
Results of **commercial crossing** of cattle in 065089
for interspecific **cross-compatibility** in Phlox 067317
on early growth of six single-**cross corn** hyb- 067934
their development: a **cross-couuntry** compari- 062790
Responses of Brahman & Brahman-**cross co-s** 064854
Obesuzan validoformis. [**Euphorbia, cross** po- 068320
of Friza X Baltata Romaneasca **GI cross.** [C- 065145
self-pollinating lines & single-**cross hybrids** 067089
self-pollinating lines & single-**cross hybrids** 067090
Studies of **cross immunity** to Trichophyton 065857
Huds. I. **Crossing & incompatibility.** 067319
Cytological analysis of **crossovers induced** by 070868
Industrial crossing of Black Pied cows with 065153
Structural features **inhibiting** cross-reaction 067476
agronomic characters for **interspecific cross** 067110
Polymorphism for **interspecific** cross-compat- 067317
Interspecific crossing of Brassica juncea. [B- 067350
of alkaloids in an **interspecific cross** of Sco- 067808
Results from **crossing Karnobat** ewes with 065190
Cross-linking of RNA induced by ultraviolet 069651
Chemistry of collagen **cross-links.** Age-relat- 064313
Managing cross-bred animals. [Dairy cattle] 064155
Crossability & some **peculiar** features of see- 067144
How many myosins **per cross**-bridge? i. Flig- 070803
How many myosins **per cross**-bridge? iI. Fli- 070804
validoformis. [Euphorbia, **cross pollination**] 068320
wheat varieties & their **crossing progeny.** 069441
Structural features inhibiting **cross-reaction** 067476
in their diallel crosses when **selfed, crossed** 067125
in self-pollinating lines & **single-cross** hybri- 067089
on early growth of six **single-cross** corn hyb- 067934
Crossing of two **social** parasitic species, Dor- 071086
progeny recieved from **crossing spring** wheat 067071
of Brahman cross & Africander **cross steers.** 063608
clayey soils associated with **Cross Timbers** in 071857
of style thickness in a **cross** of **tomato** (Lyc- 067273
of locule number in a **cross** in **tomato** (Lyco- 067274
spring wheat obtained by **crossing winter** fo- 067213

CROSSBREEDS

of different systems of **crossbreeding.** [Cattle 065109
breeds of swine & their use n **crossbreeding.** 065191
production from exotic & **crossbred cattle** on 064880
Effects of **crossbreeding** & **certain** environm- 064935
Crossbreeding improves production. [Sheep] 064967
of milk productivity of **crossbred** & **Kazakh** 064927
Rambouillet X Daglic (F1) **crossbred sheep** 064936

CROSSLINKING

changes in cotton print **cloth crosslinked** wi- 063832
of previously **crosslinked cottons.** 063833
changes in cotton **fabric crosslinked** with d- 063820

CROTALARIA

characterization of **Calonectria crotalariae** c- 069489
Genus Crotalaria. XIII. Crobarbatine, a new 067571

CROTON

A species of **Croton** L. New for Venezuela, 066772

CROWNS

alfalfa. IV. Species associated with **crown.** 070313
of radiation regime in **crown** of **apple** trees 068335
relative to rootstocks & **different crown** sha- 068384
to dates & methods of **crown formation.** 068377
cultural regime of bacterai-**free crown** gall t- 066976
calculation for **crowns** of **growing** trees. 066258
Effect of Alar in **partial crown** treatment. [068479
Effects of natural infections of **crown rust** & 069278
Crown rust of oats in Canada in 1972. 069290
Race composition of **crown rust** of oats in U 069416
Selection of **crowns** for **top** working. [Hevea 069219
measuring vertical projection of **tree crowns** 066213
An instrument for measuring **tree crown** wid- 066306

CROWS

Quaternary sediments from Old **Crow River** 066653

CRUCIFERAE

on wild cruciferous plants **(Cruciferae)** in P- 070287
with water extracts of **different cruciferous** 067070
in root tissues of **cruciferous seedlings.** 066918

CRUSTACEA

Alterations in **Crustacea-plankton** ov Sempa- 071018

CRYOGENIC

Technique of "mechanical **cold-cryogenic** co- 063941

CRYPTOCOCCUS

chlamydospores by **Cryptococcus laurentii.** 067005

CRYPTOLESTES

behavior of rusty grain **beetle, Cryptolestes** 070573

CRYPTOMERIA

in a young stand of **Cryptomeria japonica** D 066235
stem curve of sugi. **[Cryptomeria japonica].** 066236
grown from cutting. **[Cryptomeria japonica]** 068550
by autoirrigator. **[Cryptomeria japonica,** Ch- 068551
on frost hardiness of **Cryptomeria japonica** 068552
for planting stock of **Cryptomeria japonica.** 068589
in sugi plus trees, **Cryptomeria japonica** D. 070542

CRYPTORCHIDISM

Cryptorchidism in a **herd** of Rathi cattle. 065931
Induced cryptorchidism in lambs: effects on 064289

CRYPTOSTIGMATA

Colorado (Acari: **Cryptostigmata, Pelopidae)** 071193

CRYSTALLINE

Influence of **quasi-crystalline** structure of w- 067889
Crystalline structure of tropomyosin & trop- 063640

CRYSTALLIZATION

check of **crystallization** of **glucose** with inte- 063805
of urea on **crystallization** & **polymorphism** of 064367

CRYSTALLOGRAPHY

A preliminary **X-ray crystallographic** study 068352

CRYSTALS

Assimilation of **crystal amino** acids in digest- 064493
qualities of sirup & sirup-**crystal mixtures** by 063851
Octahedral crystals in Phycomyces [blakesl- 066988
centrifuging & seeding of **raw crystals.** [Sug- 063805

CUBITERMES

genetics in termites (Isoptera). **[Cubitermes** 071020

CUCUJIDAE

surinamensis (Coleoptera: **Cucujidae)** to ces- 070571
ferrugineus (Coleoptera: **Cucujidae).** 070573

CUCULLIA

New for Baltic States: **Cucullia lychnitis** (L- 071189

CUCUMBERS

partial differentiation in vitro. **[Cucumbers]** 068445
regulation by auxins. **[Cucumbers].** 068453
on greenhouse culture of **cucumbers.** 068924
molecule in lanoline paste. **[Cucumbers].** 069252
Schl. ex Fr. concomitantly on **cucumber.** 069334
of Ascochyta infection in **cucumbers.** 069434
flower induction on **androecious cucumber,** 068248
powdery mildews. **[Apples, cucumbers,** Podo- 063157
in plant tissue. [Kidney **beans, cucumbers,** c- 068357
Cucumber black root rot caused by Phomop- 069237
Bloater formation in **brined cucumbers** ferm- 063123
in fermentation of **brined cucumbers.** 063124
tissue. [Kidney beans, **cucumbers, cabbage]** 068357
Vinegar, **canned cucumbers** & vegetables in 063945
to double streak & **combination cucumber** 069676
acid by greening **cucumber cotyledons.** 068262
on androecious **cucumber, Cucumis** sativus L 068248
formation in brined **cucumbers fermented** by 063123
aminolevulinic acid by **greening cucumber** c- 068262
on production of **cucumbers growing** in sandy 072207
Comparative studies of **cucumber hybrid** Ke- 067066
watermelon & **cucumbers** in **meadow**-bog soi- 066919
lobata--a new reservoir of **cucumber mosaic** 069673
streak & combination **cucumber mosaic** virus 069676
Virus of **cucumber mosaic** on Echinocystis l- 069723
Slicer **cucumber performance** in Arkansas R- 068953
control in commercial **pickling cucumber** pr- 069745
mildews. [Apples, **cucumbers, Podosohaera** l- 063157
in commercial pickling **cucumber production** 069745
cotyledon distortion of **cucumber seedlings** in 068395
Slicer cucumber performance in Arkansas R- 068953
method of application on **tomato, cucumber,** 068250
crops. [Lettuce, **tomatoes, cucumbers].** 068462

CUCUMIS

on androecious **cucumber, Cucumis** sativus L 068248

CUCURBITACEAE

in cotyledons of **Cucurbita pepo** L. cv. Black 068371

CUCURBITACINS

a novel cytotoxic **cucurbitacin** 20-**acetate** fr- 067671
Identifying cucurbitacin in cotyledons of Cu- 068371

CULEX

synthetic larval diet for **mosquito Culex** pip- 070940
On proteases of **mosquito Culex** pipiens. 071017
in larvae of Aedes & **Culex mosquitoes.** 070960
properties. **[Culex pipiens** molestus, Aedes 070631
tepa in pupae & adults of **Culex pipiens** fati- 070657
coloring in larvae & pupae of **Culex pipiens** 071008
Culex territans as a potential vector of Try- 070616
in a mosquito. **[Culex tritaeniorhynchus].** 070912

CULICIDAE

Mosquitoes **(Culicidae)** in changing Australi- 071004
Aedes impiger (Diptera: **Culicidae)** with a d- 071152

CULICOIDES

Keys of species of **Culicoides** (Diptera, Cera- 071309

CULTIVARS

between barley **cultivars according** to grain 067057
on flowering of six **cultivars** of **annual** statice 068240
on rooting of three **azalea cultivars.** 068231
for differentiation between **barley cultivars** 067057
resistant & susceptible sugar **beet cultivars** 069684
Trials of fescue & **bent cultivars,** 1971-2. [F- 068835
resistance in Japanese **domestic cultivars.** [067298
varieties in official list of **cultivars eligible** f- 069168
of seeds of various suflower & **flax cultivars** 068178
on weed control in different **grain cultivars.** 070234
Registration of **cultivar names** what it is & 068948
cultivars with & without **cultivar Norin** 10 in 066963
New processing tomato **cultivars Ohio** 2070, 069103
green mass of most spread **pea cultivars.** 068509
media culture from four **poinsettia cultivars.** 068992
1970-71 irish **potato cultivar** trials. 068969
on maize (Zea mays L.) **cultivars** to **race** T 069547
Cultivar registrations. [Fuchsia]. 069008
among rice Oryza **sativa cultivars.** 067119

Relative hardiness of **strawberry cultivars** at 068298
on defoliation of two **strawberry cultivars** at 068976
Everbearing **strawberry cultivars** in Illinois 068999
rainier", a dual purpose **strawberry cultivar** 069004
New **cultivars** of **tall** fescue (Festuca arundi- 068690
New processing **tomato cultivars** Ohio 2070, 069103
1970-71 irish potato **cultivar trials.** 068969
magnesium contents of **various cultivars** of 068207
storage of rhubarb roots, **cultivar Victoria.** 068323
Berry composition of Vitis **vinifera cultivars** 068242
inflorescnece in hexaploid **wheat cultivars** w- 066963
fertilizer on three spring **wheat cultivars.** 067925
of a standard & a semi-dwarf **wheat cultivar** 068626
Puma, a new **cultivar** of **winter** rye. 068637

CULTIVATION

Lilium bulb production & **cultivation.** 1. 068925
of modernized technique of **cultivation.** 069851
peat-boggy soils under effect of **cultivation.** 071880
Post-planting **cultivation aids** old field white 066390
Possibility to **cultivate arboviruses** in tissue 069656
varieties & populations of **beans cultivated** 069163
regional economics of sugar **beet cultivation** 062608
Cultivation of **bigleaf** hydrangea (Hydrangea 069184
practices in respect of **chilli cultivation.** 068984
Cultivation of **common** lilac (Syringa vulgar- 069185
of medium & **cultivation conditions** of Asper- 067783
of karyotype in **continually cultivated** subli- 071041
related to effectiveness of **crop cultivation** f- 062267
Various problems in **crop cultivation.** 19. [C- 071972
Cultivation of **Dioscorea** deltoidea in subtro- 069207
soils depending on **cultivation effectiveness** 071818
Cultivation of **European** yellow lupine seeds 068898
Cultivation of **exotic** fruit. 069032
Weeds in **cultivated fields** in Sweden. 070214
alfalfa collection under **cultivation** in **foothill** 068858
Cultivation of **fowl** plague virus at low temp- 065475
Crop dynamics & profitable **grain cultivation** 068893
of Avena fatua L. in **cultivation** of **grain** resu- 070130
feed production by **cultivation** of **grassland** f- 068663
Cultivation & harvesting equipment in veget- 071579
of some winter wheat **hybrids cultivated** at 068186
Advantages of **intensive cultivation** of maize 068790
On establishment of **irrigated cultivated** pas- 068721
Development of **cultivated irrigated** pastures 072385
Irrigated cultivated pastures to every farm. 072389
Cultivation of **Jerusalem** artichokes. 069034
More effective **land cultivation** by larger plo- 072284
Methods for **leukocyte cultivation** of full bo- 065036
Effect of differentiated **manuring, cultivating** 068875
cinnabarina (Tode) **cultivated** on **medium** co- 067857
temperature, year of **cultivation & mineral** f- 069080
of phytotron-**cultivated monohybrid** barley. 067164
stipe, a new disease of **cultivated mushroom** 069533
in several psamophytes of **Oltenia cultivated** 067052
Correct use of **cultivated pastures.** 062338
Productivity of perennial **cultivated pastures** 068710
of irrigated **cultivated pastures** on Mummov- 068721
Development of **cultivated pastures** in soddy 068757
of fencing of **cultivated pastures.** 071559
Irrigated **cultivated pastures** to every farm. 072389
agricultural industry: **Cultivation** of **peas** (Pi- 068374
Productivity of **perennial cultivated** pastures 068710
Vigour & variability of **phytotron-cultivated** 067164
Post-**planting cultivation** aids old field white 066390
certain species of **cultivated plants.** 067193
chromosome mutations in **cultivated plants.** 067302
Average samples of **cultivated plants** & prep- 067605
Cultivation of **plants** under artificial light. 2 068215
Yield formation of various **cultivated plants** 068909
limitation of epidemic of **cultivated plants.** 069887
for Soil Science & **Cultivation** of **Plants** (I- 072183
Cultivation of **poinsettia** (Euphorbia pulcher- 069187
to marketing reality of **potato cultivated** for 062820
Concise history of **cultivated potato.** 069058
to marketing reality of **potato cultivated** for 069079
irrigation regime for **potatoes cultivated** on 072470
Cultivation of **radish** under artificial conditi- 068947
methods of restoring & **re-cultivating** soils in 072264
On Problem of **cultivation & regression** of fir 066357
of successive missing in **rice cultivation** with 068685
policies & fertiliser use in **rubber cultivation** 062554
composition of algae in **cultivated soddy** cal- 071729
herbicides & post-planting **soil cultivations.** 069129
acid treatment & **soil cultivation** in autumn. 070121
Modern **soil cultivation**--but how? 072289
methods of restoring & re-**cultivating soils** in 072264
Resutls of **spruce cultivation** from 1930--45 066327
karyotype in continually **cultivated sublines** 071041
of leaf-curl of peach **trees, cultivated** on san- 069561
Yield formation of **various cultivated** plants 068909
Profitability of **vegetable cultivation** on open 062543
of plastic in Belgian **vegetable cultivation.** 2 069161
Torenia fournieri (Lind.) **cultivated** in **vitro.** 067453
Contribution to study of in **vitro cultivation** 067472
Isolation & in **vitro cultivation** of cells of E- 068084
significance of **cultivated & wild** plants in S- 072273

CULTIVATORS

of torsional vibration in a **rotary cultivator** 071599

CULTURES

Old culture--new **culture:** A study of migran- 062216
of amino acids in Brucella when **cultured.** 065808
of red clover & outlook for its **culture.** [Hu- 067305
quality in non-Chernozem region. [**Culture.** 068697
quality of winter wheat grain. [**Culture**]. 068707
Potato quality as research goal of **culture.** 068970
citrus orchards for tomorrow. [**Culture**]. 069007
Ornamental Hibiscus--propagation & **culture** 069037
There is gold in gladiolus. [**Culture**]. 069073
tantalizing, those Lycoris. [**Culture**]. 069115
Scindapsus. [**Culture**]. 069127
Torreya; tribe Cephalotaxeae, etc. [**Culture**] 069133
Coffee & cacao. [**Culture**]. 069212
systems of fertilizer application & **culture.** 071944
pigs against swine pox with **culture-adapted** 065878
Studies on **anther culture** of horticultural cr- 068397
of asparagus through shoot **apex culture.** II. 068942
New methods of **culture application** in dairy 063541
Colve. [Syzygium **aromaticum, culture**]. 069201
synthesis of mycorrhizas in **aseptic culture.** 067733
of sarcanthine orchids by **aseptic culture** of 068237
Aseptic culture of Amaryllis ovules & tissues 068438
graminis f. sp. Tritici in **axenic culture.** 069505
of Hygromull on soil fauna in **azalea culture** 071787
in complex research of sugar **beet culture.** 068740
Industry-like **beet culture** & tasks of plant 069788
Weed & pest control in sugar **beet culture.** 070140
New incentive for sugar **beets culture** consi- 070139
concentration, isolation & **culture** of **benzole** 071906
Innovations in **culture** of **Betula** verrucosa c- 066346
zephyrantheae report. [**Culture, breeding**]. 069119
of asparagus through lateral **bud culture.** 069047
Nicotiana glauca Grah.) **callus cultures** deri- 069614
of a whole plant in **culture** of **carrot** tissue. 068342
of antipyrine on animal **cell cultured** in vitro 064337
stages of Eimeria tenella in **cell culture** by i- 065374
patoc & canicola in three kidney **cell culture** 065389
embryonating turkey eggs & **cell cultures.** 065390
I I. Reproduction in **cell cultures.** [Chick e- 065475
effect of Aujeszky's virus on **cell cultures.** 065699
of laryngotracheitis virus on **cell culture.** 065789
of antipyrine on animal **cell cultured** in vitro 067470
of lipids in various plant **cell cultures.** 067479
cleavage of tyrosine in plant **cell cultures.** 067779
serogroup to some vertebrate **cell cultures.** 070595
of non-photosynthetic tissue **culture cells.** [068435
metabolic activities in tissue **culture cells.** I- 064364
effect of heat-treated Bacillus **cerus culture.** 066051
in associative growth of **cheese cultures.** 063522
on a new base for **culture** of **Chrysanthemum** 069075
spider mites from **Chrysanthemum cultures.** 070473
Wind measuring apparatus for **citrus culture** 068959
Red **clover culture.** [East Germany]. 068760
of carrots in relation to **cultural conditions.** 064030
Effect of **cultural conditions** on quality of w- 068706
for sugar beets **culture considerably** improv- 070139
Technical lessons from **corn culture** of 1972 068766
Soil treatments for **corn culture.** [Insecticid- 070377
Effectiveness of irrigated field **crop culture** 062529
in sandy soils under catch **crop culture** in cr- 068894
Noire to develop market **crop culture.** 068994
of ploughing in field **crop culture.** 071595
Noire to develop market **crop culture.** 072261
Old **culture**--new **culture:** A study of migran- 062216
glauca Grah.) callus **cultures derived** from h- 069614
A cellulase complex in **culture filtrates** of R- 069261
Cooperatvie research on **culture** of **forage** pl- 068746
Fruit culture research & testing in Austria. 068913
Operation systematization of **fruit culture** & 068918
Mechanization for **fruit culture.** 1. New tec- 068979
Mechanization for **fruit culture.** 2. Progress 068980
planting in Holland. [**Fruit culture,** varieties 069157
of Kazakh Institute of **Fruit Culture** & Vitic- 069171
Virus diseases in **fruit culture.** 069672
Plant protection in **fruit culture** 1973: guidel- 069850
Dangers from pesticides used in **fruit culture** 070714
Mechanization for **fruit culture.** 2. Progress 071550
Problems in chemicalization of **fruit culture.** 072061
results of weed control in **grain culture.** 070115
Leptohylemyia coarcata in **grain culture.** 070325
with trace elements in aquatic **grape culture** 068332
development of non-irrigated **grape culture** in 069170
Soil maintenance in **grape culture.** 072203
Cereal **grass culture** in Buryat-Mongolia. 068831
Greenhouse culture of seedlings of Betula ve- 066347
Greenhouse culture of grapes. 2. [Protective 068923
rice straw application on **greenhouse culture** 068924
plants grown under **greenhouse culture.** I. ef- 069038
of tractor loads in **culture** & **harvesting** of s- 071694
Culture of **healthy** seed potatoes in Estonia 069063
System of measures for **culture** of **healthy** s- 069064
A system of measures for **culture** of **healthy** 069067
Fertilization of **hop cultures** with minor ele- 072058
in Florida. [Pelargonium **hortorum, culture**] 068990
to yield-prediction & **culture improvement** of 067949
establishing a permanent **laboratory culture** 070861
rearing containers in **laboratory cultures** of 071002
Culture of **lupine** for feed & its alkaloid con- 068194
out single seed equipment in **maize culture.** 069089
Effect of simplified **cultural measures** on yie- 068906
Cultural measures for weed control in grain 070145
Culture media & identification methods of C- 063069
of vermiculite for soilless **media culture** from 068992
by Phytophthora palmivora in **culture media** 069490
Effect of **culture medium** on production & p- 069509
diseases by method of **meristem culture.** 069662
mosaic virus by apical **meristem culture** & ti- 069704
Culture method for Pleurotus florida FovoSe 068957
Cultural methods for Sorghum vulgare suda- 068859
Betula plants in pure & **mixed cultures.** 068601
some weed-killers in **mushroom culture".** [069340
Culture of **oleaginous** flax. 068808
Economic efficiency of **onion culture** in Don- 062599
breeding & seed **culture operations** with cuc- 067232
Breeding & seed **culture operations** with ve- 067260
potato breeding & seed **culture operations.** 067239
Orchard culture at Moldavian Machine Test- 071666
bless dew & rain water. [**Orchids, culture**]. 068938
Organizing culture, quality control & availa- 069069
grazing of cattle on **cultured pastures.** 072387
Development of **cultured pastures** on flood-l- 072388
in Latvia. II. Non-**pigmented cultures.** 071821
Culture of **plant** protoplasts. [Tomatoes]. 066937
Studies on growth in **culture** of **plant** cells. 068546
Institute for Agricultural **Plant Culture,** Zur- 068755
Condiment **plant culture** & management. 1. 069200
region. [Pastures, forage **plants, culture**]. 068713
of bacterial count of **plate cultures** with help 063500
Poplar culture as a part of landscape care. 069039
maintenance in **Populus culture.** 066334
labor productivity in **potato culture.** 062373
Use of growth stimulants in **potato culture** in 068402
Potato culture. 069029
Scientific basis for **potato culture.** 069179
Effect of intensification of **potato culture** on 069854
in breeding & seed **culture practices.** 067251
wheat yield by means of **cultural practices.** 068786
Trials of spraying & **cultural practices** on co- 070324
cytological study after **prolonged cultural** re- 066976
of proso smut agent in **pure culture.** [Sphac- 067696
Organizing **culture, quality** control & availa- 069069
produced in soil or in **culture regarding** ger- 069477
study after prolonged **cultural regime** of bac- 066976
nitrogen in soil with non-**replaceable culture** 071948
Fruit **culture research** & testing in Austria. 068913
Inspections of **rice cultures** in Italy & Fran- 068747
of moisture in sandy soil under **rye culture.** 068901
African violets. [**Saintpaulia, culture**]. 068991
device for sanitation & **culture** of **saline** to a- 072259
leaf vegetables grown in **sand culture** & vari- 068313
decision for urgent problems of **seed culture.** 066344
Breeding & **seed culture** of heterotic hybrids 067226
for improving breeding & **seed culture** opera- 067232
Tasks in potato breeding & **seed culture.** 067235
improving potato breeding & **seed culture** o- 067239
research in breeding & **seed culture** of potat- 067248
tasks in field of breeding & **seed culture** of 067249
of physiology in breeding & **seed culture** pr- 067251
research in breeding & **seed culture** of veget- 067256
Breeding & **seed culture** operations with ve- 067260
On alfalfa **seed culture** in relation to irrigat- 068722
Seed culture of alfalfa & clover. [Poland]. 068761
Red clover **seed culture** in Perm Region. 068762
Seed culture for cucurbit & vegetable crops 069061
On fundamentals of **seed culture** of fruit tree 069066
Improving technology of **culture** of **several** f- 070204
of Sclerotinia fructigena in **shake culture.** [069259
Forest **shelterbelt culture** & intensification of 066100
Effect of **simplified cultural** measures on yie- 068906
ion concentration of **culture solution** on gro- 068399
mechanism of manganese in **culture solution** 071811
from continual direct **sowing culture.** II. In 068652
Soybean culture techniques in northeastern 068616
Culture of **spring** rape. 068812
Nature of **cultures** of **Staphylococci** isolated 063199
aureus in sausage by **starter cultures** & che- 063120
in glucose **stimulated cultures** of Spirodela o- 067572
Cultural studies of slaughter swine with sus- 063178
artichoke (including tissue **culture studies),** 068312
Bals.) Vuill. in **submerged cultures.** 067695
by mycelium grown in **submerged culture.** 067691
On use of top dressing in **culture** of **sugar** b- 072224
Some aspects of **sugarcane culture** in Puerto 068738
Minimum tillage in **sunflower culture.** 072314
Growth & nutrition of a **suspension culture** 067649
CoA ligase from cell **suspension cultures** of 067912
L. Cells in **suspension culture.** 068546
transients in **synchronous cultures** of Chlore- 067444
Synchronous cultures of Chlamydomonas re- 067759
in three kidney cell **culture systems.** 065389
weberbaueri. [**Taxonomy, culture**]. 069121
Prospects for **tea culture** in foothills of Ady- 069228
Soybean **culture techniques** in northeastern 068616
metabolic activities in **tissue culture** cells. I- 064364
in cells of apple tree **tissue culture.** 067048
effect of sodium chloride on **tissue culture** of 067406
Emblica officinalis Gaertn **tissue culture.** 067613
Caffeine synthesis in fruits & **tissue cultures** 067776
On **tissue culture** of Datura innoxia Mill. & 067805
Jerusalem artichoke (including **tissue culture** 068312
of non-photosynthetic **tissue culture** cells. [068435
on photosynthesis of carrot **tissue cultures.** 068448

to cultivate arboviruses in **tissue cultures** of 069656
of XVirus of potatoes in **tissue culture** of Da- 069665
by apical meristem culture & **tissue culture.** 069704
to cultivate arboviruses in **tissue cultures** of 070634
viruses in mosquito **tissue cultures.** [Aedes a- 070812
growth & sugar beet **tissues cultures.** 068162
Stability of **cultural & toxic** properties of fu- 069571
Ustilago nuda in **culture** & their **utilization** 069436
Lophodermium pinastri. I. **Cultural variants.** 069317
planting in Holland. [Fruit **culture, varieties** 069157
development of Austrian **vegetable culture.** 068915
of Soviet Union. II. [**Vegetable culture**]. 069018
Plant protection in **vegetable culture** 1973. 069849
for its utilization in **vegetable culture.** 071685
Economics of commercial **vegetable culture** 062526
hybrids for irrigated **vegetable culture.** 067230
Anther in **vitro culture,** a new method for o- 067334
In **vitro culture** of mycoplasmas of plants & 069628
Trends in chemical & **cultural weed** control 070016
for Agricultural Plant **Culture, Zurich**--Rec- 068755

CUMINUM
on Alternaria blight of **Cuminum cyminum.** 069354

CUPRESSACEAE
Juniperus virginiana, **Cupressus arizonica,** 069518
of cypress in Iran. [**Cupressus sempervirens**] 066901
of cypress. [**Cupressus sempervirens**]. 068556

CUPRIC
Effect of CuSo4 [**Cupric Sulfate** Anhydrous] 070680

CURCULIONIDAE
Sitophilus oryzae Linn. (**Curculionidae:** Col- 070338
Pissodes strobi) (Coleoptera: **Curculionidae**) 070529
granarius (Coleoptera: **Curculionidae**), on na- 070781
longicollis Oliv. (Coleoptera: **Curculionidae**) 070879
Fabricius (Coleoptera: **Curculionidae**). 070993
Olivier) (Coleoptera: **Curculionidae**). IV. Ra- 071092
poastica, parasites, **Bathyplectes curculionis** 070307
mimus] (Coleoptera, **Curculionidae, Cholinae**) 071129
Pissodes notatu s (**Coleoptera, Curculionidae**) 070558
of Sitona species (**Coleoptera, Curculionidae** 070767
Phyllobius piri L. **Coleoptera, Curculionidae** 070834
Pissodes notatu s (**Coleoptera, Curculionidae**) 071051
notatus (F.) (**Coleoptera Curculionidae**) in 071053
virens Herbst (**Coleoptera, Curculionidae**). 071076

CURCUMA
of rhizomes of some **Burmese Curcuma** spec- 067051

CURCUMIN
Direct curcumin method for determination of 067773

CURDS
Effect of morphactin on **cauliflower curd**-fo- 068288
Rheological analysis of **curd formation.** 063527
"pasta filata" (**plastic curd**) cheeses. 063568

CURING
in perishable canned **communuted cured** me- 063031
system for creasing fully **cured durable** press 063835
Probable location of **flue-cured** production u- 062402
multiple disease resistant variety of **flue-cur-d** 069893
cement boards. 5. Effects of **curing periods** 066450
on weight loss during **curing** of **Satsuma** ma- 063970

CURL
Apricot leaf **curl caused** by Taphrina defor- 069526
Control methods of **leaf-curl** of peach trees, 069561
Investigation on pelargonium **leaf curl** virus 069721

CURRANTS
occurence of leaf rolling insects on **currant.** 070490
selecting breeding stock for **black currants.** 067244
Biochemical characteristics of **black currant** 068338
annual weeds in **blackcurrants, gooseberries,** 070092
dichlobenil on **blackcurrants** & **raspberries.** 070091

CURRENTS
to specimens collected in **Agulhas current:** 2 066723
A current bibliography of Finnish forestry li- 066139
Current cattle & sheep husbandry in Swiss 064184
chemical developments in **current decade.** 070716
Change in **current growth** increment in spru- 066250
Nutritional **labelling--current** status. 063084
Regulatroy schemes of **current members** of 070676
of a seminar on **current problems** in milk in- 062657
foods: unsolved problems & **current research** 063172
Influence of **current speed** on locomotory ac- 070765
Current standards & conditions for purchasi- 062747
Current state of & development trends in ar- 065070
Current state & outlook for reclamation con- 072404
Current status of nutrition labeling. 063164
Current status & prospects for organizing fe- 064716
Current status & outlook for breeding nut t- 067257
Current status of abscission retardants & ac- 067905
Current status & means of improving utiliza- 072274
Current system of fungi. [Plant taxonomy]. 066821
till year 1985 in relation to **current trends** in 064087
Current views on swine breeding. 065045
Current views on pathogenesis & control of 065565
Current views on etiology & pathogenesis of 065941

CUSTOMERS
Flavor preferences of **supermarket customers** 062617

CUSTOMS
Some **food customs** & beliefs--in South Afri- 063263

CUTEREBRA
with designation of lectotypes in **Cuterebra.** 070904
of psontaneous **Cuterebra myiasis** in domest- 065540

CUTICULAR
Cuticle deposition in imaginal disks of three 070929
Autoxidation of **insect cuticular** lipids: stabil- 070885

CUTTINGS
altitudes through propagation by **cuttings.** 066401
regulators in physiological state of **cuttings.** 067589
sativa L.) related to variety & **cutting.** 067897
synthesis in potato tuber tissue by **cutting.** 068456
clones of sug-seedlings grown from **cutting.** 068550
formalin on quality of direct-**cut alfalfa** silage 064047
of organic acid in direct--**cut alfalfa** silage. 064048
mechanization on improvement **cutting areas** 066349
pinitorqua in Ericaceae **cutting areas.** 069401
Laboratory experiments of **Cut bark"** treat- 070233
between rooting of **Dahlia cuttings** & presen- 068434
Effect of **cutting deadlines** on feed value of 064679
acid & formalin on quality of **direct-cut** alfal- 064047
on production of organic acid in **direct--cut** 064048
ot tobacco mosaic virus in **discs cut** out from 069730
Melampsora pinitorqua in **Ericaceae cutting** 069401
Effects of heights of **cutting** after **grazing** on 068847
Group cutting system in experiment forest of 066379
Differentiating **harvest cutting** in Larix fore- 066343
Role of **improvement cutting** in formation of 066340
mechanization on **improvement cutting** areas 066349
Effects of **improvement cuttings** & thinnings 066405
Propagation of **juniper cuttings** in various 068230
of terrace land of open-**cut lignite** mine. 071983
moisture regimes, **cutting management** & ph- 068730
Water suction of **cuttings measured** by autoi- 068551
Cool storage of **cut Narcissus.** 063894
residue from a selectively **cut northern** har- 066506
with recultivation of terrace land of **open-cut** 071983
Propagation of ornamental **plant cuttings** by 068919
with herbicides, using **cuttings** of **Populus** e- 070233
under varying moisture **regimes, cutting** ma- 068730
of tobacco roots. XI. Effect of **root-cutting** 067547
action on suckering from aspen **root cuttings** 068522
florida & Cornus florida **rubra cuttings.** 068232
of growing stock after **selection cutting** of v- 066341
logging residue from a **selectively cut** northe- 066506
Rooting response of **cuttings** of **several** orn- 068224
Shelterwood cutting in tapped pine forests. 066342
antagonist on rooting of **shoot cuttings.** [M- 068439
What is best length of **cut** for **silage**-making 064061
on rooting of Douglas-fir **stem cuttings** as re- 068576
Propagation of potatoes from **stem cuttings** 068927
I. Rooting activity of poplar **stem cuttings.** 068574
between grass leaves & **stems cut** at different 068010
Machines for **cutting stubble.** 071637
Group **cutting system** in experiment forest of 066379
their development in **veneer cutting.** 066565

CUTWORMS
Insecticidal control of **cutworm** (Agrotis yps- 070337
on bionomics of dark-sided **cutworm, Euxoa** 070787
some modern insecticides to **paddy cutworm** 070348

CYAMOPSIS
spot disease of **Cyamopsis tetragonoloba** (L. 069379

CYANIDES
Cyanide intoxication of swine & poultry. 066019
inhibition by KCN. [**Potassium cyanide,** spi- 068274

CYANOGEN
feeding & **cyanogenesis** in **Trifolium** repens 068015

CYANOPHYCEAE
Chrysophyceae, **Dinophyceae, Cyanophyceae**] 067601

CYANOPHYTA
evolution & mechanism. [**Cyanophyta**]. 067865
of certain species of **Cyanophyta** to **sulfur** & 067721

CYATHUS
of calcium on fruiting of **Cyathus stercoreus** 067704

CYCLAMATES
Cyclamate determination in food. 063061

CYCLE
Investigations on **annual cycle** of developme- 068535
Annual cycle of mayflies (Ephemeroptera) in 070760
Detection of **biologic cycle** in development of 065731
cells at presynthetic period of **cell cycle.** 067162
aberrations in relation to **cell cycle.** [Broad- 067275
especially taking under **consideration cyclic** 065964
Development cycles & life tables of Tetrany- 070851
of photoperiodism of **development cycle** of s- 071060
radiosensitivity during **division cycle.** 067801
Relationship between non-**cyclic electron** tr- 068429
research on synchronization of **estrous cycle** 064934
levels in ewe during **estrous cycle,** & during 064960
Mid-**cycle-follicle** in bovine. 064502
Cycle of **Halarachnion** ligulatum (Woodward 066800
digestible nutrients over **lactation cycle.** 064743
Morphological changes during **life cycles** of 070796
Schum. (Diptera, Tipulidae), **life cycle** & po- 070981
II. Significance of rhizosphere in **life cycle** 069601
Mid-cycle-follicle in bovine. 064502
Adenosine 3':5'-**cyclic monophosphate** in Ch- 067710
an adenosine e':5'-**cyclic monophosphate**-de- 067711
reticulum, ruminoreticular **cycle, movements** 064554
ticks (ixodoidea). **Cycle** of **nitrogenous** excr- 070941
Nuclear cycle & terminology of spore states 067006
Oestrous cycle synchronization in Zebu catt- 065002
at different stages of **oestrous cycle.** 065032
Oestrous cycles in Ayrshire cows before & a- 065154
from fungi, 22. **Oxidative cyclisation** of hyd- 067485
An annual **plankton cycle** on Chesapeake B- 066824
activity during **reproductive cycle** in Schizo- 067634
taking under consideration **cyclic reverse** ph- 065964
of reticulum, **ruminoreticular cycle,** moveme- 064554
Salmonella cycles in foods with special refe- 063055
according to stages of their **sexual cycle.** 064531
Regulation of **sexual cycle** in cattle with chl- 065210
in cows in relation to tue **sexual cycle.** II. i- 065212
an different dosages of **cycle starters** on th 065124
Oestrous **cycle synchronization** in Zebu catt- 065002
Cyclic transmission trials of Trypanosoma of 065625

CYCLOHEXIMIDE
zones of citrus treated with **cycloheximide.** 068443
Effects of **cycloheximide** on **mitosis** in Vicia 068054
ethanol & **cycloheximide** on **translocation** p- 067665

CYCLONES
Study of **cyclone spark** extinguishers. [Trac- 071679

CYCOCEL
Reversal of **cycocel induced** inhibition of rad- 067452
of some practical uses of **cycocel plant** grow- 067797

CYLINDER
on board making in **cylinder mould** machines 066483
particle layer charged in **cylindrical vessel.** 066490

CYLINDROCARPON
Unrecorded **cylindrocarpon rot** of litchi from 069376

CYLINDROSPORIUM
of mulberry. [**Cylindrosporium maculans**]. 069412

CYNIPIDAE
rapae West. (Hymenoptera: **Cynipidae**), a p- 070520
drewseni Barries (**Hymenoptera, Cynipidae**) 071301

CYNODON
for lactating dairy cows. [**Cynodon dactylon** 064599
beef cows in East Texas. [**Cynodon dactylon** 064848
are very similar. [**Cynodon dactylon**]. 068625
performance test. [**Cynodon dactylon**]. 068796
yield, quality & utilization of **Cynodon IB.8** 068847

CYPERUS
Control of **Cyperus rotundas** L. with dichlo- 070191
on sprouting of **Cyperus rotundus** & its resp- 069997

CYPRESS
case of natural regeneration of **cypress.** [Cu- 068556
stem diseases of redcedar & **Arizona cypress** 069518
Natural populations of **cypress** in **Iran.** [Cu- 066901

CYPRINUS
of common carp (**Cyprinus carpio** L.) & Pri- 070680

CYSTADENOMA
Cystadenoma of **ovary** in a fowl. [Chickens] 065932

CYSTEINE
of reduced glutathione & **cysteine** to **frozen** 065040
Dinitrophenylation of a single **cysteine side** 064365

CYSTICERCOSIS
Occurrence of **bovine cysticercosis** in region 065743

CYSTICERCUS
saginatus & **Cysticercus bovis.** [Livestock, f- 063180
Problem of **Cysticercus bovis** (Taenia sagina- 065738
slaughterhouse in Varna. [**Cysticercus bovis**] 065743
Extensive **Cysticercus cellulosae** infection in 065508

CYSTINE
of soy milk to **correct cystine** loss resulting 063758
microbiological assays of **cystine** in **feedstuffs.** 064634

CYSTITIS
dogs with otitis & **cystitis** to **antimicrobial** 065452

CYSTS
notes on a mite-induced **dermal cyst.** 070618
Control of potato **cyst-nematode,** Heterodera 069758
Potato **cyst nematodes** in Norway: distribut- 069834
Attempts to treat **ovarial cysts** in cows with 065984
On formation of **ovary cysts** based on a co- 065964

CYTOCHEMISTRY
Electron-**cytochemical demonstration** of acid 067600
Cytochemical differentiation between ATPa- 067924
Cytochemical studies on changes in activity 064969
Cytochemical studies on glycogen contents in 065359
spermatids. III. **Cytochemical study** of prot- 064937
A **cytochemical study** of wound-healing prot- 067552

CYTOCHROMES
XV. Equilibration of **cytochromes** c549. B55 068265
cytochrome b566, & **cytochrome** c in **beef** h- 064319
Cytochrome P-450 **difference** spectra of mic- 070603
of **cytochrome** b559 & **electron** donors in ch- 068270
of **cytochrome** C from four **Hymenopteran** s- 071043
histochemical study of **cytochrome-oxidase** 064487
study of **spinach cytochrome** c. 068352

CYTOGENETIC
Cytogenetic basis of evolution of potato spec- 067357
Comparative cytogenetics of genus Lycopers- 067352
Cytogenetic effect of sodium chloride on tis- 067406
Cytogenetic effects of gamma-irradiation & 067069
Cytogenetic effects of postirradiational trea- 067070
Cytogenetic effects of Benlate fungicide on 067292
bovine blood for **cytogenetic investigation.** 065036
Argemone. I. **Cytogenetic relationships** bet- 070867
Cytogenetic study of wheat interspecific hyb- 067163
Cytogenetics of **ticks** (Acari: Ixodoidea). Ii. 070619
Cytogenetics of **Triatominae:** Caryotype, D- 071010

CYTOKININS
yield in purification of **cytokinins.** Model-e- 067755
Some remarks about **cytokinins.** [Plants]. 067839
of cytokinins in **cytokinin-autotrophic** tobac- 063777
of tobacco tissues with **cytokinin & auxins.** 067876
in Acer. Changes in **endogenous cytokinins,** 068545
rapid determination of **cytokinins** in **plant** e- 067778

CYTOLOGY
Cytological analysis of crossovers induced by 070868
Cytological basis for crossing capability of 067205
Physiology & **cytological chemistry** of blue- 067435
Comparative cytological study after prolong- 066976
of Angiospermae based on **cytological data.** 066931
Cytological & deoxyribonucleic acid-deoxyri- 063692
Cytological, embryological observations of 067058
Change of **cytological indices** of photosynth- 068074
Cytological investigation of endosperm in t- 067049
African & Malagasy species. [**Plant cytology**] 066965

CYTOPATHOLOGY
Cytopathogenic effect of Aujeszky's virus on 065699
Cytopathic effects of Leptospira serotypes p- 065389
Cytopathic effects of Ranikhet disease virus 065503

CYTOPHOTOMETRY
cytophotometric studies of vegetative apex. 066924
Cytophotometric studies on DNA contents of 067396

CYTOPLASM
of oat leaves on **cytoplasmic & chloroplast** r- 069476
of **cytoplasmic & chloroplastic** 5S RNAs in 067449
Cytoplasmic-chromosomal interactions & al- 067288
recombination of **cytoplasmic drug-resistance** 067300
Influence of **cytoplasmic effects** on some ag- 067094
in mitochondrial & **cytoplasmic fractions** of 068348
ultrastructure of a **cytoplasmically inherited** 067087
Studies on utilization on **cytoplasmic male** s- 067301
Cytoplasmic nonhemin iron porteins from n- 067842
mediterranea cell from **nucleus, cytoplasm,** 067028
of cell contents & **cytoplasm permeability** as 068536
nuclear responses to a **cytoplasmic polarity.** 066971
to their reaction upon **cytoplasmic pollen** st- 067389
Comparative study of **cytoplasm proteins** of 067719
Genes for **cytoplasmic ribosomal** ribonucleic 067333
intact chloroplast & **cytoplasmic ribosomal** 067439
incompatibility between **wheat cytoplasm &** 067370

CYTOSPORA
Spread of apple scab & **Cytospora infection** 069567

CYTOTAXONOMY
Cytotaxonomic study of genus Symphytum 066636

CYTOTOXIC
Datiscacin, a novel **cytotoxic cucurbitacin** 2 067671
Cytotoxicity of **pesticides** with their combin- 070741

DACTYLARIA
Dactylaria gallopava, a cause of avian ence- 065585

DACTYLIS
of cocksfoot & lucerne. [**Dactylis, alfalfa**]. 064064
yields & profits. [**Dactylis, Bromus**]. 062512
under isolation cages. [**Dactylis glomerata**]. 067095
in orchardgrass (**Dactylis glomerata** L.). 1. 068080
of artificial lodging of **Dactylis grasses** on its 068621

DACUS
on ecology of melon fly. [**Dacus cucurbitae**] 070428
on wingbeat frequencies of **Dacus dorsalis** 070874
of larvae of olive fruit **fly, Dacus** oleae (Dip- 070432
of females of Queensland fruit **fly, Dacus** tr- 070925
survival of Queensland fruit **fly, Dacus** tryoni 071006
Male sterilization of **Dacus oleae** to determ- 070447
Studies on spermatogenesis in **Dacus oleae** 071075

DAHLIAS
between rooting of **Dahlia cuttings** & presen- 068434
races of Verticillium **dahliae Kleb.,** a causal 069405
degree of Verticillium **dahliae Kleb.,** a causal 069406
Cotton, Verticillium **dahliae, tobacco,** Pseud- 069472
Verticillium dahliae wilt of Rosa rugosa. 069233

DAIRY
on policy of animal husbandry (beef & **dairy** 062860
of production abilities in **adult dairy** cows of 064922
New & impending legislation **affecting dairy** 063002
Fly control on livestock: **dairy, beef,** swine, 070592
Fly control on livestock: **dairy, beef,** swine, 070593
for replacement animals in **dairy cattle** bree- 062471
construction criteria for **dairy cattle** econom- 062483
proteins in subclinical mastitis. [**Dairy cattle**] 063480
On development of **dairy cattle** industry. 064145
Managing cross-bred animals. [**Dairy cattle**] 064155
analyses on quantitative traits in **dairy cattle.** 064174
064176
Rearing of young **dairy cattle** for herd impr- 064189
of Smeeni, Buzau District. [**Dairy cattle**]. 064200
Milk without motherhood. [**Dairy cattle**]. 064464
New feeding methods for **dairy cattle.** 064602
Poultry wastes can be fed to **dairy cattle,** B- 064666
on milk production & fertility. [**Dairy cattle** 064671
on grassland acreage. [**Dairy cattle**]. 064676
Studies on rearing method of **dairy cattle** in 064712
Feeding **dairy cattle** in lower Volga region. 064717
Feeding requirements for **dairy cattle.** 064823
production of quality milk, iII. [**Dairy cattle** 064846
of pasture feeding intake of **dairy cattle.** 064871
hay quality in winter feeding. [**Dairy cattle**] 064878
New Norwegian breeding plan. [**Dairy cattle**] 064994
On mating system of **dairy cattle.** I. Possibi- 065055
Dairy cattle herd improvement. 065064
Genetic improvement of **dairy cattle.** 065147
proteins in subclinical mastitis. [**Dairy cattle**] 065376
tetany during housing period of **dairy cattle** 065970
construction criteria for **dairy cattle** econom- 071428
Dairy cattle stall for 1000 cows. 071429
in reconstructing stalls for **dairy cattle** in c- 071430
Modern technology of milking. [**Dairy cattle**] 071490
superiority of stall systems in **dairy cattle** h- 071499
Unicar system for **dairy cattle.** 071607
milk quality in area of hard **cheese dairies.** 063151
of hides of young bulls of **dairy & combined** 063671
Conditioning dairy cows to eat tainted grass 064673
to Class I base plans. [**Consumption, dairy** 062622
Lewis **County dairy** farm business summary, 062406
of depreciation problem in **dairy cow** breedi- 062320
uses of food waste by-products for **dairy cow** 064609
on productivity of beef cattle & **dairy cow.** 064710
on nutritive value of urea for **dairy cow.** 064803
on productivity of beef cattle & **dairy cow.** 068691
Food utilization in lactation. [**Dairy cows**]. 064335
glucocorticoid, & progestin in **dairy cows** fr- 064428
levels in blood of normal **dairy cows.** 064482
Physiological state of **dairy cows** in connect- 064538
bermudagrass hay for lactating **dairy cows.** 064599
Conditioning **dairy cows** to eat tainted grass 064673
of high energy feeding for **dairy cows.** 064706
Response of **dairy cows** to two systems of di- 064743
supplementary feeding of **dairy cows.** 064774
A simple grazing system for **dairy cows.** 064829
quantities of roughage to **dairy cows.** 064844
of production abilities in adult **dairy cows** of 064922
of hereditary factors in **dairy cows.** 064984
of udder pathogens from culled **dairy cows.** 065615
of convenience market **dairy departments.** 062703
Scope in seventies **dairy development.** 062903
Rajasthan, **dairy development** & cattle bree- 064986
have effect of **diminishing dairy** production. 062239
On presence of nitrates in **dried dairy** by-pr- 064039
Dairy facility investments & labor economics 062536
Planning for **dairy farm** expansion. 062302
Columbia & Dutchess Counties; **dairy farm** 062405
Lewis County **dairy farm** business summary, 062406
Western Plateau Region **dairy farm** business 062408
Northern Hudson Region **dairy farm** busine- 062409
Dairy farm business summary, 1972: Northe- 062410
Western Plains Region **dairy farm** business 062411
Central Plain Region **dairy farm** business s- 062412
Compost making at a **dairy farm.** 072049
Use of fertilizer nitrogen on a **dairy farm.** 072147
Anaerobic digestion of **dairy farm** slurry. 072515
practices used by Wisconsin **dairy farmers.** 062464
of forage crops area in **dairy farming.** 062278
Successful **dairy farming** in 1970's. [New Z- 062395
Modern management of **dairy farms.** 062450
feeding on industrial-like **dairy farms.** 064604
for pastures in mountainous **dairy farms.** 068620
Feeding dairy cattle in lower Volga region. 064717
German dairy industry with variable chances 062970
Handling dairy wastes. [Manure]. 071995
of cost of production of **dairy herd.** 062520
Using D.H.I.A. [**Dairy Herd** Improvement 064123
Use of metabolic profiles in **dairy herd** man- 064956
bovine mastitis in two Israeli **dairy herds.** 065612
Agriculture & **dairy industry** in Israel. 062165
I base plans. [Consumption, **dairy industry,** 062622
Turns trends into big gains [**Dairy industry**] 062662
as factors of marketing. [**Dairy industry**]. 062723
Dairy industry in Japan. 062871
groups & non-members. [**Dairy industry**]. 062876
its significance to **dairy industry.** 062945
Norwegian **dairy industry** in 1972. 062948
Michigan **dairy industry** of 1985. 062953
German **dairy industry** with variable chances 062970
legislation affecting **dairy industry:** changes 063002
control--quality protection. [**Dairy industry**] 063071
control to management. [**Dairy industry**]. 063072
quality control. [**Dairy industry**]. 063073
legislation affecting **dairy industry:** changes 063189
use of special gelatins in **dairy industry.** 063507
Agriculture & **dairy industry** in Israel. 063511
of bacterial proteases in **dairy industry.** 063514
of acute bovine mastitis in two **Israeli dairy** 065612
coastal bermudagrass hay for **lactating dairy** 064599
Profitability of convenience **market dairy** d- 062703
Situation of **dairy market** cannot be improv- 062740
Marketing dairy products. 062760
Michigan dairy industry of 1985. 062953
methods of Clostridia. [**Milk, dairy** products 063069
for pastures in **mountainous dairy** farms. 068620
phosphate levels in blood of **normal dairy** c- 064482
Norwegian dairy industry in 1972. 062948
receiving department in a new **dairy plant.** 063534
methods of culture application in **dairy plant.** 063541
Future shock. [**Dairy plants,** cheese]. 063566
More **dairy product** promotion under milk o- 062641
have effect of diminishing **dairy production.** 062239
Pesticides & **dairy production.** [Contaminati- 063160
Increased trade with milk & **dairy products** 062648
Marketing of **dairy products** in Quebec offe- 062759
Marketing **dairy products.** 062760
methods of Clostridia. [Milk, **dairy products** 063069
of labeling on milk & **dairy products.** 063070
Examples of interpretation. [**Dairy products** 063174
Place of **dairy products** in human nutrition. 063268
Technology on milk & **dairy products.** 11. 063481
Technology on milk & **dairy products.** 15. 063482
in UHT processing. [**Dairy products**]. 063497
extended keeping quality. [**Dairy products,** 063506
Reconstituted **dairy products.** 063513
What's new in **dairy products.** 063533
Starter & its control. [**Dairy products**]. 063542
Aseptic filling of **dairy products** into deep f- 063551
drying: conservation of **dairy products.** 063560
So be it! [**Dairy products**]. 063573
Rajasthan, dairy development & cattle bree- 064986
Reconstituted dairy products. 063513
Western Plateau **Region dairy** farm business 062408
Northern Hudson **Region dairy** farm busine- 062409
Western Plains **Region dairy** farm business 062411
Central Plain **Region dairy** farm business s- 062412
Scope in **seventies dairy** development. 062903
1971 texas **dairy statistics.** 062805
Successful dairy farming in 1970's. [New Z- 062395
1971 **texas dairy** statistics. 062805
I. Possibility of inbreeding in **Tokachi dairy** 065055
to reproduction of cow stocks in **dairy units** 065116
hoof damages when starting new **dairy units** 066046
Dairy waste management systems. 072554
waste-water treatment. [**Dairy waste**]. 072606
Handling **dairy wastes.** [Manure]. 071995
practices used by **Wisconsin dairy** farmers. 062464
Rearing of **young dairy** cattle for herd impr- 064189

DAIRYING
support prices can create chaos in **dairying.** 062679
Improvment of **dairying** in South **Pacific.** 063569

DALAPON
paraquat & **dalapon** on old **permanent** pastu- 070042

DALBULUS
of maize (Zea mays) by **Dalbulus maidis.** 069610

DAMPING
environmental influence to "**damping-off**" di- 069383
oxydase enzymer in **damping-off phase** of t- 069333
thiadizole) in controlling **Pythium damping** 069332

DAMSELFLIES
Predation by **damselfly naiads** on cladoceran 070815

DANAIDAE
Australia & from Sierra Leone (**Danaidae**). 070955

DATA
Additional data for linkage group X of Ger- 070914
Age data on phagocytic activity of leukocyt- 064504
Data to **antibiotic** (inhibitor substance) con- 063134
Automated data processing in cost accounti- 062400
Input-out study Vol. II. **Basic data** & survey 062212
Climatic data for year 1970 of altitude met- 062161
drainage monitoring--direct **data compilation** 072422
New **data concerning** flora of Cuba. 066642
Some **data** on **control** & management of rear- 062451
of Angiospermae based on **cytological data.** 066931
for field drainage monitoring--**direct data** c- 072422
of fertility rate by means of **electronic data** 065130
unit cost accounting with **electronic data** pr- 066182
Wood drying controlled by **electronic data** p- 066466
Use of soil **evaluation data** related to effecti- 062267
Data & evaluation of composition & quality 064019
statistical processing of **experimental data** w- 071922
New **data** on **flora** of Vladimir Region. 066745
hybrid. II. **Data** for **generalization.** [Plants] 067077
Guide & **data** for **greenhouse** air conditioning 071468
Growth data for 29 years from California el- 066212
Some **data** on **histoarchitectonics** of spinal c- 064270
Experienced gaines with an **industrial data** 063586
Some **data** on **interferons.** 065753
evaluation of diagnostic **laboratory data.** 065458
New **data** on **leukosis** complex in cattle & its 065485
Microscopical data on content & distribution 067587
vasinfectum] wilt-root-knot **nematode data** f- 067115
Data on **nutrition** of Salmonidae. 064722
Automated **data processing** in cost accounti- 062400
A method of **data processing** for food-consu- 063271
Data processing in optimal feed rationing for 064723
rate by means of electronic **data processing** 065130
Data processing equipment in forest manag- 066179
accounting with electronic **data processing.** 066182
controlled by electronic **data processing** equ- 066466
Punchcard model for **processing data** on spe- 066893
Data on **properties** of deposited snow obser- 072459
Models for classification of **quantitative data** 066859
Use of soil evaluation **data related** to effecti- 062267
number & type of **data** on **resemblance** struc- 066858
of programs for treatment of **data** on **salinity.** 072442
of statistical processing of **data** on **seed** pro- 067818
Use of comparative amino acid **sequence data** 067789
Statistical data of fruit, vegetable, & berry 062818
of trend in range condition from 3-**step data** 068849
Ecological inventory & **data storage**-retrieval 066899
gaines with an industrial **data system.** [Meat 063586
Summary of soil **test data** & fertilizer & lime 071994
Data from **Ultuna** Branch Station of Swedi- 068838
peasant farms; based on **data** from **Warsaw** 064082
for processing historic fire **weather data** for 066145

DATING
Methods & **application dates** for Linuron on 070149
of nitrogen fertilizer **application dates** & me- 072069
potassium fertilizer **application dates.** 072120
Effect of **different dates** of injection an diffe- 065124
Influence of plant spacing & **date** of **harvest** 068361
wheat grain in relation to **harvesting dates** 068708
Effect of **harvesting dates** for winter wheat 068845
Earlier **harvesting date** for late varieties of 069100
Remarks on **date** of **insemination** of cows af- 065073
serum in sheep of various **lambing dates.** 064527
of apple trees relative to **dates & methods** of 068377
A note on **optimum dates** of sowing of olitor- 068734
Effects of **planting dates** & seeding rates on 068728
of winter wheat grain & **planting date** & fert- 068750
Planting dates & planting density of sunflo- 068832
Influence of **planting date** on guar producti- 068844
Effect of **planting dates** on yield capacity of 068857
control of **pregnancy dates** in cows. 065160
Pruning dates for fruiting plum trees. 069143
Up-to-**date quick** freezers & freeze-storage. 063603
On relations between **date & result** of cattle 065119
of extremely early & early **ripening dates.** 069175
Relation between **date** of **sowing** & incidence 069640
On content of amino acids in **date syrup** fr- 063988

DATISCA
acetate from **Datisca glomerata.** 067671

DATURA
in drug plants. [Atropa **beladonna, Datura** s- 067712
in vegetative organs of **Datura innoxia** Mill 067395
On tissue culture of **Datura innoxia** Mill. & 067805
alternata] blight of **Datura innoxia** Mill. 069377
in callus tissue of **Datura stramonium.** 069659
in tissue culture of **Datura stramonium.** 069665

DAUCUS
in discs of carrot root (**Daucus carota** L.). 066991

DDT
baitex, carbophos & **DDT** for **adult** mosquit- 070626
Studies on **carbaryl, DDT** & endosulfan resi- 070450
Changes in metabolism of **DDT deposited** in 070740
Accumulation of **DDT** from **food** & from wa- 070731
A new **DDT-free** insecticide for Colorado be- 070484
DDT-induced chromosomal damage in mice. 070708
translocation of Bhc & **DDT insecticides** fr- 070352
Detection of resistance **ot DDT** in Anopheles 070627
Levels of **DDT & PCB** compounds in North 070683
DDT replacements in control of leaf-gnawing 070544
Genetic analysis of **DDT resistance** in house- 070654
Inheritance of **DDT resistance** in species A 070656
of vivax malaria. [Anopheles **sacharovi, DDT,** 070655
An inquiry into **total DDT** & HCH [benzene 063209

DEACTIVATION
nitrophenols on **deactivation reactions** in wa- 068271

DEAMINASE
Polymorphism of **adenosine deaminase** (ADA 064296
properties of **threonine deaminase.** 067631

DEATH
Parenchyma **cell death** & Diplodia maydis s- 069517
Impact of **death duties** on rural industries in 062482
on process of **hypersensitive death** of a pota- 069464
Mass death of geese caused by Erysipelothr- 065470
Post **mortem picture** of muscle degeneration 065960
Parasitism & **death rate** in Malagasy calves: 065624

DEBARKING
Compression debarking of wood chips. 066554

DEBRIS
Need to **burn debris?** Burn within law. 066367

DECARBOXYLASES
dopa) **decarboxylase activity** in arthropod n- 070772

DECARBOXYLATION
between **decarboxylation** of **glutamic** acid & 067964

DECAY
of Scytalidium isolates **against decay** fungi. 069473
Freezing decayed wood to facilitate ring co- 066305
Some **observations** on **decay** of P[phosphorus 070372
Decay of **residues** of vegetation, & of pure c- 069987
Succession of fungi on **decaying Setaria** glau- 069243
of Fomes applanatus. [heartrot, **wood decay**] 066519

DECIDUOUS
Influence of ozone on **deciduous forest** tree 066156
program for home gardens: **deciduous trees,** 069918

DECODING
Decoding insect messages. [Sex pheromones 070274

DECOLORIZATION
Thin **juice decolorization.** [Sugar manufactu- 063867

DECOMPOSITION
Cellulose decomposition in forest litter of s- 066362
of 1-6-C14 [carbonn-**clucose decomposition** 071826
of soil on **decomposition & conservation** of n- 072108
on rate of **decomposition** of DNOC [dinittr- 069999
this irksome straw![**Decomposition, humus**] 072149
Fungal flora & rate of **decomposition** of **leaf** 071760
of **nonvolatile decomposition** products of tril- 063384
Studies on **decomposition** of **raffinose** by al- 067660
in photosystem II & **water decomposition** in 067445

DECOMPRESSION
torsion in dog. **Gastric decompression** by ga- 065258

DEER
Diets of **elk, deer,** & cattle near Fort Garla- 064665

DEFENSE
membrane in chicken egg in **defense against** 065478
distribution, damage, & **defense against** them 069834
VI. Correlation between **defensive behaviour** 064985
In **defense** of **Chodatella** balatonica Scherffel 066640

DEFICIENCY
in chick in relation to vitamin E **deficiency.** 066005
radiation-induced amino **acid deficient** muta- 069352
sown pasture on a sulphur **deficient basaltic** 071997
Effect of a protein-**deficient diet** on certain 064785
Vitamin H **deficiency** in **feeds.** [Swine]. 065925
Studies on **manganese deficiency** in citrus. 069831
Making up for vitamin-**mineral deficiency** in 065991
induced amino acid **deficient mutants** of Fus- 069352
a consequence of **nitrogen deficiency.** 067572
susceptibility induced by **nutrient deficiency** 069396
fowls produced by **nutritional deficiency.** 064283
Effects of **phosphorus deficiency** on water c- 067729
Effects of **potassium deficiency** on photosyn- 068113
Physiological effect of **protein deficiency** wi- 063277
measures on closing of **protein deficiency.** [064779
Effect of a **protein-deficient** diet on certain 064785
states in thiamin-**deficient rats.** [Human nut- 063254
development of vitamin E **deficiency** in **rats** 064659
Vitamin B1 **deficiency** in **ruminants.** 065959
livestock related to **selenium deficiency**--the- 065928
of sown pasture on a **sulphur deficient** basal- 071997
phosphorylation states in **thiamin-deficient** 063254
concentration in rat hair in **zinc deficiency** 066010
Experimental **zinc deficiency** in weanling pi- 066323
synthesis at early stages of **zinc deficiency** in 067986
a counter measure to prevent **zinc deficiency** 070388

DEFICITS
How is energy **deficit eliminated** after calvi- 064876
chloroplasts of pea with **iron deficit.** 068328
of plants under conditions of **oxygen deficit** 067404
of plant & D.P.D. [diffusion **pressure deficit** 067397
Free proline & **water deficit** in plant tissues 067586

DEFOLIANTS
of phosphoorganic **defoliant butyphos** into c- 068001
Effect of **defoliants** on two **phases** of process 067881

DEFOLIATION
Forest **defoliations create** public issues. [Po- 070554
spruce budworm & **predicting defoliation** on 070563
on **defoliation** of two **strawberry** cultivars at 068976
Effect of **defoliation time** on acclimation & 068238

DEFORMATION
of ionizing irradiation on **bone deformations** 066025
Effect of **deformed shanks,** prebored lead ho- 066550
plants. II. Effects of **deformation** of **xylem** 068102

DEFORMITIES
Durand). XIV. **Limb deformities** produced by 066044
graft for correction of **radiocarpal deformity** 065219

DEGENERATION
Post mortem picture of **muscle degeneration** 065960
Some **degeneration studies** in important pot- 069828

DEGRADATION
temperature, time & **adsorbate degradation** 070231
dehydrogenation & side-**chain degradation** e- 067421
Degradation of 2-**chloro**-3-(4-chlorophenyl) 070000
Degradation of **lignin** with metallic sodium 066491
pathway for **nonphosphorylated degradation** 067633
Degradation of **phosphonates.** II. influence 068093
of sulfamic acid on **degradation** of **pulp** by h- 066482
Degradation of **ribosomal** RNA during chic- 064324
components from **thermally degraded** thiam- 063387
in relation to **degradation** of **tobacco** mosaic 069634
Degradation of **triforine** in selected crops. [069341
In **vitro degradation** of starch. Studies by tr- 063442

DEHYDRATION
of strawberry leaves during **dehydration.** 068340
non-enzymic browning of **dehydrated carrot** 063964
foods by azeotrop-**mixture dehydration.** 063336
of micro-organisms from **dehydrated onion.** 063966
Lipid metabolism in **dehydrating peanut** ker- 068101

DEHYDROGENASES
Polyol **dehydrogenase activities** of yeasts in 067661
oxygen uptakes & **dehydrogenase activities** 071836
content & lactate **dehydrogenase activity** in 063635
phosphate **dehydrogenase activity.** [Poultry 063681
oxidase & succinic-**dehydrogenase activity** in 064487
dependent glucose **dehydrogenase activity** in 067630
of **dehydrogenases** of **Corynebacterium** mich- 069596
nucleotide-dependent **glucose dehydrogenase** 067630
of sythesis of **glutamate dehydrogenase** in e- 068286
properties of **glutamate dehydrogenase** from 068319
multiple forms of **glutamic dehydrogenase** in 068131
specific **glutamic dehydrogenase** in shoots of 068463
of changes ofmalic **dehydrogenase isozyme** 067796
NADH2 content & **lactate dehydrogenase** a- 063635
Properties of **lactate dehydrogenase** (LDH) 071070
phosphate] **malate dehydrogenase** by lipoate 068460
Malate dehydrogenase of Drosophila melan- 071056
glucose-6-phosphate **dehydrogenase, malic** e- 064437
Kinetics of changes **ofmalic dehydrogenase** i- 067796
glyceraldehyde-3-**phosphate dehydrogenase** 063681
hepatic glucose-6-**phosphate dehydrogenase,** 064437
glyceraldehyde-3-**phosphate dehydrogenase** 068095
each of glucose-6-**phosphate dehydrogenase** 068257
glyceraldehyde-3-**phosphate dehydrogenase** 068430
phosphogluconate dehydrogenase in spinach 068257
Polyol dehydrogenase activities of yeasts in 067661
oxidase & **succinic-dehydrogenase** activity in 064487

DEHYDROGENATION
Distribution of **steroid 1-dehydrogenation &** 067421

DELPHINIUM
Alkaloids of **Delphinium grandiflorum.** 067535

DEMATIACEAE
Dianthus **caryophyllus, Phialophora** cineres- 069545
between parasitic **Fusicladium dendriticum** 069411
control of Botrytis & **Cladosporium leaf** mo- 069458

DEMINERALIZATION
Demineralization of **untreated** cottage cheese 063524

DEMOCRACY
Economic democracy & its significance to da- 062945

DEMOGRAPHY
Demography of **gregariously** roosting popula- 071166

DENATURATION
Denaturation & autolysis of protease from 067785
sensitivity to **thermal denaturation** during 064347

DENDROCTONUS
Pinus **contorta, Dendroctonus** ponderosae]. 068516
Fighting Dendroctonus in Picea. 070546
pine estimates. [**Dendroctonus ponderosae,** 066271
pine estimates. [**Dendroctonus ponderosae,** 070549
epithelium. [**Dendroctonus pseudotsuagae**]. 070921

DENITRIFICATION
Studies of **denitrification characteristics** of 071717

DENS
of grape berry moth (Lobesia **botrana Den.** 070420

DENSITY
of potato stands in relation to their **density.** 069154
of mineral fertilizers & **different densities.** 068185
in solutions of various **electron densities.** 069653
biological materials--a **density function** for s- 063293
Green density sampling in sawlog scaling. 066200
Forskal) raised in isolated & **dense groups.** 070769
from pig & human **high density** lipoproteins 064421
of pollination method on **high density** plant 068418
methods on yield & quality in **high density** 068573
Relationship of **larval density** to uric acid c- 070312
Density limits in poultry production. 064141
L.). 1. Relation between **plant density** & till- 068080
Planting dates & **planting density** of sunflo- 068832
criteria for evaluation of **population density** 070959
Effect of **soil density** on germination of seeds 068193
Effect of **stand density** on sugar beet yield. 068868
methods of drying on fine **structure, density,** 063693
Effect of age on **density variation** within one 066980
A note on variation in **wood density** in some 066338
Dependence of viscosity & **density** of **worts** 063313

DEOXYRIBONUCLEIC
genome size & base composition of **DNA.** 065524
deoxyribonucleic **acid-deoxyribonucleic** acid 063692
Deoxyribonucleic acid-dependent ribonucleic 070899
of Triatominae: **Caryotype, DNA** content, n- 071010
quickly hybridizable with **cellular DNA** & a- 065428
Cytophotometric studies on **DNA contents** of 067396
RNA, transfer RNA & **DNA contents** in sty- 067916
dietary protein level effects on **DNA, RNA** 064414
DNA synthesis during development of adve- 066935
DNA synthesis in rye chromosomes. 068014
Quantitative estimation of **DNA** in **tissues** of 070938

DEPLETION
Patterns of soil **mositure depletion** in a mix- 066328
Vitamin C **depletion** & in **vitro** uptake & or- 063253

DEPRECIATION
aspects of **depreciation problem** in dairy cow 062320

DEPRESSION
research on "syrt" **depression** of **Saratov** R- 072268
alluvial soils from **Subcarpathian depression** 071933

DEPRESSORS
of an elevator & a **depressor motoneuron** of 070902

DEPRIVATION
Experimental infection of **colostrum-deprived,** 065899
food-satiation & food-**deprivation conditions** 064248
fungi in nutrient-**deprived conditions.** 069496
by maternal dietary **protein deprivation.** 064371

DERIVATIVES
Derivatives of N-(Pyrid-2-yl)thiourea as ro- 068092
Effect of benzimidazole & **certain derivatives** 071064
algal & sedimentary **chlorophyll derivatives** 067474
senemorin, new **furoeremophilane derivatives** 067544
Filed performance of **glyphosate derivatives** 070095
Schreb. (2n=42) **hybrid derivatives.** 067148
of benzene & **nitrobenzene derivatives** & of 069386
to bind some **derivatives** of **phenoxyacetic** ac- 068004
of bovine PPD [purified **protein derivative**] 065408
aestivum "agent" **derivatives** for **reaction** to 067109
Naturally occuring **terpene derivatives.** XXII 067487
Antiviral effect of thiourea & **urea derivativ-s** 065896
Vanillin derivatives from a copper peat. 071761

DERMACENTOR
SEE IXODIDAE

DERMAPTERA
Dermaptera. 071140
New discovery of earwigs (**Dermaptera**) in 071260
Blattodea, & **Dermaptera** in **Muszkowicki** F- 071283

DERMATITIS
On treatment of **contagious dermatitis** (bovi- 065429

DERMATOLOGY
notes on a mite-induced **dermal cyst.** 070618

DERMATOPHYTA
of a trapping trial of **telluric dermatophytes** 065647

DERMESTIDAE
species (Coleoptera: **Dermestidae**). II. Histo- 070574
beetles Trogoderma granarium (**Dermestidae**) 070774
species (Coleoptera: **Dermestidae**) i. General 070788

DESALINATION
Certain methods of **desalting syrups** designed 063790

DESATURATION
Desaturation of **oleyl** phospholipid to linole- 067635

DESERTS
groupings of Acrididae in semi-**desert alpine** 070975
emphasis on American **amphitropical desert** 066851
of Karajul sheep under **desert conditions.** 064231
Science & **desert control.** [Reclamation]. 072278
decay of P[phosphorus]-32 in **desert locust-** 070372
Nearctic desert sand dune Orthoptera. XIV. 071195
of biogeocenologic study of **sandy-desert** ter- 066873
decomposition by microflora of **desert soils.** 071826
California's **desert wild** flowers. 066675

DESICCANTS
Formic acid as a **desiccant** for **grass** leaves. 064065

DESICCATION
bibliography on **desiccation** to **assist** sugar c- 068649
Desiccation & one-**stage** harvesting of red cl- 068792

DESMIDIACEAE
Desmidiaceae from **southeastern** United Sta- 066766

DESMODIUM
Drechslera siccans & **Drechslera catenaria.** 069311

DESORPTION
II. Adsorption & **desorption equilibria** in aq- 070232
adsorption & **desorption** of **pesticides** in soils 070679
sorption isotherms & **phosphate desorption.** 071766

DESSERTS
Studies on organization of **dessert apple** har- 063881
leaf-nutrient composition of **dessert apples.** 068974

DETECTION
of florisil tubes in **detection** of **aflatoxin.** [C- 063752
fixation tests for **detection** of **antibodies** in 065445
preliminary proposal for **detection** of **barley** 069532
An improved trap to **detect beetles** (Coleop- 070572
Detection of **biologic** cycle in development of 065731
agglutination test for **detection** of **bovine** tr- 065883
Biological & **chemical detection** of trichothe- 067422
contribution to studies **concerning detection** 063819
Detection of **coumestrol** in sperm of rabbits 064588
Detection of **developmental** stages of Eimer- 065374
antibody technique for **detecting Dirofilaria** 065391
A method for **early detection** of irradiated p- 068349
A new method for **detection** & **enumeration** 071908
of extraction for **detection** & **estimation** of a- 063113
Detecting & **evaluating** air pollution damage 066158
Methods to **detect extent** of starch enzymol- 063695
model for **detection** of **facsiolicidal** activity of 065532
detection of alpha-**galactosidases** in seeds of 068081
Methods to **detect heat** in cattle. 065135
Principles of **detection** & **identification** of st- 069454
Factors **influencing detection** of Salmonellae 063033
var. calidolactis in **detection** of **inhibitor** sub- 063582
Detection of **lead** in wines with aid of Arsaz- 064025
study of serological **detection methods.** [Sta- 063054
Detection of 2-**methoxy**-3,6-dichlorobenzoic 070162
Detection of **mycoviruses** using antiserum s- 069714
depositing algae & **detection** of **organic** calc- 067623
antibodies in **detection** of **pulorosis** in hens 065888
Detection of **resistance** ot DDT in Anopheles 070627
comparative study of **serological detection** 063054
Usability of **detection tubes** Co2-type 1. 071505
On problem of **detecting viral** infection in l- 070964
Detection of **viruses** M & S with aid of a te- 069733

DETERGENTS
Disinfectant detergents for application in fo- 063043
water hardness, & **detergents** on **flame** retar- 063197

DETERIORATION
acid for **estimating deterioration** in powdered 063190
Fat deterioration of lean & fatty canned beef 063674
of main kinds of **deterioration** in **fats.** 063456
Influence of **fitness deterioration** on selecti- 070764
Lipid deterioration in stored seeds of Brassi- 064037
symposium on **deterioration** of **lipids,** Gdansk 063455
Deterioration of **lipids**--its influence on tech- 063457
Infection & **deterioration** of **Picea** root wood 069313
during refining & **deterioration** of **rapeseed** 063859

DEVALUATION
Dollar devaluation & citrus industry. 062492

DEVELOPING
production under contract is **developing.** 062340
transaldolase in **developing brain.** [Chick e- 064526
tissue components in **developing chick** aorta 064275
Developing countries & United States agric- 062765
marketing in **developing countries.** 062786
marketing systems in **developing countries.** 062787
urban milk supply in **developing countries.** 062789
marketing in **developing countries.** 1. 062792
Tractor for **developing countries.** 071611
Cooperation of USSR & **developing countri-s** 072473
Effectiveness of **developing irrigated** lands on 062527
imported 14C [carbon] in **developing leaves** 068582
incentive for **developing manufacture** of wine 062595
during transport into **developing oocyte** of c- 064323
Developing recipes for feed mixes for baby 064836
Prospective plan for **developing scientific** re- 067248
barley & oat plants on **developing seedlings** 068071
Problems in **developing a single** methodology 062398
Recent results in **developing straw** pelletisat- 064677
Effectiveness of **developing sugar** beet cultu- 062454
acid related substances in **developing sugar** 068082
Structures & **developing technology** of tract- 071551
Developing theory of soil tillage in recent y- 072319

DEVELOPMENT
for Economic Co-operation & **Development.** 062686
Fish marketing systems & their **development:** 062790
of multilateral food aid for **development.** 062934
with variable chances for **development.** 062970
through research & **development.** 062999
heterogeneity of hemoglobin in **development** 064448
germ resources--origin & **development.** 065060
Bohemian region (growth & **development**). 065089
in Finland, 1964-70, & their **development,** 1 066197
depending on plant growth & **development.** 067893
apical meristem on patterns of **development.** 068013
Napier, in different stages of **development.** 068158
segetum Schiff. in stages of its **development** 070963
for Economic Co-operation & **Development** 071669
Development of **activities** of some enzymes 068391
Development & **actual** state of professional 066080
of Overseas **Development Administration.** [062298
synthesis during **development** of **adventive** 066935
Agricultural **Development Advisory** Service 062159
Watermelon root **development affected** by d- 069815
Factors **affecting development** of parasite in 065526
Development & **aging** in Helianthus annuus 068013
Agricultural Development Advisory Service 062159
land on level of **development** of **agricultural** 062249
future of entire **agricultural development** in 062638
Agricultural development & Central Americ- 062717
Marketing & **agricultural development.** 062784
Development of **agricultural** production in 062839
a model of applied **agricultural development** 062921
Agricultural development policy as shown by 062923
State & **development** of **agricultural** product- 062924
of level of **agricultural development** of mem- 062951
aspects of **agricultural development** of Lodz 062974
Agricultural development of eroded sloped l- 072275
Gypsum--it's use in **agricultural development** 072304
of cooperatives in **development** of **agriculture** 062269
Strategy for **agriculture development** in "se- 062900
of planning in **development** of **agriculture** & 062919
Basic trends in **development** of **agriculture** a- 062926
problems in **development** of **agriculture** in V- 062929
outlook for **development** of **agriculture** in M- 062950
Morphology & **development** of a new **alga,** 067017
insurance in status & **development** of **animal** 062457
as a factor of **development** of **animal** produc- 065052
equations: their **development** & **application.** 066313
Development, assessment & seed transmissi- 069257
Development of **Austrian** agriculture 1971-1 062842
possibilities of **development** of **Austrian** veg- 068915
fertility, viability & **development** of **baby** pi- 065187
its use in malting **barley development.** 063775
in different phases of **development** in **barley** 067174
kinetin on growth & **development** of **barley** 068047
Some features of **body development** & formi- 064546
of growth & **development** in **Bombyx** mori. 071397
*** 071399
Energetics in **development** of **Bombyx** mori. 071407
of grape berries on **development** of **Botrytis** 069572
History of **development** of **cell** net of Leske- 067013
Cellular development of adipose tissues. [An- 064481
Research & **Development Center**]. 062197
Development of **cereals** & animal production 062985
growth & **development** of a **Chaetophorales,** 067739
of spermine on early **chick development.** II. 064375
Chloroplast development in etiolated peas: 068547
growth & **development** of **Chrysanthemum** f- 069038
rations upon **development** of **ciliates** in rum- 064905
Development of a **collar** protectant dressing 069539
as a method in **development** of **Colombian** a- 068374
acid] & sevin on **composition, development,** 068364
Metch.) Sor. **development** under **conditions** 067694
thinnings on **development** of **cove** & mixed 066405
conclusions for **development** of **cropping** pat- 062355
Development of **cultivated** pastures in soddy 068757
Development of **cultivated** irrigated pastures 072385
Development of **cultured** pastures on flood-l- 072388

of photoperiodism of **development cycle** of s- 071060
Development cycles & life tables of Tetrany- 070851
Scope in seventies **dairy development.** 062903
On **development** of **dairy** cattle industry. 064145
Rajasthan, **dairy development** & cattle bree- 064986
Development of **demand** in market structure 062653
Prospects for **development** of **Department** of 063427
some aspects of **development** of **dichlobenil** 070135
stages of **development** & in **different** physiol- 068021
control of **development** in **different** geograph- 071103
Study on **development** of **Dirofilaria** immitis 070665
special references to **dormancy development** 071098
Development & **dry** matter production of gr- 067899
Effect of progesterone on **early development** 064979
technologies. [India, **economic development**] 062274
Land market & **economic development;** a ca- 062300
trade during **economic development** process 062767
agriculture in India's **economic development** 062901
of insufficient **economic development.** 066505
Basic trends in **effective development** of irri- 072401
Megasporogenesis & **development** of **embryo** 067019
Embryonic development in two species of C- 070944
on post **embryonic development** & reproduct- 071052
Development of **endosper,** embryo & seed c- 067607
on **development** of **entomopathogenic** fungus 067695
discussion on "**development** & **environment**" 072599
Trends in **development** of **equipment** for pla- 071619
prospects for **development** of **experimental** 067184
Development of an **experimental** granular h- 070142
Trends of **development** of **farm** transport. [071572
self-help" in **development** of **farming.** 062422
Studies on **development** of **Fasciola** hepatica 065473
preconditions **favouring development** of ecol- 066869
Development in **feeding** & care of breeding 064763
Tetranychidae). I. **Development** of **female** g- 070301
chemosterilants on **development** & **fertility** 070598
of growth & **development** of **Festuca** rubra L 068068
Development & **fine** structure of ascus apex 067011
dynamics of its **development** in **finewooled** s- 065189
rotatorium. 1. **Development** of **flagellate** in 070616
On **development** of **flexible** PVC drainpipes 071640
Floral development of Potamogeton densus. 066958
of temperature on **development** of **flower** bu- 068368
Forecasting development of cattle production 062935
Forecasting development of extensive electri- 071461
Forecasting development of land reclamation 072288
sectoral linkages of **forest development.** 066234
on annual cycle of **development** of **forest** tre- 068535
Forestry development by a bauxite mining c- 066322
Structure & **development** of a **form** of Dino- 066765
Effect of stage of **frond development** on abs- 069953
light conditions on **development** & **frost** resi- 068072
Specialization in **development** of **fruit** produ- 063005
Development of **fruit** production in Soviet 069019
Some new trends in **development** of **furniture** 066428
tasks of science in **further development** of a- 063000
Further development towards a tyre rubber. 063421
ideas on its **further development.** 065120
Veterinary problems in **further development** 065274
Further development & integration of progr- 066183
of introduction & **further development** of in- 066280
with regard to **further development.** 068911
Volga region & means of **further developme-t.** 072402
Future development of mushroom production 062975
Development & **future** production of dietetic 063303
of forests in economy & **future development** 066230
Thoughts on **future development** of Entomol- 070839
agricultural engineers in **future development** 071434
Future development of controlling systems of 071547
farm tractors as well as **future development** 071582
VI. Structure & **development** of **gametophyte** 067037
Biology of **development** of **generative** rose b- 067009
Structure & **development** of a **genetic** tumour 067027
mixtures on **development** of some **glasshouse** 068462
of temperature on **development** of **grapevine** 068235
report on **development** of a **greenhouse** leaf 071647
Development of **gullies** on plains of Turgai. 072262
Development of **Havel** fruit-growing area in- 069022
growth & **development** of a **hymenopterous** 070841
welfare of weak. [Rural **development, India**] 062894
Development of **industrial** poultry production 064150
stocks through **development** of **industry**-like 064216
Development of an **insect**-resistant cotton b- 070590
incorporation during **development** of **insects.** 070887
scientist in **international development.** 063284
On **development** of non-**irrigated** grape cult- 069170
area in relation to **irrigation development.** 072399
Development & use of a **laboratory** sausage 063616
growth & **development** under **laboratory** rea- 070896
of anthelmintics on **development** of **lambs** af- 065739
Inhibition of **development** of **larvae** of olive 070432
Growth & **development** of **larvae** of granary 070781
Oviposition & **larval development** of Hylem- 070476
Latest development of beef cattle & swine h- 064115
Growth & **development** of **Lebedin** crosses w- 065165
RNA during chicken **lens development.** 064324
Growth & **development** of **Leucothoe** [cates- 068369
Problem of **development** of **livestock** produc- 064169
programmes for **development** & **maintenance** 071997
regulation of **development** of **mammary** gland 064380
directions for **development** & **management** of 066276
Incaparina: **market development** of a protein 062772
planning of **market development.** Critical r- 062785
pathogenicity & **development** of **Mattesia** tr- 070935
mixes in accelerated **meadow development** of 068862
action on **mechanical development** of wheat 063759
Development of **Meloidogyne** hapla in pean- 069874
Development of **methods** for registration & 070959
Development of **metribuzin** in United Kingd- 069963
Study of **development** of **microbiological** qua- 063177
Development of **milk** production & purchasi- 062726
Development of **mitochondrial** & contractile 070920
of temperature on **development** of **moth** gra- 070965
Origin & **development** of **mustard** (Sinapsis 066927
on root & **mycorrhiza development.** [Picea] 068605
Fetal & **neonatal development** of Sinclair (s- 064371
Development of a **normal** tobacco plant from 068106
Gradual evolution & **development** of **ocean** l- 066516
of water **development operations**--reaction. 072437
Studies on pattern of **organ development** in 066995
Resources Divison of **Overseas Development** 062298
Evaluation of **personality development** of le- 062323
Problems of **development** of **pig** population 064170
facultative rest in **development** of **Pissodes** 071053
Development plan for viticulture is necessary 069198
Development of **planktonic** organisms of an 066828
Development of **plant** protection research in 069855
of growth & **development** in **plants** & insects 067824
Development of **plywood** production from vi- 066427
of applied agricultural **development policy** in 062921
Agricultural **development policy** as shown by 062923
Monad **pollen development:** nuclear respons- 066971
Population development of Acarus siro rear- 070582
content during **postembryonic development** 070793
Development of **potato** stands in relation to 069154
Poultry development prospects & programm- 062892
on **development** of two **predatory** bugs, Podi- 071083
Prenatal development of muscle fiber types 064479
reallocation of land: **development, present** s- 062293
trade during economic **development process** 062767
Analysis of **production development** & of fac- 063676
in rural **development programmes.** 062166
Development projets & environmental disru- 072551
of trace elements on **development** of **proso** 067696
Poultry **development prospects** & programm- 062892
Floral initiation & **development** in **Punica** g- 068306
Recent development of milk products in Cz- 063559
Syndicalism & **development** of **relations** of 062385
Development of **relationship** between forest- 066135
wheels" an aid for **research, development** & 070046
dependence of growth & **development** of **rice** 067951
kinds of food on **development** of **rice** moth 070576
Watermelon **root development** affected by d- 069815
communication in **rural development** progr- 062166
in Iran & its role in **rural development.** 062263
welfare of weak. [**Rural development,** India] 062894
a better tomorrow. [**Rural development**]. 062895
Rural development--a cooperative effort. [P- 062998
run research needs in **rural development.** 063004
fruit set, & embryo **sac development** in Itali- 068247
State of **science development** in Philippines 062214
Development of **scientific** research & extens- 062928
About **development** of **screw** feeders. 071627
Structure & **seasonal development** of second- 066939
Development of **Seberian** Institute of Mech- 071496
ponderosa pine **seedling development.** 068594
VCS-438) for **development** as a **selective** he- 070055
Development of a **set** of upland cotton lines 067115
region of oviduct & **development** of **shell** of 064477
regulator sprays on **shoot development** of a- 068226
Photoperiodic effects on **shoot development** 068229
Development of **shoots** of certain species of 067701
Structure & **development** of **sieve** areas in l- 067024
its **development** in **Simulium** ornatum (Mei- 065526
its **development** in **Simulium** ornatum (Mei- 065527
its **development** in **Simulium** ornatum (Mei- 070611
its **development** in **Simulium** ornatum (Mei- 070612
Simultaneous development of animal produc- 064072
Development of **skeleton** of extremities in g- 064467
Development of **slaughter** cattle production 064164
Development of **slaughter** cattle breeding in 064168
trends in **development** & **socialeconomic** asp- 063283
Biology Department & **development** of **soil** 071937
of USSR: 50 years of **development** in **Soviet** 063010
A new stage in **development** of **Soviet** veget- 069017
Structure & **development** of **sugar** beet cano- 068094
basic direction of **technical development** of 068922
Trends in **development** of **technical** methods 071622
Development of **technique** for weighing fruits 063917
Some new paths in **development** of **theory** of 067399
on **development** of **Thomasiniana** theobaldi 070475
Further **development towards** a tyre rubber. 063421
cycle in **development** of **Toxoplasma** organi- 065731
Dynamics of **development** of **tree** stands in 066091
Growth & **development** of **trees** on a slag d- 066380
Present status & **development trends** of veg- 062713
Current state of & **development trends** in ar- 065070
Present status & **development trends** of agri- 071540
Development trends in waste water techniq- 072577
for growth & **development** of **Trichogramma** 070351
at early phases of **development** of **Triticum** 067974
Farmers' opinions on **development** of **various** 062447
natural trends in **development** of **vegetation** 066876
formation & their **development** in **veneer** cu- 066565
of orotic acid on **development** of **vitamin** E 064659
Development of **water** resources: a guarantee 072393
Multiple authorization of **water development** 072437
Watercore development in apple fruits as re- 068251
is necessary for **development** of **whole** count- 062972
On growth & **development** of **winter** wheat 068199
Development of **young** wine. 064033
Growth & **development** of **young** Lebedin ca- 064897
development in New **Zealand.** 062296

DEW

God **bless dew** & rain water. [Orchids, cultu- 068938

DEXTRAN

Diaethylaminoaethyl-dextran as an adjuvant 065377
of their fractions oblained on **dextran gels.** 071864
Use of **dextran-40 gradients** for separation of 068457
of newborn piglets & effect of **iron dextran** 064334
on synthesis of **dextran sucrase.** 063809

DIACYL

stability of some **diacyl triglycerides.** [Oils, 063478

DIAGNOSIS

A case of **allergic diagnosis** of bovine tuberc- 065672
Allergic diagnosis of pullerum disease in chi- 065726
Present state of **application diagnostical** & 065516
themes: Three years of **diagnosis** of **avian** di- 065232
Electrocardiography for **diagnosis & control** 065918
Differential diagnosis of sheep poisoned by 066061
two field techniques for **diagnosis** of **disease** 065619
skin tests in **diagnosis** of **echinococcosis** in 065502
technique to **diagnostic examination** of fasci- 065562
serological tests in **diagnostics** of **fascioliasis** 065561
orchards (1967--1969). [**Foliar diagnosis**]. 072010
Plant Analysis Laboratory. [**Foliar diagnosis**] 072166
method & instruments for **diagnosis** of **frost**- 067582
laboratory method for **diagnosis** of **heat** & d- 068035
Picoscale in **hematological diagnosis** of leuc- 065974
Diagnosis of **infectious** bovine rhinotracheitis 065373
to problem of **diagnostic inspections** when d- 071530
Diagnosing intoxications in honeybees. [Apis 071065
evaluation of **diagnostic laboratory** data. 065458
chromatography in **laboratory diagnosis** of 071416
of epizootiology & **diagnosis** of **leptospirosis** 065790
Cattle tuberculosis: **Diagnosis** by **Mantoux's** 065430
Pathological-**morphological diagnosis** of little 065483
A new method of **diagnosing nutrition** of pl- 067678
On course & **diagnosis** of **ovulation** in cows 065155
Early **pregnancy diagnosis** based upon plas- 065016
Basis for **diagnosis** & **prophylaxis** for respir- 065481
On problem of **diagnosing Skrjabinia** cestici- 065757
On **soil diagnosis** with use of a learning co- 071831
Diagnosis & **specific** prophylaxis for brucell- 065487
Diagnosis of **staphylococcic** mastitis. 065758
evaluation of various **diagnostic techniques.** 065880
On **diagnosis** of **tuberculosis** & differentiati- 065811
Diagnostic value of precipitation in gel in d- 065558
a field evaluation of **various diagnostic** techn- 065880

DIALLELS

Diallel analysis of resistance of corn (Zea 067101
Diallel analysis of leaf area heterosis & rela- 067104
Diallel analysis of resistance of corn (Zea 069620
inermis Leyss & in their **diallel crosses** when 067125

DIALYSIS

Application of **automated dialysis** & colorim- 067929

DIAMINES

Diamines in **plant** metabolism under conditi- 068487

DIAMONDS

Apanteles plutellae Kurdj. to **diamond-back** 070241
a larval parasite of **diamond-back** moth, Plu- 070427

DIANTHUS

parts of carnation. [**Dianthus caryophyllus**] 068367
its environment. [**Dianthus caryophyllus,** Ph- 069545
in glasshouses. [**Dianthus caryophyllus**]. 069669

DIAPHRAGM

for correction of a **diaphragmatic hernia.** 065245
case of pericardiac **diaphragmatic hernia.** 065939

DIARRHEA

Bovine virus **diarrhea--mucosal** disease (B.V 065875
Colivet in treatment of baby **pig diarrhea.** 065879

DIARYL

of **diaryl dichloromethylphosphonates.** 070706

DIATOMACEAE

Massif (Hautes-Pyrenees). [**Diatomaceae**]. 066619
bands & septa in diatoms. [**Diatomaceae**]. 067018

DIATOMACEOUS

Features of **diatomaceous flora** of modern la- 066748

DIATOMS

girdle, intercalary bands & septa in **diatoms.** 067018
of reduction of cell size during **diatom cell** d- 067014

Diatom of **Lake** Bagnolas. [Surirella]. 066792
Diatoms of **Lower** Pannonian from Neogenic 066610
Seasonal periodicity of **planktonic diatoms** in 067595
of wines processed with **diatomic powder.** 064006

DICAMBA
dichlorobenzoic acid in plants. [**Dicamba**]. 070162

DICARBOXYLIC
in plants with C4-**dicarboxylic acid** pathway 067750

DICHLOBENIL
techniques in application of **dichlobenil** 7.5 069972
dichlobenil on **blackcurrants** & raspberries. 070091
rotundas L. with **dichlobenil** & **grass** mulch 070191
of development of **dichlobenil** in **United** Kin- 070135

DICHLOROETHYLENE
of l'l-di(p-chlorophenyl)-2,2-**dichloroethylene** 070684

DICHLOROPHENOL
Pruification of 2,4-**dichlorophenol** by **method** 070733

DICHLOROVINYL
of o-methyl-0-**methyl**-0-2,2-**dichlorovinyl**-N-d- 070621

DICHLORVOS
effectiveness of **dichlorvos, baitex,** carbophos 070626

DICHROISM
Circular dichroism of cytochrome oxidase, c- 064319
Circular dichroism of a membrane protein of 067438

DICOTYLEDONS
monocotylendonous & **dicotyledonous weeds** 069969
Destruction of **dicotyledons** in **winter** & spr- 070184

DICTYOCAULUS
in hosts infected with **Dictyocaulus filaria.** 065544

DICTYOSTELIUM
slime mould **Dictyostelium discoideum;** for- 066990
microscopy in **Dictyostelium discoideum.** 067016
in **Dictyostelium discoideum.** 067711

DIDYMIUM
I. Two new species of **Didymium.** 066733
A new species of **Didymium** [disciformis] fr- 069431

DIEBACK
pinastri (Pers.) Karsten **causing dieback** of 069397
Epidemiological studies on **citrus dieback** c- 069889
Sirococcus [strobilinus] **tip dieback** of Pinus 069510
disease. [Ulmus, Ceratocystis **ulmi, dieback**] 069508

DIELDRIN
of HEOD, active component of **dieldrin.** 070722
Influence of **aldrin, dieldrin** & heptachlor c- 070352
Aldrin, dieldrin & heptachlor persistence in 070460

DIELECTRIC
grain direction on **dielectric breakdown** stre- 066485

DIENES
cuticular lipids: stabilization of **alkyl dienes** 070885

DIETHYL
diagnosis of parathion (O,O-**diethyl**-O-(p-nit- 071416
A study on efficacy of **diethyl ether** inhalati- 065410
O,o-**diethyl phthalimidophosphonothioate** fu- 069331

DIETHYLSTILBESTROL
DES [**diethylstilbestrol**] & RALGRO impla- 064807

DIETS
with or without antibiotics in their **diets.** 064627
growth differences between strains & **diets.** 064644
in relation to level of protein **diet, age** & sex 064532
future production of **dietetic alcohol** free be- 063303
contents of experimental **animal diets** during 064649
Artificial diets for rearing Brachmia modicel- 071044
Place of sugar in **balanced diet.** 063261
Effect of **diet** & **breed** on fatty acid composi- 064731
weanling pigs on high & low **calcium diets.** 066323
Influence of **diet composition** on feeding & 070922
ruminants fed high-**concentrate diets.** [Cattle 064740
feeding in relation to **dietary content** of car- 064625
feeding in relation to **dietary content** of car- 064626
temperature & **dietary copper** on growth & l- 064343
*** 064345
Influence of level o **dietary copper** on weight 064438
Effects of supplemental **dietary copper** on g- 064656
Effect of **dietary crude** protein level on inte- 064663
Effect of a protein-**deficient diet** on certain 064785
fasting in sheep fed **different diets.** 064920
Diets of **elk,** deer, & cattle near Fort Garla- 064665
Utilization of **dietary energy** in laying hens 064636
Influence of concentration of **dietary energy** 064739
DKA starter **diet fed** in different form to fat- 064795
Flaxseed--a **dietetic feed** for calves. 064801
Low calory & **dietetic food.** 063332
supplementation of protein-**free diet** on nitr- 064904
feeding of lambs with **diets** based on **grain.** I 064643
Chemicals in meat **diets greatly** overemphas- 063186
of animal feeding trials to **human dietary** re- 063256
Dietary influences on activities of enzymes 064441
acid in a semi-synthetic **larval diet** for mosq- 070940
Utilization in **livestock diets** of foods of pla- 064721
restricted period. Influence of **dietary lysine** 064623
Dietetics of **man** through animal nutrition. 063223
piglets effected by **maternal dietary** protein 064371
Chemicals in **meat diets** greatly overemphas- 063186
Curculionidae), on natural & **meridic diets.** 070781
concentration of protein in **diet offered** to fa- 064621
copper from **diet** on **performance** of growing 064654
supplemental copper from **diet** on **physical** 064655
for sorghum & what based **pig diets.** 064645
piglets effected by maternal **dietary protein** 064371
Zeranol & **dietary protein** level effects on li- 064413
Zeranol & **dietary protein** level effects on 064414
serum in relation to level of **protein diet,** age 064532
Zeranol & **dietary protein** level effects on li- 064735
Zeranol & **dietary protein** level effects on 064736
Comparison of nine **diets** for **rearing** Galleria 070838
Efffect of **dietary regimen** on cessation of up- 064440
trials to human **dietary requirements.** 063256
Quality of **diets selected** by grazing animals 064737
DKA **starter diet** fed in different form to fat- 064795
Effects of **supplemental dietary** copper on g- 064656
Effect of **supplementing diet** with increasing 064624
Pesticide residues in **total diet** in Canada. I- 063158
Fibre content in **monodiet type** of feed rati- 064917

DIFFRACTION
on low-angle X-ray **diffraction pattern** of ins- 070805

DIFFUSION
operating semi-industrial **diffusion apparatus** 063800
Continous diffusion of chlorogenic acid from 063757
Occurence of **diffuse cortical** necrosis associ- 065930
On value of **gel-diffusion** & skin tests in dia- 065502
diffusion measurements. 063520
of plant & D.P.D. [**diffusion pressure** deficit 067397
On spectral **diffusive reflection** of light by n- 068537

DIGESTION
of feed composition on **digestive activities** in 071014
Anaerobic digestion of dairy farm slurry. 072515
Apparent digestibility of maize grain when g- 064725
Apparent digestibility of phosphorus in sorg- 064732
Balance digestibility of organic nutrients in 068212
rations on rumen **digestion, digestibility** & s- 064889
Digestive enzymes in "hard ticks" (Ixodoid- 071080
Estimated digestibility of some southern br- 064741
wool growth. I. **Feed digestibility** & mineral 064307
glycol as a water-soluble **digestion marker** in 064416
distributing annual total **digestible nutrients** 064743
of feed rations on **digestibility** of **nutrients** 064884
in vitro" **digestibility** & **nutritive** value of co- 064600
Digestibility & **nutritive** value of grass meal 064883
Seasonal patterns of **digestible organic** matt- 067919
ration finishing can cause **digestive problems** 065922
into feeding rations on **digestive processes** in 064493
Digestive processes of haematophagous inse- 070791
of various feed rations on **rumen digestion,** d- 064889
glycol as a water-**soluble digestion** marker in 064416
Digestibility of **soy** lecithin in combination 064768
of infective larvae of "**digestive strongyles**" 065405
characterisitics of **digestive system** in Colle- 071105
of distributing annual **total digestible** nutrie- 064743
of crystal amino acids in **digestive tract** & ef- 064493
Lipid analysis in wall of **digestive tract** & ad- 064501
Adaptations of **digestive tract** during reprod- 064552
of certai in disorders of **digestive tract** (Prel- 065547
in nitrogen-balance & **digestibility trials.** 064303
Method studies relating to **digestibility trials** 064585
Altissima] in in **vitro digestion** & stem mor- 064598
In **vitro digestibility** of barley straw treated 064605
Effect of lignin on in **vitro digestibility** of w- 064738
Altissima] in in **vitro digestion** & stem mor- 067067

DIGITAL
Electrotensometric digital measuring instru- 071537
A television-scanned, **digital planimeter** & d- 063294

DIGITALIS
of some representatives of **Digitalis** L. 067806

DIGITARIA
Setaria [Pennisetum **clandestinum, Digitaria** 067936

DIHYDROSTREPTOMYCIN
of **dihydrostreptomycin**-3H-**sesquisulfate** in 068357

DILATION
Treatment of **gastric dilation** & torsion in d- 065258

DILUTION
its stability to dissociation by **dilution.** 064314
of cat as analyzed by an **indicator-dilution** t- 064254
Effect of **dilute salt** solutions on Chernozem 071796

DIMER
of several monomeric & **dimeric lignin**-like 066500

DIMETHOATE
of trichlorfon & **dimethoate** on **activity** of e- 066064
Application of **granular dimethoate** for cont- 070360

DIMETHYL
tetrafluorethoxyphenyl-N,N-**dimethyl urea)** 070004

DIMETHYLFORMAMIDE
trihalide-DMF [**dimethylformamide**] systems 063838

DIMETHYLUREA
N-(isopropyl -4-phenyl)-N',N'-**dimethylurea** 070131

DINOPHYCEAE
algae. [**Chrysophyceae, Dinophyceae,** Cyano- 067601

DINUCLEOTIDES
meat on nicotinamide **adenine dinucleotide** 063635
NAD (P) [nicotinamide **adenine dinucleotide** 067442
NADP [nicotinamide **adenine dinucleotide** 068460
of NAD [nicotinamide **adenine dinucleotide**] 068463

DIOL
1, 7-**Diphenylheptane**-3,5-**diol** from Alnus fr- 068528

DIOSCOREA
value of population of **Dioscorea caucasica** 067810
amount of diosgenin in **Dioscorea deltoidea** 067811
Cultivation of **Dioscorea deltoidea** in subtro- 069207
of yam tuber (**Dioscorea rotundata,** poir) du- 068393
Response of yam (**Dioscorea rotundata**) to f- 072107

DIOSCOREACEAE
Steroidal sapogenins of **Dioscoreaceae.** 067791

DIOSGENIN
in amount of **diosgenin** in **Dioscorea** deltoid- 067811

DIOXIDE
benzothiadiazin-4(3H)-one 2,2-**dioxide** (pro- 069967
benzothiadiazin-4(3H)-one 2,2-**dioxide**) in c- 069986
net carbon **dioxide assimilation** & leaf water 068431
concentration] & carbon **dioxide-bicarbonate** 067639
Carbon dioxide production in fermentation of 063124
on fruits. VI. Effects of **carbon dioxide** conc- 063969
rate using labelled **carbon dioxide.** 067430
Effects of **carbon dioxide** concentration on 067444
Co2[**carbon dioxide**] assimilation by Dryas 067481
Continuous measurement of **carbon dioxide** 067559
ion concentration] & **carbon dioxide**-bicarbo- 067639
In situ measurements of **carbon dioxide** grad- 067743
Carbon dioxide exchange in selected species 067749
responses to C02 [**carbon dioxide**] & light by 067965
beet leaves on temperature & **carbon dioxide** 067982
Photosynthetic exchange of **carbon dioxide** 067997
Use of C1402 [radioactive **carbon dioxide**] c- 068125
studies on effects of CO2 [**carbon dioxide**] 068420
Changes in transpiration, net **carbon dioxide** 068431
Carbon dioxide & pH [hydrogen-ion concen- 068435
studies on effects of CO2 [**carbon dioxide**] 069675
Resistance to **carbon dioxide,** an onoxic stre- 070854
In situ measurements of **carbon dioxide** grad- 071854
Use of C1402 [radioactive **carbon dioxide**] c- 071865
yield sugar beet crops with **carbon dioxide.** 072196
Effects of carbon **dioxide concentration** on 067444
carbon **dioxide concentration** with different 067982
Effect of low sulphur **dioxide concentrations** 066155
VI. Effects of carbon **dioxide concentrations** 063969
Sulfur **dioxide content** of beer. 063311
measurement of carbon **dioxide evolution** fr- 067559
Carbon **dioxide exchange** in selected species 067749
measurements of carbon **dioxide gradients** in 067743
of removal of ammonia & **nitrogen dioxide** f- 071723
Carbon **dioxide production** in fermentation of 063124
Sulfur dioxide content of beer. 063311
Low level of SO2 [**sulfur dioxide**] enhanced 067314
uptake of ozone & **sulfur dioxide.** [Tobacco, 069781
Effect of low **sulphur dioxide** concentrations 066155
Absorption of **sulphur dioxide** by tobacco pl- 068031

DIPAROPSIS
on cotton in Malawi. [[**Diparopsis castanea** 070379

DIPEPTIDASE
Fractionation of **dipeptidase activities** of St- 063483

DIPETALONEMATIDAE
Studies on **Onchocerca cervicalis** Railliet & 065529
Studies on **Onchocerca gutturosa** (Neumann 065526
Studies on **Onchocerca gutturosa** (Neumann 065527
Studies on **Onchocerca gutturosa** (Neumann 070611
Systematics of **Onchocerca gutturosa.** [Cattle 070612

DIPHENAMID
Use of **diphenamid** in **control** of Orobanche 070202

DIPHOSPHATASE
fructose-1,6-**diphosphatase** in dry peanut co- 067924

DIPHOSPHATE
of ribulose 1,5-**diphosphate carboxylase** in n- 067768

Ribulose **diphosphate carboxylase**--an enigma 067875
light activation of **ribulose diphosphate** carb- 067725
LvI. Regulation of **uridine diphosphate** N-ac- 064328

DIPLOCOCCUS
with a type II **anti-pneumococcal** serum. 067476

DIPLODIA
Parenchyma cell death & **Diplodia maydis** s- 069517

DIPLOIDS
studies on DNA contents of **diploid Lotus** s- 067396
relationships between **diploid species.** 070867
of mutagene effect on **diploid** & **tetraploid** f- 067377
of radiation race formation in **diploid yeasts** 067342

DIPLOPODA
Schizophyllum caspium **(Diplopoda)** in Len- 071104
A revision of Trachystreptinae **(Diplopoda)** 071132

DIPPING
Post **harvest dipping** of peaches. [Sclerotinia 069569
free flock by **dipping** of **hatching** eggs in ery- 065494

DIPRION
responsible for epizooty in **Diprion pini** L. 070557
on parasites of pine **sawflies Diprion** pini L. 070551

DIPTERA
naqvii Steyskal (Anthomyiidae: **Diptera)** fr- 070345
of olive fruit fly, Dacus oleae **(Diptera:** :tep- 070432
beef, swine, poultry, horses, pets. **[Diptera]** 070593
on adult emergence of black flies **(Diptera:** 070602
of face fly, Musca autumnalis **(Diptera:** Mu- 070782
of Bessa harveyi (Tachinidae: **Diptera).** 070790
body size in crane-flies **(Diptera:** Tipulidae) 070814
pupae of Philophylla heraclei L. **Diptera:** T- 070845
of Chironomus riparius Meigen **(Diptera:** Ch- 070861
bands in peritrophic membranes of **Diptera.** 070919
of Paramerina smithae (Sublette) **(Diptera:** 071110
Chironomidae **(Diptera)** form Caucasus: Di- 071114
On fauna of Lauxaniidae **(Diptera)** of Soviet 071126
Diptera: Tipulidae. 071138
Micropezidae of California **(Diptera).** 071145
description of a new species **(Diptera:** Cha- 071147
of Aedes nigripes & Aedes impiger **(Diptera:** 071152
genera & subgenera of Oxycerini **(Diptera:** 071210
Muscidae of Mt. Katahdin, Maine **(Diptera)** 071222
Syrphidae **(Diptera)** from Ormtjernkampen 071262
Syrphidae **(Diptera)** from Jaeren, Norway. 071266
research of Drosophilidae species **(Diptera)** 071334
of dispersion of African Muscidae **(Diptera).** 071356
Notes on **Diptera** (Sarcophagidae, Calliphor- 071358
on genus Adichosina Villeneuve **(Diptera:** S- 071359
Biology of Pollenia rudis, cluster fly **(Dipte-a** 070789
Cerodontha Rond. **(Diptera, Agromyzidae).** 071299
floralis (Fallen) **(Diptera, Anthomyiidae).** [070474
floralis (Fallen) **(Diptera, Anthomyiidae)** on 070476
floralis (Fallen) **(Diptera, Anthomyiidae).** [070978
floralis (Fallen) **(Diptera, Anthomyiidae)** on 070982
from genus Laphystia Lw. **(Diptera, Asilidae)** 071109
Diptera: Muscidae), & **associated Diptera** n- 070782
family Nemestrinidae **(Diptera, Brachycera)** 071332
theobaldi Barnes **(Diptera, Cecidomyidae).** 070475
abietis Hub. **(Cecidomyidae, Diptera).** I. Bi- 070565
theobaldi Barnes **(Diptera, Cecidomyidae).** 070979
of gall midges **(Diptera, Cecidomyiidae).** 071122
of Culicoides **(Diptera, Ceratopogonid** ae) fr- 071309
agrayloides Kieff. **(Diptera, Chironomidae),** 071144
ambigua Zett. **(Diptera, Chironomidae)** in 071265
records of Norwegian syrphid **flies Diptera,** 071273
dunes. [Coleoptera, **Hymenoptera, Diptera]** 070998
Meoneura Rondani **(Diptera, Milichiidae)** f- 071121
aenescens (Wiedemann) **(Diptera , Muscidae)** 071357
activity of black flies **(Diptera, Simuliidae)** 070986
from Republic of Zaire **(Diptera Simuliidae)** 071328
Metacnefia Crosskey **(Diptera, Simuliidae)** 071352
discimanus Loew **(Diptera, Syrphidae).** 071269
Norwegian syrphid flies **Diptera, Syrphidae)** 071273
distribution of gad flies **(Diptera, Tabanidae** 071366
north of Mexico **(Diptera, Tachinidae).** 071135
Trichodura Macquart **(Diptera tachnidae).** 071134
in Dacus oleae Gmel. **(Diptera, Tephritidae)** 071075
Tipula excisa Schum. **(Diptera, Tipulidae),** li- 070981
Norwegian Limoniinae **(Diptera, Tipulidae)** 071267

DIROFILARIA
antibody technique for **detecting Dirofilaria** 065391
heartworm disease. **[Dirofilaria immitis].** 065398
Study on development of **Dirofilaria immitis** 070665

DISBUDDING
A note on **disbudding camellias.** 068931

DISCARIA
chrysogenum, **Newrospora tetrasperma].** 067681

DISCOMYCETES
name for Sphagnicola Velen. **(Discomycetes)** 066664
Study of **Discomycetes** from **groups** Tapesia 066759
tests of some **discomycetes occurring** on con- 069272
Urnula helvelloides **(Discomycetes Opercules)** 066804

DISEASE
Fighting Marek's **disease.** [Avian lymphoma- 065460
for fowl paralysis (Marek's **disease).** [Avian 065461
Vaccination for Marek's **disease** (fowl paral- 065462
Fighting Marek's **disease.** [Avian lymphoma- 065463
Vaccination for Marek's **disease** (fowl paral- 065465
showing symptoms of acute marek's **disease.** 065557
of bovine paratuberculosis (Johne's **disease)** 065598
two field techniques for diagnosis of **disease** 065619
of experimentally induced "wildness" **disease.** 065674
allergy during course of Aujeszky's **disease.** 065701
in district of ruse. I. Occurence of **disease.** 065704
swine erysipelas & Aujeszky's **disease.** 065734
of hog cholera & aujeszky's **disease.** 065735
vaccine MK-25 against Aujeszky's **disease.** 065736
reproduction of virus of Aujeszky's **disease.** 065874
in cattle (Hodgkin's **disease).** 065957
level of resistance of rice plants to **diseases.** 069248
virus & TMV [tobacco mosaic virus] **disease** 069676
protection of sugar beet plant from **diseases** 069838
Research on viruses & virus **disease affecting** 069648
rotation in plant protection **against diseases** 069853
Frequent **animal diseases** & their world wide 065234
Australian exotic **animal disease** control pla- 065415
in chemoprophylaxis of **animal diseases.** 2. 065651
Isolating foot-**anMmouth-disease** virus with 065676
measures for prevention of **diseases** of **Apis** 071413
Georgia **apple disease** & insect control guide 069796
Coryneum blight & other **diseases** on **apriot** 069460
Three years of diagnosis of **avian diseases.** 065232
Cattle, horses, swine, **bacterial diseases].** 065269
Bacterial diseases of beech in forests of Car- 069592
Burkholder) an agent of **bacterial disease** of 069594
Smith) Jensen. [Tomatoes, **bacterial diseases]** 069596
Diseases of fur-**bearing** animals. 065840
potato in Taiwan. [Virus **diseases, Bemisia** t- 069703
between host & pathogen in rice **blast disea-e** 069462
of fuscous & common **blight diseases** of bean 069585
Occurrence of bacterial **blight disease** on m- 069586
relationship between **border disease,** mucosal 065723
Diseases of new **born.** [Calves]. 065958
carrier of potato witches' **broom disease.** 069615
for spread of cadang-**cadang disease** of coco- 069624
lesion extension in larch **canker disease.** [Tr- 069316
particular reference to **diseases** of **cattle.** 065274
An outbreak of tetanus-like **disease** in **cattle** 065413
soil water potentials on **diseases caused** by 069471
of studies on tobacco virus **disease caused** by 069734
of bacterial agents **causing diseases** in Hyac- 069595
ferrugineus (Scolytidae) & **certain diseases** of 069433
cruzi infection **(Chagas' disease)** in mice & 065894
associated with Marek's **disease** of **chickens** 065538
A **disease** in **chicks** caused by pathogenic St- 065730
Some results in **combating diseases** in grapes 069765
outlook for study of **diseases common** to liv- 065838
Common diseases of tropical foliage plants. 069791
to a soilborne fungal **disease complex** of sun- 069519
incidence of pests & **diseases & consequent** f- 069346
Australian exotic animal **disease control** pla- 065415
Cotton **disease control.** 069797
Insect & **disease control** guide for Washingt- 069919
Cotton disease control. 069797
Dynamics of **cotton disease** losses. 069875
Tilletia & other cereal **crop diseases.** 069386
How weather influences **crop disease.** 069775
Shaggy stipe, a new **disease** of **cultivated** m- 069533
Burrill) Winslow et al., a **dangerous disease.** 069605
Beet mosaic a **declining disease** in England 069694
for resistance to **disease** in **domestic** animals 064925
Study of **edema disease** in baby pigs. 065814
Prophylaxis against **edema disease** in baby 065994
soil treatment against Dutch **elm disease.** [069508
Occurrence of cigar-**end disease** of banana in 069393
analysis of plant **diseases epidemic.** 069886
vaccination against **epizootic disease** of feet 065687
foci of **diseases** & means of **eradicating** them 065841
RNA from citrus **exocortis disease:** evidence 069712
Exotic diseases & their interference with an- 065436
Summer damages caused by **eyespot disease** 069327
Disease factor in plans for domestication of 065321
Transmission of **Fiji disease** by Perkinsiella 069650
Foliage diseases of alfalfa in northern Saska- 069283
epidemiological studies of **foliar diseases.** 069876
hay increased by control of **foliar diseases.** 069879
Diseases of **food** legumes caused by pea leaf 069623
leaf diseases in Wisconsin. **[Fungal diseases]** 069229
of resistance to a soilborne **fungal disease** c- 069519
taxonomic notes on plant **disease fungi** in N- 066647
Karsten. [Strawberries, **fungus diseases].** 066797
results of chemical control of **fungus disease** 069320
Pinus merkusii seedlings. **[Fungus diseases]** 069383
Japanese pear to black spot **disease fungus,** 069398
for coniferous species. **[Fungus diseases].** 069400
sativum P. K. et B. [Barley, **fungus diseases** 069423
Karsten. [Strawberries, **fungus diseases].** 069548
to store potatoes better. **[Fungus diseases].** 069575
Fusarium diseases of pea: Behaviour of pea 069236
Horizontal resistance to **diseases & genetic** 067343
Day of study on control of **grain diseases.** [069540
relationship of animal fat to **heart disease.** 063270
prevention of canine **heartworm disease.** [Di- 065398
pathogen of **disease, Helminthosporium** sati- 069566
of turkey herpes & Marek's **disease herpes** v- 065434
of foot-and-mouth **disease immunisation** on 065581
Important diseases of cherries. [Blumeriella 069446
Seasonality in growth of **disease incidence** f- 065997
greatment of certain non-**infectious diseases** 064528
Exotic **infectious diseases** of domestic anima- 065402
for infertility of **infectious disease** origin in l- 065482
diseases of livestock. **[Infectious diseases].** 065483
raising farm complexes. **[Infectious diseases]** 065488
Newcastle **disease-infectious** bronchitis inact- 065537
Tadzhik SSR. [Livestock, **infectious diseases]** 065837
Transbaikal region. **[Infectious diseases].** 065838
in western Siberia. **[Infectious diseases].** 065839
in animal industry. **[Infectious diseases].** 065841
greatment of certain non-**infectious diseases** 065973
Disease & insect spray schedule for home o- 069916
Disease & insect spray schedule for home o- 069917
Disease & insect spray program for home g- 069918
including control of: **insects diseases** & nem- 068640
small grains: weeds, **insects, diseases.** 069744
pests of tobacco. **[Insects, diseases,** weeds]. 069777
Corn **leaf diseases** in Wisconsin. [Fungal dis- 069229
Shredded-**leaf disease** of papaya tree. [Virus 069678
insect vector of sugarcane white **leaf disease** 069705
Spreading of narrow **leaf disease** virus (Pha- 069735
insect vector of sugarcane white **leaf disease** 070401
status of world. **[Livestock, diseases].** 065729
of state of natural foci of **livestock diseases** 065836
in epizootiology of certain **livestock diseases** 065839
of state of natural foci of **livestock diseases** 070652
for cows on incidence of **disease** & **loss** of ca- 064896
control improves but other **disease losses** co- 069461
Dynamics of cotton **disease losses.** 069875
Causes of **disease & mortality** of aging dogs 065261
Papaya **mosaic disease.** 069636
in vaccines against foot-and-**mouth disease** in 065377
Bluetongue, foot-and-**mouth disease].** 065436
Studies into effect of foot-and-**mouth disease** 065581
foetal sera against foot & **mouth disease** vir- 065614
Studies on foot-and-**mouth disease** vaccines 065698
for controlling foot-and-**mouth disease** in sw- 065828
animals in case of foot-and-**mouth disease.** 065844
in experimental foot-and-**mouth disease.** 065896
Treatment of **mucosal disease** with modified 065630
between border **disease, mucosal** disease & 065723
Bovine virus diarrhea--**mucosal disease** (B.V 065875
Va 770: a **multiple disease** resistant variety 069893
measures for controlling white **muscle disea-e.** 065992
Shaggy stipe, a new **mushroom disease.** [Mo- 069402
Mycotic diseases in farm animals & birds in 065745
Disease & nematode control in field crops. 069837
Diseases of **newborn** calf; Results of ITEB i- 065288
administration of **Newcastle disease** & infect- 065435
Newcastle disease-infectious bronchitis inact- 065537
of antibodies against **Newcastle disease** virus 065569
phase immunoadsorbent. **[Newcastle disease** 065584
on immunity of **Newcastle disease** in chicke- 065591
of immunity to **Newcastle disease** after vacc- 065712
birds vaccinated against **Newcastle disease** 065741
Studies on **nosema disease** of honeybee in T- 071379
Pests & **diseases** of **oil** & coconut palm: Par- 070369
for infertility of infectious **disease origin** in l- 065482
on state of natural foci of **parasitic diseases** 065842
A new **parasitic disease** of honey bees in Bu- 071412
advises for control of **diseases, pests** & weeds 069850
with malathion. [Storage **pests, diseases].** 069923
parameters. [Virus **diseases, photosynthesis]** 069639
excreting virus of Aujeszky's **disease** in **pigs** 065700
influence to "damping-off" **disease** of **Pinus** 069383
Records & taxonomic notes on **plant disease** 066647
as a possible tool to forecast **plant disease** s- 069308
mildew & certain other **plant diseases.** 069331
Mycoplasmas as a cause of **plant diseases,** w- 069629
topics on control of soil-borne **plant diseases** 069752
tillage increase incidence of **plant disease?** 069817
Biological control of **plant diseases** & weeds 069841
Mathematical analysis of **plant diseases** epi- 069886
Biological control of **plant diseases** & weeds 070171
tillage increase incidence of **plant disease?** 072266
in healthy & virus-**diseased plants** during se- 069668
baby pigs with **pneumoenteric diseases.** 065633
Control of **potato diseases** in 1972. 069862
Effect of preceding crops on **potato diseases** 069911
Institute for **Poultry Disease.** 065248
of lettuce & means of **preventing disease.** 069888
Potato spindle tuber **disease produced** by pa- 069712
of apple-tree tissues & **proliferation disease** 069613
of symptoms of apple leaf **pucker disease** in 069616
expression of apple leaf **pucker disease.** 069881
Allergic diagnosis of **pullerum disease** in chi- 065726
Chronic **pulmonary disease** in horse. 065920
Dibiomycin therapy for **pulmonary diseases** 065987
Treatment & control of **rabbit diseases.** II. 065466
of minks against Aujeszky's **disease, rabies** 065693
Pests & **diseases** in **raising** of sugar beet. 069840
Cytopathic effects of **Ranikhet disease** virus 065503
transfected with genome of **ranikhet disease** 065509
Biological control of **replant diseases** in nur- 069910
about cause of specific **replant disease** of fru- 069930
mechanized processing & **disease resistance** 067246
Safflower power. **[Disease resistance,** Alter- 069427

Va 770: a multiple **disease resistant** variety 069893
prophylaxis of **respiratory diseases** in calves 065702
herbicide, Trifluralin, on **Rhizoctonia disease** 069504
of pesticides for control of **rice diseases** & i- 069296
leafhoppers in Taiwan. [**Rice, diseases,** tran- 070316
of pesticides for control of **rice diseases** & i- 070317
Purple top **roll disease** of potato. [Leafhopp- 069609
A stem end **rot disease** of snakegourd fruits 069310
for control of white root **rot disease** of temp- 069367
A new fruit **rot disease** of sweet orange caus- 069374
by white spot & gray **rot diseases.** 069833
Studies on control of black **scurf disease** of 069358
tolerance in cotton to **seedling disease.** [Rhi- 069247
A **Septoria disease** of Koeleria macrantha in 069285
Septoria diseases of cereal crops. 069456
Treatment of outside **skin diseases** of anima- 065965
Soil diseases in strawberry plant. 069792
A new leaf-**spot disease** of Commelina. [Dre- 069307
A new leaf **spot disease** of Cyamopsis tetrag- 069379
of Japanese pear to black **spot disease** fung- 069398
Testing antibiotics against leaf **spot disease** 069412
Bacterial leaf **spot disease** on Amorphophal- 069584
possible tool to forecast plant **disease spread.** 069308
Infectious **Staphylococcus diseases** in poultry 065401
Inherited lysosomal **storage diseases:** an ess- 065976
Control of **storage diseases** of carrots by wa- 069282
diagnosis of little-**studied diseases** of livesto- 065483
fungi & so-called **suffocating disease** of rice. 069297
Queensland. [Virus **diseases, Sugarcane**]. 069650
state of natural foci of **diseases** in **Tadzhik** 065837
leaf spot, a new **disease** of **tobacco** (Nicotia- 069529
in Taiwan. [Rice, **diseases, transmission**]. 070316
chemicals for **disease treatment** in intensive 065635
a new agent of beech & fruit **tree diseases.** 069590
Effect of **udder diseases** on production & qu- 066126
in newly-calved cows with **diseased udders.** 066055
of natural focus state of **diseases** in **Ukraine** 065835
vaccination with Newcastle **disease vaccine** 065712
Marek's **disease vaccines** & their application 065640
Studies on foot-and-mouth **disease vaccines** 065698
program for control of **diseases** of **vegetables** 069449
Swine **vesicular disease.** 065715
Vibrio disease in sheep. 065784
Study on **viral diseases** of cat. Ii. Experime- 065548
Study on **viral diseases** of cat. Iii. Experime- 065549
Viral diseases of winter wheat. 069657
Sanitation of potato from **viral diseases** by 069662
Cytopathic effects of Ranikhet **disease virus** 065503
with genome of ranikhet **disease virus.** 065509
antibodies against Newcastle **disease virus.** 065569
immunoadsorbent. [Newcastle **disease virus**] 065584
sera against foot & mouth **disease virus.** 065614
wildness" disease. [Livestock, **virus diseases**] 065674
Isolating foot-anMmouth-**disease virus** with 065676
Little-known **virus disease** of geese. 065796
attenuated Marek's **disease virus.** 065901
to Phytophthora infestans & **virus diseases.** 067227
plants & those infected by **virus diseases.** [068211
Laodelphax striatellus Fallen. [**Virus disease**] 069619
Virus diseases of mushrooms. 069627
Spread of **virus diseases** on strawberries in 069632
Virus diseases of forest trees. 069635
from linear parameters. [**Virus diseases,** pho- 069639
of yellow-vein mosaic **virus disease** in okra, 069641
Research on viruses & **virus disease** affecting 069648
from northern Queensland. [**Virus diseases,** 069650
of ribosomes in healthy & **virus-diseased** pla- 069668
Virus diseases in fruit culture. 069672
leaf disease of papaya tree. [**Virus diseases**] 069678
associated with three **virus diseases** of apple 069690
of sweet potato in Taiwan. [**Virus diseases,** 069703
Effect of **virus diseases** on yield & quality of 069706
Grapes with **virus diseases,** a danger for viti- 069719
An unkown **virus disease** of raspberry. 069720
on occurence of wheat **virus disease** with sy- 069726
plants & those infected by **virus diseases.** [069728
Status of studies on tobacco **virus disease** ca- 069734
Spreading of narrow leaf **disease virus** (Pha- 069735
to Phytophthora infestans & **virus diseases.** 069819
Laodelphax striatellus Fallen. [**Virus disease**] 070319
from northern Queensland. [**Virus diseases,** 070356
on occurence of wheat **virus disease** with sy- 070413
of yellow-vein mosaic **virus disease** in okra, 070455
of sweet potato in Taiwan. [**Virus diseases,** 070504
pests of tobacco. [Insects, **diseases, weeds**]. 069777
Report on study of **diseased white** pine in e- 066154
of resistance to bacterial **wilt disease** in tob- 067298
Control of footand **wilt diseases** of tomatoes 069338
Diseases of **young** livestock related to selen- 065928
injections in prevention of **disease** in **young** 065985

DISEQUILIBRIUM

Effect of initial **linkage disequilibrium** & na- 071068

DISINFECTION

Use of some readily **available disinfecting** m- 063669
Disinfectant detergents for application in fo- 063043
Disinfection efficiency of peracetic acid und- 065375
fertilizers for **disinfection** of **environment** fr- 065553
Disinfecting grain with malathion. [Storage 069923
of cleaning & **disinfection** in **industrialized** l- 065277
Disinfecting livestock quarters by flame from 065346
Disinfecting methods & automatic spraying 065403
Phytosan (Consan 20)--**disinfectant** for **plant** 069693
Study of **disinfecting** action of gamma **rays** 065804
Disinfection of **surfaces** in food hygiene. 063353

DISINTEGRATION

Toxic activity of **disintegrated bacillus** cereus 065690

DISKS

in relation to cell activity in **discs** of **carrot** 066991
ot tobacco mosaic virus in **discs cut** out from 069730
metathoracic (haltere) **disc** of **Drosophila** m- 071069
Cuticle deposition in **imaginal disks** of three 070929
of working parameters of a **disc knife** for fish 063428
p [phosphorus] incorporation into **leaf disc** 068115

DISMUTASE

mechanism of superoxide **dismutase reaction** 064325
On stability of bovine **superoxide dismutase:** 064422

DISPLACEMENT

of greater omentum in **displacement** to **left** 065241
preservation by sap-**displacement method.** 066488

DISPOSAL

Cuts waste **disposal costs.** [Food processing, 072524
Effect of tobacco **crop disposal** methods & s- 069761
Supply & **disposal** of **eggs** in Japan. 062650
Swine **excreta disposal** & waste water purifi- 072492
typhimurium in animal **manure disposal** in a 065380
Disposable packaging made of Stryropor for 063909
management. 5. Sewerage & **sewage disposal** 072514
for manure & manure **sludge disposal** on land 072146
swine raising & process of **waste disposal.** 2 072490
gone? [Water pollution, **waste disposal**]. 072532
Technical control of trade **wastes disposal** at 072502
Waste **waters disposal.** 072596

DISSECTION

Dissection courses & examinations in teachi- 065356

DISSEMINATION

effect of **artificial dissemination** into an app- 070467

DISSIPATION

Dissipation of **malathion** on cauliflower. 070452

DISSOCIATION

Factors **affecting dissociation** of southern be- 069685
Use of ketamine for **dissociation anesthesia** 065315
its stability to **dissociation** by **dilution.** 064314

DISTAL

on bone deformations in **distal part** of pecto- 066025

DISTANTIELLA

Sahlbergella **singularis, Distantiella** theobr- 070247

DISTEMPER

in treatment of **canine distemper.** 065410

DISTRIBUTION

Absorbtion, distribution & elimination of str- 065848
Distribution & **accumulation** of boron in var- 067401
of absorbtion & **distribution** of **ampicillin** in 065852
cows to two systems of **distributing annual** 064743
Occurrence & **distribution** of some **aquatic** 066735
Techniques on widening **area distribution** & 062621
laricella Hbn., in natural **distribution area** of 070564
Changes in leucocyte **distribution associated** 064570
morphactin on growth & **auxin distribution** 068246
Distribution of **bacteria** participating in sul- 071876
by rice plant. 4. **Distribution** of **basal** & top 067953
of water restriction on **distribution** of **body** 064404
Distribution of **bovine** paratuberculosis in 065400
for purchasing & **distribution** of **breeding** pi- 062749
On **distribution** of **Cardamine** rivularis Schur 066817
in wholesale food **distribution centers.** 072557
Distribution of **chlorine,** bromine & iodine in 071792
Notes on **distribution** of **Coleoptera** in Nor- 071277
Patterns of **distribution** in **Combretaceae.** 066704
few days of rain on **distribution** of **common** 069581
Species **composition, distribution** & supply of 066790
action, & **distribution** of **compression** wood 068580
Concentration, distribution & elimination of 065850
Contents, distribution & variation of mobile 071841
for optimum planning of **crop distribution.** 062267
of rainfall quantity & **distribution** on **crop** y- 068910
nematodes in Norway: **distribution, damage,** 069834
Ecological distribution of centers of major a- 066711
Distribution & **ecological** stability of groupi- 070975
Distribution of **embryos** between sides in sw- 064961
Transition of timber **distribution facilities** & 066207
Method for determining **fat distribution** in 063530
Long-term **fate** & **distribution** of C[carbon] 068517
of game animals on **distribution** & **feeding** h- 070661
Optimum utilization & **distribution** of **feeds** 064715
Distribution of **flavonoids** in certain families 067819
importance in storage & **distribution** of **flesh** 063351
toward charge cards in **food distribution** ind- 062690
Food distribution in today's consumer clima- 062707
Walker county builds its **food distribution** p- 062885
management in wholesale **food distribution** 072557
Distribution of **foodgrains** in India. 062678
Study of **frequency distribution** in size of bu- 064958
factors on **distribution** of **freshwater** algae: 067639
067641
On **distribution** of **Fusarium** sporotrichiella 069421
Study on **distribution** of **gene** Gas in lines & 067141
of fauna & **geographical distribution** of gad f- 071366
distribution of alpha & beta **glucosidase** in r- 067915
dietary copper on **glyceride distribution** in 064656
Notes on **distribution** of **Halorates** reprobus 071279
Life **history distributions** of geographically d- 070977
Cicadellidae) & its **distribution** in **Hokuriku** 070402
Horizontal distribution of Oribatei in exhau- 070820
Notes on **distribution** of **Hosta** longipes Ma- 066667
lagerbergii in Norway. **Hosts, distribution,** 069437
Distribution of **imported** 14C [carbon] in de- 068582
Distribution & **improvement** of agricultural 062612
charge cards in food **distribution industry.** 062690
of variation in **distribution** of **infestations** of 070322
in rice plant. II. **Internode distribution** patt- 066995
Trin. 1. **Distribution** of **irradiance** & foliage 067753
System for **distribution** of in-**let** air in tract- 071632
Changes in **leucocyte distribution** associated 064570
related to temperature & **light distribution** 067483
Distribution of **liverworts** in Czechoslovakia 066665
Measurement of **local distribution** of matter 062179
pallida (Green). I. **Distribution** on **mango** tr- 070519
On **distributions** of mean **micellar** angle & f- 068554
Distribution & **movement** of "reactive" pho- 066883
laricella Hbn., in **natural distribution** area of 070564
Distribution of **Nephotettix** leafhoppers in 070316
labelled urea. 2. **Distribution** of **nitrogen** 15 064632
production & **distribution** of **organic** matter 066857
rice plant. II. Internode **distribution pattern** 066995
Distribution & **pattern** of infestation of Tetr- 070288
in Norway. Hosts, **distribution, perfect** & i- 069437
Utilization & **distribution** of **phosphorus** aft- 064590
Distribution of **phytophagous** & predacious 070424
Distribution of **pig** enteroviruses in farms of 065575
Number & **distribution** of **pits** on one trache- 066981
methods in study of **plant distributions.** 066709
Edaphic control of **plant distribution** in Whi- 066839
Distribution of **plumieride** in Plumeria acuti- 067827
Pollen distribution & seedset on Triticum a- 067963
On **distribution** of **preening** movements in h- 071378
production on **distribution** & **processing** bal- 063275
county builds its food **distribution program.** 062885
Studies on **distribution, rate** of infection, pa- 070420
A new **distribution record** for dwarf mistlet- 070182
Selected problems of **regional distribution** of 064177
Improvement of **regional distribution** of pine 066359
of plant growth & **distribution** in **relation** to 067637
Root distribution under some forest types n- 068533
carbohydrates & their **distribution** in **roots.** 067402
Study on **distribution** of **Selenium** 75 in chi- 066005
purchasing, & **distribution** of **sheep.** 062752
dependence of gobule size & **size distribution** 063400
Area of **distribution** of **snow** heath (Erica he- 066660
Spatial distribution of gypsy moth (Lepidop- 070844
Distribution of **steroid** 1-dehydrogenation & 067421
Analysis of **stress distribution** in sapling tree 068512
Subcellular distribution of picloram. [Cowp- 068105
plane surface with **temperature-distribution.** 067626
Transition of **timber distribution** facilities & 066207
Timber distribution & marketing facilities in 066442
Research into **distribution** of **transferrin** gen- 064982
Distribution & **variation** of some Gesneriads 066699
zonality & their **distribution** in **vegetation** b- 066973
Vertical distribution of Oribatei in developed 071256
On **vertical distribution** of microelements in 071915
lupine root. V. **distribution** of **volume** conce- 068073
data on content & **distribution** of **water** in f- 067587
diseases & their world **wide distribution.** 065234
On **distribution** of XVirus of potatoes in tis- 069665
Distribution of **yeasts** producing extracellul- 067689
Distribution of **young** cattle. 062746
of hair as an indicator of **zinc distribution.** 066010

DISTRIBUTORS

Comparative study of **fertilizer distributors** 071536
Efficiency of **stationary distributors** of feeds 071587

DISULFIDES

Effect of sulfhydryl groups & **disulfide bonds** 063691
of cellulose origin, carbon **disulphide ratio** & 066521

DITCHES

manure disposal in a model **oxidation ditch** 065380

DITERPENES

Bicyclc diterpenes. [Plants]. 067790

DITERPENOIDS

koraensis. I. Main **diterpenoid components.** 068531
leucothol B & D, **diterpenoids** of **Leucothoe** 067853

DITHIOCARBAMATES

copper-dithiocarbamate colorimetric method 063349
hexamethylene-dithiocarbamate- 071804

DITHIOPHOSPHATE
O,O-di-N-**propyl dithiophosphate,** for use al- 070002

DITYLENCHUS
its control. [**Ditylenchus destructor**]. 069864
nematode of clover. [**Ditylenchus dipsaci**]. 069846
of stem nematodes, **Ditylenchus dipsaci.** [R- 069905

DIURETICS
chloride] & reverin on **diuresis & renal** excr- 064256

DIURNAL
Diurnal behavior of sugarcane acid invertase 068085
Diurnal course of removal of ammonia & nit- 071723
Diurnal foraging activity of Formica subluci- 070792
Diurnal rhythm of egg laying, hatching of la- 071100
physiological state in **diurnal & seasonal** rh- 068560
Diurnal variations in photosynthetic produc- 068454

DIVERSIFICATION
Diversification in **form** of agroindustrial coo- 063024

DMSO
Influence of **DMSO** on **synthesis** ot tobacco 069730

DOCKS
Docks in **grassland,** their influence on herba- 070071

DOCUMENTATION
Agricultural documentation; its present, its 062171
Standardized documentation & interpretati- 065130

DOGS
Urethrastomy in a **bitch.** [Dogs]. 064158
of vagus nerve in medulla oblongata. [**Dogs**] 064269
of phases of ventricular systole in **dog.** 064276
optimal conditions for its titration. [**Dogs**]. 064277
Ganglia in middle ear of **dog.** 064278
CB 154) on lactation in **bitch.** 064363
acetate as an antifertility agent in **bitch.** [D- 064932
treatment of cryptorchism in bulls & **dogs.** 065178
method & on ejaculation reflex in **dogs.** 065182
correction of radiocarpal deformity in a **dog** 065219
devices on functional limb usage in **dogs.** 065220
of Clerodendon infortunatum leaves. [**Dogs**] 065254
of gastric dilation & torsion in **dog.** Gastric 065258
on effects of Rompun as a sedative in **dogs.** 065285
net with abdominal teguments. [**Dogs**]. 065365
compounds against Babesia gibsoni in **dogs.** 065388
for detecting Dirofilaria immitis in **dogs.** 065391
Treatment of acute pancreatitis in **dog.** 065453
On significance of echinococcosis. [**Dogs**]. 065660
Rheumatoid arthritis in **dog;** survey of litera- 065665
Louping-ill in a working collie. [**Dogs**]. 065710
fumigatus infection in nasal cavity of a **dog:** 065719
Experimental listeriosis in **dogs.** [Listeria m- 065886
in canine myelogenous leukemia. [**Dogs**]. 065906
Vesicoureteral reflux in **dogs.** 065908
Acute pancreatitis in **dog.** 065924
Canine urethro-rectal fistulae. [**Dogs**]. 065936
squamous-cell carcinoma of skin in a **dog.** 065937
Adrenal insufficiency in **dog:** two case repor- 065938
in case of hip joint dysplasia in a **dog.** 065942
Haemangioendothelioma in liver of a **dog.** 065947
Renal haemangioma in a **dog.** 065950
Cysplasia of elbow in **dog.** 066004
treatment of cryptorchism in bulls & **dogs.** 066007
Grass awn penetration in **dog.** [Stipa, Setar- 066020
Rupture of bile duct in a **dog.** 066052
Rupture of common bile duct in **dog:** a case 066053
Polyarteritis in **dog:** a case report. 066395
collateral circulation of blood. [**Dogs**]. 064271
as an antifertility agent in bitch. [**Dogs**]. 064932
of comminuted femoral shaft fractures in **dog** 065221
histology & ultrastructure of **dog adrenal** co- 066048
syndrome in **dog** with an **adrenocorticolytic** 065907
Causes of disease & mortality of **aging dogs** 065261
of benzatcin. [Laboratory **animals, dogs,** cats 065371
Feeding **Beagle puppies** with Welpi-lac. 064751
of a metastatic brain tumor in a **Beagle dog** 065905
for restraint in cystometry in **dog & cat.** 065217
Anaesthesia in **dog & cat.** 065231
conditions of nasal chambers of **dog & cat.** 065324
Dog & cat as media conveying toxoplasmosis 065877
social & sexual behaviour in **dogs & cats.** 065033
Sulfadiazin (Tribrissen) in **dogs & cats.** 065307
of benzatcin. [Laboratory animals, **dogs, cats**] 065371
carnivores of KzylOrda Region. [**Dogs, Cats** 065682
antibodies in animals. [**Dogs, cats,** swine, ca- 065890
outside skin diseases of animals. [**Dogs, cats** 065965
Ectoparasites in **dogs & cats.** 070641
General anesthesia of **dog** by **inhalation.** 065224
Stock for restraint of **dog** during **lymphatic** 065218
determinations in **dog** during **oestrus** & pre- 065184
strains isolated from **dogs** with **otitis** & cyst- 065452
Clinical observations in **dogs** in **Philippines** 065602
dihydroxy-vitamin D3 in **rachitic dog.** 065919
Bacterial count in **dog urine** obtained by pu- 065607
in Armenian SSR. [**Dogs, vectors**]. 065555
canis in cats & **dogs** in New **Zealand.** 065587

DOLOMITE
with habitat in **Dolomites** from **vicinity** of L- 066886

DOMESTIC
Exploitation of **domestic animals,** a source of 064147
sex of interphasal cells in **domestic animals,** 064455
Domestic animals & their environment. 064457
Physical characeristics of **domestic animals.** 064485
arylamidase activity in **domestic animals.** 064535
resistance to disease in **domestic animals.** 064925
infectious diseases of **domestic animals** & pr- 065402
control ectoparasites of **domestic animals.** 065571
of Brucella-antibodies in **domestic animals** 065622
between wild & **domestic animals** in case of 065844
Tumors of genital organs in **domestic anima-s.** 065940
on Mycotoxicoses of **Domestic Animals,** New 066016
Helminths of **domestic carnivores** of KzylO- 065682
On microchromosomes in **domestic chicken.** 064522
resistance in Japanese **domestic cultivars.** [067298
to meet growing **domestic demand.** 062665
structure of eosinophilis in **domestic duck** (064572
Immobility reactions in **domestic fowl** (Gall- 064284
on immobility reaction in **domestic fowl.** 064425
on induction of ovulation in **domestic fowl,** 065031
potential of certain breeds of **domestic fowl** 065893
An increase in activity of **domestic fowls** pr- 064283
production to meet **growing domestic** dema- 062665
controlling resistance in **Japanese domestic** 067298
Trypanosomiasis in **domestic livestock** in L- 065880
Cuterebra myiasis in **domestic rabbits** (Oryc- 065540
characteristics of foreign & **domestic ryes.** 063774
compared to behavior of **domestic swine.** II 064519
a parasite of **domestic** & **wild** ruminants. 065582

DOMESTICATION
free-living & related **domesticated animals.** 066033
of spinal cord of **domesticated** & **wild** sheep 064270
factor in plans for **domestication** of **wild** ru- 065321

DOMINANCE
regulators on **dominance** in **Agropyron** repe- 070103
Apical dominance is not due to a lack of fu- 068060
structure of root systems of **basic dominant** 067004
melanogaster germ cells. I. **Dominant lethal** 070869
dubium. Vi. **Dominance relationships** for ge- 067167
Social dominance & reproductive performan- 064566

DONKEYS
organs (pelviscopy) of horse & **donkey.** 065237

DONORS
of proteins & fatty acids after **donor animals** 064637
of cytochrome b559 & **electron donors** in ch- 068270

DOPA
3,4-Dihydroxyphenylalanine **(dopa)** decarbo- 070772

DORMANCY
during breaking of **dormancy** in **Acer** saccha- 068545
Flower **bud dormancy** in Coffea arabica L. I 067669
by cobalt 60 gamma-rays on **dormant buds.** 068349
Dormant buds of Acer negundo L. & their r- 068563
special references to **dormancy development** 071098
acid in peach buds during **dormancy period.** 068336
certain tree species during **dormant period.** 068602
Dormancy in **seed** of spring barley. 067903
Dormancy in **seeds** of Anona crassiflora Ma- 067647
Dormancy in **weed** species. 070020

DORSAL
Microscopic structure of **longissimus dorsi** 064466
capacities of **dorsal metathoracic** (haltere) d- 071069
Effect of lesions of **dorsal part** of hippocam- 064248
goats. II. Movements of **dorsal & ventral** sa- 064553

DOSAGE
milk secretion: lack of effect of low **doses.** [064434
Cupric Sulfate Anhydrous] **algicide doses** u- 070680
Use of a low **dose** of **atrazine** alone & in mi- 070227
induced by a mitogenic/**capping dose** of phy- 068322
of Dacus oleae to determine **correct doses** of 070447
Determining dosage of fertilizers in connect- 072072
dates of injection an **different dosages** of cyc- 065124
Effect of **different doses** of herbicides on mi- 070151
levels: finding of low **doubling doses** of muta- 067299
fumigants. I. fifty percent knock **down dose** 070422
Response of rice to **graded doses** of phospho- 072085
Triticum aestivum L.) to **graded doses** of P 072105
Effect of feeding **high doses** of urea on tissue 063596
of continual irradiation with **high doses** on b- 066028
Removal of damaging effect of **high doses** of 067372
Determining **hop dosage** after results of ana- 063407
Effects of **increasing dosages** of gamma irrad- 070874
in relation to application of **large doses** of m- 067869
Persistence & penetration of **large doses** of 070228
Effect of direct application of **large doses** of 072152
with special reference to **dosage levels.** 065951
Lime dosage for obtaining desired amount of 072133
of continaul irradiation with **lower doses** on 066026
effect of gradually increased **nitrogen doses** 068009
Influence of **nitrogen dose** & frequency of a- 068692
effect of gradually increased **nitrogen doses** 072042
texture of "grape soils" & **optimal dosage** of 069936
Optimum dose of NPK [nitrogen, phosphor- 072110
To find out **optimum dose** of NPK [nitrogen 072111
A study on influence of **doses** of **organic** & 072207
Possible determination of **dosage** of **pre-eme-** 070173
Effect of **dosage & ratio** of mineral fertilizers 068196
Effect of **dosage & ratio** of mineral fertilizers 071982
application of two **doses** of **sulfamethazine** s- 065336
binding & **dosage** of some **sulphonamides.** II 065369
binding & **dosage** of some **sulphonamides.** III 065370
Determination of **toxic dose** & level of some 070664
Chernozem soil relative to **dosage, types** & 072064
Effect of plowing in **various doses** of phosph- 072230
Changes in barley due to **varying dosages** & 067203

DOUGH
specificity on rheological behavior of **dough** 063698
presented at Durum & **Dough Products** Mee- 063819

DRACUNCULUS
artemidin from **Artemisia dracunculus.** 067510

DRAFTING
A **draft outline** of internally standardized tr- 071585

DRAGONFLIES
A hybrid **dragonfly bred** from egg laid by S- 071050

DRAINAGE
Losses from Soil by Leaching & **Drainage.** 071810
saline soils with different types of **drainage.** 071884
on flood-lands in Ukraine. [**Drainage**]. 072388
of flooding & **drainage** & their **alternation** on 068058
of vegetation of internal-**drainage basins** as 066874
crop rotation system in **drained bog**-carbona- 072225
Irrigation & **drainage** in **Camargue** & protec- 072370
of grass on slopes of **drainage canals.** 071560
Erosion-proofing **drainage channels.** [Soils]. 072283
of dog during lymphatic **duct drainage** & ot- 065218
Experimental drainage in clay soils (Pertho- 072260
Experimental drainage sector on Pervomais- 072351
flow-recording system for **field drainage** mon- 072422
On **draining forest** swamps of Lake Baikal r- 072433
Soil moisture dynamics in **drained forests.** 071825
Effects of **underdrainage** on **growth** & yield 068174
Dynamics of vegetation of **internal-drainage** 066874
meliorative networks. [**Drainage, irrigation**] 071448
maintenance of **drainage & irrigation** netwo- 071449
of improved soils. [**Drainage, irrigation**]. 071788
on industrial base. [**Drainage, irrigation**]. 072374
meliorative networks. [**Drainage, irrigation**] 072375
in Turkmenia. [**Drainage, irrigation**]. 072376
in Crimean Region. [**Irrigation, drainage**]. 072377
of improved soils. [**Drainage, irrigation**]. 072378
Economic aspects of sloping **land drainage.** 062537
efficiency of farming on **drained lands.** 062368
tractor on constructing plastic **mole drain.** 071646
system for field **drainage monitoring**--direct 072422
of repair & cleaning of **drainage network.** 071557
yield of rice plant in ill-**drained paddy** field 068174
Drainage & profit. 062504
Erosion-**proofing drainage** channels. [Soils]. 072283
Response of slash pine to **drainage & rainfall.** 066308
Experimental **drainage sector** on Pervomais- 072351
other plant nutrients to **drainage** from **soil** 071802
compilation of surface & **subsurface drain** fl- 072422
operation of **drainage systems** in Belorussia 072380
regime of watersheds of **drainage systems.** 072382
Wood consumption, **total drain** & forest bal- 066440

DRECHSLERA
Drechslera siccans & **Drechslera catenaria.** 069311
of Commelina. [**Drechslera hawaiiensis**]. 069307
of conidiogenesis in **Drechslera sorokiniana** 066957

DRESSING
of a collar protectant **dressing against** Gano- 069539
Dressing of **cereal** seeds. 069863
Cottonseed dressings for reducing bacterial 069600
control in poultry **dressing establishments.** 063203
in market poultry & poultry **dressing plant** 063159
in market poultry & **poultry dressing** plant 065595
Cereal **seed dressings.** 069795
Chemicals for **dressing seeds** of cereals. [Fi- 069455
rice. CXIII. Effects of nitrogen **top-dressing** 067949
as affected by timing of **top-dressing** of nitr- 068156
Effectiveness of applying **top dressing** of ur- 072222
On use of **top dressing** in culture of sugar b- 072224

DRIFTING
Measures for reducing **drift damages** with p- 069786
Number & size of **drifting nymphs** of Ephe- 070984
Drift studies in ULV [Ultra low Volume] & 071511

DRILLING
herbicides in direct **drilled burssels** sprouts 070047
Comparison of **grain drills** at different seedi- 068648
emergence weed control in **drilled onions.** 070052
of wild oat seeds in cereal **seed drills** in Uni- 070017
Pneumatic feeding of grain in **seed drills.** 071565
pneumatic technique of sowing. [**Seed drills**] 071566

DRINKING
Nutritive value of commercial **cocoa drinks.** 063242
utilization for production of **various drinks.** 063558

DRIVERS
induced hearing losses of **tractor drivers.** 071507

DRIVING
Use of **hydrostatic drive** for rotary tillers of 071623
Druzhba **motor-driven** saw used in obtaining 066352
Fuel-**saving driving** of motor lorries. 071542
of wheels of a four-wheel **drive tractor** on its 071583
of wheels of four-wheel **drive tractors** at low 071584

DROSOPHILA
kinase polymorphism in **Drosophila.** [Mela- 070770
Competition in **Drosophila.** Iii. A possible 070875
An RNA polymerase from **Drosophila.** [Me- 070894
pigments on action spectrum of **Drosophila.** 070930
interchange in mature oocytes of **Drosophila** 070968
species of "virilis" group. [**Drosophila**]. 071040
mutation process in **Drosophila & frequency** 071063
natural populations of **Drosophila funebris** 071039
of longevity of **Drosophila melanogaster** un- 070749
of bracts in **Drosophila melanogaster** using 070855
in courtship of **Drosophila melanogaster.** 070858
nondisjunction in **Drosophila melanogaster.** 070865
by irradiation in **Drosophila melanogaster** f- 070868
ethyleneimine in **Drosophila melanogaster** g- 070869
polymerase from **Drosophila melanogaster** 070899
activities in **Drosophila melanogaster** larvae 071014
sublines of **Drosophila melanogaster** embry- 071041
in ontogenesis. [**Drosophila melanogaster**]. 071042
morphology of **Drosophila melanogaster.** 071045
dehydrogenase of **Drosophila melanogaster** 071056
of egg laying of **Drosophila melanogaster.** 071058
haltere) disc of **Drosophila melanogaster.** I. 071069
salivary glands of **Drosophila melanogaster** 071071
nMethylurea. [**Drosophila melanogaster**]. 071059
of flight in wild-type & a **mutant Drosophila** 070973
a new species of **Drosophila** from **Orissa,** I- 071297
isolation within **Drosophila paulistorum** inci- 070866
hydroxytoluene in **Drosophila sperm.** 070897
Oogenesis in **Drosophila virilis.** I. Interacti- 070773

DROSOPHILIDAE
ecological research of **Drosophilidae species** 071334

DROUGHTS
on water content & response to **drought.** [P- 067729
of ribosomes in plants adapted to **drought.** 068167
means of controlling soil erosion & **drought** 072277
Reliable procedures for control of **drought.** 072478
Drought code component of Canadian forest 066081
soil tillage in a system of **drought control** in 072272
Drought crack on western white pine in nor- 066094
Drought in **East** Gippsland. 072448
Karst. stands during **droughts** in **European** t- 066112
Drought feeding of sheep. 3. relative import- 064644
Effects of **drought** in **maize** & sorghum. 067898
for diagnosis of heat & **drought resistance** of 068035
of yield responses to **drought** of **sorghum** hy- 067977
Physiological studies on **drought** in **wheat.** 068191

DRUGS
Fungicide tolerance faces Miracle" **drugs.** 069549
FDA [Food & **Drug Administration**] launch- 063080
Sanitation & Food & **Drug Administration.** 063119
Experience with mass **drug administration** as 070655
maturing pullets using **antiovulation drugs.** 064401
Drugs for **control** of helminthiasis in sheep. 065774
recombination of **cytoplasmic drug**-resistance 067300
influence of tranquillizing **drugs, derivates** of 065282
Effective drug for control of sheep mange. 065781
Drug ergotism in newly-calved cows with di- 066055
Hypersensitivity of piglets to **iron drugs.** [P- 066030
for veterianarians within **drug & pharmacy** l- 065305
Teucrium species of Caucasus. [**Drug plants,** 066685
of alkaloids & chlorophyll in **drug plants.** [067712
Residues of **veterinary drugs** in milk, meat 063029

DRYING
study of fibre dimensional changes on **drying** 066530
Moisture & volume changes of **air dried** wo- 066525
Artificial drying of strawflax. 063730
of energy to sheep from **artificially dried** gr- 064586
flowers by means of a fluid-**bed dryer.** 067126
Use of freeze-**dried berries** & fruits in special 063552
test to samples of sera & **dried blood** from c- 065882
Caustic dry peeling of cling peaches to redu- 064017
Drying characteristics & germinability of ba- 063813
Wood **drying controlled** by electronic data p- 066466
musei nationalis pragae [**Czechoslovak dried** 066598
On presence of nitrates in **dried dairy** by-pr- 064039
Effective dry methods of separating thermop- 066553
Sorghum vulgare sudanense in **dry farming** in 068859
fertilizers on corn yield with **dry farming** in 072122
Yield tests of **dry field** beans, 1972. [Kidney 068645
Effect of methods of **drying** on **fine** structure 063693
Spray-**dried flavours.** 063082
given in liquid suspension or in **dry form.** 064617
Freeze-drying of foodstuffs in France. 063414
Use of **freeze-dried** berries & fruits in special 063552
Freeze-drying: conservation of dairy products 063560
Freeze-drying of chicken meat. 063687
beta-carotene content in freeze-**dried fruits.** 064012
grain in a recycled pneumatic-**gas dryer.** 063846
consider in selection of new **grain drier.** 071561
energy to sheep from artificially **dried grass** 064586
occurring during storage of **dried green** fodd- 064041
Ways to **dry green** forage. 064094
Drying & hardening of finishes with infrared 066431
affected by rain during post-**harvest drying.** 068687
Automatic controls for cold air **hay drying.** 071662
grains of indica rice plants in **dry, hot** season 069774
of action of our forest seed **drying houses** wi- 066376
Industrial dry matter production in coopera- 062346
Reducing evapo-transpiration under **dry land** 071710
maize silage supplemented with **dried lucer-e,** 064651
Industrial **dry matter** production in coopera- 062346
Methods to determine solidity & **dry matter** 063893
for supply of milking cows with **dry matter** 064603
of corn silage of low **dry matter** content. 064798
On determination of **dry matter** content of 064861
potatoes for increased amounts of **dry matter** 067241
of N [nitrogen] fertilization on **dry matter** y- 067884
Development & **dry matter** production of gr- 067899
Studies on **dry matter** production in corn pl- 067955
Dry matter accumulation patterns in determ- 067962
to relative growth rate of **dry matter** in pad- 068175
On **dry matter** formation in grape root stoc- 068405
of N [nitrogen] fertilization on **dry matter** y- 071985
of low oxygen concentration on **dry matter** 067943
Changes of grass cover of **dry meadows** und- 071987
Effective **dry methods** of separating thermop- 066553
Dry offal system reduces water usage 500 g- 072499
Drying of **parchment** coffee. 063402
fructose-1,6-diphosphatase in **dry peanut** co- 067924
Caustic **dry peeling** of cling peaches to redu- 064017
proteins in pregnant cows during **dry period** 064892
with isoxazolyl penicillin in **dry period.** 3. p- 065422
Drying of **Picea** abies Karst. stands during 066112
nationalis pragae [Czechoslovak **dried plant** 066598
wheat grain during **drying** with **preheating.** 063780
General review of **drying process** of rice. 2. 063728
of isoxazolyl penicillin in **dry regular** udd- 065422
moisture & wind-speed in **drying** of **Satsuma** 063973
content & total germ count in **dry sausages** 063654
Study of process of **drying seed** grain in a r- 063846
mode of action of our forest **seed drying** hou- 066376
improves seedling growth on **dry sites.** [Silv- 066388
of pigs. Comparison between **dry skim** milk 064908
Spray-dried flavours. 063082
A comparison of ten **drylot steer**-finishing s- 064824
Effect of **dry summer** 1971 on radial growth 068591
Basis for parameters of **tobacco dryer** with 071675
phycomycetes on Ross Island & **dry valleys** 066735
Dry veneer volume losses in production of r- 066546
Changes in **dry-weight** & water content in h- 070836
Effects of **drying & wetting** extractable alum- 071781
method of maize utilization (**drying whole** p- 064083
Production & **drying** of **wide** flitches for sca- 066417
Wood drying controlled by electronic data p- 066466
volume changes of air **dried wood.** 066525

DRYLANDS
at different seeding rates for **dryland wheat** 068648

DUCKS
of protein diet, age & sex of **ducklings.** 064532
On control of virus hepatitis in **ducklings.** 065816
for control of virus hepatitis in **ducklings.** 065817
induced listeriosis in **ducklings.** 065818
with extra-renal salt excretion in **mallard.** 070681
metabolism in animal organisms. [**Ducks**]. 064272
A third donald **duck beak** anomaly in fowl. 065935
structure of eosinophilis in **domestic duck** (064572
Reiteration frequency of **duck haemoglobin** 065049
experience of maternal calls in **Peking duck** 064285

DUCTS
Rupture of **bile duct** in a dog. 066052
Rupture of common **bile duct** in dog: a case 066053
of dog during lymphatic **duct drainage** & ot- 065218
Lachrymal duct of cats. 064451
of steroid androgens on **Muellerian ducts** of 064339
of retrogression of **Muellerian ducts** provok- 064340
from sheep by cannulation of **thoracic duct** 065544

DUMPING
rocks in natural bedding & in **dumps.** 071882
development of trees on a **slag dump.** 066380

DUNES
Soil entomofauna on inland & **coastal dunes.** 070998
nutrition of two sand **dune communities** at 072113
Nearctic desert sand **dune Orthoptera.** XIV. 071195
iron & manganese availability in **dune slack** 067637

DUNG
Dung beetles as biological control agents for 065535

DUODENUM
Establishment of a **duodenal bridge** fistula in 065227

DURABILITY
some climatic factors on **durability** of **bulbs.** 068355
exposure tests for **evaluating durability** of fi- 066552
Increasing durability of feed-grinding knives 071695
Relative durability of central, middle & out- 069544

DURRA
of urea to jowar variety Swarna. [**Durra**]. 072091

DURUM
SEE WHEAT

DUST
Effects of limestone **dust accumulation** on la- 066084
of compost from sawdust & **chipper-dust.** 066452
storing & handling grain & **controlling dust** 062587
There's more to **dust** than **dirt.** 072167
Studies on mite fauna of **house dust** in Scot- 070567
Acariologic fauna of **house dust:** results of a 071343
of mechanism of action of **inert dusts** of ins- 070302
Lime flour with **poor dusting** qualities & ec- 062538
Dust separators in wood industry. 066429
study on rice polishing & **wheat dust** as a s- 064720

DUTIES
Impact of **death duties** on rural industries in 062482
Track gauge of **heavy duty** tractors. 071538

DWARFISM
content & photosynthesis in **dwarf bean** Pha- 070225
experiments in peas & **dwarf beans.** 069966
observations on occurrence of oat **blue dwarf** 069724
efficiency in virus transmission. [**Blue dwarf** 070375
observations on occurrence of oat **blue dwarf** 070412
classification of **so-called dwarf** rice. I. Gro- 067296
Dwarf conifers: landscaper's boon. 068937
Performance of 2-**dwarf** & 3-**dwarf** grain sor- 068654
Over- -row harvester for **dwarf fruit** trees. [071519
Performance of 2-dwarf & 3-**dwarf grain** sor- 068654
Lagerstroemia indica L., **dwarf hybrids.** 068306
Canker of **dwarf mistletoe** swellings on west- 069273
A new distribution record for **dwarf mistlet-e** 070182
Three new host records for **dwarf mistletoes** 070107
study of structure of eggplant **mottled dwarf** 069716
in virus transmission. [Blue **dwarf, oats**]. 070375
classification of so-called **dwarf rice.** I. Gro- 067296
relationship between maize **rough dwarf** vir- 069710
performance of a standard & a **semi-dwarf** 068626
of productivity of some shrub, **dwarf shrub** 066840
in crosses involving Olesen's **Dwarf spring** 067105
dwarf virus & rice black-**streaked dwarf** virus 069710
nitrogen application on yield of **triple-dwarf** 072075
Spinach yellow **dwarf virus.** 069682
monolayers with potato yellow **dwarf virus.** 069708
virus & rice black-streaked **dwarf virus.** 069710
of structure of eggplant mottled **dwarf virus** 069716
of a standard & a semi-**dwarf wheat** cultivar 068626
Response of **dwarf wheat** (Triticum aestivum 072105
among yield components in **dwarf wheats.** 068727
Spinach **yellow dwarf** virus. 069682
cell monolayers with potato **yellow dwarf** vi- 069708

DYSDERCUS
fertility of **Dysdercus cingulatus** F. (Hetero- 070243
of migration in bugs of **genus Dysdercus.** 070989

DYSENTERY
Borrelia like organisms" in **pig dysentery.** 065692
Escherichia coli, **swine, dysentery**]. 065592

DYSPEPSIA
SEE INDIGESTION

DYSPLASIA
eminences in case of hip **joint dysplasia** in a 065942
invagination, a form of **retinal dysplasia** in 066011

DYSTOCIA
dystoia & effects of **dystocia** on **subsequent** 065013

DYSTROPHY
on occurrence of ketosis & **liver dystrophy** in 065982
Studies on **liver dystrophy** in high-producti- 065983
of feed-dependent **muscular dystrophy** in ra- 065949
Nutritional **muscular dystrophy** of cattle. 2. 065985

DYTISCIDAE
differentiation in larvae of **Dytiscidae** (Cole- 070999

EARIAS
Growth of cotton spotted **bollworm, Earias** 070321
moths of spotted bollworm of **cotton, Earias** 067978

EARLYWOOD
strain properties of **earlywood & latewood** h- 066551

EARNINGS
SEE WAGES

EARS
Causal fungi of rice **ear blighting** & factors 069556
from bovine knee joint & **ear cartilages**: seq- 064327
susceptibility in stalks & **ears** of **corn.** 069517
Ganglia in middle **ear** of **dog.** 064278
Chronic catheter in **pig ear.** [blood sampling 065281

EARTH
of plant growth & soil formation on **earth.** 067685
as an aid to management of **earth resources** 072488

EARTHWORMS
on Lumbricus terrestris & other **earthworms** 070718

EARWIGS
New discovery of **earwigs** (Dermaptera) in 071260

EATING
Creep gates help calves **eat better.** 064137
One turns to **eating** in **Italian** style with a 063272
Websorms--high powered **leaf eaters.** [Sugar- 070390
ruminal contractions during **resting, eating** 064407
Conditioning dairy cows to **eat tainted** grass 064673

ECDYSONE
Ecdysone induction of puffing activity in sal- 071071
Ecdysone-stimulated protein synthesis in lig- 070892
of Lepidoptera: effects of **ecdysones** in **vitro** 070929

ECHEVERIA
Echeveria gracilis Rose. 066651

ECHINOCEREUS
exchange in selected species of **Echinocereus** 067749

ECHINOCHLOA
in barnyardgrass. [**Echinochloa crusgalli** ory- 067834
of chemical control of **Echinochloa spp.** in r- 070175

ECHINOCOCCOSIS
On significance of **echinococcosis.** [Dogs]. 065660
in diagnosis of **echinococcosis** in **buffaloes.** [065502
On eradication of **echinococcosis** in **sheep** fr- 065681

ECHINOCYSTIS
Echinocystis lobata--a new reservoir of cuc- 069673
of cucumber mosaic on **Echinocystis lobata** 069723

ECOLOGY
Diptera). I. Biology & **ecology.** 070565
study of genitalia morphology & **ecology.** 070967
Ecology: consumer viewpoint. [Waste]. 072558
Raising of swine & **ecology:** purification of l- 072592
of Larix sibirica & factors of **ecology & age** 068586
Ecology of **annual** grass Setaria lutescens on 066823
seed transmission in **ecology** of some **aphid-** 069611
Applied ecological studies of shoreline veget- 066878
Applied ecological studies of shoreline veget- 066879
Applied ecological studies of shoreline veget- 066880
Applied ecological studies of shoreline veget- 066881
Applied ecological studies of shoreline veget- 066882
taxa & their **ecological background** in forests 066708
Ecological & behavioural comparisons of thr- 064281
Research on **biology, ecology** & control of c- 070458
to study of peach twig **borer ecology** (Anars- 070895
Age & **ecological changes** in flushing proces- 066868
Long-term **ecological changes** in sward com- 070078
Morpho-**ecological characterisitics** of digesti- 071105
Studies on **ecological characteristics** of horti- 068395
Notes **concerning ecology** of some thermoph- 070972
under different **ecological conditions.** 067083
under varying **ecological conditions** of Azer- 067847
Alatau relative to **ecological conditions.** 069567
crops under favourable **ecological conditions** 069909
Ecological considerations concerning damag- 070257
on history & **ecology** of **continental** Europe- 066706
I. Preliminary study on **ecology & control.** 069295
for performance under **different ecological** c- 067083
Ecological distribution of centers of major a- 066711
Vegetation & **ecology** of a **dolina** of forest of 066914
Evolutionary ecology of plants: a review. III 062800
Evolutionary ecology of plants. A review. IV 066832
Ecological factors affecting growth of Aleppo 068587
its hosts in relation to **ecological factors.** 070522
of green crops under **favourable ecological** c- 069909
Ecological features of plants in estuary area 066841
Foodplant ecology of butterfly Chlosyne lac- 070954
forest of Kustanai Region. [**Forest ecology**]. 066877
Problems of taxonomy & **ecology** of **gall** mi- 071122
of plants: a review. III. **Ecological genetics** 062800
On **ecology** of a **German** strain of Rhipicep- 071081
favouring development of **ecological group** of 066869
A possible set of **ecological guidelines** for e- 072575
Ecology of a new **insect** pest of citrus plant, 070414
Ecological inventory & data storage-retrieval 066899
Ecology & gamma **irradiation** of cabbage wo- 070507
A study on **ecology** of **melon** fly. [Dacus cu- 070428
Morpho-ecological characterisitics of digesti- 071105
mathematical elegance & **ecological naivete.** 067643
measurements & **ecological observations** in a- 066833
Ecological observations on damage caused by 070487
Migrations of weeds. [**Plant ecology**]. 066705
method of ordination. [**Plant ecology.** 066856
of sandy-desert terrain. [Soils, **plant ecology**] 066873
Sellrain Upper Valley, Tirol. [**Plant ecology** 066907
ecological naivete. [**Plant ecology**]. 067643
of sandy-desert terrain. [Soils, **plant ecology**] 071829
from Czechoslovak flora. [**Plants, ecology**]. 066895
animal husbandry from **ecological point** of v- 064138
Herbicides & **ecological reflections.** 070113
Ecological research on Babadag plateau (D- 066910
Faunistic & **ecological research** of Drosophil- 071334
Ecology of **rodents** in Tonga Islands. [Crop 069867
Distribution & **ecological stability** of groupi- 070975
Ecological studies on permanent pastures in 066847
Applied **ecological studies** of shoreline veget- 066878
Applied **ecological studies** of shoreline veget- 066879
Applied **ecological studies** of shoreline veget- 066880
Applied **ecological studies** of shoreline veget- 066881
Applied **ecological studies** of shoreline veget- 066882
Ecological studies on rice stem rot fungi. [069298
Ecological studies on Phytophothora cactor- 069470
Ecological studies on aphid, painted bug & 070326
Ecological & taxonomic survey of protococc- 066746
Long-**term ecological** changes in sward com- 070078
Ecology & USDA [U.S. Dept. of Agriculture 062938
Ecology of **variegated** grasshopper, Zonocer- 070825
persimmons under **varying ecological** condit- 067847
Ecology of **xylobiont** Tipulidae larvae. 070819

ECONOMETRICS
An **econometric analysis** of Wisconsin aspen 066443

ECONOMICS
spreaders--from point of view of **economics.** 071610
Directions for improving **economic activity** of 062416
Economic advantages of industralised wilted 062502
Home **economics advisory** work in a changi- 063285
Present **agricultural economic** situation in El 062162
applications in **agricultural economics.** 062229
Guyana. [**Agricultural economics**]. 062244
economic solutions. [**Agricultural economics**] 062251
function variables. [**Agricultural economics,** 062270
groupings. [**Agricultural economics**]. 062833
Economic use of **agricultural** trucks. 071534
Economic analyses of cover policies & fertili- 062554
Economic analysis of R.R.I.M. [Rubber Res- 062555
Analyzing economic indices. [Forestry]. 066239
Economic aspects of Japanese cattle in beef 062481
Economic aspects of sloping land drainage. 062537
Economic aspects of forestry of northern K- 066238
Economic aspects of sloping land drainage. 072430
of Council for Mutual **Economic Assistance** 062398
of Council for Mutual **Economic Assistance.** 062951
of Council for Mutual **Economic Assistance** 063161
of Council for Mutual **Economic Assistance** 065275
council for Mutual **Economic Assistance** 10 066289
of Council for Mutual **Economic Assistance** 072288
in Council for Mutual **Economic Assistance** 062985
Economic basis for forest utilization in group 066251
Value of **economics** in **bookkeeping.** [Poultry 062328
of production technique of **economic cattle** r- 062391
Economics of cattle fattening. 062485
Texas **cattle economics.** [Inventories]. 062814
How effective are **central economic** regulati- 066282
Effects of socio-**economic changes** in a Span- 062217
of area of Organisation for **Economic Co-op-** 062686
of Organization for **Economic Co-operation** 071669
Economics of **coffee** production in typical en- 062500
Economics of **commercial** vegetable culture 062526
forest products by **Economic Commission** for 066275
Britain into European **Economic Community** 062199
into EEC [European **Economic Community**] 062237
to th EEC [European **Economic Community** 062238
European **Economic Community.** [Trade]. 062634
EEC[European **Economic Community**] agric- 062635
European **Economic Community** & Indian c- 062682
policy in European **Economic Community.** 062837
policy of European **Economic Community.** 062838
E.E.C. [European **Economic Community**]. 062856
enlarged European **Economic Community.** 062859
to play. [European **Economic Community**]. 062873
policy of European **Economic Community.** 062983
Agriculture, European **Economic Community**] 062984
Brussels. [European **Economic Community**] 062988
industry of European **Economic Community** 063023
EEC [European **Economic Community**]--wh- 063083
Comparative economic effectiveness of sheep 062593
finance under new **economic condition.** [Tai- 062581
Evolution in social & **economic conditions** of 062262
Economic conditions of substitution for conf- 066434
aspects of judging **economic contributions** of 062487
treatments as a way to **decrease economic** ri- 069852
Economic democracy & its significance to da- 062945
technologies. [India, **economic development**] 062274
Land market & **economic development;** a ca- 062300
trade during **economic development** process 062767
agriculture in India's **economic development** 062901
of insufficient **economic development.** 066505
Economic effectiveness of mechanization of 062518
Economic effectiveness of mineral fertilizers 062522
Economic effectiveness of grain production 062528
dusting qualities & **economic effectiveness** of 062538
Economic effectiveness of capital investmen- 062568
Comparative **economic effectiveness** of sheep 062593
Increasing **economic effectiveness** of product- 062594
Biological & **economic effectiveness** of preg- 065148
Correct evaluation of **economic effectiveness** 066108
Economic effectiveness of all-purpose forest 066253
Economic effectiveness of joint application of 070143
Economic effectiveness of mechanization of 072063
Economic efficiency of organizing processing 062460
Economic efficiency of onion culture in Don- 062599
Allocation & **economic efficiency** of groats p- 062600
Economic efficiency of growing vegetables in 062601
principles for **environmental economics.** 072520
of Great Britain into **European Economic** C- 062199
of entry into EEC [**European Economic** Co- 062237
accession to th EEC [**European Economic** C- 062238
European Economic Community. [Trade]. 062634
EEC[**European Economic** Community] agric- 062635
European Economic Community & Indian c- 062682
agricultural policy in **European Economic** C- 062837
of agricultural policy of **European Economic** 062838
Milk industry & E.E.C. [**European Economic** 062856
of rice in enlarged **European Economic** Co- 062859
A part to play. [**European Economic** Comm- 062873
structural policy of **European Economic** Co- 062983
of ten. [Agriculture, **European Economic** C- 062984
approved by Brussels. [**European Economic** 062988
1973: Sugar industry of **European Economic** 063023
EEC [**European Economic** Community]--wh- 063083
Economic evaluation of crops & crop rotati- 062497
Economic evaluation of weaning baby pigs at 062580
Economic evaluation of results from experi- 064844
Significance of Rogow **economic experiment.** 066292
water pollution: its **economic feasibility.** 064017
Forest working plans, **forest economics,** & 066255
Economics of **growing** Fraser fir christmas t- 066262
performance & **economics** of **herbicide** trea- 069942
caterpillars of leaf rollers of **high economic** 070271
Home economics advisory work in a changi- 063285
Economic impact of cancelling use of 2,4,5- 062586
Economic importance of some Teucrium spe- 066685
of leaf rollers of high **economic importance.** 070271
Economic importance of second generation 070485
Additional sources for **improving economics** 062369
Directions for **improving economic** activity of 062416
Economic incentive for developing manufact- 062595
Increasing economic effectiveness of product- 062594
foodgrain technologies. [**India, economic** de- 062274
Significance of **economic indices** in plant pr- 062468
to sugar content on **economic indices** of beet 062569
Analyzing **economic indices.** [Forestry]. 066239
Significance of **economic indices** in plant pr- 069929
in superaction of **insufficient economic** devel- 066505
Socialist **economic integration** & outlook for 062950
Economics of **intercropping** hybrid sorghum 062478
Some aspects of **judging economic** contribut- 062487
facility investments & **labor economics.** 062536
Determining optimum **economic life** of lives- 062306
variables. [Agricultural **economics, linear** pr- 062270
Economic loss & efficiency of measures relat- 071414
in district of Tolbukhin: **Economic losses.** 065982
in district of Tolbukhin: **Economic losses.** 065983
countries of Council for **Mutual Economic** A- 062398
countries of Council for **Mutual Economic** A- 062951
production in Council for **Mutual Economic** 062985
countries of Council for **Mutual Economic** A- 063161
program of Council for **Mutual Economic** A- 065275
within council for **Mutual Economic** Assista- 066289
countries of Council for **Mutual Economic** A- 072135
countries of Council for **Mutual Economic** A- 072288
Economics of **nitrogen** fertilization to irriga- 062531
preliminary studies in **economics** of **nitrogen** 072092
Determining **optimum economic** life of lives- 062306
indices used in **economics & organization** of 062606
Economics & planning for kitchen garden. 069031
Environmental policy as **economic policy.** 072521
market crisis: **Economic** but also **political** r- 062742
Economics of **possible** soil erosion control in 072343
Market potential, **production economics].** 062585
Economic profitability of advisory service in 062472
Economic prospects of Michigan farmers. 062952
Technical & **economic prospects** offered to i- 069124
Economics of **recommended** management pr- 062493
Economic reform & marketing of products f- 062687
On **regional economics** of sugar beet cultivat- 062608
effective are central **economic regulations** in 066282
Economic research problems & long-run res- 063004
as a way to decrease **economic risk** of fruit 069852
Significance of **Rogow economic** experiment. 066292
Economic sides of forest fertilizing. 072200
Present agricultural **economic situation** in El 062162
Socialist economic integration & outlook for 062950
Effects of **socio-economic** changes in a Span- 062217
evaluation of **economic solutions.** [Agricultu- 062251
Economics of **soybeans** for processing in N- 062549
An **economic survey** of three villages in Zar- 062212
An **economic theory** of pollution control. 072582
Repeatability of some **economic traits** in Sa- 065005
Certain biological features & **economic traits** 068858
On **economic valuation** of efficiency of pure 062584
Economic value of population of Dioscorea 067810

ECONOMISTS
Summary report of **forest economists** in To- 066210
An **economist looks** at raisin & fresh grape 062783
on peasant farms-an **economist's view.** 070009

ECONOMIZATION
Can we **economize** on **feed** for laying hens? 064668

ECONOMY
Aircraft in agriculture--is use **economical?** 062545
Control of **economical aspects** of sheep farms 064223
Zoo-**economy attempts** throughout ages. 064208
criteria for dairy **cattle economical?** 062483
An **economical character** of forestry manag- 066206
Ensuring economy through cooperation. 062358
Economical evaluation of effectivity of pure 065134
Economical fattening of lambs with an anab- 064857
Main elements of **food economy** organization 062992
reserves of forests in **economy & future** deve- 066230
Grain economy in Canada. [Foreign trade] 062739
Purpose of cooperatives in **growing economy** 062466
to mechanical milking. 1. **Labor economy** p- 071671
in forestry & wood-based **economy** in **Latin** 066080
Estimation of **economical losses** caused by 070383
planting--an **economy** in **management** with a- 066385
Main elements of food **economy organization** 062992
Economical & organizational aspects of dep- 062320
Aspects of **political economy** in relation to 069801
Approaches to a **political economy** of enviro- 072550
milking. 1. Labor **economy problems** of milk- 071671
lupine: A uniquely **economical protein** source 064780
of planning & **economical regulations** in fore- 066281
Performance & **economy related** to time of 065054
Economical significance of growth hormones 064670
economical means of **transportation?** 071620
Forage lupine: A **uniquely economical** prote- 064780
Determination of **economical usefulness** of s- 066477
chock in Larix: growth & **water economy** af- 068606
Forecasts & planning **water economy.** 072441
Zoo-economy attempts throughout ages. 064208

ECOSYSTEMS
desert disjunctions. [**Ecosystem**]. 066851
of carbon & nitrogen in **forest ecosystems.** 066863
metal elements in two **heath ecosystems.** [C- 066857
Ecosystem perspectives in forestry. 066835
Ecosystem policy & problem of power. 072519
Energy flow in a woodland **stream ecosystem.** 070768
Effects of herbicides on **turfgrass ecosystem** 070144
environmental factors in **various ecosystems.** 066916

ECOTYPES
factors in species & **ecotype differentiation** 066853
Effects of flooding an **ecotypes** of **Eucalyptus** 068588
growth in four **ecotypes** of **Paspalum** distich- 067548
germination of two **ecotypes** of **Portulaca** ol- 067728

ECTOPARASITES
of drugs used to **control ectoparasites** of do- 065571
Ectoparasites in **dogs** & cats. 070641

ECZEMA
Occupational eczema in veternarians. 065279

EDEMA
Prophylaxis **against edema** disease in baby 065994
Clostridium oedematiens infection in cattle 065720
Study of **edema disease** in baby pigs. 065814
Oedema on **geraniums**--a review. 069790
Rarely observed cases of **pathologic oedema** 065980
observations on **pulmonary oedema** of fatten- 065550

EDIBLE
SEE FOOD

EDUCATION
modern & comprehensive. [**Education**]. 062146
experience programs. [**Education**]. 062147
Where do we go fram here? [**Education**]. 062149
State costs of & benefits from **education.** 062186
soil science in Union republics. [**Education**] 071937
os shows & tours in **agricultural education.** 062205
Cooperative **agriculture education** in a total 062144
Carer education: supervised agricultural exp- 062145
respond to **educationally disadvantaged.** 062150
10 Years of **forestry education** & training at 066142
Management education also for agriculture? 062304
School lunch--a tool for **nutrition education** 063279
Education & occupation of farm children in 062135
actual state of **professional education** & rese- 066080
program? [Agriculture **teachers, education**]. 062143
para-professionals in **vocational education.** 062142
Cooperative **vocational education** in conserv- 072350

EFFLUENT
findings on purification of **milk effluents.** (3 072495
Yearly survey of **milk effluents.** 072496
degree of pollution from **milk effluents.** 072497
of avian encephalitis, in hot **spring effluents,** 065585
fatty acids in **wastewater effluents.** 072617

EGGPLANTS
Hybrid vigour in **brinjal.** 067266
heterotic effect in F1 generation of **eggplant** 067384
controlling flower formation in **eggplant.** V. 068396
Sapra, infesting brinjal in Punjab. [**Eggplant**] 070448
A study of structure of **eggplant mottled** dw- 069716

EGGS
Production & export of **eggs** in 1972. 062643
Food toxic infections through **eggs.** 063074
Egg shell & composition of **egg.** 063679
some biochemical indices of their **eggs.** 065725
to cesium-137. I. Irradiation of **eggs:** effects 070571
Suitability of **eggs** of **Anagasta** kuhniella Z. 070849
of environment from **ascarid eggs.** [Ascaris l- 065553
for recovery & transfer of **bovine eggs.** 064963
Egg characteristics & body size in crane-flies 070814
Isolation & fractionation of **chicken egg** whi- 063682
function of shell membrane in **chicken egg** in 065478
thread on oviposition & **egg composition** in 064290
Cost price of **egg consumption** in Belgium. 062633
drugs in milk, meat & **eggs** & their **control.** 063029
Research into tubal pig **eggs fertilised** in vit- 064951
Morphology of **egg formation.** [Poultry]. 064389
Mineral metabolism & **egg formation.** [Poul- 064392
Physiology of **egg fromation.** [Poultry]. 064390
Examination of irradiated **frozen eggs** during 063684
Rationale for baking wheat-, **gluten-, egg-,** & 063301
free flock by dipping of **hatching eggs** in ery- 065494
temperature of storage of **hatching eggs** on l- 065569
Tests on fumigating **hatching eggs** with for- 065652
emulsifying characteristics of **hens' egg** yolk 063688
Resistance of **eggs & imago** of sawtoothed g- 070586
studies on production of **eggs** at **industrial** p- 065317
Supply & disposal of **eggs** in **Japan.** 062650
developments in United **Kingdom egg** market 062651
A hybrid dragonfly bred from **egg laid** by S- 071050
Mode of penetration of an **egg-larva** parasite 070846
effect: Association with egg **laying, egg** weig- 064944
in crosses of lines of hens of **egg-laying** type 065093
choosing a color for medium of **egg laying** of 071058
Diurnal rhythm of **egg laying,** hatching of la- 071100
like polysaccharide in **eggs** of **Locusta** migra- 070893
in United Kingdom **egg market.** 062651
of some nematicides on **eggs** of **Meloidogyne** 069808
Encyrtidae) in gypsy **moth eggs** killed with 071082
Hymenoptera: Mymaridae), an **egg parasite** 070402
Hymenoptera, Eupelmidae), **egg parasite** of 071101
Physic chemical properties of **pheasant eggs** 064403
Research into tubal **pig eggs** fertilised in vit- 064951
Eggs & poultry & fur bearing industries in 062957
Michigan's **egg & poultry** industry--now & in 062958
seasonality in production of **eggs & poultry** 064241
Reduction in number of **egg producers.** 062824
Changes of **egg production** & marketing stru- 062620
Egg shell & composition of egg. 063679
of age of chicken on quality of **egg shell** in 064405
agent in embryonating **turkey eggs** & cell cu- 065390
fractionation of chicken **egg white** ovomucin 063682
emulsifying characteristics of hens' **egg yolk** 063688
on free amino acid content in **egg yolk.** [Lay- 064624
in aqueous licithin dispersions. [**Egg yolks**] 063677

EICHHORNIA
by spider mites. [**Eichhornia crassipes,** Tetr- 070043

EIGENVECTOR
Reciprocal averaging: an **eigenvector method** 066856

EIMERIA
Eimeria necatrix in soil content of laying h- 065658
of developmental stages of **Eimeria tenella** in 065374

EJACULATION
disease virus with **ejaculate** of **artificially** in- 065676
of breed, age, & **ejaculation frequency** on bo- 064962
masturbation method & on **ejaculation reflex** 065182

EJECTION
Ejection of **milk.** 064381

ELAEAGNUS
Alkaloids of **Elaeagnus angustifolia.** 067532

ELAEIS
vitro cultivation of cells of **Elaeis guineensis** 068084

ELASTASE
acid sequence of porcine **pancreatic elastase** 064312

ELASTICITY
holes, & grain orientation on **elastic bearing** 066550
Elastic constants of poplar wood--Populus 066424
of reaction woods. 1. **elastic constants** of To- 066457
wooden sheet materials. 2. **elastic constants** 066458
of motion of plow body on an **elastic depth** 071692

ELASTOMERS
New castor oil-based **urethane elastomers.** 063382

ELATERIDAE
obscurus Linneaus (Coleoptera: **Elateridae**) 071033
Elateridae (Coleoptera) from Canadian Nep- 071294
Agriotes lineatus (L.) **(Coleoptera Elateridae)** 070837
tribus n. **(Coleoptera, Elateridae).** 071370

ELBOWS
Cysplasia of **elbow** in **dog.** 066004

ELDERBERRIES
Importance of **elderberries as a raw** material 063922

ELECTRICITY
comes from guess-work. [**Electricity**]. 069131
Electrical conductivity of vaginal mucous m- 064584
problem of examining **electrical conductivity** 066476
Observations of **electrical conductivity** of tr- 071783
to everyday turkey. [**Electric equipment**]. 064196
Electrical excitation of nuclei of vagus nerve 064269
Role played by **electrical excitation** reaction 068165
Experience gained with new **electric fencing** 071498
Construction of an **electric germinator.** [Pa- 067744
Electric heating for livestock buildings. 071484
measurement of **electrical impedance** of alfal- 067927
Relation between **electric impedance** of app- 069613
Variations of **longitudinal electrical** resistan- 067654
of **electrically & morphologically** polar cary- 067992
Electrical properties of cotton. 063827
cottonseed by **electrical treatment.** 067956
hygrograph readings to **electric values.** [Pla- 067577

ELECTRIFICATION
Electrification of **Agriculture.** 071496
development of **extensive electrification** of a- 071461

ELECTROCARDIOGRAPHY
Electrocardiographic control of pregnancy d- 065160
Electrocardiography for **diagnosis** & control 065918

ELECTRODES
sulphide in beer with **selective electrode.** 063406

ELECTRODIALYSIS
cottage cheese whey by **electrodialysis.** 063524

ELECTROENCEPHALOGRAPHY
Electroencephalographic analysis of central 064252
Electroencephalographic correlates of a met- 065905

ELECTROKINETICS
microelements on **electrokinetic properties** of 068343

ELECTROLYTES
Blood electrolytes in cattle-serum sodium & 064398
Electrolyte level in blood plasma of White 064558
picture, uric acid & some **electrolytes level** 065887
Water-electrolyte & acid alkaline balance in 066009

ELECTROMAGNETIC
Effects of micro-**electromagnetic fields** on pl- 068291
frequency of **electromagnetic fields** within r- 071063

ELECTRONICS
Electronic computer in foreign forestry. 066252
Electronic controlling in wood working indu- 066462
raw milk quality by **electronic count** of mic- 063145
Electronic counting of microcolonies in milk 063045
of fertility rate by means of **electronic data** 065130
unit cost accounting with **electronic data** pr- 066182
Wood drying controlled by **electronic data** p- 066466
Evaluation of an **electronic guidance** system 070238
transformer] **electronic micrometer** for apple 069053

ELECTRONS
malodinitrile on primary **electron acceptor** of 068269
as a function of **electron acceptor.** II. Accep- 068274
as a function of **electron acceptor.** III. A di- 068275
Relationship between non-**cyclic electron** tr- 068429
Electron-cytochemical demonstration of acid 067600
in solutions of various **electron densities.** 069653
of cytochrome b559 & **electron donors** in ch- 068270
by means of X-ray **microanalyser electron** m- 067652
Electron micrography of bud formation in 066987
for scanning **electron microscope** determinat- 066806
artificial substrates--an **electron microscope** 066952
as seen with scanning **electron microscope.** 067046
of X-ray microanalyser **electron microscope** 067652
Electron-microscopic studies into problems 063632
An **electron microscopic** study of histogenes- 064409
Electron-microscopic studies into problems 065278
Scanning **electron microscopic** features of h- 065392
Scanning **electron microscopic** studies of Pa- 065534
Electron microscopic study of a spirochete i- 065618
An **electron microscopic** study of pigeon her- 065903
Light-optical & **electron microscopic** study of 067055
Screen **electron microscopic** study of ticks. 071035
Electron microscopic investigation of nuclear 071404
scanning **electron microscopy.** 063442
Scanning **electron microscopy** of erythrocyt- 065381
Electron microscopy of intestinal epithelial 065446
pollens with scanning **electron microscopy.** 066933

Scanning **electron microscopy** of silica bodies 066947
Electron microscopy of cytoplasmatic inclus- 069647
activities in **mitochondrial electron**-transfer 068461
bromo-malodinitrile on **primary electron** ac- 068269
by transmission & **scanning electron** micros- 063442
granules as seen by both **scanning electron** 063443
Scanning electron microscopy of erythrocyt- 065381
Scanning electron microscopic features of h- 065392
Scanning electron microscopic studies of Pa- 065534
Complements for **scanning electron** microsc- 066806
of pollens with **scanning electron** microscopy 066933
Scanning electron microscopy of silica bodies 066947
longiflorum as seen with **scanning electron** 067046
Screen electron microscopic study of ticks. 071035
cotton as measured by ESR [**electron spin** r- 063826
activities in mitochondrial **electron-transfer** 068461
Trypsin inhibition of **electron transport.** [Ch- 068264
Electron transport & photophosphorylation 068274
Electron transport & photophosphorylation 068275
between non-cyclic **electron transport** & ph- 068429
mottle virus in solutions of **various electron** 069653

ELECTROPHORESIS

gel & zeolites by gel-**agar electrophoresis** m- 071875
Electrophoretic analysis of milk proteins in 063480
Comparative electrophoretic investigations 065316
wine by polyacrylamid **gel electrophoresis.** 063982
by polyacrylamide **gel electrophoresis** during 063994
simple & rapid zone **electrophoretic method** 069607
proteins by **polyacrylamide electrophoresis.** 063981
Electrophoresis of **protein** fractions from bo- 065030
Protein electrophoresis as an aid to oat vari- 067975
Electrophoresis of **serum** proteins on cellulo- 064279
Electrophoretic studies of proteins of leaves 068201
Genetics of **electrophoretic variants** in Avena 067289

ELECTROPHYSIOLOGY

for **electrophysiological investigation** based 070808

ELEMENTS

Biological turnover of **ash elements** & nitro- 068565
crops in biological turnover of **ash elements** 071838
between **biological elements** of pea plant pr- 068504
study of two **cellular elements.** 071410
Using **elements** of **comparison** in spectrogra- 071832
Variations in mineral **elements content** of al- 067897
Trace **elements deficiencies** in hay from recl- 068206
Three most essential **food elements** for a ma- 072205
Content of **inorganic elements** in inoculated 069608
Main elements of food economy organization 062992
Some **elements** on **management,** production 064209
Terraces as **element** of **meliorative** condition 071451
in trace-**element metabolism** in metal toxicit- 069762
of organic matter & **metal elements** in two 066857
Absorption of some **mineral elements** by Ne- 067857
Variations in **mineral elements** content of al- 067897
Supplying **minor elements** in winter feeding 064875
of plants. I. Sampling. [**Minor elements**]. 067741
of hop cultures with **minor elements.** 072058
Building with **prefabricated elements** in swi- 071425
Efects of some **rare elements** on nicotine co- 068118
to forest as dominating **recreational element** 066176
Relict element of flora of Crete & its evolut- 066694
compounds of **secretory elements** of cow vag- 064540
Effect of **trace elements** on development of 067696
Trace elements in Northern Ireland: effects 067878
Trace elements deficiencies in hay from recl- 068206
Influence of some **trace elements** on growth 068210
organizing experiments with **trace elements** 068332
Effect of **trace elements** on development of 069424
Interrelationships in **trace-element** metaboli- 069762
Working elements & working methods of bu- 072052

ELEVATORS

controlling dust in **commercial elevators,** 19 062587
Morphology of an **elevator** & a **depressor** m- 070902
were prices paid by state **grain elevators** & 062753

ELMS

soil treatment against Dutch **elm disease.** [069508
Suppression of **elm phleom** necrosis sympt- 069878

ELODEA

SEE HYDROCHARITACEAE

ELONGATION

stem cells at various stages of **elongation.** 067044
Elongation factor 2 content of mammalian c- 064419
Temperature effects on **hypocotyl elongation** 067968
plants. 1. **Hypocotyl elongation** & cotyledon 068395
relation of number to **elongated internodes.** 066995
stimulation of pollen-**tube elongation** in dou- 068584

ELONGATUM

Host) Beauv. & **Agropyron elongatum** (Host 067890
Puccinellia capillaris, **Agropyron elongatum,** 072301

ELYMUS

grass genera Agropyron gaertn. & **Elymus** L 067890

EMBRYO

during development of **adventive embryos** of 066935
growth of chicken **embryo cells** preincubated 064364
on Muellerian ducts of **chick embryo.** 064339
provoked by estrogens in **chick embryo.** 064340
Calcium regulation by **chick embryo;** an exp- 064342
primitive erythroid cells from **chick embryo.** 064347
study of neural induction in **chick embryo.** 064361
dehydrogenase activity in **chick embryo** me- 064487
inhibition of cell motion. [**Chick embryos**]. 064499
in developing brain. [**Chick embryo**]. 064526
in cell cultures. [**Chick embryos**]. 065475
of Ranikhet disease virus in **chick embryo** fi- 065503
Incidence of antibodies to **chick embryo** let- 065520
activity of coccidiostats on **chick embryos.** 065803
of pigeon herpesvirus in **chick embryos.** 065903
in eye, cartilage & skin of **chicken embryo.** 064355
Semisynchronous growth of **chicken embryo** 064364
celom in fourteen to thirty-four **day embryo** 071520
Development of **endosper, embryo** & seed c- 067607
disease virus in chick **embryo fibroblasts.** 065503
Braconidae), into **embryo** of its **host,** Anaga- 070846
of antibodies to chick **embryo lethal** orpan v- 065520
from Drosophila **melanogaster embryos.** 070899
activity in chick **embryo membranous** labyri- 064487
acid metabolism in **embryo** of **milkweed** bug 070809
induction of zygotic **multiple embryos** in Co- 067276
Intrauterine migration of **pig embryos** in lit- 064964
on early development of **rabbit embryo.** 064979
development of **embryo sac** in Withania so- 067019
Temperature, fruit set, & **embryo sac** develo- 068247
Distribution of **embryos** between **sides** in sw- 064961
of in vitro cultivation of coffee **tree embryos** 067472
irradiation of components of **wheat embryo** 067910

EMBRYOGENY

triphosphate level in **embryogenesis.** 071407
LDH) during **embryogenesis** of **Acheta** dom- 071070
sodium chloride on **somatic embryogenesis** 068342

EMBRYOLOGY

auricomus s. L. W. Koch. I. **Embryology.** 067346
Cytological, embryological observations of 067058
Embryology of **sheep.** III. respiratory syst- 071520

EMBRYONY

Morphology of post-**embryonic bursa** of Fab- 064571
of Drosophila melanogaster **embryonic cells** 071041
Embryonic development in two species of C- 070944
on post **embryonic development** & reproduct- 071052
of glycogen in **embryonic liver** of various br- 064507
hatchability, fertility & **embryonic mortality** 065004
Nucellar embryony in citrus. 067344
of various breeds during **post-embryonic** per- 064548

EMIGRATION

due to **emigration & restructurization** of po- 062173

EMISSION

Swine production & problems of **emission.** 064113
Monitoring emissions of municipal garbage 066157
for plants--problems of **emission research.** 069802
Properties of **solid emissions** in coking plant 072597

EMPIDIDAE

albiseta-group (**Deptera, Empididae**). 071120

EMPLOYMENT

World Food Programme & **employment:** ten 062934
techniques **employing antibody** to bovine ne- 064352
Employer-employee mystery. [Forest indust- 066188
microingredients for **feedstuffs employed** in 065651
Employment in **individual** farming. 062226
to extension of **unemployment insurance** to 062548
Job of **promotion** & advertising. [Artificial i- 065048

EMPOASCA

Auchenorrhyncha, Cicadellidae). [**Empoasca** 071116

EMULSIFIERS

Effect of some **emulsifiers & stabilizers** on c- 063535
of mixing time & **emulsifier** on **yellow** layer 063300

EMULSION

A review of factors **affecting emulsifying** cha- 063688
Use of squid in **meat emulsions.** 063629
Wax **emulsions provide** good production. [066571
state of protein-**stabilized emulsions:** depen- 063400
Ultrasonic emulsification of petkolin. I. Pure 070715
Rheological properties of **emulsion viscoses.** 066520
Rheological properties of **emulsion viscoses.** 066521

ENCAPSULATION

Potato **starch encapsulation** with polyethyle- 064015

ENCEPHALITIS

gallopava, a cause of **avian encephalitis,** in 065585
aspects of Venezlelan **equine encephalitis.** 065399
fixing antigens of **Japanese encephalitis** & c- 070812

ENCEPHALOMALACIA

of chicks to **encephalomalacia** of **nutritional** 064684

ENCEPHALOMYELITIS

of Malagasy **porcine encephalomyelitis** virus 065620

ENCEPHALOPATHY

Transmissible **mink encephalopathy:** studies 065510

ENCYRTIDAE

Timb. Hymenoptera: **Encyrtidae** in **Barbados,** 070323
kuwanae Howard (**Hymenopters, Encyrtidae**) 071082

ENDEMIC

Endemism in **flora** of Canary Islands. 066693
Generic endemism of mycoflora in Kazakhst- 066730
Endemism in **genus** Alchemilla in Europe. 066703
Endemism in **montane** floras of Europe. 066696
Outlook for use of **endemic plants** of Azerba- 069059
Evolution & **endemism** in New **Zealand** spec- 066700

ENDIVE

A new method of **breeding Witloof** chicory. 067079

ENDOCRINE

in relationship among **certain endocrine** gla- 064369
carcass merit, **certain endocrine** factors & b- 064413
of function of **endocrine glands.** [Laboratory 064249
An analytical study of **neuro-endocrine** syst- 071096
Contribution to study of **endocrine role** of a- 070777

ENDOGENY

Factors **affecting endogenous** plasma oxytoc- 064427
Ability of **binding endogenous** water in fish 063429
in Acer. Changes in **endogenous cytokinins,** 068545
for **determination** of **endogenous** fecal phos- 064565
Changes of **endogenous gibberellins** in rice p- 067947
in pigs after **endogenous phosphorus** determ- 064589
faecal nitrogen & **endogenous urinary** nitrog- 064247

ENDOMETRITIS

On incidence of **endometritis** in **cows.** 065822

ENDOMYCES

from **Endomyces magnusii.** 067838

ENDOPARASITES

Serodiagnosis of **endoparasites significant** for 065433

ENDOPHYTES

In vitro growth of **Endophyte Acrochaetium** 067738
I. isolation of **endophyte & synthesis** of my- 067733

ENDOSPERM

Size of seed germ & **endosperm** in **Fo** hybri- 067361
materials in **endosperm** of **germinating** oat 068120
in **nonphotosynthetic endosperm** of germinat- 067768
investigation of **endosperm** in two **onion** spe- 067049
storage proteins in **endosperm** of **repening** c- 067841
spherosomes in **endosperm** of **Ricinus** comm- 067828
enzymes in maize **sprout endosperm** during 067894
of loss & pattern of **endosperm variegation.** 067287

ENDOSULFAN

on carbaryl, DDT & **endosulfan residues** on 070450

ENDOTOXINS

cell & substances similar to **endotoxins.** [Ra- 065690

ENDRIN

Bioaccumulation of **endrin** from **natural** food 070730

ENERGY

I in isolated chloroplasts. **And energy**-conse- 068276
wheat dust as a source of **energy** in **chick** ra- 064720
chloroplasts. And **energy-conserving** step in 068276
How is **energy deficit** eliminated after calvi- 064876
Utilization of **dietary energy** in laying hens 064636
Influence of concentration of **dietary energy** 064739
of coarse milled feed in high **energy feed** rat- 064915
A program of high **energy feeding** for dairy 064706
Energy flow in a woodland stream ecosystem 070768
output of primary act of **energy formation** in 067407
A program of **high energy** feeding for dairy 064706
of coarse milled feed in **high energy** feed rat- 064915
High-energy state of thylakoid system as in- 068267
Radiant **energy-induced**-changes in bovine 063624
Effect of level & pattern of **energy intake** d- 064616
Effect of protein & **energy levels** on nitrogen 064919
frequency of feeding on **energy metabolism** 064658
by chickens of **metabolizable energy** in relat- 064843
Energy & nutrient requirements for pregnan- 064693
in vitro: physical & **energy parameters.** [Av- 068450
space & **energy** of **photophosphorylation.** [S- 068163
of body, brain & **energy** of **physiological** pro- 064583
Energy & protein metabolism of pigs growi- 064287
Radiant energy-induced-changes in bovine 063624
Energy rating of milk productivity of cows. 064233
Energy requirement of sows for lactation. 064698
Energy requirement of mares for lactation. 064699
Energy requirements in lactation. 064697
Energy requirements for growth. [Livestock] 064703
Availability of **energy** to **sheep** from artificia- 064586
Influence of **energy source** & physical form 064662

High-**energy state** of thylakoid system as in- 068267
diets of foods of plant origin **whose energy** 064721

ENGINEERING
Role of **agricultural engineering** in agricultu- 062413
attendance in **agricultural engineering.** 071438
Microbiology & **agricultural engineering.** 071456
Agricultural engineering & machine industry 071457
Agricultural engineering tomorrow or mech- 071458
Agricultural engineering in Finland. 071472
Agricultural engineering & apprenticeship. 071473
Agricultural engineering in North America. 071474
Agricultural engineering in Finland. 071475
Institute of **Agricultural Engineering**] Mk II 071600
Engineering & conservation in Snowy Moun- 072572
measurement & control. [**Forest engineering** 066185

ENGINEERS
set of ecological guidelines for **engineers.** 072575
Need of **agricultural engineers** in future dev- 071434
Basic knowledge for **agricultural engineers.** 071852

ENGINES
Engine power in operation of a tractor with 071691

ENSILAGE
SEE SILAGE

ENTERIC
Escherichia coli in cases of **acute enteritis** of 065677

ENTEROBACTERIACEAE
for identification of **Enterobacteriaceae.** 065650
Bacteria Serratia macrescens Bizio responsi- 070557

ENTEROPATHY
Enteropathogenic Escherichia coli in man & 065438
Enteropathogenic serotypes of Escherichia 065677

ENTEROTOXEMIA
On problem of **anaerobic enterotoxemia** of 065812
welchii type "D" **enterotoxaemia** in **calves.** 065492
medium. [Sheep, **infectious enterotoxemia**]. 065762

ENTEROTOXINS
aureus & production of **enterotoxin.** 063032
Staphylococcal enterotoxin: A comparative 063054

ENTEROVIRUSES
sero-group A) & an-**adenoor enterovirus** in 065521
Distribution of **pig enteroviruses** in farms of 065575
Isolation of **enteroviruses** from **swine.** 065830

ENTOMOLOGISTS
Alvah Peterson (1888-1972). [**Entomologists**] 070958
Schimitschek 75 years old. [**Entomologists**] 071074
memory of Oldrich Sustera. [**Entomologists**] 071085
An **entomologist** in **Radnorshire,** 1971. 071178

ENTOMOLOGY
research. Series III. Part one. **Entomology.** 070261
Congress of **Entomology, Cranberra,** August 070282
Entomological impressions from Far East (070840
Pesticides for **medical entomology.** 070607
development of **Entomological Society** of Q- 070839

ENTOMOPATHOGENIC
peculiarities of **entomopathogenic fungus** M- 067694
development of **entomopathogenic fungus** B- 067695
peculiarities of **entomopathogenic fungus** M- 070265
development of **entomopathogenic fungus** B- 070266
larvae & its **entomopathogenic properties.** [070631

ENTOMOPHAGOUS
Behavior of parasite-**entomophagous insects** 070297

ENTOMOPHTHORACEAE
stages of **Entomophthora exitialis** hall et D- 070240
of nucleic acids in **fungus Entomophthora** th- 067683

ENTREPRENEURS
Entrepreneurship in **food** industry, 1972--20 062701

ENVIRONMENT
Agriculture & **environment.** 062184
Microorganisms in **environment.** 063154
Domestic animals & their **environment.** 064457
of beterinary medicine to **environment.** 065236
of mercury contamination of **environment.** P- 066504
between forest trees & **environment.** 068555
Plant & its **environment.** [Dianthus caryop- 069545
to its safety to crop & **environment.** [Weed 070135
of commercial fertilizers & **environment.** 072197
of beterinary medicine to **environment.** 072498
to a political economy of **environment.** 072550
Agriculture & **environment.** 072553
of mercury contamination of **environment.** P- 072565
Microorganisms in **environment.** 072568
discussion on "development & **environment**" 072599
of commercial fertilizers & **environment.** 072605
Environment & **agriculture.** 072590
for disinfection of **environment** from **ascarid** 065553
dependent on **environment** & **association** of 067899
in changing **Australian environment.** 071004
Environment & its **biological** significance. 072581
Effect of **biophysical environmental** conditio- 070526
of crossbreeding & **certain environmental** fa- 064935
Leyte) as affected by **certain environmental** 069679
within controlled-**environment chambers** as 067483
conditions of **environment** on **chemical** com- 067806
affected by certain **environmental conditions** 069679
of biophysical **environmental conditions** on 070526
Environmental conditions & resistance of P- 070543
of biophysical **environmental conditions** on 070766
on Stockholm **environmental conferences.** 072517
dimorphism & its **environmental control** in 070969
plant growth within **controlled-environment** 067483
to you? [Livestock, **controlled environment**] 071455
Controlling environmental parameters for o- 072016
Forestry in **environmental decade.** 066125
husbandry by **designed environment.** 064162
projets & **environmental disruption:** case of 072551
principles for **environmental economics.** 072520
of beef cattle in an **enclosed environment.** 064157
reference to effects of **environmental factors** 063055
with reference to **environmental factors** of 064556
with reference to **environmental factors** of J- 064561
certain **environmental factors** on multiple bi- 064935
with reference to **environmental factors** of 065361
with reference to **environmental factors** of J- 065364
Effect of **environmental factors** on algae co- 067400
Influence of **environmental factors** on distri- 067639
*** 067641
bodies in relation to **environmental factors** 069468
Environmental factors regulating ascospore 069493
relationship between **environmental factors** 069705
Effect of **environmental factors** on performa- 069982
relationship between **environmental factors** 070401
Effect of some **environmental factors** on cha- 071002
Environmental factors influencing ion trans- 071807
of its parasitoids within a **forest environment.** 070844
of genotype & **environment** on **fromation** of 064928
Genotype-environment interaction in sheep. 063614
sativus L. II. **Genotype-environment** interac- 067324
Phycitidae) in **gradient environments.** [Nige- 070977
Effect of **growth environment** on gas exchan- 068575
Horse, environment & stall: consideration on 071433
Causal agents & **environmental influence** to 069383
Genotype-**environment interaction** in sheep. 063614
L. II. Genotype-**environment interaction.** [067324
Genotype X **environment interactions** in beef 065008
Environmental lead. · 072506
Specific flora of **environment** of **Liubytino** s- 066818
of genotype & **environment** in **livestock** bre- 065067
on limitations of **National Environmental** P- 072512
organisms in **natural environment.** 065731
problem of changes in **natural environment.** 066891
Controlling **environmental parameters** for o- 072016
Definition of **physical environment** for typic- 069101
poultry dressing **plant environments** in Phil- 063159
of National **Environmental Policy** Act. 072512
Environmental policy as economic policy. 072521
Peninsula. [**Environmental pollution**]. 071730
in relation to **environmental pollution.** 072563
by alarm. [**Environmental pollution** United 072620
Toying with **environment & poor:** a report on 072517
fertilizers & **environmental preservation:** pr- 072603
Forest-range **environmental production** anlyt- 066303
A contribution to **environmental protection.** 065663
Plant **protection--environmental** protection. 069754
Plant **protection-environmental** protection. 069811
from point of **environment protection.** 070689
Pesticides & **environmental protection.** 070710
from point of **environment protection.** 072510
Plant protection-**environmental protection.** 072531
heritage trust. [**Environment protection**]. 072544
Environmental protection in agriculture & f- 072562
studies on technical **environment protection** 072593
in protection of **environment & public** health 065226
Land use & **environmental quality**--crisis & 062284
Forest-**range environmental** production anlyt- 066303
Arboreta--their **environmental role.** 066574
of social & professional **rural environment** as 062207
in normal & stress **seeding environments.** 068239
poor: a report on **Stockholm environmental** 072517
Integrated studies on **technical environment** 072593
Effects of **environmental temperature** & diet- 064343
*** 064345
Environment thing. 072574
feeding planes in a **tropical environment.** 064880
Genetic & **environmental variability** in some 067135
Environmental & **varietal** differences in dias- 068048
Environment & **zoonoses.** 065653

ENZOOTIC
On problem of nature of **enzootic** (viral) br- 065577
carriers of pathogen of **enzootic abortion** in 065772
in treatment of **enzootic bronchopneumonia** 065572
Notes on **enzootic, chronic** coccidiosis in chi- 065727

ENZYMES
from cajanus indicus: a new **enzyme.** 067446
II. Physicochemical properties of **enzyme.** 067657
sp. IV. Amino acid composition of **enzyme.** 067658
s ovum by a trypsin-like **acrosomal enzyme** 065025
Differences in **enzymatic activities** with gen- 067090
Role of lipids in various **enzymatic activities** 068461
Enzymatic activity of alkaline phosphatase 064527
dependence of **enzymatic activity** & Km of a- 067859
Ixodidae). I. Proteolytic **enzyme activity** in 071080
Utilization of **enzymes** in **agricultural** & food 063316
Formation of respiratory **enzyme apparatus** 068159
dismutase reaction of **bovine enzyme** with h- 064325
dimethoate on activity of **enzymes** of **brain.** 066064
Nonenzymic browning. VI. Browning produ- 063454
Measurement of non-**enzymic browning** of d- 063964
light on activity of **carboxylating enzymes** & 068095
of pectolytic & **cellulolytic enzymes** by Rhi- 069342
to inherit activities of **certain enzymes** obse- 067089
of activities of some **enzymes concerned** with 068391
side-chain **degradation enzymes** in spores of 067421
Evolution of **different enzymes** followed by 063994
doughs, iI. Effects of **enzyme differential** sp- 063698
Digestive enzymes in "hard ticks" (Ixodoid- 071080
Effect of **enzymes** on **extracellular** connecti- 064275
Evolution of different **enzymes followed** by 063994
of gibberellin-induced **enzyme formation.** 068109
in growing cells: **glycolytic enzymes** in corn 068159
for study of gibberellin-**induced enzyme** for- 068109
influences on activities of **enzymes involved** 064441
phosphate dehydrogenase, **malic enzyme** & 064437
changes in hepatic **microsomal enzyme** syst- 070684
activities of certain **enzymes observed** in ear- 067089
On **oxidative enzymes** of grape must. 064023
isoenzyme composition of **oxydation enzyme** 068220
using proteolytic **enzyme preparation** prota- 063995
effect of fatty acids on **enzyme production.** 067660
properties of **proteolytic enzyme** from buck- 067896
Possible role of **proteolytic enzymes** in pat- 069382
Ixodoides, Ixodidae). I. **Proteolytic enzyme** 071080
of wines prepared using **proteolytic enzyme** 063995
reserves & activity of **proteolytic enzymes** in 067894
Activities of **enzymes related** to photosynth- 068097
Formation of **respiratory enzyme** apparatus 068159
Variations in **enzyme samples** of protonema, 067436
Induction & repression of **enzyme synthesis** 067433
acid precursors on its **enzymatic synthesis** at 067986
sp. V. Specificities of **enzyme** on **synthetic** s- 067659
watersplitting **enzyme system** Y. [Spinach c- 068272
in hepatic microsomal **enzyme systems.** So- 070684
localization of **enzymes** in **Tapinanthus** ban- 067457
Enzyme variability & phylogenetic relations- 067890
Enzymatic variation in pathogenic strains of 069348
Role of lipids in **various enzymatic** activities 068461
in photosynthetic **watersplitting enzyme** sys- 068272

EOCENE
pollens from **Lower Eocene.** 066915
of Middle **Eocene** of **maritime** Franco-Italian 066814

EOSINOPHILIA
japonico). I. Heterophils & **eosinophils.** 064463

EPHEDRA
SEE GNETACEAE

EPHEDRINE
Effect of **alkaloids, ephedrine** & nicotine on 069725

EPHEMERELLA
Present status of **Ephemerella uenoi** (Ephe- 071158

EPHEMEROPTERA
SEE PLECTOPTERA

EPHESTIA
Plodia interpunctella, **Ephestia cautella,** Co- 070575
different populations of **Ephestia cautella** (070977
On occurrence of **Ephestia elutella** Hubner 070570
W-chromosome of **Ephestia kuehniella** (Lep- 070798

EPIDEMIC
limitation of **epidemic** of **cultivated** plants. 069887
analysis of plant **diseases epidemic.** 069886
for prevention of **epidemic pneumonia** in sw- 065403
leaf blight. I. Prevalence in **epidemic years** 069588

EPIDEMIOLOGY
Contributions to **epidemiology & control** of 069645
I. **Epidemiological & epizootiological** role of 065567
Epidemiological studies on Alternaria blight 069354
shelters for **epidemiological studies** of foliar 069876
Epidemiological studies on citrus dieback c- 069889
Role of butchers in **epidemiology** of **taeniasis** 063138

EPIDERMAL
ratio variations in **epidermis cells** & seeds of 067050
of silica bodies & other **epidermal features** in 066947
Study on **froliated epidermis** in several psa- 067052
for preparing plastic **epidermal imprints.** [P- 066945
out in vitro. [**Staphylococcus epidermidis**]. 065375

EPILACHNA
lady beetle. [**Epilachna vigintioctomaculata**] 070962

EPILEPSY
Canine epileptic convulsions: treatment. 065927

EPILOBIUM
in New Zealand species of Epilobium. 066700

EPINEPHRINE
Epinephrine precursors: effects on iodine & 064351

EPIPACTIS
Epipactis muelleri Godf., a misunderstood, 066798

EPIPHYTES
between plants & epiphytic bacteria regardi- 067908
Epiphytic ferns. 066898
Successions of epiphytic lichens in pine fore- 066866
Effect of epiphyte microorganisms on ribon- 068007
Epiphytic Physcia species (Lichenes) in area 066896
in vivo bioassays on some epiphytic yeasts. 069239

EPISTASIS
Epistasis in maize (Zea mays L.): iII. Signif- 067107

EPITHELIUM
microscopy of intestinal epithelial cells of p- 065446
of RNA synthesis in follicular epithelium. [070921
pig, hamster & rabbit intestinal epithelium 064439
by piglet intestinal epithelium (''losure) & t- 064440
Neuro-epithelial invagination, a form of reti- 066011
On ultrastructure of midgut epithelia of fleas 071016
glucose & acetic acid by rumen epithelium of 064397

EPITRITUS
Epitritus argiolus Emery (?), genus & speci- 071337

EPITRIX
emergence in cages. [Epitrix hirtipennis]. 070357

EPIZOOTIC
simultaneous vaccination against epizootic d- 065687
Prophylactic & anti-epizootic measures on 065488

EPIZOOTIOLOGY
of natural foci in epizootiology of certain li- 065839
Some problems of epizootiology & diagnosis 065790
Epizootiologic importance of interrelationsh- 065844
On epizootiology of listeriosis on farms of I- 065843
Some aspects of epizootiology & prevention 065860
Epizootiology & prophylaxis against leptosp- 065791
I. Epidemiological & epizootiological role of 065567
Changes in epizootiologic status of world. [065729

EQUIDAE
Social behaviour of African Equidae. 064582

EQUILIBRATION
XV. Equilibration of cytochromes c549. B55 068265

EQUILIBRIUM
II. Adsorption & desorption equilibria in aq- 070232
Equilibrium moisture content of hops. 063380
Equilibrium weights of Dermacentor variabil- 070752

EQUIPMENT
cost saving in fattening lambs [Equipment]. 062508
actually obtained performance of equipment. 066224
sold a day ''root return''. [Equipment]. 071516
use in common of equipment. 071526
cost saving in fattening lambs [Equipment]. 071556
Soil tillage & grain sowing. [Equipment]. 071573
state of art & problems. [Equipment]. 071586
for harvesting forage plants. [Equipment]. 071613
methods of plant production. [Equipment]. 071622
of multirow potato planters. [Equipment]. 071633
Intermittent mist propagation. [Equipment] 071643
green spaces in firstly choice of equipment. 071659
hazards & control on farm. [Equipment]. 071661
quality of peas during shelling. [Equipment] 071677
Power of camshaft mechanisms. [Equipment 071680
in relative pressure in soil. [Equipment]. 071949
system. [Fertilizers, application equipment] 071708
of hive stands. [Beekeeping equipment]. 071384
of possible approaches. [Equipment, cattle] 064080
Clean equipment in milk industry as import- 063204
Equipment for conventional manure removal 071621
to everyday turkey. [Electric equipment]. 064196
Austrian agriculture & farm equipment indu- 071510
activities in great Britain. [Farm equipment 071617
capacity of agricultural field equipment. 071618
effectiveness of all-purpose forest equipment 066253
Complex use of harvesting equipment & ensi- 068664
Harvesting equipment for cereals. 071575
Cultivation & harvesting equipment in veget- 071579
Equipment for hay making. 071576
New equipment improves pollen viability. [068595
agriculture & farm equipment industry. 071510
Supply of IRMA equipment on fat & protein 063574
Spraying equipment, irrigation equipment, p- 071666
utensils & equipment with use of isotope te- 063201
Mechanical equipment for post-harvest proc- 071628
Milking equipment at 44th SIMA [Internat- 071650
with stationary milling & mixing equipment 064095
operative machines. [Orchard equipment, vi- 071665
Machines & equipment for overhead sprayi- 071591
in development of equipment for plant prod- 071619
equipment, irrigation equipment, planting e- 071666
Data processing equipment in forest manag- 066179
by electronic data processing equipment. 066466
Research on wind protection equipment for 068959
Fertilizer & plant protection equipment. 071574
how to fit out single seed equipment in mai- 069089
Selecting equipment for loading beets into f- 071667
Some equipment for small scale mechanizat- 071652
methods & automatic spraying equipment for 065403
Operation of spraying equipment for applica- 066536
New spraying equipment for brussels sprouts 071485
Care & maintenance of spraying equipment 071653
Testing Center. [Spraying equipment, irrigat- 071666
Trends in spraying equipment in agriculture 071670
Equipment for sugar beet harvesting. 071578
Orchard equipment, vineyard equipment]. 071665

ERADICATION
Eradication of Acacia hockii from Ugandan 070190
On experience of eradication of cattle ring- 065863
On eradication of echinococcosis in sheep fr- 065681
planning & implementing eradication of catt- 065661
Moss eradication trials. 070200
On experience of ringworm eradication on f- 065865
of prophylaxis & eradication of tuberculosis. 065489

ERAGROSTIS
weeping lovegrass crop (Eragrostis curvula 068145

ERGOT
chromatography of some ergot alkaloids. 067636
Production of ergot alkaloids in vitro by Sp- 067666
Biosynthesis of ergot alkaloids. [Claviceps]. 067792
roughage pellets, Triticale & ergot in rations 064783

ERICACEAE
Biology of mycorrhiza in Ericaceae. I. isolat- 067733
families of higher plants. 8. Ericaceae. 067819
heath (Erica herbacea L. = Erica carnea L. 066660
Melampsora pinitorqua in Ericaceae cutting 069401
Appearance of Graphium on Erica gracilis. 069339
determination of Ericaceae of Massif Amori- 066806
ecosystems. [Calluna vulgaris, Erica tetralix 066857

ERIOISCHIA
under field conditions. [Erioischia brassicae, 070418
its food & host plants. [Erioischia brassicae] 070499

ERIOPHYES
raspberry leaf mites (Eriophyes gracilis). 070440

ERMINES
Outbreak of ermine moth Yponomeuta evon- 070267

ERODIUM
SEE GERANIACEAE

EROSION
Complex of anti-erosion measures & their ef- 072276
Flood rains & erosion in Bega Valley -1971 072291
Increase of fertility of eroded brown forest 071975
management for shoreline erosion control on 072282
Studies on soil erosion control. 4. hydraulic 072295
in cotton fields. [Soils, erosion control]. 072311
loblolly pines promising for erosion control 072330
Economics of possible soil erosion control in 072343
association with possible soil erosion control 072346
under conditions of erosion control measures 072347
Erosion from feedlots is predicted by adapti- 072265
Complex of anti-erosion measures & their ef- 072276
V. Direct observations on peat erosion & pe- 071805
cultivated pastures in soddy-podzolic eroded 068757
joint application of erosion-preventive meas- 072297
Erosion processes on southern slope of Kar- 072332
Erosion-proofing drainage channels. [Soils]. 072283
of Morocco on a study of erosion in Sebou 072255
Water management for shoreline erosion co- 072282
Agricultural development of eroded sloped l- 072275
cover crops on surface run-off & soil erosion 072253
Soil erosion by water in a Mediterranean cl- 072263
machine complex for control of soil erosion 072271
as a means of controlling soil erosion & dro- 072277
Studies on soil erosion control. 4. hydraulic 072295
controlling irrigation-caused soil erosion with 072318
Forest, Hampshire, England. [Soil erosion]. 072335
Economics of possible soil erosion control in 072343
of new scientific investigation on soil erosion 072345
in association with possible soil erosion 072346
Regularity of soil erosion & related process- 072347
Soil erosion in piedmont & mountain regions 072348
controlling irrigation-caused soil erosion with 072464
pastures in soddy-podzolic eroded soils of hi- 068757
of humus & nitrogen in eroded soils. 071816
Properties of eroded soils & micronutrient c- 071943
of Nerosine in cotton fields. [Soils, erosion 072311
determination of eroded volumes at field lev- 072263
region of Yamuna ravines. [Water erosion]. 072279
Runoff & water erosion: Experiment with ra- 072299
Water erosion of soil in Zolkiewka River B- 072342
Evaluation of intensive water erosion with h- 072344

ERWINIA
Erwinia amylovora (Burrill) Winslow et al., 069605
Erwinia horticola sp. nova, a new agent of b- 069590
of bacterioses. [Pseudomonas, Erwinia]. 069591

ERYSIMUM
in an early Utah flora. [Erysimum as perum 066680

ERYSIPELAS
swine with suspected & chronic erysipelas w- 063178
against hog cholera, swine erysipelas & Auj- 065734

ERYSIPELOTHRIX
in pigs associated with Erysipelothrix [rhus- 065519
caused by Erysipelothrix rhusiopathiae. 065470

ERYSIPHACEAE
of oak mildew. [Microsphaera alphitoides]. 069447
sugar beet powdery mildew, Erysiphe betae 069468
Cleistothecia of Erysiphe cichoracearum Dc. 069334
in Azerbaijan. [Erysiphe communis]. 069419
Sphaerotheca fuliginea, Podosphaera leucotr- 069238
crops in Kharkov region. [Erysiphe graminis 069417
south-east Kazakhstan. [Erysiphe graminis t- 069420
of nitrogen fertilization. [Erysiphe graminis] 069453
mildew infection periods. [Erysiphe graminis] 069532
Tridemorphe? (Calixine). [Erysiphe graminis, 070112
of powdery mildew (Erysiphe polygoni DC.) 069349

ERYTHROCYTES
of histones during maturation of erythrocytes 064330
microscopy of erythrocytes adsorbed by rib- 065381
hamster kidney cells & chicken erythrocytes 065476
Paranaplasma sp. in erythrocytes of a cow. 065534
induced fusion of mammalian erythrocytes. 064302
characters in sheep. Erythrocyte potassium 065000
sensitized formalinized sheep erythrocytes. 065393

ERYTHROID
Chromatin of primitive erythroid cells from 064347

ERYTHROMYCIN
of hatching eggs in erythromycin solution pr- 065494

ERYTHROPOIESIS
Foetal swine erythropoiesis. 064465

ESCHERICHIA
Enumeration of Escherichia coli in frozen s- 063034
Enteropathogenic Escherichia coli in man & 065438
Isolation of Escherichia coli 3157 from pigs 065448
antibody response in cows. [Escherichia coli 065518
Bacteria battleground. [Escherichia coli, sw- 065592
Escherichia coli serotypes isolated from cas- 065612
preparations with use of Escherichia coli an- 065675
serotypes of Escherichia coli in cases of acu- 065677
gamma-globulins in cases of Escherichia coli 065703
of beta-hemolytic & Escherichia coli organi- 065706
baby chicks with Escherichia, Proteus & Ae- 065496

ESOPHAGUS
possible functions of oesophageal diverticula 070791

ESPALIER
Espalier--another dimension in camellia use 068930

ESTERASES
acid phosphatase & thiolacetic acid-esterase 067600
II. esterase E1, E2, E4, E5, E6, & anodal p- 067289
on hereditary variation of plasma esterase in 069800
Activity of eserine-resistant esterase of blood 064579

ESTERS
hydrolysis of inosite phosphoric acid esters 064564
of d-trans chrysanthemic acid ester of d-alle- 070578
amino alcohols in native ester alkaloids of g- 067502
Effect of herbicide 2,4-D (butyl ester) on ch- 070174
Adsorptive behaviour of acid & ester forms 070229
of autoxidation of linoleic acid methyl ester. 063438
of unsaturated fatty acid methyl esters & gl- 063468
of some unsaturated fatty acid methyl esters 063469
of some unsaturated fatty acid methyl esters 063470
substituted 1,4-naphthohydroquinone esters 063157

ESTIGMENE
membrane [Amsacta moorei, estigmene acrea] 071066

ESTRADIOL
supplemental progestrone & oestradiol. 065029
releasing hormone or estradiol to anestrous 064350

ESTROGEN
of PMS [pregnant mare serum] & oestrogen 065212
Experimental study on estrogenic activity of 067616
ducts provoked by estrogens in chick embryo 064340
Urinary oestrogen determinations in dog du- 065184
with application of estrogens in fattening of 063041
lutenizing hormone & oestrogen in foetal & 065019
adrenal glands in estrogen production in pr- 064939

on rate of excretion of **estrogen** in **urine** of 065018

ESTRUS
vitro studies on myometrium of pig. [**Estrus**] 065211
Prophylaxis **against Oestrus** infestation of s- 065780
to get more cows in calf. [**Breeding, estrus**] 065037
at synchronized & **control estrus.** [Cattle]. 065014
Measures for **controlling Oestrus** infestation 070651
of luteinizing hormone during **estrous cycle** 064931
research on synchronization of **estrous cycle** 064934
Oestrous cycle synchronization in Zebu catt- 065002
at different stages of **oestrous cycle.** 065032
Oestrous cycles in Ayrshire cows before & a- 065154
Synchronization of **estrus** in **heifers** & cows 065181
in dog during **oestrus** & **pregnancy.** 065184
experience in **oestrus synchronization** & ins- 065125

ESTUARIES
Ecological features of plants in **estuary area** 066841
on oxygen consumption of **estuarine fishes.** 070732
Estuary meadows & their improvement. 068720

ETHANOL
of temperature, pH & **ethanol addition** on r- 063430
Indole-3-ethanol oxidase: kinetics, inhibition 068453
Effects of **lactose, ethanol** & cycloheximide 067665

ETHANOLAMINE
Biosynthesis of **phosphatidyl ethanolamine** 068353

ETHEPHON
C-(2-Chloroethyl)phosphonic acid (**ethephon** 068366

ETHERS
A study on efficacy of **diethyl ether** inhalati- 065410

ETHNOBOTANY
Ethnobotanical explorations in corn. [Mexi- 066583
Ethnobotanical search of hallucinogenic Cac- 066580

ETHOLOGY
Contribution to **applied ethology** in rearing 064489
Contribution to **applied ethology** in rearing 064491

ETHOXY
Performance of Aaterra (35 **percent -ethoxy** 069332

ETHYL
treatment with gamma-rays & **ethyl**.neimine 067073
Application of **benzoylprop ethyl** & effect on 070065
with experiments using **benzoylprop ethyl.** 070130
during storage of **ethyl methanesulphonate-t-** 063714

ETHYLENE
of salinity induced inhibition by **ethylene.** 068316
to temperature, **ethylene concentration,** & f- 063877
of gamma-irradiation & **ethylene imine** trea- 067069
from barley kernels with **ethylene oxide.** [F- 069275
lipid-induced growth & **ethylene production.** 068449
Ethylene & regulation of growth in pine. [P- 068519
acid, an **ethylene-releasing** compound. 067767
Influence of **ethylene** on **stored** late-season 063932

ETIOLATION
early stages of greening of **etiolated maize** l- 068110
Structure of mitochrondria in **etiolated pea** 067044
Chloroplast development in **etiolated peas:** 068547
growth of root system of **etiolated seedlings** 068412

ETIOLOGY
Preliminary studies on **etiology of infectious** 065667
On **etiology** of **infectious** pneumonia in lam- 065678
Current views on **etiology & pathogenesis** of 065941
On **etiology & prophylaxis** of respiratory di- 065702
Study of **etiology** of **young** cattle in alpine 064258

ETIOPLASTS
composition of **etioplasts & chloroplasts** fr- 068132

EUCALYPTUS
Rotation in **Eucalyptus hybrid** plantations. 066337
Common birch [Betula] **& eucalyptus as raw** 066532
Common birhh [Betula] **& eucalyptus as raw** 066533
an ecotypes of **Eucalyptus viminalis** Labill. 068588

EUGENOL
of essential oil & **eugenol** by **Ocimum** plant 067687

EULOPHIDAE
Walker) (Hymenoptera: **Eulophidae**) & alli- 071198

EUMASTACIDAE
to Mesozoic evolution of **Eumastacidae.** 070753

EUMENIDAE
Vespidae & **Eumenidae** in **Scheibbs** District 071244

EUPATORIUM
Introduction of **Eupatorium cannabinum** & 067817
lactones from **Eupatorium semiserratum.** 067670

EUPELMIDAE
disparis (**Hymenoptera, Eupelmidae**), egg p- 071101

EUPHORBIA
evolution of **Euphorbia amygdaloides** leaves 066928
Obesuzan validoformis. [**Euphorbia, cross** po- 068320
poinsettia cultivars. [**Euphorbia pulcherrima** 068992
of poinsettia (**Euphorbia pulcherrima**). 069187
Euphorbia species from flora Zambesiaca ar- 066720

EUPHORBIACEAE
Hermaphrodite flowers in **Euphorbiaceae:** C- 066970
laticifers in **Jatropha gossypifolia.** 066934

EUPROCTIS
control of hairy **caterpillar, Euproctis** frater- 070449
Butler (Arctiidae) & **Euproctis lunata** Walk- 070882

EUROTIA
years in cold storage. [**Eurotia lanata**]. 067861

EURYGASTER
grain damaged by **Eurygaster integriceps.** 070334
of wheat damaged by **Eurygaster integriceps** 070335

EUSCELIS
transmission by vectors. [**Euscelis plebejus,** 069628

EUTROPHICATION
diatoms in a shallow **eutrophic lake.** 067595
organisms of an **eutrophic reservoir** & their 066828

EUXOA
on bionomics of dark-sided **cutworm, Euxoa** 070787
lillooet-delcarata series of **genus Euxoa** (Lep- 071156
in delcarata group of **genus Euxoa,** a compu- 071157

EVACUATION
On **evacuation** of **sperm** from spermatophore 070926

EVAPORATION
On **calculating evaporation** & dynamics of 071918
An isolating layer to **control evaporation** los- 072267
under field conditions. [**Evaporation, plants**] 067625

EVAPOTRANSPIRATION
for **estimating evapotranspiration.** 072431
method for **potential evapotranspiration** from 072429

EVOLUTION
Biochemical evolution in fire ant venoms. [070888
Evolutionary classification of primary trees 066682
Orbatei). II. Notes **concerning evolution** of 071117
Evolution of **cotton** ginning in southeastern 063733
Evolution of **different** enzymes followed by 063994
measurement of carbon **dioxide evolution** fr- 067559
Evolutionary ecology of plants: a review. III 062800
Evolutionary ecology of plants. A review. IV 066832
Evolution & endemism in New Zealand spec- 066700
structure & **evolution** of **Euphorbia** amygdal- 066928
Gradual evolution & development of ocean l- 066516
of hybridization in **evolution** of **Hawaiian** fl- 066697
Hydrogen evolution in algae under illuminat- 067844
Evolution of **immunoglobulin** antigens in ru- 065426
Karyotypic evolution in two series of cell li- 064488
Evolution in **livestock** care in mountainous 064126
Evolution of **medium** quality borer resistant 067283
Clues to **Mesozoic evolution** of Eumastacidae 070753
carbon dioxide]-dependent **oxygen evolution.** 068411
understanding of **photosynthesis evolution** & 067865
Present status of **evolution & phylogeny** of 066715
Some **evolutionary & phytogeographical** pro- 066702
Cytogenetic basis of **evolution** of **potato** spec- 067357
Potentialities **& evolutionary preconditions** 066869
Evolutionary problems in arctic lora. 066691
Quantitative **& qualitative evolution** of creat- 064291
of Crete & its **evolutionary significance.** 066694
species: **evolutionary significance.** 071043
Evolution in **social** & economic conditions of 062262
acid sequence data in **evolutionary studies** of 067789
Evolution of **Styroblock** reforestation conce- 066321
Leguminosae). [**Evolution, taxonomy**]. 066633

EWES
SEE SHEEP

EXCHANGE
strontium cation **exchange adsorption** on Ch- 071877
Exchange of **amino** acids in Brucella when 065808
concepts on chemistry of **cation exchange** b- 067555
high in Mg [magnesium] on **cation exchange** 071779
of direct & indirect **cation-exchange** proceduenvironment on gas **exchange charactersitics** 071835
Carbon **dioxide exchange** in selected species 068575
preserving root freshness on **gas exchange** in 067749
preserving root freshness on **gas exchange** in 066402
Ion exchange purified anthocyanin pigments 068607
ions by lichens: a modified **ion-exchange** pro- 063953
Ion exchange makes chlorine-free NPK che- 067731
Photosynthetic exchange of carbon dioxide 072171
influencing levels of **exchangeable potassium** 067997
U-**type exchange** in tulip meiosis. [Tulipa h- 071953
067099

EXCISION
Zinc absorption by **excised leaf** tissue of cof- 067826
Metabolism of monuron in **excised leaves** of 070230
of glutamate dehydrogenase in **excised pea** 068286
active water exudation in **excised roots.** [Ma- 068057

EXCITATION
Role of **delayed excitation** in coordination of 070901
Electrical excitation of nuclei of vagus nerve 064269
Role played by **electrical excitation** reaction 068165
Fluorescence excitation spectra of natural & 071714
cord of cats during **excitation & inhibition.** 064459

EXCRETION
Absorption **& excretion** of **antibiotics** & sulf- 065294
A note on pigment **chlorophyll excreted** by 071093
Swine **excreta disposal** & waste water purifi- 072492
acetate on rate of **excretion** of **estrogen** in u- 065018
between consumption **& excretion** by **larvae** 070795
Studies on nature of **excretory material** of 071091
Nitrogenous **excretory materials** from ameri- 070915
viral antibodies in serum **& nasal excretion** 065895
of protein-free diet on **nitrogen excretion** in 064904
ixodoidea). Cycle of **nitrogenous excretion** in 070941
Excretion, plasma-protein binding & dosage 065369
Excretion, plasma-protein binding & dosage 065370
physical properties of **poultry excreta.** 064336
reverin on diuresis & **renal excretion** of sodi- 064256
interference with extra-renal **salt excretion** 070681
Aerobic processing of **excreta** in **space** below 071508
Carrying **& excreting virus** of Aujeszky's dis- 065700
I. Routes of ion **& water excretion.** 070908
composition on feeding **& water excretion** by 070922

EXERCISE
Effect exercised by finish of easy upkeep on 063652

EXHAUSTION
distribution of Oribatei in **exhausted peat** b- 070820
Recultivation of **exhausted peat** bogs. 072338

EXHAUSTS
streams of grain in vertical **exhaust canals** of 071676

EXHIBITS
Animal production at 53rd **DLG exhibition.** 064166
Cattle at 1973 **International Exhibit** of Agri- 064181
at 44th SIMA [**International Exhibition** of 071650

EXOCELLULAR
SEE CELLS

EXOCORTIS
by pathogenic RNA from **citrus exocortis** di- 069712

EXOCRINE
Zinc 65 secretion by **exocrine pancreas** of c- 064497

EXOGENOUS
excised pea roots by **exogenous** L-**aspartic** & 068286
in influence of **exogenous catecholamines** on 064251
Endogenously **& exogenously caused** alterati- 068463
c incorporation from **exogenous compounds** 068262
green plants. II. Effect of **exogenous glucose** 067573
growth stimulation by **exogenous mineral** ni- 067894
Influence of **exogenous sugar** feeding on acc- 067888

EXOPHTHALMOS
Exophthalmos due to rete mirabile abscess 065669

EXPEDITION
Himalayas) **expedition-ii, Bacillariophyceae-** 066763
algae of Smithsonian-**Bredin expedition** to 066769
from Canadian **Nepal Expedition** (u.lm). 3. 071294
Lingnan Dawn-**Redwood Expedition** to Cent- 071298

EXPENDITURES
Scottish agriculture--output **& expenditure.** 062825
accumulation **& expenditures** in **agriculture.** 062515
Analysis of **consumption expenditure** patter- 062725
norms for costs & overall **labor expenditures** 062514
Effectiveness of **expenditures** on **operation** of 062509
On **recording expenditures** in cattle raising. 062498

EXPLANTS
a dividing layer in **explants** of **cotyledonous** 067881
in gramma-irradiated leaf & **stem explants** of 066936

EXPLOITATION
Exploitation of **domestic** animals, a source of 064147
improvement of **exploitation indices** of MPR 071686
Exploitation tests of forest skidding cable c- 066541

EXPLORATION
Ethnobotanical explorations in corn. [Mexi- 066583
Geophysical exploration of ground water in 072415
Basis & forms of **scientific exploration** of Bi- 066120

EXPLOSIVES
land reclamation canals by **explosives.** [Irri- 071481

EXPORTERS
Dear & old profession of **exporter.** [Alcohol- 062780
Peru: First producer & **exporter** of **fish.** 062684

EXPORTS
developments & prospects for U.S. **Exports** 062774
U.S. **Agricultural exports** up nearly three-fo- 062674
Exports of **agricultural** products in United S- 062732
Prospects of **exporting agricultural** products 062979
of governments in U.K. **exports** of **breeding** 062630
s possibilities of breeding **cattle exports.** 062745
Production & **export** of **eggs** in 1972. 062643
Denmark's pork **exports face** market adjus- 062667
Live exports. [Cattle]. 062632
Philippines & otlook of its **export market.** 062711
grain standards & wheat **export market.** 062724
Problems in **exporting ornamental** flowers. 062728
Export packings for fruits from South Africa 063910
Putting quality into **export pears.** 069173
Strong **export push** enabled Argentina to bo- 062672
Export of **sheep.** 062748
between age of bean leaves, **sodium export,** 067918
Credit Corporation, price **support, export &** 063013
World exports of oilseeds, fats, & oils to inc- 062778

EXPOSURE
of bovine plasma induced by **heat exposure.** 064453
Pre-exposure rabies immunization for veteri- 065411
prenatally irradiated rats. I. **Exposure rate** 064374
for Testing & Materials] **exposure tests** for 066552

EXTENSION
on agricultural research & **extension.** 062172
spacial possibilities of their **extension.** 062925
A study of **agricultural extension** system in 062139
Agricultural extension. [India]. 062176
pests in field crops **cooperative extension** se- 070408
pests of field crops **cooperative extension** se- 070409
grasses grown for seed **cooperative extension** 070410
nuts--home orchard **cooperative extension** se- 070514
for home owners **cooperative extension** servi- 070515
commercial vegetables **cooperative extension** 070516
greenhouse operators **cooperative extension** 070518
for small grains **cooperative extension** servi- 070591
Meat Science **Distinguished Extension-Indu-** 063649
Field extension trials & a farmer usage surv- 070061
Science Distinguished **Extension-Industry** S- 063649
mycelial establishment & **lesion extension** in 069316
Extending plantings & increasing production 068714
for Muntz method an **extension** of **Porchet** 071855
in field crops cooperative **extension service** 070408
of field crops cooperative **extension service** 070409
for seed cooperative **extension service.** 070410
home orchard cooperative **extension service** 070514
home owners cooperative **extension service** 070515
vegetables cooperative **extension service.** 070516
operators cooperative **extension service.** 070518
small grains cooperative **extension service.** 070591
A study of agricultural **extension system** in 062139
Field **extension trials** & a farmer usage surv- 070061
related to **extension** of **unemployment** insur- 062548
for working with farmers. [**Extension work**] 062207
Extension work with herbicides in small sca- 070010

EXTINCTION
Grin. II. Model of **light extinction** in stand 067751

EXTRACELLULAR
SEE CELLS

EXTRACTION
Extraction of 14c[carbon]-labelled chloroph- 071753
of drying & wetting **extractable aluminum** in 071781
Extractives associated with wound response 068516
amino acids contained in **casein, extracted** s- 064635
determination by **extractive-colorimetric** me- 071895
methods of **extraction** for **detection** & estim- 063113
by method of **dissociative extraction.** 070733
sequential **extraction, fractionation,** charact- 064327
extraction with **hexamethyleneammonium** h- 071804
Honiron introduces sugar **hi-extraction** proc- 063818
A method for **extracting intact** chloroplast 067439
result of modification of **extraction method.** 064001
products. 1. Composition after **oil extraction** 063949
Extraction of **pectic** substances from sunflo- 068089
Extraction of **pectic** substances from sunflo- 068090
of fish meal & of lipid **phase extracted** from 064068
synthesis of some **plant extractives.** 067675
process for **extraction** & **precipitation** of pro- 063706
introduces sugar hi-**extraction process.** 063818
from tea seeds. I. **Extraction** & **properties** of 063322
Extraction & **properties** of proteolytic enzy- 067896
Studies on feeding of **extracted rape** seed m- 064639
joint & ear cartilages: **sequential extraction,** 064327
compounds fed in place of **extracted soya** be- 064633
acids contained in casein, **extracted soya** be- 064635
Study of process of **extracting sugar** from b- 063800
in forages by **extraction** with **triethylene** gly- 064067
Effects of drying & **wetting extractable** alum- 071781

EXTRACTS
into pyruvate by Chlorella [fusca] **extracts.** 067726
Antiviral activity of **aqueous extracts** of cert- 065763
in mice treated with **extracts** of **barley** grain 066006
of antioxidant activity of cocoa **hull extract** 063465
activity of **extracts** from gamma-**irradiated** 069661
Can **extract** of **malt** be predicted from prop- 063718
pisum (Harris): **pentane extract** of surface l- 070807
oxidases. [Assay methods, soil **extract, plant** 067545
of cytokinins in **plant extracts.** 067778
nitrate & nitrate reductase in **plant extracts** 067929
II. Gustatory effect of some **plant extracts.** 070279
oxidases. [Assay methods, soil **extract, plant** 071764
Reciprocal effects between **root extracts** of 068150
substances as **extracts** & in **transfusion** trac- 066993
treatment of broadbean with **water extracts** 067070

EXTREMITIES
of skeleton of **extremities** in **goats** during po- 064467

EXTRUSION
Why use **extrusion.** [Food processing]. 063359
Protein-fortified **extruded food** products. 063319

EXUDATES
properties of inflammatory **exudative cells.** 065379
Cellulase in red **clover exudates.** 068124
to pathogenesis of pale, soft, **exudative pork** 063632
aspects of pale, soft & **exudative pork.** 063672
to pathogenesis of pale, soft, **exudative pork** 065278
Influence of **root exudates** on Orobanche se- 067874
Update on PSE [pale, **soft, exudative**] resea- 063645
for apparently active **water exudation** in exc- 068057

EYES
measurement of fat thickness & rib **eye area** 064120
Estimating carcass loin-**eye area** & fat thick- 064211
proline hydroxylase in **eye, cartilage** & skin 064355
Effect of **eye colour** pigments on action spec- 070930
Paracentesis of **equine eye.** 065286
Fundamental ocular pharmacology. 065287
Loin-eye muscle measures for evaluating co- 064517
contractions at REM [rapid-**eye-movement**] 064520

EYESPOTS
Summer damages caused by **eyespot disease** 069327

FABRICIUS
infectious inflammation of **Fabricius bag.** 065887
particles in avian bursa of **Fabricius cells** gr- 065395
fruit weevil, Sternochetus **frigidus Fabricius** 070993
bursa of **Fabricius** after **hormonal** bursecto- 064571
in chicken bursa of **Fabricius** & **thymus.** 064348

FABRICS
phosphorus-based flame retardants. [**Fabrics** 063840
on flame retardant. [**Fabrics, children's** slee- 063197
losses & structural changes in **cotton fabric** 063820
Properties of durable-press **cotton fabrics** re- 063822
standard weave **cotton fabrics**--research pro- 063831
analysis of flame-retardant **cotton fabrics.** 063836
aqueous media of durable-press **cotton fabrics.** 063834
Filtration fabrics in field of thick juice & li- 063868
approach to flame-**retardant fabrics.** 063838
processing of commerical **type fabrics** from 063830

FACTORIES
Farm & **factory:** a comparison of skill requi- 062257
setting process of reproduction in **factory.** I 071545
in raw cocoa stores & **chocolate factories.** 070570
Seven capital sins of livestock **feed factory.** 064086
pine stands in vicinity of a **fertilizer factory.** 066153
Nitrogen--a raw material for a **fruit factory.** 072047

FAGACEAE
oak in Courriere-Mignault forest. [**Quercus**] 066277
in area of Saint-Remy-Rochefort. [**Quercus**] 066278
of cove & mixed oak stands. [**Quercus**]. 066405
genus Nepticula Heyden from oak. [**Quercus**] 070550
activities of beech forest litter & soil. [**Fagus**] 071836
growth of oak seedlings. [**Quercus alba,** l., 068525
natural regeneration of **Fagus** by **beech** nuts 066330
of lactide in wood cell wall. [**Fagus, Betula**] 066493
destroying fungi on **Quercus castaneaefolia.** 069577
in trunk of Buna wood. [**Fagus crenata**]. 068554
within one stem of **Quercus crispula.** 066980
of Muszkowicki **Fagus Forest** Reserve. 066119
Hymenoptera) in **Fagus Forest** Reserve Mu- 071282
Dermaptera in Muszkowicki **Fagus Forest** 071283
Soils in Muszkowicki **Fagus Forest** Reserve 071853
of Wroclaw. I. Introduction. [**Fagus forests**] 066118
of forest regeneration in **Quercus forests** of 066353
lumber. [Sinoxylon **japonicum, Quercus**]. 070540
Gracillariidae). [**Quercus macrocarpa**]. 070779
species plywood. [Tilia, **Quercus mongolica,** 066458
characteristics of **Muszkowicki Fagus** Forest 066119
Dermaptera in **Muszkowicki Fagus** Forest 071283
Soils in **Muszkowicki Fagus** Forest Reserve 071853
Carolina. [Chalara quercina, **Quercus nigra**] 069521
Beech forests of Meskheti. [**Fagus orientalis** 066132
Variability of seeds of **Fagus orientalis.** 068564
Quercus pascui m. sp. from upper Cretaceous 066803
of Quercus robur & **Quercus petraea** in Ukr- 066365
reactions of **Quercus pubescens** Willd. to en- 066916
North Carolina. [Chalara **quercina, Quercus** 069521
Hybrid populations of **Quercus robur** & Que- 066365
triterpene components from **Quercus robur** 068579
during dormant period. [**Quercus robur,** Tilia 068602
seedlings. [Quercus alba, l., **Quercus rubra**] 068525
beech grove in Europe? [**Fagus sylvatica**]. 066113
Red beech 1971. [**Fagus sylvatica,** managem- 066226
of two-species plywood. [**Tilia, Quercus** mon- 066458
Arizona's oak chaparral. [**Quercus turbinella**] 066146

FAIRS
of 1971's All Hokkaido **Holstein Fair.** 064174
at XIVth International **Machinery Fair.** 071636
activities under FPLA. [**Fair Packaging** & L- 062912
FPLA [**Fair Packaging** & Labeling Act] tod- 062913
FPLA [**Fair Packaging** & Labeling Act]--ex- 062915
After FPLA [**Fair Packaging** & Labeling Act 062916
activities under FPLA. [**Fair Packaging** & L- 063103
FPLA [**Fair Packaging** & Labeling Act]--ex- 063107
After FPLA [**Fair Packaging** & Labeling Act 063109
FPLA [**Fair Packaging** & Labeling Act] tod- 063111

FALCIPARUM
of Plasmodium **falciparum gametocytes** from 070609

FALL
of a juvenile hormone analogue **against fall** 070245
Summer & early **fall apple** varieties. 069001
Fall bearing red raspberries. 069003
Factors influencing **fall emergence** of Bessa 070790
problems in improving tillage of **fall fallow** 072308
Fall-plowed, pre-plaintig & interrow (rotary 072326
in grape shoots during **fall-winter** period. 068380

FALLOWING
problems in improving tillage of **fall fallow** 072308
Comparison of varieties, **fallow methods,** & 068646
Weed community in **fallow rice** field & its s- 070109
Social fallow & other forms of abandonment 062173

FAMILY
of grass **subfamily Bambusoideae** based on 066799
West Palearctic species of **bee family** Melitt- 071311
genus Symphytum L. of **Boraginaceae family** 066636
Studies on **family Brachychthoniidae** (Acari, 071117
Distribution of flavonoids in **certain families** 067819
to study of **family Coleophoridae.** VIII. (Le- 071187
Youth--**family--community.** 062189
in some plants of **family Compositae.** 067512
of planning & management on **family farms.** 062303
Galeobdolon, & Sideritis of **family Labiatae** 067000
classification of **subfamily Lepturinae.** 071146
patterns in rural **Michigan families.** 062190
Two new species of **mite family** Phytoseiidae 071162
its removal from **family Nemestrinidae** (Dip- 071332
Rural community & **rural family** in 1985. 062188
Stuides in **family Saxifragaceae.** VI. Structu- 067037
Subfamily Taxoideae, tribe Taxeae, genera 069133
new species of mites from **family Tydeidae** 071367

FANS
Fog & **fan method** for greenhouse cooling. 071469

FARFARA
in northern Sweden. [**Tussilago farfara**]. 070212

FARINOGRAPH
of identical **farinograph consistencies.** 063763

FARMERS
What makes a **farmer.** 062164
as basis for working with **farmers.** [Extensi- 062207
Cow stall: bank of **farmer.** [Farm managem- 062401
Accounting for all kind of **farmers.** 062428
up income insurance also for **farmers.** [West 062591
Service]: keeping score for **farmer.** 062795
Texas prices received & paid by **farmers.** [S- 062811
important promotion measure for **farmers.** 067157
If **farmers** had to use **accrual** accounting. 062322
Tenant right: **farmer against** landlord in Vic- 062232
to advance collective **farmer bargaining.** 062877
a manufacturer's view of **farmer benefits.** 070029
economic activity of **farmers circles.** 062416
for legislation to advance **collective farmer** 062877
of tasks set by XIth **Farmers Congress** of G- 062889
in forestry at XIth **Farmers' Congress.** [East 066280
Conclusions from XIth **Farmers Congress** of 068985
Managing **farmer cooperatives.** 062329
in farm bargaining & **farmer cooperatives.** 062879
practices used by Wisconsin **dairy farmers.** 062464
While poticians **debate--farmers** are getting 062394
Goals of increasing **diary farmers'** earnings 062313
A handy tool for **irrigation farmers.** 071597
Managing farmer cooperatives. 062329
Economic prospects of **Michigan farmers.** 062952
residential changes. [**Farmers, migration**]. 062211
wheat prices paid to **Oklahoma farmers** at n- 062734
Farmers' opinions on development of various 062447
Farmers' opinions on profitability of cattle 062560

Comments on "U.S **farmer's planting** intent- 062360
Farmers & politics. 062933
Small **farmers problems,** programmes. [India 062893
Field extension trials & a **farmer usage** surv- 070061
Farmers & veterinarians: A healthy frame as 062996
for fulfilment of tasks set by **XIth Farmers** 062889
methods in forestry at **XIth Farmers'** Congr- 066280
Conclusions from **XIth Farmers** Congress of 068985
Installation of **young farmers** & special ani- 062557

FARMLANDS

Farmland: are we running out? 062275
Farmland has **changed** its value. 062279

FARMS

Tourism on **farm:** enchanted village. 062255
self-help" in development of **farming.** 062422
plumbing repairs for home & **farmstead.** 063287
On eradicating leptospirosis from **farms.** 065792
experience of ringworm eradication on **farm** 065865
Noise hazards & control on **farm.** [Equipme- 071661
Sixty cases of disabling **farm accidents.** 071486
profitability of **farms** in **Afghanistan.** 062524
Related instruction for **nonfarm agricultural** 062148
sugar beet culture on **farms** of **Alakul'** Distr- 062454
Ostrich **farming American** style. 062309
organization of labor on **animal farms** by us- 062361
on body weight gain in **farm animals.** [Cattle 065282
Escherichia coli in man & **farm animals.** 065438
Antibiotic feeding of **farm animals** & resista- 065439
Studies on toxoplasmosis in **farm animals** in 065704
Mycotic diseases in **farm animals** & birds in 065745
System of **farming** in **arid** regions of Volga. 062383
interpretation. [Research **Ranch, Arizona**]. 066900
against cattle ringworm on **farms** of **Ashtsk** 065868
Mechanization of **farming** in **association** with 072346
Court scene in **farm bargaining** & farmer co- 062879
characteristics of cattle-**breeding farms.** 062357
quality of swine on **breeding farms** of Ukrpl- 065099
Progress & problems in **breeding farm** crops 067355
of leading worker on state **farm Brno.** 062323
What is tradafarm? [**Farm building** manufac- 071440
1972 **Farm business** summary, Cortland Co- 062403
Oneida--Mohawk region; **farm business** su- 062404
Dutchess Counties; dairy **farm business** su- 062405
Lewis County dairy **farm business** summary, 062406
Eastern Plateau Region **farm business** sum- 062407
Western Plateau Region dairy **farm business** 062408
Hudson Region dairy **farm business** summary 062409
Dairy **farm business** summary, 1972: Northe- 062410
Central Plain Region dairy **farm business** s- 062412
basic capital for collective **farm canneries.** [062596
fertility advancement on **cattle farms.** 065111
prophylactic requirements for **cattle farms** 065330
application of manure on **cattle farms.** 062518
Education & occupation of **farm children** in 062135
New machines for **cleaning farm** irrigation c- 071558
Farming co-operatives in Wielkopolska mai- 062424
productivity & wages on **collective farms.** 062371
of labor productivity on **collective farms.** 062372
of labor resources on **collective farms.** 062374
its improvement. [**collective farms**]. 062377
of feed production on **collective farms** specia- 062449
of animal industry on **collective farm.** 062457
processing enterprises on **collective farms** of 062460
of tobacco production on **collective farms.** 062516
Material incentives in **collective farm** produ- 062521
vegetable culture on **collective farms** of Astr- 062526
culture on Komsomolets **Collective Farm,** K- 062529
are primary concern of **collective farms.** [Co- 062575
Agricultural finances, **collective farming**]. 062579
of using basic capital for **collective farm** ca- 062596
sloped land on Red October **Collective Farm,** 072275
quarters on industrialized **farm complexes.** 064143
maintenance on specialized **farm complexes** 065253
industrialized livestock **farming complexes.** 065277
measures on swine-raising **farm complexes.** 065488
Large-scale inter-**farm cooperation** & socialic- 062345
cattle production on **cooperative farms** of G- 064164
milk production on **farm cooperative** of Sme- 064200
high-producting cows on **cooperative farms** in 065983
Farming cooperatives in Spain. 062314
cattle breeding in **farming cooperatives** of L- 064168
where they hurt. [Swine **farms, costs**]. 062477
cultivated at Banu-Maracine **Craiova farm.** 068186
production in cooperative **crop farming** secti- 062346
contractual relations between **crop farming** 062582
obtained by cooperative **crop farming** section 064055
maximum yield & elevation of **crop farming** 068669
Crop farming in England today!. 068736
quality varieties & hybrids of **farm crops** for 067265
Progress & problems in breeding **farm crops** 067355
basis for obtaining high yields of **farm crops** 067606
Types of fertilizers used on **farm crops** in E- 072048
basis for obtaining high yields of **farm crops** 072409
Planning for **dairy farm** expansion. 062302
Successful **dairy farming** in 1970's. [New Z- 062395
Columbia & Dutchess Counties; **dairy farm** 062405
Lewis County **dairy farm** business summary, 062406
Western Plateau Region **dairy farm** business 062408
Northern Hudson Region **dairy farm** busine- 062409
Dairy farm business summary, 1972: Northe- 062410
Western Plains Region **dairy farm** business 062411
Central Plain Region **dairy farm** business s- 062412
Modern management of **dairy farms.** 062450
feeding on industrial-like **dairy farms.** 064604
for pastures in mountainous **dairy farms.** 068620
Compost making at a **dairy farm.** 072049
Use of fertilizer nitrogen on a **dairy farm.** 072147
Anaerobic digestion of **dairy farm** slurry. 072515
pattern of forage crops area in **dairy farming.** 062278
size relationships of North **Dakota ranches.** 062547
parasitoids of houseflies on **Danish farms.** 070604
Sixty cases of **disabling farm** accidents. 071486
of branches. [**Diversified farming**]. 062335
increasing efficiency of **farming** on **drained** l- 062368
Sorghum vulgare sudanense in **dry farming** in 068859
fertilizers on corn yield with **dry farming** in 072122
of branches of **farming enterprises.** 062380
system of administration of **farm enterprises** 062400
large-scale state-owned **farm enterprises** & 062399
Austrian agriculture & **farm equipment** indu- 071510
activities in great Britain. [**Farm equipment** 071617
Irrigated cultivated pastures to **every farm.** 072389
Planning for dairy **farm expansion.** 062302
Farm expenses for long-term apple storage. 062506
horizontal silos in **experimental farm** of Gro- 064056
studies on Texas **Experimental Ranch.** 064847
Role of **farming experiments** in introduction 062194
Farm & factory: a comparison of skill requi- 062257
of planning & management on **family farms.** 062303
owned combined breeding & **fattening farm** 064214
burneti & IBR virus in a calf **fattening farm** 065423
Cooperation among **farms** in **Finland.** [Ani- 062437
on irrigation problems in **farming following** 072438
Forest farming on former large estate Host- 066358
Optimizing **grain farming** & improving profi- 062592
management to intensify **grassland farming.** 062345
Installation of **greenhouse farming.** 2. Struc- 071441
Changes in land use on **farms** which **grew** s- 062294
sector on Pervomaiskii State **Farm, Gur'ev** 072351
Hired farm working force of 1972; a statisti- 062829
in cotton growing at small-**holder farms** in 068848
Farm income levels in northern states of Ni- 062570
Employment in **individual farming.** 062226
income in **individual farming** for years 1965, 062605
of their quarters on **industrialized farm** com- 064143
Feeding young cattle on **industrialized farms** 064778
Intensive farming--a solution for India's food 062880
Large-scale **inter-farm** cooperation & socialic- 062345
organization of labor in **irrigated farming** in 062382
hybrids of farm crops for **irrigated farming** 067265
A new machine system for **irrigated farming** 071593
breeding spring wheat for **irrigated farming** 067263
Breeding spring wheat for **irrigation farming** 067356
New machines for cleaning **farm irrigation** c- 071558
of listeriosis on **farms** of **Issyk**-Kul Basin. [065843
on Red October Collective **Farm, Kletskii** D- 072275
Collective **Farm, Krasnopartizan** District, S- 062529
Farm labor problems not limited to grapes 071517
Sales of **farm land.** [Great Britian]. 062295
evapo-transpiration under dry **land farming.** 071710
sowing succeeding crops on **large farms.** 062417
Keeping sows for breeding in **larger farms.** 071426
part in improving mass **livestock farming.** 065053
for industrialized **livestock farming.** 065276
in industrialized **livestock farming** complexes 065277
Activities of **Farm Machinery** Research Inst- 071532
Lectures on **farm machinery** for easy unders- 071551
Farm machinery & implement dealerships in 071700
by lack of reliability in **farm machines** & eq- 064237
in advisory service for **farm management.** 062315
specialists. [**Farm management**]. 062337
Farm management review. 062384
What is included in **farm management.** 062392
stall: bank of farmer. [**Farm management**]. 062401
Farm management problems of rural settle- 062445
credit from view point of **farm management.** 062475
of nitrogen in **farmyard manure.** 072108
Straw mulch & **farmyard manure** for peaches 072213
Collective **mechanised farming** in U.S.S.R. 062359
study on promotion of **mechanized farming** 062326
combination with other fats in **ranch mink.** 064768
for transfer of **farmsteads** be **modified?** 062247
milk quality on state & co-**operative farms.** 064167
Ostrich farming American style. 062309
peat as organic fertilizers from **outside farm** 068258
Agricultural mechanization using **farm own** 062442
between large-scale state-**owned farm** enterp- 062399
of products from state **owned farms.** 062687
harvesting & preservation on **peasant farms;** 064082
of Striga hermonthica in **peasant farming.** [069946
for improved weed control on **peasant farms** 070009
Profitable **pig-farming.** 062607
Comparative survey of new **pig farms** & their 071435
Complete mechanization of **pig farms.** [U.S. 071634
Results of two-years work on a **pilot farm.** 062414
III. Permanence of effect of **farm planning** 062303
Cost of oil/gas & feed. [**Poultry farm** mana- 062494
of biocenosis of two **poultry farms** & its role 065688
Damages of noise pollution to **poultry farm** 072491
in chicks in a commercial **poultry farm.** 065929
fodder & ensilage in **practical farming.** 064861
Pig sties for specialized **private farms.** 071489
milking machines for **private farms.** 071651
forms of ties between **farming & processing** 062379
amount of labor for **farm production.** [Potat- 062336
incentives in collective **farm production.** 062521
aspects of sheep **farms--production** technical 064223
Measures of **farm productivity** & specializat- 062418
of production & prices for **farm products.** 062513
their effect on quality of **farm products.** 071977
of supervised **farming programs.** 062141
roof structures for **farming purposes.** 071444
of production on swine-**raising farms.** 062456
epizootic measures on swine-**raising farm** c- 065488
Eastern Plateau **Region farm** business sum- 062407
Changes in **farm rents** in Scotland 1971-72 062572
storage-retrieval system for **Research Ranch** 066899
interpretation. [**Research Ranch,** Arizona]. 066900
Cows: from pasture to parlour. [**Farm road**] 071421
Crop **rotation farming** & dynamics of nutriti- 068899
of forage production in **farms** with **sandy** soi- 068904
Capital assets of **farming** in **Scotland.** 062573
Scottish farm workers' hours & earnings 19 062571
Financial results of **Scottish farming** 1971-7 062574
in cooperative crop **farming section** "Elbaue 062346
by cooperative crop **farming section** of Zern- 064055
Control of economical aspects of **sheep farms-** 064223
On eradicating brucellosis from **sheep farms** 065765
in small scale tropical **farm situation.** 070010
Anaerobic digestion of dairy **farm slurry.** 072515
trend in mechanization of **small farms:** surv- 071521
processing industry **& socialist farms** in Lo- 062352
Specialized farm as symbol of rural progress 062436
Proper handling **& specialized farms** as fact- 064191
production on collective **farms specializing** in 062449
On sizes of **state farms** & their productive s- 062252
of leading worker on **state farm** Brno. 062323
of enlarged specialization on **state farms** in 062366
for improving economics of **state farms.** 062369
of agricultural production on **state farm** at 062419
cost accounting system on **state farms.** 062459
Turnover of circulating capital in **state farms.** 062519
primary agricultural products in **state farms** 062604
trees at "George Dimitrov" **state farm** duri- 069765
on progressive collective & **state farms** of re- 072129
drainage sector on Pervomaiskii **State Farm** 072351
feed produced on **farm** with **stationary** milli- 064095
Building economically. [**farm structures**]. 071494
Building economically. [**Farm structures**]. 071495
s view: effectiveness of **supervised farming** p- 062141
Management of a fattening **swine farm.** 062452
controls: where they hurt. [**Swine farms,** cos- 062477
with prefabricated elements in **swine farms** 071425
controls: where they hurt. [**Swine farms,** cos- 072482
Fuchsias on **farm** or one **thing** leads to anot- 069010
Four-wheel braking of **farm tractors.** 071571
horsepower & output of **farm tractors** as well 071582
pastures on Mummovskii **Training Farm.** 068721
Trends of development of **farm transport.** [071572
Weed control in small-scale **tropical farming** 069954
with herbicides in small scale **tropical farm** 070010
of pig enteroviruses in **farms** of **Ukrainian** 065575
harvesting equipment in **vegetable farming.** 071579
Farm waste treatment. 072523
of establishment in **farming** by **Wisconsin's** 062463
Automatization of **farm work.** 2. Hopeful au- 071552
small subsidiary privately-**worked farms.** [H- 062399
of unemployment insurance to **farm workers** 062548
Scottish **farm workers'** hours & earnings 19 062571
Hired **farm working** force of 1972; a statisti- 062829
Avena fatua) seeds buried in **farm yard** man- 067463
in farming by Wisconsin's **farm youth.** 062463

FARROWING

high fertility rates of **first-farrowing** sows. 065123
Three **farrowing pens:** which is best? 071514

FASCIOLA

in buffaloes. [**Fasciola gigantica,** Gigantocot- 065502
in swiss mouse & with **Fasciola hepatica** in 065372
Studies on development of **Fasciola hepatica** 065473
of chemical compounds. [**Fasciola hepatica**] 065532
of fascioliasis in cattle. [**Fasciola hepatica**]. 065562
for mass production of **Fasciola hepatica** mi- 065593
of critical test in sheep. [**Fasciola heptica**]. 065754

FASCIOLIASIS

of mutton from sheep with **fascioliasis.** 063200
A new stage in control of **fasciolasis.** 065751
of sheep in a severe stage of **fascioliasis.** 065775
tests in diagnostics of **fascioliasis** in **cattle.** 065561
examination of **fascioliasis** in **cattle.** [Fascio- 065562
Murine fascioliasis: laboratory model for de- 065532

FASTING

DDT deposited in omentum of **fasting albino** 070740
under influence of periodic Day-**long fasting** 064452

FATS

Studies on glyceride structure of **fats.** II. C- 063410
of main kinds of deterioration in **fats.** 063456
Changes in lipid **& fatty acid** composition d- 063396
autoxidation of unsaturated **fatty acid** methyl 063468
kinetics of some unsaturated **fatty acid** met- 063469

of some unsaturated **fatty acid** methyl esters 063470
Fatty acid composition of bovine intramuscu- 063623
model membrane systems. III. **Fatty acid** m- 063677
Determination of **fatty acid** composition in l- 063731
Oxidized **fatty acid** formation during seed s- 063787
lipid metabolism in pigs. II. **Fatty acid** com- 064344
Effect of diet & breed on **fatty acid** composi- 064731
of fatty liver in laying hens. II. **Fatty acid** s- 064907
Fatty acid composition of lipids in various p- 067479
during repening. II. Changes in **fatty acid** & 067877
On variability of **fatty acid** concentrations in 068178
Flavor thresholds for **fatty acids** in buffered 063392
Nature of oxidized **fatty acids.** [Fats, oils]. 063460
Changes in composition of **fatty acids** in so- 063466
Fatty acids in wheat varieties consumed in 063761
Nonvolatile oxidation products of **fatty acids** 063862
Fatty acids in different pulses produced & c- 063967
acid on metabolism of other **fatty acids,** in g- 064294
biohydrogenation of unsaturated **fatty acids** 064315
composition of plasma free **fatty acids.** 064345
Ammonium salts of **fatty acids** for milk pro- 064619
Synthesis of proteins & **fatty acids** after do- 064637
Significance of essential **fatty acids,** especial- 064753
Significance of essential **fatty acids,** especial- 064759
sorghum preserved with volatile **fatty acids** 064849
of imidazole on metabolism of **fatty acids** af- 067588
Fatty acids of indigenous resources for poss- 067748
Biosynthesis of unsaturated **fatty acids** by h- 067909
Fatty acids of fat body of Pieris brassicae L 070503
Petroleum hydrocarbons & **fatty acids** in wa- 072617
of chlororganic pesticides in **animal fats.** 063202
Controversy over relationship of **animal fat** 063270
Studies on **animal fats.** III. Phospholipid c- 063633
of chlororganic pesticides in **animal fats.** 070735
value of feed mixtures containing **animal fat** 064842
thermodynamics of **fats autoxidation.** [Food] 063473
Gamma-irradiation of **beef fat.** Effects on od- 063617
Fatty acids of **fat body** of Pieris brassicae L 070503
Storage of insecticides in **fat body** of Spodo- 070691
Fat deterioration of lean & **fatty canned** beef 063674
Carbohydrate-, fat-, protein metabolism & e- 064391
Chemical fat in musculature of sheep carcass 063609
Carbonyl compounds of **chicken fat** during c- 063683
in cocoa butter & in **fats** used in **chocolate** 063357
Fat content in milk determined by Lindstr- 063537
instrumental determination of **fat content.** 063570
Milk substitutes with different **fat content** in 064754
On problem of maximal **fat content** in dariy 064877
application of nitrogen on **fat content** in rice 067944
Chemical reactions involved in **deep fat** fryi- 063384
Hormonal influence on **fat deposition.** [Swi- 064480
characteristics of porcine **depot fat.** 064655
Fat deterioration of lean & fatty canned beef 063674
Optimum conditions for **determining fat** oxi- 063437
Determining fat, protein & lactose content of 063509
Method for **determining fat** distribution in 063530
infrared milk analyzer for **determining fat** & 063575
Milk substitutes with **different fat** content in 064754
Method for determining **fat distribution** in 063530
on technology & final produt. **[Edible fats].** 063457
Significance of **essential fatty** acids, especial- 064753
Significance of **essential fatty** acids, especial- 064759
in determination of crude **fiber, fat,** & moist- 063583
Sharp-melting **fat fractions** from cottonseed 063753
Prediction of yield of **fat-free** lean tissue fr- 063661
composition of plasma **free fatty** acids. 064345
reactions involved in deep **fat frying** of foods 063384
of components in deteriorated **frying fats.** 063462
influencing autoxidation of **fats & gatty** acids 063479
of surface of bovine milk **fat globule** membr- 064322
lipase in relation to **fatness** in **lambs.** 064411
of geese before force-feeding & **fatty liver** w- 064468
Studies on problem of **fatty liver** in laying h- 064907
On problem of **maximal fat** content in dariy 064877
Sharp-**melting fat** fractions from cottonseed 063753
of surface of bovine **milk fat** globule membr- 064322
Research of possibility to replace **milk fat,** 064591
Fat mobilizing lipase in relation to fatness in 064411
in triglyceride structure of **natural fats.** 063341
studies on splitting of **natural fats** by pancr- 063410
Analytical problems in field of **fats & oils.** 063433
products of lipid oxidation. **[Oils, fats].** 063459
Nature of oxidized fatty acids. **[Fats, oils].** 063460
acid methyl esters & glycerides. **[Oils, fats].** 063468
of some diacyl triglycerides. **[Oils, fats].** 063478
World exports of **oilseeds, fats,** & oils to inc- 062778
conditions for determining **fat oxidation** deg- 063437
Nature of **oxidized fatty** acids. [Fats, oils]. 063460
Oxidized fatty acid formation during seed s- 063787
Reaction of **fat peroxides** with protein. 063463
by physical transformations in **fat phase** dur- 063458
Conjugation of **polyunsaturated fats** with di- 063751
Vegetable **fat products** based on palm oil. 063413
Determining **fat, protein** & lactose content of 063509
Fat & protein content in fresh & stored milk 063538
of IRMA equipment on **fat & protein** deter- 063574
Carbohydrate-, **fat-, protein** metabolism & e- 064391
in combination with other **fats** in **ranch** mink 064768
Harmfulness of **rancid fat** in animal feed. 064802
Studies on rapid determination of **raw fat** in 064081
Group on Oilseeds, Oils & **Fats, Rome,** 12- 063340
in utilizing byproducts of **fat** in **sausage** pro- 063098
of bovine intramuscular & **subcutaneous fat** 063623
for measurement of **fat thickness** & rib eye 064120
carcass loin-eye area & **fat thickness** from u- 064211
kinetics of some **unsaturated fatty** acid met- 063469
thermodynamics of some **unsaturated fatty** 063470
for biohydrogenation of **unsaturated fatty** ac- 064315
Influence of peroxidized **unsaturated fat** & v- 064460
Biosynthesis of **unsaturated fatty** acids by h- 067909
Vegetable fat products based on palm oil. 063413
grain sorghum preserved with **volatile fatty** 064849

FATTENING

A new production of young cattle to **fatten.** 064180
One calf in three **fattened** in **batteries.** 064672
Raising & **fattening** of **beef** cattle. 8. 064608
of protein in diet offered to **fattening beef** c- 064621
in swine farms for **fattening** & **breeding.** 071425
Health of **broilers fattened** in two poultry h- 064557
fed in different form to **fattening broilers.** 064795
Health of **broilers fattened** in two poultry h- 065362
on use of straw meal pellets in **bull fattening.** 064859
place requirements of young **fattening bulls** 064224
Osteoarthrosis in young **fattened bulls.** 066003
resulting aspects of intensive **calf fattening** 064400
from slaughter wastes for **calf fattening.** 064761
Csl. Nukamel & Brezomix in **calf fattening** 064918
burneti & IBR virus in a **calf fattening** farm 065423
Nursing Friesian cow. **[Calves, fattening].** 064182
organization in **cattle fattening.** 062389
Economics of **cattle fattening.** 062485
opinions on profitability of **cattle fattening.** 062560
veterinary examination of **fattened cattle** & 063208
Organization of **fattening cattle** in stables w- 064154
New methods in raising & **fattening** of **cattle** 064765
versus rolled barley for **fattening cattle.** 064808
veterinary examination of **fattened cattle** & 065823
Comparative fattening of gilts with 62.5 per- 064909
Comparative fattening of inbred, outbred & 064911
Advice on **fattening culled** cows by grazing. 064865
Economical fattening of lambs with an anab- 064857
owned combined breeding & **fattening farm** 064214
burneti & IBR virus in a calf **fattening farm** 065423
Accounting for **feedlot fattening** of cattle. 062511
Lengthened **heifer fattening:** A possibility for 064868
Costs of **intensive fattening.** [Calves, poultry 062565
Problems in **intensive fattening** of calves wi- 064781
Intensive fattening of heifers. I. Growth. 064813
Intensive fattening of Malagasy Zebu cattle 064818
with Zeranol in **intensive fattening** of young 064856
compound forages in **intensive fattening** of g- 064912
for cost saving in **fattening lambs** [Equipme- 062508
with slotted flooring.i. **Fattening lambs** & y- 064238
for cost saving in **fattening lambs** [Equipme- 071556
of estrogens in **fattening** of **livestock.** 063041
between genotype & **fattening methods** of b- 064872
losses in calves during **milk fattening.** 064826
feeding method on **fattening performance** of 064767
Fattening performance in swine stalls: build- 071424
characteristics of **fattening performances,** & 065132
proteins in broilers during **fattening period.** 064894
Pig fattening as affected by their segregation 064914
on bioclimatic factors in a **pig fattening** shed 071478
on pulmonary oedema of **fattening pigs.** 065550
Accounting model--**poultry fattening.** 062318
Use of pancreatin in **poultry fattening.** 064752
n crossbreeding. 2. **Productivity, fattening** & 065191
ceramic floors of swine **fattening quarters.** 071497
bioclimatic factors in a pig **fattening shed.** 071478
Fattening & slaughter qualities of mixed bre- 065100
Fattening, slaughtering & some interior pro- 064264
indexes of **fattening** & **slaughtering** values. 064265
Management of a **fattening swine** farm. 062452
What should be weight of a **fattened swine?** 062484
finishing weight in **swine fattening.** 064650
mineral supplement in **swine fattening.** 064838
Brick & ceramic floors of **swine fattening** q- 071497
beef income by raising of **fattening weight.** 064869
Rearing & **fattening young** cattle on industr- 064153
lying place requirements of **young fattening** 064224
physiological problems in **fattening young** b- 064766
Some aspects on **fattening young** bulls with 064870
high energy feed rations for **fattening young** 064915
Osteoarthrosis in **young fattened** bulls. 066003

FAUNA

a new species for Romania's **fauna.** 071144
Acariologic fauna of house dust: results of a 071343
Studies on **arthropod fauna** of alfalfa. IV. S- 070313
Studies on **arthropod fauna** of alfalfa. V. Sp- 070314
Changes in coleopterous **fauna associated** wi- 070980
Taxonomic & **faunistic comments** on dectici- 071111
New bug species for **CSSR fauna** & observat- 071159
Faunistic & ecological research of Drosophil- 071334
de Gaulle (100 new species for **French fauna)** 071340
Peculiarities of **fauna & geographical** distrib- 071366
Some records of **insect fauna** of Gir forest, 071197
investigations of **invertebrate fauna** under st- 071257
On **fauna** of **Lauxaniidae** (Diptera) of Soviet 071126
Contribution for study of **longicorn fauna** of 071143
Materials to knowledge of **fauna** of **mining** i- 070281
Studies on **mite fauna** of house dust in Scot- 070567
noted to knowledge of **Odonata fauna** of Ta- 071345
New to **fauna** of **Poland** & interesting species 071306
of Geophilomorpha in **fauna** of **Romania.** [S- 071164
on an orchard sward & on **soil fauna.** 070077
Influence of Hygromull on **soil fauna** in aza- 071787
seasonal dynamics of **spider fauna** of Estoni- 071422
Carabidae) belong to **fauna** of **Wurttemberg** 071191

FEATHERS

Transmission of **feathery mottle** complex of 069703

FECES

Determination of **metabolic faecal** nitrogen 064247
in coecotrophes & other **feces** of **rabbits** with 064627
Pseudomonas sp. & **Faecal streptococci.** 063053
infected with **Streptococcus faecalis** or Stap- 065523
female pigs for separation of **faeces & urine** 064303
phosphorus-32-activities of **feces & urine** in 064565

FEED

Cost of oil/gas & **feed.** [Poultry farm mana- 062494
moulds & other harmful substances in **feeds** 063771
by-products used for preparation of **feeds.** 064039
nutritive value of yeasts. **[Feed].** 064070
Mycotoxins in **feed.** 064071
to take during protein shortage. **[Feed].** 064079
New technology for rapeseed cakes. **[Feed].** 064088
More attention to sugar beet pulp. **[Feed].** 064089
plant sources used in preparation of **feeds.** 064091
Mycotoxins in **feedstuffs.** 064102
microbiological assays of cystine in **feedstuffs.** 064634
Chalk or oyster shell for hens. **[Feed].** 064667
Means of increasing efficiency of using **feeds** 064777
Vitamin H deficiency in **feeds.** [Swine]. 065925
due to zinc relative defficiency in **feed.** 065944
fertilizers on yield of lupine for **feed.** 071980
raising quality of hay & **acid feeds.** 064098
Effect of chlortetracycline **feed additive** on 065443
needed in today's industry. **[Feed additives,** 063077
Use of antibiotics as **feed additives** in swine 064611
needed in today's industry. **[Feed additives,** 064681
Feed additives for pgis. 064687
Culture of lupine for **feed** & its **alkaloid** con- 068194
protein concentrations in **feed** on **anabolic** ef- 064755
Control of quality of granules in **animal feed** 064085
Harmfulness of rancid fat in **animal feed.** 064802
Wild oats & **animal feedstuffs.** [Avena fatua] 069935
of cost functions of Northwest **beef feedlots** 062551
Mineral additives to **feed** used for **beef** cattle 064770
Feed behaviour of Scolopendra morsitans Li- 071095
Better feed for livestock with performance; 064758
Quat to obtain larger weight & **better feed** 064797
conditions associated with **feedlot bloat.** 064661
determination of calcium in **feeds & blood** s- 064099
cattle with concentrated **feed brickets** made 064873
meeting needs for concentrated **broiler feeds** 064087
of rearing nurseries & **calf feedlots.** 062451
Milk replacers. **[Feed, calves].** 064084
in Karl-Marx-Stadt county. **[Feed, cattle].** 064053
developing straw pelletisation. **[Feed, cattle]** 064677
Urea supplements in **cattle feed** ration. 064895
of stationary distributors of **feeds** for **cattle** 071587
Effect of **chlortetracycline feed** additive on 065443
deadlines on feed value of **coarse feeds** from 064679
Test for use of some **commerical feed** mixtu- 063286
Liquid or granulated **feed complements** for l- 064597
ingridients (Zeranol) & **feed components** in 064796
On effect of **feed composition** & feeding me- 064767
Effect of **feed composition** on digestive activ- 071014
Use of **concentrated feed** in Austrian livesto- 064689
Feeding cattle with **concentrated feed** brick- 064873
young bulls with **feed concentrates.** 064766
Feed concentrates in Austrian animal husba- 064782
Feed costs for young breeding sows. 062558
Occurrence of **feed-dependent** muscular dyst- 065949
Flaxseed--a **dietetic feed** for calves. 064801
wool growth. I. **Feed digestibility** & mineral 064307
Thiabendazole in **feed** & its **effect** on somatic 065599
grains aid storing, handling & **feed efficiency** 064828
microingredients for **feedstuffs employed** in 065651
of coarse milled feed in high **energy feed** rat- 064915
Seven capital sins of livestock **feed factory.** 064086
Accounting for **feedlot fattening** of cattle. 062511
On relationships between **feed, feeding** & ov- 064855
aflatoxin in animals & in man. **[Feed, food,** 063218
of some carcinogenic mytoxins. **[Food, feed]** 063219
Protein quality of **feed & food.** 063232
copper & cobalt deficiencies in **feeds & food** 063441
Protein quality of **feed & food.** 064050
copper & cobalt deficiencies in **feeds & food** 064092
aflatoxin in animals & in man. **[Feed, food,** 064103
of some carcinogenic mytoxins. **[Food, feed]** 064104
Comparative value of various **formula feeds** 064728
WGF [wild **game feed],** a grain sorghum for 068797
Production & **feed grain** utilization balances 062943
Liquid or **granulated feed** complements for l- 064597
in preserved & fresh **green feedstuffs.** 063230
content of nitrites & nitrates in **green feeds** 064042
Increasing durability of **feed-grinding** knives 071695
Higher feed production by cultivation of gra- 068663
Increased production of mixed **horse feed.** 064075
quality of opaque-2 corn. **[Feed, human** nutr- 063226
of environmental factors, **including feeds.** 063055

Increasing feed prices are forcing changes in 064874
way of rationalization in **feed industry.** 064051
of animal production & mixed **feed industry** 064072
in raw grain used in mixed **feed industry** by 064096
of animal production & mixed **feed industry** 064161
Toxic fungi **infecting feedstuffs.** [Fusarium]. 064100
error in statistical analysis. [**Feed inspection**] 064073
cell walls. I. Prediction of **feed intake.** [She- 064726
of a reduction in frequency of **feed intake** on 064786
of round sugar beets for **feed** in **Kulunda** St- 072455
Can we economize on **feed** for **laying** hens? 064668
Seven capital sins of **livestock feed** factory. 064086
damages caused by **feed** in **livestock** nutrition 064669
Meeting feed requirements before & after ca- 064773
of a gradual increase of coarse **milled feed** in 064915
Supplementary **mineral feed** for improving 065112
of animal production & **mixed feed** industry 064072
Sieve analysis of **mixed feedstuffs.** 064078
Mixed feed produced on farm with stationa- 064095
in raw grain used in **mixed feed** industry by 064096
of animal production & **mixed feed** industry 064161
of various contents of Calcium in **mixed feed** 064593
More corn, grain & **mixed feed** in livestock 064757
of skim milk powder in **mixed feed** for suckl- 064764
Developing recipes for **feed mixes** for baby 064836
of vitamin A by hens, their **feed mixture** bei- 064825
for use of some commerical **feed mixtures** for 063286
Effect of storage on value of **feed mixtures** 064842
for biological testing of **feed & nutrients.** 065113
Feeds & nutrition. 23. 064613
Data processing in **optimal feed** rationing for 064723
status & prospects for **organizing feed** prod- 064716
Feedlot performance. [Cattle]. 064125
Feedlot performance & carcass quality of B- 065183
Use of **feed phosphates** with different amou- 064749
in cost & compositon of **feed** for **pigs.** 062501
current trends in feeding & to **Polish feed** b- 064087
Cubing of **feedstuffs** one of **possible** approac- 064080
Erosion from **feedlots** is **predicted** by adapti- 072265
Feed prices, accounts, & payment. 062495
Increasing **feed prices** are forcing changes in 064874
supplying raw materials for **feed processing** 062362
Selenium content of **feedstuffs produced** in 064045
Mixed **feed produced** on farm with stationa- 064095
Efficient structure of **feed production** on col- 062449
Higher **feed production** by cultivation of gra- 068663
prospects for organizing **feed production** & f- 064716
New methods of analysis of **feed products.** 064074
by a cow fed protein-free, **purified feed.** 064503
substances are included in **feed ration.** 064449
Urea supplements in cattle **feed ration.** 064895
Effect of addition of urea to **feed ration** with 064921
Data processing in optimal **feed rationing** for 064723
quality & quantity of protein in **feed rations** 064534
Effect of structure of **feed rations** on digesti- 064884
Effect of various **feed rations** on rumen dige- 064889
quality & quantity of protein in **feed rations** 064891
Effect of structure of **feed rations** for cows 064896
milled feed in high energy **feed rations** for f- 064915
content in monodiet type of **feed rations** for 064917
Effect of structure of **feed rations** for cows 065349
Feeds based on **raw** materials in 1972. [Bra- 064043
Use of German Democratic **Republic feed** va- 064054
Meeting **feed requirements** before & after ca- 064773
growth. 2. Influence of **feed restriction** & su- 064712
Feed storage. [Structures]. 071500
Strengthening feed base. 062331
feed valuation system in **feed testing** & acce- 064054
needs for concentrated broiler **feeds till** year 064087
Feed utilization & anatomical adaptation of 064430
larger weight & better **feed utilization** by sw- 064797
German Democratic Republic **feed valuation** 064054
Effect of cutting deadlines on **feed value** of 064679
Effect of **various feed** rations on rumen dige- 064889
Production of **feeds** in **Volga** region. [Pastur- 068713
distribution of **feeds** during **winter.** 064715

FEEDBACK

Central feedback mechanisms in neuroregul- 064249

FEEDING

in animal husbandry. 20. **Feeding.** 064612
Station Miles City, Montana. [**Feeding**]. 064809
breeds of swine relative to type of **feeding.** 064840
cattle in relation to level of **feeding.** 064897
Seasonal rhythm of **feeding activity** in milli- 071104
in sperm of rabbits after **alfalfa feeding.** 064588
Relevance of **animal feeding** trials to human 063256
in meat & organs of slaughter **animals fed** z- 063179
Some views on **feeding animals** in confined 064775
in meat & organs of slaughter **animals fed** z- 064827
Antibiotic feeding of farm animals & resista- 065439
Behavior of **artificially fed** lambs. 064274
Feeding Beagle puppies with Welpi-lac. 064751
Mating, **blood feeding,** & oviposition of Sim- 071072
recommendations on **feeding** of **breeding** boa- 064862
of using conifer flour in **feeding broilers.** 064888
Intoxication of **buffaloes fed** with Brachiaria 066043
of beef production. [Cattle, **feeding, Bulgaria**] 064776
in farm yard manure & **fed** to **bullocks.** 067463
Growth & carcass traits of **bulls fed** to point 064852
Calf feeding in Florida can pay. 064682
Colostrum yoghurt for **calf feeding.** 064784
to milk protein substitutes. [**Calves, feeding**) 064760
Development in **feeding** & **care** of breeding 064763
Growth of beef **cattle fed** on maize silage su- 064651
Means of improving **cattle feeding** in arid V- 064718
of beef production. [**Cattle, feeding,** Bulgaria 064776
of haysilage & its use for **feeding cattle.** 064788
Use of straw wafers in **cattle feeding.** 064790
of quality milk, iII. [Dairy **cattle, feeding**]. 064846
added to ensilage maize for **cattle feeding.** 064860
Feeding cattle with concentrated feed brick- 064873
production & fertility. [Dairy **cattle, feeding** 064671
of free amino acids in muscle of **chickens fed** 064623
secretion by exocrine pancreas of **chicks fed** 064497
treated cottonseed meal. [**Chicks, feeding**]. 064688
Use of ammonium salts in **feeding chicks** rai- 064750
basic parameters of **combined feeders** for m- 071689
Commerical feeding stuffs inspection report, 064049
administration of NPN **compounds fed** in pl- 064633
On behavior **conditional feeding** & lying pla- 064224
supplement for lactating cows **fed corn** silage 064653
Broadcasting of grain with **coulters fed** pne- 071569
On metabolism of sucrose by a **cow fed** prot- 064503
milk yield & composition in Jersey **cows fed** 064619
protein supplement for lactating **cows fed** c- 064653
composition of milk obtained from **cows fed** 064791
Effect of **feeding Cyolane**--treated lucerne h- 066039
Poultry wastes can be **fed** to **dairy** cattle, B- 064666
Feeding dairy cattle in lower Volga region. 064717
DKA starter **diet fed** in different form to fat- 064795
crossbred cattle on **different feeding** planes 064880
feeding & fasting in sheep **fed different** diets 064920
Drought feeding of sheep. 3. relative import- 064644
Effects of type of **feeding** on **effectiveness** of 062602
Feeding elicited in sheep by intrahypothala- 064360
Effects of frequency of **feeding** on **energy** m- 064658
A program of high **energy feeding** for dairy 064706
Studies on **feeding** of **extracted** rape seed m- 064639
ammonia in rumen during **feeding** & **fasting** 064920
On relationships between **feed, feeding** & ov- 064855
s microbial population **following feeding** in 064625
s microbial population **following feeding** in 064626
measurements of geese before **force-feeding** 064468
Summary & analysis of Ohio **graded feeder** 062659
Feeding, growth & main properties of fine 064577
animals on distribution & **feeding habits** of g- 070661
enriched with magnesium, in **hen feeding.** 064902
Herbivore feeding & cyanogenesis in Trifoli- 068015
Effect of **feeding high** doses of urea on tissue 063596
sources for finishing ruminants **fed high**-con- 064740
Nutritional physiology & **feeding** of **horses.** 064762
Limits of pasture **feeding intake** of dairy cat- 064871
Arthrosia of calves **intensively fed.** 065978
Behavior of artificially **fed lambs.** 064274
Feeding laying hens cooked soybeans. 064642
ram progeny raised at various **feeding levels** 064898
Study on effect of various **feeding levels** of 064913
Disorders in **liquid feeding** in pig house. 064690
Trypanosoma evansi in cat by **feeding liver,** 065504
of growth hormones in **livestock feeding.** 064670
Maintenance. [**Livestock, feeding**]. 064691
vitamin concentrates in **livestock feeding.** 064789
Jerusalem artichoke for **feeding livestock.** 064792
Beef: **feeding** & **management** of beef female 064648
of combined feeders for **mechanized feeding** 071689
effect of feed composition & **feeding method** 064767
of shelter, level of **feeding,** & **method** of for- 064965
New **feeding methods** for dairy cattle. 064602
Feeding of **mineral** supplements to pregnant 064787
A plant-**feeding mite** Mononychellus tanajoa 070378
Feeding orchids. 069043
Limits of **pasture feeding** intake of dairy cat- 064871
are forcing changes in **feeding patterns.** 064874
mixtures for poultry in **feeding** of **pheasants.** 063286
analysis of Ohio graded **feeder pig** auctions, 062659
crossbred cattle on different **feeding planes** 064880
A **plant-feeding** mite Mononychellus tanajoa 070378
Plan for livestock. [Forage **plants, feeding**]. 064821
Feeding plants with ammonia water through 067870
Pneumatic feeding of grain in seed drills. 071565
of grain with coulters **fed pneumatically.** 071569
to current trends in **feeding** & to **Polish** feed 064087
especially of linoleic acid in **poultry feeding** 064753
Production feeding of lambs with diets based 064643
metabolism of sucrose by a cow **fed protein-** 064503
of plasma corticosterone of rats **fed proteins** 064638
C-cholesterol turnover in **pullets fed** a basal 063255
with different levels of **feeding** & **quantities** 064844
Ration fed to cows affects horn flies.[Haem- 064707
effect of their inclusion into **feeding rations** 064493
of plasma corticosterone of **rats fed** proteins 064638
feeding of pheasants. II. **Feeding** & **rearing** 063286
Methods of **feeding relating** to renewed inte- 064793
Feeding requirements for dairy cattle. 064823
Effect of **restricted feeding** on laying hen. 064610
Restricted feeding of broiler type replaceme- 064730
of effect of uniform year **round feeding** on i- 064604
sources for finishing **ruminants fed** high-con- 064740
About development of **screw feeders.** 071627
Self feeder for cattle. 071644
feed production & **feeding** of **sheep** in irriga- 064716
Ammonia formation in rumen of **sheep fed** 064841
rumen during feeding & fasting in **sheep fed** 064920
Feeding of **Simulium** hargreavesi Gibbins la- 070939
of cattle as influenced by **soilage feeding** & 064867
by exocrine pancreas of chicks **fed soybean** 064497
plasma amino acids of steers **fed soybean** m- 064742
What to pay for **feeder steers.** 062656
plasma amino acids of **steers fed** soybean m- 064742
Experinece in production & **feeding** of **straw** 064678
Commerical **feeding stuffs** inspection report, 064049
Influence of exogenous **sugar feeding** on acc- 067888
Summer **supplementary feeding** of dairy co- 064774
fresh & concentrated) in **swine feeding.** 064834
biological supplements. [**Swine, feeding**]. 064835
of mistakes in **feeding techniques** & damages 064669
Relevance of animal **feeding trials** to human 063256
Feeding value & uses of food waste by-prod- 064609
ram progeny raised at **various feeding** levels 064898
Study on effect of **various feeding** levels of 064913
of diet composition on **feeding** & **water** excr- 070922
Supplying minor elements in **winter feeding** 064875
Significance of hay quality in **winter feeding** 064878
Feeding young cattle on industrialized farms 064778
Feeding of **young** breeding hens of meat type 064794
Utilization of pastures in **feeding** of **young** c- 064800
meat & organs of slaughter animals **fed zinc** 063179

FEES

Regulation of **fees** for **veterianarians** within 065305

FELINE

cocentration] stability of **feline calicivirus.** 065515
A **feline case** of pericardiac diaphragmatic h- 065939

FEMALE

Reproductive efficiency in **aged female** rabbi- 065029
Beef: feeding & management of **beef female** 064648
value determination of **female cattle** (Estim- 065114
Hendel males & **females** at **different** age lev- 070874
in gut of Hyalomma **excavatum female** ticks 071080
Female flower induction on androecious cuc- 068248
I. Development of **female genital** organ & o- 070301
of permanent catheters in **growing female** p- 064303
trend in **females** of 1971's All **Hokkaido** Ho- 064174
reproductive system of **female housefly,** Mu- 070924
Female of **Lithocolletis** (=Phyllonorycter) 071229
in Drosophila **melanogaster females.** 070868
traits of male & **female progeny** from a he-g- 064946
limiting response of **females** of **Queensland** f- 070925
Mastitis in **female reindeer.** 065821
in composition of log bones in **female swine** 064372
conformation of **females** within **various** beef 064512

FEMUR

Plate fixation of **comminuted femoral** shaft 065221
A case of bilateral resection of **femoral small** 065942

FENCES

mechanization of **fencing** of **cultivated** pastu- 071559
Experience gained with new **electric fencing** 071498
Fence-posts preservation by sap-displaceme- 066488

FENITROTHION

with insecticides **containing fenitrothion.** 070381

FENS

Manuring of potatoes on **fen silt** soils in Ho- 072106

FERMENTATION

in dairy plant. [**Fermentation bacteria**]. 063541
changes during cocao **bean fermentation** usi- 063436
dioxide production in **fermentation** of **brined** 063124
formation in brined **cucumbers fermented** by 063123
Water management in **fermentation** & **food** 063412
Heat effect on **fermentation** of **red** vintage; 064009

FERNS

A new species of **fern** from **deposits** of Sariar 066630
A collection of **ferns** from **eastern** Nepal. [P- 066662
Epiphytic ferns. 066898
Discovery of **ferns** in **extreme** south-east of 066749

FERRIC

On localization of **ferric phosphate** polymer 067860
of polyphenols (tannins) with **ferric salts.** R- 063315

FERRICYANIDE

photoreduction of **ferricyanide** & **coupling** p- 068334

FERRITIN

Structure & function of **ferritin.** [Mamals, p- 064280

FERROCYANIDE

with hydrogen peroxide & **ferrocyanide.** 064325

FERROUS

evaluation of ammonia & **ferrous sulphate** tr- 064688

FERTILITY

reports on milk production & **fertility.** [Dai- 064671
I. Morphological characters & **fertility.** 067147
effects on hatching, survival, & **fecundity.** [S- 070571
Modern **fertility advancement** on cattle far- 065111

plowed layer by **fertility** with an **alfalfa** crop 071924
Fertility of **animals**--a possibility for biologi- 065113
Evaluation of **fertility** in **Black** Pied Lowla- 065043
in some varieties of **infertility** in **bulls.** 065179
fruiting of sterile & **fertile carrot** forms. 068410
Prophylaxis of **infertility** in **cows.** 065161
monoculture on its yield & **fertility** of **dark** 068617
of sandy soils based on **fertility dynamics.** 072341
acetate on fecundity & **fertility** of **Dysdercus** 070243
Increase of **fertility** of **eroded** brown forest 071975
Soil **fertility experiments** with tomatoes, 19 071988
Quantitative effect of **fertility factors** on yie- 071917
triphenyltin acetate on **fecundity** & **fertility** 070243
duration & effect on **flock fertility** of initial 064950
control of stock for **furthering fertility** & for 065114
Fertility & **germinability** of seven parents of 067125
cerrado vegetation: a **fertility gradient.** 066854
on dry matter production & **grain fertility** of 067943
Fertility & **growth** of rabbits of White New 065203
Comparative study of **hatchability, fertility** 065004
mineral feed for improving **herd fertility.** 065112
Securing **high fertility** rates of first-farrowi- 065123
on development & **fertility** of **housefly,** Mus- 070598
Increased fecundity of Egyptian cotton leaf- 070411
harder work aimed at **increasing fecundity** 065156
Use of a **fertility index** in soil test interpret- 072013
on some sandy soil **fertility indicator** & crop 068896
crops on brown sandy soil **fertility indicator** 068907
on productivity & **fertility indicator** on sandy 072237
Prophylaxis for **infertility** of **infectious** dise- 065482
Agrophysical indices & **fertility** of **irrigated** 071925
Relation of **fertility level** & fungicide applic- 069507
Note on soil nitrogen **fertility levels** & sorg- 072094
rotation & monoculture on **fertility** of **light** 068890
on weight of lambs & **fertility** of **long**-wool 064474
on their **fertility** & **management.** 071911
Modern fertility advancement on cattle far- 065111
Note on soil **nitrogen fertility** levels & sorg- 072094
hormones associated with **fertile** & **nonfertile** 065014
Soil **fertility problems** associated with land 071812
manimum performance & **fertility rate** of ca- 065115
Securing **fertility rate** of sows when reducing 065122
interpretation of **fertility rate** by means of e- 065130
Securing high **fertility rates** of first-farrowi- 065123
Fertility of **reclaimed** peat-boggy soils as aff- 072175
Elevation of **fertility** on **sandy** & sandy loam 072246
Securing fertility rate of sows when reducing 065122
Sheep fertility in Western Australia. 065003
of pregnant mare serum. [**Fertility, sheep,** s- 065148
of root & stubble residues on **soiil fertility** 071728
of inter cropping on some sandy **soil fertility** 068896
forage crops on brown sandy **soil fertility** in- 068907
Soil fertility problems associated with land 071812
Testing of **soil fertility.** 071894
Biological activity & **soil fertility** with vario- 071920
Research on **soil fertility** & fertilizatin in T- 071986
Soil fertility experiments with tomatoes, 19 071988
Soil fertility: one key to top quality forage. 072018
Biological activity & **soil fertility** with vario- 072312
of weaning method on **fertility** of **sow.** 064976
Causes of **infertility** & **sterility** in cows. 065065
of pregnancy in swine & **fertility, viability** & 065187

FERTILIZATION

varieties. I. Yield response to **fertilization.** 072161
cereals by nitrogen **fertilization according** to 072025
Effect of **advance fertilization** with lacustrine 068258
of estimation of **fertilization** of **apple** trees in 072182
aid for scientific **fertilization approach.** 072028
Rupee 1 spent on **balanced fertilisation** of ri- 062503
Effects of **fertilization** of a **black** spruce sta- 068523
Fertilization catalog of agrochemical centers 072028
particular reference to **fertilizing cereals.** 072032
Effect of plowing **depth, fertilization** & rhiz- 071844
Effect of N [nitrogen] **fertilization** on **dry** 067884
Research into tubal pig **eggs fertilised** in vit- 064951
Concept of **forest fertilization** returns in No- 066201
Mechanical **forest fertilization** with lime ma- 072045
Forest fertilization in Sweden in 1971. 072190
Practical application of **forest fertilizing** pr- 072199
Economic sides of **forest fertilizing.** 072200
Fertilization of **grain** crop. 072140
at different levels of **fertilization** of **grass** st- 072184
Fertilization of **hop** cultures with minor ele- 072058
Fertilizing leys in Troms & Finnmark. 072044
on effectiveness of **fertilization** in **long**-term 072160
Magnesium fertilization of fruit plants. 068466
Post-**fertilization maternal** effects on sperm 065028
of testing a **micronutrient fertilization** model 072027
Influence of **mineral fertilization** on nitrogen 068325
year of cultivation & **mineral fertilization.** 069080
Mineral fertilization of grapes. 071989
Mineral fertilization & human health. 072062
Optimised plot-related **mineral fertilization** 072031
testing a micronutrient **fertilization model** u- 072027
of phosphorus & **molybdenum fertilization** on 071970
Economics of **nitrogen fertilization** to irriga- 062531
of different level of **nitrogen fertilization** on 068689
under high level of **nitrogen fertilization.** [E- 069453
of quality cereals by **nitrogen fertilization** a- 072025
Economics of **nitrogen fertilization** to irriga- 072086
in economics of **nitrogen fertilization** of buri 072092
Nitrogen fertilization & harvest time for pa- 072139
Harvest of 1972 & **nitrogen fertilization** for 072150
Effect of **nitrogen fertilization** & time of so- 072162
Nitrogen fertilization for maximum product- 072204
differentiated level of **nitrogenous fertilizing** 068212
Fertilising passion fruit in Sigatoka Valley. 072037
acid under heavy **phosphate fertilization.** 071817
Post-fertilization maternal effects on sperm 065028
Potassium fertilization. 072026
implement for soil **preparation, fertilizing** & 071636
application of forest **fertilizing program.** 072199
to frozen semen on its **fertilizing properties** 065040
Fertilizing properties of root system of yell- 072238
Concept of forest **fertilization returns** in No- 066201
a decisive aid for **scientific fertilization** app- 072028
Effect of **fertilization** upon **seasonal** changes 072142
period of tilling ground & **soil fertilization** 068851
potassium oxide at **standard fertilization** wi- 072230
Fertilization of **subirrigated** meadows in wes- 072158
forest grass swards by **tillage, fertilization,** 068873
trees show response to **fertilization** at **time** 072202
concentrations after **urea fertilization.** [Neo- 070533
grown in sand culture & **variously fertilized** 068313
analysis: an aid in **fertilization** of **vegetable** 072138
of depths of tillage & **fertilization** on **yield** 069213
Effect of **fertilization** on **yield** & composition 072161
Effect of **fertilization** on **yield** & specific gr- 072180
Fertilizing young forest. 072198

FERTILIZERS

effectiveness of its application. [**Fertilizers**] 062538
values of grass in relation to **fertilizers.** I. ef- 068008
value of grass in relation to **fertilizers.** II. ef- 068009
Gorj district), depending on **fertilizers.** [Agr- 068187
IV. Long term trials. [**Fertilizers**]. 068673
wheat grain & planting date & **fertilizers.** 068750
MA3,5 chemical conditioners & **fertilizers.** 071687
Nitrogen on grassland. [**Fertilizers**]. 071999
one key to top quality forage. [**Fertilizers**] 072018
IV. Long term trials. [**Fertilizers**]. 072038
values of grass in relation to **fertilizers.** I. ef- 072041
value of grass in relation to **fertilizers.** II. ef- 072042
strong wheats in Ukraine. [**Fertilizers**]. 072067
has come to stay in Coimbatore. [**Fertilizers** 072099
Berseem & **fertilizer.** 072109
product is used in field. [**Fertilizers**]. 072165
soils as affected by application of **fertilizers** 072175
food elements for a maize crop. [**Fertilizers**] 072205
from Karatau phosphorites. [**Fertilizers**]. 072210
for planning allocation of **fertilizers.** 072218
determination of rations of **fertilizers.** 068147
Effect of **fertilizers** on a very **acid** sandy soi- 072177
effectiveness of **fertilizers** in **agricultural** pr- 072214
with N [nitrogen] **fertilizer Agronit** contain- 071976
of various forms of **ammonium fertilizers** wi- 071978
Effect of **fertilizers** on **apple** fruit set. 068501
Food production & **fertilizer application.** 13. 062613
Studies on effect of **fertilizer application** of 067944
Liquid **fertilizer application**--state of art & 071586
system. [**Fertilizers, application** equipment] 071708
relation to systems of **fertilizer application** 071944
Fertilizer application with recultivation of t- 071983
of fruit culture. [**Fertilizers, application,** yie- 072061
Effect of nitrogen **fertilizer application** dates 072069
Effect of **fertilizer application** on regenerati- 072077
Dioscorea rotundata) to **fertilizer application** 072107
phosphorus-potassium **fertilizer application** 072120
region near Moscow. [**Fertilizer application**] 072129
On duration of effect of **fertilizer application** 072192
system. [**Fertilizers, application** equipment] 072339
on quantities of mineral **fertilizers applied.** 072141
F.A.I. [**Fertiliser Association** of India] simi- 072033
of application & types of **boron fertilizer.** 067566
I. effect of **fertilizers** on **botanical** composit- 068008
working methods of **bulk fertilizer** chains. 072052
from **fertilizer** use in North **Carolina.** 072156
working methods of bulk **fertilizer chains.** 072052
Effect of **fertilizers** on **chemical** composition 068027
Effect of **fertilizers** on **chemical** composition 068066
in crop cultivation. 19. [**Chemical fertilizers** 071972
of doses of organic & **chemical fertilizers** on 072207
Corrosive effects of **commercial fertilizers** & 072148
views on problem of **commercial fertilizers** 072197
Commercial fertilizers & environmental pre- 072603
views on problem of **commercial fertilizers** 072605
forms of phosphorus in **complex fertilizers** 071979
concerning efficacity of **complex fertilizers** 072206
dosage of **fertilizers** in **connection** with irrig- 072072
manganese-**containing fertilizers** on yield of 071980
of method of soil tillage & **fertilizers** in **crop** 068901
Effectiveness of **fertilizers** in **developed** crop 072225
Effect of **different fertilizers** on yields of pl- 068897
nutrient surveys for **discriminatory fertiliser** 072178
pesticides & **fertilizers** for **disinfection** of en- 065553
Comparative study of **fertilizer distributors** 071536
Effect fertilizers on certain physiological pr- 068067
Fertilizer experiments with white cabbage f- 072043
Irrigation & **fertilizers** as **factors** for regulat- 072193
pine stands in vicinity of a **fertilizer factory.** 066153
Types of **fertilizers** used on **farm** crops in E- 072048
efficient utilization of **fertilizers** on **grain** cr- 072071
compound **granulated fertilisers** in increasing 072036
determining frability of **fertilizer granules.** 072132
for efficient use of **fertilizers** in **heavy** Cher- 071977
meadows under influence of **heavy fertilizer** 071987
of India] siminar on **fertilisers** in **India** in s- 072033
Worldwide expansion of **fertilizer industry.** 071967
Italian phosphate **fertilizer industry.** Weath- 072170
Effect of **fertilizers** & **irrigation** on properti- 067988
Effect of **fertilizers** & **irrigation** on biochemi- 068029
of seed rates, row spacing & **fertilizer levels** 068735
of irrigation water & **fertilizer levels** on yield 072232
of soil test data & **fertilizer** & **lime** recomm- 071994
Liquid fertilizer application--state of art & 071586
Introducing **liquid fertilizer.** 072053
application of new forms of **liquid fertilizers** 072164
of intensification of **fertilizer** use in **Lodz** pr- 072163
Fertilizer marketing. 072051
potassium] **fertilizers** for **maximum** producti- 072110
potassium] **fertilizers** for **maximum** producti- 072111
Effect of **fertilizers** & their **methods** of appl- 072084
irrigation water & **fertilizers** on **millet** & co- 068658
Economic effectiveness of **mineral fertilizers** 062522
of large doses of **mineral fertilizers.** 067869
under influecne of **mineral fertilizers** & diffe- 068185
Influence of several **mineral fertilizers** on c- 068188
of dosage & ratio of **mineral fertilizers** on y- 068196
Mineral fertilizer sprayers--approved & new 071625
substances contained in **mineral fertilizers** to 071785
brown forest soils by **mineral fertilizers.** 071975
of dosage & ratio of **mineral fertilizers** on y- 071982
for higher effectiveness of **mineral fertiliser** 072029
transport & handling of **mineral fertilizers.** 072030
Effective use of **mineral fertilizers** on irrigat- 072070
Liquid **mineral fertilizers.** 072097
Effect of organic & **mineral fertilizers** on co- 072122
properties & efficiency of **mineral fertilizers** 072130
consumption of **mineral fertilizers** in Europ- 072135
on quantities of **mineral fertilizers** applied. 072141
planting application of **mineral fertilizers** on 072208
Storage of **mineral fertilizers.** 072234
increases effectiveness of **mineral fertilizers** 072235
Effect of organic & **mineral fertilizers** on pr- 072237
application of organic & **mineral fertilizers.** 072240
of physical properties of **fertilizer mixtures** 072124
Effect of **molybdenum fertilizers** on annual 071984
Fate of **fertilizer nitorgen** applied to paddy f- 067954
at early heading & of **nitrogen fertilizer** on 067925
Fate of **fertilizer nitrogen** applied to paddy f- 067953
Effect of **nitrogen fertilizers** on organic acid 067973
Effect of nitrate **nitrogen fertilizer** on rice p- 068173
Th influence of **fertilizers** with **nitrogen** & p- 068497
Interactions in source of **nitrogen fertilizer** 069343
of different foliar-applied **nitrogen fertilizers** 070534
on conversion of **nitrogen fertilizers** in soil 071815
of different foliar-applied **nitrogen fertilizers** 072002
Application of **nitrogen fertilizer** in poplar 072008
Time of application of **nitrogen fertilizer** to 072020
Interactions in source of **nitrogen fertilizer** 072060
means of applying **nitrogen fertilizers.** 072064
Effect of **nitrogen fertilizer** application dates 072069
different amounts of **nitrogen fertilizers** on 072101
of various forms of **nitrogen fertilizers** with 072116
of higher norms for **nitrogen fertilizers** on w- 072125
Use of **fertilizer nitrogen** on a dairy farm. 072147
Effect of types of **nitrogen fertilizers** on yie- 072221
time of application of **nitrogenous fertilizer** 072168
Fertilizers for **orchard** nurseries. 072187
lower moor peat as **organic fertilizers** from 068258
Effect of mineral & **organic fertilizers** on wi- 072065
nitrogen residues of **fertilizers** & of **organic** 072185
Efficiency of **organic fertilizers** in providing 072196
Italian **phosphate fertilizer** industry. Weath- 072170
relative efficiency of **phosphatic fertilizers** in 072089
of nitrogen & **phosphorus fertilizers** on expr- 069538
Influence of **fertilizer** use on **phosphorus** & 072005
of nitrogen & **phosphorus fertilizers** on expr- 072174
Fertilizer & **plant** protection equipment. 071574
relatitive to type of **potassium fertilizer.** 072119
relation to phosphorus-**potassium fertilizer** 072120
Fertiliser prices in India. 072034
work with **fertilizers** is **problem** of day. 072128
A comparison of **fertilizer programmes** for d- 071997
Fertilizer proportions for fruit trees & bush- 072046
Influence of manures & **fertilisers** on **quality** 063744
Effect of **fertilizers** on **quality** of soft wheat 072066
Influence of manures & **fertilisers** on **quality** 072095
Impact of **fertilizers** on **rainfed** ragi. YMellet 072079
under influence of heavy **fertilizer rates.** 071987
White Mefo to selected **fertilizer regimes.** 072039
Relating fertiliser use to profit. [Grasses]. 072145
with early spring & late non-**root fertilizer** 072116
of cover policies & **fertiliser** use in **rubber** c- 062554
Progress of soil & **fertilizer sciences** in Tai- 071711
Improved White Mefo to **selected fertilizer** 072039
Response of paddy to **fertilizers** in **Shimoga** 072153
plant mass of corn from **fertilizers** & **soil.** 068063
in manuring: 1500 tons of **fertilizers sold** a 071516
for joint application of **solution fertilisers** & 069991
Mineral **fertilizer sprayers**--approved & new 071625
effectiveness of mineral **fertiliser stores.** 072029
of basic tillage & **fertilizer** on **sunflower** yie- 072176
season in Thailand. [**Fertilizers, temperature**] 069774
apple under various **fertilizer treatments.** [I- 071969

phosphorus, potassium] **fertilisers** on **tree** g- 068974
Influence of **fertilizer type** on nitrogen bala- 071991
On effectiveness of **utilizing fertilizers** on co- 072134
of Baldwin apple under **various fertilizer** tre- 071969
On effective use of **fertilizers** in **Volgograd** 072073
region. II. [Slaughterhouse **waste, fertilizers** 072112
Effect of **fertilizers** on **water**-absorbing capa- 068382
potassium] **fertilizers** in south **Western** Raj- 072093
Application of **fertilizers** to **wheat** & corn u- 072074
of levels of N [nitrogen] **fertilizer** on **yield,** 068036
Effect of **fertilizers** on **yield** & qualtity of irr- 071981
Effect of **fertilizers** on **yield** & qualtity of h- 072118
of split application of **fertilizers** on **yield** of 072136
Effect of **fertilizers** on **yields** of crops in crop 072241

FERULA
SEE UMBELLIFERAE

FESCUE
SEE FESTUCA

FESTUCA
bent cultivars, 1971-2. [**Festuca, Agrostis**]. 068835
L.) Vill. (2n=42) x **Festuca arundinacea** Sc- 067148
cultivars of tall fescue (**Festuca arundinacea** 068690
brush to tall fescue. [**Festuca, culture**]. 068798
within & between Lolium & **Festuca genera.** 067065
weed grass species. [Lolium **perenne, Festuca** 070069
Cytoembryologic study of **Festuca pratensis** 066978
Mansh.) Wittm. & **Festuca pratensis** Huds. 067064
Lolium perenne L. & **Festuca pratensis** Huds 067319
of growth & development of **Festuca rubra** L 068068
Infection of Lolium & **Festuca spp.** by Drec- 069311

FETAL
Neutralizing activity of **bovine foetal** sera a- 065614
Growth of **calf fetus** of single or multiple pr- 064938
of pregnant sows & their **foetuses** in **last** thi- 064924
hormone & oestrogen in **foetal** & **maternal** 065019
creatine kinase in rabbit during **fetal** & **neo** 064291
Fetal & **neonatal** development of Sinclair (s- 064371
Blood volumes of **fetal** & **newborn** sheep. 064478
Fructose in **pig foetuses** in last third of intr- 064349
Foetal swine erythropoiesis. 064465
ketose-reductase in placenta & **fetal tissues.** 064408
Cereals, Tilletia **foetida, Ustilago** kolleri, U- 069279

FETOPROTEIN
of serum alpha-**fetoprotein** in **mice** treated w- 066006

FEVER
on vaccines against bovine **ephemeral fever.** 065412
Action of swine **fever live** virus vaccine of " 065580
measures to control & treat **swine fever.** 065516
Inducing immunity to **swine fever** in pigs in- 065747

FIBERBOARD
Corrugated cardboard in packing of fruits. 063907

FIBERS
of factors responsible for **fibre accumulation** 069147
mechanical properties of jute & **allied fibers** 063693
storage of Narcissus flowers in **fibre-board** 063895
Fiber bonding & tensile stress-strain propert- 066551
Determination of **fiber** & **bran** content: Prin- 063768
components of intact bovine **collagen fibres** 064313
A possible indicator muscle for **fibre content** 064288
Crude-**fiber content** of pasture grass & its in- 064858
Fibre content in monodiet type of feed rati- 064917
ion concentration] & **fiber contraction** state 063622
phosphoryl-polyprenols in **cotton fibers.** 063756
World's cottons: a summary of **cotton fiber** 063845
interference in determination of **crude fiber, Crude-fiber** content of pasture grass & its in- 063583 064858
A study of **fibre dimensional** changes on dry- 066530
Fibre drum holds vinegar. [Shipping]. 062661
in determination of crude **fiber, fat,** & moist- 063583
physico-mechanical properties of **fiber-flax** f- 068066
Chemical weed control in **fiber flax.** 070118
various technologies for harvesting **fiber flax** 071678
peat-manure mixture directly to **fiber flax.** 072217
Giant fibres in ventral nervous system of ce- 071094
Rheology of steel-& **glass-fibre** reinforced b- 066472
of Intergovernmental Group on **Hard Fibres** 063727
of various technologies for **harvesting fiber** f- 071678
Larix leptolepis Gordon). 4. **Individual fiber** 066510
of mean micellar angle & **fiber length** in tru- 068554
Group on Hard **Fibres, Merida,** Mexico, 8- 063727
Comparing **muscle fibre** thickness in pork fr- 063602
Prenatal development of **muscle fiber** types 064479
performance as related to **fibre quality** & ya- 063750
Rheology of steel-& glass-**fibre reinforced** b- 066472
Comparing muscle **fibre thickness** in pork fr- 063602
Prenatal development of muscle **fiber types** 064479
Chip quality, bark tolerance & **fiber yield.** 066412

FIBRILS
sulfate in a case of **atrial fibrillation** in a H- 065918
their effects on **fibril formation.** 064327

FIBROBLASTS
disease virus in chick **embryo fibroblasts.** 065503

FIBROSE
Cases of **osteodystrophia fibrosa** in cat & ho- 065943

FICUS
disciformis] from Dinia. [**Ficus benghalensis** 069431
of furocoumarins in leaves of **Ficus carica** L. 068255

FIELDS
screening to remove bark & foliage in **field.** 066507
willow species & clones in laboratory & **field.** 069782
for assessment of Avena spp. in **field.** 070045
fly (Leptohylemyia coarctata) within **fields.** 070322
Teach combine operation in **field.** 071512
not limited to grapes & lettuce--your **fields** 071517
Measure of soil permeability in **field:** A new 071855
semimanufactured product is used in **field.** [072165
Curculionidae) in an **abandoned field.** 070834
on soil moisture of **adjacent fields.** 066163
of optimum capacity of **agricultural field** equ- 071618
in population of Arthropoda in **alfalfa field** 070359
Results of some studies in **field** of **Apis** mell- 071390
Automated field choppers, savings through s- 071612
Physiology of seed yield in **field beans** (Vicia 068045
Physiology of seed yield in **field beans** (Vicia 068046
Yield tests of dry **field beans,** 1972. [Kidney 068645
Control of grass weeds in **field beans** (Vicia 069971
repens seedlings in cereals & **field beans.** 070072
Achievements in **field** of **biology** of reproduc- 065059
Regular tasks in **field** of **breeding** & seed cu- 067249
fruit fly, Dacus tryoni, in **field cages.** 071006
High returns from **field channels** in irrigated 062578
Automated **field choppers,** savings through s- 071612
DLG testing of corn **field choppers.** 071641
shaped plane surface under **field conditions.** 067625
Effect of preceding crops & **field conditions** 068023
of cabbage root fly under **field conditions.** [070418
fertilization model under **field conditions,** I 072027
of pests & diseases & **consequent field** losses 069346
maidis (Homoptera: Aphididae), on **field co-n** 070315
DLG testing of **corn field** choppers. 071641
Tillage of **corn fields** for winter wheat plant- 072316
Complex action of Nerosine in **cotton fields.** 072311
Effectiveness of irrigated **field crop** culture 062529
1971 texas **field crop** statistics. 062806
feed value of coarse feeds from **crop fields.** 064679
Productivity of **field crop** rotations in forest 068867
in mechanization of ploughing in **field crop** 071595
soils of Stavropol' Region in **field crop** rotat- 072329
fulfillment of field operations. [**Field crops**] 062333
poisoning by nitrates & nitrites. [**Field crops**] 066065
of forest shelterbelts. [**Field crops,** yields]. 066108
German Democratic Republic. [**Field crops**] 067179
in growth bioassays. [**Field crops**]. 068011
problems of seed production. [**Field crops**]. 068791
summary for 1971 & 1972. [**Field crops**]. 068793
New crops for Ohio. [**Field crops**]. 068795
control 1973 recommendations: **field crops.** 069836
Disease & nematode control in **field crops.** 069837
Highly effective measures. [**field crops,** yiel- 069928
field evaluation trials on **field crops,** 1972. 069941
Chemical weed control in **field crops.** 070167
technology of culture of several **field crops** 070204
Insect control on **field crops.** 070362
of insect & mite pests in **field crops** coopera- 070408
Control of insect & mite pests of **field crops** 070409
On role of **field crops** in biological turnover 071838
non-replaceable culture of various **fields cro-s.** 071948
Weeds in **cultivated fields** in Sweden. 070214
flow-recording system for **field drainage** mon- 072422
Yield tests of **dry field** beans, 1972. [Kidney 068645
crosses with douglas fir: **early field** results. 066319
of grasses for protection of **field-earthen-**str- 072279
Towards **efficient field** experimentation. [H- 071528
Effects of micro-**electromagnetic fields** on pl- 068291
frequency of **electromagnetic fields** within r- 071063
capacity of agricultural **field equipment.** 071618
Herbicide **field evaluation** trials on field cro- 069941
Field experience of granular tri-allate for c- 070063
in Hungary in **field** of **experimental** mutatio- 067172
to blocking for **field experimentation.** 066584
Towards efficient **field experimentation.** [H- 071528
On pattern of laying out **field experiments** 068804
Conduct of **field experiments** at weed resear- 070098
associated with herbicide **field experiments** 070100
demonstrated by **field experiments.** 070837
on Mechanisation of **Field Experiments.** 071529
Results of **field experiments,** carried out by 072183
Field extension trials & a farmer usage surv- 070061
Analytical problems in **field** of **fats** & oils. 063433
barley seeds on their **field germination** & m- 067371
Control of Agropyron repens in **grain fields.** 070121
Control of potato blight on **field grown** tom- 069450
Weed control of **field grown** crops in ornam- 070013
Herbicide field evaluation trials on field cro- 069941
Problems associated with **herbicide field** ex- 070100
organization & work with **field index** in Co- 062350
high-yield stability in **industrialized field** ve- 072031
Effectiveness of **irrigated field** crop culture 062529
developing countries in **field** of **irrigation.** [a- 072473
determination of eroded volumes at **field lev-l.** 072263
of pests & diseases & consequent **field losses** 069346
improved varieties of garden pea **nd field** pea 068880
of fulfillment of **field operations.** [Field crops 062333
Some observations on a **field outbreak** of an- 065596
of fertilizer nitorgen applied to **paddy field** 067954
dressing of nitrogen in Bangkhen **paddy field.** 068156
yield of rice plant in ill-drained **paddy field** 068174
Fallen in non-cropping **paddy fields.** 070332
allied species collected from **paddy fields** in 070333
dressing of nitrogen in Bangkhen **paddy field.** 072191
yield of rice plant in ill-drained **paddy field** 072461
of fertilizer nitrogen applied to **paddy field** 067953
improved lines of garden pea & **field pea** fr- 068879
varieties of garden pea nd **field pea** at sum- 068880
new improved lines of garden an **field pea** at 068881
Variation in protein content of **field peas.** 068300
relation to growth & quality of **field peas.** 068301
estimates of seed vigor & **field performance** 067931
photosynthesis & **field performance.** 067960
of Arthropoda in alfalfa **field plant** associati- 070359
to be used in **field** without **refrigeration.** I. 065621
wasp, studied in view of **field releasing.** 070254
Inheritance of **field resistance** to rusts & gl- 067268
plants as sources of **field resistance** to Phyt- 069312
Inheritance of **field resistance** to rusts & gl- 069345
Field resistance to root-knot nematode in m- 069816
crosses with douglas fir: early **field results.** 066319
Weed community in fallow **rice field** & its s- 070109
expulsion & ground water in **rice field** of Ti- 072469
speed of travel of vehicles on **field roads.** 071635
method of combining photo & **field samples** 066196
of municipal refuse compost: i--**field-scale** c- 072014
technology of culture of **several field** crops 070204
Results of **field studies** on control of bean a- 070381
of materials collected in **field** to **study** arbov- 070632
Weed control in **sugarbeet fields** in north I- 070134
phosphide on rat control in **sugarcane field** 069908
XIV. Description of two **field techniques** for 065619
Field tests of salt recovery system for spent 063956
Field tests of chemicals for control of tobac- 070403
1971 **texas field** crop statistics. 062806
Filtration fabrics in **field** of **thick** juice & li- 063868
of science & practice in **field** of **tillage** & we- 070206
on use of Borgal-Hoechst in **field treatment.** 065573
Results of **field trials** of capillary agglutinat- 065883
Field trials with Canadian Wonder beans in 068971
Results of **field trials** in United Kingdom us- 069968
Field trials with 2-(4-chloro-6-ethylamino -S- 070051
with non-replaceable culture of **various fields** 071948
to industrialised methods in **field vegetable** 062347
of industrialised methods in **field vegetable** 068985
yield factors essential to **field vegetable** pro- 068986
for industrialised patterns of **field vegetable** 068988
stability in industrialized **field vegetable** pr- 072031
Two newcomers to our **wheat fields:** Kasteel 068662
Post-planting cultivation aids old **field white** 066390

FILAMENTS
larvae on Oedegonium **algal filaments** in Gh- 070939
with chlorthal-methyl. [**Veronica filiformis**]. 069948

FILARIA
in hosts infected with **Dictyocaulus filaria.** 065544

FILLERS
plasticized birchwood modified by **fillers.** 066473
characters of Virginia, wrapper, **cigar-filler** 069213

FILLETS
SEE FISH

FILLIES
SEE HORSES

FILMS
substances of wine during aging under **film.** 064024
Testing of Cheesoflex **laminating film.** [Pac- 063489
Use of **film mulch** in fruiting vineyards. 072302
Use of **pliable films** for packaging of fruits: 063916
Effect of water-**soluble film** on insecticidal a- 070264
with ammonia water through **synthetic film.** 067870
methods of separating **thermoplastic films** f- 066553

FILTERS
of different millipore **filter kinds** utility for 065283
as determined by use of rinse **filter method** 063128

FILTRATES
A cellulase complex in **culture filtrates** of R- 069261

FILTRATION
Filtration fabrics in field of thick juice & li- 063868
Ultrafiltration of **Trichoderma** viride cellula- 067662

FINANCE
expenditures in agriculture. [**Finances**]. 062515
Possible ways ot **finance agricultural** cooper- 062473
Harmonizing of **agricultural fiscal** policy in 062553
of basic funds. [**Agricultural finances,** collect- 062579
Studies on **agricultural finance** under new e- 062581
Financing of **barns.** 062533
Gemco system of **beef financing.** 062566
Financing coffee growing. [Brazil]. 062562

Pollution **control financing** in United Kingd- 072618
Frequency of **financial information** & its pri- 062489
facilities & their **financial problems.** 066207
Planning **production funds** for replacement 062471
Financial results of Scottish farming 1971-7 062574

FINES
chemical studies on **fine** & **coarse** wool. 1. F- 063612
chemical studies on **fine** & **coarse** wool. Ii. 063613
of transposition from medium to **fine French** 065208
by aerial application of **fine insecticidal** gra- 070470
Effect of methods of drying on **fine structure** 063693
Fine structure in blood cells of Japanese qu- 064463
Fine structure of eosinophilis in domestic d- 064572
Fine structure of Sarcocystis fusiformis from 065648
Fine structure of seven unitunicate pyrenom- 066951
Development & **fine structure** of ascus apex 067011
Fine structure of green & white leaves of P- 067022
Fine structure of chloroplast envelope of a r- 067032
Fine structure & function of ventral intestin- 071013
growth & main properties of **fine wool.** 064577

FINISHES
grain sorghum rations for **finishing beef** catt- 064851
implants on performance of **finishing cattle.** 064417
on protein needs of growing-**finishing cattle** 064739
Chemical finishing of cotton yarns for impr- 063829
wood products with **finishes** & **determination** 066432
Effect exercised by **finish** of **easy** upkeep on 063652
diet on performance of **growing-finishing** pigs 064654
Drying & hardening of **finishes** with **infrared** 066431
High grain **ration finishing** can cause digest- 065922
supplemental nitrogen in **finishing rations.** 064742
Flame & wrinkle **resistant finish** for apparel 063196
sources for **finishing ruminants** fed high-con- 064740
A comparison of ten drylot **steer-finishing** s- 064824
influencing profit from **finishing suckled** cal- 062479
Starting & **finishing weight** in swine fatteni- 064650

FIORINIA
of systemic insecticides. [**Fiorinia theae**]. 070415

FIRE
strength-performance of walls exposed to **fire** 066547
used to apply bait in imported **fire ant** prog- 070238
Use of mirex in control of imported **fire ant.** 070258
Biochemical evolution in **fire ant** venoms. [070888
Maze learning & orientation in **fire ant** (So- 070903
component of Canadian forest **fire behavior** 066081
fire weather data for National **Fire-Danger** 066145
Forest fire of windfall trees. 066095
Greenhouse fires. 071437
Predicting fire spread in Arizona's oak chap- 066146
Preliminary investiations on **fire resistance** 066460
Fire resistance of wood. 066470
for evaluating durability of **fire-retardant** tr- 066552
Fire & **smoke** in Montana forests. 066104

FIREBRATS
Silverfish & **firebrats,** how to **control** them. 070589

FIRS
On Problem of cultivation & regression of **fir.** 066357
Yolk deposition in Douglas-**fir beetle** oocytes 070921
Economics of growing Fraser **fir christmas** t- 066262
of graft compatibility in **Douglas-fir.** [Pseud- 066318
Interracial crosses with **douglas fir:** early fie- 066319
Cone production of **douglas-fir** & grand fir & 068524
in auxin effect on rooting of **Douglas-fir** stem 068576
of pollen-tube elongation in **douglas-fir.** [Ps- 068584
Secondary pests of **Douglas-fir** & white pine 070556
predicting defoliation on **Douglas-fir** in east- 070563
influencing ion transport in a **Douglas-fir** fo- 071807
Investigations on silver **fir gall** midge, Agevi- 070565
Fungus associations in root rots of **grand fir.** 069524
in production of red & white **fir plywood.** [066546
on hardiness changes of **Saghalien fir** seedli- 068549
on gas exchange in young **firs, Swiss** pines, 066402
Fir trees in Roznov Forest District. 066129

FISCAL
SEE FINANCE

FISH
Peru: First producer & exporter of **fish.** 062684
with protein in presence of water. [**Fish**]. 063454
upon routine metabolism of **common carp** (070680
on oxygen consumption of **estuarine fishes.** 070732
to cold in oysters, **fish fillets** & crabmeat. 063121
of appreciation of quality of **fish** & **fish** pro- 063026
to cold in oysters, **fish fillets** & crabmeat. 063121
parasite, Phanerotoma **flavitestacea Fish.** (070846
Fish as food. [Contamination]. 063115
Fish marketing systems & their development 062790
Fish meal. 063375
Trace metal contents of **fish meal** & of lipid 064068
binding endogenous water in **fish muscular** t- 063429
Testing **Norsamin fish** protein concentrate as 064764
Investigations on **fish oils.** V. Phospholipid 063409
of tocopherol concentration in some **fish oils** 063475
Loss of biological value of some **fish oils** dur- 063476
parahaemolyticus to cold in **oysters, fish** fill- 063121
carp (Cyprinus carpio L.) & **Prissian carp** (070680
in manufacturing semi-**processed fish.** 063328
of a disc knife for **fish processing.** 063428
of quality of fish & **fish products:** Guarantees 063026
Biologic adequacy of **fish protein** concentrate 063265
Testing Norsamin **fish protein** concentrate as 064764
toxicity, & metabolic rate in **rainbow trout** 070682
spoilage bacteria of chilled **sea fish.** III. Dif- 063081
cholesterol content of "Szeged **fish soup**"--a 063241
of fatty acids in some **fish** during **storage.** 063466
cholesterol content of "**Szeged fish** soup"--a 063241

FISHERIES
protection for agriculture, forests & **fisheries** 072593
of secondary amines. [**Fishery products**]. 063349

FISHMEAL
supplemented with dried **lucerne, fishmeal** or 064651

FISTULA
Establishment of a duodenal **bridge fistula** in 065227
Laryngeal fistula in cattle. 066036
Canine urethro-**rectal fistulae.** [Dogs]. 065936

FIXATION
Ammonia fixation of THPOH [tetrakishydr- 063843
Fixation of **atomspheric** nitrogen in Alnus g- 068513
direct & indirect **complement-fixation** tests 065445
A direct **complement fixation** test for infect- 065721
Effect of certain internal **fixation devices** on 065220
Carbon & **nitrogen fixation** in rhizomatous 067737
of shading on nodulation & **nitrogen fixation** 067942
Plate fixation of comminuted femoral shaft 065221
CO2 [Carbon dionide] **fixation products** in 068097
factors of host plants on **symbiotic fixation** 067345

FLACOURTIACEAE
of genus Dasylepis Oliv. (**Flacourtiaceae**). 066637

FLAGELLATE
Flagella of **Cyanophora** paradoxa Korsch. 066994
Synergistic role of **intestinal flagellates** & n- 065539
Development of **flagellate** in **mosquito.** 070616

FLAMES
hydroxymethyl)phosphine]-**amide flame** reta- 063195
hydroxide]-**amide flame** retardant to cotton 063841
in biological material by **flameless atomic** a- 066034
livestock quarters by **flame** from a **gas** burn- 065346
Enchancement of **natural flame** resistance of 063821
hardness, & detergents on **flame retardant.** 063197
Elemental analysis of **flame-retardant** cotton 063836
an experimental approach to **flame-retardant** 063838
hydroxide]-**flame retardant** in a continuous 063843
in phosphorus-based **flame retardants.** [Fabr- 063840
Flame & **wrinkle** resistant finish for apparel 063196

FLAMMABILITY
SEE INFLAMMABILITY

FLAVONOIDS
of sephadex in analysis of some **flavonoids.** 067494
Catalytic acetylation of **flavonoids.** 067495
Distribution of **flavonoids** in **certain** families 067819
concentration], anthocyanin, & **flavonoid co** 068244
Flavonoids of **Lespedeza** bicolor. 067515

FLAVONOLS
Primflaside: a new **flavonol glycoside** from 067514
biosynthesis of catechins & **flavonols** in **tea.** 067840

FLAVOR
Delta-lactones in **flavouring.** [Food]. 063350
to heat-induced bitter off-**flavor** in **avocado.** 063961
identification of volatile **flavor compounds** in 063620
Spray-**dried flavours.** 063082
Inhibition of warmed-**over flavor** in cooked 063621
Flavor preferences of supermarket customers 062617
Flavor quality of various grain flours & oils- 063127
Flavor thresholds for fatty acids in buffered 063392

FLAX
effectiveness of mineral fertilizers on **flax.** [062522
of primary testile materials. [**Flax**]. 063729
of different selection procedures in **flax.** 067136
seed & oil yield & their components in **flax** 068656
of wild oats (Avena fatua) in **flax.** 070163
doses of lime on yield & quality of **flax.** 072152
yl)thiourea as root growth inhibitors. [**flax**] 068092
Fr. f. lini (Bolley) Snyder & Hansen. [**Flax**] 069348
of seeds of various suflower & **flax cultivars** 068178
physico-mechanical properties of **fiber-flax** f- 068066
Chemical weed control in **fiber flax.** 070118
various technologies for harvesting **fiber flax** 071678
peat-manure mixture directly to **fiber flax.** 072217
Culture of **oleaginous flax.** 068808
Textile or **oleaginous flax.** [Weed control]. 070187
apparatus of **flax** under **ontogenesis** at differ- 068074
A **flax production** systems analysis. 068774
Flax & **rapeseed,** 1972. 063721
Comparative tests of **flax varieties:** results of 068672
lini (Bolley) Snyder & Hansen. [**Wilt, flax**] 069350

FLAXSEED
Flaxseed--a dietetic feed for calves. 064801

FLEAS
On ultrastructure of midgut epithelia of **fleas** 071016
Tobacco **flea beetle** overwintering & spring 070357
active on imagos of large **flea beetles** (Psyll- 068043
Flea beetles--troublemaker for seedling suga- 070396

FLEECE
of salmonellas on hides & **fleeces** of **cattle** & 063042
on fine & coarse wool. 1. **Fleece components** 063612

FLEXIBILITY
N,N-dimethyl urea) a new **flexible broad** sp- 070004
On development of **flexible PVC** drainpipes 071640
powder in preparation of **flexible, rigid** & e- 066523

FLEXURE
Modern flex-packs demand: bacterial & inse- 063093

FLIES
of ripening in case of composting of **fly ash** 072186
of fly-ashes. II. Influence of **fly-ashes** on c- 071747
analogues on adult emergence of **black flies** 070602
Migration of **black fly** larvae (Simuliidae) d- 070948
Night activity of **black flies** (Diptera, Simuli- 070986
study of three species of **black-flies** of genus 071352
Discovery of **bot fly** collection of Bracy Cla- 070904
distribution of infestations of wheat **bulb fly** 070322
Biology of Pollenia rudis, **cluster fly** (Dipte- 070789
Discovery of bot **fly collection** of Bracy Cla- 070904
Fly control on livestock: dairy, beef, swine, 070592
Fly control on livestock: dairy, beef, swine, 070593
Egg characteristics & body size in **crane-flies** 070814
of larvae of olive fruit **fly, Dacus** oleae (Dip- 070432
of females of Queensland fruit **fly, Dacus** tr- 070925
survival of Queensland fruit **fly, Dacus** tryoni 071006
records of Norwegian syrphid **flies Diptera,** 071273
Parasites of **face fly,** Musca autumnalis (Di- 070782
activity of neurosecretory cells in **flesh-fly** 070852
Trapping codling moth & apple **fruit fly.** 070275
of development of larvae of olive **fruit fly,** 070432
Fruit fly world's worst pest of fruit. [Strum- 070511
response of females of Queensland **fruit fly,** 070925
survival of Queensland **fruit fly,** Dacus tryoni 071006
geographical distribution of **gad flies** (Dipte- 071366
flight muscle in adult tsetse **flies, Glossina** 070920
water excretion by tsetse **fly, Glossina** mors- 070922
Ration fed to cows affects **horn flies.**[Haem- 064707
analysis of dispersal in a **horse-fly,** Tabanus 071007
N-dimethylamidophosphate on **house fly.** [070621
phases of resistant strain of **house flies,** Mu- 070628
isolated from SKA strain of **house flies.** [M- 070636
control of sorghum shoot **flies, Hyderabad** (070305
a parasite of cabbage root **fly Hylemya** bras- 070520
Migration of black **fly larvae** (Simuliidae) d- 070948
A study on ecology of **melon fly.** [Dacus cu- 070428
of resistant strain of house **flies, Musca** do- 070628
Parasites of face **fly, Musca** autumnalis (Di- 070782
Note on use of **flies** for **onion** pollination un- 068490
Cajanus cajan Linn.) due to tur **pod fly** (Me- 070347
Flies in **poultry** houses. 070637
Larvae & pupae of **robber flies** from genus 071109
Chemosterlization of cabbage **root fly** under 070418
Cynipidae), a parasite of cabbage **root fly** 070520
animal baits, a tsetse trap, & a **fly-round** pa- 070660
Control of carrot **rust fly** (Psila rosa F.) in 070446
neurosecretory cells in flesh-**fly Sarcophage** 070852
insecticides in control of bean **seed fly** Hyl- 070330
Symposium on control of sorghum **shoot flies,** 070305
New records of Norwegian **syrphid flies** Dip- 071273
analysis of dispersal in a horse-**fly, Tabanus** 071007
of flight muscle in adult **tsetse flies,** Glossina 070920
on feeding & water excretion by **tsetse fly,** 070922
Fruit **fly world's** worst pest of fruit. [Strum- 070511

FLIGHTS
about flight behaviour & **flight activity** of Si- 070767
Flight behaviour of cocoa-capsids (Hemipte- 070247
X-ray diffraction pattern of **insect flight** mu- 070805
on induction & cessation of **flight** in **locust** 070769
in coordination of some **metathoracic flight** 070901
myosins per cross-bridge? i. **Flight muscle** 070803
myosins per cross-bridge? iI. **Flight muscle** 070804
contractile components of **flight muscle** in a- 070920
Flight period & brood emergence in Trypod- 070860
changes in organs of **flight** & **reproduction** in 070833
Effects of corpora cardiaca on **tethered flight** 070900
Flights of **western** thatching ant Formica ob- 070872
Neurophysiology of **flight** in **wild-type** & a 070973

FLOCKS
duration & effect on **flock fertility** of initial 064950
Raising of Mycoplasma **free flock** by dipping 065494
lethal orpan virus in Irish **poultry flocks.** 065520
improvement in some **flocks** in **southern** Olt- 065146

FLOODPLAINS
meadow development of **floodplains.** 068862
of agriculture in Volga-**Akhtuba floodplain.** 062929

focus of tularemia on **floodplain** of **central** I- 070653
On **improving floodplain** meadows in weaste- 068861
Minerological content of **floodplain soils** of 071837

FLOODS
problems relative to knowledge of **floods.** 072443
Factors **affecting floods** from watersheds in 072475
Effects of **flooding** & **drainage** & their alter- 068058
Effects of **flooding** an **ecotypes** of Eucalyptus 068588
duration series methods of **flood frequency** p- 072428
of irrigation of pastures on **flood lands** of R- 072386
of cultured pastures on **flood-lands** in Ukrai- 072388
Flood rains & erosion in Bega Valley -1971 072291
systems of irrigation by **surface flooding** in 072412

FLOORS
Brick & **ceramic floors** of swine fattening q- 071497
from partitioned forest **floor components.** 067559
How to lay a **floor** in **greenhoyse** & of what 071446
cattle in stables with fully **slate floors.** 064154
lambs & yearlings on a **slotted floor.** 064238
of breeding animals on **unlittered floors.** 065335

FLORA
North America, Japan & Himalayas. [**Flora**] 066710
Blue-green **algal flora** of Ragasthan. 066764
disappearing species of **flora** of **Apsheron** P- 066689
Bacterial flora of mosquito larvae & its ent- 070631
Bacterial flora of healthy individuals of Agr- 070963
Origin of endemics in **California flora.** 066695
Endemism in **flora** of **Canary** Islands. 066693
pylaesii Brid. in **Carpathian flora.** 066641
New data **concerning flora** of Cuba. 066642
Contribution to study of **flora** of **Corsica.** IV 066659
Relict element of **flora** of **Crete** & its evolut- 066694
with examples from **Czechoslovak flora.** [Pl- 066895
Features of **diatomaceous flora** of modern la- 066748
Te Anau, fiorland. 2. lake **edge flora--habita-** 066880
Fungal flora & rate of decomposition of leaf 071760
to investigation of **flora** of **fungi** on Pinus he- 066909
rare species of algae for **flora** of **Georgia.** 066811
Ground flora & its control under rubber in 070189
Anau, fiorland. 2. lake edge **flora--habitats** 066880
hybridization in evolution of **Hawaiian flora** 066697
Flora helps beauty. [Essential oils]. 063403
Lolium perenne L., Lolium **multiflorum Lam** 067064
vulgaris L. & Phaseolus **multiflorus Lam.** to 069736
multiflorum Lam., **Lolium multiflorum** Lam. 067064
enriching methods. [**Lolium multiflorum**]. 067900
experiments with **Lolium multiflorum.** 068065
atmospheric pollution. [**Lolium multiflorum,** 069913
Italian ryegrass. [**Lolium multiflorum**]. 070094
of Lolium perenne L., **Lolium multiflorum** L- 067064
Endemism in **montane floras** of Europe. 066696
New plants in **flora** of **Oltenia.** 066815
Some new or rare plants for **flora** of **Oltenia** 066816
vulgaris L. & **Phaseolus multiflorus** Lam. to 069736
characteristics of **flora representatives** of Le- 066819
of woody Angiospermae of **Sarmat flora** of 066683
in species of Salvia L. in **flora** of **Soviet** Un- 067812
Specific flora of environment of Liubytino s- 066818
Connections between cool **temperate floras,** 066692
on two names in an early **Utah flora.** [Erys- 066680
On **flora & vegetation** of Schadput district of 066820
New data on **flora** of **Vladimir** Region. 066745
Euphorbia species from **flora Zambesiaca** ar- 066720

FLORIBUNDA
SEE ROSES

FLORICULTURE
endemic plants of Azerbaijan in **floriculture** 069059
Nursery & **floriculture industries** in 1985. 062961
Michigan **floriculture industry**--now & in 19 062963

FLORISTS
Phyllody of **florists' Hydrangea** caused by h- 069687

FLOTATION
Studies on **floating rice.** IV. Effects of raisi- 067946

FLOUR
standards) of wheat & rye grain. [**Flour**]. 063156
vapona for control of red **flour beetle,** Tribol- 070374
of wheat related to **cleaningand flour** mill-fl- 063855
Effectiveness of using **conifer flour** in feeding 064888
bonds on quality of **flour** from **different** vari- 063691
method to study of wheat **flour doughs.** 063764
Flavor quality of various **grain flours** & oils- 063127
of nitrogen fertilization on **grain, flour** & br- 068689
Lime flour with poor dusting qualities & ec- 062538
levels in Opaque 2 & **Floury** 2 **maize** hybrids 067879
Study of pesticide residues in **flour mill** lab- 063091
granules derived from **flours** & **parent** wheats 063709
water absorption capacity of **flours** in view of 063784
Glutenin-- strength protein of **wheat flour.** 063707
on mechanical development of **wheat flour** d- 063759

FLOW
Automated flow-recording system for field d- 072422
Intramural **blood flow** & blood volume in s- 064254
Mammary **blood flow** & changes in circulati- 064379
irradiation of middle **flow** on **blood** picture of 066027
A **continuous flow** method for studying adso- 070679
to cleaningand flour mill-**flow diagram.** III. 063855
Energy flow in a woodland stream ecosystem 070768
tracer determination of **flow rates** & patterns 072606
Resistance to **water flow** in Vigna sinensis L 068314
for evaluation of vertical **water flow** at grea- 071808
control. 4. hydraulic studies of **water flow** in 072295

FLOWERING
latiflorus Munro during **flowering.** [Bamboo 067848
Damage from frost during **flowering** on **apple** 069799
vegetative growth & **flowering** in **Astragalus** 067970
peaches, apricots, plums, **cherries, flowering** 069916
temperature on **flowering** of six **cultivars** of 068240
of biology of **flowering** & **fruiting** of sterile 068410
Studies on **flowering mechanism** in Lemna. I 067757
Studies on **flowering mechanism** in Lemna. 067758
on irrigation methods of **flowering plants** gr- 069038
to narcissus & tulip pre & **post-flowering.** 069975
during growth & **flowering** on **seed** set of tet- 067564
Winter-**flowering shrubs:** Hamamelis species 068474
Genetics of **flowering time** in Raphanus sati- 067324

FLOWERS
Ultraviolet patterns on rear of **flowers:** basis 068407
Floral allurements for pollinating insects. 067825
Floral anatomy of Myrtaceae. 1. Syzygium. 066949
Floral apparatus of Sarcolaenaceae & notion 066964
types & metals in **blue flowers** & fruits. 067679
Flower bud dormancy in Coffea arabica L. I 067669
Critical temperatures for **flower buds.** [Appl- 068350
temperature on development of **flower buds** 068368
Low temperature injury to peach **flower buds** 069793
Control of smaller green **flower chafer,** Oxy- 070470
development of **Chrysanthemum flowers** und- 069038
Pollen collection from **coconut flowers** by m- 067126
by bees for different **flower colours** in cowp- 068321
Number & **floristic composition** of algae in 071729
Floristic connections between southeast Eng- 066707
Studies on factors **controlling flower** format- 068396
Flowers by **design.** [Varieties]. 069102
Floral development of Potamogeton densus. 066958
on vegetative or **floral development** of cotyl- 067478
preference by bees for **different flower** colou- 068321
Causes of **blossom-end** rot of tomates based 069767
Female flower induction on androecious cuc- 068248
on factors controlling **flower formation** in e- 068396
Control of smaller **green flower** chafer, Oxy- 070470
Hermaphrodite flowers in Euphorbiaceae: C- 066970
anatomy of node & **flower** of **Hoppea** dichot- 066938
Amino acid changes during **flower induction** 067757
Female **flower induction** on androecious cuc- 068248
in Perilla [crispa] & **flower inhibition** caused 068452
photoperiod on **floral initiation** & leaf numb- 067967
Floral initiation & development in Punica g- 068306
control to reduce **blossom malformation.** 070429
Cool storage of **Narcissus flowers** in fibre-b- 063895
Chemical examination of **flower oil** of Agera- 063346
Problems in exporting **ornamental flowers.** 062728
Boron levels in stems, leaves, & **flower parts** 068367
Low temperature injury to **peach flower** buds 069793
deciduous trees, shrubs, **perennial flowers.** 069918
for budmite control to **reduce blossom** malfo- 070429
co-pigments on color of **statice flowers.** [Li- 068244
Floral stimulus movement in Perilla [crispa 068452
Blossom symptoms associated with three vi- 069690
for treating roots & **flowers** of **tomatoes.** 068403
Teratological stamens in **flowers** of **Triticale** 066962
on anthocyanins in **flowers** of **Veronica** pers- 067680
California's desert **wild flowers.** 066675

FLUCTUATION
cladoceran populations: **fluctuating intensity** 070815
An analysis of factors on **price fluctuation** in 066441
Errors & **fluctuations** of **raingauge** estimates 072427
Respiratory fluctuations in durations of pha- 064276
Seasonal fluctuation of aphid population in 069679
Fluctuations in **virulence** of Verticillium wilt 069403

FLUES
Probable location of **flue-cured** production u- 062402
disease resistant variety of **flue-cured** tobac- 069893

FLUIDS
sugar from beets in a **fluidized bed** in conti- 063800
coconut flowers by means of a **fluid-bed** dry- 067126
That **fluid called** milk. 063523
on blood & synovial **fluid composition** of ho- 065968
Sanitary conditions in twelve **fluid milk** pro- 063128
influence on phosphorus in **rumen fluid.** 064476
Phosphatase activity in **seminal fluid** of heal- 065209

FLUKES
hepatica miracidia. [Cattle, **liver fluke**]. 065593

FLUOMETURON
by subtoxic levels of **bromacil, fluometuron,** 067917

FLUORESCENCE
Pseudomonas syringae, P. **Fluorescens**]. 069472
Fluorescent antibodies in detection of pulor- 065888
cell culture by indirect **fluorescent antibody** 065374
test & soluble antigen **fluorescent antibody** 065391
Application of indirect **fluorescent antibody** 065882
Relationship of slow **fluorescence changes** w- 067448
Kinetics of **fluorescence** of **chlorophyll** in pi- 067455
on **chlorophyll fluorescence** yield & chlorop- 067770
as indicated by **chlorophyll fluorescence** & 068267
Fluorescence excitation spectra of natural & 071714
iodine quartz **fluorescent microscopy** in Dic- 067016
Aurovertin, a **fluorescent probe** of conformat- 064423
Fluorescent products in a glucose-glycine br- 063390
Photographing **secondary fluorescence** of po- 069250
Application of **fluorescent test** to indirect a- 064455
oxygen evolution & **fluorescence transients** in 067444

FLUORIDES
Fluoride in **black** tea. 063320

FLUORINE
method of determining **fluorine compounds** 069913
Determination of **fluorine** in **food** rations & 063450
with different amounts of **fluorine** in **rations** 064749

FLUOROMETRY
Fluorometric determination of vitamin A in 063249

FOALS
SEE HORSES

FODDER
Mycoflora of **fodder** in some **Aimaks** of Mo- 066073
Stable **fodder basis** for industrial livestock p- 068741
of water soluble proteins of **fodder bean** see- 068075
for weed control in sugar & **fodder beets.** 069957
Weed control in **fodder brassicas** & vegetabl- 070049
demand-oriented supply of **coarse fodder** & 064676
in mixed fodder & mixed **fodder components** 064081
field pea from viewpoint of **fodder crop.** 068879
Study of some **fodder features** of Symphytum 068853
insufficiency in **fodder** on **functioning** of kid- 064508
of dry matter content of **green fodder** & ensi- 064861
herbicides on productivity of **fodder maize** w- 070224
acid as conservation agent of **mixed fodder.** 064076
of raw fat in mixed fodder & **mixed fodder** 064081
Fodder-most urgent demand. [Cattle, sheep] 064675
growing some annual & **perennial fodder** pl- 071952
Cost price of **fodder plant** seed. 062486
some annual & perennial **fodder plants.** 071952
of socialist emulation in **fodder production** 062881
Fodder production & demand-oriented supply 064676
Stable **fodder production** due to growing gre- 068671
a powerful reserve of **fodder production.** 072384
Stable fodder production due to growing gre- 068671
Stable fodder basis for industrial livestock p- 068741
More **fodder** with **urea.** 072050

FOG
Fog & fan method for greenhouse cooling. 071469

FOILS
Peppers flourish on **foil.** 068944
in glasshouses & under **plastic foil.** 062354
Modern **plastic foils** for packaging based on 063363

FOLDING
of sheep relative to type of **skin folding** & g- 064529

FOLIAGE
of strawberry to a range of **foliage acting** he- 070087
incinerators by means of **foliar analyses** for 066157
K[potassium], concentrations in **apple foliage** 070423
study of soil versus **foliar application** of am- 068044
A note on **foliar application** of urea to jowar 072091
study of soil versus **foliar application** of am- 072102
Some increases in efficacy of **foliage applied** 069984
Factors affecting efficacy of **foliage-applied** 070015
Effects of different **foliar-applied** nitrogen fe- 070534
orchards (1967--1969). [**Foliar diagnosis**]. 072010
Plant Analysis Laboratory. [**Foliar diagnosis**] 072166
Effects of **different foliar**-applied nitrogen fe- 070534
Foliage diseases of alfalfa in northern Saska- 069283
epidemiological studies of **foliar diseases.** 069876
hay increased by control of **foliar diseases.** 069879
alba L.) cotyledonaries & **foliar epiderms:** U- 066927
screening to remove bark & **foliage** in **field.** 066507
on sugarcane in Punjab. 1. **Foliar injury** & 069823
Swaine jack-pine sawfly, & **foliar nitrogen** c- 070533
Common diseases of tropical **foliage plants.** 069791
Foliar sensitivity of soybeans to ozone as re- 069779
Effect of **soil, foliar** & time of application of 072024
of irradiance & **foliage structure.** 067753
concentrations in apple **foliage throughout** s- 070423
Common diseases of **tropical foliage** plants. 069791
Foliar venation & laticifers in Jatropha gos- 066934
A comparative study of soil **versus foliar** ap- 068044

FOLLICLES
Follicular cavities in adenohypophysis of ra- 064306
of using skin **follicle characteristics** in impr- 064562
Mid-**cycle-follicle** in bovine. 064502
of RNA synthesis in **follicular epithelium.** [070921
on a radioimmunoassay for **ovine follicle** st- 064309

Release of FSH [**follicle-stimulating** hormo- 064350

FOMES
of volatile metabolites by species of **Fomes.** 067460
of Picea root wood by **Fomes annosus.** 069313
Spread of **Fomes annosus** reduced by heavy 069319
herbicides on invasion by **Fomes annosus** in 069511
for controlling root rot. [**Fomes annosus**]. 069576
of basidiospores of **Fomes applanatus.** [hear- 066519

FOOD
Packaging & Labeling Act] today? [**Food**]. 062913
Labeling Act]--expectation & reality. [**Food**] 062915
Labeling Act], what next? [**Food**]. 062916
update on product safety legislation. [**Food**] 062917
samples after recovery from injury. [**Food**]. 063034
problems in identifying mycotoxins. [**Food** (063035
agriculture & scientific research. [**Food**]. 063050
Microbial antagonism in **foods.** 063056
Cyclamate determination in **food.** 063061
of start of qualitative changes in **food.** 063066
Labeling Act]--expectation & reality. [**Food**] 063107
Labeling Act], what next? [**Food**]. 063109
update on product safety legislation. [**Food**] 063110
Packaging & Labeling Act] today? [**Food**]. 063111
Fish as **food.** [Contamination]. 063115
inhibitor substance) content of **food.** 063134
problems of pesticide residues. [**Food**]. 063162
Nitrite & nitrosamine content of **foods:** unso- 063172
Allowable & forbidden preservatives in **foods** 063183
for growth inhibition of moulds in **foods.** 063214
Protein quality of feed & **food.** 063232
determination of vitamin A in **foods.** 063249
of Polish Science, & science of **food.** 063269
Irradiation of **food.** I. 063291
in relation to heat sterilization of **food.** 063327
of start of qualitative changes in **food.** 063330
Studies on secondary amines in **foods.** I. M- 063349
Delta-lactones in flavouring. [**Food**]. 063350
Thiamine. V. Occurrence in **foods.** [Thiamine 063368
reactions involved in deep fat frying of **foods** 063384
from thermally degraded thiamine. [**Food**]. 063387
alphas-casein by immobilized trypsin. [**Food** 063389
a glucose-glycine browning reaction. [**Food**] 063390
of viscosity. I. Non-oral methods. [**Food**]. 063397
of viscosity. II. Oral methods. [**Food**]. 063398
during cooking, processing & storage of **food** 063411
of Polish Science, & science of **food.** 063431
method using alkaline hydrolysis. [**Food**]. 063437
Color of **foods.** 063452
Coloring matters of **food.** 063453
unsaturated fatty acid methyl esters. [**Food**] 063469
unsaturated fatty acid methyl esters. [**Food**] 063470
Metal catalyzed lipid oxidation. [**Food**]. 063471
of lipids against autoxidation. [**Food**]. 063472
thermodynamics of fats autoxidation. [**Food**] 063473
of autoxidized phospholipids. [**Food**]. 063477
Protein quality of feed & **food.** 064050
problems of pesticide residues. [**Food**]. 070726
Curculionidae). IV. Rate of passage of **food.** 071092
FPLA. [Fair Packaging & Labeling **Act, food**] 062912
First world **agro-food** firms. 062310
ten years of multilateral **food aid** for develo- 062934
on hygien ic condition of **foods** of **animal** or- 063039
Pesticide residues in **food** of **animal** origin in 063065
of medicine residues in **foods** of **animal** orig- 063184
of inhibitor substances in **food** on **animal** or- 063582
Pesticide residues in **food** of **animal** origin in 070688
Pyralidae] as **food** for an **aphidiphagous** coc- 070849
Teaching Award sponsored by **Armour Food** 063648
methods. [Staphylococcus **aureus, Food**]. 063054
Vitamin E content of selected **baby foods.** 063248
Baking food in North America. 063735
Botulinum food poisoning. [Clostridium botu- 063052
to consumer loyalty for private **food brands** 062706
Alabama urban homemakers in **food-buying** 062615
Low **calory food**--a theme of today. 063221
Production of **canned food** in Japan. 062822
piceum, a common **food cantaminant.** 063058
relating to **food** with **carbohydrate** content. 063094
Selenium in **food chain.** [Soils, plants, anim- 067546
of radioactive contamination in **food chain** (072584
study: Syneresis of Cold-Pack **Cheese Food** 063525
linoleic acid methyl ester. [**Food chemistry**] 063438
Marin Rouelle (1718--79. [**Food chemists**]. 063367
from Penicillim piceum, a **common food** can- 063058
Sorbitol in **food & condiments.** 063292
of some 2000 **foods** as they are **consumed** by 063238
Food consumption of households in North C- 062827
of data processing for **food-consumption** sur- 063271
upon live weight gains, **food consumption &** 064630
Food consumption by cabbage loopers infect- 070936
biphenyls. [**Food contamination**]. 063075
bovis. [Livestock, **food contamination**]. 063180
on Salmonella. [**Food, contamination**]. 063187
Sweden, 1966--1971. [**Food contamination,** 063198
mycotoxin problem. [**Food, contamination.** 063215
in man. [Feed, **food, contamination**]. 063218
bovis. [Livestock, **food contamination**]. 065642
Sweden, 1966--1971. [**Food contamination,** 072610
Antitrust implications of **contemporary food** 062699
for processing, packing, & **controlling food.** 063068
Effects of reheating **convenience foods.** [Nut- 063239
production by Agriculture & **Food Council** of 062881
Some **food customs** & beliefs--in South Afri- 063263
cats under food-satiation & **food-deprivation** 064248
of 5 different kinds of **food** on **development** 070576
Low calory & **dietetic food.** 063332
antiqua in dependence on **different food** pla- 070527
toward charge cards in **food distribution** ind- 062690
Food distribution in today's consumer clima- 062707
Walker county builds its **food distribution** p- 062885
management in wholesale **food distribution** 072557
FDA [**Food & Drug** Administration] launch- 063080
Sanitation & **Food & Drug** Administration. 063119
Main elements of **food economy** organization 062992
gains, food consumption & **food efficiency,** n- 064630
Three most essential **food elements** for a ma- 072205
Protein-fortified **extruded food** products. 063319
on technology & final produt. [**Edible fats**]. 063457
aflatoxin in animals & in man. [**Feed, food,** 063218
of some carcinogenic mytoxins. [**Food, feed**] 063219
aflatoxin in animals & in man. [**Feed, food,** 064103
of some carcinogenic mytoxins. [**Food, feed**] 064104
First world agro-**food firms.** 062310
in storage & distribution of **flesh foods** above 063351
Investigation & assay of **fried food.** 063343
problems of frozen meats & **frozen foods:** re- 062693
Can **frozen food** products be labeled as fresh 063027
to storage keeping quality of **frozen food.** 063352
Aspects of packaging **frozen food** & similar 063354
Storage temperature of deep **frozen foods.** 063361
helps supermarkets increase **frozen food** sal- 062758
pig starter meal upon live weight **gains, food** 064630
Application of **food gelatin** in yoghurt proce- 063503
Microbiology & **Food Group** Meeting. 063130
Health foods versus traditional foods: A co- 063252
Healthy soil--healthy vegetation--**healthy fo-d:** 072143
Home Food Preservation Section at Long A- 063264
increase use of U.S. **food** in **Hong** Kong. 062666
of cabbage rootfly with its **food & host** plan- 070499
of pesticides with reference to **food hygiene** 063076
products of animal origin in **food hygiene &** 063213
Disinfection of surfaces in **food hygiene.** 063353
products of animal origin in **food hygiene &** 066167
of pesticides with reference to **food hygiene** 070693
Food hygienic aspects with application of es- 063041
Means of creating a **food** base in **industrial** 063001
of enzymes in agricultural & **food industries** 063316
on raw materials in **food industries.** 063335
Storage situation in **food industries.** 063337
in fermentation & **food industries.** 063412
in agriculture & in **food industry** of German 062387
social welfare conditions in **food industry.** 062439
in individual branches of **food industry.** 062653
Entrepreneurship in **food industry,** 1972--20 062701
outlook for agriculture & **food industry** thro- 062843
detergents for application in **food industry.** 063043
control for management. [**Food industry**]. 063149
of anti-microbial regime in **food industry.** 063155
adsorption materials in **food industry.** 063344
in agriculture & in **food industry** of German 063377
on selecting a consultant. [**Food industry**]. 063386
from vocational schools in **food industry.** 063426
France's **institutional food** market-developm- 062774
Influence of **food intake** frequency on 26-14 063255
thermal analysis in **food investigations.** [Sau- 063333
of significance of **food irradiation.** 063448
Food legislation today. 062868
standardization laws & **food legislation.** 062869
difference does it make? [**Food legislation,** 063083
Diseases of **food legumes** caused by pea leaf 069623
Cysticercus bovis. [**Livestock, food** contami- 063180
France's institutional **food market**-developm- 062774
checkout--& update. [Retail **marketing, food** 062692
company trucks. [**Food marketing**]. 062696
logistics--inner city. [**Food, marketing**]. 062697
of turnover. [Retain **marketing, food**]. 062704
Drug Administration. [**Food marketing**]. 063119
employment: ten years of **multilateral food a-** 062934
Is ice cream a **natural food?** 063222
Bioaccumulation of endrin from **natural food** 070730
Some aspects of **food & nutrition** in Sierra 063281
India short of **edible oil,** grain. 062664
honeysuckle on Arkansas **Ozark food** plots. 066133
national program. [**Food, packaging,** labeling 062914
Polyamide plastics for **food packaging.** 063362
Food particles as a site for biohydrogenation 064315
Putting bite on pasta. [**Food pastes**]. 063133
High rate biofiltration system for **food pilot** 063334
in livestock diets of **foods** of **plant** origin w- 064721
Role of gustation & olfaction in **food plant** d- 070916
Heavy metals in **food plants** & forage plants 063067
in dependence on different **food plants.** [For- 070527
Heavy metals in **food plants** & forage plants 072511
honeysuckle on Arkansas Ozark **food plots.** 066133
Botulinum **food poisoning.** [Clostridium botu- 063052
Food poisoning attributed to controversial a- 063053
of Clostridium perfringens. [**Food poisoning**] 063125
toxin production by aureus. [**Food poisoning** 063167
Clostridium perfringens. [**Food poisoning**]. 063169
high yield & good quality of **food potatoes.** 068989
Production of **powdered foods** by azeotrop- 063336
Studies on **food preference** of Mylabris pust- 071097
Food preparation & attitudes. 063247
Swedish Institute for **Food Preservation** Re- 063191
Home **Food Preservation** Section at Long A- 063264
related to consumer loyalty for **private food** 062706
farming--a solution for India's **food problem** 062880
new quality program. [**Food processing**]. 063080
Why use extrusion. [**Food processing**]. 063359
Cuts waste disposal costs. [**Food processing,** 072524
Food production & fertilizer application. 13. 062613
of contemporary **food production** & marketi- 062699
Can frozen **food products** be labeled as fresh 063027
Own serological studies on **food products** of 063213
Protein-fortified extruded **food products.** 063319
New **food products** of world & technical ref- 063401
cobalt deficiencies in feeds & **food products** 063441
Own serological studies on **food products** of 066167
properties of vegetable **food products.** 070742
their metabolites in **food products** through t- 070743
World **Food Programme** & employment: ten 062934
market development of a **protein food.** 062772
casein by immobilized pepsi. [**Food proteins** 063388
Influence of **food quality** on angoumois grain 070896
Determination of fluorine in **food rations &** 063450
Syneresis of Cold-Pack Cheese **Food related** 063525
Award sponsored by Armour **Food Research** 063648
Carbohydrates as **food reserves** in Prasinop- 067740
supermarkets increase frozen **food sales.** 062758
reaction in cats under **food-satiation** & food 064248
Tasks of packaging industry in **food sector.** 062660
manual: Special Summer **Food Service** Prog- 063015
Special **food service** for summer! in Portland 063236
Special **food service** for summer !: in Cinci- 063237
manual: Special Summer **Food Service** Prog- 063273
Food shopping. 062733
of plastic additives in **food simulants** iI. 063062
of plastic additives in **food simulants** iII. 063063
of plastic additives in **food simulants.** I. 063064
of endrin from natural **food sources** in easte- 070730
Salmonella cycles in **foods** with **special** refe- 063055
Special food service for summer! in Portland 063236
Special food service for summer !: in Cinci- 063237
Salmonella cycles in **foods** with **special** refe- 064044
bacterial & insect protection. [**Food spoilage**] 063093
Grocers help with **food stamp** outreach. 062886
nuclease. [**Food, Staphylococcus** aureus]. 063295
nuclease. [**Food, Staphylococcus** aureus]. 063296
on property of swelling **food starches.** 063439
Fast **food store** location factors: a comparis- 062689
Management of **stored food** & seed potatoes 063897
Milk sales in **food stores:** pricing & other m- 062775
of copper, zinc & manganese in **food-stuffs.** 063210
Training manual: Special **Summer Food** Ser- 063015
application. 13. Comparison on **food supply** 062613
Cattle products & composition. [**Food supply,** 062857
additives on property of **swelling food** starc- 063439
of Association of **Food Technologists.** 063432
role expanding. [**Food technology**]. 063348
report of Institute for **Food Technology** at 063405
Food for **thinking.** [Malnutrition]. 063262
Food toxic infections through eggs. 063074
Health foods versus **traditional foods:** A co- 063252
Food utilization in lactation. [Dairy cows]. 064335
value & utilization of **food** from **various** plan- 070321
composition & properties of **vegetable food** 070742
Health **foods versus** traditional foods: A co- 063252
Feeding value & uses of **food waste** by-prod- 064609
of DDT from **food** & from **water** by golden 070731
Solid waste management in **wholesale food** 072557
World Food Programme & employment: ten 062934

FOODGRAINS
Distribution of **foodgrains** in **India.** 062678
linkages of new **foodgrain technologies.** [Ind- 062274

FOODPLANTS
Foodplant ecology of butterfly Chlosyne lac- 070954

FOODSTUFFS
of sugars & sugar alcohols in **foodstuffs.** 063326
and/or potassium sorbate in **foodstuffs.** 063378
application for preservation of **foodstuffs.** 2. 063870
of Department of **Agricultural Foodstuffs** Te- 063427
with **foodstuffs** & use of **antibiotics** & chemo- 063059
sensory qualities of **foodstuffs** & for **forecast** 063408
Freeze-drying of **foodstuffs** in **France.** 063414
properties of semi-**solid foodstuffs:** viscoelast- 063399

FOOT
as an adjuvant in vaccines **against foot-and-** 065377
activity of bovine foetal sera **against foot &** 065614
animal movement. [Bluetongue, **foot-and-mo-** 065436
Studies into effect of **foot-and-**mouth disease 065581
Studies on **foot-and-**mouth disease vaccines 065698
Measures for controlling **foot-and-**mouth dis- 065828
wild & domestic animals in case of **foot-and** 065844
urea derivatives in experimental **foot-and-m-** 065896
Isolating **foot-anMmouth-**disease virus with 065676
epizootic disease of **feet & gangrenous** masti- 065687
composition of neat's **foot & shin** bone of c- 063633

FOOTHILLS
for tea culture in **foothills** of **Adygei** Auton- 069228

apple trees in **foothills** of North **Caucasus.** 067245
with dry farming in **foothills** of **Dagestan.** 072122

FORAGE

by soilage feeding & change of **forage.** 064867
Diurnal **foraging activity** of Formica sublucidifferentiated quantity of **agricultural forage** 068907
its relation to quality of **available forage** & 064737
of forage plants. XXV. **Forage beets.** XXVI. 062799
Forage beets, oleaginous crops. [Weed contr- 070186
Newly **bred forage** sorghum variety "Senda- 068686
measures on yields of **forage carrots.** 068906
Studies on **forage cell** walls. I. Prediction of 064726
effectiveness of some **compound forages** in i- 064912
of feeding, & method of **forage conservation** 064965
Forage corn: How to obtain a quality harvest 068810
of size & pattern of **forage crops** area in dai- 062278
Polyploids in perenial **forage crops.** XXIV. 067388
Polyploids in perenial **forage crops.** XXIII. 067390
variety selection of **forage crops.** 068754
quantity of agricultural **forage crops** on bro- 068907
Winterkill patterns of **forage crops** & winter 069772
water consumption of grain & **forage crops** in 072405
Diurnal foraging activity of Formica sublucilignin & cellulose in **forages** by **extraction** w- 070792
of three cool-season **forage grass** species. 064067
Ways to dry **green forage.** 067884
Problems of **forage harvesting** & preservation 064094
working methods for **harvesting forage** plants 064082
Forage lupine: A uniquely economical prote- 071613
of root system of yellow **forage lupine** in sa- 064780
of mineral nitrogen on yellow **forage lupine** 072238
Comparative testing of **forage mills** for roug- 072239
Role of **forage mixtures** in initiation of aspe- 064108
of feeds in Volga region. [**Pastures, forage** p- 065750
Polyploids in **perenial forage** crops. XXIV. 068713
Polyploids in **perenial forage** crops. XXIII. 067388
Forage plant sources used in preparation of 067390
Contribution of **forage plants.** XXV. Forage 064091
Heavy metals in food plants & **forage plants** 062799
Green Plan for livestock. [**Forage plants,** fe- 063067
biochemical characteristics of **forage plants.** 064821
in Volga region. [Pastures, **forage plants,** cu- 067893
research on culture of **forage plants.** 068713
After harvest planting of **forage plants** in ce- 068746
Improving natural meadows. [**Forage plants**] 068864
working methods for harvesting **forage plants.** 068884
Heavy metals in food plants & **forage plants** 071613
husbandry & problems of **forage production** 072511
Problems of **forage production** in farms with 064097
Soil fertility: one key to top **quality forage.** 068904
N concentration of three cool-**season forage** 072018
Pest control in **forage** & **small** grains: weeds 067884
Influence of selected grasses & **forbs** on **soil** 069744
Newly bred **forage sorghum** variety "Senda- 071748
Adivce on organisation of **forage supply** for 068686
New variety of **forage turnip** "Akane-Kabu" 064864
comparison of yields of **various forage** plants 067367
of sulfur on yield of **forage** & **vegetable** crops 062799
between dry skim milk & **forage yeasts** in m- 072123
properties of root system of **yellow forage** l- 064908
effect of mineral nitrogen on **yellow forage** l- 072238
frequency of application on **forage yield** of e- 072239
068692

FORBS

SEE FORAGE

FORECAST

food market-developments & **prospects** for 062774
Forecast for 1973. [Plant protection]. 069926
Mechanised agriculture in **prospect.** [India] 071563
of foodstuffs & for **forecast** of their **changes.** 063408
Prospects for non-**conventional** protein reso- 063447
Corn: Encouraging **prospects despite** some o- 062990
Poultry **development prospects** & programm- 062892
Forecasting development of cattle production 062935
Prospects for **development** of Department of 063427
Achievements & **prospects** for **development** 067184
Forecasting development of extensive electri- 071461
Forecasting development of land reclamation 072288
Economic prospects of Michigan farmers. 062952
Technical & **economic prospects** offered to i- 069124
Corn: **Encouraging prospects** despite some o- 062990
Results & **prospects** for **establishing** new var- 067264
Prospects of **exporting** agricultural products 062979
Forecasts for **forests.** [Research]. 066122
Prospects for use of **heterosis** in forest trees 066364
Prospects for **legislation** to advance collecti- 062877
Technical & economic **prospects offered** to i- 069124
Current status & **prospects** for **organizing** fe- 064716
a possible means of **forecasting persistence.** 070022
Forecasts & **planning** water economy. 072441
as a possible tool to **forecast plant** disease s- 069308
Prospects & **problems** in development of agr- 062929
operations & their **production prospects.** 071590
Forecasting regional hydrogeological conditi- 072399
Prospects for **remote** hybridization in grape 067385
Prospects for **scientific** research in breeding 067256
Forecasting swine market situation. 062610
Prospects for **tea** culture in foothills of Ady- 069228
On **forecasting transformation** of agricultural 062245
Prospects for 1973 **USSR** grain crop impro- 062673
fruits & **prospects** for their **utilization** in ta- 068473
Democratic Republic & **forecasting** for **year** 069903

FOREST

Forecasts for **forests.** [Research]. 066122
Parkway tears up **forest:** A wound or a seri- 066128
on two Subalpine sites. [**Forests**]. 066147
protection in air pollution control. [**Forests**] 066148
of foliar analyses for chlorides. [**Forests**]. 066157
fume damage on aerial photos. [**Forests**]. 066159
concerning management. [**Forests**]. 066184
age on precision of site index. [**Forests**]. 066192
How beautiful is **forest?**--Mathematical & s- 066220
Man & **forest:** land improvement aspects of 066225
basis for forest utilization in group I **forests** 066251
Public grant for motor roads through **forests** 066260
time, population growth models. [**Forests**]. 066297
spread of an aerial prescribed burn. [**Forests**] 066317
Computer aided road location. [**Forests**]. 066415
in four neighbour plots in a **forest.** 066867
by chronic gamma irradiation. [**Forests**]. 071769
Poplar plantations in fourth **Aarau forest** di- 066372
Why **abolish forest** concessions?: Point of vi- 066214
Forest in **adjacent** recreational area of indus- 066175
Problems of **forest advisory** service in change 066077
of dynamics of a various-**aged forest.** 066363
protection for **agriculture, forests** & fisheries 072593
Alabama forest industries. 066558
Algae of **Allen Forest** Lake, Kanpur, India. 066754
operations & basis for **allocating forest** & fo- 066254
C. G. Thomson species of **Apanteles Forest.** 071184
in a fume-damage area. [**Forests, Austria**]. 066151
Site survey in **Austrian forest** survey, a help 066172
State of **Austrian forest** legislation renewal. 066180
consumption, total drain & **forest balance** in 066440
Beech forests of Meskheti. [Fagus orientalis 066132
dehydrogenase activities of **beech forest** litt- 071836
properties of Pinus wood in pine **forest belts** 066562
Growth & moisture sufficiency of **forest belts** 068583
of simazine & atrazine in **forest belts** of nor- 070155
Growth & moisture sufficiency of **forest belts** 071885
of Pinus sylvestris in pine **forest belts** of Ka- 068600
Pteromalidae) in **forest biocoenosis** & probl- 070376
as a component of **forest biogeocoenosis.** 066871
iron concretions in soils of **brown forest** reg- 071734
Increase of fertility of eroded **brown forest** 071975
dieback of Pinus spp. in **California forest** nu- 069510
Drought code component of **Canadian forest** 066081
diseases of beech in **forests** of **Carpathians** 069592
Wisconsin's **changing forests.** 066165
Singing bug of hampshire. New **Forest cicada.** 070810
Composition of **climatic forest** formations in 066838
analysis of complex rain-**forest communities.** 066859
Why abolish **forest concessions?**: Point of vi- 066214
photos for supervision of **forest conditions.** 066279
10 Years **continuous forest** inventory on a la- 066284
progress report of **Cooperative Forest** Tree 066383
Change of **forest cover** in certain natural ter- 066872
Voronezh Natural Reserve. [**Forest damage**] 066111
Forest of **Dean** day visitor survey; an analys- 066228
Influence of ozone on **deciduous forest** tree 066156
Forest defoliations create public issues. [Po- 070554
sectoral linkages of **forest development.** 066234
came & stayed. [Porthetria **dispar, forests,** 070525
Fir trees in Roznov **Forest District.** 066129
plantations in fourth Aarau **forest district.** 066372
nuts during 1970 in eight **forest districts** of 066330
in respect to **forest** as **dominating** recreatio- 066176
Soil moisture dynamics in **drained forests.** 071825
On **draining forest** swamps of Lake Baikal r- 072433
sites from point of view of **forest ecology** for 066396
forest of Kustanai Region. [**Forest ecology**]. 066877
sites from point of view of **forest ecology** for 066906
Forest working plans, **forest economics,** & 066255
Summary report of **forest economists** in To- 066210
of timber reserves of **forests** in **economy** & f- 066230
of carbon & nitrogen in **forest ecosystems.** 066863
by beech nuts during 1970 in **eight forest** di- 066330
measurement & control. [**Forest engineering** 066185
How should **forest enterprises** be organized 066246
regulations in state **forest enterprises** up to 066282
of production in state **forest enterprises.** 066283
of its parasitoids within a **forest environment.** 070844
effectiveness of all-purpose **forest equipment** 066253
Group cutting system in **experiment forest** of 066379
Stake test at Asakawa **Experiment Forest.** 4 066564
of Wroclaw. I. Introduction. [**Fagus forests**] 066118
of Muszkowicki **Fagus Forest** Reserve. 066119
Hymenoptera) in **Fagus Forest** Reserve Mu- 071282
Dermaptera in Muszkowicki **Fagus Forest** 071283
Soils in Muszkowicki **Fagus Forest** Reserve 071853
Forest farming on former large estate Host- 066358
Concept of **forest fertilization** returns in No- 066201
Mechanical **forest fertilization** with lime ma- 072045
Forest fertilization in Sweden in 1971. 072190
Practical application of **forest fertilizing** pr- 072199
Economic sides of **forest fertilizing.** 072200
ion transport in a Douglas-**fir forest** soil in 071807
code component of Canadian **forest fire** beh- 066081
Forest fire of windfall trees. 066095
evolution from partitioned **forest floor** comp- 067559
Composition of climatic **forest formations** in 066838
FPL Forest Products Laboratory facility for 066547
Some records of insect fauna of **Gir forest,** 071197
ecology of a dolina of **forest** of **Grand** Risox 066914
yields of neglected mid-**forest grass** swards 068873
spring & winter wheats in light **gray forest** 068026
of aggregates of light-**grey forest** soil. 071844
of insect fauna of Gir **forest, Gujarat** State 071197
New **Hampshire forest** market report report 066263
Seepage steps in New **Forest, Hampshire,** 072335
Forest harvesting course at Washington Co- 066410
of Apterygota in oak-**hornbeam forests** of so- 070761
book--means for **including forest** workers in 066283
Damage caused in **forests** by an **increase** in 066138
Forest industires in superaction of insufficie- 066505
of charging a press. [**Forest industries**]. 066430
Alabama **forest industries.** 066558
an accounting plan in **forest industry.** 066181
employee mystery. [**Forest industry**]. 066188
Point of view of **forest industry.** 066214
Forest industry as a partner of paper indust- 066407
Occurrence of **forest injuries** in area of Ger- 069903
Intensifying forest production & problems of 066285
problems in planning **intermediate forest** uti- 066242
National **forest inventory:** Hedges inventory 066127
photo & field samples in **forest inventory.** 066196
of 32 years (1936--1968). [**Forest inventory**] 066268
10 Years continuous **forest inventory** on a la- 066284
features of terrain of **Ishim forest**-steppe reg- 072434
Chernozem soil of **Krasnoiarsk forest**-steppe 071838
Algae of Allen **Forest Lake,** Kanpur, India. 066754
interpretation of forest & **nonforest land** cla- 062248
analysis on recreation space. [**Forest land**]. 066209
cons of land use taxation. [**Forest land**]. 066264
wants to get into act. [**Forests, land** prices] 066270
National **forest landscape** management. Vol- 066304
harvest cutting in **Larix forests** of Soviet Far 066343
Fume damage to **forests** by **lead** & steel ind- 066149
spring ephemeroids of broad-**leaved forest.** 066905
State of Austrian **forest legislation** renewal. 066180
law in example of **forest legislation.** [West 066219
Cellulose decomposition in **forest litter** of s- 066362
Forest litter & its significance in biological 066834
activities of beech **forest litter** & soil. [Fagus 071836
Chemical composition of **forest litter** water- 071886
acid determination in **forest litters.** 071874
Measures to **maintain forests** in regions of 066161
Interrelation between **forest management** & 066177
processing equipment in **forest management** 066179
of Nigeria on aspects of **forest management** 066195
Effect of **forest management** on landscape of 066216
a function-system in **forest management.** 066222
improvement aspects of **forest management.** 066225
Forest management in Transcausasia. 066244
Functions of **forest management.** 066249
of timber & effect of **forest management** pra- 066544
Contribution of **forest managers** of Kazakhs- 066243
New Hampshire **forest market** report report 066263
Mechanical forest fertilization with lime ma- 072045
of equipment. [**Forest mechanization**]. 066224
of tree classification. [**Forest mensuration**]. 066256
Forest meteorology in seventies. 066079
on increasing yields of neglected **mid-forest** 068873
red oak in Courriere-**Mignault forest.** [Quer- 066277
Fire & smoke in **Montana forests.** 066104
Sub-**montane forest** reserves in Sadecki Bes- 066117
National forest inventory: Hedges inventory 066127
On enterprise of **national forests** for recreat- 066205
National forest landscape management. Vol- 066304
Clearcut! [Ocala **National forest**]. 066325
Forest of **Navajo.** 066124
Forestry & recreation in **forest need** efficient 066218
An investigation on **forests** in **Nepal.** 066098
photo interpretation of **forest** & **nonforest** l- 062248
Kettle Moraine State **Forest, northern** unit 066166
quality of winter wheat in **northern forest**-st- 072069
cultivated pastures in **northern forest**-steppe 068710
bromine & iodine in **Norwegian forest** soils 071792
of Pinus spp. in California **forest nurseries.** 069510
Tropical **forest odyssey** Tom Gill's diary, 19 066093
management of **forest operations.** 066255
Symposium on **forest operations** in mountai- 066447
Growing timber **outside forest** in reallocation 066231
dioxide evolution from **partitioned forest** flo- 067559
of fertilizer application to **peatland forests.** 072192
on different food plants. [**Forests, pest** cont- 070527
Thaumetopoea pithyocampa, **forest pests**]. 069901
stayed. [Porthetria dispar, **forests, pests**]. 070525
environmental conditions on **forest pests,** es- 070526
of Neodiprion sertifer. [**Forests, pests**]. 070536
Protect Thanasimus formicatus! [**forest pests,** 070537
Forest pests in Lower Saxony, 1972. 070538
environmental conditions on **forest pests,** es- 070766
roughness parameters for a **pine forest.** [Pi- 066105
Shelterwood cutting in tapped **pine forests.** 066342
of properties of Pinus wood in **pine forest** b- 066562
of epiphytic lichens in **pine forests** of Mosc- 066866
Pinetum forest type of Tersek **pine forest** of 066877
seedlings of Pinus sylvestris in **pine forest** b- 068600
of ground water in irrigated **pine forests** of 071950
Pinetum forest type of Tersek pine forest of 066877
Thaumetopoea **pithyocampa, forest** pests]. 069901
Forest planning & its synchronization with 066232

Forest working **plans, forest** economics, & 066255
chemical weed control in **forest plantations** 070164
Lymantria monacha L. in **forests** of **Poland.** 070555
a help for decision making in **forest policy.** 066172
social organization of New **Forest Ponies.** 064282
for allocating forest & **forest processing** ind- 066254
utilisation of residues in **forest production.** 066237
Intensifying **forest production** & problems of 066285
rationalization of **forest production.** 066537
intensification of **forest productionand** repro- 066291
on timber production & **forest products** by 066275
of musical instruments. [**Forest products**]. 066433
North American trade in **forest products.** 066444
FPL **Forest Products** Laboratory facility for 066547
for pragmatic decisions in **forest protection.** 066221
production & problems of **forest protection.** 066285
Plant **protection, forest** protection, nature c- 069860
On establishment of **protective forests** for air 066096
Protective forest stands & their role in high 066101
Protective forest shelterbelts on irrigated la- 066103
On establishment of **protective forests** for air 072526
Economic effectiveness of all-**purpose forest** 066253
of forest regeneration in **Quercus forests** of 066353
in numerical analysis of complex **rain-forest** 066859
Forest-range environmental production anlyt- 066303
wild hoofed animals on **forest regeneration** in 066111
effectiveness of **forest regeneration** in Querc- 066353
intensification of **forest regeneration.** 066378
concretions in soils of brown **forest region** of 071734
evapotranspiration from **forest regions.** 072429
drying houses within **forest reproduction** pr- 066376
Progress of **forest research** in Taiwan in 19 066078
History of **forest research** in Hungary. 066088
of Muszkowicki Fagus **Forest Reserve.** 066119
Hymenoptera) in Fagus **Forest Reserve** Mu- 071282
in Muszkowicki Fagus **Forest Reserve.** 071283
Soils in Muszkowicki Fagus **Forest Reserve** 071853
Sub-montane **forest reserves** in Sadecki Bes- 066117
Harvesting Picea cones in **forest reserves** & 066356
Forest resources & ownership in Finland, 1 066197
Efficient utilization of **forest resources.** 066247
Thoughts on Westland **Rimu forests.** [Mana- 066267
A basic variant of **forest road** investments. 066294
with liquid calcium chloride. [**Forest roads**] 066411
Forest roads in mountainous regions & soil 072254
Fir trees in **Roznov Forest** District. 066129
Pollution & its threat to **forests** in **Ruhr.** 066160
mode of action of our **forest seed** drying hou- 066376
Selecting snowmobiles for **Forest Service** w- 066085
Forest shelterbelt culture & intensification of 066100
On establishment of **forest shelterbelt** stands 066106
of ground airflow & **forest shelterbelt.** 066164
Protective **forest shelterbelts** on irrigated la- 066103
economic effectiveness of **forest shelterbelts.** 066108
openness of **forest shelterbelts** on soil moist- 066163
Exploitation tests of **forest skidding** cable c- 066541
Influence of **forest** on **soil** entomofauna of b- 071000
drive for rotary tillers of **forest soil.** 071623
Results of testing **forest soil** rotary tiller. 071624
ion transport in a Douglas-fir **forest soil** in 071807
of aggregates of light-grey **forest soil.** 071844
of ammonia volatilization from a **forest soil** 071863
Leaching nitrogen from **forest soil.** 071930
winter wheats in light gray **forest soils** of G- 068026
bromine & iodine in Norwegian **forest soils** 071792
of fertility of eroded brown **forest soils** by m- 071975
current growth increment in **spruce forests** 066250
On causes of dynamics of **forest stand** struc- 068569
Protective **forest stands** & their role in high 066101
air pollution damage to **forest stands** in Uni- 066158
Kettle Moraine **State Forest,** northern unit 066166
central economic regulations in **state forest** 066282
planning of production in **state forest** enter- 066283
Yearbook of **forest statistics,** 1971. 066204
varieties under conditions of **forest-steppe** r- 068338
cultivated pastures in northern **forest-steppe** 068710
of field crop rotations in **forest-steppe** area 068867
Chernozem soil of Krasnoiarsk **forest-steppe** 071838
of winter wheat in northern **forest-steppe** re- 072069
surface-gleized soils of western **forest-steppe** 072322
features of terrain of Ishim **forest-steppe** reg- 072434
intensifying of reproduction to **forest stock.** 066375
Forest stocking equations: their development 066313
Management of **forest strips** in Volga region 066233
management of **forests subject** to forestry r- 066276
Intensification & utilization of **forest supply** 066290
Site survey in Austrian **forest survey,** a help 066172
On draining **forest swamps** of Lake Baikal r- 072433
background in **forests** of **temperate** Eurasia 066708
Results of **testing forest** soil rotary tiller. 071624
on radial growth of Picea in **Tharand Forest** 068591
an important factor in **forest transport.** 066499
Influence of ozone on deciduous **forest tree** 066156
progress report of Cooperative **Forest Tree** 066383
photosynthesis & respiration of **forest tree.** 068553
on lateral growth of **forest trees.** 066084
to recognize frost damage in **forest trees** & 066123
Windthrow. [**Forest trees**]. 066141
Acidifying & leaching effect of **forest trees** 066162
Prospects for use of heterosis in **forest trees** 066364
Physiology of **forest trees.** 3. Vegetative pro- 066371
related to light intensity. [**Forest trees**]. 066996
annual cycle of development of **forest trees;** 068535
interrelations in phytocenoses. [**Forest trees** 068538
Interrelationships between **forest trees** & en- 068555
related to light intensity. [**Forest trees**]. 068561
Virus diseases of **forest trees.** 069635
Wind-induced root movements in **forest trees.** 068534
Tropical forest odyssey Tom Gill's diary, 19 066093
herbaceous communities in **forest tundra.** 066840
Pinetum **forest type** of Tersek pine forest of 066877
Root distribution under some **forest types** n- 068533
Sanitary status of **forests** in **Upper** Silesian 066137
in planning intermediate **forest utilization.** 066242
Economic basis for **forest utilization** in group 066251
Evaluation on effect of **forest vegetation.** 066131
to determine number of **forest visitors.** 066223
surface-gleized soils of **western forest-steppe** 072322
effectiveness of **forest windbreaks.** 066102
Special contribution of **forests & woodlands** 066097
book--means for including **forest workers** in 066283
Forest working plans, forest economics, & 066255
Forest works & decree on protection of arc- 066286
Fertilizing **young forest.** 072198

FORESTERS

Eric Charles Mobbs, obituary. [**Foresters**]. 066082
(To 70th birthday anniversary). [**Foresters**] 066110
Challenging times for **foresters.** [Resources 066266

FORESTRY

at State College for Agriculture & **Forestry** 063405
technical information in **forestry.** 066107
Promotion credits in **forestry.** [Austria]. 066168
with electronic data processing. [**Forestry**] 066182
program for accounting systems in **forestry** 066183
utilization of site mapping. [**Forestry**]. 066215
accounting a chance for **forestry.** 066217
Analyzing economic indices. [**Forestry**]. 066239
Increasing production. [**Forestry**]. 066240
decisive year of Five-Year-Plan. [**Forestry**]. 066241
Production capital for **forestry.** 066248
Safety problems in **forestry.** 066259
for use of newly reclaimed lands by **forestry** 066288
co-operation in sphere of **forestry.** 066289
government research organization. [**Forestry**] 066312
as a medium of transportation in **forestry.** 066511
Ecosystem perspectives in **forestry.** 066835
dichlobenil 7.5 percent granules in **forestry.** 069972
protection in agriculture & **forestry:** a sum- 072562
economic experiment. [**Forestry, accounting**] 066292
of special value for **agriculture, forestry** & r- 072586
Practice of **forestry** within **Auckland's** opera- 066116
problems of seed culture. [**Forestry, breeding**] 066344
Forestry in **Britain;** pattern of industry: Pla- 066423
controlling grass weeds in **British forestry.** 069974
Forestry in **Chile.** 066109
of organizing & **conducting forestry** operati- 066245
working-groups for **forestry** within **council** f- 066289
Forestry development by a bauxite mining c- 066322
10 Years of **forestry education** & training at 066142
Forestry in **environmental** decade. 066125
scheme for private **forestry estates.** 066298
A current bibliography of **Finnish forestry** li- 066139
Increasing investments in **Finnish forestry.** 066269
Electronic computer in **foreign forestry.** 066252
of relationship between **forestry** of **German** 066135
bibliography of Finnish **forestry literature.** 066139
character of **forestry management** in Japan 066206
parks--meeting point of **forestry & nature** c- 066178
Does **forestry need** a new ethos? 066083
Economic aspects of **forestry** of **northern** K- 066238
organizing & conducting **forestry operations** 066245
Zoning of **forestry operations** & basis for al- 066254
Regional self-government & **forestry policy.** 066208
management scheme for **private forestry** est- 066298
Private forestry & public amenity in Peak 066299
Forestry & protection of historical monume- 066087
modelling measure for **forestry, recreation** & 066173
Forestry & recreation in forest need efficient 066218
of forests subject to **forestry regulation.** 066276
Forestry requirements for mechanized loggi- 066495
25 Years **Forestry School** at Schwarzburg. 066134
Agriculture & **forestry--tourism.** 062228
Forestry Training Council. 066143
Democratic Republic & **forestry** of **USSR.** 066135
education & research in **forestry & wood-ba-** 066080
production methods in **forestry** at **XIth** Far- 066280
25 **Years Forestry** School at Schwarzburg. 066134
economical regulations in **forestry** for **years** 066281

FORGING

About charcoal for steel mills & **forges.** 066540
Forging process in agricultural mechanics 1. 071682

FORMALIN

on fumigating hatching eggs with **formalin.** 065652
of formic acid & **formalin** on **production** of 064048
of formic acid & **formalin** on **quality** of direct 064047
using histoplasmin-**sensitized formalinized** s- 065393

FORMIC

Influence of **formic acid** & formalin on quali- 064047
Influence of **formic acid** & formalin on prod- 064048
Formic acid as a silage additive for wet cro- 064064
Formic acid as a desiccant for grass leaves. 064065

FORMICA

Flights of western thatching **ant Formica** ob- 070872
sanguinea subnuda, & **Formica fossaceps** (H- 070792

FORMICIDAE

fossaceps (Hymenoptera: **Formicidae**) in Qu- 070792
Forel, in Nevada (Hymenoptera: **Formicidae** 070872
bicolor (**Formicidae, Hymenoptera**). 071015
Buschinger (**Hymenoptera, Formicidae**). 071086
on genus (**Hymenoptera, Formicidae**). [Mo- 071317

FORMULA

Annual Conference, a good **formula?**: Let us 062430
Comparative value of various **formula feeds** 064728
7 **Point formula** for more milk. 064136
Meaning & elaboration of **standard formulas** 063590

FORSYTHIAS

rehardening of **Forsythia** X **intermedia** Stems 068253
in cells of fasciated stems of **Forsythia sp.** 067025

FOSSILS

Fossils attributed to Orchidaceae. 066613

FOULBROOD

relating to control of **European foulbrood.** 071414

FOWL

Cystadenoma of ovary in a **fowl.** [Chickens] 065932
A third donald duck beak anomaly in **fowl.** 065935
elimination of monomycin from **fowl body.** 065850
neutralizing antibodies in **fowl** using **CAM-t-** 065579
Contribution to biology of **fowl cestode** Rail- 065396
An increase in activity of **domestic fowls** pr- 064283
Immobility reactions in **domestic fowl** (Gall- 064284
on immobility reaction in **domestic fowl.** 064425
on induction of ovulation in **domestic fowl,** 065031
potential of certain breeds of **domestic fowl** 065893
Guinea fowl & humans. 064204
Vaccination for **fowl paralysis** (Marek's dis- 065461
for Marek's disease (**fowl paralysis**). [Avian 065462
Cultivation of **fowl plague** virus at low temp- 065475
On virus carrier in cases of **fowl pox.** 065810
of nematode invasions of **water fowl** with M- 065659

FOXES

Blue fox breeding season. [**Arctic foxes**]. 065051
control of trichophytosis in **rearing foxes.** 065566

FOXTAILS

in mature caryospses of yellow **foxtail grass** 066940

FRACTION

of humic acid & its **fractions** on **absorption** 071935
Study of **albumin fraction** of seeds of some 067713
actions of an **alkaloidal fraction** from Cardi- 067618
detection of organic **calcium fractions** in cal- 067623
Study of F2b **fraction** of **calf** thymus histone 064329
natural coumarins & **coumarin fractions** from 067492
in mitochondrial & **cytoplasmic fractions** of 068348
mitochondria into **different fractions.** 068457
Sharp-melting **fat fractions** from cottonseed 063753
Histone fractions in chicken bursa of Fabric- 064348
with organic & **inorganic fractions** of soil. 071936
tomato fruit & its **mitochondrial fraction.** 068437
Study of **neutral fraction** of oleoresin of Pin- 068531
acids & some of their **fractions oblained** on 071864
of binding to muscle **particulate fractions** on 063681
study of less than 1mu **fractions present** in 071931
Electrophoresis of **protein fractions** from bo- 065030
Differences among **protein fractions** in vario- 068070
biochemical parameters of **fractions** of **rat** li- 064785
Ribonuclease activity of **ribosomal fraction** 068327
activity of nuclear & **ribosomal fractions** of 068144
Fraction of 70S **RNA** from avian myeloblas- 065428

FRACTIONATION

percolated soil. IV. **Fractionation** of **bacteria** 071910
extraction, **fractionation, characterization** & 064327
Isolation & **fractionation** of **chicken egg** whi- 063682
Fractionation of **dipeptidase** activities of St- 063483
Fractionation of **fulvic** acids on coal. [Soil a- 071843
Fractionation of **whey** proteins & casein of 063519

FRACTURES

movement through **fractured bedrock.** [Water 072534
Fracture force, hardness & brittleness in cri- 063762
of comminuted femoral **shaft fractures** in dog 065221
in a cow caused by a **fracture** of **tuberculum** 066074

FRAGRANCE

with particular reference to **fragrance.** 067076
Tamil Nadu's **fragrant** new **pari** mullai. 069072
chimeras of camellias **"Fragrant Pink"** prod- 067074
not plant for moonlight? [**Fragrant plants**]. 069108

FRAMES

members. 3. Two-hinged **gable frames.** 066456
Farmers & veterinarians: A **healthy frame as** 062996

FRANKLINIELLA
okra by thrips, **Frankliniella intonsa** (Tryb- 070469

FREESIA
On formation of pupa (nikai-tama) in **Frees-a.** 068400
flowering on seed set of **tetraploid Freesia.** 067564

FREEZERS
Up-to-date **quick freezers** & freeze-storage. 063603

FREEZING
Postharvest effects of **freezing** on **apples.** 063879
Procedure for **artificial freezing** of fruit plan- 068339
Lesions visualized by a **brief freeze** treatme- 069680
Freezing decayed wood to facilitate ring co- 066305
Use of **freeze-dried** berries & fruits in special 063552
acid & beta-carotene content in **freeze-dried** 064012
Freeze-drying of foodstuffs in France. 063414
Freeze-drying: conservation of dairy products 063560
Freeze-drying of chicken meat. 063687
of bull semen relative to **freezing** it in **liquid** 065084
Effects of **freezing** on **mature** apple fruit tis- 069757
changes during cooling & **freezing** of **meat.** 063631
cold-cryogenic cold" **mixed freezing.** [Veget- 063941
of flesh foods above **freezing point.** 063351
Up-to-date quick freezers & **freeze-storage.** 063603
bovine myoglobins at **freezing temperatures** 063625

FREIGHT
Freight car supply; a South Dakota transpo- 071663
for loading beets into **freight cars.** 071667

FREQUENCY
Nitellopsis obutsa cells at low **frequencies.** 067653
of cattle in Belgium & their **frequency.** 065405
methods on **frequence** of **appearance** of poly- 067390
of nitrogen dose & **frequency** of **application** 068692
Study of **frequency distribution** in size of bu- 064958
of breed, **age,** & **ejaculation frequency** on bo- 064962
Drosophila & **frequency** of **electromagnetic** f- 071063
On effect of a reduction in **frequency** of **feed** 064786
Effects of **frequency** of **feeding** on energy m- 064658
Frequency of **financial** information & its pri- 062489
duration series methods of **flood frequency** p- 072428
Gene frequencies in stray cat populations fr- 064983
Haploid frequencies in Brassica napus. [Ra- 067097
organic substances of soil by **high frequency** 071934
Change in **frequency** of **induced** mutations in 067197
Influence of food **intake frequency** on 26-14 063255
I. Dominant lethal **mutation frequencies** in 070869
derivatives on **frequency** of **occurence** of let- 071064
in oil palm. Ii. Age of **palm, frequency** of a- 067567
series methods of flood **frequency prediction** 072428
Reiteration frequency of duck haemoglobin 065049
Investigation on **frequency** of **serum** transfer- 064980
wheat in relation to **frequency** of **summer** til- 068647
An observation on **unexpected frequency** of 065881
gamma irradiation on **wingbeat frequencies** 070874

FRESHNESS
of preparations for preserving **root freshness** 068605

FRESHWATERS
with emphasis on **freshwater algae** & Proto- 066825
factors on distribution of **freshwater algae:** 067639
067641
with emphasis on **freshwater algae** & Proto- 072480
mites in mantle cavity of **freshwater snails.** 071089

FRICTION
Investigation of **frictional behaviour** of chem- 066473

FRIED
SEE FRYING

FRIESIANS
SEE CATTLE

FROGS
sp. (Chrysophyceae) growing in **frog spawn.** 066604
viability of tadpoles of **Rana temporaria** int- 070746

FRONDS
Effect of asulam on **bracken frond** number, 070073
Effect of stage of **frond development** on abs- 069953

FRONT
pine needle miner in **Colorado front** range. 070561
of veterinary service on **stalingrad front.** 065337

FROST
How to recognize **frost damage** in forest tre- 066123
Effect of sunshine upon **frost damage** of you- 069830
Damage from **frost** during **flowering** on apple 069799
of an artificial test for **frost hardiness** in wh- 067932
Effect of temperature on **frost hardiness** of 068552
instruments for diagnosis of **frost-resistance** 067582
wheat varieties different by **frost resistance** 067987
on development & **frost resistance** of winter 068072
Frost seeding may lead to greater yields. [C- 068681
Damaging effects of **frost** on **sugarcane** in P- 069823

FROZEN
distribution of water in **frozen cells.** 067587
butter quality by use of **frozen cream.** 063556
Storage temperature of **deep frozen** foods. 063361
potassium nitrate & with **deep frozen** starte- 063532
Examination of irradiated **frozen eggs** during 063684
microbiological properties of **express frozen** 063404
helps supermarkets increase **frozen food** sal- 062758
Can **frozen food** products be labeled as fresh 063027
to storage keeping quality of **frozen food.** 063352
Aspects of packaging **frozen food** & similar 063354
problems of frozen meats & **frozen foods:** re- 062693
Storage temperature of deep **frozen foods.** 063361
helps supermarkets **increase frozen** food sal- 062758
Examination of **irradiated frozen** eggs during 063684
Frozen lamb: consumer product characterist- 062698
Consumer acceptance: **frozen meat** research 062688
of Leptospira antibodies in **frozen meat.** 063580
Technical problems of **frozen meats** & frozen 062693
Nailing frozen pallet lumber. 066560
Aspects of **packaging frozen** food & similar 063354
Nailing **frozen pallet** lumber. 066560
properties of express **frozen precooked** meals 063404
of Escherichia coli in **frozen samples** after r- 063034
glutathione & cysteine to **frozen semen** on i- 065040
of storing poultry **semen frozen** in liquid nit- 065185
nitrate & with deep **frozen starters.** [Cheese 063532
On activity of invertase in a **frozen state.** [063795

FRUCTIFICATION
SEE FRUIT

FRUCTOSE
fructose-1,6-diphosphatase in dry peanut co- 067924
Fructose in **pig** foetuses in last third of intr- 064349

FRUIT
Outlook for **fruit.** 062862
Wine & wine from **fruit.** 063903
Packaging materials. [**Fruit**]. 063905
Wooden boxes for packing of **fruits.** 063906
Corrugated cardboard in packing of **fruits.** 063907
Small packages. [**Fruit**]. 063915
Use of pliable films for packaging of **fruits:** 063916
Effects of gas concentrations on **fruits.** VI. 063969
types & metals in blue flowers & **fruits.** 067679
Bartlett leaves, on tree growth, & on **fruit.** 068249
growth regulators for agriculture. [**Fruit**]. 068351
Significance of amino acids in **fruits:** amino 068359
additional grafting necessary today? [**Fruit**] 069099
Can pruning be further simplified? [**Fruit**]. 069158
Fruit fly world's worst pest of **fruit.** [Strum- 070511
in relation to growth rhythm of **fruit.** 069748
Export packings for **fruits** from South **Africa** 063910
Studies on orchard illumination **against fruit** 070426
on Jonathan & Ralls **apple fruits.** 063969
Watercore development in **apple fruits** as re- 068251
development, & abscission of **apple fruit.** 068364
Effect of fertilizers on **apple fruit** set. 068501
electronic micrometer for **apple fruit.** 069053
Effects of freezing on mature **apple fruit** tis- 069757
Trapping codling moth & **apple fruit** fly. 070275
preservation of **fruits** by an **appropriate** pac- 063904
for industrial grades of **fruit, berry** & grape 063940
Tropical **fruit beverage** bases. [Guavas, pine- 063930
Production of **fruit bodies** in Panus tigrinus 067691
Weltzien. 1. formation of **fruiting bodies** in 069468
qualitative comprehension of **fruiting body** c- 071901
between leaf numbers on **fruiting branch** & f- 068216
Objectives & methods of **breeding fruit** & b- 067234
Methods of **breeding fruit** & vegetable crops 067252
Breeding fruit & berry crops relative to int- 067253
cadmium content of some **canned fruit** & ve- 063129
Vegetables & **fruits** should be **carefully** hand- 063925
end rot disease of snakegourd **fruits caused** 069310
root rot disease of temperate **fruits caused** 069367
For establishment of a **fruit center.** 063926
influencing storage rot of **certain fruits** & ve- 069360
standards for pome fruits & **citrus fruits.** 063089
orthophenylphenol in **citrus fruits** by gas ch- 063117
physiology & storage of **citrus fruits.** III. In- 063970
degreening of banana & **citrus fruits** with 2- 063990
Photoelectric color sorting of **citrus fruits.** 064018
Types of mutants produced in **citrus fruits** by 067360
of Hippopae rhamnoides. [**Fruit collection**]. 066361
colorimeter to evaluate external **fruit color** 069052
area into an area of **concentrated fruit** prod- 069022
Legal stipulatins **concerning fruit** packaging 062887
Fruit conserves & products in trade of area 062686
accelerants of young **cotton fruit.** 067905
Fruit crop breeding operations in Transcarp- 067386
Introduction & breeding of stone **fruit crops** 067258
On propagation of **fruit crops** by clones. 069065
Response of various **fruit crops** to glyphosate 070093
Fruit culture research & testing in Austria. 068913
Operation systematization of **fruit culture** & 068918
Mechanization for **fruit culture.** 1. New tec- 068979
Mechanization for **fruit culture.** 2. Progress 068980
planting in Holland. [**Fruit culture,** varieties 069157
of Kazakh Institute of **Fruit Culture** & Vitic- 069171
Virus diseases in **fruit culture.** 069672
Plant protection in **fruit culture** 1973: guidel- 069850
Dangers from pesticides used in **fruit culture** 070714
Mechanization for **fruit culture.** 2. Progress 071550
Problems in chemicalization of **fruit culture.** 072061
Effect of calcium on **fruiting** of **Cyathus** ster- 067704
Fruit demand & resulting conclusions for de- 062355
beta-carotene content in freeze-**dried fruits.** 064012
Fungicidal control of pre-harvest **fruit drop** 069362
Over- -row harvester for **dwarf fruit** trees. [071519
Cultivation of **exotic fruit.** 069032
colorimeter to evaluate **external fruit** color 069052
Nitrogen--a raw material for a **fruit factory.** 072047
measuring water relations of **fleshy fruits.** 068285
Trapping codling moth & **apple fruit fly.** 070275
Fruit fly world's worst pest of fruit. [Strum- 070511
response of females of Queensland **fruit fly,** 070925
survival of Queensland **fruit fly,** Dacus tryoni 071006
of development of larvae of olive **fruit fly,** 070432
New **fruit forms.** 3. pillar system. [Training] 069126
commercialization of **fruits** in **France.** 063912
Conditions of competition in **German fruit,** 063946
Amino acid content of **fruit** & **green** mass of 068509
socialist farms in Lommatzsch **fruit-growing** 062352
production in Havel **fruit growing** area. 062356
Development of Havel **fruit-growing** area in- 069022
Fruit growing for all. 069036
to decrease economic risk of **fruit growing.** 069852
Variations in tree & **fruit growth** & fruit qua- 066837
cooling of grapevines on **fruit growth** & com- 068236
of pineapple slips on plant **growth, fruit** wei- 068491
Fungicidal control of pre-**harvest fruit** drop 069362
of strawberry production in **Havel fruit** gro- 062356
Development of **Havel fruit**-growing area in- 069022
of vegetables & **fruits** in **Indonesia.** 062712
trends of vegetables & **fruits** in **Indonesia.** [062713
Vegetable & **fruit industries** in Thailand. 062709
Michigan **fruit industry.** [Outlook]. 062960
Control of mango **fruit insect** pest. [Dacus 070505
Suitability of **fruit** for **jam** manufacture. 063900
Fruiting of **Johnathan** apples in a palmetto- 068506
Breaking down pectins. [Swine, **Fruit juices** 063899
Effects of **fruit load,** temperature, & relative 067957
socialist farms in **Lommatzsch fruit**-growing 062352
Major fruit production in Philippines. 062710
of herbicides in modern **fruit management.** 070007
Control of **mango fruit** insect pest. [Dacus 070505
Immature stages of **mango fruit** weevil, Ster- 070993
ethylene concentration, & **fruit maturity.** 063877
Michigan fruit industry. [Outlook]. 062960
Modern fruit pruning. 069087
Role of herbicides in **modern fruit** managem- 070007
Fruit morphology & anatomy in Scutellaria, 067000
Packing of **fruits** in **Netherlands.** 063911
Fruit & nut products require sophisticated p- 063927
of development of larvae of **olive fruit** fly, 070432
carotene content in redand **orange-fruited** t- 067143
potassium content of **orange fruits.** 068325
Legal stipulatins concerning **fruit packaging** 062887
Fertilising **passion fruit** in Sigatoka Valley. 072037
Recent trends in use of **pasteurized fruit** ba- 063550
studies of chilling injury in **pepper fruits.** V. 063972
Branch test studies 1972/73. [**Fruit,** pest co- 070500
orchard illumination against **fruit-piercing** 070426
Planning fruit & berry production in Vestla- 069026
for artificial freezing of **fruit plants.** 068339
Magnesium fertilization of **fruit plants.** 068466
Pruning dates for **fruiting plum** trees. 069143
Quality standards for **pome fruits** & citrus f- 063089
Tannins of pericarp of **pomegranate fruits** & 068473
on formation & **fructification potential** of gr- 069166
Pharmacognosy of **fruits** of **Prangos** pabular- 067614
Fruiting problems in fruit trees. 1. [Citrus, 068214
Vegetable & **fruit production** in Thailand. 062708
Major **fruit production** in Philippines. 062710
in development of **fruit production.** [Czechos- 063005
Development of **fruit production** in Soviet 069019
an area of concentrated **fruit production.** 069022
High & stable **fruit production** through ste- 069023
Modern **fruit pruning.** 069087
regarding production of **fruit pulps.** 063923
Fruit quality & grocery store. 063192
Fruit with **quality.** [Apples]. 063902
in tree & fruit growth & **fruit quality** of app- 066837
grape varieties for increase in **quality, fruit** s- 067255
harvest factors affecting tomato **fruit quality** 072169
response of females of **Queensland fruit** fly, 070925
of overwintering survival of **Queensland fruit** 071006
Effects of **fruit** on **ribulosediphosphate** carb- 067569
A new **fruit rot** disease of sweet orange caus- 069374
Temperature, **fruit set,** & embryo sac develo- 068247
Effect of fertilizers on apple **fruit set.** 068501
spacing & date of harvest on **fruit setting** in 068361
Prices & **fruit size.** 062779
varieties for increase in quality, **fruit size** & 067255
leaf numbers on fruiting branch & **fruit size** 068216
A stem end rot disease of **snakegourd fruits** 069310
of freeze-dried berries & **fruits** in **special** mi- 063552
of cropping pattern of **fruit species.** 062355
High & **stable fruit** production through ste- 069023
of biology of flowering & **fruiting** of **sterile** 068410
Quality standards for **stone fruits** & berries. 063090
Introduction & breeding of **stone fruit** crops 067258

dahliae Kleb., a causal agent of **stone fruit** w- 069406
pests & weeds of pomaceous & **stone fruit** & 069850
of pathogenic mycoflora on **stored fruits** in 069408
types of sisal tow on **fructification** of **straw** 069159
Milk products with **fruit & sugar** content. 063504
Breaking down pectins. [**Swine, Fruit** juices 063899
of white root rot disease of **temperate fruits** 069367
Temperature, fruit set, & embryo sac develo- 068247
1971 **texas fruit** & pecan statistics. 062804
Caffeine synthesis in **fruits & tissue** cultures 067776
of freezing on mature apple **fruit tissue.** 069757
pectinase activities in **fruit tissues** & separat- 068443
Studies on acid phosphatase of **tomato fruit** 063885
maturation & ripening of **tomato fruits.** III. 063971
Response of **tomato fruits** to acetylene & ca- 063992
Lipids of ripening **tomato fruit** & its mitoch- 068437
Pre-harvest factors affecting **tomato fruit** qu- 072169
DDT & endosulfan residues on **tomato fruits** 070450
content in redand orange-**fruited tomatoes.** 067143
New **fruit training** forms. 069128
on wind protection equipment for **fruit tree.** 068959
On fundamentals of seed culture of **fruit tree** 069066
sp. nova, a new agent of beech & **fruit tree** d- 069590
On affection of **fruit tree** seeds with agents 069591
Control of insect & mite pests of **tree fruits** 070514
Fruiting problems in **fruit trees.** 1. [Citrus, 068214
Absorption of cadmium in **fruit trees.** 068217
of ascorbic acid in leaves of **fruit trees** with 068378
on pollen viability of **fruit trees.** 068476
New aspects of pruning in **fruit trees.** 068917
of specific replant disease of **fruit trees.** III. 069930
two xylophagic Sphenoptera of **fruit trees** in 070463
Over- -row harvester for dwarf **fruit trees.** [071519
Fertilizer proportions for **fruit trees** & bush- 072046
Tropical fruit beverage bases. [Guavas, pine- 063930
state of Aporta apples trees in **various fruit-** 068502
Response of **various fruit** crops to glyphosate 070093
Statistical data of **fruit, vegetable,** & berry 062818
materials: main basis for **fruit-& vegetable-p-** 063920
Fruit & vegetable processing in first half of 063944
of competition in German **fruit, vegetable,** & 063946
collective farm canneries. [**Fruit, vegetables,** 062596
packagings for **fruits & vegetables.** 063086
Changes in quality of **fruit & vegetables** pac- 063891
made of Stryropor for **fruits & vegetables.** 063909
packagings for **fruits & vegetables.** 063919
Studies on storage of **fruits & vegetables.** V. 063968
Fruit, vegetables, bees & pollination--now & 068404
postharvest pathogens of **fruits & vegetables** 069486
Fruit, vegetables, bees & pollination--now & 071402
Use of film mulch in **fruiting vineyards.** 072302
Role of **fruits** in **water** metabolism of peach 068379
Immature stages of mango **fruit weevil,** Ster- 070993
Development of technique for **weighing fruits.** 063917
slips on plant growth, **fruit weight** & quality 068491
Kleb., a causal agent of stone **fruit wilt.** 069406
Research Institute for **Fruit-, Wineand** Hort- 069082
Winterfat fruits & seeds retain high viability 067861
Fruit yields & quality in early years of a gr- 068955

FRYING

of components in **deteriorated frying** fats. 063462
reactions involved in deep **fat frying** of foods 063384
Investigation & assay of **fried food.** 063343
of total more polar products in **frying oils** by 063342
Use of silicones in **frying oils.** 063381

FUCHSIAS

Aims of a hybridist. [**Fuchsia.** 067139
Cultivar registrations. [**Fuchsia**]. 069008
Pinching out. [**Fuchsia**]. 069009
Fuchsias on **farm** or one thing leads to anot- 069010
Thinking about Triphyllas. [**Fuchsia, hybrids**] 067140
Fuchsia rust. [Pucciniastrum epilobii, Uredo 069321
Species Fuchsias. 069011

FUELS

tobacco dryer with air heated by **liquid fuel** 071675
Fuel-saving driving of motor lorries. 071542
effect of combustion method using **solid fuel** 069827

FULVIC

Physicochemical studies of soil **fulvic acid.** 071713
Fractionation of **fulvic acids** on coal. [Soil a- 071843

FUMARIA

of alkaloids in **Fumaria officinalis** L. in relat- 067722
of parfumidine. [**Fumaria parviflora**]. 067533

FUMARIACEAE

cytological data. [Sideritis **euboea, Corydalis** 066931
pseudoadunca & **Corydalis gortschakovii.** 067501

FUMES

Fume damage to forests by lead & steel ind- 066149
Explanation of a case of **fume damage** in Sc- 066150
a thermal power station in a **fume-damage** a- 066151
of recognizing & demarcating **fume damage** 066159

FUMIGANTS

on characteristics of action of **fumigants.** I. f- 070422
Toxicity & residue of some **grain fumigants** 063046
some halogenated **hydrocarbon fumigants.** 069825
Effect in vitro of **soil fumigants** on soil micr- 069634

FUMIGATION

caused by Fusarium solani by **fumigation.** 069361
Aspergillus fumigatus infection in nasal cavi- 065719
Tests on **fumigating hatching** eggs with for- 065652
crop disposal methods & **soil fumigation** on 069761

FUNARIA

callus of leafy musci **crosses Funaria** hygro- 067436

FUNDS

SEE FINANCE

FUNGICIDES

Action of **fungicides;** a radical benzimidazole 069328
What you should know about **fungicides.** 069390
Transcuticular movement of **fungicides.** [App- 069478
Two new **fungicides.** [Thiobendazole, Benlate 069531
on control of grain diseases. [**Fungicides**]. 069540
Fungicidal activity & chemical constitution. 063157
Antifungal activity of Rhizobium. 069270
of myriocin. A novel **antifungal antibiotic.** 070709
of fertility level & **fungicide application** to i- 069507
New systemic **fungicides applied** in plant pr- 069384
Erysiphe graminis, **fungicides, barley**]. 070112
Cytogenetic effects of **Benlate fungicide** on 067292
on media containing **fungicide benomyl** & as- 069240
resistant to **benzimidazole fungicides** in nor- 069520
With **better fungicides,** leafspot control imp- 069461
Synergic action of **certain fungicide** mixtures 069385
on media **containing fungicide** benomyl & as- 069240
Efficacy of **fungicides** for **control** of powdery 069349
Fungicidal control of pre-harvest fruit drop 069362
evaluation of **fungicides** for **control** of white 069367
of covering plants with a **copper fungicide.** 069451
with insecticides & **fungicides** for **cotton.** 069820
Calixine). [Erysiphe **graminis, fungicides,** ba- 070112
soil application of **fungicides** on **inactivation** 069364
With better **fungicides, leafspot** control imp- 069461
Synergic action of certain **fungicide mixtures** 069385
by incoroporation of **fungicide molecule** in l- 069252
of myriocin. A **novel antifungal** antibiotic. 070709
phthalimidophosphonothioate fungicide for 069331
by washing. Grading, & **postharvest fungicide** 069282
Screening of **potato fungicides** in 1972. [Ph- 069284
Antifungal properties of Actinomycetes as a- 069425
of tomatoes with **systemic fungicides.** 069338
in selected crops. [**systemic fungicides**]. 069341
New **systemic fungicides** applied in plant pr- 069384
limits in use of **systemic fungicides** in arbori- 069546
Fungicide tolerance faces Miracle" drugs. 069549
Grading, & postharvest **fungicide treatments** 069282
Fungicide trials, 1972. 069555
"**fungicide** action from some **weed**-killers in 069340

FUNGUS

Current system of **fungi.** [Plant taxonomy]. 066821
Genetic analysis in micro-organisma. [**Fungi** 067303
Natural products from **fungi,** 22. Oxidative 067485
Studies on nutrition of **fungi.** VII. Response 067592
of "thoid" & related compounds on **fungi.** [067681
Beauv. A qualitative analysis of **mycoflora.** 069243
resistance of rice plants to diseases. [**Fungi**] 069248
barley kernels with ethylene oxide. [**Fungi**] 069275
of Phragmites communis leaves by **fungi.** 069438
New research in viruses occurring in **fungi.** 069729
toxin produced by **fungus** on **activity** on beta 069398
activity of nematode trapping **fungi against** 065525
to black spot disease **fungus, Alternaria** kik- 069398
on growth of papaya **anthracnose fungi.** [Gl- 069292
Aquatic fungi of Iceland: three species with 066757
Urea of mold **fungus Aspergillus** oryzae. 067714
proteolytic activities of **fungus Aspergillus** o- 067786
Fungus associations in root rots of grand fir. 069524
technology. [Biodegradation, **bacteria, fungi**] 063425
microflora of raw beet sugar. [**Bacteria, fungi**] 063794
of vegetables in 1972. [**Fungi bacteria**]. 069449
sativum P. K. et B. [**Barley, fungus** diseases 069423
of entomopathogenic **fungus Beauveria** bassi- 067695
Marasmius-**blight fungus.** [Ammophila brevil- 069430
on relationship between **fungi** & **so-called** su- 069297
Causal fungi of rice ear blighting & factors 069556
Mycoflora of **cereal** crops in Selengin & cen- 066072
Microfungi colonizing collapsed aerial parts 069439
Microfungi colonizing submerged standing c- 069440
of Scytalidium isolates against **decay fungi.** 069473
Succession of **fungi** on **decaying** Setaria glau- 069243
compounds in **fungus Dendryphiella** salina. 067667
metabolism in **fungus Dendryphiella** salina. 067730
Tree-**destroying fungi** on Quercus castaneae- 069577
taxonomic notes on plant **disease fungi** in N- 066647
results of chemical control of **fungus disease** 069320
Japanese pear to black spot **disease fungus,** 069398
of resistance to a soilborne **fungal disease** c- 069519
Karsten. [Strawberries, **fungus diseases**]. 066797
leaf diseases in Wisconsin. [**Fungal diseases**] 069229
for coniferous species. [**Fungus diseases**]. 069400
sativum P. K. et B. [Barley, **fungus diseases** 069423
Karsten. [Strawberries, **fungus diseases**]. 069548
to store potatoes better. [**Fungus diseases**]. 069575
peculiarities of **entomopathogenic fungus** M- 067694
development of **entomopathogenic fungus** B- 067695
peculiarities of **entomopathogenic fungus** M- 070265
development of **entomopathogenic fungus** B- 070266
of nucleic acids in **fungus Entomophthora** th- 067683
Studies on **fleshy fungi** of Alaska. VI. Notes 066736
Fungal flora & rate of decomposition of leaf 071760
Mycoflora of **fodder** in some Aimaks of Mo- 066073
constituents in four Sclerotium-**forming fungi** 069496
Fungi from **fungus** gardens of Atta insularis 071084
with maturational stages of **fungus Geccinum** 070980
Fungi of **genus** Botrytis Micheli in Lithuania 066920
to study of biology of **fungus Gloeosporium** 067621
New records of **fungi** from **Himachal** Prade- 069371
Comments arising from "**hydnaceous fungi** of 066732
Parasitic **imperfect fungi** of order Melancon- 066666
Findings of parasitic fungi (**Fungi imperfecti** 066663
New speices of **Fungi Imperfecti** from Truk- 066750
bassiana (Bals.) Vuill. (**Fungi imperfecti**). [070433
Toxic **fungi infecting** feedstuffs. [Fusarium]. 064100
causing sprout damages. [**Fungi, insects**]. 069788
Antibiotic properties of **fungi isolated** from 067698
Effects produced by **fungi isolated** from rhiz- 068071
Fungistatic action of **Juglans** [regia]. 069245
endemism of **mycoflora** in **Kazakhstan.** 066730
toxic properties of **fungi** under **longterm** sto- 069571
of entomopathogenic **fungus Metarrhizium** 067694
Effect of **fungi** & **moisture** on locomotory b- 070573
Urea of **mold fungus** Aspergillus oryzae. 067714
Effect of two **mycophagous nematodes** on A- 069525
Fungi occurring in common plant communit- 066870
Findings of **parasitic fungi** (Fungi imperfecti 066663
A **fungal pathogen** of Broussonetia papyrife- 069514
species composition of **pathogenic mycoflora** 069408
identification of strain of **pathogenic fungi** f- 069454
from thermophilic **fungus, Penicillium** dupon- 067418
Carotenoids in **fungi** & non-**photosynthetic** 067602
as antagonists of **phytopathogenic fungi.** [Fu- 069425
to investigation of flora of **fungi** on **Pinus** he- 066909
of morphologic features of **polyporous fungi** 066973
outlook of studying **predacious fungi** in Aze- 067690
conditions to stimulate **predatory fungi** in c- 069909
Psilopezioid fungi. I. History, nomenclature, 066734
soil fungistasis. III. **Fungistasis** in **relation** 069535
fluorescence of potato wart **fungus resting** s- 069250
to question of damage caused by **fungal root** 069465
Ecological studies on rice stem **rot fungi.** [069298
A species of **rust fungus** on Pelargonium [z- 069443
Observations on **soil fungistasis.** III. Fungis- 069535
on diseases caused by **soilborne fungi.** 069471
Sources of resistance to a **soilborne fungal** d- 069519
comari Karsten. [**Strawberries, fungus** disea- 066797
of acid protease from **thermophilic fungus,** 067418
Mycophagous Thysanoptera. IV. 071287
Mycophagous Thysanoptera. V. 071288
Toxic fungi infecting feedstuffs. [Fusarium]. 064100
activity of nematode **trapping fungi** against 065525
stimulation by **volatiles, fungistasis,** & sodi- 069477
fluorescence of potato **wart fungus** resting s- 069250
Some type specimens of **zoosporic fungi.** [P- 066648

FUNNELS

Use of **Stuttgart funnel** in experiments eval- 070497

FURFURYL

experiments with kinetin, **6-furfuryl-amino-** 067755

FUROCOUMARINS

Separation of **furocoumarins** by **high**-pressure 068388
on biosynthesis of **furocoumarins** in **leaves** of 068255

FURROWS

for overhead spraying for **furrows & strips.** 071591

FUSARIUM

Toxic fungi infecting feedstuffs. [**Fusarium**]. 064100
cotton lines for comparisons of **Fusarium** [067115
Fusarium [oxysporum] wilt of bananas in T- 069295
Fusarium [oxysporum] wilt of bananas in Ta- 069301
cotton lines for comparisons of **Fusarium** [069305
liming procedure in control of **Fusarium** [ox- 069343
of linseed varieties **against Fusarium** [oxysp- 069357
Phialophora **cinerescens, Fusarium,** Penicill- 069545
of Orthocide in **controlling Fusarium** root r- 069399
phytopathogenic fungi. [**Fusarium culmorum** 069425
Fusarium diseases of pea: Behaviour of pea 069236
of fungi. VII. Response of **eight Fusarium** s- 067592
to root & stem rot. [**Fusarium moniliforme,** 069426
of sunflowers. [**Fusarium moniliforme,** Phy- 069519
of indole acetic acid by **Fusarium osysporum** 069365
effect of benomyl on **Fusarium oxysporum.** 067311
torwards a strain of **Fusarium oxysporum** f. 069236
colonization by **Fusarium oxysporum** f. sp. v- 069254
activities of **Fusarium oxysporum** f. sp. mel- 069256
pathogenic strains of **Fusarium oxysporum** 069348
toxin metabolism of **Fusarium oxysporum** S- 069350
Studies on survival of **Fusarium oxysporum** f 069368
effect of benomyl on **Fusarium oxysporum.** 069428
on survival of **Fusarium oxysporum** f. melon- 069537
cinerescens, **Fusarium, Penicillium**]. 069545
of Orthocide in controlling **Fusarium root** r- 069399
saprophytic ability of **Fusarium roseum** f. sp 069494

enzymes in spores of **Fusarium solani:** causes 067421
Islands Protectorate. [**Fusarium solani,** Bot- 069242
Phaseolus vulgaris L.). [**Fusarium solani,** P- 069251
of formae speciales in **Fusarium solani.** 069491
mycotoxins of **Fusarium species.** 067422
VII. Response of eight **Fusarium species** to 067592
Fusarium species on groundnut kernels & in 069536
On distribution of **Fusarium sporotrichiella** 069421
infected with **Fusarium sporotrichioides.** 066006
formation in **Fusarium** in **sterile** salt solutio- 069495
acid deficient mutants of **Fusarium udum** as- 069352
Kzyl-Orda Region. [**Fusarium, Verticillium**] 069565
Fusarium wilt of nutmeg seedlings (Myrstica 069309
correlated with a reduction of **Fusarium wilt** 069506

FUSICLADIUM
SEE DEMATIACEAE

FUSIFORM
Monoterpene-fusiform rust relationships in 069488

FUSIFORMIS
Fine structure of **Sarcocystis fusiformis** from 065648

FUSION
from a he-goat carrying **centric fusion.** 064946
Acid-**induced fusion** of mammalian erythroc- 064302
to teratology & **fusion problems** of honeysu- 066953
of an insect poxvirus by **fusion** of **virus** enve- 071066

GALACTOSIDASES
Studies on alpha-**galactosidases:** detection of 068081
of raffinose by alpha-**galactosidase** of **mold.** 067660

GALIUM
Polygamous species of **genus Galium** (Rubia- 066652

GALL
cultural regime of bacterai-free **crown gall** t- 066976
Investigations on silver **fir gall** midge, Agevi- 070565
Clonal variation of resistance to **gall midges** 070542
of taxonomy & ecology of **gall midges** (Dipt- 071122
components from Quercus **robur galls.** 068579

GALLERIA
in tissues of gamma-**irradiated Galleria** mell- 070938
exitialis hall et Dunn. [**Galleria mellonella,** 070240
of nine diets for rearing **Galleria mellonella** 070838

GALLUS
development of shell of **Gallus domesticus.** 064477
in domestic fowl, **Gallus domesticus.** 065031
of various populations of **Gallus domesticus** 065095
reactions in domestic fowl (**Gallus gallus**) le- 064284

GAMBIAE
in species A & B of **Anopheles gambiae** co- 070656

GAME
Influence of **game animals** on distribution & 070661
game feed], a grain sorghum for **game birds** 068797

GAMETOCYTES
of Plasmodium **falciparum gametocytes** from 070609

GAMETOGENESIS
Study of **gametogenesis** in **pollen** grains of 067375

GAMETOPHYTES
development of **gametophyte** in **Deutzia** cor- 067037
Polytrichum formosum **leafy gametophyte** 066924

GANDER
SEE GEESE

GANGLIA
Ganglia in middle **ear** of dog. 064278

GANGRENE
disease of feet & **gangrenous mastitis** in she- 065687
Gangrene of **tail** in cattle. 065479

GANODERMA
SEE POLYPORACEAE

GARBAGE
emissions of municipal **garbage incinerators** 066157

GARDENERS
Are spiders an asset to **gardener?** 070991
plants & their control by **home gardeners.** [070434
varieties: tools for **organic gardeners.** 070494

GARDENING
in mechanized **amateur gardening.** 071658
Gardening in a **Mediterranean** climate. 1. [I- 069139
Organic gardening can be successful if you f- 069057
Water gardening. [Aquatic plants]. 069041

GARDENS
Paths in **garden.** 068945
Some thoughts on houses & **gardens.** [Lands- 069033
of insect & mite pests of home & **garden.** 070299
Bees in **garden.** 071388
To history of **Botanical Garden,** University 066578
of Conservatory & **Botanical Garden** & of I- 066581
Goteborg's **botanical garden.** 066588
Noah's Ark in green. [**Botanical gardens,** G- 066593
A **Cornish garden** in winter. 069137
new improved lines of **garden** an **field** pea at 068881
Fungi from **fungus gardens** of Atta insularis 071084
s Ark in green. [Botanical **gardens, Great** B- 066593
Home gardens for Piedmont South Carolina 068962
insect spray program for **home gardens:** dec- 069918
chart for ornamentals in **home garden.** 070492
Growing tree potato in **kitchen garden.** 068982
Economics & planning for **kitchen garden.** 069031
Big **kitchen garden.** 069035
Kitchen garden. 069096
Garden maintenance with herbicides. 070014
Open gardens: Schackenborg Palace garden 066587
Open gardens: Gjessinggaard. 066589
Open gardens: Ausumgaard. 066590
Open gardens: Schackenborg **Palace garden** 066587
varieties & improved lines of **garden pea** & f- 068879
selected & improved varieties of **garden pea** 068880
Production techniques on **garden plants.** 8. 068919
Trees for **small garden.** 069141
Unusual plants for **town gardens.** 069140
To history of Botanical **Garden, University** 066578
Water garden under glass. 068967
Winter garden at Cambridge. 066599
event at Antwerp **Zoological Garden** in 1860 066822

GARLIC
of sterility in Allium sativum L. [**Garlic**]. 068287

GASES
quarters by flame from a **gas burner.** 065346
Gas chromatographic determination of sugars 063326
Aroma of canned beef: **gas chromatographic** 063618
Gas chromatographic analysis of products of 066406
in citrus fruits by **gas chromatography.** 063117
A study of vinegar by **gas chromatography.** 063440
Contribution of **gas chromatography** to ident- 063869
in citrus fruits by **gas chromatography.** 063950
Alcohol analysis by **gas chromatography.** III 064007
mosquito coil smoke by **gas chromatography** 070599
Gas chromatography of gases emanating fr- 071749
Effects of **gas concentrations** on fruits. VI. 063969
grain in a recycled pneumatic-**gas dryer.** 063846
Gas chromatography of **gases emanating** fr- 071749
preserving root freshness on **gas exchange** in 066402
of growth environment on **gas exchange** cha- 068575
preserving root freshness on **gas exchange** in 068607
Study on distribution of **gene Gas** in lines & 067141
Collection techniques for GLC [**Gas liquid** c- 063464
acid in final molasses by means of **gas-liquid** 063866
Gas-liquid chromatography of some natural 067492
Cost of **oil/gas** & feed. [Poultry farm mana- 062494
seed grain in a recycled **pneumatic-gas** dryer 063846
A trial of **premixed gases** with methoxyfluo- 065320
permeability as a character of **gas-stability** 068536

GASTRIC
torsion in dog. **Gastric decompression** by ga- 065258
on secretion of saliva & **gastric juice** in she- 064555

GASTROENTERITIS
associated with **gastroenteritis** & **abortion.** 065713
resistance to **transmissible gastroenteritis** of 065444
infected with a **transmissible gastroenteritis** 065446

GASTROINTESTINAL
control agents for **gastrointestinal parasites** 065535

GAUGE
determining volume of containers (**gauging**) 063416
Phosphorus-32 **bwta gauge** for measuring wa- 068285
Track gauge of heavy duty tractors. 071538

GEESE
Is it a goose or a **gander?** 064978
in sera of men, horses, pigs, hens & **geese.** 065570
Little-known virus disease of **geese.** 065796
Nutrition of grey **goose, Anser** anser, in sou- 064923
Mass death of **geese caused** by Erysipelothr- 065470
measurements of **geese** before **force-feeding** 064468

GELATIN
of soil conditioners on silic **acid gel** plates. 071959
by electorphoresis in **acrylamide gel.** 067713
disease herpes viruses by means of **agar gel** 065434
infectious anemia: sensitivity of **agar-gel** im- 065445
cattle. II. Compariosn of iodine & **agar gel** 065561
silica acid, silica gel & zeolites by **gel-agar** e- 071875
of precipitation in **gel** in **determination** of st- 065558
of their fractions oblained on **dextran gels.** 071864
On value of **gel-diffusion** & skin tests in dia- 065502
wine by polyacrylamid **gel electrophoresis.** 063982
by polyacrylamide **gel electrophoresis** during 063994
Application of **food gelatin** in yoghurt prococ- 063503
cotton species on **polyacrylamide gel.** 068201
Phytoliths: Natural **silica gel.** 071736

GELATION
on swelling & **gelatinization behaviour** of la- 063814

GELECHIIDAE
Scrobipalpa Janse (**Lepidoptera, Gelechiidae**) 071124

GENERA
in Hiantia Bobr. section Trifolium L. **genus.** 067147
II. Notes concerning evolution of **genera.** 071117
of Dima, Penia, & Neocsikia new **genus.** 071294
Amazon, with further remarks on **genus** (H- 071317
Additional notes on **genus Acanthonycha** (C- 071341
Contribution to taxonomy of **genus Aconitum** 066635
inhabiting species of **genus Acyrthosiphon** 070796
Notes on **genus Adichosina** Villeneuve (Dipt- 071359
North America & a key to **genus Adrityla** (071202
South African microzetid **genus, Afrozetes** 071119
Cantharocybe, a new **genus** of **Agaricales.** 066740
relationships in grass **genera Agropyron** gac- 067890
Endemism in **genus Alchemilla** in Europe. 066703
taxonomic positions of **algal genus** Porphyri- 066761
insect: celery webworm & **allies, genus** Nom- 071149
Contribution to study of **genus Anaea** Hubn- 071213
Studies on **genus Anomala** Sam. (Coleoptera 071353
A new species of Dolichoderine **ant genus** 071317
Genus Argemone. I. Cytogenetic relationshi- 070867
comparisons of three **genera** of **Argentine** ca- 064281
European species of **genus Arhopalus** Serville 071212
techniques for bacteria of **genus Bacillus** Co- 071903
Fungi of **genus Botrytis** Micheli in Lithuania 066920
Description of a new **genus** of **calcareous** al- 066812
Description of a new **genus** of **cave** Thysanu- 071130
Studies in **genus Ceratium** Schrank with ref- 066723
of European species of **genus Cerodontha** R- 071299
Genera Chortastus Schaufuss & Serrastus N- 071326
Genus Crotalaria. XIII. Crobarbatine, a new 067571
A taxonomic revision of **genus Dasylepis** Ol- 066637
Genus Delitschia Awd. in Bulgaria. 066649
of European species of **genus Dichrogaster** 071185
Nearctic species of **genus Dolomedes** (Aran- 071196
of migration in bugs of **genus Dysdercus.** 070989
Biotaxonomical study of **genus Erodium** L' 066632
Genus Euparyphus in America north of Mex- 071210
lillooet-delcarata series of **genus Euxoa** (Lep- 071156
in delcarata group of **genus Euxoa,** a compu- 071157
Notes on **genus Exeretoneura** Macquart & i- 071332
within & between Lolium & **Festuca genera.** 067065
Polygamous species of **genus Galium** (Rubia- 066652
phylogenetic relationships in **grass genera** A- 067890
On taxonomy of Trichocladium **Harz genus** 066729
Genus Haylockia in Bolivia. 066784
A new species of **genus Henosepilachna** Li f- 071112
Mites of **genus Holoparasitus** Oudemans, 1 071125
Orchid **genera, illustrated.** XXXII. [Doritis] 066618
new species & two new **genera** of **Indian** Th- 071295
pupae of robber flies from **genus Laphystia** 071109
in grasses of Festuca & **Lolium genera.** III. 067148
polymorphism in **genus Lupinus** (Leguminos- 066633
cytogenetics of **genus Lycopersicon** Tourn. 067352
based on new **genus Maclurolyra.** 066799
A revision of **genus Macrothamnium** (Musci 066727
II. Description of Afro-**Malagasy genera** of 071327
Isogamus hologamy in **genus Mallomonas** P- 067015
Revision of **genus Mecinonota** Kraatz (Cole- 071217
Genus Menecles Stal (Hemiptera; Pentatom- 071223
Two new species of **genus Meoneura** Ronda- 071121
species of black-flies of **genus Metacnefia** C- 071352
A new South African **microzetid genus,** Afro- 071119
On **genus Molopopterus** Jac (Auchenorrhyn- 071115
species of Dolichoderine ant **genus Monacis** 071317
secretion in termites of **genus Nasutitermes** 070759
A new species of **genus Nemoura** (Plecoptera 071276
V. European species of **genus Nepticula** He- 070550
celery webworm & allies, **genus Nomophila** 071149
species now belonging to this **genus, notes** on 071214
An **orchid genus** new to Peru. [Porroglossum 066617
Orchid genera, illustrated. XXXII. [Doritis] 066618
fungi (Fungi imperfecti) of **genus Ovularia** 066663
European species of **genus Pachybrachys** Su- 071231
Laetulonthus, a new **genus** for **Philonthus** la- 071221
of oak Torticidae from **genera** of **Phytodietus,** 071230
characteritics of some **genera** of **Pieridae** (L- 071364
germinating pore in **genus Podospora** Ces. 066926
Homoptera, Cicadellidae). **genus Polana.** 071137
positions of algal **genus Porphyridium** Nageli 066761
Mites of **genus Pronematus** Canestrini (Acar- 071255
American species of **genus Pseudoboarmia** (071128
delimitation of **psilopezioid genera.** 066734
Differences in species within **genus Psyche** 071215
New species of **genus Psylla** (Homoptera, P- 071369
Orchids of Southeast Asia: **genus Robiquetia** 066614
New species of **genus Schwiebea** Ouds. (Aca- 071362
of some species of **genus Scrobipalpa** Janse 071124
Arbutin in some plants of **genus Sedum.** 067517
of potato species of **genus Solanum** L., secti- 067357
Systematic revision of **genus Sonchus** L. s.l. 066645
of a new **genus** & two new **species** (Homopt- 071150
Description of a new **genus** & a new **species** 071315
argiolus Emery (?), **genus** & **species** new in 071337
to study of **genus Stenochlaenius** Reitter. S- 071249
Pollen morphology of **genera** of **subtribe** H- 066686

Cytotaxonomic study of **genus Symphytum** 066636
Subfamily Taxoideae, tribe **Taxeae, genera** 069133
Notes on taxonomy of **genera of tribe** Soph- 066744
on Pteronemobius & a new **genus of tribe** P- 071155
A review of **genus Trichodura** Macquart (Di- 071134
A new species of **genus Trigonopselaphus** G- 071214
nivella (Fab.) in **genus Tryporyza** Common 071291
Genus Tydeus (Acariformes, Tydeidae) in m- 071365
in native ester alkaloids of **genus Veratrum.** 067502
A revision of **genus Winthemia** Robineau-De- 071135
Mexico, with a key to New **World genera &** 071210
A revision of **genus Zyras** Stephens (Coleop- 071330

GENERATION

ethylmetansulfonate on **beans** in **generation** 067381
heterotic effect in F1 **generation** of **eggplant** 067384
characteristics of **first generation** Friza X B- 065144
characteristics of tobacco in **first-generation** 067364
Generative function of ovaries of Askania-N- 065167
concentrate in five **generations** of **mice.** [H- 063265
Biology of development of **generative rose** b- 067009
IV. Effects on yields of **second generation** in 067799
Economic importance of **second generation** 070485
Role of **generative selection** when creating 067373
on grain quality of **succeeding generations.** 068023
characters in **successive generations** in maize 067127

GENERIC

Generic endemism of mycoflora in Kazakhst- 066730
II. Investigations on **intergeneric hybrids.** 067065

GENES

genetics analysis of new sources of **ba1 gene** 067374
Gene centers of peanuts of soybeans. 067380
Pleiotropic effects of **genes controlling** repr- 067080
relationships for **genes controlling** metrical 067167
in tobacco. I. Analysis of **gene controlling** r- 067298
Mechanism of **gene conversion** in Ascobolus 067309
Induction of **gene conversion** in yeast by he- 067313
Genes for **cytoplasmic** ribosomal ribonucleic 067333
of expression of a **gene** in **different** types of 067363
Gene frequencies in stray cat populations fr- 064983
Study on distribution of **gene Gas** in lines & 067141
frequency of duck **haemoglobin genes.** 065049
Mitotic intragenic recombination as a conse- 067307
Genic mutations with visible effect in Swiss 064942
reference to problem of **pleiotropic gene** act- 065096
of total sterility effect linked to **polled gene** 064943
Gene for low **reaction** to puccinia graminis t- 067116
Differentiation of **resistance genes** at Ml-a-l- 067128
studies in Oryza sativa L. **[Rice, genes].** 067270
Segretation of **genes** in **Sordaria** brevicollis. 067154
into distribution of **transferrin genes** in catt- 064982
Genes with **visible** effect: Association with e- 064944

GENESIS

Genesis & classification of some soils from 071890
Genesis & classification of some soils from 071892
of micromorphology & **genesis** of **loess-paleo-** 071960
Microspore genesis in Juncus & Luzula. 067002
implications for tree nutrition **& soil genesis** 068581

GENETICS

of double muscled syndrome. I. **Genetics.** [C- 065110
Camellia spp. (omitting breeding & **genetics** 068311
Genetics for **agriculture.** [Plants, livestock]. 065094
Genetic analysis of preweaning & postweani- 065010
Genetic analysis of regulator mutation trp-2 067086
in Podospora anserina. II. **Genetic analysis** 067149
Genetic analysis in micro-organisma. [Fungi 067303
Phenotypic description & **genetics analysis** 067374
Genetic analysis of DDT resistance in house- 070654
Genetics of apospory in Ranunculus aurico- 067346
Genetical aspect of beta-amylase activities in 067078
Phenotypic & **genetic associations** between 065000
Genetic basis for potato breeding for resista- 067227
Genetic & breeding evaluation of plus stands 066350
Genetic conservation in Hungary. [Plants]. 067327
Studies on **genetic control** of a nitrogenase 067325
in Peppin Merinos **genetically different** fo- 065000
distance to measure **genetic divergence** in d- 067123
of plants: a review. III. **Ecological genetics** 062800
A re-examination of **genetic effects** of optical 067312
Genetics of **electrophoretic** variants in Avena 067289
Genetic & environmental variability in some 067135
irradiation in order to **establish genetic** vari- 067201
Genetical evidence on life-history of Phytop- 067088
Genetic evidence for a polycistronic unit of 067149
Genetical evidence on life-history of Phytop- 069264
Hybridism & **experimental genetics** in termi- 071020
Share of **genetic factors** of host plants on s- 067345
Genetics of **flowering** time in Raphanus sati- 067324
Genetics of **fore &** hindwing colour in crosses 070955
Genetic & functional organization of chrom- 067383
Genetic heterogeneity of "albinos" mutation 070776
Genetic improvement of dairy cattle. 065147
Genetic improvement of west coast tall pal- 067100
On **genetical incompatibility** between wheat 067370
Union Plant Breeding **& Genetics Institute** 067216
wheat applicable in **genetical investigations.** 067378
s generalized distance to **measure genetic** di- 067123
types in Peppin **Merinos genetically** differe- 065000
Genetics of **morphological** & economically v- 067209
Use of **genetic parameters** in cattle selection 065195
Heritabilities of & **genetic & phenotypic** cor- 065009
Genetics & plant breeding in German Demo- 067337
Genetics of **polyploid** species of potatoes. 067212
Population genetics in American tropics. VI- 070866
ability & other **genetic properties** of inbred 067349
Basic **rabbit genetics.** 064968
of plant collections. **[Genetic resources,** ger- 067326
Genetic resources in pistachio. 067328
Genetics of **rose,** an allele of white locus in 070912
Physiological & **genetic sensitivity** to radioa- 067174
Genetic signal traits of winter wheat varieti- 067387
Genetic stability of quantitative characters in 067127
Genetic studies on beta-amylase isozymes of 067153
Promising trends in **genetic studies.** [Plants] 067348
Genetical study of blood groups in two avian 066416
Introduction to **genetic study** of Mascarocof- 067091
Genetic study of green coloring in larvae & 071008
Genetic study of same rendzina soils from 071739
Genetics of **traits** of winter wheat grain qual- 067217
development of a **genetic tumour** of pea. 067027
Genetics of **tye** Secale cereale L.) XI. Inher- 067358
in order to establish **genetic variability** of c- 067201
resistance to diseases & **genetic variability** in 067343
in subtropical grasses: iI. **Genetic variation** 064598
Genetics of **variation** in Botryotinia squamo- 067315

GENITALS

I. Development of **female genital** organ & o- 070301
Endoscopic observations of teh **inner genital** 065237
Nepticulidae) ;study of **genitalia morphology** 070967
indices for evaluation of **genital organ** in bul- 065176
Tumors of **genital organs** in domestic anima- 065940
to morphology of **genital organs** of aphids 071078

GENOMES

Mitotic **activity, genome** & chromosome var- 067048
transfected with **genome** of **ranikhet** disease 065509
Genome relationships in Arachis. [Peanuts] 067323
Bovine mycoplasmas: **genome size** & base c- 065524
expression of bluetongue **virus genome.** 065826

GENOTYPES

Phenotypic & **genotypic correlations** & coeff- 065192
Genotypic differences in in vitro formation of 068052
in connection with **genotypic differences** in 068333
Genotype-environment interaction in sheep. 063614
Effect of **genotype & environment** on fromat- 064928
Genotype-environment interaction in sheep. 065007
Genotype X environment interactions in beef 065008
common action of **genotype & environment** 065067
sativus L. II. **Genotype-environment** interac- 067324
Interactions between **genotype & fattening** 064872
Probable genotype of some Triticum aestiv- 067109
predictions of **genotypic relationships** among 067119
enzymatic activities with **genotypes** of **self-** 067090
Genotypical structure of a panmictically mu- 067077
Estimate of **genotypic value:** a proposed me- 067122
Determination of **genotype** of **various** popul- 065095

GENTIANACEAE

research in leaves of **Gentiana bavarica** 1. P- 067541

GENUS

SEE GENERA

GEOBOTANY

Geobotanical foundations of Middle East. 066677
Report on **Geobotanical Institute** at Federal 066603

GEOCHEMISTRY

Effect of **geochemical conditions** of environ- 067806

GEOGRAPHY

Agricultural geography]. 062203
under varying **geographical conditions.** 067807
distributions of **geographically different** pop- 070977
of development in **different geographic** popu- 071103
of fauna & **geographical distribution** of gad f- 071366
Calliphorinae) from **Ethiopian geographical** 071358
Geographic list of members of Interamerican 062157
Taxonomy & **geography** of **potato** species. 066681
Hybridization between **geographical races** of 070784
Geographic variation in resistance to white 070529

GEOMETRIDAE

of Chesias (Lepidoptera: **Geometridae).** 070944
of North America (Lepidoptera: **geometridae)** 071153
in Germany **(Lepidoptera, Geometridae).** 071188

GEOPHILOMORPHA

New species of **Geophilomorpha** in **fauna** of 071164

GEOTRICHUM

aid for regulatory officials. **[Geotrichum].** 063087

GEOTROPISM

Geotropic curvatures in roots of cress (Lepi- 067020
of radicular apex in **growth, geotropism &** a- 068149
of axial organs during **geotropic reaction** of 067403

GERANIACEAE

Biotaxonomical study of **genus Erodium** L' 066632

GERANIUMS

compounds of **Geranium collinum.** IV. 068304
Geraniums in **Florida.** [Pelargonium hortor- 068990
zdravetz **(Geranium macrorrhizum** L.) oil. 067557
Oedema on **geraniums--a review.** 069790

GERBILS

activity of wild rabbit **& Mongolian gerbil.** 064581

GERMINATION

molybdenum & vanadium during **germination.** 068327
on some varieties of beans. **[Germination].** 068492
Ascospore germinating pore in genus Podos- 066926
characteristics & **germinability** of **barley** gra- 063813
in first leaf meristem of **germinating barley** 068061
Germination of **basidiospores** of Fomes appl- 066519
Seed storage & **germination** of **black** poplar. 068526
bean seeds. III. **Germinated & blanched** bro- 063965
endosperm of **germinating castorbeans.** 067768
Construction of an **electric germinator.** [Pa- 067744
barley seeds on their **field germination &** m- 067371
Influence of **germination & growing** tempera- 068240
Effect of salinity on **germination & growth** of 067835
Effects of aflatoxin on **germination & growth** 068256
Effect of salinity on **germination & growth** of 071914
Induction of **germination** of **impermeable** co- 067956
gibberellins **& germination inhibitors** during 068545
activity during **germination & maturation** of 068347
Simple **germination methods** for rice seed. 2 068615
materials in endosperm of **germinating oat** 068120
Fertility **& germinability** of seven **parents** of 067125
of nutrition to **germination & pathogenicity** 069353
proteases in cotyledons of **germinating peas** 068451
Germination periodicity, plant survival & se- 067462
cotyledon to axis in **germinating Phaseolus** 068245
Germination of **Pinus** aristata Engelm. 068540
on variability & **germination** of **pollen** of so- 068496
metabolism during pine **pollen germination.** 068578
On **pollen germination** of some species of A- 068604
Ascospore **germinating pore** in genus Podos- 066926
in soil or in culture **regarding germination** s- 069477
Effect of arctiine on **germination,** on **root** ti- 067394
On biology of **seed germination** of Ammode- 067408
smoke condensate on **seed germination** of hi- 067563
of temperature & light on **seed germination** 067728
exudates on Orobanche **seed germination.** 067874
Stimulation of lettuce **seed germination** at h- 068252
Stimulation of celery **seed germination** with 068290
Lettuce **seed germination:** reversal of salinity 068316
possibilities for enhancing **seed germination.** 070018
regulatory chemicals on **seed germination.** 070102
Effect of chemicals on **seed germination** of 070158
during growth & **germination** of **seed.** [Cast- 067828
induced changes in **germination, seedling** vi- 067914
on ribonuclease activity in **germinating seeds.** 068007
of soil density on **germination** of **seeds** of gr- 068193
Simple germination methods for rice seed. 2 068615
Germination of three **spore** forms of Mamm- 067461
Starting germination of potatoes in a tool w- 071471
culture regarding **germination stimulation** by 069477
Symbiotic germination of some Australian t- 068414
Residual effects of **germination temperature** 067971
Germination testing of Mentha peperita (pe- 067428
Physiology of **germination** of **Tilletia** teliosp- 069502
of Papaver dubium. Vii. **Germination time.** 067168
Germinating uredospores of Puccinia gramin- 069414
peroxidase isoenzymes in **wheat germination** 067887
Germination of three **woody** ornamentals in 068227

GERMPLASM

to "tikka" leaf-spot in **groundnut germplasm** 069351
collections. [Genetic **resources, germplasm].** 067326

GERMS

in Drosophila melanogaster **germ cells.** I. D- 070869
Chicken germ resources--origin & developm- 065060
degrees C) on total **germ count** & on coli gr- 063185
on moisture content & total **germ count** in d- 063654
degrees C) on total **germ count** & on coli gr- 063656
possibilities of application of **germ-free** met- 064163
Size of **seed germ** & endosperm in Fo hybri- 067361

GERRIDAE

bivoltine pondskaters **(Hemiptera, Gerridae]** 070833

GESNERIACEAE

African violets. **[Saintpaulia, culture].** 068991
African-violet. **[Saintpaulia ionantha].** 069123

GESTATION

in dairy cows from calving to **gestation.** 064428
their foetuses in last third of **gestation.** 064924

GIBBERELLIC

Effect of **gibberellic acid** on amount of alkal- 067712
Effects of **gibberellic acid &** an inhibitor of 068522
of osmotic water stress **& gibberellic acid** on 068525
Effects of **gibberellic acid** on yield & precoci- 069136

in endogenous **cytokinins, gibberellins** & ge- 068545
Effects of **gibberellin** A-3 on **dimorphic** bran- 067772
Changes of **endogenous gibberellins** in rice p- 067947
arabica L. I. Studies of **gibberellin** in **flower** 067669
of light & **gibberellin** on **growth** of barley se- 068151
system for study of **gibberellin-induced** enz- 068109
Action of **gibberellin** on gamma-**irradiated** b- 068142
response to **gibberellin** A3 & **photoperiod.** 067480
Effect of chilling & **gibberellin spray** on ros- 068305
Gibberellin-like substances from Norway sp- 068577
Gibberellin treatment for planting stock of 068589

GILPINIA
sawflies Diprion pini L. & **Gilpinia pallida** 070551

GILTS
SEE SWINE

GIN
Optimum size **cotton gin** as related to asse- 062567
Cotton gin operating costs in Blacklands of 062588
Evolution of **cotton ginning** in southeastern 063733

GINKGO
effect of some plant extracts. [**Ginkgo biloba** 070279

GINSENG
marketing of Panax roots (**ginseng**) around 062727

GLACIAL
Late **glacial plants** & plant communities in 066621

GLADIOLUS
significance of spray irrigation for **Gladiolus** 068385
There is gold in **gladiolus.** [Culture]. 069073

GLANDS
Role of maternal **adrenal glands** in estrogen 064939
Volatile Dufour's **gland components** of harv- 070928
of function of **endocrine glands.** [Laboratory 064249
relationship among certain **endocrine glands** 064369
On chemical composition of **frontal gland** se- 070759
Frontal gland of Schedorhinotermes putorius 070891
on functioning of kidneys & **lactic gland.** [G- 064508
action on myometrium & **mammary gland.** 064250
Morphology of **mammary gland.** 064378
of development of **mammary gland** & milk f- 064380
in treating disorders of **mammary glands.** [065294
aplasia & hypoplasia of **mammary gland** tis- 065979
of connective tissue of **mammary gland** in c- 065980
Milk formation in **milk gland** of cow. 064473
Experimental infection of **milk gland** of cows 065474
tests for health evaluation of **milk gland** in 065885
from chick anterior **pituitary glands** by thro- 064311
study of effect on **prothoracic gland** of two 070856
with an unusual solubility in **salivary glands** 070757
of puffing activity in **salivary glands** of Dro- 071071
composition of frontal **gland secretion** in te- 070759
metabolism in bovine thyroid **gland slices.** 064328
changes of some **glands** in **spontaneously** m- 064402
Sexual dimorphism in **submaxillary gland** of 065026
Histological characteristic of **thyroid glands** 064261
Caryometric analysis of **thyroid glands** in pi- 064263
metabolism in bovine **thyroid gland** slices. 064328
hypoplasia of mammary **gland tissues** in co- 065979

GLASS
vegetables packed in boxes & **glasses.** 063891
experiments with tomatoes under **glass.** 068356
Water garden under **glass.** 068967
Rheology of steel-& **glass-fibre** reinforced b- 066472
Beef production under **magnifying glass.** 063016
vegetable growing under **glass** & **plastic** cov- 069017

GLASSHOUSES
SEE GREENHOUSES

GLEYING
Acid **illuvial-gley** soils of West Siberian Mi- 071878

GLIADIN
SEE PROLAMIN

GLISCHROCHILUS
Glischrochilus quadrisignatus (Say), a new 071237

GLOBULES
of surface of bovine milk **fat globule** membr- 064322
of specific granules of **intestinal globule** leu- 064255

GLOBULINS
colorstrum gamma-**globulins** in **cases** of Esc- 065703
studies of ocine gamma G **globulins isolated** 064267

GLOEOSPORIUM
SEE MELANCONIACEAE

GLOMERELLA
fungi. [Gloeosporium, **Glomerella cingulata**] 069292

GLOSSINA
flight muscle in adult tsetse **flies, Glossina** 070920
water excretion by tsetse **fly, Glossina** mors- 070922
infection rates of **Glossina pallidipes** in La- 070659
relative attractiveness to **Glossina pallidipes** 070660
feeding habits of **glossina pallidipes** in Lam- 070661

GLUCANS
A hemicellulosic beta-D-**glucan** from **maize** 067935
Regulation of beta-**glucan synthetase** activity 068440
Regulation of beta-**glucan synthetase** activity 068441

GLUCOCORTICOIDS
hormone, **prolactin, glucocorticoid,** & proges- 064428

GLUCONATE
degradation of **gluconate** by **Aspergillus** niger 067633

GLUCONIC
Effect of **gluconic acid** & parachloromercuri- 068500

GLUCOSAMINE
N-acetyl-D-**glucosamine metabolism** in bovi- 064328

GLUCOSES
pyruvic acids, of **glucose** & on **alkaline** reser- 064244
experimental animals. II. **Glucose** in **blood** 064568
nucleotide-dependent **glucose dehydrogenase** 067630
Reversible 2-deoxy-D-**glucose effect** of repre- 067843
green plants. II. Effect of **exogenous glucose** 067573
Fluorescent products in a **glucose-glycine** br- 063390
Effect of various sugars on **hepatic glucose-6** 064437
crystallization of **glucose** with **intermediate** 063805
Transport of glycine, 3-o-**methyl glucose** & 064397
non-metabolized sugar 3-O-**methyl glucose** 067667
Two isoenzymes each of **glucose-6-phosphate** 068257
plastid transformation in **glucose stimulated** 067572

GLUCOSIDASES
alkaline phosphatase & beta-**glucosidase.** [P- 067457
of alpha & beta **glucosidase** in **root** tip. [Co- 067915

GLUCOSIDES
A quinol **glucoside isolated** from Cornus spe- 068213

GLUE
studies on joints with **glued plywood** gussets 066455

GLUMES
resistance to rusts & **glume pubescence** whe- 067268

GLUTAMATE
of sythesis of **glutamate dehydrogenase** in e- 068286
properties of **glutamate dehydrogenase** from 068319

GLUTAMIC
fruits. III. Metabolism of **glutamic acid** & g- 063971
Glutamic acid (GA) in disorders of spermat- 065177
between decarboxylation of **glutamic acid** & 067964
by exogenous L-aspartic & L-**glutamic acids** 068286
multiple forms of **glutamic dehydrogenase** in 068131
specific **glutamic dehydrogenase** in shoots of 068463

GLUTAMINE
Changes in **glutamine synthetase** activity du- 068347

GLUTARALDEHYDE
from rice leaves using **glutaraldehyde.** 068155

GLUTATHIONE
Influence of addition of **reduced glutathione** 065040

GLUTELIN
Glutenin-- strength protein of wheat flour. 063707

GLUTEN
Rationale for baking wheat-, **gluten-, egg-,** & 063301
Practical gluten structure control. [Breadm- 063711
soya bean meal, horse beans & **wheat gluten** 064635

GLYCERALDEHYDE
NADP+-**dependent glyceraldehyde**-3-phosp- 068095
fractions on **glyceraldehyde-3-phosphate** de- 063681

GLYCERATE
Conversion of **glycerate** into **pyruvate** by Ch- 067726

GLYCERIDES
fatty acid methyl esters & **glycerides.** [Oils, 063468
dietary copper on **glyceride distribution** in 064656
Studies on **glyceride structure** of fats. II. C- 063410
Glyceridic structure of Canbra oil. [Rape oil 063786

GLYCERIN
Rapid method for **determining glycerine** & 2 064004
optimum duration for **glycerine treatment** of 065084

GLYCEROL
Glycerol interference in determination of cr- 063583
Glycerol & organic acids of malt. [Barley]. 063782

GLYCEROPHOSPHATE
milk enriched with **iron glycerophosphate.** 063227

GLYCINES
products in a **glucose-glycine browning** react- 063390
vulgare) & soybeans (**Glycine hipsida**) under 068185
suspension cultures of soybean (**Glycine max**) 067912
in yield trails of soybean (**Glycine max** (L.) 068725
Transport of **glycine,** 3-o-**methyl** glucose & 064397
to raffinose carbon & **glycine nitrogen** in Cz- 067592
Studies on **glycine-percolated** soil. IV. Fract- 071910

GLYCOALKALOIDS
increase of content of **steroid glycoalkaloids** 063997

GLYCOGEN
Cytochemical studies on **glycogen contents** in 065359
concentration of **glycogen** in **embryonic** liver 064507
amines on **glycogen metabolism** in nerve-cord 070889
site of rabbit **muscle glycogen** phosphorylase 064317
site of rabbit **muscle glycogen** phosphorylase 064318

GLYCOL
determining glycerine & 2,3-**butylene glycol** 064004
with use of tritiated **polyethylene glycol** as 064416
by extraction with **triethylene glycol.** 064067

GLYCOLATE
of 2 types of reaction in **glycolate formation** 068354
net photosynthesis & **glycolate metabolism** 067415
concerned with **glycollate metabolsim** in gre- 068391
blue light on activity of **glycolate oxidase** & 067998

GLYCOLYSIS
in growing cells: **glycolytic enzymes** in corn 068159
leaf. II. Changes in **glycolytic metabolite** le- 068116

GLYCOPROTEINS
Glycoprotein biosynthesis. LvI. Regulation 064328

GLYCOSAMINOGLYCAN
studies on **glycosaminoglycan** & **lipid** metab- 064395

GLYCOSIDES
Glycosides of **leaves** of Eleutherococcus sent- 067525
Luteolin glycosides in some plants of family 067512
Triterpene glycosides of Gypsophilla trichot- 067500
Triterpene glycosides of Gleditschia triacan- 067521
Triterpene glycosides of Ladyginia bucharica 067524

GLYCYRRHIZA
SEE LEGUMINOSAE

GLYOXYLATE
oxidase & **glyoxylate aminotransferases** in b- 067998

GMELINA
SEE VERBENACEAE

GNETACEAE
Pollen of **Ephedra, Welwitschia** & Gnetum. 067003

GNOMONIACEAE
physiological studies of **Gnomonia comari** K- 066797

GNOTOBIOTICS
adenoor enterovirus in **gnotobiotic piglets.** 065521

GOATS
cord of domesticated & wild sheep & **goats.** 064270
in rate of milk secretion in **goats.** 064442
of kidneys & lactic gland. [**Goats**]. 064508
induced rumination in sheep & **goats.** 064521
of forestomachs in cattle, sheep & **goats.** II. 064553
of forestomachs in cattle sheep & **goats.** III. 064554
of some southern browse tissues. [**Goats**]. 064741
of kidneys & lactic gland. [**Goats**]. 064845
effect linked to polled gene P in he-**goats.** 064943
of Staphylococcus sp. isolated from **goats.** 1. 065705
Sore mouth in sheep & **goats.** 065759
mohair characteristics. [**Angora goats**]. 064562
acid by rumen epithelium of **Betal goats** in 064397
female progeny from a he-**goat carrying** cen- 064946
Goat cheese confirms its noble origins. 063571
of nitrogen 15 in body of **goats,** in **contents** 064632
in response to milking in **goat** during **early** 064432
tissues of preruminant animals. [**Goats, kids** 064501
growth hormone in blood of **goat** at **milking** 064433
of extremities in **goats** during **postnatal** life 064467
anatomical adaptation of **kids** after **removal** 064430
lack of effect of low doses. [**Saanen goats**]. 064434
rapid-eye-movement] sleep in **goats** & **sheep** 064520
effect of protamine in **goats** & **sheep.** 064569

GOLD
There is **gold** in **gladiolus.** [Culture]. 069073
Golden jubilee of Polish Society of Animal 064190
from food & from water by **golden shiner** m- 070731

GONADS
Pituitary & **gonadal hormones** associated wi- 065014
administration of **gonadotrophin-releasing** h- 064350

GOOSEBERRIES
bush management studies on **gooseberries.** 068975
annual weeds in **blackcurrants, gooseberries,** 070092
Chinese gooseberry. [Actinidia chinensis, c- 063928

GOSSYPIUM
SEE MALVACEAE

GOURDS
potassium & sodium in root tissues. [**Gourds** 068482
processes in isolated cotyledons of **gourd.** 068484
Gourds & calico corn. 069107
Charcoal rot of **ridge-gourd:** a pycnidial stra- 069378

GOVERNMENT
to a discussion on position of **governments** in 062630
Some **factors governing** mycelial establishm- 069316
Session of **Intergovernmental Group** on Oil- 063340
of Fifth Session of **Intergovernmental Group** 063727
respective roles of **government & industry.** 070025
respective roles of **government & industry:** i- 070026
boards, & role of **government** in **marketing.** 062764
Report to **Government** of **Morocco** on a stu- 072255
Is **government** making **most** of support for 062947
Report to **government** of **Nigeria** on aspects 066195
Government participation in livestock mark- 062906
Government participation in livestock mark- 062907
decision-making in a **government research** o- 066312
Government is **searching** for solutions to ach- 062853
Regional **self-government** & forestry policy. 066208
Report ot he **government** of **Thailand** on wa- 066090

GRACILARIA
red alga Holmsella. [**Gracilaria verrucosa,** 067012

GRACILARIIDAE
in Manitoba (Lepidoptera: **Gracillariidae).** 070779

GRADIENTS
Use of **dextran-40 gradients** for separation of 068457
measurements of carbon **dioxide gradients** in 067743
Phycitidae) in **gradient environments.** [Nige- 070977
cerrado vegetation: a **fertility gradient.** 066854
movement in soil due to a **moisture gradient** 071803
movement under **temperature gradients.** 071758

GRADING
Grades (standards) of wheat & rye grain. [F- 063156
method to measure **bacteriological grade** of 063544
Response of rice to **graded doses** of phospho- 072085
Triticum aestivum L.) to **graded doses** of P 072105
Grades for **evaluating** grey mildew caused by 069347
Summary & analysis of Ohio **graded feeder** 062659
Requirements for **industrial grades** of fruit, 063940
Green **lumber grade** yields for subfactory cl- 066555
fruit weight & quality in **graded & mixed** pl- 068491
carrots by washing. **Grading, & postharvest** 069282
trade with regard to **grading problems.** 063100
Effect of **seedling grade** on survival & growth 068598

GRAFTING
with Blaufrankish grape variety. [**Grafting]** 069088
Is **additional grafting** necessary today? [Fru- 069099
associated with **grafting** of **healthy** & virus-i- 068243
Effect of origin of **grafting material** on proc- 068495
On **grafting** non-**viral** meristems of potatoes 069060

GRAFTS
Central inlay **bone graft** for correction of ra- 065219
Inheritance of **graft compatibility** in Douglas 066318
On problem of coalescence of **grape grafts.** 069145
Production of **graft materials** in Yugoslavia. 069193
at juvenile age of inverted **radicle grafts** of 068592
supply of tree nurseries with **graft rootstocks** 069015

GRAINS
bad points of direct purchasing. [**Grain].** 062754
Storage losses prevention. [**Grain].** 063365
storage with regard to residue tests. [**Grain]** 063703
grinding of different laboratory mills. [**Grain]** 063705
feeding of lambs with diets based on **grain.** I 064643
genotypic value: a proposed method. [**Grain]** 067122
an important trait of a variety. [**Grain].** 068034
of germinating oat (Avena sativa L.) **grains.** 068120
Spring soil working & sowing. [**Grain].** 068806
for control of damage by queleas. [**Grain].** 069892
from weed control experiments in **grain.** 070128
following gamma irradiation. [**grain].** 070582
of fertilizers in Volgograd Region. [**Grain].** 072073
Newer methods of protection **against grain** 070583
Acid-treated **grains aid** storing, handling & f- 064828
of larvae & pupae of **angoumois grain** moth, 070884
of food quality on **angoumois grain** moth (Si- 070896
Occurrence of Indian **grain aphid,** Macrosip- 070346
including control of English **grain aphid.** [S- 070386
germinability of **barley grains.** I. 063813
in mice treated with extracts of **barley grain** 066006
on locomotory behavior of rusty **grain beetle** 070573
of eggs & imago of sawtoothed **grain beetle** 070586
Canadian grain standards & wheat export m- 062724
quality of threshing maize for **grain** in **case** 071704
cultivars according to **grain characters.** 067057
in vertical exhaust canals of **grain cleaners.** 071676
with vibrating screens in **grain cleaning** ma- 071688
seed treatment for small **grains cooperative** 070591
Triatment of **corn grain** with propionic acid 064105
More **corn, grain** & mixed feed in livestock 064757
molybdate on yield & quality of **corn grain.** 068064
Broadcasting of **grain** with **coulters** fed pne- 071569
Prospects for 1973 USSR **grain crop** impro- 062673
Grain crop uptake of nutrients in various soil 067882
Ratio between **grain crop** yields by soil-agro- 072121
Fertilization of **grain crop.** 072140
on germination of seeds of **grain crops.** 068193
agronomic techniques for **grain crops** in Vol- 068715
Means of increasing yields of **grain crops** on 068717
measures for weed control in **grain crops** of 070145
on germination of seeds of **grain crops.** 071938
utilization of fertilizers on **grain crops** in ar- 072071
for obtaining high yields of **grain crops** on p- 072129
Irrigation norms for **grain crops** in Volga re- 072400
on weed control in different **grain cultivars.** 070234
Crop dynamics & profitable **grain cultivation** 068893
results of weed control in **grain culture.** 070115
Leptohylemyia coarcata in **grain culture.** 070325
changes in winter wheat **grain damaged** by 070334
on weed control in **different grain** cultivars. 070234
note on effect of thickness & **grain direction** 066485
Day of study on control of **grain diseases.** [069540
Disinfecting grain with malathion. [Storage 069923
consider in selection of new **grain drier.** 071561
Comparison of **grain drills** at different seedi- 068648
"elita," a two-**drum grain** harvesting combine 071681
Performance of 2-dwarf & 3-**dwarf grain** sor- 068654
Grain economy in Canada. [Foreign trade] 062739
were prices paid by state **grain elevators** & 062753
Abnormal occurrence of **empty grains** of ind- 069774
grain, including control of **English grain** aph- 070386
Optimizing **grain farming** & improving profi- 062592
Production & **feed grain** utilization balances 062943
on dry matter production & **grain fertility** of 067943
Control of Agropyron repens in **grain fields.** 070121
of nitrogen fertilization on **grain, flour** & br- 068689
Flavor quality of various **grain flours** & oils- 063127
water consumption of **grain & forage** crops in 072405
processing & storing of **grains** in **foreign** co- 071628
Toxicity & residue of some **grain fumigants** 063046
Cost of storing & **handling grain** & controlli- 062587
Directory of **grain handling** firms in Kentuc- 062716
1972 **Grain harvest** in Soviet Union far und- 062967
"elita," a two-drum **grain harvesting** combine 071681
High grain ration finishing can cause digest- 065922
Means of breeding wheat for **high grain** qual- 068624
AKS-618, a new **hybrid grain** sorghum. 068654
Some procedures for **improving grain** quality 068699
increasing yield capacity & **improving grain** 068703
Improving grain quality of strong & hard w- 068712
Greenbugs on small **grain, including** control 070386
Breeding spring wheat for **increasing grain** 067214
of correct crop rotation for **increasing grain** 068716
Occurrence of **Indian grain** aphid, Macrosip- 070346
with extracts of barley **grain infected** with 066006
X-ray inspection of **grain** for **insect** infestati- 070568
Report on 1972 **Kansas grain** sorghum perfo- 068749
of application of insecticides on **grain losse** 070341
for production of **grain & maize** pellets. 064057
Apparent digestibility of **maize grain** when g- 064725
Quality of **grain & malt** of winter barley var- 063689
is not technical progress in **grain milling.** 063783
of centrifugal separators of **grain mixes.** 071698
method for measurement of **grain moisture** 063749
on yield & quality of **grain** in **Moldavia.** 067880
High **mositure grain** sorghum preserved with 064849
of larvae & pupae of angoumois **grain moth,** 070884
of food quality on angoumois **grain moth** (Si- 070896
Nebraska grain sorghum performance tests 068783
India short of edible **oil, grain.** 062664
Optimizing grain farming & improving profi- 062592
prebored lead holes, & **grain orientation** on 066550
survival, & fecundity. [Stored **grain, pests].** 070571
methods of protection against **grain pests.** 070583
Study of gametogenesis in **pollen grains** of 067375
formation from immature **pollen grain.** I. Re- 068062
Economic effectiveness of **grain production** 062528
crop rotation for increasing **grain production** 068716
tests in mill laboratories. [**Grain products,** 063037
attacking stored grain & **grain products** in 070575
tests in mill laboratories. [**Grain products,** 070671
Crop dynamics & **profitable grain** cultivation 068893
improving quality of wheat **grain protein.** 068030
fertility levels & sorghum **grain protein.** 072094
Study of **grain quality** of winter-& spring w- 067213
spring wheat for increasing **grain quality** co- 067214
of traits of winter wheat **grain quality.** 067217
basis for breeding wheat for **grain quality.** 067218
of breeding wheat for high **grain quality.** 067219
wheat varieties with high-**quality grain.** 067220
of winter wheat & their **grain quality.** [Bree- 067221
Study of inheriting of indices of **grain quality** 067223
varieties, & aftereffect on **grain quality** of s- 068023
ways of improving wheat **grain quality.** 068695
measures for improving wheat **grain quality** 068697
Some procedures for improving **grain quality** 068699
progress in improving wheat **grain quality** u- 068700
Grain quality of irrigated winter wheat in s- 068702
yield capacity & improving **grain quality** of 068703
Spring wheat **grain quality** in cis-Ural region 068704
Improving **grain quality** of strong & hard w- 068712
High **grain ration** finishing can cause digest- 065922
Macrominerals in **raw grain** used in mixed f- 064096
Means of creating (at **grain receiving** statio- 063741
Avena fatua L. in cultivation of **grain results** 070130
on locomotory behavior of **rusty grain** beetle 070573
Grades (standards) of wheat & **rye grain.** [F- 063156
of eggs & imago of **sawtoothed grain** beetle 070586
residual values; effects on **grain sector.** 063704
Study of process of drying **seed grain** in a r- 063846
Pneumatic feeding of **grain** in **seed** drills. 071565
1972 texas **small grains** statistics. 062812
for illustrating pedigrees of **small grain** vari- 067132
Kentucky **small grain** variety trials: 1972. [068751
Nebraska spring **small grain** variety tests, 1 068782
Pest control in forage **& small grains:** weeds 069744
Greenbugs on **small grain,** including control 070386
peas & seed treatment for **small grains** coop- 070591
digestibility of phosphorus in **sorghum grain** 064732
High mositure **grain sorghum** preserved with 064849
Evaluation of corn & **grain sorghum** rations 064851
way & single crosses of **grain sorghum.** 067113
Physiologic maturity in **grain sorghum.** 067958
water requirement for **grain sorghum** produc- 068180
AKS-618, a new hybrid **grain sorghum.** 068624
of 2-dwarf & 3-dwarf **grain sorghum** hybrids 068654
Report on 1972 Kansas **grain sorghum** perfo- 068749
Grain sorghum hybrid tests, 1972. 068768
Nebraska **grain sorghum** performance tests 068783
WGF [wild game feed], a **grain sorghum** for 068797
Bushel weight of **sorghum grain.** 068814
Preseason irrigation for **grain sorghum.** 072363
soil nitrogen fertility levels & **sorghum grain** 072094
Soil tillage & **grain sowing.** [Equipment]. 071573
Production types of **specialized grain** & catt- 062381
Canadian **grain standards** & wheat export m- 062724
Hydrolysis of intact leaf **starch grains** by gl- 067596
What were prices paid by **state grain** elevat- 062753
1972 texas small **grains statistics.** 062812
hatching, survival, & fecundity. [**Stored grain,** 070571
detect beetles (Coleoptera) in **stored grain.** 070572
Lepidopterous larvae attacking **stored grain** 070575
Control of insects attacking **stored grain &** 070591
Acid-**treated grains** aid storing, handling & f- 064828
Prospects for 1973 **USSR grain** crop impro- 062673
Production & feed **grain utilization** balances 062943
pedigrees of small **grain varieties** for compu- 067132
Popularity of new **grain variety** spreads rap- 068684
Kentucky small **grain variety** trials: 1972. [068751
Nebraska spring small **grain variety** tests, 1 068782
Flavor quality of **various grain** flours & oils- 063127
of airflow & streams of **grain** in **vertical** exh- 071676
changes of proteins of **wheat grain** during d- 063780
of beta-amylase activities in **wheat grain.** 067078
Genetics of traits of winter **wheat grain** qual- 067217
amino acids in soft **wheat grain** in cases of i- 067222
on properties of starch in **wheat grains.** 067988
of protein accumulation in **wheat grain.** 068024
amounts & improving quality of **wheat grain** 068030
Embryoless **wheat grain.** A natural system f- 068109
Primary ways of improving **wheat grain** qual- 068695
On measures for improving **wheat grain** qual- 068697
progress in improving **wheat grain** quality u- 068700
for improving quality of winter **wheat grain** 068701
Spring **wheat grain** quality in cis-Ural region 068704
cultural conditions on quality of **wheat grain** 068706
for improving quality of winter **wheat grain.** 068707
Change in quality of **wheat grain** in relation 068708
yield & quality of winter **wheat grain** & pla- 068750
changes in winter **wheat grain** damaged by 070334
qualtity of irrigated winter **wheat grain** in d- 071981
Yield & qualtiy of winter **wheat grain** in lea- 072064
on yield & quality of winter **wheat grain** in 072221
on yield & quality of winter **wheat grain.** 072472
capacity & quality in winter **wheat grain** in 068698
Grain yield mutations induced by ethyl met- 067341
nitrogen nutrition conditions on **grain yield** 068026
rates of nitrogen application on **grain yield** 072082

GRAMINEAE
of genotypic relationships among **rice Oryza** 067119
gamma-irradiation in rice (**Oryza sativa** L.). 067267
Linkage studies in **Oryza sativa** L. [Rice, g- 067270
uptake of nutrients by rice (**Oryza sativa** L., 068058
of anhydrous ammonia in rice (**Oryza sativa** 072076
Response of rice (**Oryza sativa** L.) to micro- 072080

GRANADILLA
passion fruit in Sigatoka Valley. [**Granadilla** 072037
in freeze-dried fruits. [**Granadilla, papayas,** 064012

GRANARIES
development of larvae of **granary weevil,** (si- 070781
in laboratory cultures of **granary weevil,** Sit- 071002

GRANITE
in central Oklahoma & **Granitic outcrops** in 071857

GRANULARITY
vegetables using **granular alachlor** & propac- 070049
Application of **granular dimethoate** for cont- 070360
Development of an **experimental granular** h- 070142
after treating with **granular Lindane.** 070359
of production tests of **granular** 4-**percent** Li- 070262
acid-esterase activity in **granular structures** 067600
Field experience of **granular tri**-allate for c- 070063

GRANULATION
of superphosphate & **compound granulated** f- 072036
Liquid or **granulated feed** complements for l- 064597
Granulation of **Valencia** oranges. 063901

GRANULES
mechanical application of tri-**allate granules** 070064
Control of quality of **granules** in **animal** feed 064085
Properties of starch **granules derived** from f- 063709
determining frability of **fertilizer granules.** 072132
application of fine **insecticidal granules.** [Cit- 070470
of dichlobenil 7.5 **percent granules** in forest- 069972
Ultrastructure of **specific granules** of intesti- 064255
A comparison of **starch granules** as seen by 063443
behaviour of large wheat **starch granules.** 063814
swelling of potato **starch granules.** 064013

GRANULOSIS
on development of **moth granulosis** virus. 070965
A **granulosis virus,** possible biological agent 070466
A **granulosis virus,** possible biological agent 070467

GRAPEFRUIT
industry finds a new star in **grapefruit.** 062663
on stored late-season "Marsh" **grapefruit.** 063932
indices of chironja, orange & **grapefruit.** 068421
susceptibility of **grapefruit** on **various** rootst- 069513

GRAPES
structure of old axillary organs of **grapes.** 066999
in Phylloxera-resistance of **grapes.** 067042
plant has higher yield value. [**Grapes**]. 067391
temperatures during maturation. [**Grapes**]. 068242
of temperature on sugar content of **grapes.** 068475
of pollen of some varieties of **grapes.** 068496
Greenhouse culture of **grapes.** 2. [Protective 068923
availability of planting stock for **grapes.** 069069
fructification potential of **grapes.** 069166
of Study Group of Stock Breeder. [**Grapes**]. 069192
of graft materials in Yugoslavia. [**Grapes**]. 069193
shoots at Kasel (Valley of Ruwer). [**Grapes**] 069195
Persistence of carbaryl on **grapes.** 070453
in Phylloxera-resistance of **grapes.** 070501
method of controlling Phylloxera. [**Grapes**] 070521
Mineral fertilization of **grapes.** 071989
environmental protection. [**Grapes**]. 069754
on viruses & virus disease **affecting grape** vi- 069648
in fruit trees. 1. [Citrus, **apples, grapes**]. 068214
with trace elements in **aquatic grape** culture 068332
for remote hybridization in **grape beeeding.** 067385
volatile components in **grape berries.** 063884
Hormone content of ripening **grape berries** 068444
of phenol substances of skin of **grape berries** 069572
parasites & predators of **grape berry** moth 070420
Affinity tests with **Blaufrankish grape** varie- 069088
Theoretical basis for **grape breeding.** 067228
Breeding grapes at Georgian Scientific Rese- 067231
Trends & results of **grape breeding** in Mold- 067242
Breeding grape varieties for increase in qual- 067255
cinerea] rot of **grapes** & its **control.** 069234
grades of fruit, berry & **grape crops.** 063940
with trace elements in aquatic **grape culture** 068332
development of non-irrigated **grape culture** in 069170
Soil maintenance in **grape culture.** 072203
of ground water table on growth of **grape cv** 068307
An economist looks at raisin & **fresh grape** 062783
On problem of coalescence of **grape grafts.** 069145
Grape harvester recovery & losses. 071518
infection of commonly used **grape hybrid** st- 069612
On development of **non-irrigated grape** cult- 069170
Change of amino acids in **grape juice** during 064005
problems not limited to **grapes** & **lettuce**--y- 071517
looks at raisin & fresh **grape market.** 062783
Bulgarian varieties of **grapes** in **Moldavia.** 069144
acids of polysaccharides of **grape must.** 063999
On oxidative enzymes of **grape must.** 064023
A method of spearating **grape must** form pu- 064027
in combating diseases in **grapes** & **peach** tre- 069765
Survey of wineries & **grape processing** plants 062821
os scion & rootstock in **grape propagation.** 068495
on chromatic qualities of **grapes** & **red** wines 064020
Hormone content of **ripening grape** berries 068444
On dry matter formation in **grape root** stoc- 068405
Grape seed oil. 064029
customers for Thompson **Seedless grapes.** 062617
Methods of breeding **seedless grapes.** 067238
on amount of carbohydrates in **grape shoots** 068380
Relationship between texture of "**grape soils**" 069936
quality in early years of a **grape-spacing** trial 068955
A method of **spearating grape** must form pu- 064027
Preliminary report on **table grape** varieties 069006
Elite seedlings of **table grapes** of extremely 069175
Breeding **grape varieties** for increase in qual- 067255
Preliminary report on table **grape varieties** 069006
volume & quality of various **grape varieties** 069196
Affinity tests with Blaufrankish **grape varie-y.** 069088
berry on volume & quality of **various grape** 069196
grape vine in Romania. II. **Grape vine** vein 069648
Grapes with **virus** diseases, a danger for viti- 069719
To what degree can **white grapes** be used in 063980
Leucoanthocyanins of **grape** & **wine.** 063998
Cayuga White" new **grapes** from New **York** 068997

GRAPEVINES
of sprinkler cooling of **grapevines** on **fruit** g- 068236
on development of **grapevine inflorescence** a- 068235
utilisation of sunflecks by **grapevine leaves.** 068428
on one year old **matured grapevine.** 069197
of downy mildew in **grapevines** in **nurseries.** 069387
indices of high-**stemmed grapevines.** 068477
of normalized loads of **grapevines** on **yield** 068505

GRASSES
Beef cattle: performance at **grass.** 064900
productivity & nitrogen substances in **grass.** 068008
crops. III. Root crops, legumes & **grasses.** 068136
on utilization of pasture mixtures. [**Grasses**] 068874
nutrients to drainage from soil under **grass.** 071802
productivity & nitrogen substances in **grass.** 072041
Relating fertiliser use to profit. [**Grasses**]. 072145
on utilization of pasture mixtures. [**Grasses**] 072229
cultivars of perennial rye **grass affected** by t- 068207
to management of South **African grass** land 068828
Ecology of **annual grass** Setaria lutescens on 066823
Contorl of **annual grasses** & broad-leaved w- 069958
fusimaculans on Saint **Augustine grass.** [Ste- 069507
Grass awn penetration in dog. [Stipa, Setar- 066020
Cereal grass culture in Buryat-Mongolia. 068831
in rumen of sheep fed on **grass, clover** or lu- 064841
of two sown species of **clover-grass** mixtures 068203
Grass & clover varieties. 068778
trials with atrazine for **controlling grass** we- 069974
control of Agropyron repens (**couch grass**) in 070086
Changes of **grass cover** of dry meadows und- 071987
Breeding primary leguminous **grass crops.** [067306
Ireland: effects on growth of **grass & crops.** 067878
Cereal **grass culture** in Buryat-Mongolia. 068831
of artificial lodging of **Dactylis grasses** on its 068621
energy to sheep from artificially **dried grass** 064586
feed brickets made from **grass dryed** with h- 064873
Induced alloploids in **grasses** of **Festuca** & 067148
of three cool-season **forage grass** species. 067884
yields of neglected mid-**forest grass** swards 068873
in mature caryospses of yellow **foxtail grass** 066940
phylogenetic relationships in **grass genera** A- 067890
Milk production from **grazed grass.** [Cattle] 064595
pays milk producer. [**Grasses, grazing**]. 064594
mite pests of alfalfa, clover, & **grasses grown** 070410
seeds & vegetative sets of **important grasses** 068038
of hybrid seed in **grasses** under **isolation** cag- 067095
to management of South African **grass land** 068828
Formic acid as a desiccant for **grass leaves.** 064065
of relationship between **grass leaves** & stems 068010
of several species of **grasses & legumes** to so- 067926
Breeding primary **leguminous grass** crops. [067306
Leguminous grass seed production. [Czechos- 068764
Annual **meadow-grass.** [Poa annua, taxonomy 066807
nitrogen nutrition of **meadow grasses** with h- 067922
Organizing production of **grass meal** in volga 064063
Digestibility & nutritive value of **grass meal** 064883
of two sown species of clover-**grass mixtures** 068203
rotundas L. with dichlobenil & **grass mulch** 070191
Nitrogen increases **orchard grass** & bromegr- 062512
Crude-fiber content of **pasture grass** & its in- 064858
Grasses & pastures. 068638
production from **grasses** in north **Pennies.** 067919
Perennial grasses in arid Volga region. 068718
testing of productivity of **perennial grasses** 068862
Control of **perennial grass** weeds in strawbe- 070082
herbicides for control of **perennial grass** we- 070084
Pronamide for control of **grass, perennial** & 070092
on suitability of **grasses** for **protection** of fie- 072279
impedance of tissue of **grasses receiving** cold 067928
of nutritional values of **grass** in **relation** to f- 068008
of nutritional value of **grass** in **relation** to fe- 068009
of nutritional values of **grass** in **relation** to f- 072041
of nutritional value of **grass** in **relation** to fe- 072042
adenosinetriphosphatase] from **grass roots.** 068053
of various cultivars of perennial **rye grass** af- 068207
Leguminous **grass seed** production. [Czechos- 068764
Injurious mites in **grass seed** storage. [Acar- 070585
Influence of **selected grasses** & forbs on soil 071748
Infection of **grasses** by **Septoria** nodorum & 069267
Ecology of annual **grass Setaria** lutescens on 066823
Mechanized planting of **grass** on **slopes** of d- 071560
of three cool-season forage **grass species.** 067884
between ryegrass & weed **grass species.** [Lol- 070069
of three cool-season forage **grass species.** 071985
levels of fertilization of **grass stands.** 072184
considerations of **grass subfamily** Bambusoi- 066799
evaluation of qaulity in **subtropical grasses:** 064598
repeated applications of **grass suppressant** 070077
in improvement of **grass swards,** type Narde- 068871
Results in improvement of **grass swards,** type 068872
yields of neglected mid-forest **grass swards** 068873
Results in improvement of **grass swards,** type 072227
Results in improvement of **grass swards,** type 072228
Conditioning dairy cows to eat **tainted grass** 064673
fed with Brachiaria sp. (**Tanner grass**). 066043
Grass tetany is serious problem with cattle 065921
nitrate-nitrite intoxications & **grass tetany.** 066045
concentration in two **tropical grasses.** [Setar- 067937
Harvest & regrowth of **turtle grass** (Thalass- 068184
of NC 8438 between ryegrass & **weed grass** 070069
Control of **grass weeds** in field beans (Vicia 069971
with atrazine for controlling **grass weeds** in 069974
Control of perennial **grass weeds** in strawbe- 070082
for control of perennial **grass weeds** in stra- 070084

GRASSHOPPERS
Ecology of **variegated grasshopper,** Zonocer- 070825

GRASSLANDS
Weed control in **grassland.** 070165
Nitrogen on **grassland.** [Fertilizers]. 071999
amounts. Depending on **grassland acreage.** 064676
read at winter meeting of **British Grassland** 064118
by cultivation of **grassland** for **cropping.** 068663
management to intensify **grassland farming.** 062345
Docks in **grassland,** their **influence** on herba- 070071
characteristics of **main grassland** types of L- 068756
Studies on grazing & **grassland management** 064709
Studies on grazing & **grassland management** 064710
Grassland management under conditions of 064866
Studies on grazing & **grassland management** 068691
grazing & burning on a **mountain grassland,** 068784
phenoxy herbicides on **native grasslands.** 070178
on regeneration of **natural grasslands** in coa- 072077
dry matter production of **grassland plants** d- 067899
Nitrogen on **grassland, response** to nitrogen 072000
Response of **grasslands** on **sugar**-limestone in 066860
Grassland weedsan increasing problem. 070166

GRAVEL
Stabilizing **gravel roads** with liquid calcium 066411

GRAVITY
On center of **gravity** of above-**ground** part of 068558
on official determination of **original gravity** 063307
between core size, **specific gravity,** & soluble 068372
of fertilization on yield & **specific gravity** of 072180

GRAY
Pennisetum typhoides) on **grey brown** alluvi- 072088
quality of Brown Swiss, Native **Gray cattle,** 065183
evident in Nicotiana **clevelandii Gray.** Cells 069647
on its yield & fertility of **dark gray** podzoli- 068617
Grades for **evaluating grey** mildew caused by 069347
spring & winter wheats in light **gray forest** 068026
of aggregates of light-**grey forest** soil. 071844
Nutrition of **grey goose,** Anser anser, in sou- 064923
makeup of black & **gray Karakul** lambs rela- 065150
biological activity of **gray podzolized** surface 072322
to strawberries by white spot & **gray rot** dis- 069833

GRAZING
can get more milk from pastures. [**Grazing**] 064708
cattle herds under conditions of **grazing.** [E- 064864
Advice on fattening culled cows by **grazing.** 064865
Quality of diets selected by **grazing animals** 064737
between top-grazing & **bottom-grazing.** 064709
Effect of **grazing & burning** on a mountain g- 068784
for study of "fouling" by **grazing cattle.** 064117
Paddocks for beef. [**Cattle, grazing**]. 064596
RALGRO implants for **cattle grazed** on pas- 064807
of irrigation & **grazing** of **cattle** on cultured 072387
Milk production from **grazed grass.** [Cattle] 064595
pays milk producer. [**Grasses, grazing**]. 064594
Studies on **grazing & grassland** management 064710
a "Wye College" system of **grazing** for **milk** 064652
of ammonium sulphate to **grazed pastures** in 071741
changes in large areas of **grazed pastures.** 071765
Preparing cattle for **grazing season** & how to 066045
A **simple grazing** system for dairy cows. 064829
Grazing studies on Texas Experimental Ran- 064847
of heights of cutting after **grazing** on **yield,** 068847

GREASE
Smoke, **grease aerosol** & odor control in me- 072589

GREEN
Noah's Ark in **green.** [Botanical gardens, G- 066593
dynamics of Lepidosaphes pallida (**Green**). I 070519
Importance of open (**green**) spaces in pollut- 072611
of chloroplast thylakoids of **green alga** Ooc- 066989
S RNAs in unicellular **green alga** Chlorella 067449
Phylogeny of **green algae:** a new proposal. 067118
pathway of rRNA in **blue-green algae** (Anac- 067425
cytological chemistry of **blue-green algae.** 067435
dehydrogenase activity in **blue-green algae.** 067630
Carotenoids of **blue-green algae.** significance 067865
Blue-**green algal** flora of Ragasthan. 066764
with glycollate metabolsim in **greening bean** 068391
Blue-green algal flora of Ragasthan. 066764
Biosynthetic pathway of rRNA in **blue-green** 067425
cytological chemistry of **blue-green** algae. 067435

glucose dehydrogenase activity in **blue-green** 067630
Carotenoids of **blue-green** algae. significance 067865
Morphogenesis of **green buds** in gramma-irr- 066936
"Green-bug" on Shevaroys. [Coffee, pest co- 070253
chlorophyll organisation in **greening** cells of 067770
Genetic study of **green coloring** in larvae & 071008
for fibre accumulation on golf **course greens** 069147
penetrans. ability of **green crops** under favo- 069909
aminolevulinic acid by **greening cucumber** c- 068262
Green density sampling in sawlog scaling. 066200
occurring during storage of **dried green** fodd- 064041
Ways to **dry green** forage. 064094
during early stages of **greening** of **etiolated** 068110
content of nitrites & nitrates in **green feeds** 064042
in preserved & fresh **green feedstuffs.** 063230
Control of smaller **green flower** chafer, Oxy- 070470
during storage of dried **green fodder.** 2. Infl- 064041
of dry matter content of **green fodder** & ensi- 064861
Ways to dry **green forage.** 064094
of beta-carotene in preserved & **fresh green** 063230
on cowpea groundnut & **green gram.** [Mung 071800
fodder production due to **growing green** mai- 068671
Green lumber grade yields for subfactory cl- 066555
production due to growing **green maize.** 068671
characteristics of roots & **green mass** of Pol- 067402
of Polygonum weyrichi **green mass** dependi- 067893
Amino acid content of fruit & **green mass** of 068509
diseases on yield & quality of **green mass** & 069706
Influence of sowing time on **green-matter** p- 068877
Bush redpeppers, **muskmelons, green** peppe- 068454
Anti-insects borate treatment of **green oak** f- 070540
Bush redpeppers, muskmelons, **green peppe-s]** 068454
Green Plan for livestock. [Forage plants, fe- 064821
uptake of nutrients by **green plant** mass of 068063
Nitrogen metabolism of **green plants.** I. Rev- 067572
Nitrogen metabolism of **green plants.** II. Ef- 067573
mobilise rural youth for **green revolution.** 062174
Green revolution: problems in wake of new 062899
Green revolution. [India]. 062902
Green Revolution in Spain. 3. 063011
Investigation on resistance of **green rice** leaf 070399
Control of **smaller green** flower chafer, Oxy- 070470
behavior of artificially waxed **green snap** be- 063959
Upkeep of **green spaces** in firstly choice of 071659
chloroplastic 5S RNAs in **unicellular green** 067449
Storage behavior of artificially **waxed green** 063959
composition of Polygonum **weyrichi green** 067893
Fine structure of **green** & **white** leaves of P- 067022

GREENBUGS

influence of **greenbugs** on **charcoal** rot of so- 069557
Greenbug control on sorghum. [Schizaphis g- 070385
Greenbugs on **small** grain, including control 070386
Greenbugs on **sorghum.** 070320

GREENHOUSES

Heating & cooling a **greenhouse.** 071423
Structure & intensity of **greenhouse.** 071441
Providing shade in **greenhouse.** 071445
pad cooling ventilation system. [**Greenhouses**] 071487
mottle virus in carnations in **glasshouses.** [D- 069669
Guide & data for **greenhouse air** conditioning 071468
of growing vegetables in **block greenhouses.** 062601
mite pests for **commercial greenhouse** opera- 070518
Fog & fan method for **greenhouse cooling.** 071469
on development of some **glasshouse crops.** [068462
Greenhouse culture of seedlings of Betula ve- 066347
Greenhouse culture of grapes. 2. [Protective 068923
rice straw application on **greenhouse culture** 068924
plants grown under **greenhouse culture.** I. ef- 069038
Dutch glasshouse industry faces market pro- 062668
Installation of **greenhouse farming.** 2. Struc- 071441
Greenhouse fires. 071437
Chrysanthemum **flowers** under **greenhouse** c- 069038
of soil heat transfer in **heated greenhouses.** 071467
due to air infiltration of **heated greenhouse** 071468
Automation of **industrial greenhouses.** 071439
Dutch **glasshouse industry** faces market pro- 062668
report on development of a **greenhouse leaf** 071647
Manganese toxicity in **greenhouse lettuce.** 069865
Glasshouse method for screening seedlings of 069560
in biological control of **greenhouse mites.** 070457
pests for commercial **greenhouse operators** 070518
in complex of **greenhouse pests.** 069824
conditions in **glasshouses** & under **plastic** foil 062354
Pollinating greenhouse tomatoes with a vibr- 068419
Control of **greenhouse population** of Myzus 070483
Glasshouse red spider mite. [Tetranychus ur- 070435
low temperature: a **greenhouse study.** [Picea 068596
Pollinating **greenhouse tomatoes** with a vibr- 068419
Greenhouse vegetable research, 1973. 068416
with insect pests of **greenhouse vegetable** cr- 070491
Greenhouse whitefly, Trialeurodes vaporario- 070477

GREGARIA

in desert locust-**Schistocerca gregaria** (Forsk 070372
of flight in locust **Schistocerca gregaria** (For- 070769

GRIDS

National water & **power grids.** [India]. 072356

GRINDING

Type of **grinding** of **different** laboratory mills 063705
Increasing durability of **feed-grinding** knives 071695

GROCERIES

factors: a comparison with **grocery store** loc- 062689
Fruit quality & **grocery store.** 063192

GROUND

of calculating interaction of **ground airflow** 066164
can you afford to pay for **barley ground?** [L- 062233
Ground beetle populations near a kraft mill. 070786
Dynamics of plant **ground cover** as related to 066842
of vegetable production in **covered ground.** 062523
Ground flora & its control under rubber in 070189
On center of gravity of above-**ground part** of 068558
Ultra-low-volume **ground spray** application 069296
Fixing period of **tilling ground** & soil fertili- 068851
yield of sugarcane under **various ground** wat- 068172
Influence of **ground water** table on growth of 068307
Effect of **ground water** high in Mg [magnesi- 071779
Peat moisture & level of **ground water** in irr- 071950
on formation of **ground water** in central Ka- 072371
On patterns of **ground water** system in irrig- 072408
Geophysical exploration of **ground water** in 072415
Chemistry of **ground water** in a district in s- 072426
of sugarcane under various **ground water** tab- 072457
on irrigation, expulsion & **ground water** in r- 072469
Use of **ground waters** for irrigation of culiva- 072390

GROUNDNUTS

estimation of aflatoxin B1 in **groundnut.** [A- 063113
innoculation on **cowpea groundnut** & green 071800
to "tikka" leaf-spot in **groundnut germplasm** 069351
Fusarium species on **groundnut kernels** & in 069536
N, P & K on nodulation of **groundnut plants** 072035

GROVES

Soignes, móst beautiful **beech grove** in Euro- 066113

GROWERS

Avocado growers beware of root rot. [Phyto- 069302
"a look ahead"--speech to **British growers.** 069093
Grower trials with a mixture of trietazine & 069965

GROWING

asparagus (Asparagus officinalis l.) **growing** 071992
Growing amaryllids in north Florida. 069116
Growing Amaryllis from seeds. 069117
Vitamin requirement of **growing animal.** 064705
lipid metabolism of **growing animals.** 064386
Protein requirements of **growing animals.** 064702
Mineral requirement of **growing animals.** 064704
resulting from **growing** some **annual** & pere- 071952
Sucessful **apple growing** in tropical Indones- 069005
A guide to **apple growing** in Baguio & envir- 069113
farms in Lommatzsch fruit-**growing area.** 062352
production in Havel fruit **growing area.** 062356
Development of Havel fruit-**growing area** in- 069022
Hordeum leporinum in wheat-**growing area** 069528
Concentration of vegetable-**growing areas** as 062266
apples trees in various fruit-**growing areas** of 068502
of tillage & weed control in **beet-growing** zo- 070206
Growing camellias out of doors in southern 068932
enzyme apparatus in **growing cells:** glycolyt- 068159
Autumn weather & **cereal growing** in Engla- 068676
Financing **coffee growing.** [Brazil]. 062562
Effect of **growing conditions** on accumulation 067813
Cotton growing in Israel. 068651
Working practice in **cotton growing** at small 068848
Cotton growing & crop protection in French 069803
control of insect pests in **cotton growing** in 070328
Cotton growing & crop protection in French 070697
Summer catch **crop growing.** 068765
on production of **cucumbers growing** in sandy 072207
production to meet **growing domestic** dema- 062665
Purpose of cooperatives in **growing economy** 062466
of permanent catheters in **growing female** p- 064303
diet on performance of **growing-finishing** pigs 064654
energy on protein needs of **growing-finishing** 064739
Economics of **growing Fraser** fir christmas t- 066262
n.sp. (Chrysophyceae) **growing** in **frog** spawn 066604
socialist farms in Lommatzsch **fruit-growing** 062352
production in Havel **fruit growing** area. 062356
Aporta apples trees in various **fruit-growing** 068502
Development of Havel **fruit-growing** area in- 069022
Fruit growing for all. 069036
to decrease economic risk of **fruit growing.** 069852
fodder production due to **growing green** mai- 068671
of carotene when **growing** on **media** with oil 067369
soybean production to **meet growing** domest- 062665
alkaloids from Argemone **mexicana growing** 067807
chloride in **growing Mironowskaja** 808 & F- 067979
Technique of **growing** new **oats** varieties. 068788
New techniques in mandarin **oragne growing** 068979
Peanut growing. 3. 068813
vegetable crops during their **growing period** 069408
protein metabolism of **pigs growing** at a high 064287
activities of feces & urine in **growing pigs** af- 064565
forages in intensive fattening of **growing pigs.** 064912
On agrotechnics of **growing Pinus** seedlings 066394
of various cultivated **plants growing** on light 068909
in crown of apple trees on **poorly growing** r- 068335
Poplar growing at close spacing. [Populus]. 066384
Nineteen years of **potato growing** in Swabian 069083
of other fatty acids, in **growing rat.** 064294
Corn silage supplement, good **growing ration** 064833
Ultrasturcture of **growing regions** of aerial 067026
of apple trees on poorly **growing rootstock** 068335
dichlorprop during **growing season.** 070088
Theory & technique on rice **seedling growing** 068614
Effect of **simplified growing** of rye in monoc- 068889
Growing snap beans in narrow rows. 068952
of Avena fatua L. **Growing** in **spring** barley. 067462
Growing spring barley varieties designed for 068787
Growing stock size in swine production: Add- 064225
Regeneration of **growing stock** after selection 066341
under conditions of **submerged growing.** 067694
Growing summer paddy. [Rice, India]. 068743
grain & soybean meal for **growing swine.** 064732
of germination & **growing temperature** on fl- 068240
Growing timber outside forest in reallocation 066231
Growing tree potato in kitchen garden. 068982
calculation for crowns of **growing trees.** 066258
Growing tropical root & tuber crops. 066716
production of Ceratocystis **ulmi growing** on 069391
Concentration of **vegetable-growing** areas as 062266
Vegetable growing in Soviet Union. 069016
in development of Soviet **vegetable growing** 069017
Economic efficiency of **growing vegetables** in 062601
of alkaloids in Linaria **vulgaris growing** in 067809
of Hordeum leporinum in **wheat-growing** ar- 069528
properties of some St. john's **worts growing** 067693
tillage & weed control in beet-**growing zone** 070206

GROWTHS

Physiology & biochemistry of **growth.** [Live- 064385
Energy requirements for **growth.** [Livestock] 064703
Intensive fattening of heifers. I. **Growth.** 064813
evvironments on metabolism & **growth.** [Pla- 067604
inorganic nitrogen compounds on **growth.** 067640
Manihot utilissima Pohl) during **growth.** 068392
Dioscorea rotundata, poir) during **growth.** 068393
utilization of uridine during **growth** of **Acer** 068546
Device for study of **growth** of **aerobic** bacter- 071904
Ecological factors **affecting growth** of Aleppo 068587
Factors **affecting growth,** sporulation, patho- 069429
Growth of **agricultural** production is necessa- 062972
A study of **growth Agropyron** repens (L) Be- 069989
Growth of **Agropyron** repens seedlings in ce- 070072
Growth of **American** red oak in Courriere-M- 066277
of so-called dwarf rice. I. **Growth analysis** w- 067296
Growth analysis on plant type in peanut var- 067948
s growth model for basal **area growth** & yie- 066211
substance involved in **associative growth** of 063522
Studies of morphactin on **growth** & **auxin** di- 068246
vitamin requirements for **axenic growth** of h- 067702
of light & gibberellin on **growth** of **barley** se- 068151
Growth of **beef** cattle fed on maize silage su- 064651
with phytohormones in **growth bioassays.** [F- 068011
of temperature & day-length on **growth, bulb** 068415
Growth of **calf** fetus of single or multiple pr- 064938
lipid metabolism in pigs. I. **Growth, carcass** 064343
Growth & **carcass** traits of bulls fed to point 064852
Parenchyma **cell growth** in potato tubers. I. 066922
Parenchyma **cell growth** in potato tubers. II 066923
Variability of **certain growth** indices of spri- 067892
Regularities of **growth** & **certain** correlations 068162
for fibre content & **growth characteristics** of 064288
Host cell range & **growth characteristics** of 065511
Chemical growth regulant for peanuts. 068091
Chemical growth regulators for agriculture. 068351
Differences in **growth** of four **clones** of Agro- 067464
meat components on **growth** of **Clostridium** 063125
a tool in guiding **community growth.** 062272
plane of nutrition & **compensatory growth.** 2 064712
growth stage & different **growth conditions.** 067947
Growth of **cotton** spotted bollworm, Earias 070321
residual effect of rice husk on **crop growth** 072087
in Norway 1972. [**Crops, growth** substances] 067684
Studies on **growth** in **culture** of plant cells. 068546
Change in **current growth** increment in spru- 066250
cattle. VI. On estimation of **growth curves** of 064175
Growth data for 29 years from California el- 066212
metabolism in swine. . IV. **Growth dependent** 064372
Growth & **development** of young Lebedin ca- 064897
Bohemian region (**growth** & **development**). 065089
Growth & **development** of Lebedin crosses w- 065165
Growth & **development** of trees on a slag d- 066380
Problems caused by **growth** & **development** 067739
Mutual regulation of **growth** & **development** 067824
dependence of **growth** & **development** of rice 067951
Effects of kinetin on **growth** & **development** 068047
Peculiarities of **growth** & **development** of Fe- 068068
On **growth** & **development** of winter wheat 068199
Growth & **development** of Leucothoe [cates- 068369
methods on **growth** & **development** of Chrys- 069038
necessary for **growth** & **development** of Tric- 070351
Growth & **development** of larvae of granary 070781
cerealella Oliv.) **growth** & **development** und- 070896
Mutual regulation of **growth** & **development** 071027
Control of **growth** & **development** in Bombyx 071397
*** 071399

in explaining wool **growth differences** betwe- 064644
Seasonality in **growth** of **disease** incidence f- 065997
of summer pruning on **growth dynamics** of r- 068409
Effect of seed weight on **early growth** & no- 067902
Effects of soil temperature on **early growth** 067934
erosion on tea lands during **early growth** of 072253
rainfall. [Pinus elliottii **eliottii, growth**]. 066308
Effect of photoperiod on **growth** of **Empress** 068223
Effect of **growth environment** on gas exchan- 068575
Use of **growth equations** in cattle for large-s- 064580
Absence of nerve **growth factor** in venoms of 071054
effects of nutrients, **growth factors** & evviro- 067604
Computers in cornfield. [**Growth factors**]. 068083
Growth features of annual seedlings of Pinus 068600
Feeding, growth & main properties of fine 064577
Influence of antagonism & a few **growth** reg- 067478
of temperature during **growth** & **flowering** on 067564
Variations in tree & **fruit growth** & fruit qua- 066837
cooling of grapevines on **fruit growth** & com- 068236
of pineapple slips on plant **growth, fruit** wei- 068491
Considerations on **growth** & **future** value of 066278
of radicular apex in **growth, geotropism** & a- 068149
communis during **growth** & **germination** of s- 067828
of ground water table on **growth** of **grape** cv 068307
Northern Ireland: effects on **growth** of **grass** 067878
of acetylcholine on **growth** & on **growth** inh- 068133
Growth & **guttation** of wheat treated or not 068148
Plant structure & **growth habits**. 066921
temperature during **growth** & **hardening**. 068049
to type of skin folding & **growth** of **head** & l- 064529
Height growth prediction for black locust on 066316
damage affects form & **height growth** of wes- 070535
Growth of **helminthosporia** on media contai- 069240
Release of **growth hormone** in response to 064432
yield & level of prolactin & **growth hormone** 064433
Economical significance of **growth hormones** 064670
Hydrophilic growth inhibitors from Laminar- 067736
analysis of **growth** & **increment** in trees of a 066198
Change in current **growth increment** in spru- 066250
Variability of certain **growth indices** of spri- 067892
Growth of **individual** muscles in various bre- 064840
action. II. kinetics of lipid-**induced growth** 068449
Factors **influencing growth** & toxin producti- 063167
Factors **influencing growth** of root system of 068412
Phaseolus vulgaris) which **inhibit growth** of 068273
On use of pimaricin for **growth inhibition** of 063214
on growth & on **growth inhibition** by CCC [068133
Hydrophilic **growth inhibitors** from Laminar- 067736
Pyrid-2-y1)thiourea as root **growth inhibitors**. 068092
Influence of **growth inhibitors** from Vicia fa- 068137
stress & gibberellic acid on **initial growth** of 068525
Growth & **ion** uptake by wheat supplies nitr- 068126
Fatures of **growth** of **isolated** lupine root. V. 068073
microelements on **growth** on **kidney** beans (068498
On reserves for **growth** of **labor** productivity 062372
Cheese Food related to **growth** of **lactic** acid 063525
of preweaning & postweaning **lamb growth** t- 065010
Larval growth & development of a hymenop- 070841
dust accumulation on **lateral growth** of forest 066084
Relation between **growth** & **leaf** nitrogen co- 067936
of shading treatment on **growth** of **leaf** & ro- 067952
Anatomical structure of young **growth leaves** 066996
aflatoxin on germination & **growth** of **lettuce** 068256
Features of weight & **linear growth** of swine 065102
Growth linkages of new foodgrain technolog- 062274
dietary copper on **growth** & **lipid** metabolism 064343
064345
grade on survival & **growth** of **loblolly** pine 068598
with inhibition of **growth** by **lowered** tempe- 067984
temperature effects on **maize growth** & yield 067959
in soil & their effect on **growth** of **maize** pl- 067991
Study of biology of **malignant growth** & mo- 065644
Growth of **material**-technical base & change 062367
Growth & **meat** formation. [Cattle, swine]. 064387
chloride on **growth** & **mineral** uptake in saff- 068087
of von Bertalanffy's **growth model** for basal 066211
discrete-time, population **growth models**. [F- 066297
Growth & **moisture** sufficiency of forest belts 068583
of Holstein cows. 1. **Growth** to 18 **months** of 064711
tissue framework & **muscle growth**. [Cattle] 064295
Absence of **nerve growth** factor in venoms of 071054
zinc sulfate on **growth** & **nutrient** levels of 068308
Interacting effects of **nutrients, growth** fact- 067604
Growth & **nutrition** of a suspension culture 067649
Growth & **overground** phytomass of Pinus k- 068069
nitrogen sources on **growth** of **papaya** anthr- 069292
Growth patterns of swine skeletons of vario- 064548
Effect of **growth period** on sucrose contents 068051
Ethylene & regulation of **growth** in **pine**. [P- 068519
Growth of **Pinus** sylvestris 1. plantations in 066257
metaphosphate on **growth** of **Pinus** sylvestris 068603
Variability of **plant growth** within controlled 067483
Plant growth responses induced by some bio 067620
Comparative studies of **plant growth** & distr- 067637
Zonal formation regions of **plant growth** & 067685
some practical uses of cycocel **plant growth** 067797
green mass depending on **plant growth** & de- 067893
Plant growth regulators as a pretreatment f- 067920
Glyphosine-a **plant growth** regulator for sug- 067921
salinization on initial phases of **plant growth**. 067996
Some effects of salinity on **plant growth** with 068050
Mathematical analysis of **plant growth**. Zea 068108
nodules during process of **plant growth**. 068168
Accelerate **plant growth**. [Camellia]. 068233
celery seed germination with **plant growth** r- 068290
micro-electromagnetic fields on **plant growth** 068291
bean roots & its inhibition by **plant growth** 068324
of size of pineapple slips on **plant growth, f-** 068491
Use of **plant growth** regulators in control of 069996
Effect of some **plant growth** regulators on s- 069997
Effects of **plant growth**-regulatory chemicals 070102
Effect of **plant growth** regulators on domina- 070103
Soil moisture available for **plant growth** in 071801
Comparative studies of **plant growth** & distr- 071806
Zonal formation regions of **plant growth** & 071822
Plant growth & eutrofication factor. 072604
salinity on germination & **growth** of **plants** 067835
acid on **growth, plastid** pigments, & sucrose 068389
Postnatal growth in prenatally irradiated ra- 064374
Height **growth prediction** for black locust on 066316
study on initiation & **growth** of **premature** l- 067414
maintain a high rate of **production growth**. 062424
rate of molinate on **growth** & **production** of 070207
problem of stimulating **growth, productivity** 064528
of nutrition during **growth** on **productivity** of 064711
problem of stimulating **growth, productivity** 065973
on sprouting, **growth, productivity** & mutati- 067182
of N,P, K, & MG on **growth** & **productivity** 072003
artificially dried grass at **progressive growth** 064586
conditions in relation to **growth** & **quality** of 068301
Fertility & **growth** of **rabbits** of White New 065203
Effect of dry summer 1971 on **radial growth** 068591
cycocel induced inhibition of **radicle growth** 067452
in lambs: effects on **growth rate**, carcass & 064289
Investigations on **growth rate** of lichens. III 067686
affecting seastonal change of **growth rate** of 067948
of absorbed nitrogen to relative **growth rate** 068175
timing, & rates on quality & **growth rate** of 068219
uses of cycocel plant **growth regulant**. 067797
Chemical **growth regulant** for peanuts. 068091
Growth regulation. [Animals]. 064388
Influence of synthetic **growth regulator** alp- 067762
Glyphosine-a plant **growth regulator** for sug- 067921
Effect of various **growth regulator** sprays on 068226
In vitro secretion of **growth regulators** by is- 067410
of antagonism & a few **growth regulators** on 067478
Aftereffect of **growth regulators** in physiolog- 067589
In vitro effects of some **growth regulators** in 067664
Role of light & **growth regulators** in opening 067766
Plant **growth regulators** as a pretreatment f- 067920
results for nurserymen. [**Growth regulators**, 068222
treated with various **growth regulators**. 068224
Evaluation of several **growth regulators** on r- 068231
of Jiffy Grow & various **growth regulators** on 068232
germination with plant **growth regulators**. 068290
Chemical **growth regulators** for agriculture. 068351
Growth regulators stimulate ponderosa pine 068594
of some pesticides & **growth regulators** on 069822
Use of plant **growth regulators** in control of 069996
Effect of some plant **growth regulators** on s- 069997
Effect of plant **growth regulators** on domina- 070103
Effects of plant **growth-regulatory** chemicals 070102
Growth in **relation** to chlorophyll content of 068039
of absorbed nitrogen to **relative growth** rate 068175
Plant **growth responses** induced by some bio 067620
Amo-1618 as a **growth retardant** of citrus se- 068363
Evaluation of several **growth retardants** on 068228
Influence of **growth retarding** substances on 068209
trace elements on **growth** of **Rhizobium** from 068210
Adans.) according to its **growth rhythm** signs 068202
susceptibility in relation to **growth rhythm** 069748
Nuclear interactions & **growth rhythms** of 066929
of Aulosira fertilissima on **growth** of **rice** se- 068130
of gamma irradiation on **growth** & **RNA** con- 068171
maize sprout endosperm during **root growth** 067894
of N-(Pyrid-2-y1)thiourea as **root growth** in- 068092
acid phosphatase in **root growth** zones of t- 068341
Pellet form of **growth** of **Sclerotinia** fructig- 069259
at various stages of **seasonal growth** in Pinus 068542
Conical container improves **seedling growth** 066388
Seedling growth in controlled-nutrient condi- 067648
in soybeans: iI. **Seedling growth** & photosyn- 067960
from white light on **growth** of **seedlings**. 067951
observed in early stages of **growth** in **self**-po- 067089
culture cells. III. **Semisynchronous growth** 064364
Evaluation of **several growth** retardants on 068228
Evaluation of **several growth** regulators on r- 068231
births, wool production & **growth** in **sheep**. 064935
Use of **slate growth** substances for treating 068403
of culture solution on **growth** of **spinach**. 068399
Factors affecting **growth, sporulation**, patho- 069429
L) Beauv. during & after **growth** of **spring** b- 069989
in potato **sprout growth**. 068284
during spike formation on **sprouting, growth** 067182
in rice plants as affected by **growth stage** & 067947
herbicide applicator for **growth stage** applic- 070142
dried grass at progressive **growth stages**. 064586
reproductive & vegetative **growth stages**. 068152
method of application on **growth stages** of 069246
on light soils at successive **growth stages** of 069970
lactic acid bacteria on **growth** of **Staphy** loc- 063032
Use of **growth stimulants** in potato culture in 068402
Phosphorus **stimulates growth** of yellow bir- 072201
On problem of **stimulating growth**, producti- 064528
endosperm during root **growth stimulation** by 067894
grape berries & effects of **growth substance** 068444
in Norway 1972. [Crops, **growth substances**] 067684
Effect of some **growth substances** on peroxi- 067887
infected jute plants to **growth substances**. 068040
Use of slate **growth substances** for treating 068403
infected jute plants to **growth substances**. 069363
herbicide on light soils at **successive growth** 069970
certain correlations between **growth** & **sugar** 068162
Influence of **synthetic growth** regulator alp- 067762
an experimental study. IV. **Growth** of **test** s- 067641
Studies on **growth** of **tobacco** roots. XI. Effe- 067547
Regulation of **growth** of **tobacco** tissues with 067876
of different media on **growth** of **tomato** tran- 068417
postweaning lamb **growth traits**. 065010
levels in Bartlett leaves, on **tree growth**, & 068249
potassium] fertilisers on **tree growth**, yield 068974
rays stimulation of pollen **tube growth** of Pi- 068514
by example of lohlrabi **tuber growth**. 067084
Effect of chlorflurecol on **growth** of **turions** 070101
spray on rosette-like **growth** of **un**-chilled pl- 068305
Growth uneven in West European catering 062757
their alternation on **growth** & **uptake** of nut- 068058
leaf segments according to **growth** of **various** 067950
ornamentals treated with **various growth** re- 068224
Effect of **various growth** regulator sprays on 068226
Comparison of Jiffy Grow & **various growth** 068232
Effect of temperature on **vegetative growth** 067548
weight as a factor in early **vegetative growth** 067955
Factors influencing **vegetative growth** & flo- 067970
during reproductive & **vegetative growth** sta- 068152
In **vitro growth** of Endophyte Acrochaetium 067738
Growth & **water** absorption of wheat with p- 068078
chock in Larix: **growth** & **water** economy af- 068606
of Samorin injections on **weight growth** & m- 064114
methods examplified by live **weight growth** 064781
phytohormones on **growth** of **wheat** seedlings 068086
Trichostrongylosis & **wool growth**. I. Feed d- 064307
of wool growth in explaining **wool growth** di- 064644
Trichostrongylosis & **wool growth**. I. Feed d- 065419
rootstock studies: fifteen **years' growth** & cr- 068973
of gamma irradiation on **growth** & **yield** of 067799
of gamma irradiation on **growth** & **yield** of 068136
levels of irrigation on **growth** & **yield** of sug- 068172
Effects of underdrainage on **growth** & **yield** 068174
nonuniformity of planting on **growth** & **yield** 068653
potassium] fertilisers on tree **growth, yield** 068974
of weeds & herbicides on **growth** & **yield** of 070033
Growth & **yield** behaviour of Baldwin apple 071969
levels of irrigation on **growth** & **yield** of sug- 072457
Effects of underdrainage on **growth** & **yield** 072461
pea mosaic viruses on **growth** & **yields** of ho- 069699
Anatomical structure of **young growth** leaves 066996
phytomass of Pinus koraiensis **young growth** 068069
Anatomical structure of **young growth** leaves 068561
acid phosphatase in root **growth zones** of t- 068341

GRUBS
dynamics of white **grubs, Phyllophaga** spp. 070794

GRYLLIDAE
Pteronemobiini (Orpthoptera: **Gryllidae**: N- 071155

GUAIANOLIDES
two new **guaianolides** in **Helenium** autumnale 067672

GUAR
by L-triethylammonium iodide. [**Guar**]. 067452
of planting date on **guar production** in Rolli- 068844
Southern blight & **guar production** in Rolling 069558

GUAVAS
Responses of **guava** (Psidium guajava L.) to 068394
fruit beverage bases. [**Guavas, pineapples**, g- 063930

GULLIES
for marginal arable areas; **gully control** stru- 072292
Development of **gullies** on **plains** of Turgai. 072262

GUM
properties of syrups **containing gums**. 063391

GUR
SEE SUGAR

GUSTATORY
SEE TASTE

GUTTIFERAE
worts growing in Central Asia. [**Hypericum**] 067693
Jasminium primulinum. **Hypericum**]. 068407

GYNECOLOGY
Antiseptics used in **gynecology**. [Livestock] 065347

GYNOECIUM
Form of **gynoecium** of **Pittosporum** tobira. 067036

GYPONINAE
Studies of **world gyponinae** (Homoptera, Ci- 071137

GYPSUM
Gypsum--it's use in agricultural development 072304
faviforme & Trichophyton gypseum in calves 065857

HABITATS
in relation to vegetation stages & habitat. 067722
hypolithion) in some alpine habitats at Finse 071257
Habitat conditions & vegetation of peat bog 066887
changes of temperature & habitat conditions 071002
New habitat of Croccus heuffelianus Herb in 066643
lichen association with habitat in Dolomites 066886
Habitat selection & population structure in 070953
Habitat studies on Sonnberg, Sellrain Upper 066907

HABITS
Lycosidae). I. External feature & habits. [F- 070801
animals on distribution & feeding habits of g- 070661
Plant structure & growth habits. 066921
Life history & habits of a leaf miner, Camer- 070779
on life histories & habits of some western T- 070951

HAEMAPHYSALIS
of type material of Haemaphysalis (Aboimi- 070620
patterns of Haemaphysalis longicornis & Ix- 071046
study of ticks. VI. Haemaphysalis punctata 071035
of immature ticks (Haemaphysalis spp. & D- 070640

HAIR
Canadian hairless or sphinx cat. 065022
Chemical control of hairy caterpillar, Eupro- 070449
excess: suitability of hair as an indicator of 066010
Importance of leaf hairs in transmission of 069713
rate in Tradescantia [ohiensis] stamen hairs 067299
of pea seedborne mosaic virus in hairy vetch 069689

HALLUCINOGENS
search of hallucinogenic Cactaceae. [Lopho- 066580

HALOGENS
using some halogenated hydrocarbon fumiga- 069825

HALORAGACEAE
of turions of Myriophyllum verticillatum L. 070101

HALOTHANE
as a substitute for halothane in horse. 065298

HALTICA
SEE ALTICA

HAM
activity in fresh & spoiled prosciutti ham. 063606

HAMAMELIDACEAE
Winter-flowering shrubs: Hamamelis species 068474

HAMSTERS
of potassium influx, in baby hamster kidney 065476
by neonatal guinea pig, hamster & rabbit in- 064439

HAND
sprayed by Turbair X & a hand sprayer. 070354

HANDBOOKS
Handbook for determining volume of contai- 063416

HANDSHEETS
of earlywood & latewood handsheets. 066551

HAPLOIDS
Yield stability in doubled haploids of Ameri- 068655
Studies on haploid formation from immature 068062
Haploid frequencies in Brassica napus. [Ra- 067097
culture, a new method for obtaining haploid 067334
Haploidy of potatoes. 067207

HARDENING
temperature during growth & hardening. 068049
Drying & hardening of finishes with infrared 066431
of some proteins after heat hardening of wh- 068183
Studies on presowing hardening in maize. 068190
of permanent warping by thermal hardening 063651

HARDINESS
Effect of temperature on hardiness changes 068549
Payk. I. Survival rates & cold-hardiness. 070985
of an artificial test for frost hardiness in wh- 067932
Effect of temperature on frost hardiness of 068552
Relative hardiness of strawberry cultivars at 068298
Cold tolerance & winter hardiness in Lolium 068049

HARDNESS
Breeding hard & soft winter wheat for quali- 067216
Raw milk quality in area of hard cheese dai- 063151
aspects of raw milk in hard cheese producti- 063153
Biochemical processes in hard cheese during 063549
of non-burnt heaps of hard coal mining. [Af- 066136
of Intergovernmental Group on Hard Fibres 063727
Fracture force, hardness & brittleness in cri- 063762
Olaf: a short-strawed, high yielding hard red 068773
supply of macrophytes of hard soils along s- 066790

on yield & qualtity of hard spring wheat in 072118
Digestive enzymes in "hard ticks" (Ixodoid- 071080
Influence of ion deposition, water hardness, 063197
activities of hard wheats & browning of paste 063720
grain quality of strong & hard wheats in Vo- 068712
Hard wheats of high yields. 068745

HARDWOODS
Clearcutting in hardwoods. 066393
grade yields for subfactory class hardwood l- 066555
with aim of producing a final hardwood crop 066385
Hardwoods & furniture--a long-term relatio- 066567
of plywood made from Japanese hardwood. 066448
from a selectively cut northern hardwood st- 066506

HARES
SEE RABBITS

HARVEST
Characters of wheats from harvest. 068176
on chemical composition of harvest. [Oats] 068188
on organization of dessert apple harvesting, 063881
Mechanical beet harvesting in Federal Rep- 068911
Equipment for sugar beet harvesting. 071578
A sugar beet harvesting machine assembled 071660
Relation between pre & post-harvest bitter 069794
Bulk harvesting & handling of onions. 069169
desiccation to assist sugar cane harvesting, 068649
for grain in case of harvesting with cereal c- 071704
of combine in case of harvesting of certain p- 071684
Citrus harvest results with air shaker conce- 068961
Timber-harvest clearcutting & nutrients in 066391
elita," a two-drum grain harvesting combine 071681
of a tractor with corn harvesting combines. 071691
of two tree shakers for harvesting cones. 071548
Harvesting corn in June. 069109
operation of a tractor with corn harvesting 071691
Forest harvesting course at Washington Co- 066410
Differentiating harvest cutting in Larix fore- 066343
Earlier harvesting date for late varieties of 069100
wheat grain in relation to harvesting dates 068708
Effect of harvesting dates for winter wheat 068845
Differentiating harvest cutting in Larix fore- 066343
Post harvest dipping of peaches. [Sclerotinia 069569
affected by rain during post-harvest drying. 068687
Earlier harvesting date for late varieties of 069100
Complex use of harvesting equipment & ensi- 068664
Harvesting equipment for cereals. 071575
Cultivation & harvesting equipment in veget- 071579
Pre-harvest factors affecting tomato fruit qu- 072169
of various technologies for harvesting fiber f- 071678
Problems of forage harvesting & preservation 064082
working methods for harvesting forage plants 071613
Forest harvesting course at Washington Co- 066410
of plant spacing & date of harvest on fruit s- 068361
Fungicidal control of pre-harvest fruit drop 069362
of self-propelled table for harvesting fruits. 068980
1972 Grain harvest in Soviet Union far und- 062967
"elita," a two-drum grain harvesting combine 071681
dwarf grain sorghum hybrids harvested at v- 068654
New investigations in harvesting & keeping 064107
Harvesting logging residue from a selectively 066506
A sugar beet harvesting machine assembled 071660
Cereals & maize harvested as whole plants 068666
Prolonging life of harvested McFarlin cranb- 063878
Effect of mechanized harvesting on keeping 063880
Mechanized harvest & storage of hay. 064106
Mechanized harvesting of Brussels sprouts. 071555
of feasibility of mechanized harvesting & pr- 071674
Harvest of 1972 & nitrogen fertilization for 072150
of Passe-Crassane pears harvested & stored 063994
Harvesting Picea cones in forest reserves & 066356
effect of stopping for single-pick harvesting. 068977
After harvest planting of forage plants in ce- 068864
Post-harvest technology of foodcropsproble- 062654
as affected by rain during post-harvest dryi- 068687
Post harvest dipping of peaches. [Sclerotinia 069569
Relation between pre & post-harvest bitter 069794
Mechanical equipment for post-harvest proc- 071628
Fungicidal control of pre-harvest fruit drop 069362
Pre-harvest factors affecting tomato fruit qu- 072169
equipment for post-harvest processing & sto- 071628
corn: How to obtain a quality harvest? 068810
Anticipated rape harvest: Experiment Stati- 068739
Harvest & regrowth of turtle grass (Thalass- 068184
Citrus harvest results with air shaker conce- 068961
Effect of after-harvest soil tillage & catch c- 068895
Means of increasing stable harvest in hay in 068860
Desiccation & one-stage harvesting of red cl- 068792
loads in culture & harvesting of sugar beets. 071694
Effect of harvesting sugarcane at 12, 14, & 068801
Post-harvest technology of foodcropsproble- 062654
Timber-harvest clearcutting & nutrients in 066391
Nitrogen fertilization & harvest time for pa- 072139
of dessert apple harvesting, transport & pre- 063881
of combined units for harvesting vegetables, 071673
Organization of harvesting winter aftercrops 062417

HARVESTERS
Dufour's gland components of harvester ants 070928
A decision model for apple harvester selecti- 071648
Grape harvester recovery & losses. 071518

of a greenhouse leaf lettuce harvester. 071647
Potato harvesters. 071577
Over- -row harvester for dwarf fruit trees. [071519

HARVESTMEN
harvestmen from More & Romsdal & Trond- 071270

HATCHING
free flock by dipping of hatching eggs in ery- 065494
temperature of storage of hatching eggs on l- 065569
Tests on fumigating hatching eggs with for- 065652
Comparative study of hatchability, fertility 065004
Diurnal rhythm of egg laying, hatching of la- 071100
Lighting control at hatching periods for lay- 064933
of eggs: effects on hatching, survival, & fecu- 070571

HAULING
Agricultural haulage with motor lorries. 071631
suggested solutions on "long haul" logging s- 066514

HAWTHORNS
of Acaridim in controlling hawthorn mite. 070298

HAY
Mechanized harvest & storage of hay. 064106
On improving quality of hay. 068723
Equipment for hay making. 071576
On evaluating & raising quality of hay & ac-d 064098
Automatic controls for cold air hay drying. 071662
Yield of alfalfa hay increased by control of 069879
of weather & operation for hay balers. 071645
Supplementing coastal bermudagrass hay for 064599
Coastal bermudagrass hay for wintering beef 064848
harvesting & keeping alfalfa for hay & hay 064107
Hay & high-moisture corn. 064771
of increasing stable harvest in hay in lagoon 068860
Compressive wafering of leguminous hay. II. 071683
of feeding Cyolane--treated lucerne hay to c- 066039
for grass leaves. [Lolium perenne, hay]. 064065
Significance of hay quality in winter feeding 064878
elements deficiencies in hay from reclaimed 068206
milk obtained from cows fed with hay silage 064791
Pole barn with no walls or simple hay tower 071502

HEAD
Changes occurring in head of boar spermato- 065024
of skin folding & growth of head & limbs. 064529
methods for collection of tobacco head space 063713
in size of bull spermatozoa heads. 064958
of pectic substances from sunflower heads. II 068089
of pectic substances from sunflower heads. 068090

HEALING
cytochemical study of wound-healing protein 067552
of salve-compresses on wound healing in hor- 066024

HEALTH
Research in animal health areas will be stre- 065249
Animal health in 1971. 065290
Research in animal health areas will be stre- 065249
Public health aspects of Venezlelan equine 065399
Effect of stress factors on health of baby pi- 065344
in mitochondria from healthy & Botrytis ci- 068282
Health of broilers fattened in two poultry h- 064557
activity in seminal fluid of healthy bulls. 065209
Calf health & handling practices. 065250
Productivity & health of cattle as influenced 064867
Effect of health condition on storability of 063079
machines for maintaining health conditions 065239
isolated from milk of healthy cows. 063199
studies on some tests for health evaluation of 065885
Healthy soil--healthy vegetation--healthy fo-d: 072143
Health foods versus traditional foods: A co- 063252
Farmers & veterinarians: A healthy frame as 062996
Health of hens raised in typical coops with 064556
Health of hens in typical coops with refere- 064560
Health of hens raised in typical coops with 064561
Health of hens raised in typical coops with 065361
Health of hens in typical coops with refere- 065363
Health of hens raised in typical coops with 065364
Mineral fertilization & human health. 072062
zoonosis--danger to health & husbandry. 065432
Bacterial flora of healthy individuals of Agr- 070963
their utilization in healthy & infected wheat 069436
chloride on productivity & health of lactati-g 064747
Responses of healthy & macrophomina [pha- 068040
in milking machines for maintaining health 065239
cultures derived from healthy & mycoplasma- 069614
to plant-feeders in order to obtain healthy s- 069060
of WHO [World Health Organization] Exp- 070748
Public health pesticides. 070717
Northern Ireland pig health scheme. 065215
impact of coumarin on healthy plants & tho- 068211
to prevention of health & production losses 064826
from National Institute of Public Health in 063198
A bookshelf on veterinary public health. 065216
protection of environment & public health. 065226
Public health aspects of Venezlelan equine 065399
Public health pesticides. 070717
of pesticides in agriculture & public health in 070728
from National Institute of Public Health in 072610
Health registration of apiaries & measures f- 071413

Northern Ireland pig **health scheme.** 065215
as high-yield producers of **healthy seed** pota- 069062
Culture of **healthy seed** potatoes in Estonia 069063
of measures for culture of **healthy seed** pota- 069064
of measures for culture of **healthy seed** pota- 069067
Production of **healthy seed** potatoes in cove- 069181
Healthy **soil--healthy** vegetation--healthy fo- 072143
feeders in order to obtain **healthy stock.** 069060
of nucleic acids in organs of **healthy swine** 065831
in milk as well as for use of **udder health.** [063574
Healthy soil--healthy **vegetation--healthy** fo- 072143
associated with grafting of **healthy & virus-i-** 068243
in quantity of ribosomes in **healthy & virus-** 069668
twentieth report of WHO [**World Health O-** 070748

HEARING
Noise-**induced hearing** losses of tractor driv- 071507

HEART
on ATP & phosphocreatine in **heart.** [Rats] 064251
On regional metabolism of **beef heart** ventri- 064253
b566, & cytochrome c in **beef heart** mitocho- 064319
of conformational change in **beef heart** mito- 064423
Congenital **cervical heart** position in a pig: s- 065953
relationship of animal fat to **heart disease.** 063270
feeding liver, spleen & **heart** of an **infected** 065504
Heart rot of black spruce in Ontario. I. stem 069274

HEARTWOODS
wood in relation to formation of **heartwood** 068572

HEARTWORMS
prevention of **canine heartworm** disease. [Di- 065398

HEAT
on properties of sugar solutions when **heated** 063803
of wheat grain during drying with **preheating** 063780
made from grass dryed with **hot air.** 064873
of automatically regulated hot **air heating** on 071442
parameters of tobacco dryer with **air heated** 071675
DLG testing of **animal heaters** for rearin pig- 071642
different submergence times in **hot calcium** 063957
effluents, thermal soils & self-**heated coal** w- 065585
Hot & cold therapy can help joint injuries. 065251
Effects of **reheating convenience** foods. [Nut- 063239
Heating & cooling a greenhouse. 071423
Methods to **detect heat** in cattle. 065135
method for diagnosis of **heat & drought** resi- 068035
grains of indica rice plants in **dry, hot** season 069774
Time & **heating-effect** of vitamin A loss in b- 063282
Heat effect on fermentation of red vintage; 064009
Electric heating for livestock buildings. 071484
of bovine plasma induced by **heat exposure.** 064453
due to air infiltration of **heated greenhouse** 071468
of soil heat transfer in **heated greenhouses.** 071467
of some proteins after **heat hardening** of wh- 068183
Heat inactivation of trypsin inhibitor, lipox- 063755
Compounds contributing to **heat-induced** bit- 063961
Phytoalexin nature of **heat-induced** protecti- 069492
greenhouse air conditioning. 3. **Heat loss** due 071468
mechanics 1. Effect of **heating-material** (cha- 071682
Microwave heating for meat industry. 063644
Processing hot sausages without smoking wi- 063593
Effects of **heat processing** on retention of vi- 063960
Computes efficiency of **regenerative heat** tr- 063512
A study of automatically **regulated hot** air h- 071442
Heat regulation of newborn rabbits: Some p- 064458
Effect of **heat resistance** on duration of inte- 064495
Processing **hot sausages** without smoking wi- 063593
Production of **hot sausages.** 063594
of indica rice plants in dry, **hot season** in T- 069774
spring effluents, thermal soils & **self-heated** 065585
results of actual observations of **soil heat** tr- 071467
a cause of avian encephalitis, in **hot spring** e- 065585
Production & **heat stability** of staphylococcal 063295
kinetics in relation to **heat sterilization** of f- 063327
Effects of **heat stress** in brood sows. 064993
Air temperature, **heat sums,** & pollen shedd- 068532
from point of view of **heat technology** & ope- 071509
Air **temperature, heat** sums, & pollen shedd- 068532
efficiency of regenerative **heat transfer.** [Mi- 063512
of actual observations of soil **heat transfer** in 071467
Toxic effect of **heat-treated** Bacillus cerus c- 066051
Effects of **heat treatment,** UV [ultra violet] 064036
of overhead irrigation on **heat & water**-air c- 072465

HEATHS
metal elements in two **heath ecosystems.** [C- 066857
Area of distribution of **snow heath** (Erica he- 066660

HECTARES
a new chilli that yields 800 kg **per hectare.** 069074

HEDERA
saponin b from **Hedera caucasigena.** 067529
B, a saponin from **Hedera caucasigena.** 067531
hederacolchiside E, from **Hedera colchica.** 067523
a spectacular specimen of viy, **Hedera helix** 072504

HEDGES
Sound abatement with **hedges.** 069045
National forest inventory: **Hedges inventory** 066127

HEIFERS
SEE CATTLE

HEIGHT
m on various elevatich spruce **attains height** 066296
saw timber stems based on **breast height** di- 066202
due to differences in **canopy heights.** 067966
Effects of **heights** of **cutting** after grazing on 068847
Height growth prediction for black locust on 066316
Heritability of lowest **pod height** in soybeans 067108

HELENIUM
SEE COMPOSITAE

HELIANTHUS
characters in sunflower **(Helianthus annus)** 067137
Development & aging in **Helianthus annuus** 068013
sunflower plants **(Helianthus annuus).** 068098
gamma-radiation in **Helianthus annuus** L. [068181

HELICHRYSUM
new azulene from **Helichrysum bracteatum** 067487

HELIOTHIS
in host cadavers. [**Heliothis armigera,** Spod- 070259
spraying implications. [**Heliothis armigera,** 070324
New record of **Heliothis armigera** Hubn. as 070343
Diparopsis castanea, **Heliothis armigera**]. 070379
on tomato fruits. [**Heliothis armigera**]. 070450
Heliothis zea, **Heliothis virescens**]. 070309
Station. [Heliothis **virescens, Heliothis** zea, 070403
weevils. [Heliothis zea, **Heliothis virescens,** 070404
of tobacco budworm. [**Heliothis virescens**]. 071057
at Dell & Newport in 1972. [**Heliothis zea**] 070310

HELIX
a spectacular specimen of viy, **Hedera helix** 072504

HELMINTHIASIS
Gastro-**intestinal helminthiasis** in swine. 065636
Pulmonary helminthiasis in cattle according 065563
Drugs for control of **helminthiasis** in **sheep.** 065774

HELMINTHOSPORIUM
by **Helminthosporium cynodontis.** 067703
pathogen of **disease, Helminthosporium** sati- 069566
sampling of **Helminthosporium maydis** race 069515
of ract T of **Helminthosporium maydis** on a 069516
infected with **Helminthosporium maydis** race 069523
to race T of **Helminthosporium maydis,** Nis- 069547
tissues induced by **Helminthosporium maydis** 069501
of rice. [**Helminthosporium, Nigrosporia,** C- 069297
Pyricularia **oryzae, Helminthosporium** oryz- 069556
amongst three isolates **os Helminthosporium** 069359
hosts of **Helminthosporium sacchari** (Van B- 069381
metabolism of **Helminthosporium sativum** P 069423
rot fungi. [**Helminthosporium sigmoideum**]. 069298
as hosts of **Helminthosporium sorokinianum** 069457
conditions on **Helminthosporium turcicum** 069413

HELMINTHS
Helminths of **domestic** carnivores of KzylO- 065682

HEMAGGLUTINATION
titer of **hemagglutinins** in **complex** protein p- 065675
Antibodies **inhibiting haemagglutination** of 065570
reference to **haemagglutination-inhibiting** an- 065895
Passive hemagglutination test for histoplas- 065393
Hemagglutinins of **virus** of infectious bronch- 065764

HEMATOBIA
cows affects horn flies.[**Haematobia irritans**] 064707

HEMATOLOGY
Picoscale in **hematological diagnosis** of leuc- 065974
dietary copper on weight **gain, hematology** 064438
Hematological & pathological changes in ac- 065243

HEMEROCALLIS
SEE LILIACEAE

HEMICELLULOSES
from sunflower heads. II. **hemicelluloses.** 068089

HEMILEIA
Hemileia vastatrix, **Hemileia coffeicola**]. 069542
leaf rust in Brazil. [**Hemileia vastatrix**]. 069322

HEMIPLEGIA
Thiamin & equine **laryngeal hemiplegia.** 065975

HEMIPTERA
behaviour of cocoa-capsids **(Hemiptera:** Mir- 070247
Saccharicoccus sacchari (Ckll.) **(Hemiptera:** 070323
stages & biology of Zelus socius **(Hemiptera** 070778
Podisus maculiventris Say. **(Hemiptera:** Pen- 071083
Genus Menecles Stal **(Hemiptera;** Pentatom- 071223
Miridae of Wisconsin **(Hemiptera:** Heterop- 071355
bivoltine pondskaters **(Hemiptera, Gerridae]** 070833
Miridae from Spain **(Hemiptera, Heteropte-a)** 071235
in southern Germany **(Hemiptera, Miridae)** 071226

HEMLOCKS
swellings on western **hemlock caused** by Ne- 069273
in tree-injector wounds on **western hemlock.** 069511

HEMOBARTONELLA
microscopic features of **haemobartonella felis.** 065392

HEMOGLOBINS
of serum transferrin & **hemoglobin alleles** in 064980
Ontogeny of **chicken hemoglobin.** II. Chro- 064448
Reiteration frequency of **duck haemoglobin** 065049
fat & vitamin E on **hemoglobin formation &** 064460
interactions involving two **hemoglobin loci** of 070771
Variations of **haemoglobin polymorphism** in 064396
Hemoglobin polymorphism in cattle. 065175
Types of **hemoglobin, transferrins** & protein 065149
potassium levels & **haemoglobin types** in Pe- 065000
Relation of transferrin & **hemoglobin types** 065096

HEMOLYMPHS
activity of **intestinal hemolymph** of Ixodoid- 070629
investigation based on **hemolymph ionic &** 070808
from **haemolymph** of **tenbrionid** beetles. [Bl- 070918

HEMOLYSIS
Canine hemolytic complement: optimal cond- 064277
of beta-**hemolytic & Escherichia** coli organi- 065706

HEMONCHUS
invasion of lambs by **Haemonchus cocortus** 065691

HEMP
residues on soiil fertility & **hemp yield.** 071728

HENS
SEE CHICKENS

HEPATIC
Effect of various sugars on **hepatic glucose-6** 064437
induced changes in **hepatic microsomal** enz- 070684

HEPATICA
in swiss mouse & with **Fasciola hepatica** in 065372
Studies on development of **Fasciola hepatica** 065473
of chemical compounds. [**Fasciola hepatica**] 065532
of fascioliasis in cattle. [**Fasciola hepatica**]. 065562
for mass production of **Fasciola hepatica** mi- 065593

HEPATICAE
in Czechoslovakia. XII. [**Hepaticae**]. 066665

HEPATITIS
strains of infectious **canine hepatitis.** 065718
On control of **virus hepatitis** in ducklings. 065816
of measures for control of **virus hepatitis** in 065817

HEPTACHLOR
of aldrin, dieldrin & **heptachlor compounds** 070352
Aldrin, dieldrin & **heptachlor persistence** in 070460

HERBACEOUS
dwarf shrub & **herbaceous communities** in fo- 066840
distribution of snow heath **(Erica herbacea** 066660
between some species of **herbaceous plants.** 066897
Survival on **herbage plots** of infective larvae 065528
their influence on **herbage productivity.** [R- 070071

HERBICIDES
sugar beet sowing with use of **herbicides.** 068789
of plant protection products & **herbicides.** 069896
Root function & soil. [**Herbicides**]. 069949
on placement & activity of **herbicides:** a res- 069985
Late spraying of winter wheat. [**Herbicides**] 069992
rotundus & its response to **herbicides.** 069997
Garden maintenance with **herbicides.** 070014
perennial sowthistle selections to **herbicides.** 070110
is Metribuzin? (BAY. 94 337). [**Herbicides**] 070111
Rationalization by application of **herbicides** 070127
Jerusalem artichoke by means of **herbicides** 070161
Weed control in potatoes with **herbicides.** 070170
Effect of **herbicide** 2,4-D (butyl ester) on ch- 070174
of plant protection products & **herbicides.** 070192
on activity of pentachlorophenol. [**Herbicide**] 070199
mechanical soil tillage with **herbicides.** 070203
of several field crops with use of **herbicides.** 070204
mechanical soil tillage with **herbicides.** 072310
of vegetable crops to soil-**acting herbicides.** 070050
to a range of foliage **acting herbicides.** 070087
complex in relation to **herbicide activity** & a 070022
Phytotoxicity & **herbicide activity** relative to 070154
Processes **affecting herbicide** action in soil. 070181
Lenacil as a **herbicide** in **amenity** horticultu- 069978
Activated charcoal as a **herbicide antidote.** 069943
Leaf surface factors. [**Herbicides, application**] 070019
Herbicide application to stands of Valeriana 070156
experimental granular **herbicide applicator** f- 070142
Soil-**applied herbicides** in practice. 069950
Effect of **herbicide** when **applied** to narcissus 069975
Behaviour of six soil-**applied herbicides** in s- 070001
efficacy of foliage-**applied herbicides:** applic- 070015
Use of **herbicide Asulam** for postemergent d- 070163

Use of sugar **beet herbicides** on sandy soils. 069960
terbacil, atrazine & other **herbicides** in **bush** 069980
Effectiveness of **herbicides** for **cabbage** grown 070133
with a base of **herbicides** for **carrot** & beet c- 070205
Comparative efficiency of **certain herbicides** 070146
on effectiveness of **herbicide composition** un- 070237
experiments with **herbicides** for **control** of p- 070084
Herbicidal control of weeds in sweetpotato, 070215
of pre-planting **couchgrass herbicides.** [Agro- 070089
treatments with **herbicides,** using **cuttings** of 070233
On a poisoning with **herbicide Deliquat** in s- 066038
Herbicides & **ecological** reflections. 070113
A **herbicide effect** in meiosis of Vicia faba. 069933
Some new **herbicides effective** against wild 070023
Post-emergence herbicide experiments in pe- 069966
Selectivity of post-**emergence herbicides** for 070041
Use of preand post-**emergence herbicides** in 070047
of dosage of pre-**emergency herbicides** based 070173
metering dispenser. [**Herbicide evaluation** e- 069951
Herbicide evaluation in peas & french beans 070012
Herbicide evaluation in Brassica crops-1968 070038
Post-emergence **herbicide experiments** in pe- 069966
Herbicide field evaluation trials on field cro- 069941
Problems associated with **herbicide field** ex- 070100
Rodenticides, **herbicides, fkngicides** & insect- 066015
of an experimental **granular herbicide** appli- 070142
effects of weeds & **herbicides** on **growth** & y- 070033
Chlorella to monuron a **herbicide inhibiting** 070198
effects of two **herbicides** on **invasion** by Fo- 069511
Herbicidal action of **iodide:** effect on chloro- 070225
use of cyanazine as a **herbicide** on **light** soils 069970
in mixtures with other **herbicides** in **maize** c- 070227
amount of **herbicides** & their **metabolites** in 070743
Effect of **herbicides** & **microelements** on gr- 068498
different doses of **herbicides** on **microflora** of 070151
Effectiveness of **herbicide mixtures** with anti 070177
Role of **herbicides** in **modern** fruit managem- 070007
Herbicide movement & availability in soils. 070021
spp. in rice by **herbicide Ordram** 6 E. 070175
Herbicides in **perspective**-- respective roles 070025
Herbicides in **perspective**-- respective roles 070026
Weed control with **phenoxy herbicides** on n- 070178
of **phenoxylkylacid herbicides.** 070703
as influenced by use of **herbicides** & **post-**pl- 069129
Evaluation of **herbicides** for **post-**emergence 070057
of chlortriasine-based **herbicide preparates.** 069936
in yeast by **herbicide preparations.** 067313
Effects of **herbicides** on **productivity** of fodd- 070224
Evaluation of new **residual herbicides** to con- 069969
plantations to a range of **residual herbicide** 070090
chemical: **Rodenticides, herbicides,** fkngicides 066015
A new **selective herbicide** for rice S-(2-meth- 070002
uracils used as **selective herbicides.** 070005
a new pre-emergent **selective herbicides.** 070006
for development as a **selective herbicide** in 070055
Extension work with **herbicides** in **small** sca- 070010
prediction of leaching of **herbicides** in **soils.** 070104
in relation to application of **herbicide Solan** 068218
a new flexible broad **spectrum herbicide** for 070004
field experimentation. [**Herbicides, sprayers** 071528
clay loam: effect of **herbicide treatment.** 070148
economics of **herbicide treatments** for weed 069942
to a range of residual **herbicide treatments.** 070090
Effect of **herbicide, Trifluralin,** on Rhizocton- 069504
Effects of **herbicides** on **turfgrass** ecosystem 070144
solution fertilisers & **herbicides** in **United** K- 069991
HOE 2991, a new selective **urea herbicide.** 070003
Bay 6339 H, a new **herbicide** for **weed** cont- 069957

HERBIVORES
Herbivore feeding & cyanogenesis in Trifoli- 068015

HERBS
New habitat of Croccus **heuffelianus Herb** in 066643
Herbs & **spieces**--a bibliography. II. 063345

HERDS
For increased reproduction of **herd.** [Artifici- 065164
bulls & increased multiple breeding of **herd** 065171
antibiotic treatment of **herd,** & **biologic** cha- 065382
Breeding methods & **herd book** keeping in c- 064987
Chlamydia psittaci in a closed **bovine herd:** 065382
of age & sex composition of **cattle herds** in 064199
Hierarchy within a **herd** of **cattle.** 064469
of forage supply for large **cattle herds** under 064864
Dairy **cattle herd** improvement. 065064
operations in commercial **cattle herd.** 065166
of parasite control on **herd composition.** 065624
of cost of production of **dairy herd.** 062520
Using D.H.I.A. [**Dairy Herd** Improvement 064123
Use of metabolic profiles in **dairy herd** man- 064956
bovine mastitis in two Israeli **dairy herds.** 065612
mineral feed for improving **herd fertility.** 065112
Keep your **herd free** from mastitis. 065517
Using D.H.I.A. [Dairy **Herd Improvement** 064123
of young dairy cattle for **herd improvement** 064189
Dairy cattle **herd improvement.** 065064
Herd improvement is determining factor in 065085
mineral feed for **improving herd** fertility. 065112
Mastitis control in **large herds** of cattle of 065609
Littleport herd of British Friesians. 064957
profiles in dairy **herd management** & also as 064956
Cryptorchidism in a **herd** of **Rathi** cattle. 065931
mating information wheel for **seasonal herds** 065038

HERDSMEN
reindeer (rangifer tarandus L.) & **herdsmen** 064567

HEREDITY
On **hereditary characteristics** of composition 065092
Heredity of some **characters** in sunflower (067137
Heritability estimate of birth weight in Ra- 065006
Evaluating heredity of productive qualities in 065152
methods of estimation of **hereditary factors** 064984
Study of **heredity** of **hide** supply & dynamics 065189
phenotypic corelations & **heritability indices** 065062
correlations & of **heritability indices** of usef- 065077
appearing to be **hereditary** in **Khuzistan** la- 064947
Heritability of **lowest** pod height in soybeans 067108
coefficient of **heredity** of **proteins** in cow's m- 065192
Hereditary resultus of Holstein-Friesian bul- 065131
On **hereditary substantiated** aplasia & hypo- 065979
A world **heritage trust.** [Environment protec- 072544
Study on **hereditary variation** of plasma est- 069800

HERITAGE
SEE HEREDITY

HERMAPHRODITISM
Hermaphrodite flowers in Euphorbiaceae: C- 066970

HERNIA
for correction of a **diaphragmatic hernia.** 065245
case of pericardiac **diaphragmatic hernia.** 065939

HERPES
of turkey herpes & Marek's **disease herpes** v- 065434
of air humidity on tenacity of **equine herpes** 065424

HERPESVIRUSES
of cat. Ii. Experiments with **herpesviruses.** 065548
microscopic study of **pigeon herpesvirus** in 065903
Plaque assay of **turkey herpesvirus** & attenu- 065901

HESPERIIDAE
of a new species from Mexico **(Hesperiidae)** 071204

HETERODERA
oxy)thioformimidate, **against Heterodera** ro- 069807
Control of potato cyst-**nematode, Heterodera** 069758
on occur rence of **nematode Heterodera** ros- 069854
varieties resistant to **nematode Heterodera** 069857
potato nematode. [**Heterodera rostochiensis**] 068220
nematicides to **Heterodera rostochiensis** lar- 069805
as pest of cabbage. [**Heterodera schachtii**]. 069858

HETERODERIDAE
Chitwood, 1949 **(Nematoda, Heteroderidae)** 069824

HETEROGENEITY
Genetic heterogeneity of "albinos" mutation 070776
study of **heterogeneity** of **hemoglobin** in dev- 064448
of strength, tilth & **heterogeneity** of **soil** sur- 068630
of Porchet method to **heterogenous soils.** 071855

HETEROKARYONS
A medium for **heterokaryon formation** in Rh- 067764

HETEROMETRUS
functions of **scorpion Heterometrus** swamme- 070878

HETEROPEZA
Heteropeza pygmacea & Mycophila speyeri, 070509

HETEROPHYLLY
crop. [tsuga **heterophylla, Nothofagus** proce- 066385
Picea sitchensis, **Tsuga heterophylla**]. 066387
Arceuthobium tsugense, **Tsuga heterophylla**] 069273
on western hemlock. [**Tsuga heterophylla**]. 069511

HETEROPTERA
of Dysdercus cingulatus F. **(Heteroptera:** Py- 070243
Trichocorixella mexicana **(Heteroptera:** Cor- 070783
pandurus militaris Fabricus **(Heteroptera:** L- 070992
Sphaerodema rusticum Fabr. **(Heteroptera:** 071090
of four new species **(Heteroptera:** Miridae). 071148
second species of Lepionysiini **(Heteroptera:** 071161
of Wisconsin (Hemiptera: **Heteroptera).** 071355
Miridae from Spain **(Hemiptera, Heteropte-a)** 071235
Heteroptera, Notonectidae). 070758
Moravia **(Heteroptera, Pentatomomorpha** L- 071159

HETEROSIS
i. Agronomic characteristics. [**Heterosis**]. 067102
Diallel analysis of leaf **area heterosis** & rela- 067104
Symptoms of **heterosis** in **crosses** of lines of 065093
of parental varieties on **heterotic effect** in F 067384
Prospects for use of **heterosis** in **forest** trees 066364
Breeding of swine: **heterotic hybrids.** 065086
Breeding & seed culture of **heterotic hybrids** 067226
Nucleic acids in seeds of **maize heterotic** hy- 067989
I. degree of **heterosis** & its **phenomenon.** 067297
Nature of **heterosis** in **polyploids.** 067359
Heterosis in **reciprocal** crosses of winter wh- 067368

HEVEA
in west Malaysian rubber holdings. [**Hevea**] 072178
fertiliser use in rubber cultivation. [**Hevea**]. 062554
requirements of **Hevea brasiliensis** in relati- 067787
crowns for top working. [**Hevea brasiliensis**] 069219
pseudoferreum. [**Hevea brasiliensis**]. 069539
of Malaya] Ethrel trials. [**Hevea, tapping** St- 062555
on raw rubber properties. [**Hevea, tapping**]. 063419
trials: progress report. [**Hevea, tapping,** sti- 069214
trials: preliminary findings. [**Hevea, tapping** 069215
trials: preliminary results. [**Hevea, tapping,** 069216
on raw rubber properties. [**Hevea, tapping**]. 069221
preliminary results. [**Hevea, tapping,** Stimu- 069222
some promising stimulants. [**Hevea, tapping** 069223
with Ethrel yield stimulant. [**Hevea, tapping** 069224

HEXACHLORIDE
total DDT & HCH [**benzene hexachloride**] 063209

HEXANE
tocopherols, **hexanal formation.** 063785
milled rice with **n-hexane treatment.** 063722

HEXAPLOIDS
of inflorescnece in **hexaploid wheat** cultivars 066963

HEXOSES
maleic hydrazide (MH) on **hexose content** of 063987

HIBERNATION
weight & water content in **hibernating larva** 070836

HIBISCUS
local varieties of okra **(Hibiscus esculentus)** 069076
Ornamental Hibiscus--propagation & culture 069037
in detached leaves of **Hibiscus rosa-sinensis** 068289

HIERARCHY
Hierarchy within a **herd** of cattle. 064469

HIGHLANDS
in NW Himalayas & **highlands** of **India.** 071782
formation in **Novogrudskii Highlands.** 072334
Highlands Research Unit Ethrel trials: prel- 069216

HILLS
in Centraland Middle **Burgenland hilly** coun- 071521
of Aleppo pine in southern **Judean hills.** [Pi- 068587
some species of Graminaceae & in **hill lawn** 068187
compensating ability of **neighboring hills.** 068685
Hill Section cotton variety tests. 068767
soddy-podzolic eroded soils of **hilly upland** of 068757
Banu Maracine wine centers from **hill zone** 064019

HINGES
with tapered members. 3. Two-**hinged gable** 066456

HIP
small eminences in case of **hip joint** dysplas- 065942

HISTIDINE
on content of free lysine, **arginine, histidine,** 064635

HISTOCHEMISTRY
Histochemical changes occurring at seedling 068515
I. **Histochemical, histoautoradiographic** & c- 066924
Histochemical & **histoautoradiographic** exa- 067395
Ontogeny & **histochemistry** of **intermediate** 067480
Histochemical localization of enzymes in T- 067457
Histochemical location of ketose-reductase 064408
Histochemical, organoleptic & tenderness p- 063639
Histochemical patterns in leaf abscission. 067829
anatomical & **histochemical studies.** [Pears] 067035
An **histochemical study** of cytochrome-oxida- 064487
Histochemical study of sorghum pollen. 068189

HISTOGENESIS
Histogenesis of **muscle** tissue of Large White 064506
study of **histogenesis** of **ultimobranchial** body 064409

HISTOGENETIC
investigation from **breeding histogenetic** poi- 067181

HISTOLOGY
Dermestidae). II. **Histological changes.** 070574
Histological characteristic of thyroid glands 064261
of plants, & cyto-**histological characteristics** 068942
on ACTH-induced steroid **output, histology** 066048
morphology, & **histology** of **seasonal** forms of 071098
Histology in **studies** of toxicity to sheep & 066069

HISTONES
Histones of **chicken** erythrocytes. IV. Quant- 064330
Histone fractions in chicken bursa of Fabric- 064348
Localization of **histones** & their **synthesis** by 068360
Study of F2b fraction of calf **thymus histone** 064329

HISTOPATHOLOGY
Histopathologic evidence of bovine paratube- 065598
v. Volans), with **histopathologic notes** on a 070618
Studies on **histopathology** of **porcine** pneum- 065498

HISTOPLASMOSIS
test for **histoplasmosis**, using **histoplasmin**-s- 065393

HIVES
A mini-survey of **hive stands**. [Beekeeping e- 071384

HOEING
HOE-2991 (3-tetrafluorethoxyphenyl-N,N-d- 070004
HOE 2991, a new **selective** urea herbicide. 070003

HOLCUS
Alopecurus pratensis L., **Holcus lanatus** L. 066978
Festuca rubra, Poa trivialis, **Holcus lanatus**] 070069

HOLES
of deformed shanks, prebored **lead holes**, & 066550
mechanism of discharge of **holes trapped** in 068272

HOLIDAYS
A **holiday** in or near **western** Alps in June- 071179

HOLSTEIN
SEE CATTLE

HOME
Home economics advisory work in a changi- 063285
plumbing repairs for **home & farmstead**. 063287
Home Food Preservation Section at Long A- 063264
of insect & mite pests of **home & garden**. 070299
chart for ornamentals in **home garden**. 070492
plants & their control by **home gardeners**. [070434
Home gardens for Piedmont South Carolina 068962
pests of tree fruits & nuts--**home orchard** co- 070514
insect spray schedule for **home orchards**: pe- 069916
insect spray schedule for **home orchards**: ap- 069917
trees, shrubs, & lawns for **home owners** coo- 070515
Home-produced raw materials: main basis f- 063920
for commercial & **home production** in Illino- 069056

HOMEMAKERS
choice used by Alabama **urban homemakers** 062615

HOMEOSTASIS
Amino **acid homeostasis** in gut lumen & its 063278

HOMESTEADS
Libertization of **homestead law**. 2. 062993

HOMOBASIDIOMYCETES
of **Homobasidiomycetes collected** in Iran. 066718

HOMOGENIZATION
on physical phenomena of **homogenization**. 063528

HOMOLOGY
activity of **homologous chromosome** loci in 071042
Homologous interference between componen- 069715
of size of puffs of **homologous loci** of third c- 071040

HOMOPTERA
aphid, Rhopalosiphum maidis (**Homoptera**: 070315
Nephotettix cincticeps Uhler (**Homoptera**: Ci- 070402
Acyrthosiphon Mordv., 1914 (**Homoptera**: 070796
Trioza erytreae (Del Guercio) (**Homoptera**: 070842
midgut of machaerotid larvae (**homoptera**). 070927
New Jersey, a few more records (**Homoptera**: 071219
oryzivora Ghauri (Typhlocybinae: **Homopte-a** 070371
a new genus & two new species (**Homoptera** 071150
Baerensprung) (**Homoptera, Aleyrodina**) wi- 071098
of aphids (**Aphidodea, Homoptera**) on wild 070287
organs of aphids (**Homoptera, Aphidoidea**). 071078
world gyponinae (**Homoptera, Cicadellidae**). 071137
prunastri (Fonsc.) (**Homoptera, Coccoidea**, 070496
of genus Psylla (**Homoptera, Psylloidea**) fr- 071369

HOMOROCORYPHUS
ststus of species **Homorocoryphus nitidulus** 071087

HOMOTHALLISM
mutants in a **homothallic strain** of Physarum 067150

HOMOZYGOTES
on combining ability of **homozygous self**-inc- 067146

HONEY
to determine amylase count in **honey**. 063325
Honey: miraculous expression of creativity of 063379
Of bees & **honey**. [Apis mellifera]. 071376
Study of insect blood in **adult honey** bee (A- 071410
nematodes on **Armillaria mellea** root rot of 069525
Honey bee visits increase yields of "Orlando 068362
of insecticides used in Poland on **honey bee** 070280
of preening movements in **honey bee**. [Apis 071378
Honey bee visits increase yields of "Orlando 071389
of insecticides used in Poland on **honey bee** 071408
Alarm pheromones of **honey bees**. 071373
response to nitrobenzene-d5 of **honey bees** 071381
Queens, queens & more queens. [**Honey bees**] 071386
Mass marking **honey bees** for behaviour stu- 071391
A new parasitic disease of **honey bees** in Bu- 071412
World **honey market**. 062616
Inhibition of trypsin by **honey** & **possible** fu- 070791
Characterization of **honey** with **regard** to pl- 063355

HONEYBEES
SEE BEES

HONEYSUCKLE
teratology & fusion problems of **honeysuckle** 066953
of auxins & inhibitors in **honeysuckle buds**. 067590
Quantity & quality of **Japanese honeysuckle** 066133

HOOF
for preventing **hoof damages** when starting 066046

HOPPERS
on resistance of green rice **leaf-hopper** to in- 070399

HOPS
Equilibrium moisture content of **hops**. 063380
of Tetranychus urticae koch on **Hops**. 070288
Terra-Sytam in control of plum-**hop aphid** on 070272
Fertilization of **hop cultures** with minor ele- 072058
Determining hop dosage after results of ana- 063407
urticae Koch on **hops** with **experimental** aca- 070289
Intensification of **hops production** in Poland 069211
Annotated bibliography on **hops--vegetative** 069205

HORDEUM
halophila, a pathogen of **Hordeum leporinum** 069528

HORIZONTAL
Horizontal distribution of Oribatei in exhau- 070820
vapor transfer coefficient on **horizontal leaf**- 067625
Preliminary observations of a **horizontal pad** 071487
Horizontal resistance to diseases & genetic 067343
Management of large-volume **horizontal silos** 064056

HORMONES
dioxide) in combination with **hormones** (B- 069986
materials with insect **hormone activity**. XV. 070806
XIV. Function of corpus **allatum hormone** on 071397
Use of a juvenile **hormone analogue** against 070245
on effects of juvenile **hormone analogues** on 070602
Effects of juvenile **hormone analogues** on m- 070774
Effect of a **hormone antagonist** on rooting of 068439
Pituitary & gonadal **hormones associated** wi- 065014
active fractions of insect **brain hormones** (ac- 070856
bursa of Fabricius after **hormonal bursecto-y**. 064571
Hormone content of ripening grape berries 068444
Hormonal control during pregnancy. 064377
Hormonal control of precursor pools, ribon- 064426
Hormonal control during pregnancy. 064991
Pituitary & **gonadal hormones** associated wi- 065014
Release of **growth hormone** in response to 064432
yield & level of prolactin & **growth hormone** 064433
Economical significance of **growth hormones** 064670
root resistance, & **hormonal imbalance** in th- 068263
of castration, ration & **hormone implants** on 064417
Hormonal induction of supernumerary insta- 070530
Hormonal influence on fat deposition. [Swi- 064480
Juvenile **hormone-initiated** sexual maturity 070853
synthetic materials with **insect hormone** act- 070806
Use of a **juvenile hormone** analogue against 070245
studies on effects of **juvenile hormone** analo- 070602
Effects of **juvenile hormone** analogues on m- 070774
Juvenile hormone-initiated sexual maturity 070853
Serum **luteinizing hormone**, prolactin, gluco- 064428
concentrations of **luteinizing hormone** during 064931
Plasma **lutenizing hormone** & oestrogen in f- 065019
Influence of **plant hormones** on plant storage 067864
Serum luteinizing **hormone, prolactin**, gluco- 064428
a membrane matrix **regulating hormone** acti- 068449
Hormonal regulation of development of ma- 064380
Hormonal regulation of physiological proces- 068484
glands by throtropin **releasing hormone** (T- 064311
of gonadotrophin-**releasing hormone** or estr- 064350
TRH [Thyrotropin-**releasing hormone**] on s- 064353
Effect of thyrotropin **releasing hormone** on 064431
infections. X. Influence of **sex hormones** on 065893
for ovine follicle **stimulating hormone**: intef- 064309
Release of thyroid **stimulating hormone** from 064311
of FSH [follicle-**stimulating hormone**] after 064350
TSH [stimulating **thyrotropic hormone**] & 064353
diseases of livestock with **hormonal-tissue** b- 064528
Hormonal treatment of cryptorchism in bulls 065178
Hormonal triggering of premature puberty in 065133

HORNBEAM
of Apterygota in oak-**hornbeam forests** of so- 070761

HORNS
Ration fed to cows **affects horn** flies.[Haem- 064707
study on incidence of right-horn & **left-horn** 065058

HORNWORMS
in tobacco **hornworm, Manduca** sexta. 070916

HORSEBEANS
viruses on growth & yields of **horsebean**. 069699

HORSEPOWER
Attempt to **predict horsepower** & output of 071582
160 **Horsepower tractors** in Zeeland. 071602

HORSES
turnover & irreversible loss rate in **horses**. 064415
membrane of tendon sheath of digit of **horse** 064544
Nutritional physiology & feeding of **horses**. 064762
determined by radioimmunoassay. [**Horses**] 064931
of Stresnil & Hypnodil in **horse**. 065213
controlled respiration performed on **horses**. 065291
as a substitute for halothane in **horse**. 065298
effects of corticoid therapy in **horse**. 065302
Pneumocystis carinii pneumonia in two **foals** 065397
of Strongylus vulgaris migrations in **horse**. 065457
larvae of strongylid nematodes of **horse**. 065528
mating infection with Klebsielle in **horse**. 065606
in upper respiratory tract of **horse**. 065657
Venous anomalies in a **filly**. 065909
Uterine prolapse in a **mare**. 065910
Chronic pulmonary disease in **horse**. 065920
of osteodystrophia fibrosa in cat & **horse**. 065943
of arthropathy in spinal column of **horse**. 065956
blood & synovial fluid composition of **horse** 065968
A case of intestinal torsion in **equine**. 065977
Chronic lead poisoning in **horses**. 066017
compresses on wound healing in **horses**. 066024
Wounds in **horses**. 066037
characterization of an **equine adenovirus**. 065514
to prevention & therapy of "**foal anemia**". 065605
Complications in **horses** after **application** of 066032
horse & his influence on world **Arab horse** b- 065072
reserve in Thoroughbred **horse blood** in win- 064244
Mineral requirement of warm-**blooded horses**. 064769
Horse bots: how to control them. [Gasterop- 065671
Survey of half-**bred fillies** in Halland. 064140
his influence on world Arab **horse breeding** 065072
i. Onchocerca cervicalis in **British Horses**. 065529
Quezon province. [Cattle, **horses, buffaloes**] 065596
farm complexes. [**Cattle, horses**, rabbits]. 064143
in treatment of animals. [**Cattle, horses**, swi- 065269
Hoechst in field treatment. [**Cattle, horses**, 065573
anthrax in Quezon province. [**Cattle, horses**, 065596
during estrous cycle of **mares** as **determined** 064931
organs (pelviscopy) of **horse & donkey**. 065237
Public health aspects of Venezlelan **equine** 065399
Horse, environment & stall: consideration on 071433
Paracentesis of **equine eye**. 065286
Increased production of mixed **horse feed**. 064075
analysis of dispersal in a **horse-fly**, Tabanus 071007
social organization of New **Forest Ponies**. 064282
of air humidity on tenacity of **equine herpes** 065424
associated with age in **thoroughbred horses** 064570
Equine infectious anemia: sensitivity of agar 065445
spectrophotometry. [**Horses, kidneys**]. 066034
Level of mercury residues in **horse kidneys** 066504
Protein requirements of **mares** for **lactation** 064695
Energy requirement of **mares** for **lactation**. 064699
Thiamin & **equine laryngeal** hemiplegia. 065975
in casein, extracted soya bean **meal, horse** b- 064635
of PL-3 Lublin virus in sera of **men, horses**, 065570
Increased production of **mixed horse** feed. 064075
Working performance. [**Horses, muscles**, ph- 064393
antibodies in imported & **native horses** using 065594
Serum types of **Nordland horse** & Norwegian 064461
vasopressin in **mare** during **parturition**. 065021
dairy, beef, swine, poultry, **horses, pets**, 197 070592
dairy, beef, swine, poultry, **horses, pets**. [Di- 070593
Equine phycomycosis. 065417
Lublin virus in sera of men, **horses, pigs**, he- 065570
livestock: dairy, beef, swine, **poultry, horses**, 070592
livestock: dairy, beef, swine, **poultry, horses**, 070593
Phenylbutazone in **equine practice**: a review 065256
economic effectiveness of **pregnant mare** ser- 065148
cycle. II. influence of PMS [**pregnant mare** 065212
farm complexes. [Cattle, **horses, rabbits**]. 064143
Future of **horse raising**. 064160
Horse safety guidelines. 064226
effectiveness of pregnant **mare serum**. [Ferti- 065148
II. influence of PMS [pregnant **mare serum** 065212
for detection of antibodies in **equine serum**. 065445
protection. [Cattle, **sheep, horses**]. 065663
of bacterial contamination of **stallion sperm** 065163
Equine spinal ataxia. 065926
Subunit structure of **horse spleen** apoferritin 064314
stall: consideration on **horse stall** constructi- 071433
treatment of animals. [Cattle, **horses, swine**, 065269
in field treatment. [Cattle, **horses, swine**, an- 065573
on alkaline reserve in **Thoroughbred horse** b- 064244
associated with age in **thoroughbred horses** 064570
Half-**Throughbred horses** for riding: Methods 065200

HORTICULTURE
Auto-tutorial teaching useful in **horticulture** 062213
returns of plant protection in **horticulture**. 062507
yield, price & gross income in **horticulture**. 062675
Women in **horticulture**. 069050
large-format" plastic tunnels. [**Horticulture**] 069132
as a herbicide in **amenity horticulture**. 069978
Horticulture in **Bulgaria**. 069180
persimmon, on emerging **horticultural crop** 068998
on anther culture of **horticultural crops**. I. 068397
vaporariorum. [**Horticultural crops**, pests]. 070477
crops relative to **intensifying horticulture**. 067253

characteristics of **horticultural plants.** 1. H- 068395
requirements. [**Horticultural products**]. 063096
contamination of **horticultural products.** 063097
basis of texture in **horticultural products.** 063933
contamination of **horticultural products.** 069814
toxicants of **horticultural significance.** 068365
Institute for **Horticulture, Viticulture** & Eno- 067231
Fruit-, Wineand **Horticulture, Wadenswil.** 069082

HOSPITALS
of Monomorium pharaonis in **hospitals.** 5. 070594

HOSTS
in Tapinanthus bangwensis & its **hosts:** alkal- 067457
Elymus L. I. Agropyron intermedium (**Host** 067890
A new **additional host** of Anastatus disparis 071101
virus of alfalfa looper in **alternate hosts.** 070937
into embryo of its **host, Anagasta** kuehniella 070846
of Bacillus thuringiensis in **host cadavers.** [070259
Host cell range & growth characteristics of 065511
Host cell range of chlamydial infection in n- 065522
by fusion of virus envelope with **host cell** m- 071066
Pinus mugo, a new **host** for **comandra** blister 069512
Deductions from present **day host** plants of 070292
lagerbergii in Norway. **Hosts, distribution,** 069437
plants as **hosts** of **Helminthosporium** sooki- 069457
application of method in in **hosts infected** w- 065544
fly (Diptera: Calliphoridae) i. **Host location** 070789
on relationship between **host** & **pathogen** in 069462
dendriticum (Wallr.) Fuckl. & its **host plant** 069411
List of **plant hosts** of nematodes in New Ze- 069843
Share of genetic factors of **host plants** on s- 067345
Cover crops as **host plants** for Pratylenchus 069909
of Tetranychus urticae Koch & **host plants.** 070278
of Tetranychus urticae Koch & **host plants.** 070279
Deductions from present day **host plants** of 070292
cabbage rootfly with its food & **host plants.** 070499
of Tetranychus urticae Koch & **host plants.** 070994
of Tetranychus urticae Koch & **host plants.** 070997
Deductions from present day **host plants** of 071024
Host preferences of various strains of Aedes 070658
New **host record** of Atherigona naqvii Steys- 070345
Three new **host records** for dwarf mistletoes 070107
of an aphid parasite & its **hosts** in **relation** 070522
Host-relationships & seasonal abundance of 070640
Tanaka. XI. Effect of **host-specific** toxin pr- 069398
of some solanaceous plants a **spossible hosts** 070465
Hosts & **trypanosome** infection rates of Glo- 070659
Pathogen-induced changes in **host water** rel- 069472

HOUSE
Successful sucklers without **housing.** 064110
cattle in an enclosed environment. [**Housing** 064157
1972 Balance. [Rural **housing, Belgium,** We- 062202
Concepts of modern **broiler housing.** 071493
Calf housing. 072454
problems in relation to **housing cattle** & swi- 065242
of stall systems in dairy **cattle housing.** 071499
fattened in two poultry **houses different** in t- 064557
of action of our forest seed **drying houses** wi- 066376
Studies on mite fauna of **house dust** in Scot- 070567
Acariologic fauna of **house dust:** results of a 071343
phases of resistant strain of **house flies,** Mu- 070628
isolated from SKA strain of **house flies.** [M- 070636
Some thoughts on **houses & gardens.** [Lands- 069033
to study of microclimate in **hen-houses** with 071443
Federally united **house legislation** from vete- 062986
Zoohygienic basis for **livestock housing** & m- 065253
dairy cows in connection with **loose housing** 064538
Mushroom house ventilation in theory & pr- 071482
tetany during **housing period** of dairy cattle 065970
Disorders in liquid feeding in **pig house.** 064690
Three ever-popular **house plants.** 1. African- 069123
Controlling microclimate in **poultry houses.** 064201
of broilers fattened in two **poultry houses** di- 064557
Flies in **poultry houses.** 070637
Modern floores in **housing premises** evaluat- 071509
Suppression of slums. [**Rural housing**]. 062201
1972 Balance. [**Rural housing,** Belgium, We- 062202
on performance of **housed Scottish** Blackface 064616
On hygiene of **sheep housing** & maintenance 065339
s tubules in Bialystok **slaughter house** in 19 065564
young fattening bulls in open **stall housing.** 064224
Federally **united house** legislation from vete- 062986
Mushroom **house ventilation** in theory & pr- 071482

HOUSEFLIES
Studies on reaction of **housefly** (Musca dom- 070605
pupal parasitoids of **houseflies** on **Danish** fa- 070604
reproductive system of **female housefly,** Mu- 070924
development & fertility of **housefly, Musca** 070598
Susceptible strains of **housefly, Musca** dome- 070603
of DDT resistance in **housefly, Musca** dome- 070654
Resistant level of **housefly** to **several** synthe- 070600

HOUSEHOLDS
Agricultural household, trends in developme- 063283
of **households** in North **Central** Region; sea- 062827
Household scientist in international develo- 063284

HOUSEKEEPING
Group of workers' plan & **housekeeping book-** 066283

HULLING
of antioxidant activity of **cocoa hull** extract 063465
of sand, sawdust, rice straw, **rice hull** & wo- 063993
Sunflower hull & corn roughage pellets, Trit- 064783

HUMIDITY
Research into influence of **air humidity** on t- 065424
by temperature & relative **air humidity.** [Lol- 068207
of leafy musci crosses **Funaria hygrometrica** 067436
Methods for determination of **humidity rate** 063726
floods from watersheds in **humid regions** of 072475
fruit load, temperature, & **relative humidity** 067957
Influence of **soil humidity** on entering of str- 067562

HUMOR
Humoral immunity response of sheep to use 065897

HUMUS
of adsorption of paraquat by **humic acid** & 070720
Amino acids in clay-**humic acid** complex fo- 071794
Influence of **humic acid** & its fractions on a- 071935
visible nonFractionated **humic acids** & some 071864
Studying interaction of **humus acids** with sil- 071875
of forest litter water-soluble **humus acids.** 071886
Group & fractional **humus composition** as in- 071879
depending on soil type & **humus content.** [070132
this irksome straw![**Decomposition, humus**] 072149
Supplies of **humus & nitrogen** in eroded soils 071816
"**humus** et **Planta** V" International Syposi- 067780
of fly-ashes on composition of **soil humus.** 071747
On composition of **humic & testinic** acids. 063314

HUNGER
Potassium hunger in Montana soils. 072151

HUSBANDRY
zoonosis--danger to health & **husbandry.** 065432
Land utilization for **animal husbandry.** 2. 062234
among farms in Finland. [**Animal husbandry** 062437
young farmers & special **animal husbandry** l- 062557
measures on policy of **animal husbandry** (be- 062860
Animal husbandry for nine countries: A part 062873
chemotherapy in **animal husbandry.** 063059
Animal husbandry & problems of forage pro- 064097
Animal husbandry in recreational areas. 064112
Industrial **animal husbandry** from ecological 064138
it? how can one develop **animal husbandry?** 064147
Thoughts expressed on **animal husbandry** in 064156
training of communal **animal husbandry** tec- 064187
of Polish Society of **Animal Husbandry.** 064190
Animal husbandry & problems of forage pro- 064229
Industrial **animal husbandry** & some achiev- 064239
Design of experiments in **animal husbandry.** 064612
concentrates in Austrian **animal husbandry.** 064782
scale mechanization in **animal husbandry.** 071652
gradual production in **cattle husbandry** to s- 064149
Cattle husbandry & landscape tending should 064159
efficiency in practical sheep **husbandry--first** 064222
mutual aid in **livestock husbandry.** 064151
Optimal **livestock husbandry** by designed en- 064162
farmers & special animal **husbandry loans.** 062557
to examinations in **poultry husbandry** in Bri- 064236
State & possibilities of **sheep husbandry** in 064171
Current cattle & **sheep husbandry** in Swiss 064184
efficiency in practical **sheep husbandry--first** 064222
of beef cattle & **swine husbandry** in Netherl- 064115
Effects of **swine husbandry** on incidence of 064354
of communal animal **husbandry technicians.** 064187

HUSKS
of corn & cobs with & without **husks, fresh** 064600
Direct & residual effect of **rice husk** on crop 072087

HYACINTHS
investigation on control of **water hyacinth** by 070043

HYACINTHUS
causing diseases in **Hyacinthus orientalis** & 069595

HYALOMMA
trichlorfon. [Ixodidae, **Hyalomma, cattle**]. 070650
activity in gut of **Hyalomma excavatum** fem- 071080

HYALOPHORA
on warm-up in moth **Hyalophora cecropia.** 070907

HYBRID
Spotted Zlotniki breed & their **hybrids** F1, 064466
in blood groups of hens after **hybridization.** 064981
number of chromosomes in F2-F5 **hybrids.** 067163
rye cell nuclei during **hybridization.** 067370
Tendervee sweet corn. [**Hybrids**]. 068635
notes on spermatogenesis & **hybridization.** 070619
On division of **hybrids according** to amount 067222
in different regions of **Acetabularia hybrids.** 067796
Breeding for yellow **Amaryllis hybrids.** 067329
Role of triploids in **Amaryllis hybridization** 067330
multiplied **autotetraploid hybrid.** II. Data f- 067077
plant spacings on yield of **hybrid bajra** (Pe- 072088
analysis of scented **camellia hybrids.** 067075
composition of meat of young **hybrid cattle.** 063670
of some varieties, lines & **hybrids** of **corn** to 067188
cold-resistant lines & **hybrids** of **corn.** 067318
growth of six single-cross **corn hybrids.** 067934
1972 wisconsin **corn hybrids.** 068611
Kentucky **hybrid corn** performance test, 19 068752
on a susceptible male-sterile **corn hybrid.** 069516
growth of six single-cross **corn hybrids.** 071751
self-pollinating lines & single-**cross hybrids** 067089
self-pollinating lines & single-**cross hybrids** 067090
Comparative studies of **cucumber hybrid** Ke- 067066
testing of varieties & **hybrids** of **cucurbit** & 069068
of some winter wheat **hybrids cultivated** at 068186
Schreb. (2n=42) **hybrid derivatives.** 067148
A **hybrid dragonfly** bred from egg laid by S- 071050
Lagerstroemia indica L., **dwarf hybrids.** 068306
Rotation in **Eucalyptus hybrid** plantations. 066337
Role of **hybridization** in **evolution** of Hawai- 066697
high-quality varieties & **hybrids** of **farm** cro- 067265
of seed germ & endosperm in **Fo hybrids** & 067361
Chrysantheumum **frutescens hybrida** as a pot 068499
Thinking about Triphyllas. [**Fuchsia, hybrids**] 067140
of tobacco in first-**generation hybrids.** 067364
Hybridization between **geographical** races of 070784
AKS-618, a new **hybrid grain** sorghum. 068624
infection of commonly used **grape hybrid** st- 069612
dwarf grain sorghum **hybrids harvested** at v- 068654
Breeding of swine: **heterotic hybrids.** 065086
Breeding & seed culture of **heterotic hybrids** 067226
acids in seeds of maize **heterotic hybrids.** 067989
Hybrids in **Hiantia** Bobr. section Trifolium 067147
in different parts of **hybrid** & **inbred** seeds. 067454
Brown Swiss **hybrids --interbreeding.** [Cattle 064988
Economics of **intercropping hybrid** sorghum 062478
II. Investigations on **intergeneric hybrids.** 067065
Interspecific hybridization of camellias with 067076
study of wheat **interspecific hybrids** Triticum 067163
grain in cases of **intraspecific hybridization.** 067222
of grain quality in **intraspecific hybrids** of so- 067223
On breeding varieites & **hybrids** for **irrigated** 067230
studies of cucumber **hybrid Kecskemeti** 114 067066
Kentucky hybrid corn performance test, 19 068752
Hybrids between **Lolium** perenne L. & Fest- 067319
in Opaque 2 & Floury 2 **maize hybrids.** 067879
productivity of interline **maize hybrids.** 068003
sorghumsudan, & pearl **millet hybrids.** 068643
Interest in **hybridization** in **Moravia** before 065023
in predictions of **hybrid performances.** 067107
Chromosomes of chicken-**pheasant hybrids.** 064941
nucleoli in microsporocytes of **hybrid Phlox.** 066967
Rotation in Eucalyptus **hybrid plantations.** 066337
mammals can damage young **hybrid poplar** 066144
Hybrid populations of Quercus robur & Que- 066365
of microsporogenesis in **hybrid progeny** reci- 067071
Prospects for **remote hybridization** in grape 067385
in azalea culture. [**Rhododendron hybrida**]. 071787
Production of **hybrid seed** in grasses under i- 067095
Economics of intercropping **hybrid sorghum** 062478
responses to drought of **sorghum hybrids.** 067977
of 2-dwarf & 3-dwarf grain **sorghum hybrids** 068654
Grain **sorghum hybrid** tests, 1972. 068768
of commonly used grape **hybrid stock** variet- 069612
Swiss Brown & Brown **Swiss hybrids** --inter- 064988
Grain sorghum **hybrid tests,** 1972. 068768
of wheat interspecific **hybrids Triticum** aesti- 067163
Performance & within-**hybrid variability** of 067113
Basic studies on utilization of **hybrid vigor** in 067297
Hybrid vigour in brinjal. 067266
Expression of **hybrid vigour** in castor under 067272
Quality of some winter **wheat hybrids** cultiv- 068186
Small mammals can damage **young hybrid** p- 066144
acid composition of meat of **young hybrid** ca- 063670

HYDRANGEA
Cultivation of **bigleaf hydrangea** (Hydrangea 069184
Phyllody of florists' **Hydrangea caused** by h- 069687

HYDRATES
Chloral hydrate narcosis for sheep with sta- 065342

HYDRATION
in tolerance to seed-**hydration chilling** in F1 067961
soil estimated through **hydration properties** 071796
in forming structure & **hydration** of **wheat** p- 063740

HYDRAULICS
Hydraulic approach to Pre-Spanish Mesoa- 072450
Measurement of **hydraulic conductivity** of p- 071755
An electro-**hydraulic depth** control system f- 071570
An **electro-hydraulic** two-variable-depth-con- 071568
Fully hydraulic steering in ZT 303 tractor. 071543
on soil erosion control. 4. **hydraulic studies** 072295

HYDRAZIDES
Effect of **maleic hydrazide** (MH) on hexose 063987
Failure of **maleic hydrazide** to act as a sulf- 068458
Effects of **maleic hydrazide** & 2,4-D for swa- 070076
of grass suppressant **maleic hydrazide** on an 070077
folowing application of **maleic hydrazide** & 070078
Application of **maleic hydrazide** for control 070153

HYDRAZINE
of M2 seeds with **hydrochloric hydrazine** on 067068

HYDROCARBONS
for occurrence of **chlorinated hydrocarbons.** 063135
some halogenated **hydrocarbon fumigants.** 069825
growing on media with oil **hydrocarbon.** 067369
Petroleum hydrocarbons & fatty acids in wa- 072617
Sesquiterpene hydrocarbons in Bulgarian zd- 067557
grown on **hydrocarbons** as new **sources** of p- 063451

HYDROCHARITACEAE
in labelled medium. [**Elodea canadensis,** Du- 067580

HYDROCHLORIC
of M2 seeds with **hydrochloric hydrazine** on 067068

HYDROCORTISONE
In vitro **hydrocortisone catabolism** in pig li- 064575

HYDROCOTYLE
SEE UMBELLIFERAE

HYDROGEN
urea + acetyl urea + **ammonium hydrogen** 064631
Role of **hydrogen bonds** in forming structure 063740
urea + ammonium **hydrogen carbonate** in s- 064631
of tetracycline-HCL [**hydrogen chloride**] & 064256
Different hydrogen-ion concentration depen- 064563
Hydrogen evolution in algae under illuminat- 067844
Role of pH[**hydrogen-ion** concentration] in 063299
size distribution upon pH [**hydrogen-ion** co- 063400
of Baltic sprat stuffing. [**hydrogen-ion** conce- 063430
Influence of pH [**hydrogen-ion** concentration 063622
Effect of light, pH [**hydrogen-ion** concentra- 063625
by a specific substrate at pH [**hydrogen-ion** 064420
Different **hydrogen-ion** concentration depen- 064563
Thermal & pH [**hydrogen-ion** cocentration] 065515
study. II. role of pH [**hydrogen-ion** concent- 067639
Effect of pH [**hydrogen-ion** concentration], 068244
Effects of **hydrogen-ion** concentration of cul- 068399
Carbon dioxide & pH [**hydrogen-ion** concen- 068435
on relationship between pH [**hydrogen-ion** 071798
PH [**hydrogen-ion** concentration] Chilean v- 071909
of lime in sugar beet. [Soil **hydrogen-ion** co- 071998
obtaining desired amount of **hydrogen-ion** c- 072133
Hydrogen peroxide generating system in hog 064321
knock down dose of **hydrogen phosphide** to 070422
of lime in sugar beet. [**Soil hydrogen-ion** co- 071998
Direct determination of **hydrogen sulphide** in 063406

HYDROGENATION
Copper-hydrogenated soybean & linseed oils 063754
Selective hydrogenation of linolenic acid as 063857

HYDROGEOLOGY
regional **hydrogeological conditions** in Volga 072399
Hydrogeological & soil improvement service 072379

HYDROLASES
Some **hydrolases** & their **involvement** in ins- 070283

HYDROLOGY
Organizing hydrological records for rice irri- 072471
on peat erosion & **peat hydrology** at Feathe- 071805
soils on their **hydrological properties** (basis 071795
Peculiarities of **hydrological regime** of water- 072382
Hydrology of smooth plainlands of arid Aus- 072395
Hydrological system of sands of lower Dnie- 066404

HYDROLYSATES
Analysis of an **acid hydrolysate** of a low-sub- 063445
Use of **protein hydrolysates** from slaughter 064761

HYDROLYSIS
Stability of sulfated oils after **hydrolysis:** St- 063435
Determining **hydrolytic acidity** of peat-bog 071814
Conditions of **hydrolysis** as **affecting** results 064634
method using **alkaline hydrolysis.** [Food]. 063437
addition on rate of **hydrolysis** of **Baltic** sprat 063430
Hydrolysis of intact leaf starch grains by gl- 067596
Studies on **intestinal hydrolysis** of inosite p- 064564
in amount of slightly **hydrolyzed nitrogen** & 071731
Control of **hydrolysis** of **reserve** materials in 068120
plants. Ix. **Hydrolysis** of **scopolamine** & rel- 067700
Stepwise hydrolysis of amorphin. [Amorpha 067511
Factors affecting **urea hydrolysis** in several 071866

HYDROPHILIC
Hydrophilic adsorption materials in food in- 063344
Hydrophilic growth inhibitors from Laminar- 067736

HYDROPHOBIC
phosphorylase. I. **Hydrophobic nature** & aff- 064317

HYDROPONICS
two sources of vermiculite for **soilless media** 068992

HYDROQUINONES
A **quinol glucoside** isolated from Cornus spe- 068213

HYDROSTATICS
Use of **hydrostatic drive** for rotary tillers of 071623
from application of **hydrostatic pressure** to 068431

HYDROTHERMAL
Some aspects of **hydrothermal behaviour** of 066422

HYDROXIDES
Aluminum hydroxide effects on wastewater 072615
of magnesium **hydroxide interference** in infr- 071754
barley straw treated with **sodium hydroxide** 064605
hydroxide]-amide flame retardant to cotton 063841
hydroxide]-flame retardant in a continuous 063843

HYDROXYLASE
Protocollagen **proline hydroxylase** in eye, c- 064355

HYDROXYMETHYL
THP [tris (**hydroxymethyl**)phosphine]-amide 063195

HYDROXYPROPYL
of a low-substituted **hydroxypropyl starch.** 063445

HYDROXYTOLUENE
property of **butylated hydroxytoluene** in Dr- 070897

HYGIENE
Animal hygiene in industrialized swine-raisi- 065273
Food **hygienic aspects** with application of es- 063041
Breeding hygienic examinations on twin cal- 064930
Measures of **breeding hygiene** & experience 065127
of pesticides with reference to **food hygiene** 063076
Disinfection of surfaces in **food hygiene.** 063353
Food hygienic aspects with application of es- 064629
of pesticides with reference to **food hygiene** 070693
products of animal origin in **food hygiene** & 063213
Hygiene helps keeping quality of meat. 3. 063078
Hygienic & microbiologic requirements in ut- 063098
Milk hygiene practice in Pakistan. 063188
Hygienic problems in connection with foods- 063059
Hygiene problems of breeding animals on u- 065335
factors in improvement of **hygienic quality** of 064191
Veterinary **hygienic requirements** in establi- 065276
Hygiene & sanitation in retail butcher shops 063137
On **hygiene** of **sheep** housing & maintenance 065339
Hygiene studies on production of eggs at in- 065317
bacteria important for **hygiene & technology** 063142

HYGROSCOPY
Hygroscopic properties of artificial sago. [S- 063806

HYLAEUS
new species of **Hylaeus** from south of **Brazil** 071318
Notes on biology of **Hylaeus cecidonastes** 071011

HYLEMYA
control of onion maggot [**Hylemya antiqua**] 070480
of cabbage root fly **Hylemya brassicae** (Bou- 070520
control of bean seed fly **Hylemya cilicrura** 070330
stimuli on oviposition in **Hylemya floralis** (070474
larval development of **Hylemya floralis** (Fal- 070476
stimuli on oviposition in **Hylemya floralis** (070978
larval development of **Hylemya floralis** (Fal- 070982
on damage caused by **hylemya fugax** Meig. 070487

HYMENOPTERA
Anagyrus saccharicola Timb. **Hymenoptera:** 070323
Some notes on Lymaenon sp. (**Hymenoptera** 070402
Trybliographa rapae West. (**Hymenoptera:** 070520
Formica fossaceps (**Hymenoptera:** Formicid- 070792
flavitestacea Fish. (**Hymenoptera:** Braconid- 070846
mytilaspidis (Le Baron) (**Hymenoptera:** Ap- 070847
mytilaspidis (Le Baron) (**Hymenoptera:** Ap- 070848
obscuripes Forel, in Nevada (**Hymenoptera:** 070872
by Telenomus remus (**Hymenoptera:** Scelion- 070933
nephereus (Walker) (**Hymenoptera:** Eulophi- 071198
Dispersion of Proctotrupidae (**Hymenoptera** 071246
Ichneumons Ichneumonidae (**Hymenoptera**) 071282
On some Dirhinini (**Hymenoptera:** Chalcido- 071284
Moerophora) Foerster (**Hymenoptera:** Ichn- 071285
of Brachymeria Westwood (**Hymenoptera:** 071286
of Zelomorpha Ashmead (**Hymenoptera:** Bra- 071289
on Apanteles Foerster (**Hymenoptera:** Brac- 071296
on four Palearctic Sphecidae (**Hymenoptera** 071303
to knowledge of Apoidea (**Hymenoptera**) of 071308
of bee family Melittidze (**Hymenoptera**). 071311
to Central West China, 1948 (**Hymenoptera** 071298
bee Apis mellifica L. (**Hymenoptera, Apidae** 070280
pseudobaicalensis (**Hymenoptera, Apidae**). 070987
bee Apis mellifica L. (**Hymenoptera, Apidae** 071408
cecidonastes Moure (**Hymenoptera, Apoidea** 071011
Ukraine & Hungary (**Hymenoptera, Apoidea**) 071248
south of Brazil (**Hymenoptera, Apoidea**). [071318
Apanteles Forest. (**Hymenoptera Braconidae** 071184
coastal dunes. [**Coleoptera, Hymenoptera,** D- 070998
drewseni Barries (**Hymenoptera, Cynipidae**) 071301
Vespidae. IV. (**Diploptera, Hymenoptera**). 071241
dunes. [Coleoptera, **Hymenoptera, Diptera**] 070998
On some **Elasmus Hymenoptera:** Chalcidoid- 071290
disparis (**Hymenoptera, Eupelmidae**), egg p- 071101
of bee Neofidelia (**Hymenoptera, Fideliidae**) 070762
bicolor (**Formicidae, Hymenoptera**). 071015
Buschinger (**Hymenoptera, Formicidae**). 071086
on genus (**Hymenoptera, Formicidae**). [Mo- 071317
Foerster (**Hymenoptera, Icheumonidae**). 071230
Doumerc (**Hymenoptera, Ichneumonidae**). 071185
development of a **hymenopterous parasite,** P- 070841
record of its three **hymenopterous parasites.** 070345
Walk.) (**Hymenoptera, Pteromalidae**) in for- 070376
raptor (**Hymenoptera, Pteromalidae**). [Mus- 071106
C from four **Hymenopteran species:** evoluti- 071043
viatica Linnaeus (**Hymenoptera, Sphecidae**) 071310
pallida Kl. (**Hymenoptera, Tenthredinae**). [070551
Westwood (**Hymenoptera Trichogrammatid-e**) 071037
Polistes gallicus L. (**Hymenoptera, Vespidae** 071060

HYPERA
weevil control program. [**Hypera poastica,** 070307
on alfalfa weevil (**Hypera postica** Gyll.) wh- 070354
alfalfa weevil in Oklahoma. [**Hypera postica**] 070368

HYPERICUM
SEE GUTTIFERAE

HYPERPLASIA
oedema with **hyperplasia** of **connective** tissue 065980

HYPERSENSITIVITY
on process of **hypersensitive death** of a pota- 069464
as an indication of **delayed hypersensitivity** 065442
Hypersensitivity of **piglets** to iron drugs. [P- 066030

HYPHAE
of growing regions of **aerial hyphae** of Rhiz- 067026
Formation of **hyphae & chlamydospores** by 067005

HYPHANTRIA
against fall webworm, **Hyphantria cunea.** [B- 070245

HYPHOMYCETES
of ecological group of **water Hyphomycetes** 066869

HYPOCALCEMIA
ewes, with clinical cases of **hypocalcemia.** 064787
in treatment of **bovine hypocalcaemia** with 065951
Hypocalcemia in **lambs.** 065963
pathogenesis of **parturition hypocalcaemia** c- 065941

HYPOCALCEMIC
Hypocalcemic effect of protamine in goats 064569
different ages, after **hypocalcemic nutrition.** 064592

HYPOCHLORITE
acid on degradation of pulp by **hypochlorite** 066482
volatiles, fungistasis, & **sodium hypochlorite** 069477

HYPOCOTYLS
Temperature effects on **hypocotyl elongation** 067968
plants. 1. **Hypocotyl elongation** & cotyledon 068395

HYPOCREACEAE
of tryptophan uptake in **Claviceps** [purpurea 067629
Biosynthesis of ergot alkaloids. [**Claviceps**]. 067792
Ergotism in swine. [**Claviceps purpurea**]. 066071

HYPODERMA
Cattle, Hypoderma **bovis, Hypoderma** linea- 066054

HYPOPHYSIS
Effects of cadmium on **hypophyseal-testicular** 064298

HYPOPLASIA
aplasia & **hypoplasia** of **mammary** gland tis- 065979

HYPOPROTEINEMIA
Hypoproteinemia & hypogamma-globulinem- 065999

HYPOTENSION
A **hypotensive agent** in Santalum ellipticum 067774

HYPOTHERMIA
Hypothermia--a **practical** aid in veterinary 065240

HYPOXIA
under conditions of **anoxia & increased** tem- 067045

HYSTRICHOPSYLLIDAE
India (Siphonaptera: **Hystrichopsyllidae**). 071292

ICE
Ice coat warms up pear trees. 069866
Is **ice cream** a natural food? 063222
Problems of **ice cream** stabilisation. 063579

ICHNEUMONIDAE
Foerster (Hymenoptera: **Ichneumonidae**). 071285
Revision of works **concerning Ichneumonidae** 071340
Doumerc (**Hymenoptera, Ichneumonidae**). 071185
Ichneumons Ichneumonidae (Hymenoptera) 071282

IGNITION
Preventing **cigarette ignition** of mattresses. 063194

ILEUM
transport in jejunum & **ileum** of **chickens.** 064563

ILLUMINATION
evolution in algae under **illumination.** 067844
in chloroplast suspension under **illumination** 068330
Studies on orchard **illumination against** fruit 070426
during **illumination** of **intact** chloroplasts. [068277
of Pinus sibirica to **illumination intensity.** 068568
of genetic effects of **optical brighteners** in y- 067312

ILLUVIAL
Acid illuvial-gley soils of West Siberian Mi- 071878

IMAGINAL
Cuticle deposition in **imaginal disks** of three 070929
Resistance of **eggs** & **imago** of **sawtoothed** g- 070586

IMBALANCE
root resistance, & **hormonal imbalance** in th- 068263

IMIDAZOLES
Effect of **imidazole** on **metabolism** of fatty a- 067588

IMMATURITY
on haploid formation from **immature pollen** 068062
on spermatogenesis in **immature rat.** 065034
Life history & **immature stages** of bee Neofi- 070762
Immature stages & biology of Zelus socius 070778
Immature stages of Spilostethus pandurus m- 070992
Immature stages of mango fruit weevil, Ster- 070993
Immature stages of Paramerina smithae (S- 071110
Immature stages of alderfly, Sialis cornuta 071154
seasonal abundance of **immature ticks** (Ha- 070640

IMMERSION
Cluster-immersion shortcut to mastitis cont- 065543

IMMOBILITY
of adrenalin on **immobility reaction** in dome- 064425
Immobility reactions in domestic fowl (Gall- 064284

IMMOBILIZATION
mineralization & **immobilization** of **nitrogen** 071778
of alphas-casein by **immobilized pepsi.** [Food 063388
of alphas-casein by **immobilized trypsin.** [F- 063389

IMMUNITY
Duration of **immunity** for **cattle** immunized 065858
Immune characteristics of cattle lympholeu- 065379
Studies of **cross immunity** to Trichophyton 065857
Humoral immunity response of sheep to use 065897
Inducing immunity to swine fever in pigs in- 065747
observations on **immunity** of **Newcastle** dise- 065591
Comparison of **immunity** to **Newcastle** disea- 065712
of macrophages from **immune** & **nonimmune** 065441
Immune & **pathologic** consequences of pson- 065540
Duration of **immunity** in **pigs** simultaneously 065737
On duration of **immunity** in **pigs** vaccintaed 065742
Newcastle disease & their **immune status.** 065741
Immunity in **trichophytosis** of cattle. 065856

IMMUNIZATION
Duration of immunity for **cattle immunized** 065858
coli infections in calves & **immunized cows.** 065703
of foot-and-mouth **disease immunisation** on 065581
Immunization of **pigs** against swine pox with 065878
Immunization of **pigs** with vaccines from in- 065898
Pre-exposure **rabies immunization** for veteri- 065411
On **immunizing subinfection** of leptospirosis 065806

IMMUNODIFFUSION
sensitivity of agar-**gel immunodiffusion** test, 065445

IMMUNOFLUORESCENCE
rhinotracheitis by **immunofluorescence.** 065373
Incident **light immunofluorescence** of alchol- 065449

IMMUNOGENETICS
Immunogenetic check-up of assessment of b- 064926

IMMUNOGENICITY
Immunogenic properties of slime from prop- 065531
reactogenic & **immunogenic properties** of va- 065685

IMMUNOGLOBULINS
Evolution of **immunoglobulin antigens** in ru- 065426

IMMUNOLOGY
in cattle as it relates to **immunology.** 065464
Immunology of **coccidiosis** in chicken. 065437
Immunology of **experimental** infections with 065372
diagnostical & **immunological measures** to c- 065516
Immunological relationship between border 065723
Immunological studies on contagious bovine 065619

IMPATIENS
nutrient conditions. **[Impatiens parviflora].** 067648

IMPEDANCE
Relation between **electric impedance** of app- 069613
measurement of **electrical impedance** of alfal- 067927
Electricial impedance of tissue of grasses re- 067928
properties. II. **Mechanical impedance** & mo- 071762
Impedance of **Nitellopsis** obutsa cells at low 067653

IMPERATA
Imperata arundinacea Cry & Saccharum mu- 069381

IMPERMEABLE
of germination of **impermeable cottonseed** by 067956
Forming water-**impermeable macrostructure** 072195

IMPLANTS
of castration, ration & **hormone implants** on 064417
diethylstilbestrol] & **RALGRO implants** for 064807
methods of **implantation** of **Stylosanthes** gr- 068822

IMPORTS
Distribution of **imported** 14C [carbon] in de- 068582
aircraft used to apply bait in **imported fire** 070238
Use of mirex in control of **imported fire** ant. 070258
our country together with **imported goods.** 070584
for 1973 USSR grain crop **improve--imports** 062673
abortus antibodies in **imported** & **native** hor- 065594
strict regulations on U.S. **Poultry imports.** 062670
of 1971 statistics for **imported timber.** 066543

IMPREGNATION
sows at **impregnation** on their **reproduction** 065194
problems of **timber impregnation.** 066425

IMPRINTING
for preparing plastic **epidermal imprints.** [P- 066945

INACTIVATION
with vaccines from **inactivated Aujeszky** vir- 065898
disease-infectious **bronchitis inactivated** com- 065537
virus using heat-**inactivated chicken** sera. 065721
Heat inactivation of trypsin inhibitor, lipox- 063755
Mechanisms of **inactivation** & **mutagenesis** i- 070869
with delayed thermal **inactivation properties** 065621
of sheep to use of **inactivated rabies** vaccine 065897
Inactivation & **reactivation** of photosystem. 067793
of nitrate reductase **reversible inactivation** 067771
of fungicides on **inactivation** of **sclerotia** of 069364
Inactivation of **viruses** in water with ozone. 072507

INACTIVE
on flock fertility of initial **sexual inactivity** 064950

INBREEDING
High quality sweet **corn inbreds** released in 068636
successive generations in maize **inbred lines** 067127
other genetic properties of **inbred lines.** 067349
of protein content in stabilized **inbred maize** 067142
effects on sperm dimensions of **inbred mouse** 065028
Comparative fattening of **inbred, outbred** & 064911
Effects of **inbreeding** on **pedigreed** lambs. 065201
in different parts of hybrid & **inbred seeds.** 067454
Selective inbreeding of Macrosteles fascifro- 070375
I. Possibility of **inbreeding** in **Tokachi** dairy 065055

INCENTIVES
Economic incentive for developing manufact- 062595
An intensive plan & **material incentives.** [A- 062496
Material incentives in collective farm produ- 062521
New **incentive** for **sugar** beets culture consi- 070139

INCINERATION
Oil palm **bunch incinerator:** Utilisation of a- 063778
emissions of municipal **garbage incinerators** 066157

INCOME
Milk: production, disposition, & **income,** 19 062828
Tax reform for **agricultural incomes.** 062552
Possibilities for increase of **beef income** by 064869
Conditions of production, **income factors.** 062432
Farm income levels in northern states of Ni- 062570
Variability of yield, price & **gross income** in 062675
Irrigation offers hopes for **higher income.** [072367
Costs, profitableness & **income** in **individual** 062605
Opening up **income insurance** also for farme- 062591
Analysing **intrasectoral income** to provide an 062847
a living with sheep. **[Management, income]** 062453
Incomes, prices, trade influence world red 062669

INCOMPATIBILITY
Huds. I. Crossing & **incompatibility.** 067319
On **genetical incompatibility** between wheat 067370
of homozygous self-**incompatible lines** of wh- 067146
Incompatibility Parry. [Reproductive failure 066329
plant cell infected by an **incompatible race** 069464
in self-compatible & **self-incompatible** variet- 067060
Inheritance of **self-incompatibility** in a few 067145
Inheritance of **self-incompatibility** in Planta- 067166

INCORPORATION
in vivo carbon 14 **acetate incorporation** duri- 070887
II. Promotion of amino **acid incorporation.** 064375
Cotton **Incorporated activities.** [Cotton rese- 063842
Incorporation of **different** labelled precursors 067777
14c **incorporation** from **exogenous** compoun- 068262
of 32p [phosphorus] **incorporation** into **leaf** 068115
liver cells. III. **incorporation** of **radioactive** 064785

INCREMENTS
Volume **increment according** to bio-social cl- 066295
Change in current **growth increment** in spru- 066250
chemical industry on **increment** of **Scots** pine 066152
Increment studies in Scots pine stands in vi- 066153
Tree increment as related to topoclimate in 066324
analysis of growth & **increment** in **trees** of a 066198
proteins of blood serum & **weight increments** 064490

INCUBATION
in erythromycin solution prior to **incubation** 065494
compounds during **incubation** in **presence** of 064333
Incubation of **Solanum** tuberosum L. tubers 068295

INDETERMINATE
in determinate & **indeterminate soybeans.** 067962

INDEX
Effect of **index age** on precision of site index 066192
Physiological & **agrobiological indices** of hi- 068477
Agrophysical indices & fertility of irrigated 071925
Bibliographic index to pollen morphology of 067047
Change of some **biochemical indices** of prote- 064452
Biochemical indices of metabolic functions of 064531
salmonellesis & some **biochemical indices** of 065725
Some **indices** of **blood** metabolism in reinde- 064543
Card index for graphic identification of bot- 066582
Two rainfall-**characteristic indices** proposed 072446
discriminant function) **indices** of **chironja,** o- 068421
Theoretical aspects of **computing indexes** for 064178
a single methodology for **correlating indices** 062398
Change of **cytological indices** of photosynth- 068074
Significance of **economic indices** in plant pr- 062468
to sugar content on **economic indices** of beet 062569
Analyzing **economic indices.** [Forestry]. 066239
Significance of **economic indices** in plant pr- 069929
categories & **indices** used in **economics** & or- 062606
improvement of **exploitation indices** of MPR 071686
pigs, before killing, & **indexes** of **fattening** & 064265
Use of a **fertility index** in soil test interpret- 072013
organization & work with **field index** in Co- 062350
Study of inheriting of **indices** of **grain** quality 067223
Variability of certain **growth indices** of spri- 067892
phenotypic corelations & **heritability indices** 065062
correlations & of **heritability indices** of usef- 065077
Some of **laboratory indices** for evaluation of 065176
D effect on some **metabolism indices** in Vicia 069932
breed on some **morphoproductive indices** of 064525
grasses with help of an **index procedure.** 067922
of source materials as **indices** for **processing** 063697
on fromation of some **indices** of **production** 064928
Two rainfall-characteristic **indices proposed** 072446
Indices of **quality** of combined silages prepa- 064835
individual variation of **quantitative indices** of 066997
of efficiencies of **selection indices** for three t- 067106
Relations between leaf **senescence index** & 067941
Effect of index age on precision of **site index** 066192
improvement of qualitative & **work indices** of 071687

INDICATORS
of cat as analyzed by an **indicator-dilution** t- 064254
on some sandy soil **fertility indicator** & crop 068896
crops on brown sandy soil **fertility indicator** 068907
on productivity & **fertility indicator** on sandy 072237
of certain physiological **maturity indicators** 063664
in horse kidneys as an **indicator** of **mercury** 066504
A possible **indicator muscle** for fibre content 064288
Purchasing **power indicators** for agricultural 071615
erosion with help of **quantitative indicators** 072344
humus composition as **indicators** of **soil** for- 071879
Indicators of **start** of qualitative changes in 063066
basins as an **indicator** of new **tectonic** move- 066874
suitability of hair as an **indicator** of **zinc** dis- 066010

INDIGENOUS
A karyotypic study of **Cypresses indigenous** 066612
Fatty acids of **indigenous resources** for poss- 067748

INDIGESTION
therapy for calves with **dyspepsia.** 065996
disease incidence for calves with **dyspepsia.** 065997
disorder of liver in cases of **calf dyspepsia.** 065993
in tissues in cases of **toxic dyspepsia.** [Cattle 065998

INDOLE
In vitro production of **indole acetic** acid by 069365
Indole-3-ethanol oxidase: kinetics, inhibition 068453

INDOLEACETIC
plants caused by IAA **[indoleacetic acid]**-pr- 067908
Effect of some **indoleacetic acid** precursors 067986
basipetal transport of **indoleacetic acid** thro- 068107

INDUCTION
II. role of specific proteases in **induction.** 067434
Artificially **induced abortion** in sheep in ord- 065341
chromatids with X-ray-**induced achromatic** l- 067310
Acid-induced fusion of mammalian erythroc- 064302
Effect of isomers of DDD on **ACTH-induced** 066048
Adrenalin-induced rumination in sheep & go- 064521
some factors **affecting induction** in CO2[car- 068411

Studies on adry **agent-induced** mechanism of 068272
Induced alloploids in grasses of Festuca & 067148
of UV [ultraviolet] radiation-**induced amino** 069352
Artificially induced abortion in sheep in ord- 065341
Induction of autotetraploids of Lolium pere- 067064
contributing to heat-**induced bitter** off-flavor 063961
Experimentally **induced brucellosis** in yaks. 065813
of tumors & neoplastic **cells induced** with b- 065644
of light & darkness on **induction & cessation** 070769
Radiant energy-**induced-changes** in bovine 063624
Light-**induced changes** in fluorescence yield 067448
High temperature **induced changes** in germi- 067914
Light-**induced changes** in pattern of protein 068110
Pathogen-**induced changes** in host water rel- 069472
Pesticide-**induced changes** in hepatic micros- 070684
Chemically induced root injury correlated w- 069506
of Vicia faba L.: II. **Induced chromosomal** a- 067275
DDT-**induced chromosomal** damage in mice. 070708
of utilizing of **induced chromosome** mutatio- 067302
Evidence for **induction** of a **conformational** 064420
of undulation in **contact-induced** inhibition of 064499
Mutants of **corn induced** by radiation. 067189
Cytological analysis of **crossovers induced** by 070868
Induced cryptorchidism in lambs: effects on 064289
Reversal of **cycocel induced** inhibition of rad- 067452
of poinsettias during short-**day induction.** [068370
DDT-induced chromosomal damage in mice. 070708
notes on a mite-**induced dermal** cyst. 070618
of auxin & kinetin in **induction of divisions** 067999
Induction of doexyribonucleic acid synthesis 068456
Ecdysone induction of puffing activity in sal- 071071
Study of **induction effects** of various substan- 070672
Chromatin **elimination induced** by B chrom- 067287
Radiant **energy-induced-changes** in bovine 063624
for study of gibberellin-**induced enzyme** for- 068109
Experimental induction of zygotic multiple 067276
in realtion of **experimentally induced** "wild- 065674
Experimentally induced brucellosis in yaks. 065813
Experimentally induced listeriosis in duckli- 065818
research in **experimentally induced** trichinos- 065819
Amino acid changes during **flower induction** 067757
Female **flower induction** on androecious cuc- 068248
Acid-**induced fusion** of mammalian erythroc- 064302
Induction of gene conversion in yeast by he- 067313
Induction of germination of impermeable co- 067956
system for study of **gibberellin-induced** enz- 068109
action. II. kinetics of lipid-**induced growth** 068449
Noise-**induced hearing** losses of tractor driv- 071507
Compounds contributing to **heat-induced** bit- 063961
Phytoalexin nature of **heat-induced** protecti- 069492
Hormonal induction of supernumerary insta- 070530
Effect of **hormonally induced** leaf senescence 069671
phytoalexin, **hydroxyphaseolin, induced** by u- 069497
Inducing immunity to swine fever in pigs in- 065747
of undulation in contact-**induced inhibition** of 064499
Reversal of cycocel **induced inhibition** of rad- 067452
reversal of salinity **induced inhibition** by et- 068316
Gamma **irradiation induced** variability in P- 067340
Effect of hormonally **induced leaf** senescence 069671
Light-induced changes in fluorescence yield 067448
Light induced protochloropgyll--chlorophyll 068104
Light-induced changes in pattern of protein 068110
rate of photohynthesis in **light induced** mut- 068261
hormone action. II. kinetics of **lipid-induced** 068449
Experimentally **induced listeriosis** in duckli- 065818
Studies on adry agent-**induced mechanism** of 068272
with histopathologic notes on a **mite-induced** 070618
in citrus fruits by **induced mutagenesis.** 067360
of inactivation & **mutagenesis induced** by et- 070869
of photohynthesis in light **induced mutants** 068261
to radioactivity & **induced mutation** changes 067178
of corn with aid of **induced mutations.** 067173
Taxonomic **mutations induced** in Triticum a- 067192
Change in frequency of **induced mutations** in 067197
Grain yield **mutations induced** by ethyl met- 067341
on manifestation of **mutations induced** by ot- 067068
Nonspecificity of **necrosis-inducing** toxin of 069271
A radioautographic study of **neural induction** 064361
Induction of nitrate reductase in leaves of b- 068076
Noise-induced hearing losses of tractor driv- 071507
preparations on **induction of ovulation** in d- 065031
Pathogen-induced changes in host water rel- 069472
Pesticide-induced changes in hepatic micros- 070684
Photosynthetic **induction phenomena** & light 067725
Effect of **photoperiodic induction** on transpi- 067655
Photosynthetic induction phenomena & light 067725
Plant induced soil salinity patterns in two s- 071809
reaction of bovine **plasma induced** by heat e- 064453
Induction of a **plasma** membrane-bound Co 067431
forage crops. XXIV. **Polyploidy induction** wi- 067388
nature of heat-**induced protection** against be- 069492
Light **induced protochloropgyll**--chlorophyll 068104
Radiation-induced tumorous outgrowths in 067798
Radiation-induced stimulation of pollen-tube 068584
of UV [ultraviolet] **radiation-induced** amino 069352
of Vicia faba chromatids with **X-ray-induced** 067310
membrane particle **redistribution induced** by 068322
Enurospora crassa. I. **Induction & repression** 067433
Plant growth **responses induced** by some bio 067620
Cross-linking of **RNA induced** by ultraviolet 069651
Wind-**induced root** movements in forest trees 068534
Chemically **induced root** injury correlated w- 069506
Adrenalin-**induced rumination** in sheep & go- 064521
germination: reversal of **salinity induced** inh- 068316
progesterone for **inducing sexual** function in 065162
Plant **induced soil** salinity patterns in two s- 071809
isomers of DDD on ACTH-**induced steroid** 066048
Radiation-**induced stimulation** of pollen-tube 068584
I. Changes of **susceptibility induced** by nutr- 069396
High **temperature induced** changes in germi- 067914
Leakage from corn **tissues induced** by Helm- 069501
Nonspecificity of necrosis-**inducing toxin** of 069271
to problem of **traumatogenous induction** of 068260
in experimentally **induced trichinosis.** 065819
Radiation-**induced tumorous** outgrowths in 067798
Gamma irradiation **induced variability** in P- 067340
Wind-induced root movements in forest trees 068534

INDUSTRY

based on fact is needed in today's **industry.** 063077
hides--a precious raw material for **industry.** 063636
based on fact is needed in today's **industry.** 064681
Forestry in Britain; pattern of **industry:** Pla- 066423
of wood chips technology in **industry.** 066468
size & early ripening for table & **industrial** 067255
respective roles of government & **industry.** 070025
respective roles of government & **industry:** i- 070026
of meliorative systems on **industrial** base. [072374
of agriculture & **industry** in west **African** co- 062919
area of **industrial agglomeration** centers. 066175
of Colombian **agricultural industry:** Cultivat- 068374
protection in **industrialized agricultural** pro- 070311
Their applications in **industry, agriculture** & 063050
in forests by an increase in **industrial air** po- 066138
in status & development of **animal industry** 062457
of Agricultural Markets, **animal industry**]. 062532
Michigan's fur bearing **animal industry**--now 062966
Functions of **Animal Industry** Division are 064131
Industrial animal husbandry from ecological 064138
Industrial animal husbandry & some achiev- 064239
factor in progress of **animal industry.** [Lives- 065085
development of **industrialised animal** produc- 065274
means of eradicating them in **animal indust-y.** 065841
free manure in large-scale **animal industry** c- 072226
Apple industry in Japan. 062905
resources for possible **industrial applications** 067748
U.D.I.A. [United Diary **Industry Association**] 062875
requirements of milling & **baking industries** 063741
Eggs & poultry & fur **bearing industries** in 062957
Sugar **beet industry** in California. 062861
Industry-like beet culture & tasks of plant 069788
a major problem of cattle-**breeding industry** 065752
Brewing industry in German & European c- 063306
of forage production & **industry** in **Bulgaria** 064097
vegetable requirements for **canning industry** 063939
support--requirement for **industrial care** & a- 071438
Michigan's beef **cattle industry** now & in 19 062956
On development of dairy **cattle industry.** 064145
problems of technology of **industrial cattle** r- 064240
Possibilities of **chemical industry** regarding 065571
Effect of pollution from **chemical industry** on 066152
Dollar devaluation & **citrus industry.** 062492
Meixco's changing **citrus industry** finds a n- 062663
Sterility caused by **industrial civilization.** [065087
Canadian Milk **Industry Commission** a mod- 062722
in large-scale animal **industry complexes.** 072226
kept under **industry-like conditiions** of prod- 065125
pig breeding under **industry-like conditions** 065127
fruit, vegetable, & pickle **conserve industry.** 063946
s plywood/particleboard **industries continue** 066570
with special reference to **industrial-like cow** 064603
Industrial crossing of Black Pied cows with 065153
Agriculture & **dairy industry** in Israel. 062165
I base plans. [Consumption, **dairy industry,** 062622
Turns trends into big gains [**Dairy industry**] 062662
as factors of marketing. [**Dairy industry**]. 062723
Dairy industry in Japan. 062871
groups & non-members. [**Dairy industry**]. 062876
its significance to **dairy industry.** 062945
Norwegian **dairy industry** in 1972. 062948
Michigan **dairy industry** of 1985. 062953
German **dairy industry** with variable chances 062970
legislation affecting **dairy industry:** changes 063002
control--quality protection. [**Dairy industry**] 063071
control to management. [**Dairy industry**]. 063072
quality control. [**Dairy industry**]. 063073
legislation affecting **dairy industry:** changes 063189
use of special gelatins in **dairy industry.** 063507
Agriculture & **dairy industry** in Israel. 063511
of bacterial proteases in **dairy industry.** 063514
year round feeding on **industrial-like dairy** f- 064604
Experienced gaines with an **industrial data** 063586
Is U.D.I.A. [United **Diary Industry** Associa- 062875
operating semi-**industrial diffusion** apparatus 063800
charge cards in food **distribution industry.** 062690
Red meat **industries diversified** in state. [Pe- 062997
Functions of Animal **Industry Division** are 064131
Industrial dry matter production in coopera- 062346
agriculture & farm **equipment industry.** 071510
Science Distinguished **Extension-Industry** S- 063649
Dutch glasshouse **industry faces** market pro- 062668
of their quarters on **industrialized farm** com- 064143
Feeding young cattle on **industrialized farms** 064778
way of rationalization in **feed industry.** 064051
in raw grain used in mixed **feed industry** by 064096
of animal production & mixed **feed industry** 064072
Worldwide expansion of **fertilizer industry.** 071967
Italian phosphate **fertilizer industry.** Weath- 072170
high-yield stability in **industrialized field** ve- 072031
Meixco's changing citrus **industry finds** a n- 062663
Nursery & **floriculture industries** in 1985. 062961
Michigan **floriculture industry**--now & in 19 062963
in agriculture & in **food industry** of German 062387
social welfare conditions in **food industry.** 062439
in individual branches of **food industry.** 062653
Entrepreneurship in **food industry,** 1972--20 062701
outlook for agriculture & **food industry** thro- 062843
detergents for application in **food industry.** 063043
control for management. [**Food industry**]. 063149
of anti-microbial regime in **food industry.** 063155
of enzymes in agricultural & **food industries** 063316
on raw materials in **food industries.** 063335
Storage situation in **food industries.** 063337
adsorption materials in **food industry.** 063344
in agriculture & in **food industry** of German 063377
on selecting a consultant. [**Food industry**]. 063386
in fermentation & **food industries.** 063412
from vocational schools in **food industry.** 063426
an accounting plan in **forest industry.** 066181
employee mystery. [**Forest industry**]. 066188
Point of view of **forest industry.** 066214
Forest industry as a partner of paper indust- 066407
of charging a press. [**Forest industries**]. 066430
Alabama **forest industries.** 066558
Vegetable & **fruit industries** in Thailand. 062709
Michigan **fruit industry.** [Outlook]. 062960
trends in development of **furniture industry** 066428
Dutch **glasshouse industry** faces market pro- 062668
Requirements for **industrial grades** of fruit, 063940
Automation of **industrial greenhouses.** 071439
Is French sugar **industry lacking** ambition? 063006
fattening young cattle on **industrial level.** 064153
preparation along **industrial lines.** 063881
cow stocks in dairy units on **industrial lines** 065116
preparation along **industrial lines.** 068951
Michigan's **livestock industry** of 1985. 062954
coyote as a predator on **livestock industry.** 064205
facilities for **industrialized livestock** farming 065276
disinfection in **industrialized livestock** farmi- 065277
Stable fodder basis for **industrial livestock** p- 068741
of wood stock supply in **lumber industry.** 066478
as raw products for **lumber industry.** I. 066532
as raw products for **lumber industry.** II. 066533
Agricultural engineering & **machine industry** 071457
effect on agricultural **machinery industry.** 071616
Industry like **manufacturing** methods in pre- 066537
process in Austrian **meat industry.** 062845
Red **meat industries** diversified in state. [Pe- 062997
an industrial data system. [**Meat industry**]. 063586
by rational stockkeeping. [**Meat industry**]. 063588
of standard formulas. [**Meat industry**]. 063590
American animal raising & **meat industry.** 063598
impacts of new technology in **meat industry.** 063601
transport program of state **meat industry.** 063604
Microwave heating for **meat industry.** 063644
Veselin Ristin (1920--1972). [**Meat industry** 063660
American animal raising & **meat industry.** 064142
Atmospheric pollution & **industrial melanism.** 070876
Arizona's vegetable & **melon industry:** an ov- 062823
Stepwise transition to **industrialised methods** 062347
Industrial methods of milk production. 062388
introduction of **industrialised methods** in fie- 068985
on current problems in **milk industry.** 062657
Canadian **Milk Industry** Commission a mod- 062722
Milk industry & E.E.C. [European Economic 062856
for hygiene & technology of **milk industry.** 063142
control--quality protection. [**Milk industry**] 063148
Clean equipment in **milk industry** as import- 063204
Milk industry in Austria. 063539
for hygiene & technology of **milk industry.** 063540
Austrian **milling industry** from point of view 062844
Improving a $23 **million industry:** sheep res- 064203
Michigan swine **industry now** & in 1985. 062955
Michigan's beef cattle **industry now** & in 19 062956
Michigan's egg & poultry **industry--now** & in 062958
Michigan's nursery **industry--now** & in 1985 062962
Michigan floriculture **industry--now** & in 19 062963
Michigan's fur bearing animal **industry--now** 062966
Michigan's **nursery industry**--now & in 1985 062962
Tasks of **packaging industry** in food sector. 062660
Solid wastes in meat **packing industry.** 072588
industry as a partner of **paper industry.** 066407
Perspectives in pulp & **paper industry.** 066508
Europe's plywood/**particleboard industries** c- 066570
production under **industrialized patterns.** 062349
methods for **industrialised patterns** of field 068988
of Hungarian **pharmaceutical industry.** 065265
of Research Institute for **Poplar Industry** in 066336
problems related to **industrial pork** producti- 064214
indigenous resources for **possible industrial** 067748
Market for **poultry industry** products in Ge- 062771
changes in Austrian **poultry industry.** 062840
Michigan's egg & **poultry industry**--now & in 062958
of factors affecting it in **poultry industry.** 063676
Development of **industrial poultry** production 064150
on production of eggs at **industrial poultry** d- 065317

Rosa pomifera) grown for **preserve industry** 069182
Cooperation between **processing industry** & 062352
fruit, vegetable, & berry **processing industry** 062818
for fruit-& vegetable-**processing industry.** 063920
yield from apples for **industrial processing.** 063921
forest & forest **processing industries.** 066254
storage under **industrialised production** cond- 063896
to specialization & to **industrial production** 064149
development of **industrial production** metho- 066280
stepwise transition to **industrial production** 069023
Market for poultry **industry products** in Ge- 062771
On use of synthetic **industrial products** as s- 071992
price fluctuation in paper & **pulp industry.** 066441
Industrialized rabbit raising. [Hungary]. 064165
Possibilities of chemical **industry regarding** 065571
forests in Upper Silesian **industrial region.** 066137
of creating a food base in **industrial regions** 063001
gained in **industry**-like **reproduction** technol- 065128
on basis of **industry**-like **reproduction** techn- 065129
Impact of death duties on **rural industries** in 062482
in cows in relation to **industrial-scale** cattle 065695
50 Anniversary of Wood **Industry School** at 066426
bed in continuously operating **semi-industrial** 063800
fermentation of red vintage; **semi-industrial** 064009
Distinguished Extension-**Industry Service** 063649
status of forests in Upper **Silesian industrial** 066137
vegetation pollution by **industrial smoke** in 072585
to recreation in an **industrial society.** 066097
evaluation of products of **soup industry** by t- 063060
design & production of **specialized industrial** 062311
damage to forests by lead & **steel industry** in 066149
of sugar & relation between **sugar industry** 062638
Is French **sugar industry** lacking ambition? 063006
Sugar industry in South Africa. 063022
1973: **Sugar industry** of European Economic 063023
cooperative work. [**Sugar industry**]. 063024
Increase of **sugar industry** in Thailand. 063025
of a packing process line. [**Sugar industry**]. 063725
Pollution abatement & **sugar industry.** 063791
plans. [Consumption, dairy **industry, supply**] 062622
Michigan **swine industry** now & in 1985. 062955
Animal hygiene in **industrialized swine**-raisi- 065273
prophylaxis of **industrial swine** raising in R- 065328
On use of **synthetic industrial** products as s- 071992
for their utilization in **tanning industry.** 068473
production trends in India's **tea industry.** 063020
Industrial technology of beef production. [C- 064776
Japanese wool **textile industry.** A review of 062883
Timber industries of New Jersey & Delaware 066557
engineering & machine **industry today** & in 071457
California's dynamic **tomato industry.** 1. To- 062852
Results from **industrial type** of milk product- 064221
production of specialized **industrial units** of 062311
Australian beef & **veal industry.** [Trade]. 062636
Vegetable industry in Philippines & otlook 062711
Michigan **vegetable industry.** [Outlook]. 062959
regarding transition to **industrial vegetable** 069025
Nutritional labeling: an **industry viewpoint.** 063108
nutritional labeling--an **industry viewpoint.** 063165
value of by-products of **wheat industry.** II. 063229
of red vintage; semi-**industrial white** vinificat- 064009
Statistical survey of 1972. [**Wine industry**] 062834
50 Anniversary of **Wood Industry** School at 066426
Dust separators in **wood industry.** 066429
of efficient work. [Saws, **wood industries**]. 066526
Sheep & **wool industry** of Argentina. 062884
controlling in wood **working industry.** 3. M- 066462
under conditions of **industrial young** cattle r- 064866
development of **industry**-like **youngstock** rea- 064216

INEFFICIENCY
On **inefficient utilization** of cattle resources 064206

INERT
of mechanism of action of **inert dusts** of ins- 070302

INFANCY
Nutrition of **infants & preschool** children in 063280

INFARCTION
On problem of judgement of **spleen infarcts** 065654

INFECTION
Erysipelothrix [rhusiopathiae] **infection.** 065519
Pat. I. Temperature on **infection.** 069294
Tipula iridescent virus. I. Source of **infection.** 070931
Tipula iridescent virus. II. Route of **infection.** 070932
vaccines against Brucella **abortus infection** in 065500
Problems of vaccination **against infectious** b- 065825
of recycled water; Fate of **infectious agents.** 072501
Equine **infectious anemia:** sensitivity of agar 065445
grafting of healthy & virus-**infected apple** b- 068243
of plants in mechanism of **arboviral infection** 069655
in field to study **arboviral infection** distribu 070632
of plants in mechanism of **arboviral infection** 070633
Arizona infections in sheep associated with 065713
virus with ejaculate of **artificially infected** b- 065676
of pathogen of **Ascochyta infection** in cucu- 069434
lesions in experimentally **infected baby** chic- 065496
decemlineata Say are **infected** by **Beauveria** 070433
Diagnosis of **infectious bovine** rhinotracheitis 065373
A serological survey of **infectious bovine** rhi- 065670
calf kidney cells with **infectious bovine** rhin- 065689
ejaculate of artificially **infected breeding** bul- 065676
of Newcastle disease & **infectious bronchitis** 065435
Newcastle disease-**infectious bronchitis** inact- 065537
alone or together with **infectious bronchitis** 065712
fixation test for **infectious bronchitis** virus u- 065721
of virus of **infectious bronchitis** of poultry. 065764
of vaccination against **infectious bronchitis** of 065825
healthy & Botrytis cinerea **infected cabbage** 068282
attenuated strains of **infectious canine** hepat- 065718
death of a potato plant **cell infected** by an i- 069464
by ribonucleic acid virus-**infected cells** in vit- 065381
Extensive Cysticercus **cellulosae infection** in 065508
Source of **infection & characteristics** of foci 065555
Host cell range of **chlamydial infection** in n- 065522
Transplacental hog **cholera infection** in susc- 065387
from healthy & Botrytis **cinerea infected** ca- 068282
Escherichia **coli infection,** number one probl- 065664
in cases of Escherichia **coli infections** in cal- 065703
measures for **controlling infectious** epidydim- 065768
cattle by technique of **infections** with **copper** 065945
Seed treatment of **corn infected** with Helmi- 069523
caused by **infection** with **Corynebacterium** p- 065669
A mixed infection of **infectious coryza** & res- 065724
X-irradiation on Trypanosoma **cruzi infection** 065894
Spread of apple scab & **Cytospora infection** 069567
Infection & deterioration of Picea root wood 069313
trivetrin & tribrissen in **different infections** 065686
for infertility of **infectious disease** origin in l- 065482
Newcastle **disease-infectious** bronchitis inact- 065537
greatment of certain non-**infectious diseases** 064528
Exotic **infectious diseases** of domestic anima- 065402
diseases of livestock. [**Infectious diseases**]. 065483
raising farm complexes. [**Infectious diseases**] 065488
Tadzhik SSR. [Livestock, **infectious diseases**] 065837
Transbaikal region. [**Infectious diseases**]. 065838
in western Siberia. [**Infectious diseases**]. 065839
in animal industry. [**Infectious diseases**]. 065841
greatment of certain non-**infectious diseases** 065973
in field to study arboviral **infection distribu** 070632
bovis (Taenia saginata) **infection** in **district** 065738
Fuckl. & its host plant in an **infection drop.** 069411
tritici Eriks. et E. Henn. in **infection drops** 069414
medium. [Sheep, **infectious enterotoxemia**]. 065762
for controlling **infectious epidydimitis** in ra- 065768
Equine infectious anemia: sensitivity of agar 065445
Exotic infectious diseases of domestic anima- 065402
Immunology of **experimental infections** with 065372
of natural & **experimental infection.** [Listeria 065456
Experimental infection of milk gland of cows 065474
Experimental infections with Pasteurella se- 065521
Experimental infection of colostrum-deprived 065899
lesions in **experimentally infected** baby chic- 065496
Toxic fungi **infecting feedstuffs.** [Fusarium]. 064100
on production of **infection forms** of a-symbio- 071099
Aspergillus **fumigatus infection** in nasal cavi- 065719
Toxic **fungi infecting** feedstuffs. [Fusarium]. 064100
with extracts of barley **grain infected** with 066006
Infection of **grasses** by Septoria nodorum & 069267
spleen & heart of an **infected guineapig.** 065504
application of method in in **hosts infected** w- 065544
Relevance of Meloidogyne **incognita-infected** 069882
of chickens with **infectious inflammation** of 065887
Natural **intestinal infection** with Chlamydia 065382
macrophomina [phaseoli]--**infected jute** plan- 068040
Outbreak of **infectious keratoconjunctivitis** 065770
Comparative study of **infective larvae** of "di- 065405
Survival on herbage plots of **infective larvae** 065528
Galleria mellonella **larvae infected** by Tipula 070938
synthesized in tobacco **leaves infected** with 069717
of sap from tobacco **leaves infected** by potato 069725
in Tadzhik SSR. [**Livestock, infectious** disea- 065837
Infection of Lolium & Festuca spp. by Drec- 069311
consumption by cabbage **loopers infected** 070936
Effects of pyrenochaeta **lycopersici infection** 069241
knowledge concerning **mating infection** with 065606
sera on survival of **mice infected** with Lister- 065513
for detection of barley **mildew infection** per- 069532
A **mixed infection** of infectious coryza & res- 065724
Experimental studies on a **mixed infection** of 065735
frequency of some **multiple infections.** [Catt- 065881
from healthy & **mycoplasma-infected** plants 069614
Effects of **natural infections** of crown rust & 069278
Bscherichia coli **infection, number** one probl- 065664
Naturally **occurring infection** of calves with 065386
Clostridium **oedematiens infection** in cattle 065720
on distribution, rate of **infection, parasites** 070420
detection of barley mildew **infection periods.** 069532
intestinal epithelial cells of **piglets infected** 065446
from healthy & mycoplasma-**infected plants** 069614
a spiroplasma in corn stunt-**infected plants** 069877
Infectivity of **Plasmodium** falciparum gamet- 070609
Pneumocystis infection in sheep. 065802
On etiology of **infectious pneumonia** in lam- 065678
of oxydation enzyme in **potato infected** with 068220
Infection of potato leaves by Phytophthora 069330
glutinosa L. in case of **infection** with **potato** 069608
of oxydation enzyme in **potato infected** with 069753
on photosynthesis of **potatoes infected** by p- 069731
Free amino acids in **potatoes infected** with v- 069739
of cotton varieties & an **infection potential.** 069404
pigs at different stages of **infection process.** 065701
ephedrine & nicotine on **infective properties** 069725
Infection rates of Cercospora apii in mixed 069484
Hosts & trypanosome **infection rates** of Glo- 070659
Mixed **respiratory infections.** [Poultry]. 065420
Effect of **rust infection** of oat leaves on cyto- 069476
on experimental **Salmonella infection** of swi- 065443
egg in defense against **Salmonella infection** 065478
cattle with experimental **SB-701 infection** (065889
Mycobacterium avium **serotype** 2 **infection** in 065416
mineral absorption in **infected sheep.** [Trich- 064307
pancreatic medium. [**Sheep, infectious** enter- 065762
Infectious Staphylococcus diseases in poultry 065401
of Levamisol on **Strongyloides infection** of 065655
Studying infection of primary calf kidney ce- 065689
of a spiroplasma in corn **stunt-infected** plan- 069877
Meloidogyne incognita-**infected sweetpotato** 069882
studies on etiology of **infectious synovitis** in 065667
treatment on leaves **systemically infected** wi- 069680
exposed to Raillietina **tetragona infections.** 065893
Food **toxic infections** through eggs. 063074
of arboviral **infection transmission.** 069655
Trichostrongyle infections of cattle in Swed- 065590
with a subclinical **trichostrongylide infection** 065739
Mattesia trogodermae **infecting Trogoderma** 070935
Hosts & **trypanosome infection** rates of Glo- 070659
an additional pathway for **udder infections.** 065610
Therapy of **infection** in **upper** respiratory tr- 065657
Vibronic infection in West Bengal. [Cattle, 065505
On problem of detecting **viral infection** in l- 070964
adsorbed by ribonucleic acid **virus-infected** c- 065381
Virus infection & chimeras of Ligustrum vul- 066979
on healthy plants & those **infected** by **virus** 068211
with grafting of healthy & **virus-infected** app- 068243
Observations on leafroll-**virus infection** of c- 069612
Virus infection & chimeras of Ligustrum vul- 069626
on healthy plants & those **infected** by **virus** 069728
utilization in healthy & **infected wheat** plan- 069436

INFERTILITY
SEE FERTILITY

INFESTATION
Phytophthora [**infestans**] blight of tomato. 069323
ulmi (Acarina: Tetranychidae), **infestations** 070423
in experimental **Ascarops infestation** of swi- 065833
Rahman & Sapra, **infesting brinjal** in Punjab 070448
Effects of **infestations** by **corn** leaf aphid, R- 070315
conditions of its releasing in **crops infested** 070351
ray inspection of grain for **insect infestation** 070568
A study on persistence of **natural infestation** 070094
on level of root-knot **nematodes infestation** 069832
Prophylaxis against **Oestrus infestation** of s- 065780
Measures for controlling **Oestrus infestation** 070651
for resistance to **Phytophthora infestans** & v- 067227
fungicides in 1972. [**Phytophthora infestans**] 069284
of potato leaves by **Phytophthora infestans** 069330
of potato late blight, **Phytophthora infestans** 069422
with copper salts. [**Phytophthora infestans**] 069448
using maneb. [**Phytophthora infestans**]. 069450
race of **Phytophthora infestans.** 069464
race composition of **Phytophthora infestans** 069564
for resistance to **Phytophthora infestans** & v- 069819
cucurbitae Rahman & **Sapra, infesting** brinj- 070448
in those with **Strongyloides infestation.** 065831
against intestinal **tapeworm infestation.** 065683
pattern of **infestation** of **Tetranychus** urticae 070288
regulators on Anguina **tritici infesting** wheat 069822
in distribution of **infestations** of **wheat** bulb 070322
Course of thread-necked **worm infestation** in 065778

INFILTRATION
Heat loss due to **air infiltration** of heated g- 071468

INFLAMMABILITY
a need for textile **flammability legislation.** 062865

INFLAMMATION
properties of **inflammatory exudative** cells. 065379
of chickens with **infectious inflammation** of 065887
Inflammation of **urinary** tract in rams due to 065946

INFLATION
Inflation & beef prices. 062744
Study on **erecting inflated** roof structures for 071444

INFLORESCENCE
orchids by aseptic culture of **inflorescences.** 068237
transfer chain of **cauliflower inflorescences.** 068461
on development of **grapevine inflorescence** a- 068235

INFLUENZA
during adsorption of **parainfluenza** 1 (Sendai 065476
tests on antibodies against **para-influenza**-3 065423
Demonstration of **parainfluenza** 3 **viral** anti- 065895
A/Hong Kong/ (H 3 N 2) **influenza virus.** 065899

INFORMATION
income to provide an **information basis** for 062847
Information-computer system of agrochemic- 062390
as guide to **information concerning** manage- 066184
Frequency of **financial information &** its pri- 062489
A **mating information** wheel for seasonal he- 065038

Some **information obtained** from study of p- 066658
different sources of **information** in **ranking** of 065107
More **information** on **tax** liability in agricul- 062540
Scientific & **technical information** in forestry 066107

INFRARED
interference in **infrared identification** of kao- 071754
lactose content of milk with **infrared milk** a- 063509
as for use of udder health. [**Infrared milk** a- 063574
Use of **infrared milk** analyzer for determini- 063575
hardening of finishes with **infrared rays.** [Fu- 066431
Interpretation of **infrared spectra** of some s- 071715

INHABITING
life cycles of Viciaceae-**inhabiting species** of 070796

INHALATION
General anesthesia of dog by **inhalation.** 065224
study on efficacy of diethyl **ether inhalation** 065410

INHERITANCE
Trend to **inherit activities** of certain enzymes 067089
Inheritance of beta-**carotene** content in red- 067143
Inheritance of **certain** quantitative character- 067364
Inheritance of **coleoptile** length & culm leng- 067105
ultrastructure of a **cytoplasmically inherited** 067087
Inheritance of **DDT** resistance in species A 070656
Inheritance of **field** resistance to rusts & gl- 067268
Inheritance of **gliadin** composition in bread 067130
Inheritance of **graft** compatibility in Douglas 066318
Study of **inheriting** of **indices** of grain quality 067223
cereale L.) XI. **Inheritance** of **liguleless** con- 067358
Inheritance of **locule** number in a cross in t- 067274
Inherited lysosomal storage diseases: an ess- 065976
Inheritance of **malathion** resistance in Ger- 070577
Inheritance of **photoperiod** sensitivity in cro- 067366
Inheritance of **plasmodial** valine requirement 067152
Inheritance of some **quantitative** characters 067271
Inheritance of **resistance** to downy mildew 067277
Inheritance of **resistance** to bacterial wilt di- 067298
Inheritance of **resistance** to downy mildew 069380
Inheritance of **self**-incompatibility in a few 067145
Inheritance of **self**-incompatibility in Planta- 067166
Note on **inheritance** of **style** thickness in a 067273

INHIBITION
cord of cats during excitation & **inhibition.** 064459
Antibodies inhibiting haemagglutination of 065570
to haemagglutination-**inhibiting antibodies.** 065895
functional xylem & phloem in **inhibited buds** 068060
Perilla [crispa] & flower **inhibition caused** 068452
biosynthesis & **inhibition** by **chemicals.** [Pot- 063122
Structural features **inhibiting** cross-reaction 067476
Inhibition of **development** of larvae of olive 070432
Study of **inhibiting factors** in raw milk with 063144
Factors inhibiting nitrate reductase activity 068006
Structural **features inhibiting** cross-reaction 067476
in Perilla [crispa] & **flower inhibition** caused 068452
On use of pimaricin for **growth inhibition** of 063214
wheat meristems with **inhibition** of **growth** 067984
on growth & on **growth inhibition** by CCC [068133
Phaseolus vulgaris) which **inhibit growth** of 068273
Antibodies **inhibiting haemagglutination** of 065570
reference to **haemagglutination-inhibiting** an- 065895
Chlorella to monuron a **herbicide inhibiting** 070198
of undulation in contact-**induced inhibition** of 064499
Reversal of cycocel **induced inhibition** of rad- 067452
reversal of salinity **induced inhibition** by et- 068316
Indole-3-ethanol oxidase: **kinetics, inhibition** 068453
Mont.) de By **inhibited** by **malathion** sprays 069330
swine leukocytes. III. **migration inhibition** t- 065442
Factors **inhibiting nitrate** reductase activity 068006
a herbicide **inhibiting photosynthesis.** 070198
from bean roots & its **inhibition** by **plant** gr- 068324
Product inhibition of photosynthesis in alfal- 067972
Elimination of non-**specific inhibitions** of Ba- 063582
acceptor. II. Acceptor-**specific inhibition** by 068274
of foodstuffs. 2. **Inhibition** of **sprouting** of st- 063870
leukocytes. III. migration **inhibition test** as 065442
Mechanism of **inhibition** of **tobacco** mosaic v- 069697
Trypsin inhibition of electron transport. [Ch- 068264
insects. III. **Inhibition** of **trypsin** by honey 070791
Inhibition of **warmed**-over flavor in cooked 063621

INHIBITORS
Testing for **bacterial inhibitors** at abattoir of 063211
Inhibitors of **cotton** seeds of different age. 068000
of microbiologically **effective inhibitors** in m- 063179
initiation & phenol **inhibitor effectiveness** d- 063468
gibberellins & **germination inhibitors** during 068545
gibberellic acid & an **inhibitor** of **gibberellin** 068522
Hydrophilic **growth inhibitors** from Laminar- 067736
Pyrid-2-yl)thiourea as root **growth inhibitors.** 068092
Influence of **growth inhibitors** from Vicia fa- 068137
of auxins & **inhibitors** in **honeysuckle** buds. 067590
of trypsin **inhibitor, lipoxygenase** & urease in 063755
Effect of **inhibitors** of **macromolecular** synth- 065874
Influence of **metabolic inhibitors** & tempera- 063714
Effect of **inhibitors** of **nitrification** on conve- 071815
chromatograms: **inhibitor** or **promoter?** [So- 068373
of certain nucleic acid & **protein inhibitors** 067756
Data to antibiotic **(inhibitor substance)** con- 063134
in detection of **inhibitor substances** in food 063582
Effects of protein **synthesis inhibitors** on ox- 068266

INJECTION
two phase effect of intra **articular injection** 065968
Pressure apparatus for **injecting chemicals** i- 066368
of different dates of **injection** an **different** d- 065124
in sheep by **intrahypothalamic injections** of 064360
lung tissue after **intratracheal injection** of B- 065425
in growing pigs after **parenteral injection** of 064565
immunity to swine fever in **pigs injected** with 065747
Influence of **Samorin injections** on weight g- 064114
Combinal E SPOFA & **Selevit injections** in 065985
of immunity in pigs **simultaneously injected** 065737
invasion by Fomes annosus in **tree-injector** 069511

INJURY
in frozen samples after recovery from **injury** 063034
seeds accompanied with **chilling injury,** & re- 063972
Chemically induced root **injury correlated** w- 069506
Injury to **eastern** white pine by sulfurdioxide 066089
on sugarcane in Punjab. 1. **Foliar injury** & 069823
Occurrence of **forest injuries** in area of Ger- 069903
Hot & cold therapy can help **joint injuries.** 065251
Injurious mites in grass seed storage. [Acar- 070585
graminis f. sp. Tritici on **ozone injury** in wh- 069498
infestation & their **injury** to **plants.** 069832
boryanum which modify **radiation injury** of 067581
Low **temperature injury** to peach flower buds 069793
of ozone & sulfur dioxide. [**Tobacco, injuries** 069781

INNOVATION
Innovations in **culture** of Betula verrucosa c- 066346
Innovations in **science** of mechanical soil pr- 072327

INNOXIA
in vegetative organs of **Datura innoxia** Mill 067395
On tissue culture of **Datura innoxia** Mill. & 067805
alternata] blight of **Datura innoxia** Mill. 069377

INOCULATION
On **inoculating beef** cattle with Salmonella. 065827
reservoir for **inoculum** of **Colletotrichum** fra- 069483
of inorganic elements in **inoculated leaves** of 069608
resulting from an **inoculation** by **mycelium** g- 067691
Air-borne rust **inoculum over** western Cana- 069286
in swine after **parenteral inoculation** of dite- 065851
related to age & place of **plant inoculation.** 069735
A **root inoculation** technique to screen pota- 069580
bulls following **simultaneous inoculation** with 065495
bank" for production of **inoculum** of **stem** n- 069905
plantlets after **inoculation** by **strains** of Phy- 069469
Inoculation of **vector** cell monolayers with 069708
live virus vaccine of "C" **inoculation virus** st- 065580
Proper stage for **inoculation** of **wheat** plants 069355
Effect of nitrogen & **inoculum** on **yield** & yi- 072083

INORGANIC
Content of **inorganic elements** in inoculated 069608
with organic & **inorganic fractions** of soil. 071936
acropetal transport of water, **inorganic ions** 068098
vitamin requirements & **inorganic nitrogen** 067640
plasma calcium & **inorganic phosphate** levels 064482
Effects of curing periods & **inorganic salts** a- 066450

INOSITOL
intestinal hydrolysis of **inosite phosphoric** a- 064564

INPUT
Standardization of **agricultural inputs.** [India 062308
in Zaria Province. 2. **Input**-out **study** Vol. II 062212
Input subsidies for variable resources in agr- 062490

INSECTICIDES
of chlorinated hydrocarbons. [**Insecticides**]. 063135
treatments for corn culture. [**Insecticides**]. 070377
Effect of two **insecticides** on "cotton leafwo- 070389
of experiments with some **insecticides.** 070446
persicae Sulz partly resistant to **insecticides** 070483
control by thuricide & other **insecticides.** 070508
Musca domestica L. to some **insecticides.** 070628
Feasibility of using **insecticides** (produced in 070645
Studies on sybergist for **insecticides.** XXIX 070675
of chlorinated hydrocarbons. [**Insecticides**]. 070711
additives to divers substances. [**Insecticides**] 070713
Expert Committee on **Insecticides.** 070748
of water-soluble film on **insecticidal activity** 070264
India & efficacy of some **insecticides against** 070343
Effects of **insecticides** on **alfalfa** weevil (Hy- 070354
Resistance to **carbamate insecticides** in Aen- 070406
concentration of a **chlorinated insecticide.** 070503
their classes. III. **Chlorinated insecticides.** 070672
Comparative insecticide tests to control Me- 070646
on sugar beet with **insecticides containing** f- 070381
Insecticidal control of cutworm (Agrotis yps- 070337
Primicid--a new **insecticide** for **control** of on- 070480
concentrations of **insecticides** in **controlling** 070468
translocation of Bhc & **DDT insecticides** fr- 070352
for bioassay of **insecticide deposits** on leaf & 070662
Systemic **insecticides effective** against poplar 070559
Insecticide action of **esophenchlorphos.** [Le- 070461
Storage of **insecticides** in **fat** body of Spodo- 070691
by aerial application of **fine insecticidal** gra- 070470
A new DDT-**free insecticide** for Colorado be- 070484
sprays with **insecticides** & **fungicides** for cot- 069820
time of application of **insecticides** on **grain** l- 070341
application of fine **insecticidal granules.** [Cit- 070470
levels & results of **laboratory insecticide** tes- 070404
efficacy of some new **insecticides** on **major** r- 070668
concentrations of **insecticides & miticides.** 070300
Toxicity of some **modern insecticides** to pad- 070348
in using **organophosphorus insecticides.** [Cat- 066054
resistance to **organophosphorus insecticides** 070636
in using **organophosphorus insecticides.** [Cat- 070644
of potential **organophosphorus insecticides.** I 070706
Insecticidal paroperties of d-trans chrysant- 070578
cows due to organic-**phosphorus insecticides** 066056
to organic **phosphorus insecticides** of spider 070473
cows due to organic-**phosphorus insecticides** 070737
translocation of **insecticides** in **Picea** abies 070539
of residue analysis of **biocides** from **point** of 070689
effects of **insecticides** used in **Poland** on hon- 070280
Effect of **insecticides** on **postphotosynthetic** 068346
influence of **insecticides** upon **predaceous** in- 070497
their involvement in **insecticide resistance.** 070283
from several **insecticide-resistant** & Suscept- 070603
Effectiveness of **several insecticides** in contr- 070330
of microsomes from **several insecticide**-resis- 070603
Insecticides & **spawn** strains. [Mushrooms] 070471
of housefly to several **synthetic insecticides** 070600
domestica to some **synthetic insecticides** in 070601
Toxicity of **systemic insecticides.** Toxicologi- 066054
trunk applications of **systemic insecticides.** 070415
waterless spraying with **systemic insecticides** 070464
Systemic insecticides effective against poplar 070559
Toxicity of **systemic insecticides.** Toxicologi- 070644
rice leaf-hopper to **insecticides** in **Taichung** 070399
results of laboratory **insecticide tests** for co- 070404
Comparative **insecticide tests** to control Me- 070646
Studies on **insecticidal** action & **toxicity** to 063175
fkngicides & **insecticides** of **toxicologic** signif- 066015
Efficacy of **insecticide** d-**trans**-allethrin. 070239
Effect of **insecticides** on **Trybliographa** rapae 070520

INSECTS
growth & development in plants & **insects.** 067824
of action of inert dusts of **insects.** 070302
Fighting pests of sugar beets. [**Insects**]. 070398
Regulation of moulting in **insects.** 070754
incorporation during development of **insects.** 070887
Calcification in **insects:** dwelling-tube & mid- 070927
growth & development in plants & **insects.** 071027
substances & warning colouration in **insects** 071029
II. Canadian National Collection of **Insects** 071356
Anti-insects borate treatment of green oak f- 070540
determining live weights of **aquatic insect** la- 070817
Control of **insects attacking** stored grain & 070591
for controlling sugar **beet insect** pests. 070361
Study of **insect blood** in adult honey bee (A- 071410
Anti-**insects borate** treatment of green oak f- 070540
Pest status of British wood-**boring insects.** 070528
active fractions of **insect brain** hormones (ac- 070856
Distantiella theobroma, **cacao insect** pests]. 070247
Citrus insect control for summer 1973. 070431
drawer for scientific **insect collections.** 070830
Georgia apple disease & **insect control** guide 069796
25 Years of **insect control.** 070242
Insect control on field crops. 070362
1973 Cotton **insect control** in Oklahoma. 070367
Citrus **insect control** for summer 1973. 070431
Vegetable **insect control** by thuricide & other 070508
A supposedly **cosmopolitan insect:** celery w- 071149
Cotton insect management suggestions. 070363
1973 **Cotton insect** control in Oklahoma. 070367
pomerania area. [Cereal **crops, insect** pests] 070365
Autoxidation of **insect cuticular** lipids: stabil- 070885
Decoding insect messages. [Sex pheromones 070274
Insect & disease control guide for Washingt- 069919
including control of: **insects diseases** & nem- 068640
small grains: weeds, **insects, diseases.** 069744
pests of tobacco. [**Insects, diseases,** weeds]. 069777
Behavior of parasite-**entomophagous insects** 070297
in control of social **insects, especially** Mon- 070569
Some records of **insect fauna** of Gir forest, 071197
I. External feature & habits. [**Fice, insect** p- 070801
X-ray diffraction pattern of **insect flight** mu- 070805
Control of mango **fruit insect** pest. [Dacus 070505
causing sprout damages. [**Fungi, insects**]. 069788
studies of migration in **bugs** of **genus** Dysde- 070989
"Green-bug" on Shevaroys. [Coffee, pest co- 070253
processes of **haematophagous insects.** III. I- 070791
approaches to control of **harmful insects.** 070260
synthetic materials with **insect hormone** act- 070806
ray inspection of grain for **insect infestation** 070568
live weights of aquatic **insect larvae,** with a 070817
Vermont, & Southern Maine **insect list.** I. 071172
Wanted: for killing sugarbeets-- **lygus bug.** 070393
Vermont, & Southern **Maine insect** list. I. 071172
Cotton **insect management** suggestions. 070363
Decoding **insect messages.** [Sex pheromones 070274
Insects of **Micronesia,** Mantodea. 071139
acid metabolism in embryo of **milkweed bug** 070809
to knowledge of fauna of **mining insects** in s- 070281
Control of **insect** & **mite** pests of home & ga- 070299

Identification of **insect & mite** pests in field 070408
Control of **insect & mite** pests of field crops 070409
Identification of **insect & mite** pests of alfal- 070410
Control of **insect & mite** pests of tree fruits 070514
Control of **insect & mite** pests of ornamental 070515
Identification of **insect & mite** pests of com- 070516
Control of **insect & mite** pests of commercal 070517
Control of **insect & mite** pests for commerci- 070518
active compounds. **[Insects, mites,** control] 070251
control by home gardeners. **[Insects, mites]** 070434
on locations of **bugs** in north **Moravia** (Het- 071159
Structure & function of **insect muscle.** [Leth- 070802
Insect nutrition. 070988
Ecological studies on aphid, **painted bug &** 070326
Pentatomid bugs & allied species collected f- 070333
mosaic virus. [Myzus **persicae, insect** vectors 069618
Ecology of a new **insect pest** of citrus plant, 070414
Control of mango fruit **insect pest.** [Dacus 070505
equipment for brussels sprouts. **[Insect pest** 071485
for control of rice diseases & **insect pests.** [069296
Distantiella theobroma, cacao **insect pests].** 070247
to biological control problems. **[Insect pests** 070248
Use of light traps in control of **insect pests.** 070269
insect populations or control of **insect pests** 070273
for control of rice diseases & **insect pests.** [070317
for integrated control of **insect pests** in cott- 070328
for controlling sugar beet **insect pests.** 070361
assimilis Payk. [Winter rape, **insect pests].** 070383
assimilis Payk. [Winter rape, **insect pests].** 070384
xylostella Linaeus. [Vegetables, **insect pests,** 070427
Biological control, potato **insect pests].** 070433
control in orchards. II. **[Insect pests].** 070486
Research dealing with **insect pests** of green- 070491
pygmacea & Mycophila speyeri, **insect pests** 070509
Some features on status of **insect pests** in y- 070523
resistance of Pinus to **insect pests.** 070543
on woodlands of Poland. [Trees, **insect pests]** 070548
External feature & habits. [Fice, **insect pests,** 070801
Biological control, potato **insect pests].** 070843
assimilis Payk. [Winter rape, **insect pests].** 071021
pomerania area. [Cereal crops, **insect pests]** 070365
chemistry & activity of **insect pheromones.** 070252
Insect & plant: progressive palaeoecological 071023
development of two predatory **bugs, Podisus** 071083
Floral allurements for **pollinating insects.** 067825
Insects in **population** dynamics of plants. 070294
for determination of **insect populations** or c- 070273
Biological control, **potato insect** pests]. 070433
Entry of an **insect poxvirus** by fusion of virus 071066
of insecticides upon **predaceous insects** of a- 070497
on development of two **predatory bugs,** Podi- 071083
packs demand: bacterial **& insect protection.** 063093
assimilis Payk. [Winter **rape, insect** pests]. 070383
assimilis Payk. [Winter **rape, insect** pests]. 070384
of four species of **insects** in **rapeseed** stocks. 070581
day host plants of aphids **& related insects.** 070292
Insect-resistant varieties: tools for organic g- 070494
Development of an **insect-resistant** cotton b- 070590
Increased occurence of leaf **rolling insects** on 070490
designed drawer for **scientific insect** collecti- 070830
V. Structural studies on an **insect serine** pro- 071396
Insect sex-pheromone & species speciation. 070775
Singing bug of hampshire. New Forest cicada 070810
Queen technique" in control of **social insects,** 070569
Stop **soil insects.** 070249
New **bug species** for CSSR fauna & observat- 071159
pygmacea & Mycophila **speyeri, insect** pests 070509
Disease **& insect spray** schedule for home o- 069916
Disease **& insect spray** schedule for home o- 069917
Disease **& insect spray** program for home g- 069918
ecology of some **thermophilic insects.** [Cara- 070972
on woodlands of Poland. **[Trees, insect** pests 070548
hiroglyphicus Matsumura, an **insect vector** of 069705
multiplying in some tissues of an **insect vec-or** 069652
mosaic virus. [Myzus persicae, **insect vectors]** 069618
Vegetable insect control by thuricide & other 070508
xylostella Linaeus. **[Vegetables, insect** pests, 070427
Venomous insects. 070639
in forage & small grains: **weeds, insects,** dis- 069744

INSEMINATION

on EDP system Cattle (part **"insemination"** 065120
Ayrshire cows before & after **insemination.** 065154
boars used for **artificial insemination.** 064862
of boars intended for **artificial insemination** 064863
advertising. **[Artificial insemination,** beef ca- 065048
utilization of bulls in **artificial insemination** 065068
trends in **artificial insemination** of livestock 065070
stations with **artificial insemination** stations 065071
Artificial insemination. [Cattle]. 065108
processing in case of **artificial insemination** 065130
at Ufa station of **artificial insemination.** 065149
operations in **artificial insemination** of cows 065158
of herd. **[Artificial insemination].** 065164
between date & result of **cattle insemination** 065119
to fine French straws in **cattle insemination** 065208
Remarks on date of **insemination** of **cows** af- 065073
synchronization **& insemination** of a **gilt** po- 065125
with fertile **& nonfertile inseminations** at sy- 065014

INSENSITIVITY

III. A **dibromothymoquinone-insensitive** ph- 068275

INSOLUBLE

polysaccharide & other **insoluble compounds** 067667

INSPECTION

special regard to meat **inspection aspects.** 063178
problems of official **beer inspection.** [West 063047
to problem of **diagnostic inspections** when d- 071530
error in statistical analysis. **[Feed inspection]** 064073
experiences & results. **[Meat inspection].** 063211
Pesticides inspection report, 1972. 070685
Automated **X-ray inspection** of grain for ins- 070568
Commerical feeding stuffs **inspection report,** 064049
Inspections of **rice** cultures in Italy & Fran- 068747
to tasks of Veterinary **Sanitary Inspection.** 065271

INSTANT

"spray" & **"Instant"** milk powder. 063567
products: cooked, canned & **instant bean** po- 063954
Instant method for bacterial count. [Milk]. 063501

INSTARS

Calliphoridae) i. Host location by **first-instar** 070789
Culicidae) with a description of **first-instar** l- 071152
Hormonal induction of **supernumerary insta-s** 070530

INSTITUTIONS

look at European **agricultural institutions.** 068747
France's **institutional food** market-developm- 062774
Cooperation in **marketing--institutional** prob- 062609
botanists with **research institutions** of other 066602

INSTRUCTION

Instruction for **application** of (2-chloroethyl 067979
in Plant Science **Instructional Arboretum.** 066591
Operations] computor-**assisted instruction** in 064995
Related instruction for nonfarm agricultural 062148

INSTRUMENTS

evaluation as an **instrument** for **agricultural** 062170
Hungarian quality **control instruments.** Their 063050
Express-method **& instruments** for **diagnosis** 067582
An **instrument** for **measuring** tree crown wid- 066306
digital **measuring instrument** for testing agri- 071537
in manufacture of **musical instruments.** [For- 066433

INSUFFICIENCY

Adrenal insufficiency in dog: two case repor- 065938
in superaction of **insufficient economic** devel- 066505
wheat in regions of **insufficient moisture** in 068699
Influence of **sodium insufficiency** in fodder 064508

INSULATION

Insolation & temperature effects on maize g- 067959

INSULIN

I & 131I separation from **insulin--antibody** 065283
Effect of **insulin** on **body** composition, rate of 064638
Plasma **insulin concentrations** in parturient 064429
sequence of C-peptide of **duck proinsulin.** 064359
muscles & relationship to **serum insulin &** 064414
Insulin turnover & irreversible loss rate in 064415

INSURANCE

insurance--against or in interest of **insured?** 062137
Workmen's **Compensation Insurance** Group 066186
Opening up **income insurance** also for farme- 062591
Role of **insurance** in **status** & development of 062457
to extension of **unemployment insurance** to 062548

INTAKE

Effect of level & pattern of **energy intake** d- 064616
cell walls. I. Prediction of **feed intake.** [She- 064726
of a reduction in frequency of **feed intake** on 064786
Limits of pasture **feeding intake** of dairy cat- 064871
Influence of **food intake** frequency on 26-14 063255
in plants & possibly **human intakes.** 064346

INTEGRATION

Possibilities for **integrated control** of insect 070328
Socialist **economic integration** & outlook for 062950
Temperature **function integration** & its impo- 063351
prospects offered to **integration** of **Granny** 069124
Integration of **Great** Britain into European 062199
progressive **palaeoecological integration.** 071023
development **& integration** of **program** for a- 066183
A case study of **property integration.** [Prod- 062342
Integrated studies on technical environment 072593
Integrated systems for estimation of tree ta- 066193
coli antigen de-**integrated** by **ultrasonics.** [V- 065675

INTEGUMENTS

Avian anatomy: **integument.** I-il. 064523

INTENSITY

different degrees of **intensity** on **chemical** p- 068892
cladoceran populations: **fluctuating intensity** 070815
Structure **& intensity** of **greenhouse.** 071441
of Pinus sibirica to **illumination intensity.** 068568
growth leaves related to **light intensity.** [Fo- 066996
Effect of **light intensity** on tumorigenesis in 067482
with different **light intensities.** 067982
growth leaves related to **light intensity.** [Fo- 068561
Light intensity & temperatures as factors c- 069732
Different sensitiveness of **light intensity** sta- 071409
of beef fat. Effects on **odor intensity** & ranc- 063617
seedlings **& intensity** of **phosphorylation** in 068151
antitranspirants on **photosynthesis intensity,** 067983
degrees of **intensity** on some **physical** prope- 068891
Potential intensity of photosynthesis in some 068331
Selection intensity & response to selection f- 064959
Intensity of **spatial** pattern in plant commu- 066855
Absorption of IKSS **(Spectral intensity** of r- 068376
after selection cutting of **varying intensity.** 066341
by near-ultraviolet **& intensity** of **visible** lig- 068111

INTENSIVE

culture **& intensification** of **agricultural** pro- 066100
as a factor of **intensification** of **agricultural** 072439
Intensification of **agriculture** & plant protec- 062936
Intensive animal production. 064227
Expanded reproduction to **intensify breeding** 065117
resulting aspects of **intensive calf** fattening 064400
Arthrosia of **calves intensively** fed. 065978
of radiobiological effect of **intensive cobalt** 068181
Advantages of **intensive cultivation** of maize 068790
Expanding **& intensifying experimental** work 072128
Intensive farming--a solution for India's food 062880
Costs of **intensive fattening.** [Calves, poultry 062565
Problems in **intensive fattening** of calves wi- 064781
Intensive fattening of heifers. I. Growth. 064813
Intensive fattening of Malagasy Zebu cattle 064818
with Zeranol in **intensive fattening** of young 064856
compound forages in **intensive fattening** of g- 064912
Arthrosia of calves **intensively fed.** 065978
Problems of **intensification** of **fertilizer** use 072163
Foreign **firms intensify** their efforts to pene- 062756
Intensifying forest production & problems of 066285
focus point in **intensification** of **forest** regen- 066378
socialist management to **intensify grassland** 062345
Intensification of **hops** production in Poland 069211
crops relative to **intensifying horticulture.** 067253
Increased intensification of plant production 066891
growing areas as a factor of **intensive land** u- 062266
much waste. case of **intensive livestock** prod- 062426
for disease treatment in **intensive livestock** 065635
theme: **intensification** of **lowland** sheep pro- 064118
Intensive maintenance & managing techniqu- 068620
Can one have an **intensive milk** production 064685
For a rational & more **intensive pasture** ma- 062435
An **intensive plan** & material incentives. [A- 062496
Intensification of **pork** production in Volga 064144
Effect of **intensification** of **potato** culture on 069854
for cattle farms under **intensive production.** 065330
dairy & combined breeds **raised intensively** 063671
On **intensification** of **reproduction** process in 065193
requirement for **intensifying** of **reproduction** 066375
under conditions of **socialist intensification.** 062347
Socialist intensification of forest production- 066291
contribution to **socialist intensification &** rat- 066537
Intensification of **strawberry** production in 062356
Intensification of **technological** processes of 064028
Intensification & utilization of forest supply 066290
Means of **intensifying viticulture** in Odessa 069178
Evaluation of **intensive water** erosion with h- 072344
flour & bread quality of 4 **intensive winter** 068689

INTERCALATION

Formation of girdle, **intercalary bands &** se- 067018

INTERCALVING

SEE CALVING

INTERCONVERSION

succeeding interconversions of different for- 068104

INTERCROPPING

Economics of **intercropping hybrid** sorghum 062478
Effect of methods of **intercropping maize** wi- 068726
A study of **intercropping sesamum** with mai- 068729

INTERFERONS

Some data on **interferons.** 065753
Purification of **mouse interferon** by affinity 065584

INTERGENERIC

SEE GENERIC

INTERGOVERNMENTAL

SEE GOVERNMENT

INTERLABORATORY

SEE LABORATORIES

INTERMITTENT

of Rana temporaria **intermittently exposed** 070746
Intermittent mist propagation. [Equipment] 071643

INTERNODES

relation of number to **elongated internodes.** 066995
on relationships among **internode lengths.** 067296

INTERPHASES

same positions in **interphase associations a** 067085

INTERRACIAL
Interracial crosses with douglas fir: early fie- 066319

INTERRELATION
On **interrelationships** between **biological** el- 068504
Interrelation between **blood** antihemagglutin- 065741
Interrelation between **forest** management & 066177
Interrelationships between **forest** trees & en- 068555
Leucine-**isoleucine interrelationship** in young 064733
Interrelationships between **level** of protein- 064450
Interrelations of **motile** & metabolic activiti- 064364
Interrelations between **parasitic** Fusicladium 069411
their role in **plant interrelations** in phytoce- 068538
Interrelationships in **trace**-element metaboli- 069762
of **interrelationship** between **wild** & domestic 065844

INTERROWS
Fall-plowed, pre-plaintig & **interrow** (rotary 072326
Reducing amount of **interrow soil** loosening 070205
On reduction of **interrow tillage** of potato c- 072325

INTERSTOCK
of rootstocks & **interstocks** on **nutrient** levels 068249

INTESTINES
in swine. 3. Studies on **intestinal absorption** 064564
sulfate chemoprophylaxis **against intestinal** 065683
flagellates & normal **intestinal bacteria** in a 065539
of Chlamydia psittaci of **bovine intestinal** or- 065383
crude protein level on **intestinal & cecal** coc- 064663
function of ventral **intestinal diverticula** in 071013
Electron microscopy of **intestinal epithelial** 065446
pig, hamster & rabbit **intestinal epithelium** 064439
by piglet **intestinal epithelium** ("losure) & t- 064440
Synergistic role of **intestinal flagellates** & n- 065539
Gastro-intestinal helminthiasis in swine. 065636
of specific granules of **intestinal globule** leu- 064255
Gastro-**intestinal helminthiasis** in swine. 065636
activity of **intestinal hemolymph** of Ixodoid- 070629
Studies on **intestinal hydrolysis** of inosite p- 064564
Natural **intestinal infection** with Chlamydia 065382
membrane of **intestines** of 3-to-6-**months**-old 064545
Natural intestinal infection with Chlamydia 065382
of intestinal flagellates & **normal intestinal** 065539
Chlamydia psittaci of bovine **intestinal origin** 065383
of macromolecules by **piglet intestinal** epith- 064440
guinea pig, hamster & **rabbit intestinal** epit- 064439
flow & blood volume in **small intestine** of cat 064254
mucosal dimensions in **small intestine.** 065444
against **intestinal tapeworm** infestation. 065683
A case of **intestinal torsion** in equine. 065977
in contents of stomach & **intestines, & total** 064632
structure & function of **ventral intestinal** di- 071013

INTOXICATION
Intoxication of **buffaloes** fed with Brachiaria 066043
Chelaton in treatment of **cattle intoxicated** 066031
Cyanide intoxication of swine & poultry. 066019
Diagnosing intoxications in honeybees. [Apis 071065
slices after acute **mercurial intoxication.** 066050
how to prevent nitrate-**nitrite intoxications** 066045

INTRACELLULAR
SEE CELLS

INTRAGENIC
SEE GENES

INTRAMUSCULAR
SEE MUSCLE

INTRANUCLEAR
SEE NUCLEAR

INTRAUTERINE
SEE UTERUS

INTRAVENOUS
of sulfonamide after **intravenous application** 065336

INVASION
Nematode **invasive capacity** in sheep in nor- 065679
Pathogenesis of **experimental invasion** of la- 065691
of two herbicides on **invasion** by **Fomes** ann- 069511
On treatment of **nematode invasions** of water 065659

INVENTORIES
Texas cattle economics. [**Inventories**]. 062814
Ecological inventory & data storage-retrieval 066899
National **forest inventory:** Hedges inventory 066127
photo & field samples in **forest inventory.** 066196
of 32 years (1936--1968). [**Forest inventory**] 066268
10 Years continuous **forest inventory** on a la- 066284

INVERSION
polymorphic with respect to ii-1 **inversion.** 071039

INVERTASE
Diurnal behavior of sugarcane **acid invertase** 068085
on synthesis of **dextran sucrase.** 063809
On activity of **invertase** in a **frozen** state. [063795

INVERTEBRATES
investigations of **invertebrate fauna** under st- 071257
Quantitative invertebrate studies in mounta- 070983

INVESTMENTS
Economic effectiveness of **capital investmen-s** 062568
effectiveness of **captial investments** & basic 062577
Dairy **facility investments** & labor economics 062536
Increasing investments in Finnish forestry. 066269
A basic variant of forest **road investments.** 066294

INVOLUTION
Involution of **reproductive** organs & weight 064402

IODIDE
Herbicidal action of **iodide:** effect on chloro- 070225
growth by L-**triethylammonium iodide.** [Guar 067452

IODINE
Retention & removal of 131I [**Iodine**] from 063095
uptake & organification of 131I [**iodine**] by 063253
from insulin--antibody complex. [**Iodine**]. 065283
in cattle. II. Compariosn of **iodine** & **agar** g- 065561
between level of protein-**bound iodine** & rep- 064450
I. Total iodine & protein-**bound iodine** dete- 065212
Iodine, copper & cobalt deficiencies in feeds 063441
precursors: effects on **iodine & intermediary** 064351
of chlorine, bromine & **iodine** in **Norwegian** 071792
Acridine orange staining & **iodine quartz** flu- 067016
in-vivo deidation rate of 131**Iodine Rose** be- 064639

IODOPHORS
Sterilizing effects of **iodophor** on **Salmonella** 063187

IONIZATION
Effect of **ionizing irradiation** on bone defor- 066025
Using **ionizing irradiation** in order to establ- 067201
of protection as opposed to **natural ionizing** 070749

IONS
with different tolerance to toxic a1-**ions.** 068341
salts due to addition of **ammonium ions.** 069984
Localization of **ions** in **cells** of Potamogeton 067574
Thermal & pH [hydrogen-**ion cocentration**] 065515
of light, pH [hydrogen-**ion concentraction**] 063625
Role of pH[hydrogen-**ion concentration**] in 063299
upon pH [hydrogen-**ion concentration**] in c- 063400
sprat stuffing. [hydrogen-**ion concentration**] 063430
of pH [hydrogen-**ion concentration**] & fiber 063622
at pH [hydrogen-**ion concentration**]8.0. 064420
Different hydrogen-**ion concentration** depen- 064563
II. role of pH [hydrogen-**ion concentration**] 067639
Effect of pH [hydrogen-**ion concentration**], 068244
nitrogen & pH [hydrogen-**ion concentration**] 068369
Effects of hydrogen-**ion concentration** of cul- 068399
dioxide & pH [hydrogen-**ion concentration**] 068435
between pH [hydrogen-**ion concentration**] of 071798
PH [hydrogen-**ion concentration**] Chilean v- 071909
sugar beet. [Soil hydrogen-**ion concentration** 071998
amount of hydrogen-**ion concentration.** 072133
Influence of **ion deposition,** water hardness, 063197
Ion exchange purified anthocyanin pigments 063953
ions by lichens: a modified **ion-exchange** pro- 067731
Ion exchange makes chlorine-free NPK che- 072171
investigation based on **hemolymph ionic** & 070808
Role of pH[**hydrogen-ion** concentration] in 063299
size distribution upon pH [**hydrogen-ion** co- 063400
Influence of pH [**hydrogen-ion** concentration 063622
Effect of light, pH [**hydrogen-ion** concentra- 063625
Different **hydrogen-ion** concentration depen- 064563
Thermal & pH [**hydrogen-ion** cocentration] 065515
Effect of pH [**hydrogen-ion** concentration], 068244
different nitrogen & pH [**hydrogen-ion** conc- 068369
Effects of **hydrogen-ion** concentration of cul- 068399
Carbon dioxide & pH [**hydrogen-ion** concen- 068435
on relationship between pH [**hydrogen-ion** 071798
PH [**hydrogen-ion** concentration] Chilean v- 071909
obtaining desired amount of **hydrogen-ion** c- 072133
by a specific substrate at pH [**hydrogen-ion** 064420
of lime in sugar beet. [Soil **hydrogen-ion** co- 071998
Environmental factors **influencing ion** trans- 071807
acropetal transport of water, **inorganic ions** 068098
Effect of **metal ions** on color of strawberry 063952
Uptake of **metal ions** by lichens: a modified 067731
III. Influence of **monovalent ions** & osmotic 070910
on content of sodium & **potassium ions** & on 068348
Ionic relationships of soil & plant. IV. Ion 067393
factors influencing **ion transport** in a Dougl- 071807
relationships of soil & plant. IV. **Ion uptake** 067393
adenosine triphosphatases in **ion uptake.** [C- 068033
Growth & **ion uptake** by wheat supplies nitr- 068126
relationships of soil & plant. IV. **Ion uptake** 071709
Ion & **water** balance in ixodid tick Dermac- 070908
*** 070910

IPOMOEA
varieties of sweet potatoes (**Ipomoea batatas**) 063267
of weeds in sweetpotato, **ipomoea batatas** P- 070215

IRIDESCENT
of two strains of **mosquito iridescent** virus. 071067
Mode of transmission of **Tipula iridescent** vi- 070931
Mode of transmission of **Tipula iridescent** vi- 070932
larvae infected by **Tipula iridescent** virus. 070938

IRIDOIDS
On **iridoids** of **Erythraea** centaurium Pers. 067556
Odontoside: a new **iridoid** from **Odontites** s- 067516
Hastatosid, a new **iridoid** from **Verbena** offic- 067852

IRON
Yield & contents of Fe [**iron**], Mn [Mangan- 068313
Iron absorption from skim milk enriched wi- 063227
on hemoglobin formation & **iron absorption** 064460
application of new organic **iron compounds** 066013
in forming manganese-**iron concretions** in so- 071734
Elimination of traces of **iron & copper** duri- 063859
during different supplies with **iron & copper** 064903
chloroplasts of pea with **iron deficit.** 068328
of newborn piglets & effect of **iron dextran** 064334
Hypersensitivity of piglets to **iron drugs.** [P- 066030
milk enriched with **iron glycerophosphate.** 063227
Ratio of different forms of **iron** in **leaves** & i- 068328
table fluctuations on **iron & manganese** avai- 067637
microorganisms in forming **manganese-iron** 071734
table fluctuations on **iron & manganese** avai- 071806
Cytoplasmic **nonhemin iron** porteins from n- 067842
fattening of calves with low-**iron nutrition:** e- 064781
Peroral application of new **organic iron** co- 066013
Iron in **plant** nutrition. 067398
Cytoplasmic nonhemin **iron porteins** from n- 067842
in microbial activity & **iron reduction** in rhi- 068122
oxidation-reduction of **iron** by **sorghum** roots 068177
hematology & liver copper & **iron storage** of 064438
Effects of **iron sulfate,** phosphorus, & zinc s- 068308
Influence of an **iron supplementation** on me- 064815

IRRADIATION
mutations in sugar beets through **irradiation** 067177
temperatures following gamma **irradiation.** [070582
L.) to presence of radiation of gamma-**rays.** 070605
of vegetation by chronic gamma **irradiation.** 071769
sterilization tests of males by **X-rays.** 070246
Irradiation application for preservation of f- 063870
action of gamma **rays** on **bacteria** & spores. 065804
of gibberellin on gamma-**irradiated barley.** 068142
Gamma-**irradiation** of **beef** fat. Effects on od- 063617
Ecology & gamma **irradiation** of **cabbage** wo- 070507
operation of a veterinary **X-ray centre.** 065280
obtained as a result of **irradiating certain** sp- 067193
Effect of **continaul irradiation** with lower do- 066026
Effect of **continual irradiation** of middle flow 066027
Effect of **continual irradiation** with high dos- 066028
BUdR) on gamma-**irradiated Crepis** capillar- 067162
A preliminary **X-ray crystallographic** study 068352
analogs on low-angle **X-ray diffraction** patte- 070805
by cobalt 60 gamma-**rays** on **dormant** buds. 068349
induced by **irradiation** in **Drosophila** melan- 070868
to cesium-137. I. **Irradiation** of **eggs:** effects 070571
treatment with gamma-**rays** & **ethyl**.neimine 067073
effects of gamma-**irradiation & ethylene** imi- 067069
effect of X **rays & ethylmetansulfonate** on b- 067381
Trin. 1. Distribution of **irradiance** & **foliage** 067753
Irradiation of **food.** I. 063291
of significance of **food irradiation.** 063448
Examination of **irradiated frozen** eggs during 063684
in tissues of gamma-**irradiated Galleria** mell- 070938
of green buds in **gramma-irradiated** leaf & s- 066936
Effects of gamma **irradiation** on **growth** & y- 067799
Effects of gamma **irradiation** on **growth** & y- 068136
Effects of gamma **irradiation** on **growth** & 068171
of Vicia faba chromatids with **X-ray-induced** 067310
Gamma **irradiation induced** variability in P- 067340
hardening of finishes with **infrared rays.** [Fu- 066431
Automated **X-ray inspection** of grain for ins- 070568
Effect of **ionizing irradiation** on bone defor- 066025
Using **ionizing irradiation** in order to establ- 067201
Effect of gamma **ray irradiation** of initial fo- 067182
with use of cobalt 60 gamma **ray irradiation** 067199
chemicals on effecto of **X-ray irradiation** of 067200
dosages & power of gamma **ray irradiation.** 067203
Effect of ultraviolet **ray irradiation** of paren- 067384
Effect of gamma **ray irradiation** of initial fo- 068020
Effect of **irradiation** on **juice** sugars & wine 063996
of green buds in gramma-**irradiated leaf** & s- 066936
callus in relation to **irradiation** of **media.** 068468
Effects of gamma **irradiation** on **metabolic** a- 068144
by means of **X-ray microanalyser** electron m- 067652
seeds are **irradiated** & upon **modification** of 067362
fractionated gammaand **neutron irradiation** 067379
Irradiating oats at different stages of develo- 068021
of "storage effect" in **irradiated plant** seeds 067802
of selection in post-**irradiation populations** of 067072
for early detection of **irradiated potato** tube- 068349
of extracts from gamma-**irradiated potato** tu- 069661
on identification of **irradiated potatoes.** IV. 064035
Postnatal growth in **prenatally irradiated** ra- 064374
Effect of gamma **ray irradiation** of initial fo- 067182
with use of cobalt 60 gamma **ray irradiation** 067199
chemicals on effecto of **X-ray irradiation** of 067200

dosages & power of gamma **ray irradiation.** 067203
Effect of ultraviolet **ray irradiation** of paren- 067384
Effect of gamma **ray irradiation** of initial fo- 068020
attributes through gamma-**irradiation** in **rice** 067267
An X-**ray scattering** investigation of broad b- 069653
Effect of **seed irradiation** on plant resistance 069426
Effect of gamma-**irradiation** of **seeds** on sup- 068138
Influence of gamma-**irradiation** of **seeds** on 068140
Effect of gamma-**rays** on **spirochetes** of Bor- 065732
A model for ultraviolet **rays stimulation** of 068514
potatoes. IV. effect of X-**rays** on **synthesis** of 064035
photosynthesis with short-**term irradiation** 067872
virus reproduction in X-**irradiation tobacco** l- 069697
of total-body X-**irradiation** on **Trypanosoma** 065894
Effect of **ultraviolet ray** irradiation of paren- 067384
Ultraviolet irradiation of components of wh- 067910
A model for **ultraviolet rays** stimulation of 068514
induced by **ultraviolet irradiation.** [Phytoph- 069497
of RNA induced by **ultraviolet irradiation** of 069651
Effect of acute gamma **irradiation** at **various** 068542
dosages of gamma **irradiation** on **wingbeat** f- 070874
of dorsiventrality on formation of **wood rays** 067059

IRREVERSIBILITY

Insulin turnover & **irreversible loss** rate in 064415

IRRIGATION

to preceding crops & under **irrigation.** 068028
sugar beet & changes caused by **irrigations.** 068070
Studies of automation of **irrigation.** 071596
fertilizers to wheat & corn under **irrigation.** 072074
growing in sandy soils under **irrigation.** 072207
Utilization of saline waters for **irrigation.** 072369
Use of sewage for **irrigation.** 072392
means of further development. **[Irrigation].** 072402
saline lands in Volga region. **[Irrigation].** 072403
construction in Volga region. **[Irrigation].** 072404
developing countries in field of **irrigation.** [a- 072473
reclamation canals by explosives. **[Irrigation** 071481
Effect of tillage & **irrigation** on **amount** of n- 071848
feeding of sheep in **irrigated areas** of Volga 064716
of fertilizers & **irrigation** on **biochemical** & 068029
Effects of **brackish irrigation** water & fertili- 068658
machines for cleaning farm **irrigation canals** 071558
of machines for lingin of **irrigation canals.** 072383
K-4 & K-9 for controlling **irrigation-caused** 072318
Optimum designing of rice **irrigation checks** 071452
When orchard **irrigation comes** from guess- 069131
Studies **concerning irrigation** regime for pot- 072470
wheat varieties under un-**irrigated conditions** 068613
K-4 & K-9 for **controlling irrigation**-caused 072318
of nitrogen fertilization to **irrigated cotton** 062531
Effect of **irrigation** on **crop** formation of rou- 072455
of ground waters for **irrigation** of **culivated** 072390
On establishment of **irrigated cultivated** pas- 068721
Development of **cultivated irrigated** pastures 072385
Irrigated cultivated pastures to every farm. 072389
Effectiveness of **developing irrigated** lands on 062527
area in relation to **irrigation development.** 072399
Use of waste waters for **irrigation** in **Donbas** 072372
of improved soils. **[Drainage, irrigation].** 071788
Irrigation & **drainage** in Camargue & protec- 072370
on industrial base. **[Drainage, irrigation].** 072374
in Turkmenia. **[Drainage, irrigation].** 072376
in Crimean Region. **[Irrigation, drainage].** 072377
of improved soils. **[Drainage, irrigation].** 072378
of meliorative networks. **[Drainage, irrigati-n** 071448
Drip irrigation: one way to go! [Vegetables] 072352
Drip irrigation: how to fight salinity. [Calif- 072360
Drip irrigation--practices & application. [Ci- 072361
One man's experience with **drip irrigation.** 072362
Effect of **irrigation** on **dynamics** of microorg- 071827
Center. [Spraying **equipment, irrigation** equ- 071666
Research on **irrigation, expulsion** & ground 072469
New machines for cleaning **farm irrigation** c- 071558
A handy tool for **irrigation farmers.** 071597
organization of labor in **irrigated farming** in 062382
breeding spring wheat for **irrigated farming** 067263
hybrids of farm crops for **irrigated farming** 067265
Breeding spring wheat for **irrigation farming** 067356
A new machine system for **irrigated farming** 071593
Irrigation & **fertilizers** as factors for regulat- 072193
Effectiveness of **irrigated field** crop culture 062529
On development of non-**irrigated grape** cult- 069170
Organization of **irrigation** & **grazing** of cattle 072387
of different levels of **irrigation** on **growth** & 068172
Irrigation & **incipient** commercialization in 068883
from field channels in **irrigated Indian** villa- 062578
Technique of **irrigation installations.** 070797
of grain production on **irrigated land** of Vol- 062528
cattle-raising frams on **irrigated lands** of mi- 062381
Effectiveness of developing **irrigated lands** on 062527
forest shelterbelts on **irrigated lands.** 066103
yields of grain crops on **irrigated lands** of V- 068717
root rots occurring on **nonirrigated lands** in 069409
use of mineral fertilizers on **irrigated lands** 072070
in effective development of **irrigated lands** of 072401
wheat varieties when **irrigated** in **light** ches- 068711
of Proso millet to **limited irrigation.** 068644
seed culture in relation to **irrigating lower** 068722
Meteorological bases of **irrigation** of **maize.** 072398
Irrigation material: Tendencies. 071594
culture. I. effects of **irrigating methods** on g- 069038
its utilization in **minor irrigation.** 072415
maintenance of drainage & **irrigation netwo-k** 071449
Irrigation norms for grain crops in Volga re- 072400
Irrigation offers hopes for higher income. [072367
When **orchard irrigation** comes from guess- 069131
of capital investments in **irrigated orchards.** 062568
caused soil erosion with **overhead irrigation** 072318
Effect of **overhead irrigation** on heat & water 072465
Irrigated pastures--a powerful reserve of fod- 072384
Development of cultivated **irrigated pastures** 072385
Effectiveness of **irrigation** of **pastures** on flo- 072386
level of ground water in **irrigated pine** fores- 071950
of subsurface **irrigation pipelines.** 071450
of manure application & **irrigation** on **plant** 068903
Drip **irrigation**--**practices** & application. [Ci- 072361
Preseason irrigation for grain sorghum. 072363
Preseason irrigation for corn. 072365
Some investigations on **irrigation problems** 072438
of fertilizers & **irrigation** on **properties** of st- 067988
Studies concerning **irrigation regime** for pot- 072470
of ground water system in **irrigated regions** 072408
Water requirements & **irrigation requirement** 069054
Irrigation requirement of raya (Brassica jun- 072416
Optimum designing of **rice irrigation** checks 071452
On **irrigating rice** in lower Volga region. 072406
hydrological records for **rice irrigation** syst- 072471
On basic tillage in **irrigated rotation** of crops 072270
Irrigation scheduling for corn in southeaste- 072364
is future of large new **irrigation schemes?** 072420
Irrigation by **sewage.** 072391
Irrigation & **socio**-political organization of 072449
Moisture space variability of an **irrigated so-l** 071881
Manganese in **irrigated soils** of Andizhan R- 071720
indices & fertility of **irrigated soils** of Trans- 071925
interrow (rotary) tillage of **irrigated soils** in 072326
Spray irrigation: different means, costs of in- 062563
Physiological significance of **spray irrigation** 068385
Spray irrigation: different means, costs of in- 071657
Systems of **irrigation** for **spring** & winter w- 072411
Sprinkler irrigation & water consumption of 072405
Studies on effect of **sprinkler irrigation** on y- 072445
expenditures on operation of **state irrigation** 062509
Irrigation on **steep** land. 072357
VIII. efficiency of **irrigation** in **substitution** 072458
on construction of **subsurface irrigation** pipe- 071450
On **irrigating sugar** beets grown in Sierozem 072463
Studies on **sugarcane irrigation.** VI. Effect of 068172
Studies on **sugarcane irrigation.** VIII. efficti- 072458
modern systems of **irrigation** by **surface** floo- 072412
Your **irrigation system** can wear two hats!. 072353
Operation of **irrigation systems** in Poland. 072373
records for rice **irrigation systems.** 072471
on operation of state **irrigation systmes.** 062509
of palmetto-type apple **trees irrigated** by va- 068381
of wheat varieties under **un-irrigated** conditi- 068613
varieites & hybrids for **irrigated vegetable** c- 067230
of farm crops under **irrigation** in **Volga** regi- 067606
solutions to problems of **irrigating Volga** reg- 072410
Effect of **irrigating** with **waste** water on yield 072472
Effects of brackish **irrigation water** & fertili- 068658
effect of qualities of **irrigation water** & fertil- 072232
in connection with **irrigating wheat.** 072072
of application on yield of **unirrigated wheat** 072084
Irrigating wheat in Volga region. 072407
Wheat irrigation in Israel. 072418
Grain quality of **irrigated winter** wheat in s- 068702
on yield & qualtity of **irrigated winter** wheat 071981

ISOCOUMARINS

Isocoumarin artemidin from Artemisia drac- 067510

ISOCYANATES

of wood with **isocyanate compound.** 066492

ISOENZYMES

Amylase isoenzymes at early phases of deve- 067974
complex & some **isoenzymes** of **Chlorella** vu- 067718
Study of activity & **isoenzyme composition** 068220
Two **isoenzymes** each of **glucose**-6-phosphate 068257
caused alteration of **isoenzyme pattern** of 068463
growth substances on **peroxidase isoenzymes** 067887

ISOGENIC

at Ml-a-locus in six pairs of **isogenic barley** 067128

ISOLATION

Antagonism of Scytalidium **isolates against** 069473
delta 14-vincamine, new **isolated alkaloid** of 067856
Isolation & **amino**-acid sequence of C-peptide 064359
of strains of Staphylococcus **aureus isolated** 065613
on avian Mycoplasma. I. **Isolation** of **avian** 065501
Methods of **isolation** of **Azotobacter** bacteri- 071902
virus: conditions for **isolation** & **biochemical** 065427
hybrid seed in grasses under **isolation cages.** 067095
intermediary metabolism of **isolated calf** thy- 064351
of growth regulators by **isolated callus** tissu- 067410
Isolation & **characterization** of an equine ad- 065514
Isolation & **characterization** of cytoplasmic 067449
reinhardtii: **isolation** & **characterizaton.** 067710
reference to **isolation** of a **chlorogenic** acid i- 068455
Purity of **chloroplasts isolated** in non-aqueo- 067651
Isolation of **chloroplasts** from rice leaves us- 068155
by photosystem I in **isolated chloroplasts.** 068276
of iron in leaves & **isolated chloroplasts** of 068328
in **isolated chloroplasts** of pea plants. 068344
Photosynthesis by **isolated chloroplasts:** so- 068411
reaction of **chloroplasts isolated** from leaves 069660
method for specific **concentration, isolation** 071906
processes in **isolated cotyledons** of gourd. 068484
American tropics. VIII. **courtship isolation** 070866
Forskal) raised in **isolated** & **dense groups.** 070769
on estrogenic activity of **diogenins isolated** f- 067616
in Ericaceae. I. **isolation** of **endophyte** & sy- 067733
Isolation of **enteroviruses** from swine. 065830
Isolation of **Escherichia** coli 3157 from pigs 065448
Isolating foot-anMmouth-disease virus with 065676
Isolation & **fractionation** of chicken egg whi- 063682
Antibiotic properties of **fungi isolated** from 067698
Effects produced by **fungi isolated** from rhiz- 068071
studies of ocine gamma G **globulins isolated** 064267
A quinol **glucoside isolated** from Cornus spe- 068213
of Staphylococcus sp. **isolated** from **goats.** 1. 065705
Isolation & **identification** of stimulatory sub- 063522
Isolation & **identification** of volatile flavor c- 063620
Isolation & **identification** of Vibrio coli & " 065692
Isolation, identification & screening of phyl- 067613
studies on **Lactobacillus isolates** from San F- 063692
An **isolating layer** to control evaporation los- 072267
Fatures of growth of **isolated lupine** root. V. 068073
Variation among **isolates** of **Macrophomina** 069467
carbon metabolism in **isolated maize** bundle 068114
Permeability of **isolated mitochondria** to ox- 064320
Isolation of **naphthazarin** from walnut "Oni- 068593
Isolation of a **nephrotoxin** from Penicillim p- 063058
Isolation of **OLT** group virus in cases of she- 065761
differences amongst three **isolates os** Helmi- 069359
Isolation & **partial** purification of protease f- 064243
Isolation & **properties** of chloroplast particl- 067443
Isolation & **properties** of protein franctions 068273
Isolation & **properties** of external & internal 068281
Isolation & **properties** of glutamate dehydro- 068319
Isolated protein from linseed meal. I. Nutrit- 063228
New corn **protein isolate:** Nutritive, functio- 063234
Isolation of **psoralene** & angelicin from Pso- 067746
Isolation & **quantitative** evaluation of alkalo- 067807
factors on sporulation by an **isolate** of **ract** 069516
strains with factors of **resistance isolated** fr- 070636
Perfect stage of an **isolate** of **Rhizoctonia** so- 069300
normal tissue of Althaea **rosea isolated** from 066976
Species of **Salmonella isolated** from swine on 065871
Antagonism of **Scytalidium isolates** against 069473
Escherichia coli **serotypes isolated** from cas- 065612
A selective medium for **isolation** of **soil** yeast 071907
during photosynthesis in **isolated spinach** ch- 068354
microscopic study of a **spirochete isolated** fr- 065618
Nature of cultures of **Staphylococci isolated** 063199
A virus **strain isolated** from chickens showi- 065557
Sensitivity of bacterial **strains isolated** from 065452
Isolation & **structural** elucidation of eupaser- 067670
chemistry. XXX. **Isolation** & **structure** of pu- 067538
heyneanus Wall. VI. **Isolation** & **structure** of 067609
Isolation systems for poultry research. 064235
Viral isolates from livestock in northern Ni- 065394
Identification of **virus isolated** from potato 069664
of soil-borne wheat mosaic **virus isolates** fr- 069686
Turnip mosaic **virus isolated** from rhubarb p- 069633
Isolation & in **vitro** cultivation of cells of E- 068084
A report on **isolation** of **watermelon** mosaic 069649

ISOLEUCINE

Leucine-**isoleucine interrelationship** in young 064733
Reevaluation of **isoleucine requirement** of y- 064734

ISOMERS

Effect of **isomers** of **DDD** on ACTH-induced 066048

ISOPEROXIDASES

Isoperoxidase patterns in petals of Plumeria 068424

ISOPROPYL

with 3-**isopropyl**-1H-2,1,3-**benzothiadiazin**-4 069967
isopropyl-1H-2,1,3-**benzothiadiazin**-4(3H)-o- 069986
methods on effect of **isopropyl methane** sulf- 067081
in cereals using N-**(isopropyl** -4-**phenyl)**-N' 070131

ISOPTERA

Nasutitermes rippertii; **Isoptera).** 070759
of Schedorhinotermes putorius **(Isoptera)** so- 070891
experimental genetics in termites **(Isoptera)** 071020
of Anacanthotermis macrocephalus **(Isoptera** 071096
bellicosus Smeathson **(Isoptera-Termitidae)** 071019

ISOTHERM

on phosphate **sorption isotherms** & phospha- 071766

ISOTHIOURONIUM

properties of some S-**alkylisothiouronium** 2: 069764
S-**alkylisothiouronium arsonates.** 069763

ISOTOPES

On composition of **stable isotopes** of water 063942
Standard isotope versus nitrogen balance cri- 072007
equipment with use of **isotope techniques.** 063201

ISOZYMES
Genetic studies on beta-**amylase isozymes** of 067153
in activity of LDH-X **isozyme** in **cock** sper- 064969
of changes ofmalic **dehydrogenase isozyme** 067796

ITHOMIIDAE
from Amazonas, Venezuela **(Ithomiidae).** 071207
hezia from Zulia, uvenezuela **(Ithomiidae).** 071208

IVY
Control of **poison ivy** (Rhus radicans) in la- 070221

IXODES
Larva of **Ixodes cookei** (Acarina: Ixodidae). 070780
longicornis **& Ixodes persulcatus** (Ixodoidea: 071046
marginatus, Dermacentor **pictus, Ixodes** pl- 070653
tion in south of Ukraine. **[Ixodes ricinus].** 070632
Ion & water balance in **ixodid tick** Dermac- 070908
*** 070910

IXODIDAE
in 1844 from Brazil (Ixodoidea: **Ixodidae).** 070620
Larva of Ixodes cookei (Acarina: **Ixodidae).** 070780
Ixodes persulcatus (Ixodoidea: **Ixodidae).** 071046
in 1844 from Brazil (Ixodoidea: **Ixodidae).** 071201
Say. at near saturation (Acarina : **Ixodidae)** 070752
in ixodid tick **Dermacentor andersoni.** I. Ro- 070908
070910
sevin & trichlorfon. **[Ixodidae, Hyalomma,** 070650
in "hard ticks" **(Ixodoides, Ixodidae).** I. Pr- 071080
Dermacentor **marginatus, Dermacentor** pict- 070653
Haemaphysalis spp. & **Dermacentor spp.)** in 070640

IXODOIDEA
Cytogenetics of ticks (Acari: **Ixodoidea).** Ii. 070619
by Koch in 1844 from Brazil **(Ixodoidea:** Ix- 070620
of intestinal hemolymph of **Ixodoidea.** I. [A- 070629
studies of certain ticks **(ixodoidea).** Cycle of 070941
Cytogenetics of ticks (Acari: **Ixodoidea).** Ii. 070943
longicornis & Ixodes persulcatus **(Ixodoidea:** 071046
by Koch in 1844 from Brazil **(Ixodoidea:** Ix- 071201

JAMS
Suitability of fruit for **jam manufacture.** 063900

JAPONICA
Note on effect of rhizobium **[japonicum]** in- 071800
Cryptomeria **japonica, Chamaecyparis** obtusa 068551
in a young stand of **Cryptomeria japonica** D 066235
stem curve of sugi. **[Cryptomeria japonica].** 066236
grown from cutting. **[Cryptomeria japonica]** 068550
on frost hardiness of **Cryptomeria japonica** 068552
for planting stock of **Cryptomeria japonica.** 068589
in sugi plus trees, **Cryptomeria japonica** D. 070542
amurella, Pancalia **leeuwenhoekella japonica]** 071304
Ozark food plots. **[Lonicera japonica].** 066133
Mundochthonius **japonicus, Microcreagris** e- 071251
bignonioides, Sophora **japonica, Pinus** taeda 068227
lumber. [Sinoxylon **japonicum, Quercus].** 070540
Effect of mixing **Rhizobium japonicum** with 072101
crosses between Indica & **Japonica varieties** 067366

JATROPHA
SEE EUPHORBIACEAE

JEJUNUM
of sugar transport in **jejunum & ileum** of ch- 064563

JELLY
Quality evaluation of **apple jelly** prepared f- 063948

JOWAR
SEE DURRA

JUGLANS
Fungistatic action of **Juglans** [regia]. 069245
in mitochondria **[Juglans mandschurica** max- 068593
Juglans manshurica & its supply in Soviet 066791
Prunus serotina, wood, **juglans nigra** l]. 066563

JUICES
optimum conditions for sulfitation of **juice.** 063793
of stable isotopes of water in **apple juice.** 063942
of milk of lime on efficiency of **beet juice** p- 063816
on quality constituents of sugar **cane juice.** 063744
as a colorant for cranberry **juice cocktail.** 063953
Thin **juice decolorization.** [Sugar manufactu- 063867
Breaking down pectins. [Swine, **Fruit juices** 063899
on secretion of saliva & **gastric juice** in she- 064555
Change of amino acids in **grape juice** during 064005
Increasing juice yield from apples for indust- 063921
Determination of nitrogen in **sugarbeet juice** 063765
Effect of irradiation on **juice sugars** & wine 063996
Filtration fabrics in field of **thick juice** & li- 063868

JUJUBE
Euproctis fraterna Moore, on **jujube** (Zizip- 070449

JUNCACEAE
Microspore genesis in **Juncus & Luzula.** 067002

JUNIPERS
Propagation of **juniper cuttings** in various 068230
Influence of chaining **pinyon-juniper** on net 066862
juniperovora, Cerospora **sequoiae juniper].** 069518

JUNIPERUS
Arizona cypress. **[Juniperus virginiana,** Cup- 069518

JUTE
some mechanical properties of **jute & allied** 063693
macrophomina [phaseoli]--**infected jute** plan- 068040
on optimum dates of sowing of **olitorius jute** 068734
Jute technological research laboratories. 063369

JUVENILE
staminate strobili formation at **juvenile age** 068592
Use of a **juvenile hormone** analogue against 070245
studies on effects of **juvenile hormone** analo- 070602
Effects of **juvenile hormone** analogues on m- 070774
Juvenile hormone-initiated sexual maturity 070853

KABATIELLA
in red clover. **[Kabatiella caulivora].** 067114

KALANCHOE
Light sensitiveness of **Kalanchoe** [blossfeldi- 067429

KALE
killers for annual weeds in root crops & **kale** 070123

KAOLINITE
in infrared identification of **kaolinite** in **soil** 071754

KARAKUL
makeup of black & **gray Karakul** lambs rela- 065150
Judging fur quality of **Karakul lambs.** 063584
in sheep in order to obtain **Karakul lambs.** 065341
of Askania-Nova type of **Karakul sheep** & t- 065167
vitamin-mineral deficiency in **Karakul sheep** 065991

KARYOLOGY
Karyological characteristics of flora represe- 066819
A **comparative karyological** study of three s- 071352

KARYOTYPES
variability of **karyotype** in **continually** culti- 071041
Karyotypic evolution in two series of cell li- 064488
Further studies on **karyotypes** & **sex** determ- 070864
A **karyotypic study** of Cypresses indigenous 066612

KATYDIDS
faunistic comments on **decticine katydids** wi- 071111

KEIFERIA
for tomato pinworm. **[Keiferia lycopersicella** 070465

KENAF
A study of **kenaf;** dimensions of elemental f- 063808
an isolate of Rhizoctonia solani from **kenaf.** 069300

KERATOCONJUNCTIVITIS
Outbreak of **infectious keratoconjunctivitis** 065770

KERNELS
of microflora from **barley kernels** with ethyl- 069275
Fusarium species on **groundnut kernels** & in 069536
in paired & **individual kernels** of Aez mays 067155
metabolism in dehydrating **peanut kernels.** 068101
of nitrogen on fat content in **rice kernel.** 067944
of chlorogenic acid from **sunflower kernels.** 063757

KEROSENE
Pure petkolin in water & **petkolin-kerosine** 070715

KETOSIS
of rumen contents & **ketosis formation** in c- 064542
Studies on occurrence of **ketosis & liver** dys- 065982
Ketosis in **pregnant** sheep & lactating cows: 065912
Ruminant ketosis. I. **primary ketosis.** 065962
Histochemical location of **ketose-reductase** 064408

KETTLES
Kettle Moraine State Forest, northern unit 066166

KIDNEYS
vulgaris L. cv. Blue Lake. **[Kidney beans].** 067340
variability in improvement of **kidney beans** 067343
permeability of leaf tissue. **[Kidney beans].** 067918
of Phaseolus bulgaris. **[Kidney beans].** 068322
H-sesquisulfate in plant tissue. **[Kidney bea-s,** 068357
to sodium absorption. **[Kidney beans].** 068432
as a result of osmotic shock. **[Kidney beans]** 068442
microelements on growth on **kidney beans** (068498
India. [Xanthomonas phaseoli, **kidney beans** 069585
bean Phaseolus vulgaris. **[Kidney beans].** 070225
biloba, tobacco, strawberries, **kidney beans]** 070279
Hylemya cilicrura Rond. I. **[Kidney beans]** 070330
biloba, tobacco, strawberries, **kidney beans]** 070997
tests of dry field beans, 1972. **[Kidney beans]** 068645
Studying infection of primary **calf kidney** ce- 065689
patoc & canicola in three **kidney cell** culture 065389
influx, in baby hamster **kidney cells** & chick- 065476
infection of primary calf **kidney cells** with i- 065689
of potassium influx, in baby **hamster kidney** 065476
Level of mercury residues in **horse kidneys** 066504
spectrophotometry. **[Horses, kidneys].** 066034
in fodder on functioning of **kidneys & lactic** 064508
associated with calcification in **ovine kidney** 065930
in India. [Xanthomonas **phaseoli, kidney** be- 069585
of [carbon 14]lactate by **rat kidney** slices af- 066050
Muscle & **kidney selenium** levels in calves 064346
of [carbon 14]lactate by rat **kidney slices** af- 066050
Exposure rate effect on liver, **kidney, spleen** 064374
Ginkgo biloba, tobacco, **strawberries, kidney** 070279
II. Pathological changes in **kidney, ureter,** 065578

KIDS
SEE GOATS

KILLERS
A **killer of sheep.** [Entrotoxaemia]. 066029
A nucleic acid associated with a **killer strain** 067709
"fungicide action from some **weed-killers** in 069340
Selective **weed-killers** for use on cereals in 070122
Choosing selective **weed-killers** for annual w- 070123
"fungicide action from some **weed-killers** in 070136

KILLING
Beetle-killed pine estimates. [Dendroctonus 066271
Encyrtidae) in gypsy moth **eggs killed** with 071082
of slaughter pigs, before **killing, & indexes** of 064265
Wanted: for **killing sugarbeets--** lygus bug. 070393

KILN
Biochemistry of **malt kilning.** 063719

KINASES
qualitative evolution of **creatine kinase** in r- 064291
Phosphoglycerate kinase polymorphism in 070770

KINEMATICS
Kinematic properties of beet topper in root 071703

KINETICS
by sunflower root system. **Kinetic analysis.** 067995
auxin in pea stem tissue. I. **Kinetic aspects.** 068440
Autoxidation kinetics of some unsaturated f- 063469
Autoxidation kinetics investigation of methyl 063865
Kinetics of **changes** ofmalic dehydrogenase i- 067796
Disposition kinetics of amphetamine in rum- 064300
Kinetics of **fluorescence** of chlorophyll in pi- 067455
Kinetics of **formation** of aroma complex of 063781
Indole-3-ethanol oxidase: **kinetics, inhibition** 068453
hormone action. II. **kinetics** of **lipid**-induced 068449
A simple **kinetic method** to determine amyl- 063325
Kinetic microdetermination of mercury in n- 072567
Observations of **reaction kinetics** in relation 063327
Kinetics & residual amounts of tetracycline 065851
Kinetic studies on aggregation of kappa-case- 067447
Kinetics & thermodynamics of fats autoxidat- 063473

KINETINS
at high temperatures by ethephon & **kinetin** 068252
Model-experiments with **kinetin,** 6-**furfuryl-** 067755
Effects of **kinetin** on **growth** & development 068047
Role of auxin & **kinetin** in **induction** of divis- 067999
Effect of **kinetin** on **organogenesis** in tobacco 069614

KITCHENS
Big kitchen garden. 069035
Growing tree potato in **kitchen garden.** 068982
Economics & planning for **kitchen garden.** 069031
Kitchen garden. 069096

KNEES
on proteoglycans obtained from **bovine knee** 064327

KNIVES
of working parameters of a **disc knife** for fish 063428
Increasing durability of feed-**grinding knives** 071695

KNOTS
Evaluation of **knots** in **black** alder (Alnus gl- 066539
vasinfectum] wilt-root-**knot nematode** data f- 067115
on control of root-**knot nematode** (Meloido- 069761
or reniform nematode, root-**knot nematode** 069773
Chemical control of root-**knot nematode** on 069806
Field resistance to root-**knot nematode** in m- 069816
on level of root-**knot nematodes** infestation 069832

KOELERIA
A Septoria disease of **Koeleria macrantha** in 069285

KRAFT
oxidation reactions in **kraft liquor** recovery: 066529
Ground beetle populations near a **kraft mill.** 070786
Effect of rot on **kraft pulp** yield & quality--a 066528
Studies on **Kraft pulps** from Japanese larch 066510

LABELING
FPLA. [Fair Packaging & **Labeling Act,** food 062912
FPLA [Fair Packaging & **Labeling Act]** tod- 062913
FPLA [Fair Packaging & **Labeling Act]**--ex- 062915

After FPLA [Fair Packaging & **Labeling Act**] 062916
FPLA. [Fair Packaging & **Labeling Act**, food 063103
FPLA [Fair Packaging & **Labeling Act**]--ex- 063107
After FPLA [Fair Packaging & **Labeling Act**] 063109
FPLA [Fair Packaging & **Labeling Act**] tod- 063111
I. Hydrophobic nature & **affinity labeling** of 064317
of photosynthetic rate using **labelled carbon** 067430
of 14c[carbon]-**labelled chlorophenoxyacetic** 071753
Nutritional **labelling--current** status. 063084
Incorporation of **different labelled** precursors 067777
Can frozen food products be **labeled** as **fresh** 063027
filter kinds utility for **insulin labelled** 125I 065283
conditions prevailing in **labelled medium.** [E- 067580
Private **label milk** for chain stores continues 062642
Application of **labeling** on **milk** & dairy pro- 063070
Current status of **nutrition labeling.** 063164
Nutritional labelling--current status. 063084
Nutritional labeling: a nutritionist viewpoint 063105
Nutritional labeling: an industry viewpoint. 063108
Voluntary **nutritional labeling**--an industry v- 063165
Nutritional labeling: a nutritionist viewpoint 063245
national program. [Food, **packaging, labeling**] 062914
Labeling & packaging meat & poultry produ- 062918
national program. [Food, **packaging, labeling**] 063106
administration of 32P-**labelled phosphorus** c- 064590
Migration of **labelled phosphorus** between P- 068601
of different **labelled precursors** into chlorop- 067777
Private label milk for chain stores continues 062642
on lactating ruminants using **labelled urea.** 2 064632

LABIATAE

Galeobdolon, & Sideritis of **family Labiatae** 067000
of essential oil & eugenol by **Ocimum plant** 067687
importance of some **Teucrium species** of Ca- 066685

LABOR

Legislative outlook for **agricultural labor** in 062964
on classification of **labor** in **agriculture.** 062364
organization of **labor** in **agriculture.** 062469
perfecting organization of **labor** on **animal** f- 062361
facility investments & **labor economics.** 062536
to mechanical milking. 1. **Labor economy** p- 071671
norms for costs & overall **labor expenditures** 062514
Computing amount of **labor** for **farm** product- 062336
Farm labor problems not limited to grapes 071517
Determination of **labor force** requirements, 062397
Means of **increasing labor** productivity in p- 062373
Efficient organization of **labor** in **irrigated** f- 062382
of a seminar on **labour management,** August 062393
On reserves for growth of **labor productivity** 062372
for correlating indices of **labor productivity** 062398
Labor requirements for strawberry producti- 062351
Utilization of **labor resources** on collective f- 062374
of processing records of **labor & wages** as e- 062448

LABORATORIES

peperita (peppermint) seed in **laboratory.** 067428
moisture & chemical control in **laboratory.** 069301
for rearing of Phlebotomus in **laboratory.** 071009
damnosum Theobald in **laboratory.** 071072
brassicae) in nature & in **laboratory.** 071100
Swine specimen's for **laboratory analysis.** 065301
Ohio Plant **Analysis Laboratory.** [Foliar dia- 072166
of endocrine glands. [**Laboratory animals,** s- 064249
of benzatcin. [**Laboratory animals,** dogs, cats 065371
Effect of different **laboratory breeding** condi- 071076
Controlled laboratory tests on anthelmintic 065631
establishing a permanent **laboratory culture** 070861
rearing containers in **laboratory cultures** of 071002
evaluation of diagnostic **laboratory data.** 065458
chromatography in **laboratory diagnosis** of 071416
evaluation of **diagnostic laboratory** data. 065458
Type of grinding of **different laboratory** mills 063705
Effect of **different laboratory** breeding condi- 071076
Direct laboratory method for diagnosis of h- 068035
Laboratory evaluation of fungicides for cont- 069367
Laboratory evaluation of malathion & vapo- 070374
Laboratory evaluation of tick repellents. [O- 070614
Laboratory evaluations of some solanaceous 070465
Laboratory experiments of Cut bark" treat- 070233
Laboratory express method of studying bio- 071923
FPL Forest Products **Laboratory facility** for 066547
willow species & clones in **laboratory & field.** 069782
Some of **laboratory indices** for evaluation of 065176
levels & results of **laboratory insecticide** tes- 070404
Laboratory investigations about flight behav- 070767
Direct **laboratory method** for diagnosis of h- 068035
performance in **laboratory mice.** 064566
Residue tests in **mill laboratories.** [Grain pr- 063037
of pesticide residues in flour **mill laboratory** 063091
Residue tests in **mill laboratories.** [Grain pr- 070671
of pesticide residues in flour **mill laboratory** 070696
Type of grinding of different **laboratory mills.** 063705
Murine fascioliasis: **laboratory model** for de- 065532
for establishing a **permanent laboratory** cult- 070861
FPL Forest **Products Laboratory** facility for 066547
of Collembola for **laboratory purposes.** 070996
development under **laboratory rearing.** 070896
Jute technological **research laboratories.** 063369
Development & use of a **laboratory sausage** 063616
Laboratory screening trials for new prophyl- 066501
young adults: an **interlaboratory study.** 063250
blossfeldiana] seed during **laboratory testing** 067429
of wear tests with **laboratory tests** of exper- 063831
Controlled **laboratory tests** on anthelmintic 065631
Laboratory tests of electrorepellents for pro- 069750
efficacy of molluscicides in **laboratory tests.** 069809
of Lublin. [**Laboratory of Veterinary** Hygie- 065563

LABYRINTH

in chick embryo **membranous labyrinth.** 064487

LAC

Feeding Beagle puppies with **Welpi-lac.** 064751

LACTATES

NADH2 content & **lactate dehydrogenase** a- 063635
Properties of **lactate dehydrogenase** (LDH) 071070
Metabolism of [carbon 14]**lactate** by **rat** ki- 066050

LACTATION

Food utilization in **lactation.** [Dairy cows]. 064335
mammary tissue pieces during **lactogenesis** 064426
milking in goat during early & late **lactation** 064432
Physiological bases of **lactation.** 064550
Protein requirements of cows for **lactation.** 064694
Protein requirements of mares for **lactation** 064695
Energy requirements in **lactation.** 064697
Energy requirement of sows for **lactation.** 064698
Energy requirement of mares for **lactation.** 064699
Mineral requirement in **lactation.** 064700
Vitamin supply during **lactation.** 064701
of sows after four weeks of **lactation.** 065124
CB 154) on **lactation** in **bitch.** 064363
only protein supplement for **lactating cows** 064653
on productivity & health of **lactating cows.** 064747
Ketosis in pregnant sheep & **lactating cows:** 065912
digestible nutrients over **lactation cycle.** 064743
coastal bermudagrass hay for **lactating dairy** 064599
in circulation during **lactation** in **goats** & c- 064379
Hereford X Holstein non-**lactating heifers.** 064418
Studies on **lactating ruminants** using labelled 064632
Psychopharmaca **stimulates lactation.** 064524

LACTIC

Effect of selected **lactic acid** bacteria on gr- 063032
dipeptidase specificity of some **lactic acid** b- 063483
Regulation of **lactic acid** in cheese & starters 063485
Cheese Food related to growth of **lactic acid** 063525
peculiarities of certain strains of **lactic acid** 063565
Use of **lactic acid** malt in brewing. 3. Direct 063717
Rapid method for determining **lactic acid** in 063866
upon seasonal changes of **calcium-lactic**-solu- 072142
on functioning of kidneys & **lactic gland.** [G- 064508
moderate effort on levels of **lactic & pyruvic** 064244

LACTOBACILLUS

studies on **Lactobacillus isolates** from San F- 063692
fermented by **Lactobacillus plantarum.** 063123

LACTONES

Delta-**lactones** in **flavouring.** [Food]. 063350
Lactone from **Inula** germanica. 067518
novel antileukemic **ligman lactones** from St- 067409
of vermiculine, a new nine-**membered lactone** 067849
of ferulidin: a new **sesquiterpene lactone.** [F- 067498
A **sesquiterpene lactone** from Artemisia tran- 067519
Sesquiterpene lactones from Artemisia halo- 067520
new antileukemic **sesquiterpene lactones** fr- 067670
of alatolide, a **sesquiterpenic lactone** from J- 067542
of archangelolide, a **sesquiterpenic lactone** f- 067543
Steroidal lactones of Physalis ixocarpa leav- 067617
Lactones in **wines**--a review. 063873

LACTOSE

Determining fat, protein & **lactose content** of 063509
Effects of **lactose, ethanol** & cycloheximide 067665
Lactose malabsorption. 063257

LACTUCA

valuable nutrients in lettuce (**Lactuca sativa** 068293

LAELAPIDAE

Peters (Acarina: Mesostigmata: **Laelapidae**) 071325

LAGOONS

stable harvest in hay in **lagoon areas.** 068860

LAGS

of Fusarium solani: causes of **metabolic lag** 067421

LAMBING

serum in sheep of various **lambing dates.** 064527

LAMBS

Induced cryptorchidism in **lambs:** effects on 064289
lipase in relation to fatness in **lambs.** 064411
method on fattening performance of **lambs.** 064767
trees with ovine perinatal mortality. [**Lambs**] 065414
etiology of infectious pneumonia in **lambs.** 065678
Streptococcal arthritis in **lambs.** 065748
Necrobacterial arthritis in **lambs.** 065769
Hypocalcemia in **lambs.** 065963
on development of **lambs affected** with a su- 065739
of rearing methods of young **lambs, age** & b- 064525
fattening of **lambs** with an **anabolicum** with- 064857
of necrobacillosis of **lambs** with **antibiotics.** 065855
interaction in sheep. III. **Lamb carcass** traits 063614
fed high-concentrate diets. [**Cattle, lambs**]. 064740
outbred & topcrossed **Caucasian lambs.** 064911
Production feeding of **lambs** with **diets** based 064643
Pyrogenic response of **lambs & ewes.** 064537
for cost saving in **fattening lambs** [Equipme- 062508
with slotted flooring.i. **Fattening lambs** & y- 064238
for cost saving in **fattening lambs** [Equipme- 071556
Behavior of artificially **fed lambs.** 064274
of parents on weight of **lambs & fertility** of 064474
Frozen lamb: consumer product characterist- 062698
of preweaning & postweaning **lamb growth** t- 065010
invasion of **lambs** by **Haemonchus** cocortus 065691
Hapshire lambs: 30 kg at 90 days, 35 kg at 064127
Judging fur quality of **Karakul lambs.** 063584
makeup of black & gray **Karakul lambs** rela- 065150
to be hereditary in **Khuzistan lambs.** 064947
Effects of inbreeding on **pedigreed lambs.** 065201
analysis of preweaning & **postweaning lamb** 065010
of bottle-raised versus ewe-raised **lambs** from 064279
selenium levels in calves & **lambs raised** in 064346
of birth weight in **Rambouillet lambs** under 065006
Nutrition of artificially **reared lambs.** 3. effe- 064614
with different fat content in **lamb rearing.** 064754
of black & gray Karakul **lambs relative** to v- 065150
carcass composition of **lambs subjected** to di- 064614
concentrate rations on early **weaned lambs.** 064662
Effect of rearing methods of **young lambs,** a- 064525

LAMELLA

of forestomach or **omasal laminae.** 064430

LAMIINAE

Coleoptera, **Cerambycidae, Lamiinae**). [Pse- 071315

LAMINATION

Testing of **Cheesoflex laminating** film. [Pac- 063489
Tensile strength of **lumber laminated** from 066548

LAND

Proper use of our **land.** 062280
Rights-of-way for recreation. [**Land**]. 062282
Use of automation in reallocation of **land:** d- 062293
viticulture after reallocation of **land.** 062462
timber outside forest in reallocation of **land** 066231
forming regulations in reallocation of **land.** 066232
manure & manure sludge disposal on **land.** 072146
transformation of **agricultural lands.** [Land 062245
Trends in utilization of **agricultural land:** a 062292
Changes of **agricultural land** utilization in T- 062297
dry valleys of Victoria **Land, Antartica.** 066735
soil erosion control in broken **land area.** 072346
Barren lands yield bumper crops. [Saline so- 072280
possible soil erosion control in **broken land** 072346
Soil conservation. 2. **Land-capability** classifi- 072336
Structural **land changes** in agricultural prob- 062236
Living on **land** in **China** today. 062281
of forest & nonforest **land classes.** 062248
Land clearing with chains: Considerations on 072307
Does **land consolidation** have effect of dimin- 062239
Constructing land reclamation canals by exp- 071481
More effective **land cultivation** by larger plo- 072284
Economic aspects of sloping **land drainage.** 062537
efficiency of farming on **drained lands.** 062368
Reducing evapo-transpiration under **dry land** 071710
More **effective land** cultivation by larger plo- 072284
A **land enveloped** by alarm. [Environmental 072620
Land use & **environmental** quality--crisis & 062284
Landform examples form Nigeria. 5. 062276
of South African grass **land exosystems.** 068828
in improving tillage of fall **fallow land** plant- 072308
Sales of **farm land.** [Great Britian]. 062295
evapo-transpiration under dry **land farming.** 071710
Changes in **land** use on **farms** which grew s- 062294
lump sum timber selling on **federal lands** in 066273
of irrigation of pastures on **flood lands** of R- 072386
of cultured pastures on **flood-lands** in Ukrai- 072388
analysis on recreation space. [**Forest land**]. 066209
cons of land use taxation. [**Forest land**]. 066264
wants to get into act. [**Forests, land** prices] 066270
problems associated with **land forming** in C- 071812
to management of South African **grass land** 068828
Man & forest: **land improvement** aspects of 066225
Land improvement in Turkmenia. [Drainage 072376
Land improvement & operation of drainage 072380
growing areas as a factor of **intensive land** u- 062266
Effectiveness of developing **irrigated lands** on 062527
of grain production on **irrigated land** of Vol- 062528
forest shelterbelts on **irrigated lands.** 066103
yields of grain crops on **irrigated lands** of V- 068717
use of mineral fertilizers on **irrigated lands** 072070
in effective development of **irrigated lands** of 072401
cattle-raising frams on **irrigated lands** of mi- 062381
Effect of quality of **land** on **level** of develop- 062249
Land management & development in New 062296
Cost center approach to **land management.** 066189
Agrarian policy for **marginal lands.** 062271
Land market & economic development; a ca- 062300
agricultural management of **marsh lands** of 068994

On salted **land maturation** & alteration (yel- 063607
soil entomofauna of bordering **meadow land** 071000
economic contributions of **land melioration.** 062487
of aloe [krapohliana] from **Namaqua land.** 066721
interpretation of forest & **nonforest land** cla- 062248
root rots occurring on **nonirrigated lands** in 069409
of vegetable cultivation on **open land** in pro- 062543
from 1930--45 on state-**owned lands** in Pera 066327
Landed pastoral associations & groups. 062433
of young cattle in alpine **pasture lands.** 064258
An example of enhancement of **peat land:** 068994
Land-use planning: a tool in guiding commu- 062272
Legal aspects of **land-use planning** & control 062273
Place of recreation in **land** use **planning.** 062283
New approaches in **land** use **planning** for re- 062285
resultant consequences for **land-use planning** 072611
improving tillage of fall fallow **land planted** 072308
to pay for barley ground? [**Land prices**]. 062233
wants to get into act. [Forests, **land prices**] 066270
Proper land use. 062288
Land quality & providing of capital. 062250
Legal bases for use of newly **reclaimed lands** 066288
Constructing **land reclamation** canals by exp- 071481
development of **land reclamation** work in m- 072288
Land reform in Iran & its role in rural deve- 062263
Reflections on **land reform** in Ghana. 062264
Land Resources Divison of Overseas Develo- 062298
Reclamation of Solonets & **saline lands** in 072403
On **salted land** maturation & alteration (yel- 063607
of improving utilization of **sandy lands** of l- 072274
development of eroded **sloped land** on Red 072275
studies of water flow in **sloped land.** 072295
Economic aspects of **sloping land** drainage. 062537
of low-yielding pastures on **sloping land** of 068719
erosion-preventive measures on **sloping lands** 072297
Economic aspects of **sloping land** drainage. 072430
Irrigation on **steep land.** 072357
Structural land changes in agricultural prob- 062236
Pros & cons of **land** use **taxation.** [Forest la- 066264
surface run-off & soil erosion on **tea lands** d- 072253
with recultivation of **terrace land** of open-cut 071983
Land-use theory & spatial structure of ninet- 062289
Canada's **land transfer** plan. 062286
Land utilization for animal husbandry. 2. 062234
of agricultural lands. [**Land utilization**]. 062245
areas as a factor of intensive **land utilization** 062266
Changes of agricultural **land utilization** in T- 062297
through catchments under **varied land** use. 066883
Ross Island & dry valleys of **Victoria Land,** 066735
Future allocation of **land** & **water:** implicati- 062939
Barren **lands yield** bumper crops. [Saline so- 072280
Land-use zoning a necessity? Yes! Panacea? 062299

LANDLORDS

Tenant right: farmer **against landlord** in Vic- 062232
Landlord & **tenant** shares, 1971. [Statistics] 062798

LANDRACE

blood of Large White & **Landrace breeds.** 064909
breeds. [Large White, **Mirgorod, Landrace**] 065102
Large White, Mirgorod & **Landrace swine** b- 064506
mixed breed swine. [Large **White, Landrace**] 065100

LANDSCAPING

thoughts on houses & gardens. [**Landscaping** 069033
structural aesthetic-valuation of **landscapes.** 072494
Poplar culture as a part of **landscape care.** 069039
National **forest landscape** management. Vol- 066304
its synchronization with **landscape forming** 066232
Landscaping for **recreational** use. 072527
management on **landscape** of **RhineMain** ar- 066216
Cattle husbandry & **landscape tending** should 064159

LAODELPHAX

by small brown **planthopper Laodelphax** str- 069619
cinctiveps Uhler & **Laodelphax striatellus** F- 070332

LAPHYGMA

pea varieties to **Laphygma exigua** Hubner. 070454

LARCHES

Vertical structure of **larch-birch** stands of 065542
lesion extension in **larch canker** disease. [Tr- 069316
natural distribution area of **European larch,** 070564
production of plywood from **larch, grown** in 066453
Studies on Kraft pulps from **Japanese larch** 066510
of regional distribution of **pine, larch** & oak 066359
clear specimens of **plantationgrown larch** w- 066449
of mycorrhiza in nutrition of **larch seedlings** 068571
firs, Swiss pines, & **larches** & **significance** of 066402
form & height growth of **western larch.** [Ch- 070535

LARD

in nutrition of calves, by **lard** at **dissimilar** l- 064591
Lard in **production** of fryed paste products. 063597
magnesium methyl bromide. [**Lard, sunflower** 063410

LARIX

of plantationgrown larch woods. [**Larix**]. 066449
larch, grown in Shintoku, Hokkaido, [**Larix**] 066453
in nutrition of larch seedlings. [**Larix**]. 068571
Research on transplantation chock in **Larix:** 068606
Trichoscyphella willkommii, **Larix decidua**] 069316
area of European larch, **Larix decidua** Mill. 070564
harvest cutting in **Larix forests** of Soviet Far 066343
phloem in Pinaceae. [**Larix laricina,** Abies b- 066939
pulps from Japanese larch (**Larix leptolepis** 066510
motor-driven saw used in **obtaining Larix** se- 066352
occidentalis, **Larix occidentalis**]. 070535
composition of bark of **Larix sibirica.** 068527
Catechins of bark of **Larix sibirica.** 068530
of catechols in bark of **Larix sibirica** & fact- 068586

LARVAE

Dryops rudolfi sp.n. & its **larvae** (Coleoptera 071123
efficacy of some insecticides against its **larv-e** 070343
for epizooty in Diprion pini L. **Larvae.** [Pin- 070557
Virus-like formations in **larvae** of **Aedes** & 070960
detecting viral infection in **larvae** of **Aedes** 070964
Larva of **Agraylea** cognatella McLachlan (T- 071268
species of Lepidopterous **larvae attacking** st- 070575
biosynthesis in Sarcophaga **bullata larvae.** 070890
its effect on somatic toxocara **canis larvae** in 065599
of chlorphenamidine using **larvae** of **cattle** ti- 070597
Conditions under which **larvae** of **Colorado** 070433
Relationship of **larval density** to uric acid c- 070312
Oviposition & **larval development** of Hylem- 070476
acid in a semi-synthetic **larval diet** for mosq- 070940
differentiation in **larvae** of **Dytiscidae** (Cole- 070999
Mode of penetration of an **egg-larva** parasite 070846
egg laying, hatching of **larvae** & **emergence** 071100
Migration of black **fly larvae** (Simuliidae) d- 070948
of Simulium hargreavesi **Gibbins larvae** on 070939
infecting Trogoderma **glabrum larvae.** 070935
Growth & development of **larvae** of **granary** 070781
Larval growth & development of a hymenop- 070841
weight & water content in **hibernating larva** 070836
Galleria mellonella **larvae infected** by Tipula 070938
Comparative study of **infective larvae** of "di- 065405
Survival on herbage plots of **infective larvae** 065528
live weights of aquatic **insect larvae,** with a 070817
i. Host location by first-**instar larvae.** [Eisen- 070789
with a description of first-**instar larvae** & p- 071152
Larva of **Ixodes** cookei (Acarina: Ixodidae). 070780
of three species of **Lepidopterous larvae** att- 070575
Plant recognition by **lepidopterous larvae.** 071030
protein synthesis in **ligated larvae.** [Galleria 070892
tube & midgut of **machaerotid larvae** (homo- 070927
in Drosophila **melanogaster larvae.** 071014
gamma-irradiated Galleria **mellonella larvae** 070938
locomotory activity of **larvae Micropterna** t- 070765
Bacterial flora of **mosquito larvae** & its ent- 070631
Sterilization of surface of **mosquito larvae** in 070961
of North-European **myrmeleontid larvae** (N- 070835
Inhibition of development of **larvae** of **olive** 070432
of prelarva & **larva** of an **Opilioacaridae** fr- 070750
plutellae Kurdjumov, a **larval parasite** of di- 070427
Mode of penetration of an **egg-larva parasite** 070846
Larval period of Epitheca marginata Selys 071049
Production of **larvae** of **Phyllobius** piri L. C- 070834
excretion by **larvae** of **Pseudaletia** unipuncta 070795
Metabolic reserves of **larvae** & **pupae** of ang- 070884
study of green coloring in **larvae** & **pupae** of 071008
Larvae & **pupae** of robber flies from genus 071109
to Heterodera **rostochiensis larvae.** 069805
of Locusta migratoria L. I. **Larval stage.** 070857
ribonucleic acid in a semi-**synthetic larval** di- 070940
Ecology of xylobiont **Tipulidae larvae.** 070819
Morphology of **larvae** of some **xylobiont** sta- 071102

LARYNGOTRACHEITIS

Effecto of **laryngotracheitis virus** on cell cul- 065789

LARYNX

Thiamin & **equine laryngeal** hemiplegia. 065975
Laryngeal fistula in cattle. 066036

LASERS

produced by three **lasers** on two **Trogoderma** 070574
produced by three **lasers** on two **Trogoderma** 070788

LASIOCAMPIDAE

Butler (Lepidoptera: **Lasiocampidae**). 070541

LASIUS

in nests of **Lasius fuliginosus.** 071108

LASPEYRESIA

in Gdansk province. [**Laspeyresia nigricana**] 070479
radiosensitivity of **Laspeyresia pomonella** L. 071005

LATERAL

of asparagus through **lateral bud** culture. 069047
phosphorylase activity in **lateral direction** of 067403
dust accumulation on **lateral growth** of forest 066084
elastic bearing constant for **laterally laoded** 066550
on initiation & growth of **premature lateral** 067414
caused by various removal of **lateral shoots** 069195

LATEX

bacteriology of **latex** from **Asclepias** syriaca 067417
base compound agglomerates of **latex type.** 066524

LATHE

Lathe checks formation & their development 066565

LATHYRUS

causing wilt of khesari (**Lathyrus sativus**) in 069368

LAURACEAE

Some **Lauraceae** of **Pliocene** from Romania. 066638

LAWN

of red sorrel (Rumex acetosella) in **lawns.** 070219
Hydrocotyle sibthorpioides) in **lawns.** 070220
of poison ivy (Rhus radicans) in **lawns.** 070221
Marasmius [oreades] fairy rings: **lawn age** 069554
some species of Graminaceae & in **hill lawn** 068187
ornamental trees, shrubs, & **lawns** for **home** 070515

LAWS

Need to burn debris? Burn within **law.** 066367
For a prospective vision of **agricultural law** 062891
Pennsylvannia clean streams **law applies** to 072598
between politics & **law** in **example** of forest 066219
meat & poultry products--**federal laws** & reg- 062918
Libertization of **homestead law.** 2. 062993
Revision of **law** on **homologation** of pesticide 062866
Law of **reciprocal** connection & dependence 064583
Collision between **standardization laws** & fo- 062869

LAYERING

Layering. [Plant propagation]. 069042
dynamics of moisture in **active layer** of soils 071918
time & emulsifier on yellow **layer cakes** con- 063300
by plunger to wood particle **layer charged** in 066490
process by thin **layer chromatography:** chol- 063241
through thin **layer chromatography.** 063290
Thin-**layer chromatography** of beer phenolics 063314
anthocyanins by thin-**layer chromatography.** 067603
Thin **layer chromatography** of phenoxylkyla- 070703
products through thin **layer chromatography** 070743
phases of process of forming a **dividing layer** 067881
An **isolating layer** to control evaporation los- 072267
by plunger to wood **particle layer** charged in 066490
Differentiating **plowed layer** by fertility with 071924
Deepening **plowed layer** & biological activity 072322
On **multilayered soils** of different age in Ri- 071842
percolated soil in "two-**layered sucrose** solut- 071910
Follow--up of canning process by **thin layer** 063241
products of oxidation through **thin layer** chr- 063290
Thin-layer chromatography of beer phenolics 063314
Determination of anthocyanins by **thin-layer** 067603
Thin layer chromatography of phenoxylkyla- 070703
in food products through **thin layer** chromat- 070743
On theory of motion of **layer** with **vibrating** 071688
of mixing time & emulsifier on **yellow layer** 063300

LAYERS

SEE POULTRY

LAYING

eggs in first & second year of **laying.** 064403
upon its utilization during period of **laying.** 064593
Medieval **lay castrators** as predecessors of v- 065357
visible effect: Association with **egg laying,** e- 064944
in crosses of lines of hens of **egg-laying** type 065093
choosing a color for medium of **egg laying** of 071058
Diurnal rhythm of **egg laying,** hatching of la- 071100
Feeding laying hens cooked soybeans. 064642
On pattern of **laying** out **field** experiments 068804
How to **lay** a **floor** in greenhoyse & of what 071446
Diurnal rhythm of egg **laying, hatching** of la- 071100
Effect of restricted feeding on **laying hen.** 064610
control at hatching periods for **laying hen.** 064933
manure of liquid manure from **laying hens?** 064129
of Calcium in mixed feed for **laying hens,** u- 064593
acid content in egg yolk. [**Laying hens**]. 064624
Utilization of dietary energy in **laying hens** 064636
Feeding **laying hens** cooked soybeans. 064642
Can we economize on feed for **laying hens?** 064668
on problem of fatty liver in **laying hens.** II. 064907
necatrix in soil content of **laying hens.** 065658
external parasites on **laying hens** with durs- 070596
regard to ammonia in boxes of **laying hens** 071443
of manure from cages of **laying hens.** 071506
Artificial delay of onset of **lay** in **maturing** 064401
Medieval lay castrators as predecessors of v- 065357
embryonic mortality in first & **second laying** 065004
crosses of lines of hens of **egg-laying type.** 065093
mortality in first & second **laying years** of 065004

LAYOUTS

Meat **processing layout**--new construction & 063615

LEACHING

elements & nitrogen in **leached Chernozem** 071838
movement of moisture in **leached Chernozem** 071921
of winter wheat grain in **leached Chernozem** 072221
oxysporum f. melonis (**Leach & Currence**) S- 069537
Losses from Soil by **Leaching & Drainage.** 071810
Acidifying & **leaching effect** of forest trees 066162
Leaching of **heavy** textured saline soils on 071712
to prediction of **leaching** of **herbicides** in soi- 070104

Leaching nitrogen from forest soil. 071930
investigations on **nitrogen leaching** during 072231
Some results of **leaching saline** soils of Salsk 071883
Leaching of **saline** soils with different types 071884
from soil under grass. [**Soil leaching**]. 071802
adsorbed anion transport. [**Soils, leaching**]. 071868
Leaching of **solutes** & slouching of potato tu- 063874

LEAD

in treatment of cattle intoxicated with **lead** 066031
Lead & **cadmium** content of some canned fru- 063129
Chronic lead poisoning in horses. 066017
Environmental lead. 072506
Frost seeding may **lead** to **greater** yields. [C- 068681
of deformed shanks, prebored **lead holes,** & 066550
Fume damage to forests by **lead** & **steel** ind- 066149
Fuchsias on farm or one **thing leads** to anot- 069010
Effect of lime on **lead uptake** by five plant 069829
Detection of **lead** in **wines** with aid of Arsaz- 064025

LEAFHOPPERS

Sugarbeet **leafhopper-curley** top virus carrier 069702
Distribution of **Nephotettix leafhoppers** in 070316
of green rice **leafhopper Nephotettix** cinctice 070402
roll disease of potato. [**Leafhoppers, vectors**] 069609

LEAFSPOT

With better fungicides, **leafspot control** imp- 069461

LEAFWORMS

of two insecticides on "**cotton leafworm**" Al- 070389
fecundity of Egyptian **cotton leafworm** follo- 070411

LEAKAGE

Leakage from **corn** tissues induced by Helm- 069501

LEASING

Leasing also in **agriculture?** 062539
cured production under modified **lease-and-t-** 062402

LEATHER

Thermic stabilization of **leather** (effect of pe- 063651
of easy upkeep on properties of **leather.** 063652

LEAVES

features in Gibasis (tradescantia) **leaf.** 066947
cytoplasmic ribosomal RNA from **leaves.** [C- 067439
affecting manganese content of new **leaves.** 2 069831
Histochemical patterns in **leaf abscission.** 067829
light by maize & wheat **leaves adjusted** for 067965
Sources of **adult leaf** rust resistance in Triic- 069372
Testing antibiotics **against leaf** spot disease 069412
of forest tree. I. Relation between **leaf age** 068553
Leaf age & air pollutant susceptibility: upta- 069781
inhibition of photosynthesis in **alfalfa leaves** 067972
composition of tobacco **leaves altered** by ne- 068111
evolution of Euphorbia **amygdaloides leaves** 066928
in various ecosystems. I. **Leaf anatomical** re- 066916
of sugar beet canopy. I. Leaf area-**leaf angle** 068094
Effects of infestations by corn **leaf aphid,** R- 070315
movement of fungicides. [**Apple leaves**]. 069478
Response of detached **apple leaves** to Ventu- 069503
Suppression of symptoms of **apple leaf** puck- 069616
effects on symptom expression of **apple leaf** 069881
Apricot leaf curl caused by Taphrina defor- 069526
Diallel analysis of **leaf area** heterosis & rela- 067104
of sugar beet canopy. I. Leaf **area**-leaf angle 068094
Note on measurement of **leaf area** of tomato 069639
of sugar beet canopy. I. **Leaf area**-leaf angle 068094
Bacterial leaf spot disease on Amorphophal- 069584
on mode of prevalence of rice **bacterial leaf** 069588
of insecticide deposits on **leaf** & **bark** sampl- 070662
of nitrate reductase in **leaves** of **barley** in da- 068076
of Rhynchosporium secalis (**Barley leaf** blot- 069261
on nutrient levels in **Bartlett leaves,** on tree 068249
Relationship between age of **bean leaves,** so- 067918
metabolism of c14-assimilates in **bean leaves** 068346
metabolsim in greening **bean leaves.** 068391
potassium absorption by **bean-leaf** slices co- 068432
mesophyll conductances of **bean leaves.** 068427
photosynthesis intensity in sugar **beet leaves** 067982
equipment & ensilaging of sugar **beet leaves** 068664
Beet leaf miner--a potential problem for sug- 070395
exchange of carbon dioxide in **leaves** of **beet** 067997
North American Chrysomeline **leaf beetles** 071224
Morphology & anatomy of **leaves** of **Bersama** 066948
Does tartric acid content of **leaf blades** of V- 067392
according to growth of various **leaf blades** in 067950
of prevalence of rice bacterial **leaf blight.** I. 069588
Rhynchosporium secalis (Barley **leaf blotch**) 069261
of early-spring ephemeroids of **broad-leaved** 066905
Contorl of annual grasses & **broad-leaved** w- 069958
Control of annual **broad-leaves** weeds in win- 069993
Research concerning **leaf brown** spot of qui- 069388
Studies on **leaf burn** of pear trees. IV. Micr- 069826
State of plastid pigments in **carrot leaves** in 068218
of membrane transport ability in **leaf cells** 068442
knowledge of transmissibility of **cherry leaf-** 069722
of North American **Chrysomeline leaf** beetles 071224
Citrus leaf pieces as traps for Phytophthora 069485
control of Botrytis & **Cladosporium leaf** mo- 069458
Coffee leaf rust in Brazil. [Hemileia vastatr- 069322
Colonisation of Phragmites **communis leaves** 069438
Research **concerning leaf** brown spot of qui- 069388
Corn leaf diseases in Wisconsin. [Fungal dis- 069229
Effects of infestations by **corn leaf** aphid, R- 070315
of routine soil tests in predicting **corn leaf** z- 072011
Corynespora leaf spot, a new disease of tob- 069529
on organic acid content in **cotton leaves** wh- 067973
layer in explants of **cotyledonous leaves** of 067881
mode of transmission of **leaf crinkle** virus of 069643
Apricot **leaf curl** caused by Taphrina defor- 069526
Control methods of **leaf-curl** of peach trees, 069561
Investigation on pelargonium **leaf curl** virus 069721
of steroid glycoalkaloids in **detached leaves** 063997
metabolite levels in **detached leaf.** 068116
on senescence in **detached leaves** of Hibiscus 068289
imported 14C [carbon] in **developing leaves** 068582
studies of proteins of **leaves** of **different** cott- 068201
Change of **leaf dimensions** & air volume with 068119
p [phosphorus] incorporation into **leaf disc** 068115
Shredded-**leaf disease** of papaya tree. [Virus 069678
insect vector of sugarcane white **leaf disease** 069705
Spreading of narrow **leaf disease** virus (Pha- 069735
insect vector of sugarcane white **leaf disease** 070401
Corn **leaf diseases** in Wisconsin. [Fungal dis- 069229
Websorms--high powered **leaf eaters.** [Sugar- 070390
Glycosides of **leaves** of **Eleutherococcus** sent- 067525
of organic acids of **leaves** of **endives.** 068500
Zinc absorption by **excised leaf** tissue of cof- 067826
Metabolism of monuron in **excised leaves** of 070230
nitrogen metabolism in **expanding leaves.** [068454
of furocoumarins in **leaves** of **Ficus** carica L. 068255
acid syntheses & mitosis in **first leaf** merist- 068061
spring ephemeroids of broad-**leaved forest.** 066905
of Polytrichum **formosum leafy** gametophyte 066924
Amount of ascorbic acid in **leaves** of **fruit** tr- 068378
Polytrichum formosum **leafy gametophyte** 066924
Xanthone research in **leaves** of **Gentiana** ba- 067541
replacements in control of **leaf-gnawing** pests 070544
utilisation of sunflecks by **grapevine leaves.** 068428
Formic acid as a desiccant for **grass leaves.** 064065
of relationship between **grass leaves** & stems 068010
report on development of a **greenhouse leaf** 071647
Anatomical structure of young **growth leaves** 066996
Importance of **leaf hairs** in transmission of 069713
on resistance of green rice **leaf-hopper** to in- 070399
vapor transfer coefficient on **horizontal leaf-** 067625
Effect of hormonally **induced leaf** senescence 069671
synthesized in tobacco **leaves infected** with 069717
of sap from tobacco **leaves infected** by potato 069725
activity of Clerodendon **infortunatum leaves.** 065254
of inorganic elements in **inoculated leaves** of 069608
Hydrolysis of **intact leaf** starch grains by gl- 067596
of green buds in gramma-**irradiated leaf** & s- 066936
different forms of iron in **leaves** & **isolated** 068328
lactones of Physalis **ixocarpa leaves.** 067617
on development of a greenhouse **leaf lettuce** 071647
Utilization of **leaf litter** by stream detritivo- 070816
Acari) from beech-woodland **leaf litter.** 070990
flora & rate of decomposition of **leaf litter** at 071760
activity in Citurs **madurensis leaves.** 067569
polar caryopses & **maize leaves.** 067992
On ability of proteins from **maize leaves** to 068004
normal & carotenoid mutant **maize leaves.** 068097
stages of greening of etiolated **maize leaves** 068110
syntheses & mitosis in first **leaf meristem** of 068061
Beet **leaf miner**--a potential problem for sug- 070395
Life history & habits of a **leaf miner,** Camer- 070779
Fighting raspberry **leaf mites** (Eriophyes gr- 070440
control of Botrytis & Cladosporium **leaf mo-d.** 069458
device for recording **leaf movements.** [Adsuki 068459
seedlings sporogone & callus of **leafy musci** 067436
Spreading of **narrow leaf** disease virus (Pha- 069735
in discs cut out from **leaves** of **Nicotiana** ta- 069730
Relation between growth & **leaf nitrogen** co- 067936
Variation in **leaf-nitrogen** concentration in 067937
inhibition caused by **noninduced leaves.** 068452
on floral initiation & **leaf number** in sorghum 067967
Relation between **leaf numbers** on fruiting b- 068216
on tree growth, yield & **leaf-nutrient** compos- 068974
Soil & **leaf nutrient** surveys for discriminato- 072178
Effect of rust infection of **oat leaves** on cyto- 069476
of nonacosane ib Brassica **oleracea leaves.** 068317
ozone as related to several **leaf parameters.** 069779
Euphorbia amygdaloides **leaves parasitised** 066928
Diseases of food legumes caused by **pea leaf** 069623
Investigation on **pelargonium leaf** curl virus 069721
Citrus **leaf pieces** as traps for Phytophthora 069485
Studies on susceptibility to **poplar leaf** rust 069396
Infection of **potato leaves** by Phytophthora 069330
Websorms--high **powered leaf** eaters. [Sugar- 070390
Preservation & storage of **leaf protein** prepa- 063760
of symptoms of apple **leaf pucker** disease in 069616
on symptom expression of apple **leaf pucker** 069881
Fighting **raspberry leaf** mites (Eriophyes gr- 070440
photoelectric device for **recording leaf** mov- 068459
structure of young growth **leaves related** to l- 066996
Isolation of chloroplasts from **rice leaves** us- 068155
Investigation on resistance of **green rice leaf** 070399
after decapitation of first **right leaf** of red c- 067388
of food legumes caused by pea **leaf roll** virus 069623
of transmissibility of cherry **leaf-roll** virus by 069722
Identification of caterpillars of **leaf rollers** of 070271
Increased occurence of **leaf rolling** insects on 070490
shading treatment on growth of **leaf & root,** 067952
Leaf rust of wheat in Canada in 1972. [Pucc- 069288
Coffee **leaf rust** in Brazil. [Hemileia vastatr- 069322
Sources of adult **leaf rust** resistance in Triic- 069372
Studies on susceptibility to poplar **leaf rust** 069396
chlorophyll retention of **leaf segments** accor- 067950
Retardation of **leaf senescence** in maize by 067917
Relations between **leaf senescence** index & 067941
Factors concerned in **leaf senescence.** I. Eff- 068289
Effect of hormonally induced **leaf senescence** 069671
soybeans to ozone as related to **several leaf** 069779
coefficient on horizontal **leaf-shaped** plane s- 067625
Variations in some **leaf sheath** characters in 070350
Shredded-leaf disease of papaya tree. [Virus 069678
potassium absorption by bean-**leaf slices** co- 068432
between age of bean **leaves, sodium** export, 067918
diffusion pressure deficit] of **leaves** & **soil** m- 067397
surfactants by **soybean leaf** tissues. 067923
in alfalfa leaves as related to **specific leaf** w- 067972
dehydrogenase in **spinach leaves.** 068257
phosphatidyl choline in **spinach leaves.** 068353
Cav.) Wilt. Causal organism of **leaf spot** of 066908
A new **leaf-spot** disease of Commelina. [Dre- 069307
Resistance to "tikka" **leaf-spot** in groundnut 069351
Alternaria [tenuissima] **leaf spot** of taro fr- 069375
A new **leaf spot** disease of Cyamopsis tetrag- 069379
Testing antibiotics against **leaf spot** disease 069412
Corynespora **leaf spot,** a new disease of tob- 069529
Cav.) Wilt. Causal organism of **leaf spot** of 069578
Bacterial **leaf spot** disease on Amorphophal- 069584
of acid phosphatase from **leaves** of **spring** & 067859
Hydrolysis of intact **leaf starch** grains by gl- 067596
Benomyl promising chemical for **leaf & stem** 069518
Boron levels in **stems, leaves,** & flower parts 068367
isolated from **leaves** of **Stramonium** plants a- 069660
Prolonged afterglow of **strawberry leaves** du- 068340
Leaf structure of Ziziphora clinopodioides 067053
respiration of **leaves** of **sugar** beet. 068113
a potential problem for **sugarbeet leaves.** 070395
grape root stocks in relation to **leaf surface** 068405
Leaf surface factors. [Herbicides, application 070019
E. Henn. in infection drops on **leaf surfaces** 069414
yield & productivity of work of **leaf system.** 068505
brief freeze treatment on **leaves systemically** 069680
tyrosine tydroxylation in **tea leaves.** 063339
of symptoms of potato virus y in **leaf tests.** 069732
Leaf-tip die-back of Cattleya: what's real ca- 069755
Zinc absorption by excised **leaf tissue** of cof- 067826
sodium export, & permeability of **leaf tissue.** 067918
Stomatal behavior of **tobacco leaves** of diffe- 067940
Chemical composition of **tobacco leaves** alte- 068111
Metabolic regulation in senescing **tobacco l-af.** 068115
Metabolic regulation in senescing **tobacco l-af.** 068116
reproduction in X-irradiation **tobacco leaves** 069697
Proteins synthesized in **tobacco leaves** infec- 069717
properties of sap from **tobacco leaves** infect- 069725
nitrogen metabolism of apple **tree leaves** in 068383
according to growth of **various leaf** blades in 067950
plant virus by lesions on **leaves** & on **vector** 069711
Cu [copper] in tropical **leaf vegetables** grown 068313
development of sieve areas in **leaf veins** of 067024
net carbon dioxide assimilation & **leaf water** 068431
of annual grasses & broad-**leaved weeds** in s- 069958
Control of annual broad-**leaves weeds** in win- 069993
leaves as related to specific **leaf weight.** 067972
dioxide] & light by maize & **wheat leaves** ad- 067965
Fine structure of green & **white leaves** of P- 067022
an insect vector of sugarcane **white leaf** dise- 069705
on contents of nicotine in **whole leaves.** 067547
soil tests in predicting corn **leaf zinc.** 072011

LECITHIN

in lipid composition & **lecithin-cholesterol-a-** 064453
Digestibility of **soy lecithin** in combination 064768

LECTOTYPES

with designation of **lectotypes** in **Cuterebra.** 070904

LECYTHIDACEAE

of Couroupita guianensis (**Lecythidaceae**). 066930

LEEKS

Annotated bibliography on storage of **leeks,** 063888
on growth, bulb formation & bolting in **leeks** 068415
with methazole on onions & **leeks.** 070054
Chemical weed control in onions & **leeks.** 070124

LEGAL

Legal aspects of land-use planning & control 062273
Legal bases for use of newly reclaimed lands 066288
Legal norms & enumeration in liquid medium 063174
Legally protected areas of cracow province 072503
Legal regulation of work accidents in agricu- 062890
Legal stipulatins concerning fruit packaging 062887

LEGISLATION

healthy frame as rural workers? [**Legislation** 062996
Prospects for **legislation** to **advance** collecti- 062877
New & impending **legislation affecting** dairy 063002
a need for textile **flammability legislation.** 062865
Food legislation today. 062868

standardization laws & **food legislation.** 062869
difference does it make? [**Food legislation,** 063083
State of Austrian **forest legislation** renewal. 066180
law in example of **forest legislation.** [West 066219
does it make? [Food **legislation, Great** Brita- 063083
Federally united **house legislation** from vete- 062986
New & **impending legislation** affecting dairy 063002
Fund for Aged after **latest legislation.** 062156
Brucellosis: New **legislative orderings.** [Catt- 062991
Legislative outlook for agricultural labor in 062964
E.E.C. [Great Britain, **Pesticides, legislation** 070676
within drug & **pharmacy legislation.** 065305
between technology & **legislation relating** to 063094
State of Austrian forest **legislation renewal.** 066180
An update on product **safety legislation.** [F- 062917
wilderness through **state legislation.** 062908
wilderness through **state legislation** as a legi- 062909
wilderness through **state legislation.** 072537
wilderness through **state legislation** as a legi- 072538
Food **legislation today.** 062868

LEGS
in pigs according to bacon thickness in **leg.** 064266
prophylactic treatment of **black leg** of cattle 065854

LEGUMES
Pulses & protein malnutrition. [**Legumes**]. 063220
iron porteins from nodules of **legumes.** 067842
of molybdenum fertilizers on **annual legume** 071984
problems in beet, potato, & **arable legumes.** 070011
Diseases of food **legumes caused** by pea leaf 069623
agricultural crops. III. Root **crops, legumes** 068136
with high saturation of **legume crops.** 068866
Breeding primary **leguminous grass** crops. [067306
Leguminous grass seed production. [Czechos- 068764
Compressive wafering of **leguminous hay.** II. 071683
Leguminous plants as hosts of Helminthosp- 069457
a nitrogenase component in **leguminous root** 067325
several species of grasses & **legumes** to **soil** 067926
nodulation of tropical & **subtropical legumes** 071744
composition of certain **winter legumes** & cer- 068815

LEGUMINOSAE
in genus Lupinus (**Leguminosae**). [Evolution, 066633
of species of Trifolium sect. **Trifolium** (Leg- 066661
Meroterpenoids. I. **Psoralea corylifolia** Linn 067854
RNA from leaves. [**Canavalia ensiformis,** to- 067439
strains on **Leucaena leucocephala.** 071744
acid from roots of **Glycyrrhiza macedonica.** 067530
psoralene & angelicin from **Psoralea plicata** 067746
Effects of red clover (**Trifolium pratense** var 064727
right leaf of red clover (**Trifolium pratense** 067388
identity in white clover (**Trifolium repens** L. 067901
feeding & cyanogenesis in **Trifolium repens** 068015
Hybrids in Hiantia Bobr. **section Trifolium** 067147

LEISHMANIASIS
of foci of **visceral leishmaniasis** in Armenian 065555

LEMNACEAE
Studies on flowering mechanism in **Lemna.** I 067757
Studies on flowering mechanism in **Lemna.** 067758
of ribosomal protein in **Lemna minor.** 067769

LENACIL
Lenacil as a **herbicide** in amenity horticultu- 069978

LENDING
farmers & special animal **husbandry loans.** 062557

LENSES
of ribosomal RNA during **chicken lens** deve- 064324

LENTILS
geotropism & auxin transport. [**Corn, lentils** 068149

LEPIDIUM
in roots of cress (**Lepidium sativum**). 067020

LEPIDOPTERA
spotted bollworm, Earias fabia (**Lepidoptera** 070321
control of Adoxophyes orana (**Lepidoptera:** 070466
control of Adoxophyes orana (**Lepidoptera:** 070467
Choristoneura fumiferana (**Lepidoptera:** Tor- 070530
Aceriella (**Lepidoptera:** Olethreutidae), in 070531
Dendrolimus spectabilis Butler (**Lepidoptera** 070541
Studies on Nepticulidae (**Lepidoptera**). V. E- 070550
cautella (Walker) (Phycitidae: **Lepidoptera**) 070580
on bur oak in Manitoba (**Lepidoptera:** Graci- 070779
races of codling moth (**Lepidoptera:** Olethre- 070784
sided cutworm, Euxoa messoria (**Lepidoptera:** 070787
of Pseudaletia unipuncta (**Lepidoptera:** Noc- 070793
of Pseudaletia unipuncta (**Lepidoptera:** Noc- 070795
of Ephestia kuehniella (**Lepidoptera**) & deri- 070798
molting in Automeris 10 (**Lepidoptera:** Satu- 070829
moth Argema kuhnei Pinhey (**Lepidoptera:** 070831
distribution of gypsy moth (**Lepidoptera:** B- 070844
host, Anagasta kuehniella Zell (**Lepidoptera** 070846
disks of three species of **Lepidoptera:** effects 070929
in two species of Chesias (**Lepidoptera:** Ge- 070944
Dendrolimus spectabilis Butler (**Lepidoptera** 070945
Papilio polyxenes asterius Stoll (**Lepidoptera:** 070969
genus Nomophila Hubner (**Lepidoptera:** Py- 071149
Rheumaptera of North America (**Lepidoptera:** 071153
delcarata series of genus Euxoa (**Lepidoptera:** 071156
June-July 1971, with notes on **Lepidoptera** 071179
southern African Rhopalocera (**Lepidoptera**) 071181
of family Coleophoridae. VIII. (**Lepidoptera** 071187
Studies on Nepticulidae (**Lepidoptera**). V. E- 071300
Momphidae s.l. (**Lepidoptera**) collected in J- 071304
Poland & interesting species of **Lepidoptera.** 071306
United States National museum (**Lepidopte-a:** 071339
of some genera of Pieridae (**Lepidoptera**). 071364
July 1972. [**Lepidoptera, collecting**]. 071173
Strand (**Lepidoptera Crambidae**) & Sesamia 070387
Scrobipalpa Janse (**Lepidoptera, Gelechiidae**) 071124
in Germany (**Lepidoptera, Geometridae**). 071188
of three species of **Lepidopterous larvae** att- 070575
Plant recognition by **lepidopterous larvae.** 071030
Deschka, 1969 (**Lepidoptera, Lithocolletidae**) 071229
Wslm. (**Lepidoptera, Nepticulidae**) ;study of 070967
calamists Hmps. (**Lepidoptera, Noctuidae**) 070387
from Rhodesia **Lepidoptera, Noctuidae,** Am- 071133
Cucullia lychnitis (**Lepidoptera, Noctuidae**). 071189
migration (**Lepidoptera, Notodontidae**). 070828
Hubner (1819) (**Lepidoptera, Nymphalidae**) 071213
cautella (Walker) (**Lepidoptera, Phycitidae**) 070977
Heylaerts 1881) (**Lepidoptera, Psychidae**). 071215
monilifera & astrella (**Lepidoptera, Psychid-e**) 071247
kuhniella Z. [**Lepidoptera Pyralidae**] as food 070849
pinheyi] from **Rhodesia Lepidoptera,** Noctu- 071133
galathea L. (**Lepidoptera, Satyridae**). 070970
oedippus F. (**Lepidoptera, Satyridae**). 071236
in Judicar Alps (**Lepidoptera, Satyridae**). 071242
Sax.) in Denmark (**Lepidoptera, Torticidae**) 070836
Adoxophyes orana (**Lepidoptera, Tortricidae** 070268
pomonella L. (**Lepidoptera, Tortricidae**). 071005
L. (**Lepidoptera, Yponomeutidae**) in summer 070267
in Alp region (**Lepidoptera, Zyganeidae**). 071245

LEPISMATIDAE
how to control them. [**Lepisma saccharina,** 070589

LEPTINOTARSA
larvae of Colorado **beetle, Leptinotarsa** dec- 070433
compounds. [**Leptinotarsa decemlineata,** Mu- 063175
colorado beetle (**Leptinotarsa decemlineata** 070256
compounds. [**Leptinotarsa decemlineata,** Mu- 070290
Leptinotarsa decemlineata, control]. 070461
bettle control. [**Leptinotarsa decemlineata**]. 070484
Colorado beetle, **Leptinotarsa decemlineata** 070843

LEPTOSPHAERIA
SEE SPHAERIACEAE

LEPTOSPIRA
Identification of **Leptospira antibodies** in fr- 063580
Cytopathic effects of **Leptospira serotypes** p- 065389

LEPTOSPIROSIS
On **leptospirosis.** [Livestock]. 065477
of epizootiology & diagnosis of **leptospirosis** 065790
On immunizing subinfection of **leptospirosis** 065806
in pigs vaccintaed **against leptospirosis.** 065742
prophylaxis **against leptospirosis** in Tselinog- 065791
On **eradicating leptospirosis** from farms. 065792

LEPTOTHORAX
Leptothorax arcanus n. sp.(?)--a new & mys- 071338
pacis Kutter & **Leptothorax kutteri** Buschin- 071086

LESIONS
with X-ray-induced **achromatic lesions** (gaps 067310
Pathology of skin **lesions associated** with M- 065538
Effect of **lesions** of **dorsal** part of hippocam- 064248
mycelial establishment & **lesion extension** in 069316
assays of a plant virus by **lesions** on **leaves** 069711
associated with lung **mite lesions** in a rhesus 070623
on numbers of root-**lesion nematode** Pratyle- 069768
Multiplication of root **lesion nematode** Prat- 069769
condition in chicks. III. **Pathologic lesions** 065496
Lesions visualized by a brief freeze treatme- 069680

LESPEDEZA
Flavonoids of **Lespedeza bicolor.** 067515

LETHAL
melanogaster germ cells. I. **Dominant lethal** 070869
Lethal & **sublethal effects** produced by three 070574
Lethal & **sublethal effects** produced by three 070788
of antibodies to chick **embryo lethal** orpan v- 065520
frequency of occurence of **lethal mutations** in 071064
of cattle exposed to **lethal** gamma **radiation** 065611

LETHRINIDAE
function of insect muscle. [**Lethocerus**]. 070802
of insect flight muscle. [**Lethocerus maximus**] 070805

LETTUCE
Annotated bibliography on storage of **lettuce** 063889
aflatoxin on germination & growth of **lettuce** 068256
on dynamics of valuable nutrients in **lettuce** 068293
salad treated with two compounds. [**Lettuce**] 070700
not limited to grapes & **lettuce**--your **fields** 071517
Manganese toxicity in **greenhouse lettuce.** 069865
of a greenhouse leaf **lettuce harvester.** 071647
Tipburn of **lettuce** & means of **preventing** di- 069888
Stimulation of **lettuce seed** germination at h- 068252
Lettuce seed germination: reversal of salinity 068316
Semasia conterminana H. S. on **lettuce seed** 070482
of some glasshouse crops. [**Lettuce, tomatoes,** 068462
weed species in **transplanted lettuce.** 070056
aphid-transmitted viruses. [**Lettuce, turnips,** 069611

LEUCAENA
SEE LEGUMINOSAE

LEUCANIA
to uric acid content in **armyworm, Leucania** 070312

LEUCINE
Leucine aminopeptidase polymorphism in g- 066633
Leucine-isoleucine interrelationship in young 064733

LEUCOANTHOCYANINS
Leucoanthocyanins of **grape** & wine. 063998

LEUCONOSTOC
in feedstuffs. [**Leuconostoc mesenteroides**]. 064634

LEUCOPTERA
Leucoptera (Cemiostoma) spartifoliella subs- 071239

LEUCOTHOE
Growth & development of **Leucothoe** [cates- 068369
B & D, diterpenoids of **Leucothoe grayana.** 067853

LEUKEMIA
Necropsic examination of **leukemic bovines** 065911
Further studies on **leukemia** in **cattle.** 065367
Evaluation of "**leukemic keys**" in case of no- 065272
in lymphocytes of **lymphatic-leukemia** suspe- 065359
activity in canine **myelogenous leukemia.** [065906
Occurrence of **leukemia & tuberculosis** in ca- 065574
Incidence of **leukemia & tumors** in cattle as 065366

LEUKOCYTES
on phagocytic activity of **leukocytes** in **baby** 064504
Methods for **leukocyte cultivation** of full bo- 065036
Changes in **leucocyte distribution** associated 064570
granules of intestinal **globule leucocytes** of 064255
properties of **polymorphonuclear leukocytes** 065440
*** 065442

LEUKOSIS
changes in blood of cattle with **leukosis.** 065793
damaged organs of cattle with **leukosis.** 065873
Causes & control of **bovine leukosis.** 065229
Importance of **cattle leucosis** for veterinary 063208
hematological diagnosis of **leucosis** in **cattle** 065974
New data on **leukosis complex** in cattle & its 065485

LIBELLULIDAE
Orthetrum triangulare melania. (**Libellulidae**) 071047

LIBRARIES
Starting an **orchid library.** 066573

LICHENS
Investigations on growth rate of **lichens.** III 067686
Uptake of metal ions by **lichens:** a modified 067731
versicoloris, a new **lichen association** with h- 066886
Successions of **epiphytic lichens** in pine fore- 066866
Foliicolous bryophytes & **lichens** of **Thuja** pl- 066655

LIFETIME
congenitus. I. Observations during **lifetime.** 065953

LIGASES
a partially purified p-coumarate: **CoA ligase** 067912

LIGATION
protein synthesis in **ligated larvae.** [Galleria 070892

LIGHT
Why not plant for **moonlight?** [Fragrant pl- 069108
induction phenomena & **light activation** of r- 067725
Cultivation of plants under **artificial light.** 2 068215
Aftereffect of red & **blue light** on activity of 067998
Effect of **blue light** on activity of carboxylat- 068095
Aftereffect of red & **blue light** on activity of 068345
Effect of **blue light** on activity of carboxylat- 068430
varieties when irrigated in **light chestnut** soi- 068711
of degrees of crumbling of **light Chestnut** soi- 071795
of variable temperature-**light conditions** on 068072
Lighting control at hatching periods for lay- 064933
Influence of **light & darkness** on induction 070769
science in Kazakhstan in **light** of **decrees** of 063018
dioxide concentration with **different light** in- 067982
related to temperature & **light distribution** 067483
Grin. II. Model of **light extinction** in stand 067751
spectral composition of **light & gibberellin** 068151
of spring & winter wheats in **light gray** fore- 068026
Role of **light & growth** regulators in opening 067766
Incident **light immunofluorescence** of alchol- 065449
Light-induced changes in fluorescence yield 067448

Light induced protochloropgyll--chlorophyll 068104
Light-induced changes in pattern of protein 068110
rate of photohynthesis in **light induced** mut- 068261
with different **light intensities.** 067982
growth leaves related to **light intensity.** [Fo- 066996
Effect of **light intensity** on tumorigenesis in 067482
growth leaves related to **light intensity.** [Fo- 068561
Light intensity & temperatures as factors c- 069732
Different sensitiveness of **light intensity** sta- 071409
to C02 [carbon dioxide] & **light** by **maize** & 067965
to bovine neurophysin. I. **Light microscopic** 064352
electron & ordinary **light microscopy.** 063443
diffusive reflection of **light** by **needles** of con- 068537
Light-optical & electron microscopic study of 067055
by both scanning electron & **ordinary light** 063443
Effect of **light, pH** [hydrogen-ion concentra- 063625
supplies of nitrogen in bog-**podzolic, light** lo- 071944
term irradiation by far-red & **red light.** 067872
Effect of blue & **red light** on photophosphor- 068344
of cucumber seedlings in blue & **red lights.** 068395
of prolamellar bodies in **red light** without a- 068547
Effects of four **lighting regimes** on performa- 064121
on crop yields in crop **rotated light** soils. 068910
Effect of temperature & **light** on seed germi- 067728
Light sensitiveness of Kalanchoe [blossfeldi- 067429
on some physical properties of **light soil.** 068891
on chemical properties of **light soil.** 068892
crop yields & some properties of **light soil.** 068905
of European yellow lupine seeds on **light soil.** 068898
four-crop rotation on slopes with **light soils** 068887
in a crop rotating unit on **light soils.** 068888
in monoculture on properties of **light soils.** 068889
monoculture on fertility of **light soils.** 068890
profitable grain cultivation in **light soils** in 068893
crops on some properties of **light soils** & yie- 068895
of nutritional substances in **light soils.** 068899
cultivated plants growing on **light soils** under 068909
on crop yields in crop rotated **light soils.** 068910
of cyanazine as a herbicide on **light soils** at 069970
under various crop rotation on **light soils.** 070237
of nutritional substances in **light soils.** 071962
potassium oxide & magnesium in **light soils** 072240
mortality of aging dogs in **light** of **statistics** 065261
to artificial & **supplementary light** (excluding 068310
II. Influence of **light & temperature** during 068049
Effect of variable **temperature-light** conditio- 068072
shoot apex culture. II. **Light & temperature** 068942
test on test sample of **light textured** soil co- 071961
Use of **light traps** in control of insect pests. 070269
on slopes with light soils (in **light** of **twelve** 068887
near-ultraviolet & intensity of **visible light.** 068111
of spectral components from **white light** on 067951

LIGNAN
Arboreol, a new **lignan** from **Gmelina** arbor- 068543

LIGNINS
Lignin. XVI. Synthesis, nuclear magnetic re- 066500
An improved procedure to **analyze lignin** by 066406
Determination of **lignin & cellulose** in forag- 064067
of composting of fly ash & **ligneous matter** 072186
Degradation of **lignin** with **metallic** sodium 066491
Hydrocracking of lignin tar & **lignin model** 066517
Effect of **lignin** on in **vitro** digestibility of w- 064738

LIGNITES
of terrace land of open-**cut lignite** mine. 071983

LIGULES
L.) XI. Inheritance of **liguleless condition.** 067358

LIGUSTRUM
SEE OLEACEAE

LILIACEAE
Studies on South African **bulbous Liliaceae:** 066722
compounds of **Veratrum californicum** (Dura- 066044
in native ester alkaloids of **genus Veratrum.** 067502
decade of **Hemerocallis washingtonia** Jan. 1, 069118

LILIES
Aquatic phycomycetes of **Lily Lake,** Utah. 066679
On [Lilium] **pumilum lily.** 066742

LILIUM
On **[Lilium]** pumilum lily. 066742
Lilium bulb production & cultivation. 1. 068925
Meiotic cells in situ of **Lilium longiflorum** as 067046
stage to anthesis of **Lilium longiflorum** Thu- 068368

LIMA
on retention of vitamin B6 in **lima beans.** 063960
germinating Phaseolus lunatus. **[Lima beans** 068245

LIMBS
of skin folding & growth of head & **limbs.** 064529
Durand). XIV. **Limb deformities** produced by 066044
internal fixation devices on **functional limb** 065220
deformations in distal part of **pectoral limb** 066025

LIMES
Effects of **lime** on some **chemical** characteri- 072004
Rangpur **lime, Citrus** rangpuriensis sp. nov. 066779
Lime dosage for obtaining desired amount of 072133
sucrose content of milk of **lime** on **efficiency** 063816
Lime flour with poor dusting qualities & ec- 062538
Effect of **lime** on **lead** uptake by five plant 069829
forest fertilization with **lime marl** & Thomas 072045
color sorting of citrus fruits. **[Oranges, limes]** 064018
contrasting response to **lime pelleting** of two 071744
data & fertilizer & **lime recommendations** for 071994
Serious shortage of **lime** in **sugar** beet. [Soil 071998
application of large doses of **lime** on **yield** & 072152

LIMESTONE
Effects of **limestone dust** accumulation on la- 066084
Influence of **liming** on **microflora** of sod-pod- 072144
of nitrogen fertilizer & **liming procedure** in 069343
Response of grasslands on **sugar-limestone** in 066860

LIMNEPHILIDAE
Gmel.) **(Trichoptera, Limnephilidae).** 070765

LIMONIUM
on color of statice flowers. **[Limonium].** 068244
six cultivars of annual statice **(Limonium cv.** 068240

LINARIA
of amount of alkaloids in **Linaria vulgaris** g- 067809

LINDANE
tests of granular 4-percent **Lindane against** 070262
after treating with **granular Lindane.** 070359

LINEAR
variables. [Agricultural **economics, linear** pr- 062270
Features of weight & **linear growth** of swine 065102
On stabilizing **linear motion** of MTZ-50L tr- 071696
Mill.) plants from **linear parameters.** [Virus 069639
A tree-mounted LVDT **[linear variable** diffe- 069053

LINES
a-locus in six pairs of isogenic **barley lines.** 067128
pigs from point of view of **lines** of **breeds** D- 064516
evolution in two series of **cell line** PK-15-3. 064488
of heterosis in crosses of **lines** of **hens** of egg 065093
Study of selected varieties & **improved lines** 068879
Yields of varieties & new **improved lines** of 068881
successive generations in maize **inbred lines** 067127
other genetic properties of **inbred lines.** 067349
of homozygous self-**incompatible lines** of wh- 067146
preparation along **industrial lines.** 063881
content in stabilized inbred **maize lines.** 067142
selection when creating **mutant lines** of mai- 067373
Computer applications: off-**line order** entry. 062694
stages of growth in self-**pollinating lines** & s- 067089
with genotypes of self-**pollinating lines** & si- 067090
rational final step of a packing **process line.** 063725
problems on breeding cold-**resistant lines** & 067318
tritici in thatcher-3B **substitution line.** [Wh- 067116
tobacco mosaic virus]-resistant **tomato lines** 068420
distribution of gene Gas in **lines** & **varieties** 067141
Sensitivity of some **varieties, lines** & hybrids 067188

LINOLEIC
method of autoxidation of **linoleic acid** met- 063438
of volatile aldehydes from **linoleic acid.** 064034
fatty acids, especially of **linoleic acid** in pou- 064753
Maternal effects on oleic, **linoleic acid** cont- 067096
oxidation of chlorophyll a with **linoleic acid** 067674
kinetics investigation of **methyl linoleate** by 063865

LINOLENIC
Selective hydrogenation of **linolenic acid** as 063857

LINSEED
Urea spray **boosts linseed** yield. 071971
Isolated protein from **linseed meal.** I. Nutrit- 063228
of fatty acid composition in **linseed oils** of d- 063731
Copper-hydrogenated soybean & **linseed oils** 063754
Performance of **linseed varieties** against Fus- 069357

LINURON
application dates for **Linuron** on **corn** crops 070149
of prometryne & **linuron** on **crops** of Aneth- 070160
availability of atrazine & **linuron** to **plants.** 069998
a mixture of trietazine & **linuron** for **weed** c- 069962

LINYPHIIDAE
O.p. Cambridge) **(Araneae, Linyphiidae)** in 071279

LIPAPHIS
mustard & rape in India. **[Lipaphis erys-** 070326

LIPASES
of carrier-bound Mucor [javanicus] **lipase.** 067536
Fat **mobilizing lipase** in relation to fatness in 064411
splitting of natural fats by **pancreatic lipase** 063410

LIPIDS
Protection of **lipids against** autoxidation. [F- 063472
Lipid analysis in wall of digestive tract & ad- 064501
Lipid biosynthesis in bovine mammary cells 064399
Metal **catalyzed lipid** oxidation. [Food]. 063471
on changes in **lipid composition** & lecithin-c- 064453
Lipid composition of Acetabularia mediterr- 067031
Differences in **lipid composition** between un- 068117
Comparative studies on **lipid composition** of 068132
Autoxidation of insect **cuticular lipids:** stabil- 070885
Lipid deterioration in stored seeds of Brassi- 064037
of yeasts producing **extracellular lipids.** 067689
Changes in **lipid & fatty** acid composition d- 063396
on deterioration of **lipids, Gdansk,** June 1st 063455
hormone action. II. kinetics of **lipid-induced** 068449
Deterioration of **lipids--its influence** on tech- 063457
malic enzyme & total **liver lipid** of rat. 064437
Carbohydrate & **lipid metabolism** of growing 064386
on glycosaminoglycan & **lipid metabolism** in 064395
of feed intake on **lipid metabolism** of rats. 064786
Lipid metabolism in dehydrating peanut ker- 068101
Changes in **lipid & nitrogen** content during 070793
of various products of **lipid oxidation.** [Oils, 063459
Metal catalyzed **lipid oxidation.** [Food]. 063471
metal contents of fish meal & of **lipid phase** 064068
produced by oxidized **polyunsaturated lipids** 063454
Lipid requirements for Tribolium castaneum 070880
Lipids of **ripening** tomato fruit & its mitoch- 068437
Harris): pentane extract of **surface lipids.** 070807
acid composition of adipose **tissue lipids.** 064344
on productions of **lipids & tocopherols** in se- 067877
Fatty acid composition of **lipids** in **various** p- 067479
Role of **lipids** in **various** enzymatic activities 068461

LIPOMYCES
medium for isolation of soil **yeast lipomyces** 071907

LIPOPROTEINS
from pig & human high **density lipoproteins** 064421
studies of **glycoand lipoproteins** in blood ser- 064970

LIPOXIDASES
a with linoleic acid catalysed by **lipoxidase.** 067674

LIPOXYGENASES
Lipoxygenase action during **bread** making: 063785
of trypsin **inhibitor, lipoxygenase** & urease in 063755
Effect of **lipoxygenase** action on **mechanical** 063759
Lipoxygenase of **peas.** Formation of volatile 064034

LIQUIDS
of inclusion complexes by **liquid ammonia** tr- 063833
Liquid ammonia & nonaqueous solutions of 063840
with metallic sodium in **liquid ammonia.** IV. 066491
Story behind **liquid ammonia:** semimanufact- 072165
Stabilizing gravel roads with **liquid calcium** 066411
Chiseling liquid manure: no odor, no runoff 072055
for GLC [Gas **liquid chromatography[** dete- 063464
by means of **gas-liquid chromatography.** 063866
Gas-liquid chromatography of some natural 067492
of high-speed **liquid chromatography** of some 067636
by high-pressure **liquid chromatography.** 068388
Disorders in **liquid feeding** in pig house. 064690
Liquid fertilizer application--state of art & 071586
Introducing **liquid fertilizer.** 072053
application of new forms of **liquid fertilizers** 072164
tobacco dryer with air heated by **liquid fuel** 071675
Collection techniques for GLC **[Gas liquid** c- 063464
acid in final molasses by means of **gas-liquid** 063866
Gas-liquid chromatography of some natural 067492
Liquid or **granulated** feed complements for l- 064597
Introducing liquid fertilizer. 072053
Solid manure of **liquid manure** from laying 064129
Chiseling **liquid manure:** no odor, no runoff 072055
million tons of swine semi-**liquid manure.** 072516
Legal norms & enumeration in **liquid medium:** 063174
of rice cells subcultural in a **liquid medium** 066968
glycine nitrogen in Czapek's **liquid medium** 067592
Retail packaging of **liquid milk.** [Great Brit- 062763
Liquid mineral fertilizers. 072097
for semen preservation in **liquid nitrogen.** 065042
relative to freezing it in **liquid nitrogen.** 065084
poultry semen frozen in **liquid nitrogen.** 065185
of furocoumarins by high-**pressure liquid** chr- 068388
U.S.A. 400 million tons of swine **semi-liquid** 072516
Proton mobilities of **liquids sorbed** on cotton 063824
investigation of high-**speed liquid** chromatog- 067636
designed for rpoduction of **liquid sugar.** 063790
cereal supplement given in **liquid suspension** 064617
swine & ecology: purification of **liquid waste** 072592
Retention of **liquids** in **wood.** 066502

LIQUORS
Milling & refining of **chocolate liquor.** 063358
in field of thick juice & **liquor filtration.** [S- 063868
oxidation reactions in **kraft liquor** recovery: 066529
Clarification of NSC **waste liquor** by active 066459

LISTERIA
On determining virulence of **Listeria.** 065787
Listeric abortion studies in sheep. II. Feto-p- 065454
*** 065456
mice infected with **Listeria monocytogenes.** 065513
listeriosis in dogs. **[Listeria monocytogenes]** 065886

LISTERIOSIS
Some results in **controlling listeriosis** in she- 065771

Experimental listeriosis in dogs. [Listeria m- 065886
On epizootiology of **listeriosis** on **farms** of I- 065843
Experimentally **induced listeriosis** in duckli- 065818
Ovine listeriosis. 065406

LITCHI
of litchi from Muzaffarpur, India. [**Lychee**] 069376

LITHOCOLLETIS
Female of **Lithocolletis** (=Phyllonorycter) 071229

LITTERS
Payzone in broilers raised on **deep litter.** [065600
Cellulose decomposition in **forest litter** of s- 066362
Forest litter & its significance in biological 066834
activities of beech **forest litter** & soil. [Fagus 071836
acid determination in **forest litters.** 071874
Chemical composition of **forest litter** water- 071886
of determining removal of **litter-free** manure 072226
new dairy units with **litterless keeping.** 066046
Utilization of **leaf litter** by stream detritivo- 070816
Acari) from beech-woodland **leaf litter.** 070990
flora & rate of decomposition of **leaf litter** at 071760
of pig embryos in **litters** without **losses.** 064964
of Karakul sheep & their **multiple litters.** 065167
to variants in mating & **litter number.** 065150

LIVER
pigs & accumulation of copper in **liver.** 064654
A technique for **liver biopsy** in sheep. 065257
effect of vitamin A loss in **bovine liver.** 063282
Functional disorder of **liver** in **cases** of calf 065993
of Fasciola hepatica miracidia. [**Cattle, liver** 065593
parameters of fractions of rat **liver cells.** III 064785
Relation of E vitamin level in **liver** of **chicks** 064684
of process leading to **liver cirrhosis.** 065955
on weight gain, hematology & **liver copper** 064438
Haemangioendothelioma in **liver** of a **dog.** 065947
on occurrence of ketosis & **liver dystrophy** in 065982
Studies on **liver dystrophy** in high-producti- 065983
of glycogen in **embryonic liver** of various br- 064507
of geese before force-feeding & **fatty liver** w- 064468
Studies on problem of **fatty liver** in laying h- 064907
Trypanosoma evansi in cat by **feeding liver,** 065504
hepatica miracidia. [Cattle, **liver fluke**]. 065593
well as glutathion quotients in **liver** of **hens** 064907
rats. I. Exposure rate effect on **liver, kidney** 064374
malic enzyme & total **liver lipid** of rat. 064437
Thiamin deficiency: **liver metabolite** levels 063254
Liver ornithine carbamyl transferase & blood 064924
vitro hydrocortisone catabolism in **pig liver** 064575
parameters of fractions of **rat liver** cells. III 064785
evansi in cat by feeding **liver, spleen** & heart 065504
dehydrogenase, malic enzyme & **total liver** l- 064437
before force-feeding & fatty **liver weight.** 064468

LIVERWORTS
Distribution of **liverworts** in **Czechoslovakia** 066665

LIVESTOCK
optimum economic life of **livestock.** 062306
slaughtering & handling of **livestock.** 062680
of estrogens in fattening of **livestock.** 063041
myometrium & mammary gland. [**Livestock**] 064250
details of haris surface [**Livestock**]. 064310
biochemistry of growth. [**Livestock**]. 064385
Prostaglandins. [**Livestock**]. 064536
granulated feed complements for **livestock.** 064597
of estrogens in fattening of **livestock.** 064629
Energy requirements for growth. [**Livestock**] 064703
Use of sulfates for **livestock.** [Nutrition]. 064819
Green Plan for **livestock.** [Forage plants, fe- 064821
trends in artificial insemination of **livestock** 065070
of pure breeding programs. I. [**Livestock**]. 065134
methods of their control. [**Livestock**]. 065196
Antiseptics used in gynecology. [**Livestock**] 065347
On leptospirosis. [**Livestock**]. 065477
of infectious disease origin in **livestock.** 065482
prophylaxis for brucellosis in **livestock.** 065487
for gastrointestinal parasites of **livestock.** 065535
in pasture & its poisoning of **livestock.** 066018
Fly control on **livestock:** dairy, beef, swine, 070592
Fly control on **livestock:** dairy, beef, swine, 070593
region & its effect on animals. [**Livestock**]. 072585
diagnosis of little-studied diseases of **livesto-k** 065483
concentrates to large **livestock amounts.** De- 064676
of concentrated feed in **Austrian livestock** p- 064689
corn, grain & mixed feed in **livestock barns:** 064757
Reaction of **livestock body** & air medium of 064143
of estrous cycle in **livestock breeding.** 1. 064934
environment in **livestock breeding.** 065067
of animal industry. [**Livestock, breeding**]. 065085
Electric heating for **livestock buildings.** 071484
trends--new designs. [**Livestock buildings**]. 071488
Evolution in **livestock care** in mountainous 064126
foci in epizootiology of **certain livestock** dis- 065839
this happen to you? [**Livestock, controlled** 071455
Utilization in **livestock diets** of foods of pla- 064721
status of world. [**Livestock, diseases**]. 065729
of state of natural foci of **livestock diseases** 065836
in epizootiology of certain **livestock diseases** 065839
of state of natural foci of **livestock diseases** 070652
Disinfecting livestock quarters by flame from 065346
Trypanosomiasis in **domestic livestock** in L- 065880
cooperation of **livestock evaluation** stations 065071
at U. S. Range **Livestock Experiment** Stati- 064809
part in improving mass **livestock farming.** 065053
for industrialized **livestock farming.** 065276
in industrialized **livestock farming** complexes 065277
Seven capital sins of **livestock feed** factory. 064086
of growth hormones in **livestock feeding.** 064670
Maintenance. [**Livestock, feeding**]. 064691
Jerusalem artichoke for **feeding livestock.** 064792
Cysticercus bovis. [**Livestock, food** contami- 063180
nitrogen] supplements for **yearling heifers.** 064853
diseases of **livestock** with **hormonal**-tissue b- 064528
Zoohygienic basis for **livestock housing** & m- 065253
mycotoxicoses of **livestock** in **Hungary.** 065634
mutual aid in **livestock husbandry.** 064151
Optimal **livestock husbandry** by designed en- 064162
of use of antibiotics by **livestock** on **hygien** ic 063039
Improving livestock population as a factor of 065052
Stable fodder basis for **industrial livestock** p- 068741
facilities for **industrialized livestock** farming 065276
disinfection in **industrialized livestock** farmi- 065277
Michigan's **livestock industry** of 1985. 062954
coyote as a predator on **livestock industry.** 064205
in Tadzhik SSR. [**Livestock, infectious** disea- 065837
much waste. case of **intensive livestock** prod- 062426
for disease treatment in **intensive livestock** 065635
parasitic diseases of **livestock** in **Kazakhstan** 065842
fodder & concentrates to **large livestock** am- 064676
A receptacle for **livestock manure** & urine. 071479
participation in **livestock marketing** progra- 062906
participation in **livestock marketing** progra- 062907
takes part in improving **mass livestock** farm- 065053
National office for **Livestock & Meats,** ON- 062987
of biological control. [**Livestock, nematodes**] 065525
Viral isolates from **livestock** in **northern** Ni- 065394
caused by feed in **livestock nutrition.** 064669
Optimal livestock husbandry by designed en- 064162
supply for high **performance livestock.** 064756
Better feed for **livestock** with **performance;** 064758
in veterinary medicine. [**Livestock pest** cont- 070645
Genetics for agriculture. [**Plants, livestock**]. 065094
toxicological tests. [**Livestock, poisoning**]. 066035
as affected by trillate. [**Livestock, poisoning** 066063
People's Republic. [**Livestock, poisoning**]. 066072
People's Republic. [**Livestock, poisoning**]. 066073
activation analysis. [**Livestock, poisonong**]. 066049
Improving **livestock population** as a factor of 065052
Poisoning of **livestock** & **poultry** by common 066060
crop farming & **livestock production.** 062582
of development of **livestock production** in L- 064169
feed in Austrian **livestock production.** 064689
basis for industrial **livestock production.** 068741
in establishments for **livestock production.** 071462
in establishments for **livestock production.** 071463
Rationalization of **livestock production.** [M- 071524
in mechanization of **livestock production.** 071630
case of intensive **livestock productions** units. 062426
of **livestock** & their **products.** 063102
Livestock protection from veterinarian's vie- 065297
Disinfecting **livestock quarters** by flame from 065346
treatment in intensive **livestock raising.** 065635
Swine research at U. S. **Range Livestock** E- 064809
Diseases of young **livestock related** to selen- 065928
Livestock reproduction; aspects of sex attra- 065088
Livestock sanitation in Thailand. 065259
for purchasing **slaughter livestock.** 062747
i. Fattening lambs & **yearlings** on a **slotted** f- 064238
1971 texas **livestock statistics.** 062807
Livestock transportation costs in West Virg- 062603
wildness" disease. [**Livestock, virus** diseases] 065674
to control measures for **livestock waste** poll- 072493
to management of **livestock wastes.** [Polluti- 072566
response to selection for **yearling weight** in 064959
of diseases common to **livestock & wild** ani- 065838
Diseases of **young livestock** related to selen- 065928

LIVEWEIGHTS
of stocking rate & **liveweight** on **production** 064949
Effect of variation in **liveweight** of sows at 065194

LOADING
Selecting equipment for **loading beets** into f- 071667
Use of self-operating **unloading carts** to rati- 072030
Unloading timber from open cars with grabs 066497

LOADS
Tires with a large **load carrying** capacity; a 071606
Effects of **fruit load,** temperature, & relative 067957
Effect of **normalized loads** of grapevines on 068505
Characteristics of **tractor loads** in culture & 071694

LOAMS
heat & water-air conditions of **loamy, bog-p-** 072465
soil losses on Hagerstown dilty **clay loam:** e- 070148
of nitrogen in bog-podzolic, **light loamy** soil 071944
Heterodera rostochiensis, in **sandy loam,** by 069758
rice husk on crop growth on a **sandy loam** s- 072087
Elevation of fertility on sandy & **sandy loam** 072246

LOAVES
muscle changes on poultry **meat loaf** propert- 063680

LOBESIA
of grape berry moth (**Lobesia botrana** Den. 070420

LOBLOLLY
Container loblolly pines promising for erosi- 072330
grade on survival & growth of **loblolly pine** 068598
fusiform rust relationships in **loblolly pine.** 069488

LOCALIZATION
examination of **alkaloid localization** in vege- 067395
Localization of **amino**-acid substitutions diff- 064297
Orthoptera): **capsule localization** & structure 071079
On **localization** of **ferric** phosphate polymer 067860
Histochemical localization of enzymes in T- 067457
Localization of **histones** & their synthesis by 068360
Localization of **ions** in cells of Potamogeton 067574
Localization of **nucleic** acids in fungus Ent- 067683
Study of **localization** of **oviposition** of Pisso- 070558

LOCUSTA
migratory locusts (**Locusta migratoria** migra- 070756
of "albinos" mutation in **Locusta migratoria** 070776
in cardiac rhythm of **Locusta migratoria** L. I 070857
in eggs of **Locusta migratoria.** 070893
tethered flight in locust. [**Locusta migratoria**] 070900
spirurid nematodes in **Locusta migratoria** (071079
nervous system. [**Locusta migratoria**]. 070772

LOCUSTS
corpora cardiaca on tethered flight in **locust** 070900
metathoracic flight motoneurons of a **locust.** 070901
motoneuron of hindwing of a **locust.** [Chorto- 070902
Height growth prediction for **black locust** on 066316
Use of pesticides in **locust control.** [Acridid- 070250
decay of P[phosphorus]-32 in **desert locust-** 070372
colour pattern in **locust grouping.** 070763
cessation of flight in **locust Schistocerca** gre- 070769

LODGEPOLE
with wound response of **lodgepole pine** atta- 068516

LOESS
genesis of **loess-paleosoils** in Carpathian bas- 071960

LOGGERS
Northeastern Loggers Workmen's Compens- 066186

LOGGING
regions; technical report. [**Logging**]. 066447
Harvesting logging residue from a selectively 066506
requirements for **mechanized logging.** 066495
Corporation large scale **logging operations.** 066408
Logging with **remote**-controlled tractor-wind- 066446
Logging in **Soviet** Union. 066527
solutions on "long haul" **logging systems.** 066514

LOGS
changes in composition of **log bones** in fema- 064372
in top form quotients of **coniferous logs.** [Pi- 066203
yields for subfactory class **hardwood logs.** 066555
evolution & development of **ocean log** rafting 066516
breast height diameter & number of **log per** 066202
Log scale & lump sum timber selling on fed- 066273
Log truck weighing systems. 066515

LOIN
Estimating **carcass loin**-eye area & fat thick- 064211
aging vs. palatability of pork **loin chops.** 063627
Loin-eye muscle measures for evaluating co- 064517

LOLIUM
crosses within & between **Lolium & Festuca** 067065
Infection of **Lolium & Festuca** spp. by Drec- 069311
in grasses of Festuca & **Lolium genera.** III. 067148
multiflorum Lam., **Lolium multiflorum** Lam. 067064
experiments with **Lolium multiflorum.** 068065
atmospheric pollution. [**Lolium multiflorum,** 069913
a desiccant for grass leaves. [**Lolium perenne,** 064065
or perennial ryegrass (**Lolium perenne** var. 064727
Hybrids between **Lolium perenne** L. & Fest- 067319
winter hardiness in **Lolium perenne.** II. Infl- 068049
relative air humidity. [**Lolium perenne**]. 068207
white clover pasture. [**Lolium perenne**]. 068208
weed grass species. [**Lolium perenne,** Festuca 070069

LONGEVITY
on oviposition & **longevity** of **Apion** virens 071076
Diminution of **longevity** of **Drosophila** mela- 070749

LONGITUDE
Will he take over? a **longitudinal,** five **county** 062463
Variations of **longitudinal electrical** resistan- 067654

LONGLEAF
pollen shedding phenology of **longleaf pine.** 068532

LONICERA
SEE CAPRIFOLIACEAE

LOOPERS
a nuclear polyhedrosis virus of **alfalfa looper** 070937
Food consumption by **cabbage loopers** infect- 070936

LOPHODERMIUM
of variability of **Lophodermium pinastri.** I. 069317
shedding caused by **Lophodermium pinastri.** 069553

LOPHOPHORA
Cactaceae. [**Lophophora williamsii,** Mamill- 066580

LOTUS
studies on DNA contents of **diploid Lotus** s- 067396

LOUPING
Louping-ill in a working collie. [Dogs]. 065710

LOWBUSH
cassandrae f. vaccinii on **lowbush blueberry** 069277

LOWLANDS
Anau: mires of ManapouriTe **Anau lowlands** 066884
saline soils on Kura-**Araks Lowland** (Azerba- 071712
in exhausted peat bogs of **Balachna lowland** 070820
of fertility in Black Pied **Lowland bulls.** I. 065043
Polish Black Pied **Lowlands cattle.** II. 065063
of type in Black Pied **Lowland cattle** of Pol- 065069
in discussion on Black Pied **Lowland cattle** 065074
Cobalt in orchard soils of **lowland Dagestan** 071721
properties of Black **Pied Lowland** cattle in 065206
culture improvement of **lowland rice.** CXIII. 067949
et Wol.) Borb. in **Sandomierz lowland.** 066767
theme: intensification of **lowland sheep** pro- 064118
in meadow soils of **Tambov lowland.** 071846

LUCERNES
additive for wet crops of cocksfoot & **lucerne.** 064064
albo-atrum R. et B. of a **lucerne collection** of 069232
of alfalfa mosaic virus on **different lucerne** v- 069670
maize silage supplemented with **dried lucer-e,** 064651
of factors of agrotechnique of **lucerne grown** 068876
of feeding Cyolane--treated **lucerne hay** to c- 066039
fed on grass, clover or **lucerne preserved** in 064841
spring mixture with **lucerne undercrop** sown 068826

LUMBER
treatment of green oak **furniture lumber.** [S- 070540
Green **lumber grade** yields for subfactory cl- 066555
of wood stock supply in **lumber industry.** 066478
as raw products for **lumber industry.** I. 066532
as raw products for **lumber industry.** II. 066533
Tensile strength of **lumber laminated** from 066548
of composts from soft wood **lumber mill** was- 072015
Nailing frozen **pallet lumber.** 066560
posts & **lumber** with **pentachlorophenol.** 066512
central tasks for raw **lumber production** to 066291

LUMBRICIDAE
related compounds on **Lumbricus terrestris** 070718

LUMINESCENCE
seeds on superweak **chemical luminescence** 068138

LUNAR
Further notes on **African lunar** moth Argema 070831
G. Don (Chonemorpha **fragrans Moon**). 067612

LUNCH
School lunch in High Point: a community's 063235
School lunch--a tool for nutrition education 063279

LUNGS
Pneumothorax associated with **lung mite** les- 070623
level of agent in blood plasma & **lung tissue** 065425

LUNGWORMS
Divezid for **controlling lungworms** in calves 065798
On toxicity of Divezid. [**Sheep, lungworms**] 065799

LUPINE
Culture of **lupine** for **feed** & its alkaloid con- 068194
fertilizers on yield of **lupine** for **feed.** 071980
Forage lupine: A uniquely economical prote- 064780
of root system of yellow **forage lupine** in sa- 072238
of mineral nitrogen on yellow **forage lupine** 072239
Fatures of growth of **isolated lupine** root. V. 068073
respiration in bacteroids of **lupine nodules** d- 068168
Pierce) Smith) in yellow **lupine plants** as re- 069735
Cultivation of European yellow **lupine seeds** 068898
setosa (Kirch.) Hughes on **lupine** & **selected** 069452

LUPINUS
polymorphism in **genus Lupinus** (Leguminos- 066633

LUTEINIZATION
Serum **luteinizing hormone,** prolactin, gluco- 064428
concentrations of **luteinizing hormone** during 064931

LUTEOLIN
Luteolin glycosides in some plants of family 067512

LUTEOTROPIN
hormone, **prolactin, glucocorticoid,** & proges- 064428
on milk yield & level of **prolactin** & **growth** 064433
releasing hormone] on **serum prolactin,** TSH 064353

LUTEUM
data. [Sideritis euboea, **Corydalis lutea**]. 066931

LYASES
of PAL [phenylalanie **ammonia-lyase**] activi- 063972

LYCAENIDAE
in Plebejus saepiolus Boisduval (**Lycaenidae** 070953

LYCHEE
SEE LITCHI

LYCOPERSICON
mosaic virus resistance in **lycopersicon.** [To- 069642
aid of a test plant **Lycopersicum chilense** D- 069733
cross of tomato (**Lycopersicon esculentum** 067273
cross in tomato (**Lycopersicon esculentum** 067274
area of tomato (**Lycopersicon esculentum** M- 069639
cytogenetics of **genus Lycopersicon** Tourn. 067352
virus disease caused by **Lycopersicum virus** 069734

LYCORIS
Sometimes tantalizing, those **Lycoris.** [Cult- 069115

LYCOSA
Studies on **Lycosa pseudoannulata** Boesenbe- 070801

LYCOSIDAE
Boesenberg et Strand (Araneae: **Lycosidae**). 070801
spider Pardosa monticola (**Aranei, Lycosidae**) 071368

LYGAEIDAE
militaris Fabricus (Heteroptera: **Lygaeidae:** 070992

LYGUS
Wanted: for killing sugarbeets-- **lygus bug.** 070393

LYMANTRIIDAE
Euproctis lunata Walker (**Lymantriidae**). 070882
sterile gypsy moth males (**Lymantria dispar** 070566
pests, especially on **Lymantria monacha** L. 070526
Occurrence & control of **Lymantria monacha** 070555
pests, especially on **Lymantria monacha** L. 070766

LYMPH
G globulins isolated from **lymph** & **blood.** 064267
for restraint of dog during **lymphatic duct** d- 065218
in lymphocytes of **lymphatic-leukemia** suspe- 065359
Lymphatic network of synovial membrane of 064544
Collection of **lymph** from **sheep** by cannulat- 065544

LYMPHADENITIS
in **streptococcic lymphadenitis.** 065442

LYMPHOCYTES
contents in **lymphocytes** of **lymphatic-leuke-** 065359
Lymphocyte membrane particle redistributi- 068322
studies on **peripheral lymphocyte.** 065510

LYMPHOID
Transplantability of **avian lymphoid** tumor c- 065668

LYMPHOMA
associated with **malignant lymphoma** in a he- 065318

LYMPHOMATOSIS
Marek's disease. [**Avian lymphomatosis**]. 065460
Marek's disease). [**Avian lymphomatosis**]. 065461
Marek's disease. [**Avian lymphomatosis**]. 065463
fowl paralysis). [**Avian lymphomatosis**]. 065465
blindness in chicks. [**Avian lymphomatosis**]. 065499

LYOPHILIZATION
A **combined lyophilised** rinderpest-CBPP [p- 065621

LYSIMETRY
soil & bed-rocks in **lysimetric investigations** 071820
Lysimeter investigations on nitrogen leachi- 072231

LYSINE
gluten on content of free **lysine, arginine,** hi- 064635
Blood serum **lysyl-arylamidase** activity in d- 064535
restricted period. Influence of **dietary lysine** 064623
evaluation of crude **protein, lysine** & methio- 067879

LYSOMES
Inherited lysosomal storage diseases: an ess- 065976

LYSOZYMES
Lysozyme (muramidase) activity in canine 065906
polymorphism of **hen lysozyme.** 064367

LYTHRACEAE
granatum var. nana & **Lagerstroemia indica** 068306

MACHINERY
a truck gardner: mechanization & **machines** 071656
by Makharadze **Machine-Accounting** Station 062448
Proper use of **agricultural machines.** 071513
for testing **agricultural machinery.** 071537
A look at some **agricultural machinery** in E- 071604
power indicators for **agricultural machinery** 071615
its effect on **agricultural machinery** industry 071616
Exhibition of **Agricultural Machinery**]. 071650
Agricultural machinery use in France. 071702
introduction of new **agricultural machines.** 071707
services of state **agricultural machinery** cent- 072164
A sugar beet harvesting **machine assembled** 071660
of state agricultural **machinery centers** in a- 072164
New **machines** for **cleaning** farm irrigation c- 071558
screens in grain **cleaning machines.** 071688
On **machines** for **complex** mechanization of 071592
Prospective technology & **machine complex** 072271
Machines for **cutting** stubble. 071637
work indices of **disseminating machine** of 071687
Machines & equipment for overhead sprayi- 071591
at XIVth International **Machinery Fair.** 071636
by lack of reliability in **farm machines** & eq- 064237
Activities of **Farm Machinery** Research Inst- 071532
Lectures on **farm machinery** for easy unders- 071551
Farm machinery & implement dealerships in 071700
by lack of reliability in **farm machines** & eq- 071705
A sugar beet **harvesting machine** assembled 071660
Machines & implement for soil preparation, 071636
Agricultural engineering & **machine industry** 071457
effect on agricultural **machinery industry.** 071616
sowing at XIVth **International Machinery** 071636
A set of **machines** for **lingin** of irrigation ca- 072383
as exemplified by **Makharadze Machine-Ac-** 062448
Machines for **mechanizing** agricultural recl- 071590
Stabilization of vacuum in **milking machines** 065239
Testing **milking machines.** 071639
New mechanical **milking machines** for priva- 071651
Orchard culture at **Moldavian Machine** Test- 071666
board making in cylinder **mould machines.** 066483
efficiency of newly-**operative machines.** [Or- 071665
cleaners for mobile storage **piling machines** 071668
Practical application of **precision machines.** 071608
Activities of Farm **Machinery Research** Inst- 071532
in agriculture by means of **soil machines.** [070114
of MIG-2,2 manure **spreading machine** in a- 071685
Machinery syndication. [Australia]. 062343
A new **machine system** for irrigated farming 071593
culture at Moldavian **Machine Testing** Cent- 071666
study of active operating **tilling machines.** 071533
of ring type roller-die **wafering machine.** 071683

MACROCEPHALUS
system of **Anacanthotermis macrocephalus** (071096

MACROCHELES
specificity in **Macrocheles mycotrupetes** & 070751

MACROCHELIDAE
Krantz & Mellott (Acari : **Macrochelidae**), 070751

MACROINVERTEBRATES
A checklist of **macroinvertebrates** of **Provo** 071194

MACROMOLECULES
of uptake of **macromolecules** by **neonatal** gu- 064439
of uptake of **macromolecules** by **piglet** intest- 064440
of inhibitors of **macromolecular synthesis** on 065874

MACRONUTRIENTS
deficiencies on **macronutrient accumulation** 068179

MACROPHAGES
properties of **macrophages** from **immune** & 065441

MACROPHOMINA
Responses of healthy & **macrophomina** [pha- 068040
Schizaphis **graminum, Macrophomina** phase- 069557
Phymatotrichum **omnivorum, Macrophomina** 069519
a pycnidial strain of **Macrophomina phaseoli** 069378
among isolates of **Macrophomina phaseoli** (069467
Biology of **Macrophomina phaseoli** in soil s- 069499

MACROPHYTES
structure of **benthic macrophyte** communities 066885
supply of **macrophytes** of **hard** soils along s- 066790

MACROSIPHUM
of Indian grain **aphid, Macrosiphum** (Sitobi- 070346

MACROSTELES
inbreeding of **Macrosteles fascifrons** for incr- 070375
of oat blue dwarf. [**Macrosteles laevis,** vecto- 069724

MAGGOTS
Root **maggot--early** summer threat to sugar- 070397
new insecticide for control of **onion maggot** 070480

MAGNESIUM
of salt effects on mg2+[**magnesium**]-depend- 068053
of ground water high in Mg [**magnesium**] on 071779

healthy food: about meaning of **magnesium.** 072143
fertilizer Agronit **containing magnesium.** 071976
Sodium & **magnesium contents** of various cu- 068207
Magnesium fertilization of fruit plants. 068466
refuse, enriched with **magnesium,** in **hen** fee- 064902
Elimination of **magnesium hydroxide** interfe- 071754
potassium oxide & **magnesium** in **light** soils 072240
by pancreatic lipase or **magnesium methyl** b- 063410
Nitrogen, phosphorus, **potassium, magnesium]** 072003
On effect of **magnesium** on **protein** complex 067718
Synthesis of **magnesium-protoporphyrin.** IX. 068096
in conjunction with **magnesium** & **spartin.** 072085
cattle in relation to their **magnesium supply** 065970
Effect of **magnesium** on **yield** of potatoes re- 072119

MAGNETIC

Lignin. XVI. Synthesis, **nuclear magnetic** re- 066500
Magnetic resonance studies on membrane & 063677

MAINTENANCE

Maintenance. [Livestock, feeding]. 064691
Veterinary **care agreements** & first experien- 065263
Development in feeding & **care** of **breeding** 064763
Chloroplast maintenance & partial different- 068445
Basic regulations **concerning maintenance** c- 071545
baby pigs & age & **maintenance conditions.** 065345
regulations concerning **maintenance costs** of 071545
Maintenance costs of aids to mechanize pla- 071546
Effect exercised by finish of **easy upkeep** on 063652
Measures to **maintain forests** in regions of 066161
Garden maintenance with herbicides. 070014
Upkeep of **green** spaces in firstly choice of 071659
in milking machines for **maintaining health** 065239
support--requirement for **industrial care** & a- 071438
of mobile **maintenance installations.** 071544
Intensive maintenance & managing techniqu- 068620
Maintenance of **Karajul** sheep under desert 064231
Poplar culture as a part of **landscape care.** 069039
Evolution in **livestock care** in mountainous 064126
Care & maintenance of spraying equipment 071653
Operation of **mobile maintenance** installatio- 071544
establishment & **maintenance** in **Populus** cul- 066334
Let's take **care** of our **roses.** [Tortricidae, R- 070417
of sheep housing & **maintenance** in **Siberia.** 065339
in relation to **maintenance** of **SMR** [Standa- 063423
Soil maintenance in grape culture. 072203
for development & **maintenance** of **sown** pas- 071997
housing & **maintenance** on **specialized** farm 065253
Care & **maintenance** of **spraying** equipment 071653
farms & its role in **maintaining** & **spreading** 065688
Technical maintenance of drainage & irrigat- 071449
Veterinary care agreements & first experien- 065263
co-operatives in **Wielkopolska maintain** a hi- 062424
Formation & **care** of **young** woods & young 066378

MAIZE

lines & single-cross hybrids of **maize.** 067089
heterosis & relationships to yield in **maize.** 067104
Epistasis in **maize** (Zea mays L.): iII. Signif- 067107
induced by B chromosome of **maize.** I. Mec- 067287
Fo hybrids & their maternal forms in **maize** 067361
when creating mutant lines of **maize.** 067373
of new sources of ba1 gene in **maize.** 067374
at early stages of zinc deficiency in **maize.** 067986
water exudation in excised roots. [**Maize**]. 068057
Studies on presowing hardening in **maize.** 068190
Resistance test on **maize** (Zea mays L.) cult- 069547
Transmission of rayado fino virus of **maize** 069610
of toxic effect of copper salts in **maize.** 069749
Transmission of rayado fino virus of **maize** 070308
studies on nature of antibiosis in **maize** (Zea 070339
Meteorological bases of irrigation of **maize.** 072398
biochemical peculiarities of **maize affected** w- 069318
in maize (Zea mays Linn.) **against maize** st- 070339
of nitrogen metabolism in **maize** & **beans.** 068169
mature **maize chloroplasts.** 068117
Lepidoptera, Noctuidae) on **Maize** in **Coast** 070387
soil fertilization with **maize** in **crop** rotation 068851
mixtures with other herbicides in **maize crop.** 070227
most essential food elements for a **maize cr-p.** 072205
out single seed equipment in **maize culture.** 069089
Importance of urea added to **ensilage maize** 064860
early stages of greening of **etiolated maize** l- 068110
levels in Opaque 2 & **Floury** 2 **maize** hybrids 067879
herbicides on productivity of **fodder maize** w- 070224
Apparent digestibility of **maize grain** when g- 064725
production due to growing **green maize.** 068671
temperature effects on **maize growth** & yield 067959
Cereals & **maize harvested** as whole plants 068666
Nucleic acids in seeds of **maize heterotic** hy- 067989
in Opaque 2 & Floury 2 **maize hybrids.** 067879
productivity of interline **maize hybrids.** 068003
in successive generations in **maize inbred** li- 067127
of protein content in stabilized **inbred maize** 067142
Effect of methods of **intercropping maize** wi- 068726
properties & productivity of **interline maize** 068003
carbon metabolism in **isolated maize** bundle 068114
herbicides in weed control in **maize** in **Kulu** 070146
polar caryopses & **maize leaves.** 067992
On ability of proteins from **maize leaves** to 068004
normal & carotenoid mutant **maize leaves.** 068097
stages of greening of etiolated **maize leaves** 068110
between undifferentiated & **mature maize** ch- 068117
intercropping sesamum with **maize** & **mung.** 068729
in normal & carotenoid **mutant maize** leaves 068097
for production of grain & **maize pellets.** 064057
their effect on growth of **maize plants.** 067991
aminotransferases in bean & **maize plants.** 067998
chlorophyll content of young **maize plants.** 068039
dehydrogenase in bean & **maize plants.** 068095
aminotransferases in bean & **maize plants.** 068345
dehydrogenase in bean & **maize plants.** 068430
DDT insecticides from soil into **maize plants.** 070352
their effect on growth of **maize plants.** 071773
ability for yield in two **maize populations.** 067112
in leaves of beet & **maize** & its **relation** with 067997
nutritional deficiencies in **maize** in **relation** 070340
relationship between **maize rough** dwarf vir- 069710
of nitrogen fertilizer to **maize** at **Samaru,** N- 072020
level of ascorbic & carotene in **maize silage.** 064058
of intensive cultivation of **maize** for **silage.** 068790
Growth of beef cattle fed on **maize silage** su- 064651
Effects of drought in **maize** & **sorghum.** 067898
of proteolytic enzymes in **maize sprout** endo- 067894
single-cross hybrids of **maize** at late **stages** 067090
beta-D-glucan from **maize stem.** 067935
maize (Zea mays Linn.) against **maize stem** 070339
of leaf senescence in **maize** by **subtoxic** leve- 067917
Conditions for & quality of **threshing maize** 071704
A new method of **maize utilization** (drying 064083
Chemical controle of **maize weeds.** 070147
carbon dioxide] & light by **maize** & **wheat** l- 067965
antioxygenous activity of **wheat, maize,** & b- 068138
with maize in crop rotation of **wheat-maize.** 068851
to chlorophyll content of **young maize** plants 068039

MALABSORPTION

Lactose malabsorption. 063257

MALARIA

model of its relation to **malaria transmission** 070610
attack measure in areas of **vivax malaria.** [070655

MALATE

phosphate] **malate dehydrogenase** by lipoate 068460
Malate dehydrogenase of Drosophila melan- 071056

MALATHION

Disinfecting grain with **malathion.** [Storage 069923
Dissipation of **malathion** on **cauliflower.** 070452
pesticides **(malathion, phoschlorine).** 070744
organic pesticides **phoschlorine, malathion)** 070746
Persistent toxicity of **malathion** & **pyrethrins** 070338
Inheritance of **malathion resistance** in Ger- 070577
Mont.) de By inhibited by **malathion sprays** 069330
evaluation of **malathion** & **vapona** for control 070374

MALE

fly, Dacus tryoni, to sex pheromone of **male** 070925
certain endocrine glands of **bovine males.** 064369
Studies on utilization on **cytoplasmic male** s- 067301
on reproduction traits of **male** & **female** pro- 064946
frequencies of Dacus dorsalis **Hendel males** 070874
Morphology of **male** of **Macrosiphoniella** us- 071078
Two releases of sterile gypsy **moth males** (070566
abnormal meiosis in a **partially male**-sterile 067121
sterilization tests of **males** by X-**rays.** 070246
maydis on a susceptible **male-sterile** corn h- 069516
Studies on **sterile-male** technique as a means 070268
Male sterility in peach varieties. 067351
Male sterilization of Dacus oleae to determ- 070447

MALEIC

Effect of **maleic hydrazide** (MH) on hexose 063987
Failure of **maleic hydrazide** to act as a sulf- 068458
Effects of **maleic hydrazide** & 2,4-D for swa- 070076
of grass suppressant **maleic hydrazide** on an 070077
folowing application of **maleic hydrazide** & 070078
Application of **maleic hydrazide** for control 070153

MALFORMATION

control to reduce **blossom malformation.** 070429
on incidence of **congenital malformations:** a 064354

MALIC

glucose-6-phosphate **dehydrogenase, malic** e- 064437

MALIGNANCY

Study of biology of **malignant growth** & mo- 065644
on **malignant lymphogranulomatosis** in cattle 065957
associated with **malignant lymphoma** in a he- 065318

MALNUTRITION

Food for thinking. [**Malnutrition**]. 063262
Pulses & **protein malnutrition.** [Legumes]. 063220

MALT

Glycerol & organic acids of **malt.** [Barley]. 063782
in brewing. 3. Direct use of lactic **acid malt** 063717
content in brewing with **unmalted adjuncts.** 063310
Continuous brewing. [**Barley, malt**]. 063736
Micro-brewing & its use in **malting barley** d- 063775
on beta-amylase isozymes of **barley malt.** 067153
Biochemistry of **malt kilning.** 063719
Can extract of **malt** be **predicted** from prop- 063718
concerning pulverisation of **malt products.** 063312
Results of **small malting** with new brewing 063309
Quality of grain & **malt** of **winter** barley var- 063689

MALUS

Malus Robusta Rehd. cv. Stecki. 066795

MALVACEAE

on improvement in **Gossypium arboreum** L. 067285
areola Atk. in **Gossypium arboreum** L. [Cot- 069347
to irrigated cotton **(Gossypium hirsutum).** 062531
in Fl progeny of **Gossypium hirsutum** L. [U- 067961
to irrigated cotton **(Gossypium hirsutum).** 072086

MAMMALIA

tract during reproduction in **mammal.** 064552
factor 2 content of **mammalian cells:** assay 064419
induced fusion of **mammalian erythrocytes.** 064302
to **mammals** of new **organophosphorus** comp- 063175
Effects of avian & **mammalian pituitary** pre- 065031
Small mammals can damage young hybrid p- 066144
Acari, Gamasina) from **small mammals** in N- 070635
in one avian & two **mamalian species.** 065597

MAMMARY

Mammary blood flow & changes in circulati- 064379
Lipid biosynthesis in **bovine mammary** cells 064399
action on myometrium & **mammary gland.** 064250
Morphology of **mammary gland.** 064378
of development of **mammary gland** & milk f- 064380
aplasia & hypoplasia of **mammary gland** tis- 065979
of connective tissue of **mammary gland** in c- 065980
in treating disorders of **mammary glands.** [065294
cellular morphology in **mammary tissue** pie- 064426

MAN

Effect of aflatoxin in animals & in **man.** [Fe- 063218
Thiamine. XIV. Requirements of **man.** 063244
Effect of aflatoxin in animals & in **man.** [Fe- 064103
animals, a source of proteins for **man:** What 064147
cells in domestic animals, monkeys & **man.** 064455
as media conveying toxoplasmosis to **men.** 065877
in food chain (soil x plant x animal x **man).** 072584
Dietetics of **man** through **animal** nutrition. 063223
state of Salmonella in **men & animals** of L- 065560
One **man's experience** with drip irrigation. 072362
Escherichia coli in **man & farm** animals. 065438
Man & forest: land improvement aspects of 066225
of PL-3 Lublin virus in sera of **men, horses,** 065570
antibodies in domestic animals & **man** in **Ir-n** 065622
Role of **man** in **origination** & limitation of e- 069887
of uvea & retina in **man, primates** & ox. 064338
from natural & **man** made **sources.** 072536
Man vs. Virus. [Corn, tomatoes]. 069674

MANAGEMENT

earnings by improvement of **management.** 1 062313
as an aid in cotton enterprise. [**Management**] 062344
summary, Cortland County. [**Management**]. 062403
farm business summary, 1972. [**Management**] 062406
farm business summary, 1972. [**Management**] 062407
farm business summary, 1972. [**Management**] 062408
farm business summary, 1972. [**Management**] 062409
farm business summary 1972. [**Management** 062412
agricultural operations. [**Management**]. 062446
District, Taldy-Kurgan Region. [**Manageme-t**] 062454
of quality control to **management.** [Dairy in- 063072
Meaning of quality control for **management.** 063149
on Westland Rimu forests. [**Management**]. 066267
condition from 3-step data. [**Management**]. 068849
Condiment plant culture & **management.** 1. 069200
in vegetables. function of **management.** 070036
on their fertility & **management.** 071911
for watershed planning & **management;** com- 072468
St. Lawrence, Jefferson. [**Management**]. 062410
Accounting/administrative consultant. 062316
Effect of **administration** of **adrenalin** on im- 064425
Specialized **management advisory** service-- 067157
relating to **management** of South **African** gr- 068828
peat land: Hydro-**agricultural management** of 068994
an economy in **management** with **aim** of pro- 066385
structure must **allow management** by all. 062429
Ampicillin administered to calves & baby pi- 065633
of a seminar on labour **management, August** 062393
Beef: feeding & **management** of **beef** female 064648
Management of non-**burnt** heaps of hard coal 066136
Soil & **bush management** studies on goosebe- 068975
frozen foods: retail **case management.** 062693
production after **combined administration** of 065435
FREPAS). [Range **management, computer** p- 066303
guide to information **concerning management.** 066184
hidden, rot, & **management considerations.** 069274
Accounting/**administrative consultant.** 062316
to industrial-like **cow management.** 064603
Managing cross-bred animals. [Dairy cattle] 064155
moisture regimes, **cutting management** & ph- 068730
of Overseas **Development Administration.** [062298
FDA [Food & **Drug Administration**] launch- 063080
Sanitation & Food & **Drug Administration.** 063119
Experience with mass **drug administration** as 070655
sensing as an aid to **management** of **earth** re- 072488

Management education also for agriculture? 062304
in forest need **efficient management.** 066218
Role of planning & **management** on **family** f- 062303
in advisory service for **farm management.** 062315
specialists. [**Farm management**]. 062337
Farm management review. 062384
What is included in **farm management.** 062392
accounting system of **administration** of **farm** 062400
stall: bank of farmer. [**Farm management**]. 062401
Farm management problems of rural settle- 062445
credit from view point of **farm management.** 062475
oil/gas & feed. [Poultry **farm management**]. 062494
Managing farmer cooperatives. 062329
Management of a **fattening** swine farm. 062452
Interrelation between **forest management** & 066177
processing equipment in **forest management** 066179
of Nigeria on aspects of **forest management** 066195
Effect of **forest management** on landscape of 066216
a function-system in **forest management.** 066222
improvement aspects of **forest management.** 066225
Management of **forest** strips in Volga region 066233
Contribution of **forest managers** of Kazakhs- 066243
Forest management in Transcausasia. 066244
Functions of **forest management.** 066249
forest economics, & **management** of **forest** o- 066255
of timber & effect of **forest management** pra- 066544
character of **forestry management** in Japan 066206
for development & **management** of **forests** s- 066276
of herbicides in modern **fruit management.** 070007
after **administration** of **gonadotrophin**-releas- 064350
Studies on grazing & **grassland management** 064709
Studies on grazing & **grassland management** 064710
Grassland management under conditions of 064866
Studies on grazing & **grassland management** 068691
A **group management** scheme for private for- 066298
profiles in dairy **herd management** & also as 064956
Reflections on **improved management.** [Vete- 065267
Improving managerial staff in agriculture. 062195
Ways of **improving management** system of a- 062378
a living with sheep. [**Management, income**] 062453
Cotton **insect management** suggestions. 070363
of a seminar on **labour management,** August 062393
Land management & development in New 062296
Cost center approach to **land management.** 066189
National forest **landscape management.** Vol- 066304
Management of **large**-volume horizontal silos 064056
applicable to **management** of **livestock** wast- 072566
Company for **Management** of **Lower** Rhone 072259
Management of **milking** center wastes. 072509
Modern management of dairy farms. 062450
Nitrogen management, plant population & r- 072154
naphthol or p-**nitrophenol administration.** [070411
Management of **pasture** utilization. 062434
more intensive **pasture management.** 062435
of phosphorus after **peroral administration** of 064590
Tasks for **managing, planning** & implementi- 065661
protection card for **management, planning,** 069785
Nitrogen **management, plant** population & r- 072154
of plant protection in **Populus management** 069812
of recommended **management practices** for 062493
effect of forest **management practices** on wo- 066544
of recommended **management practices** for 068963
Management practices & insecticede poison- 070699
increase due to **precipitation management** for 072424
Farm **management problems** of rural settle- 062445
Some elements on **management, production** 064209
pasture type & **management** on **productivity** 064710
Federation] supply **management proposal.** 067575
Federation] supply **management proposed** p- 062878
Principles of water **quality management.** 5. 072514
system (FREPAS). [**Range management,** c- 066303
data on control & **management** of **rearing** n- 062451
Economics of **recommended management** pr- 062493
of nutrition & **management** on **reproduction** 065082
times for foresters. [**Resources management**] 066266
physical planning for **resources management** 072518
Farm **management review.** 062384
Administration of **Rompun** to reindeer. [Vet- 065350
Management of **routing** & scheduling compa- 062696
Reclamation & **management** of **salt**-affected 072256
A group **management scheme** for private for- 066298
organization & **administration** of **scientific** r- 062363
Form of radioactive **selenium administered** in 064293
Slop management for establishing orchards. 072294
Management of a **small** southwest Arkansas 066191
farm cooperation & **socialist management** to 062345
Effects of **soil management** & NPK [Nitrog- 068974
Effects of **soil management** on numbers of r- 069768
Soil management in autumn. 072287
Working day of **administrators** & **specialists** 062337
Specialized management advisory service-- 067157
Improving **managerial staff** in agriculture. 062195
Management of **stands** determined for seed 066375
Management of **stored** food & seed potatoes 063897
Stubble management. 072258
Soil & bush **management studies** on goosebe- 068975
Effect of a **sudden administration** of NPN c- 064633
Cotton insect **management suggestions.** 070363
of **administering sulfachlopyrazine** for contr- 065820
Producers Federation] **supply management** 062878
Producers Federation] **supply management** 067575
beech 1971. [**Fagus sylvatica, management**]. 066226
Ways of improving **management system** of a- 062378
Dairy waste **management systems.** 072554
sewage disposal: **administrative & technical** 072514
maintenance & **managing techniques** for pas- 068620
Long **term management** of animal manures. 072103
cattle production & **management** in **tropics.** 065002
Dairy **waste management** systems. 072554
Solid **waste management** in wholesale food 072557
Methods of brewery **waste management.** 072564
Animal **waste management** in Hawaii. 072619
Water management in fermentation & food 063412
Water management for shoreline erosion co- 072282
Institut of **Water Management** at State Col- 072440
of melting snow. [**Water management**]. 072460
of Thailand on **watershed management.** 066090
Clearing ahead. [**Watershed management**]. 066121
Management of **wood** stock supply in lumber 066478
Management of **young** orchards up to six ye- 068928

MANDARINS

New techniques in **mandarin oragne** growing 068979
of technical development of **mandarin orange** 068922
between tree shapes of **mandarin orange** & 068981
fruit size & quality of **mandarin oranges.** 068216
loss during curing of **Satsuma mandarin.** 063970

MANDUCA

in tobacco **hornworm, Manduca** sexta. 070916

MANEB

blight on field grown tomatoes using **maneb.** 069450
potato blight with **maneb** in **combination** wi- 069448

MANGANESE

contents of Fe [iron], Mn [**Manganese**] & 068313
citrus. VI. Some factors **affecting manganese** 069831
on iron & **manganese availability** in dune sl- 067637
forms of potassium & **manganese-containing** 071980
mechanism of **manganese** in **culture** solution 071811
Manganese deficeiency of sugar beet in org- 069884
of copper, zinc & **manganese** in **food**-stuffs. 063210
of microorganisms in **forming manganese**-ir- 071734
Manganese in **irrigated** soils of Andizhan R- 071720
distribution & variation of **mobile manganese** 071841
enumeration of **manganese oxidizing** & redu- 071908
Manganese status of some Fraser Valley soi- 071763
Manganese studies in some soils with a high 071862
Manganese toxicity in greenhouse lettuce. 069865
Manganese & zinc absorption with octylphe- 067923

MANGE

Effective drug for control of **sheep mange.** 065781

MANGOES

Control of **mango fruit** insect pest. [Dacus 070505
Immature stages of **mango fruit** weevil, Ster- 070993
bibliography on **mango propagation,** 1965--1 068966
Green). I. Distribution on **mango trees.** 070519
dielectric breakdown strength of **mango wo-d.** 066485

MANGROVES

Inland mangroves & water chemistry, Barb- 066861

MANIHOT

threatens Cassava (**Manihot esculenta** Cran- 070378
of cassava root-tuber (**Manihot utilissima** P- 068392

MANNANS

purification of a **mannan**-like **polysaccharide** 070893

MANNITOL

glucose on conversion of **mannitol & arabitol** 067667

MANOMETRY

Investigation, by **manometric method** of aut- 063438

MANTEIDAE

Insects of **Micronesia, Mantodea.** 071139

MANTODEA

SEE MANTEIDAE

MANUAL

by using a **manual refractometer.** 063600
Training manual: Special Summer Food Ser- 063015

MANUFACTURE

Modern particle **board manufacturing** from 066439
of flours in view of **bread manufacture.** 063784
is tradafarm? [Farm **building manufacturers**] 071440
processes of **champagne manufacture.** 064028
in United Kingdom. [**Cheese manufacture**]. 063557
Caramel--2. **Manufacture, composition** & pr- 063424
incentive for **developing manufacture** of wine 062595
Suitability of fruit for **jam manufacture.** 063900
Industry like **manufacturing methods** in pre- 066537
laquers in **manufacture** of **musical** instrumen- 066433
operation at **manufacture** of **particle** boards 066475
Particleboard manufacturing process uses c- 066569
slope ovens for **manufacture** of **plant** charco- 063302
Particleboard **manufacturing process** uses c- 066569
On processing wine-**manufacture residues.** 064026
Aspects of **manufacturing sausages** for scald- 063591
Problems in **manufacturing semi**-processed f- 063328
raw crystals. [Sugar **manufacture, starches**] 063805
of juice. [Beets, **sugar manufacture**]. 063793
in a frozen state. [**Sugar manufacture**]. 063795
of thick products of beet **sugar manufacture** 063799
of sugar beets. [**Sugar manufacture**]. 063804
seeding of raw crystals. [**Sugar manufacture,** 063805
juice decolorization. [**Sugar manufacture**]. 063867
control in cereals; a **manufacturer's view** of 070029
process for **manufacture** of **white** sugar. 063743
Saccharomyces bayanus. [**Wine manufacture** 064022
On processing **wine-manufacture** residues. 064026
Studies on **manufacturing** of **wood** based ce- 066450
Studies on **manufacturing** of **wood** based ce- 066454

MANURE

A revolution in **manuring:** 1500 tons of fertil- 071516
Handling dairy wastes. [**Manure**]. 071995
Chemical additive for **manure.** 072159
Nardetum strictae, by **manuring & addition** 068872
Salmonella typhimurium in **animal manure** 065380
Long term management of **animal manures.** 072103
Salmonella typhimurium in **animal manure** 072486
of different depth of **manure application** & i- 068903
of different depths of **manure application** on 071964
of different depth of **manure application** & i- 072244
of different depths of **manure application** on 072245
Daily removal of **manure** from **cages** of layi- 071506
treatment system cost $125. [**Calf manure** t- 072508
application of **manure** on **cattle** farms. 062518
Equipment for **conventional manure** removal 071621
Effect of differentiated **manuring, cultivating** 068875
typhimurium in animal **manure disposal** in a 065380
of nitrogen in **farmyard manure.** 072108
Straw mulch & **farmyard manure** for peaches 072213
Influence of **manures & fertilisers** on quality 063744
of determining removal of litter-**free manure** 072226
out of slurry tanks. [**Manures, handling**]. 071974
Manure increases effectiveness of mineral fe- 072235
Solid manure of **liquid manure** from laying 064129
Chiseling **liquid manure:** no odor, no runoff 072055
million tons of swine semi-**liquid manure.** 072516
A receptacle for **livestock manure** & urine. 071479
Maine guidelines for **manure & manure** slud- 072146
behavior in operation of **MIG-2,2 manure** s- 071685
in complex fertilizers & **manure mixes** on b- 071979
Applying peat-**manure mixture** directly to fi- 072217
Physical properties of **manure mixtures** on a 072126
This barn has ten **months' manure** storage. 071460
of commercial fertilizers & **organic manures** 072148
residues of fertilizers & of **organic manuring** 072185
Applying **peat-manure** mixture directly to fi- 072217
Manuring of **potatoes** on fen silt soils in Ho- 072106
Equipment for conventional **manure removal** 071621
of mycobacteriophages in **manure & sewage.** 065348
guidelines for manure & **manure sludge** disp- 072146
Manure & slurry storage. [Tanks, costs]. 062480
in small test quantities. [**Manures, soils**]. 071901
Solid manure of liquid manure from laying 064129
Use of **manure spreaders**--from point of view 071610
in operation of MIG-2,2 **manure spreading** 071685
This barn has ten months' **manure storage.** 071460
leaching during **manuring** with **straw** & appl- 072231
system cost $125. [Calf **manure treatment**]. 072508
fatua) seeds buried in farm **yard manure** & f- 067463

MAPPING

in preparing colored **agroclimatic maps** by c- 062160
a, pine forest. [Pinus resinosa, **canopy map**] 066105
Pest **control chart** for ornamentals in home 070492
Practical utilization of **site mapping.** [Fores- 066215
in correction of large-scale **soil maps.** 071819
Vegetation mapping by photographic interp- 066900
Wetlands mapping in New Jersey. 071859

MARASMIUS

Marasmius [oreades] fairy rings: lawn age 069554
Marasmius-blight fungus. [Ammophila brevil- 069430

MARCHANTIA

bodies in **Marchantia polymorpha** L. 067029

MAREK

chickens showing symptons of **acute marek's** 065557
of turkey herpesvirus & **attenuated Marek's** 065901
of turkey herpes & **Marek's disease** herpes v- 065434
for fowl paralysis (**Marek's disease**). [Avian 065461
Vaccination for **Marek's disease** (fowl paral- 065462
skin lesions associated with **Marek's disease** 065538
Marek's disease vaccines & their application 065640
Fighting Marek's disease. [Avian lymphoma- 065460

MARES

SEE HORSES

MARGARINE

Apolar steroids in **margarine.** 063461
Changes in **margarine & bakery** compound 063458
investigations. [Sausages, **Margarine, lard**]. 063333

MARINE
Marine algae of Smithsonian-Bredin expedit- 066769
of Indian timbers to **marine borer** attack at 066487
of Middle Eocene of **maritime Franco**-Italian 066814
Coleoptera, Curculionidae) on **maritime pine** 070558
hundred years of research on **marine plant** b- 067473
flours & oilseed, milk, & **marine protein** sup- 063127
microorganisms in soil & **recent marine** sed- 071908
Diptera, Tabanidae) in **Maritime Territory.** 071366

MARKERS
glycol as a water-soluble digestion marker in 064416
synthesis as a **marker** for **microbial** protein 064299

MARKETING
perspective. [**Marketing**]. 062654
handling firms in Kentucky. [**Marketing**]. 062716
commerce as factors of **marketing.** [Dairy i- 062723
boards, & role of government in **marketing.** 062764
Establishment of **agricultural marketing** boa- 062611
State trading, **agricultural marketing** boards 062764
Marketing & agricultural development. 062784
System approach & **agricultural marketing** in 062786
Evaluation of **agricultural marketing** systems 062787
Bibliography on "**Agricultural marketing** in 062792
of agricultural **marketing boards** for price st- 062611
State trading, agricultural **marketing boards** 062764
Marketing of Canadian wheat: a description 062735
prroducts. 24. **Marketing competition.** 062612
in Indonesia. [**Consumption, marketing**]. 062713
Production, utilization & **marketing** of **cott-n** 062737
Marketing of dairy products in Quebec offe- 062759
Marketing dairy products. 062760
set aside, acreage **diversion, marketing** quot- 063013
Timber distribution & **marketing facilities** in 066442
Fertilizer marketing. 072051
Fish marketing systems & their development 062790
checkout--& update. [Retail **marketing, food** 062692
company trucks. [**Food marketing**]. 062696
logistics--inner city. [**Food, marketing**]. 062697
of turnover. [Retain **marketing, food**]. 062704
Drug Administration. [**Food marketing**]. 063119
A least-cost model for **marketing fresh** appl- 062782
results of **marketing** in **individual** branches 062653
Cooperation in **marketing--institutional** prob- 062609
food production & **marketing issues.** 062699
participation in **livestock marketing** progra- 062906
participation in **livestock marketing** progra- 062907
Modern **meat marketing.** [United States]. 062719
Role of cold in **meat marketing.** 063653
Are beef production & **marketing methods** u- 062715
Production & **marketing** of **Panax** roots (gin- 062727
Storage & **marketing** of **potatoes.** 062628
Thoughts on **marketing preserved** wood. 066420
Preselling--a remedy for **marketing problems?** 062629
Evaluation of **marketing procedures** for fresh 062624
Marketing & processing problems in cotton- 062788
Silkworm & silk. [**Marketing, production**]. 062731
World wide **production, marketing** & utilizat- 066469
Economic reform & **marketing** of **products** f- 062687
in livestock **marketing programmes:** situation 062906
in livestock **marketing programmes.** 062907
aside, acreage diversion, **marketing quotas** & 063013
plant production to **marketing reality** of pot- 062820
from consumer viewpoint. [**Retail marketing** 062691
checkout--& update. [**Retail marketing**, food 062692
off-line order entry. [**Retail marketing**]. 062694
scanner-friend or foe? [**Retail marketing**]. 062705
Personality of turnover. [**Retain marketing,** 062704
Marketing, slaughtering & handling of lives- 062680
of egg production & **marketing structures.** 2 062620
Evaluation of agricultural **marketing systems** 062787
Fish **marketing systems** & their development 062790
processing & **marketing** of **vegetables** & frui- 062712
Suggestions for **marketing** of **windfall** wood 066445

MARKETS
Prepare calves for **market;** get added profits 064130
Some words about **market.** [Wood]. 066435
s pork exports face **market adjustments** in 062667
Economi c Community on **agrarian market** 062677
Stabilization of **Agricultural Markets,** animal 062532
Economic Community] **agricultural market-** 062635
research project of Latin **American Market** 062785
of Agricultural **Markets, animal** industry]. 062532
of their properties & **market appraisal** of O- 063420
affecting fresh **market blueberry** demand. 062618
Butter market crisis: Economic but also poli- 062742
Situation of dairy **market cannot** be improv- 062740
German **cheese market** as reflected in mark- 062646
agricultural fiscal policy in **Common Market** 062553
Association] changing to **common market,** s- 062671
Central American **Common Market.** 062717
Profitability of **convenience market** dairy d- 062703
in seeds of Anona **crassiflora Mart.** 067647
Butter **market crisis:** Economic but also poli- 062742
of Pointe-Noire to develop **market crop** cult- 068994
Market crops on peat in tropical countries. 068995
Flavor preferences of **supermarket customers** 062617
Profitability of convenience **market dairy** d- 062703
Situation of **dairy market** cannot be improv- 062740
lands of Pointe-Noire to **develop market** cr- 068994
Incaparina: **market development** of a protein 062772
planning of **market development.** Critical r- 062785
s institutional food **market-developments** & 062774
in United Kingdom **egg market.** 062651
Philippines & otlook of its **export market.** 062711
grain standards & wheat **export market.** 062724
Denmark's pork exports **face market** adjus- 062667
Dutch glasshouse industry **faces market** pro- 062668
France's institutional **food market**-developm- 062774
New Hampshire **forest market** report report 066263
of characteristics affecting **fresh market** blu- 062618
their efforts to penetrate **German market.** 062756
looks at raisin & fresh **grape market.** 062783
Creative merchandising **helps supermarkets** 062758
World **honey market.** 062616
merchandising helps **supermarkets increase** 062758
Land market & economic development; a ca- 062300
problems by **maneuvering market** & prices. 062729
Community] agricultural **market--market** or- 062635
to speak about a common **milk market?** a cr- 062647
Milk market in german Federal Republic. 062770
agricultural market--**market organizations** & 062635
project of Latin American **Market Planning** 062785
in United States. [**Market potential,** produc- 062585
Market for **poultry** industry products in Ge- 062771
Poultry market statistics, 1972; annual su- 062776
Salmonella in **market poultry** & poultry dre- 063159
Notes on world **market prices:** a summary of 066543
glasshouse industry faces **market problems.** 062668
of Wisconsin aspen **pulpwood market.** [Popu- 066443
New Hampshire forest **market report** report 066263
market as reflected in **market research;** state 062646
Critical remarks on **market research** project 062785
changing to common **market, seeking** strong 062671
Forecasting swine **market situation.** 062610
Market for **slaughter** cattle & meat in Ger- 062769
Poultry **market statistics,** 1972; annual su- 062776
Development of demand in **market structure** 062653
Market structure. 062681
Forecasting **swine market** situation. 062610
Tea market of United States. 062730
Notes on **world market** prices: a summary of 066543

MARKINGS
Mass **marking honey** bees for behaviour stu- 071391
A device for **self-marking** of mosquitos. 071073

MARL
forest fertilization with **lime marl** & Thomas 072045

MARROW
Podosphaera leucotricha, **marrow cabbage** p- 069238

MARSHES
of ethylene on stored late-season **"Marsh"** g- 063932
important to wildlife in Gulf **Coast marshes** 067835
on Xanthophyceae of Red **Lake Wetlands,** 066753
agricultural management of **marsh lands** of 068994
Wetlands mapping in New Jersey. 071859
of dormancy in Acer **saccharum Marsh.** 068545
Recovery of **salt marsh** vegetation from succ- 069780

MARSILEA
responses of some species of **Marsilea.** 067550

MASHES
On influence of **mashing** on **viscosity** of wort 063773

MASS
On a **mass appearance** & swarm of Pantala 071344
packaged speciality or **mass consumption** pr- 063892
Mass death of geese caused by Erysipelothr- 065470
Polygonum weyrichi green **mass depending** 067893
Experience with **mass drug** administration as 070655
characteristics of roots & **green mass** of Pol- 067402
Amino acid content of fruit & **green mass** of 068509
diseases on yield & quality of **green mass** & 069706
Enterprises takes part in **improving mass** li- 065053
Mass marking honey bees for behaviour stu- 071391
uptake of nutrients by green **plant mass** of 068063
A simple method for **mass production** of Fa- 065593
in apple orchards. I. **Mass production.** 070466
Tortricidae). 1. Problems of **mass rearing** (c- 070268
On **mass reproduction** of Scolytus kirschi S- 070547
gas chromatographic & **mass spectrometric** 063618
Mass spectrometry of dubinidine & dubinine 067504
magnetic resonance, & **mass spectroscopy** of 066500
Causes of **mass wilting** of melons in Kzyl-O- 069565

MASTITIS
Keep your herd free from **mastitis.** 065517
of therapeutic possibilities of **acute mastitis** 065604
of control measures **against mastitis** in cows 065728
isolated from cases of acute **bovine mastitis** 065612
immersion shortcut to **mastitis control?** [Ca- 065543
Mastitis control in large herds of cattle of 065609
Mastitis in **cows** in relation to industrial-sca- 065695
Prevention of **mastitis** in **cows** in Great Brit- 065786
Mastitis in **female** reindeer. 065821
disease of feet & **gangrenous mastitis** in she- 065687
Prophylaxis of **mastitis, a major** problem of 065752
aureus isolated from cases of **ovine mastitis.** 065613
Diagnosis of **staphylococcic mastitis.** 065758
of milk proteins in **subclinical mastitis.** [Dai- 063480
Studies on treatment of **subclinical mastitis** 065422
Relation of clinical & **subclinical mastitis** to 065583

MATCHING
obtained by various methods of **matching.** [064505

MATERNAL
Role of **maternal adrenal** glands in estrogen 064939
prenatal experience of **maternal calls** in Pek- 064285
piglets effected by **maternal dietary** protein 064371
Drosophila. Iii. A possible **maternal effect.** 070875
Post-fertilization **maternal effects** on sperm 065028
Maternal effects on oleic, linoleic acid cont- 067096
in Fo hybrids & their **maternal forms** in ma- 067361
Maternal metabolism during pregnancy. 064376
oestrogen in foetal & **maternal sheep.** 065019

MATHEMATICS
Mathematical analysis of plant growth. Zea 068108
Mathematical analysis of plant diseases epi- 069886
Mathematical basis of grouping soils togeth- 071847
Ordination: **mathematical elegance** & ecolog- 067643
Mathematical-mechanical relations in meas- 063851
Use of **mathematical methods** in solution of 062324
A **mathematical model** of nitrification proce- 071740
Use of **mathematical models** for analysis of 067349
is forest?--**Mathematical & statistical** aspects 066220
Mathematical statistical methods for planni- 072218

MATING
Mating, blood feeding, & oviposition of Sim- 071072
Clinical knowledge **concerning mating** infect- 065606
component in **courtship** of **Drosophila** mela- 070858
Studies in **flock mating** of sheep. 5. Inciden- 064950
A **mating information** wheel for seasonal he- 065038
American tropics. VIII. **courtship isolation** 070866
lambs relative to variants in **mating & litter** 065150
Report on systematic placing of **mating pla-s.** 064973
Use of morphology & **mating populations** in 069491
On **mating system** of dairy cattle. I. Possibi- 065055
Mating systems & population structure in t- 067165
effects of cholesterol in **mating thalli** of Pyt- 067092

MATRICES
Probing a **membrane matrix** regulating hor- 068449

MATTESIA
development of **Mattesia trogodermae** infect- 070935

MATURITY
to thermal denaturation during **maturation.** 064347
nycto-temperatures during **maturation.** [Gra- 068242
Effects of freezing on **mature apple** fruit tis- 069757
of caryopsis coat in **mature caryospses** of ye- 066940
grass mulch in a **mature coffee** plantation. 070191
histones during **maturation** of **erythrocytes** 064330
ethylene concentration, & **fruit maturity.** 063877
on one year old **matured grapevine.** 069197
of certain physiological **maturity indicators** 063664
Mature judgment based on fact is needed in 063077
On salted **land maturation** & alteration (yel- 063607
between undifferentiated & **mature maize** ch- 068117
New **meat maturing** methods: An advantage 063655
Chromosomal interchange in **mature oocytes** 070968
allata in relation to **ovarian maturation** in s- 070946
electrophoresis during **maturation** of **Passe-** 063994
during germination & **maturation** of **pea** pla- 068347
Physiologic maturity in grain sorghum. 067958
Influence of certain **physiological maturity** i- 063664
as affected by **maturity & processing** time. 063935
delay of onset of lay in **maturing pullets** usi- 064401
acid composition during **maturation** of **seeds** 063396
Juvenile hormone-initiated **sexual maturity** 070853
fauna associated with **maturational stages** of 070980
to structural types of **mature wood.** 066682

MAXILLARY
Sexual dimorphism in **submaxillary gland** of 065026

MAYFLIES
Annual cycle of **mayflies** (Ephemeroptera) in 070760

MAZZARDS
Bacterial canker of **mazzard cherries** in Cr- 069606

MEADOWS
their mixes in **accelerated meadow** develop- 068862
Annual meadow-grass. [Poa annua, taxonomy 066807
watermelon & cucumbers in **meadow-bog** soi- 066919
on soil entomofauna of **bordering meadow** l- 071000
Changes of grass cover of **dry meadows** und- 071987
Estuary meadows & their improvement. 068720
On improving **floodplain meadows** in waste- 068861
nitrogen nutrition of **meadow grasses** with h- 067922
Improving **natural meadows.** [Forage plants] 068884
Utilization of **permanent meadows.** 068811
on microflora of **sierozem-meadow** soil of co- 070151
Relict features in **meadow soils** of Tambov l- 071846
sugar beets grown in Sierozem **meadow soils** 072463

functional characteristics in **steppe-meadows** 066826
Fertilization of **subirrigated meadows** in wes- 072158
works of researchers on **meadows** of **USSR** 066875

MEALS
fed in place of extracted soya **bean meal** on 064633
in casein, extracted soya **bean meal,** horse b- 064635
analysis of fully **cooked meals.** 063092
Degossypolisation of **cottonseed meal.** III. 064688
Fish meal. 063375
Trace metal contents of **fish meal** & of lipid 064068
Organizing production of **grass meal** in volga 064063
Digestibility & nutritive value of **grass meal** 064883
keeping alfalfa for hay & **hay meal.** 064107
in casein, extracted soya bean **meal, horse** b- 064635
Indian meal moth, pest of stored walnuts. [070587
Isolated protein from **linseed meal.** I. Nutrit- 063228
Indian **meal moth,** pest of stored walnuts. [070587
Studies on use of straw **meal pellets** in bull 064859
of express frozen **precooked meals** in relati- 063404
Rapeseed meal versus soybean meal as only 064653
Rapeseed meal & rapeseed for pigs. 064674
Decorticated **safflower meal** as a protein su- 064645
animals. 1. Extracted rape **seed meal** as affe- 064639
pancreas of chicks fed **soybean meal.** 064497
Rapeseed meal versus **soybean meal** as only 064653
amino acids of steers fed **soybean meal,** urea 064742
phosphorus in sorghum grain & **soybean me-l** 064732
in consistence of a type of pig **starter meal** 064630
Studies on use of **straw meal** pellets in bull 064859
amino acids of steers fed soybean **meal, urea** 064742
Rapeseed **meal versus** soybean meal as only 064653

MEALYBUGS
sp. nov. scale & **mealybug resistant.** 066779
against sugarcane **mealybug, Saccharicoccus** 070323

MEASLES
Antigenic vaccination of calves with **measles** 065872

MEAT
Burssel's propositions on price of **meat** for 062743
Hygiene helps keeping quality of **meat.** 3. 063078
Significance of staphylococci in **meats.** 063166
Mycotoxins in **meats.** 063217
date quick freezers & freeze-storage. [**Meat**] 063603
changes during cooling & freezing of **meat.** 063631
determination of tenderness of **meat.** 063637
with special reference to quality of **meat.** 064262
salts in feeding chicks raised for **meat.** 064750
s commitment to AMSA. [**American meat** sc- 063641
Signal Service Award of **American Meat** Sc- 063646
Signal Service Award of **American Meat** Sc- 063647
New look in **meat animals.** 065056
solicitation with **meat** without **antibiotics.** 063132
Transformation process in **Austrian meat** in- 062845
National Live Stock & **Meat Board's** commi- 063641
push enabled Argentina to **boost** 1972 **meat** 062672
Lebedin crosses with bulls of **meat breeds.** 065165
during thermal treatment of **canned meat.** 063667
of nitrosamine issue. [**Carcinogens, meat** pr- 063170
nitrosamine formation. [**Carcinogens, meat** 063171
Freeze-drying of **chicken meat.** 063687
Effects of synthetic **meat components** on gr- 063125
trade influence world red **meat consumption** 062669
of warmed-over flavor in **cooked meats.** 063621
Changes in **meat** during **cooking.** 063643
perishable canned communuted **cured meat.** 063031
of fattened cattle & **meat** in **Czechoslovkia.** 063208
Chemicals in **meat diets** greatly overemphas- 063186
Use of squid in **meat emulsions.** 063629
Growth & **meat formation.** [Cattle, swine]. 064387
A study of containers used for **fresh meat.** 062702
Consumer acceptance: **frozen meat** research 062688
Technical problems of **frozen meats** & frozen 062693
of Leptospira antibodies in **frozen meat.** 063580
for slaughter cattle & **meat** in **German** Fede- 062769
useful & comsumptive value of **hare meat.** 063638
Red **meat industries** diversified in state. [Pe- 062997
process in Austrian **meat industry.** 062845
an industrial data system. [**Meat industry**]. 063586
by rational stockkeeping. [**Meat industry**]. 063588
of standard formulas. [**Meat industry**]. 063590
American animal raising & **meat industry.** 063598
impacts of new technology in **meat industry.** 063601
transport program of state **meat industry.** 063604
Microwave heating for **meat industry.** 063644
Veselin Ristin (1920--1972). [**Meat industry** 063660
American animal raising & **meat industry.** 064142
with special regard to **meat inspection** aspec- 063178
experiences & results. [**Meat inspection**]. 063211
with special regard to **meat inspection** aspec- 065641
Nutritional requirements for **lean meat** type 064822
muscle changes on poultry **meat loaf** propert- 063680
Modern **meat marketing.** [United States]. 062719
Role of cold in **meat marketing.** 063653
New **meat maturing** methods: An advantage 063655
Examination of **meat & meat** products for o- 063135
Smoke spicing of **meats & meat** products. 063592
Examination of **meat & meat** products for o- 070711
Residues of veterinary drugs in **milk, meat** 063029
Modern meat marketing. [United States]. 062719
moisture in intermediate **moisture meat** pro- 063583
of cold treatment of **meat** on **nicotinamide** a- 063635
office for Livestock & **Meats, ONIBEV:** An 062987
effective inhibitors in **meat & organs** of slau- 063179
plasmatic protein content of **meat** of **oxen.** 063596
Labeling & **packaging meat** & poultry produ- 062918
Solid wastes in **meat packing** industry. 072588
A possibility for raising of **meat performance** 064868
postmortem muscle changes on **poultry meat** 063680
dehydrogenase activity. [**Poultry meat**]. 063681
developments in utilization of **poultry meat.** 063686
in production of eggs & **poultry meat.** 064241
Meat processing layout--new construction & 063615
disinfecting means in **meat processing** establ- 063669
aerosol & odor control in **meat processing** p- 072589
Reserves for raising **meat production** in she- 065198
Evaluation of **meat productivity** in cattle by 064257
with regard to their **meat productivity.** 064261
Research of **meat productivity** in pigs with 064262
both sexes, in relation to **meat productivity.** 064263
New quality standards for **meat products.** 063099
Examination of meat & **meat products** for o- 063135
perfringens in relation to **meat products.** [C- 063168
issue. [Carcinogens, **meat products,** contami- 063170
formation. [Carcinogens, **meat products,** con- 063171
in intermediate moisture **meat products.** 063583
Smoke spicing of meats & **meat products.** 063592
Examination of meat & **meat products** for o- 070711
troponin complex. [**Proteins, meat**]. 063640
of an iron supplementation on **meat quality** 064815
Meat rabbit & its production. 064133
Reserves for **raising meat** production in she- 065198
prices, trade influence world **red meat** cons- 062669
Red meat industries diversified in state. [Pe- 062997
Consumer acceptance: frozen **meat research** 062688
educational imperatives. [**Meat research**]. 063642
Slaughter animal & **meat research** in calf: A 063657
Meat ripening in plastic bags. 063585
Prof, dr. R. Grau. [**Meat science**]. 063605
to AMSA. [American **meat science** Associat- 063641
Service Award of American **Meat Science** A- 063646
Service Award of American **Meat Science** A- 063647
Meat Science Distinguished Teaching Award 063648
Meat Science Distinguished Extension-Indu- 063649
Meat Science Distinguished Research Award 063650
Milk & **meat** in **seventies.** 062858
Argentina to boost 1972 **meat shipments.** 062672
kg, according to **meatiness** of **slaughtering** h- 064264
transport program of **state meat** industry. 063604
forming of **meatiness** in **swine** of various bre- 064546
Effects of **synthetic meat** components on gr- 063125
Nutritional requirements for lean **meat type** 064822
Feeding of young breeding hens of **meat type** 064794
calf fattening for producing **white meat.** 064400
Amino acid composition of **meat** of **young** h- 063670

MECHANICS
Forging process in **agricultural mechanics** 1. 071682
myosuroides by **mechanical application** of tri 070064
Mechanical beet harvesting in Federal Rep- 068911
Technique of "**mechanical cold**-cryogenic co- 063941
Influence of **mechanical composition** on soil 071895
Mechanics of **compression** wood response. II 068580
of chemical & **mechanical control** of weeds in 070143
action on **mechanical development** of wheat 063759
Mechanical equipment for post-harvest proc- 071628
Mechanical forest fertilization with lime ma- 072045
A fundamental study on **mechanical handling** 066490
properties. II. **Mechanical impedance** & mo- 071762
Mathematical-mechanical relations in meas- 063851
New **mechanical milking** machines for priva- 071651
Contribution to **mechanical milking.** 1. Labor 071671
Contribution to **mechanical milking.** 2. Tec- 071672
Mechanical-physical properties of poultry e- 064336
chemical composition & **physico-mechanical** 068066
density, & some **mechanical properties** of ju- 063693
Physical & **mechanical properties** of particl- 066451
Studies on **mechanical properties** of reaction 066457
their influence on **mechanical properties** of 066479
physico-**mechanical properties** of fiber-flax f- 068066
Mathematical-**mechanical relations** in meas- 063851
On feasibility of **replacing mechanical** soil ti- 070203
of wood under **mechanical restraint,** influen- 066467
On feasibility of replacing **mechanical soil** ti- 070203
Innovations in science of **mechanical soil** pr- 072327
soil in connection with **mechanical thinning** 068869
Mechanically transmissible viruses from corn 069691

MECHANIZATION
of livestock production. [**Mechanization**]. 071524
activities in Great Britain. [**Mechanization**] 071609
of **mechanization** of **accumulation** & applicat- 062518
Agricultural mechanization using farm own 062442
orientations of **agricultural mechanization.** 071515
Process of **agricultural mechanization** & use 071526
Machines for **mechanizing agricultural** recl- 071590
Mechanised agriculture in prospect. [India] 071563
of degree of **mechanization** in **agriculture.** 071626
tendencies in **mechanized amateur** gardening 071658
tomorrow or **mechanization** in a new **area.** 071458
Mechanization of **beef** cattle rearing. 071580
Collective mechanised farming in U.S.S.R. 062359
Complete mechanization of pig farms. [U.S. 071634
Complex mechanization on improvement cut- 066349
Results of **complex mechanization** in establi- 071463
Complex mechanization of fencing of cultiva- 071559
On machines for **complex mechanization** of 071592
Institute of **Mechanization & Electrification** 071496
of **mechanization** in **establishments** for lives- 071462
study on promotion of **mechanized farming** 062326
Collective **mechanised farming** in U.S.S.R. 062359
Mechanization of **farming** in association with 072346
of combined feeders for **mechanized feeding** 071689
Association on **Mechanisation** of **Field** Expe- 071529
of equipment. [**Forest mechanization**]. 066224
protection & **mechanization** of **foresty.** 066331
Mechanization for **fruit** culture. 1. New tec- 068979
Mechanization for **fruit** culture. 2. Progress 068980
Fully mechanized palletization: rational final 063725
Mechanized harvest & storage of hay. 064106
Effect of **mechanized harvesting** on keeping 063880
Mechanized harvesting of Brussels sprouts. 071555
of feasibility of **mechanized harvesting** & pr- 071674
Mechanisation of **Indian** agriculture. 071564
maintainance in **mechanization** of **livestock** 071630
requirements for **mechanized logging.** 066495
a truck gardner: **mechanization & machines** 071656
Mechanized method of melting & forming S- 063561
Fully **mechanized palletization:** rational final 063725
costs of aids to **mechanize plant** production 071546
Mechanized planting of grass on slopes of d- 071560
directions in **mechanization** of **ploughing** in 071595
equipments for **mechanized processes** in an- 064237
Mechanization of **processing** records of labor 062448
for adaptability to **mechanized processing &** 067246
Mechanization of **repair** & cleaning of drain- 071557
equipment for small **scale mechanization** in 071652
Large-**scale mechanization** for orchards & vi- 071664
Situation & trend in **mechanization** of **small** 071521
Mechanization of **swine** production. 071581
basic requirement for **mechanized tree** shap- 069024
Mechanization in **viticulture.** 071701

MECOPTERA
aspoecki n. sp. (**Mecoptera, Panorpidae**). 071190

MEDICAGO
content of alfalfa (**Medicago sativa** L.) relat- 067897
glutamic dehydrogenase in **Medicago sativa.** 068131

MEDICAL
veterinary **medical association.** II. Progress 065260
Pesticides for **medical entomology.** 070607
Medical microingredients for feedstuffs emp- 065651

MEDICINE
of Veterinary **Medicine--Agricultural** Univer- 065368
Contribution of **beterinary medicine** to envi- 065236
hygiene & veterinary **forensic medicine.** 063213
investigation of **medicinal plants.** Ix. Hydro- 067700
properties of wild, **medicinal plants** of Kara- 069602
problems of veterinary **medicine research** in 065235
cooperation in veterinary **medicine research** 065275
Problematics of **medicine residues** in foods of 063184
respectively Veterinary **Medicine School** at 065310
Prices of **medicine & tariff** for veterinarians 065306
Veterinary **medicine, veterinarian** & veterin- 065260
Animal technicians & **veterinary medicine.** 065230
Actual problems of **veterinary medicine** rese- 065235
Veterinary medicine, veterinarian & veterin- 065260
as seen today. [**Veterinary medicine**]. 065264
tissue-adhesive. [**Veterinary medicine**]. 065266
management. [**Veterinary medicine**]. 065267
of cooperation in **veterinary medicine** resear- 065275
Institute respectively **Veterinary Medicine** 065310
in manure & sewage. [**Veterinary medicine**] 065348
Rompun to reindeer. [**Veterinary medicine**]. 065350
papers on Faculty of **Veterinary Medicine--** 065368
significant for **veterinary medicine.** 065433
by ultrasonics. [**Veterinary medicine**]. 065675
of certain plants. [**Veterinary medicine**]. 065763
on bacteria & spores. [**Veterinary medicine**] 065804
significance in **veterinary medicine.** 066015
produced in Poland) in **veterinary medicine.** 070645
significance in **veterinary medicine.** 070670
bacteriostatic properties of **wild, medicinal** 069602

MEDROXYPROGESTERONE
use of **medroxyprogesterone acetate** as an a- 064932

MEDULLA
of nuclei of vagus nerve in **medulla oblongata.** 064269

MEGACEPHALA
Acantholepis capensis, **Pheidole megacephala**] 070850

MEGACHILE
melanderi Ckll. & **Megachile rotundata** (Fab 070699

MEGALOPTERA
of alderfly, Sialis cornuta (**Megaloptera: Sia-** 071154

MEGASPOROGENESIS
Megasporogenesis & development of embryo 067019

Megasporogenesis & megagametogenesis in 066955

MEIOSIS
Normal & **abnormal meiosis** in a partially 067121
Meiotic cells in situ of Lilium longiflorum as 067046
Significance of **meiotic chromosome** pairing 067093
Meiosis in **potato** species of varying ploidy. 067210
Meiosis in **Spironema** fragrans lindle. 066969
Meiosis in **triploid** Solanum tuberosum L. [066975
U-type exchange in **tulip meiosis.** [Tulipa h- 067099
A herbicide effect in **meiosis** of **Vicia** faba. 069933

MELAMPSORACEAE
by nutrient deficiency. [**Melampsora larici-** 069396
Nutrition of **Melampsora lini** & Puccinia hel- 067459
Melampsora pinitorqua in Ericaceae cutting 069401

MELANCONIACEAE
of fungus **Gloeosporium ampelophagum** (De 067621
Taphrina deformans, **Coryneum biejerinckii]** 069561
Coryneum blight & other diseases on apriot 069460
of cypresses caused by **Coryneum cardinale** 069315
fungi. [**Gloeosporium, Glomerella** cingulata] 069292

MELANCONIALES
imperfect fungi of **order Melanconiales** from 066666

MELANISM
Atmospheric pollution & **industrial melanism.** 070876
Melanism of **Melanargia** galathea L. (Lepid- 070970

MELANOPLUS
Suitability of **Melanoplus differentialis** for e- 070808

MELENGESTROL
Effect of **melengestrol acetate** on rate of ex- 065018

MELIGETHES
Meligethes aeneus. [Rape, pests]. 070364

MELIORATION
Terraces as element of **meliorative condition** 071451
economic contributions of **land melioration.** 062487
repair & automation of **meliorative networks** 071448
Operation of **meliorative systems** on industr- 072374
Operation of **meliorative systems** in Crimean 072377

MELOIDAE
pustulata Thunb. (Coleoptera: **Meloidae**). 071097

MELOIDOGYNE
knot nematode in muskmelon. [**Meloidogyne** 069816
on eggs of **Meloidogyne arenaria.** 069808
Development of **Meloidogyne hapla** in pean- 069874
Effect of **Meloidogyne incognita** acrita on s- 069475
tobacco in Apuliz. [**Meloidogyne incognita**] 069806
of species **Meloidogyne incognita** Chitwood, 069824
Meloidogyne incognita: its effects on tomato 069870
Effect of **Meloidogyne incognita** acrita on s- 069872
Relevance of **Meloidogyne incognita**-infected 069882
root-knot nematode (**Meloidogyne javanica**) 069761

MELOLONTHIDAE
Problem of **Melolonthinae** on **woodlands** of 070548

MELONS
A study on ecology of **melon fly.** [Dacus cu- 070428
Arizona's vegetable & **melon industry:** an ov- 062823
Causes of mass wilting of **melons** in **Kzyl-O-** 069565

MELOPHAGUS
insecticide tests to **control Melophagus** ovin- 070646

MELTING
Defeco-melt-phosflotation process for manuf- 063743
Sharp-**melting fat** fractions from cottonseed 063753
Mechanized method of **melting & forming** S- 063561
Studies on promotion of **melting snow.** [Wa- 072460

MEMBRANES
uptake in relation to **membrane activity** & s- 067393
Induction of a plasma **membrane-bound** Co 067431
Membrane-bound adenosine triphosphatase 068112
of virus envelope with host **cell membrane** 071066
Biogenesis of **chloroplast membranes.** XII. i- 067770
activity in chick **embryo membranous** labyri- 064487
heart mitochondrial **membrane fragments.** 064319
of bovine milk fat **globule membrane** using 064322
properties of external & **internal membranes** 068281
example of de novo **intranuclear membrane** 070911
in chick embryo **membranous labyrinth.** 064487
Lymphocyte membrane particle redistributi- 068322
Probing a **membrane matrix** regulating hor- 068449
c in beef heart **mitochondrial membrane** fra- 064319
studies on membrane & **model membrane** sy- 063677
novo intranuclear **membrane morphogenesis.** 070911
conductivity of vaginal **mucous membrane** of 064584
of alkaline phosphate in **mucuous membrane** 064545
Lymphocyte **membrane particle** redistributi- 068322
cross-bands in **peritrophic membranes** of Di- 070919
Induction of a **plasma membrane**-bound Co 067431
Role of **plasma membrane** & tonoplast aden- 068033
on measured root **membrane potentials** [Bar- 068056
Circular dichroism of a **membrane protein** of 067438
root position on measured **root membrane** p- 068056
Barrier function of **shell membrane** in chick- 065478
Lymphatic network of **synovial membrane** of 064544
on membrane & model **membrane systems.** 063677
Membrane transport of sucrose in plant tiss- 068160
Loss of **membrane transport** ability in leaf c- 068442
for penetration of **vitelline membrane** of hen 065025

MEMORY
In **memoriam:** Joze Kozel. [Veterinarians]. 065314
In **memory** of **Dutch** mycologist Dr. M.b. S- 066596
In **memoriam Jurgen** Tiews. [Veterinarians] 065311
In **memory** of **Oldrich** Sustera. [Entomologi- 071085

MENSURATION
of tree classification. [**Forest mensuration**]. 066256

MENTHA
Germination testing of **Mentha peperita** (pe- 067428

MERCERIZATION
Studies in **mercerization** of **AC**-134 & other 063750

MERCHANDISE
Creative merchandising helps supermarkets 062758
pricing & other **merchandising practices.** 062775
in retail fresh **seafood merchandising.** 062700

MERCURY
of Pyrenophora avenae to **mercury.** [Oats]. 069263
effects on **mercury accumulation,** toxicity, & 070682
Determination of **mercury** in **biological** mat- 066034
Mercuric chloride resistance of Pyrenophora 069262
Effect of spironolactone on **mercury content** 066076
microdetermination of **mercury** in **natural** w- 072567
of Ulocladium atrum to **phenyl-mercury.** [O- 069268
Level of **mercury residues** in horse kidneys 066504
Amounts of **mercury** in **soil** of some golf cou- 071752

MERINOS
SEE SHEEP

MERISTEMS
effects of bilogical milieu of **apical meristem** 068013
from mosaic virus by **apical meristem** culture 069704
of mitomycin-C on root **meristem cells** of Vi- 067275
on mitosis in Vicia faba root-**meristem cells.** 068054
diseases by method of **meristem culture.** 069662
syntheses & mitosis in first **leaf meristem** of 068061
silver reaction in **meristematic root** tip cells 068360
On grafting non-**viral meristems** of potatoes 069060
nuclear proteins of winter **wheat meristems** 067984

MERMITHIDAE
by Hexamermis sp. (Nematoda: **mermithidae** 071033

MESENTERY
from Tremella **mesenterica NRRL** Y-6158. 067475
polysaccharide from **Tremella mesenterica** w- 067476

MESOPHYLL
escape of sugars from **mesophyll cells** into v- 068163
on stomatal & **mesophyll conductances** of b- 068427

MESOSTIGMATA
of phytoseiid mites (Acarina: **Mesostigmata)** 070864
family Phytoseiidae (acarina: **Mesostigmata** 071162
campestris Peters (Acarina: **Mesostigmata:** 071325

MESOZOIC
Clues to **Mesozoic evolution** of Eumastacidae 070753

METABOLISM
Metabolism of [carbon 14]lactate by rat ki- 066050
Amino **acid metabolism** in plants. IV. Kinet- 068296
Investigation of free amino **acid metabolism** 070809
of motile & **metabolic activities** in tissue cul- 064364
seedling vigour & **metabolic activities** in rice 067914
of gamma irradiation on **metabolic activity** of 068144
Prophylaxis **against metabolic** disorders in 065988
Metabolism of **allyl** alcohol in Trichoderma 067663
bacteria regarding their **auxin metabolism.** 067908
Some indices of **blood metabolism** in reinde- 064543
Vitamin A & **bone metabolism** in rat. 064436
Regeneration of **calcium metabolism** in chic- 064592
estradiole upon **carbohydrate metabolism** in 064272
Carbohydrate metabolism in sheep organism 064449
Carbohydrate metabolism in tissues in cases 065998
Carbohydrate metabolism during differentiat- 067424
Carbohydrate metabolism in fungus Dendry- 067730
Photosynthesis & **carbon metabolism** in a ch- 067794
Photosynthetic **carbon metabolism** in isolat- 068114
Metabolism changes with temperature drop 067987
Changes in **metabolism** of **DDT** deposited in 070740
copper in **metabolism** during **different** suppl- 064903
Prophylaxis against **metabolic disorders** in 065988
in trace-**element metabolism** in metal toxicit- 069762
frequency of feeding on **energy metabolism** 064658
by chickens of **metabolizable energy** in relat- 064843
Determination of **metabolic faecal** nitrogen 064247
caprylic acid on **metabolism** of other **fatty** a- 064294
Effect of imidazole on **metabolism** of **fatty** a- 067588
Studies on **metabolism** of **free** amino acids 063971
Biochemical indices of **metabolic functions** of 064531
N-acetyl-D-**glucosamine metabolism** in bovi- 064328
tomato fruits. III. **Metabolism** of **glutamic** 063971
amines on **glycogen metabolism** in nerve-cord 070889
net photosynthesis & **glycolate metabolism** 067415
evvironments on **metabolism & growth.** [Pla- 067604
D effect on some **metabolism indices** in Vicia 069932
Influence of **metabolic inhibitors** & tempera- 063714
effects on iodine & **intermediary metabolism** 064351
of Fusarium solani: causes of **metabolic lag** 067421
dietary copper on growth & **lipid metabolism** 064343
064345
Carbohydrate & **lipid metabolism** of growing 064386
on glycosaminoglycan & **lipid metabolism** in 064395
of feed intake on **lipid metabolism** of rats. 064786
Lipid metabolism in dehydrating peanut ker- 068101
Maternal metabolism during pregnancy. 064376
Metabolism of **methylamine** in tea plant (T- 067441
Mineral metabolism & egg formation. [Poul- 064392
of nutrients & protein-**mineral metabolism** in 064884
Metabolism of **monuron** in excised leaves of 070230
Nitrogen metabolism of green plants. I. Rev- 067572
Nitrogen metabolism of green plants. II. Ef- 067573
certain features of **nitrogen metabolism** in 068169
Water & **nitrogen metabolism** of apple tree 068383
products & **nitrogen metabolism** in expandi- 068454
certain features of **nitrogen metabolism** in 068486
Nucleotide metabolism during pine pollen g- 068578
on respiration & **metabolism** of **organic** acids 068500
on calcium & **phosphorus metabolism.** I. Uti- 064292
Carbohydrate-**phosphorus metabolism** in cow 064541
Phosphorus metabolism of plants in connect- 068333
Nitrogen & **phosphorus metabolism** of Helm- 069423
Phosphorus metabolism of plants in connect- 069789
Diamines in **plant metabolism** under conditi- 068487
on **postphotosynthetic metabolism** of c14-ass- 068346
Use of **metabolic profiles** in dairy herd man- 064956
Energy & **protein metabolism** of pigs growi- 064287
Carbohydrate-, fat-, **protein metabolism** & e- 064391
biochemical indices of **protein metabolism** in 064452
Ribonucleic acid & **protein metabolism** in r- 064937
accumulation, toxicity, & **metabolic rate** in 070682
On **regional metabolism** of beef heart ventri- 064253
Metabolic regulation in senescing tobacco l- 068115
Metabolic regulation in senescing tobacco l- 068116
pea stem tissue. II. **Metabolic requirements** 068441
Metabolic reserves of larvae & pupae of ang- 070884
algicide doses upon **routine metabolism** of c- 070680
physiology & **metabolism** of **Saccharomyces** 064022
Specific features of **metabolism** in **semen** of 065090
accumulation upon **metabolic shifts** caused 067891
On **metabolism** of **sucrose** by a cow fed prot- 064503
Stimulatory effect of non-**metabolized sugar** 067667
Connective **tissue metabolism** in swine. . IV. 064372
Zinc in **toxin metabolism** of Fusarium oxys- 069350
Water metabolism of plants under conditions 067404
Response of **metabolism** to low **water** potent- 067763
Role of fruits in **water metabolism** of peach 068379
On **water metabolism** of apple trees relative 068384
of chloroplasts & **metabolism** of **winter** whe- 067985
On **metabolism** in **young** swine obtained by 064505

METABOLITES
re-arrangement of an **animal metabolite** of 070722
certain endocrine factors & **blood metabolite** 064413
incorporation into leaf **disc metabolites.** 068115
of herbicides & their **metabolites** in **food** pr- 070743
leaf. II. Changes in **glycolytic metabolite** le- 068116
Thiamin deficiency: liver **metabolite levels** 063254
cell volume & plasma **metabolite levels** in p- 064965
of purpuride, a **metabolite** of **Penicillium** pu- 067538
Water-**soluble metabolites** & their role in pl- 068538
Production of **volatile metabolites** by species 067460

METALS
superoxide dismutase: effects of **metals.** 064422
charcoal) on some properties of **metals.** 071682
on anthocyanidin types & **metals** in **blue** fl- 067679
Metal catalyzed lipid oxidation. [Food]. 063471
Effect of **metal cations** on swelling & gelatin- 063814
Corrosion of **metals** in **contact** with pressure 066513
Trace **metal contents** of fish meal & of lipid 064068
of organic matter & **metal elements** in two 066857
Heavy metals in food plants & forage plants 063067
Measurement of toxic **heavy metals** by neut- 066049
Heavy metals in food plants & forage plants 072511
Effect of **metal ions** on color of strawberry 063952
Uptake of **metal ions** by lichens: a modified 067731
Active ventilation of **metal silo** cells. 071476
Degradation of lignin with **metallic sodium** 066491
trace-element metabolism in **metal toxicities** 069762
Determination of **metallic traces** in oils by 063434

METAMORPHOSIS
of Pieris brassicae L. during **metamorphosis;** 070503
analogues on **metamorphosis** of **beetles** Trog- 070774

METAPHASE
giemsa staining of **metaphase chromosomes** 066966

METAPHOSPHATES
Effect of **potassium metaphosphate** on grow- 068603

METARRHIZIUM
fungus **Metarrhizium anisopliae** (Metch.) S- 067694

METATHORACIC
capacities of **dorsal metathoracic** (haltere) d- 071069
in coordination of some **metathoracic flight** 070901

METEOROLOGY
data for year 1970 of **altitude meteorological** 062161
Meteorological bases of irrigation of maize. 072398
Forest meteorology in seventies. 066079
Station; **meteorological observations** 1942-- 072571

METERS
punching counter & **metering dispenser.** [H- 069951

METHANE
during storage of **ethyl methanesulphonate**-t- 063714
mutations induced by **ethyl methanesulfonate** 067341
methods on effect of **isopropyl methane** sulf- 067081
with mutagenic **methyl methanesulphonate** 067913

METHIONINE
with increasing amounts of **DL-methionine** 064624
of crude protein, lysine & **methionine levels** 067879
Methionine supplementation of soy milk to 063758
Effect of **methionine supplementation** of pro- 064904

METHODOLOGY
hydrogenation of linolenic acid as a **method** 063857
test in rat according to Klotz's **method.** [Bl- 064304
in relation to harvesting dates & **methods.** 068708
Accelerated method of quantitative determi- 065340
methods of their **accomplishment.** 062973
of semimicro kjeldahl **method according** to 063765
An **alternative method** of combining different 065107
Six **alternative methods** to blocking for field 066584
New **methods** of **analysis** of feed products. 064074
Method of **analyzing** effectiveness of fertiliz- 072214
in oil palm. I. **Methods** of **application** & ty- 067566
of water quality & **method** of **application** on 068250
Effects of patulin & **method** of **application** 069246
Methods & **application** dates for Linuron on 070149
in oil palm. I. **Methods** of **application** & ty- 072021
of fertilizers & their **methods** of **application** 072084
Appraisal methods for carcass composition of 064518
Some theoretical & **methodical aspects** of tr- 071541
content of mammalian cells: **assay method** 064419
d-amino acid oxidases. [**Assay methods,** soil 067545
A **biological method** of determining fluorine 069913
of varied production-**boosting methods** exam- 064781
Breeding methods & herd book keeping in c- 064987
A new **method** of **breeding** Witloof chicory. 067079
Objectives & **methods** of **breeding** fruit & b- 067234
Methods of **breeding** seedless grapes. 067238
Methods of **breeding** fruit & vegetable crops 067252
Method of **breeding** spring wheat for disease 067261
of alterations in plant **breeding methods.** 067335
problems of Triticale **breeding methods.** 067336
Methods of **breeding** of Collembola for labo- 070996
Methods of **brewery** waste management. 072564
simultaneous application of **budding method.** 069084
On **method** of **calculating** interaction of gro- 066164
Importance of choice of **method** in **carrying** 071958
A **centrifuge method** for determining live we- 070817
Methods of **cercosporiosis** control in bananas 069329
On **certain methodological** problems on clas- 062364
Certain methods of desalting syrups designed 063790
Evaluation of two **methods** for **collection** of 063713
copper-dithiocarbamate **colorimetric method** 063349
by extractive-**colorimetric method.** 071895
Combined method of controlling Phylloxera. 070521
A **method** of **combining** photo & field sampl- 066196
V. Heating effect of **combustion method** usi- 069827
Computational methods in study of plant di- 066709
shortcomings & **methods** of their **control.** [L- 065196
Control methods of leaf-curl of peach trees, 069561
on tomato yield & some **methods** of **control** 069870
A new **method** to **control** damages of Neodi- 070536
Comparison of **methods** in **controlling** Nard- 070217
Muscle quality, **cooking method** & aging vs. 063627
substances by **method** of **critical** test in she- 065754
trees relative to dates & **methods** of **crown** f- 068377
Cultural methods for Sorghum vulgare suda- 068859
New **methods** of **culture** application in dairy 063541
Culture method for Pleurotus florida FovoSe 068957
Direct **curcumin method** for determination of 067773
A **method** of **data** processing for food-consu- 063271
Methods to **detect** extent of starch enzymol- 063695
Methods to **detect** heat in cattle. 065135
study of serological **detection methods.** [Sta- 063054
A new **method** for **detection** & enumeration 071908
Methods for **determination** of pasture yield 062415
Methods for **determination** of humidity rate 063726
study of **methods** of **determination** of water 063784
on basis of a **methodical determination** of ra- 068147
A **method** for **determination** of accuracy of 069451
Methods to **determine** solidity & dry matter 063893
Problems on **methodology** of **determining** op- 062370
Method for **determining** fat distribution in 063530
Method for **determining** content of nitrites 064042
A **method** of **determining** resistance against 068170
Method of **determining** residual amount of 070743
Methods of **determining** frability of fertilizer 072132
as a **method** in **development** of Colombian a- 068374
A new **method** of **diagnosing** nutrition of pl- 067678
Comparison of **different methods** of extracti- 063113
Comparative value of **different methods** of e- 064984
XXIII. Influence of **different methods** on fr- 067390
Study on **different methods** of implantation 068822
Effect of **different methods** & depths of plow- 072251
of correlation between **different methods** of 072497
Methods of **differentiation** between virulent 065718
Disinfecting methods & automatic spraying 065403
preservation by sap-**displacement method.** 066488
Effect of tobacco crop **disposal methods** & s- 069761
dichlorophenol by **method** of **dissociative** ex- 070733
Effective **dry methods** of separating thermop- 066553
Effect of **methods** of **drying** on fine structure 063693
A **method** for **early** detection of irradiated p- 068349
Methods for **efficient** utilization of fertilizers 072071
Reciprocal averaging: an **eigenvector method** 066856
zeolites by gel-agar **electrophoresis method.** 071875
simple & rapid zone **electrophoretic method** 069607
content. Investigating **enriching methods.** [067900
A new **method** for **establishing** a permanent 070861
productivity & its **estimation methodology** in 066235
Methods of **estimation** of productivity of so- 066840
Methods of **evaluating** strawberry plants as 069312
New **methods** for **evaluation** & analysis of s- 063408
production-boosting **methods examplified** by 064781
Express-method & instruments for diagnosis 067582
Laboratory **express method** of studying bio- 071923
A **method** for **extracting** intact chloroplast 067439
in rice blast disease by **method** of **factor** ana- 069462
Comparison of varieties, **fallow methods,** & 068646
Fog & **fan method** for greenhouse cooling. 071469
between genotype & **fattening methods** of b- 064872
New **feeding methods** for dairy cattle. 064602
effect of feed composition & **feeding method** 064767
Methods of **feeding** relating to renewed inte- 064793
Aseptic processing & **filling methods.** [Milk] 063502
as determined by use of rinse **filter method** 063128
A continuous **flow method** for studying adso- 070679
shelter, level of feeding, & **method** of **forage** 064965
of application of germ-**free method** of pig re- 064163
I. Problems, goals, **general methodic** princip- 064500
Simple **germination methods** for rice seed. 2 068615
Glasshouse method for screening seedlings of 069560
duct & an application of **method** in in **hosts** 065544
Culture media & **identification methods** of C- 063069
Media & **identification methods** for Clostrid- 063143
A **method** for **illustrating** pedigrees of small 067132
IBR) virus by **immunofluorrscent method.** 065689
horses for riding: **Methods** of **improve** ment 065200
A considerably **improved method** for prepar- 066945
varieties of potatoes & **improved methods** of 069070
cis-Ural region & **methods** for **improvement** 068704
Industrial methods of milk production. 062388
Stepwise transition to **industrialised methods** 062347
introduction of **industrialised methods** in fie- 068985
Instant method for bacterial count. [Milk]. 063501
Effect of **methods** of **intercropping** maize wi- 068726
during 1963--1967 by **interrated methods.** 070218
An **intravaginal method** for recovery & trans- 064963
culture. I. effects of **irrigating methods** on g- 069038
Methods of **isolation** of Azotobacter bacteri- 071902
acidity of peat-bog soils by **Kappen method** 071814
A simple **kinetic method** to determine amyl- 063325
by means of semimicro **kjeldahl method** acc- 063765
Direct **laboratory method** for diagnosis of h- 068035
Methods for **large**-scale rearing of tobacco 071057
Methods for **leukocyte** cultivation of full bo- 065036
in milk determined by **Lindstrom Method** & 063537
Methods of **maceAting** wood & their evaluat- 066471
A new **method** of **maize** utilization (drying 064083
Investigation, by **manometric method** of aut- 063438
Industry like **manufacturing methods** in pre- 066537
Are beef production & **marketing methods** u- 062715
semen collection by **masturbation method** & 065182
Use of **mathematical methods** in solution of 062324
New meat **maturing methods:** An advantage 063655
determination--a new **method** to **measure** ba- 063544
A new **method** for **measurement** of grain mo- 063749
Method of **measuring** change in relative pre- 071949
Mechanized method of melting & forming S- 063561
from viral diseases by **method** of **meristem** 069662
Presentation of a **microfermentation method** 065650
On **method** of **microorganism** count in raw 063545
Methods of **milking** capability evaluation of 064186
Modern methods of cleaning & disinfection 065277
Modified method for determination of benzi- 063357
A new **modified method** for determination of 070704
in field: A new device for **Muntz method** an 071855
Newer methods of protection against grain 070583
Effect of rates, times & **methods** of **nitrogen** 072075
European Society of **Nuclear Methods** in A- 062198
Schroet. using direct **observation methods.** 069470
in vitro culture, a new **method** for **obtaining** 067334
evaluation of viscosity. I. Non-**oral methods.** 063397
evaluation of viscosity. II. **Oral methods.** [063398
on comparison of some **methods** of **organic** 071797
Modified **Penman method** for potential eva- 072429
farms by using network **planning methods.** 062361
An application of **polarographic method** of 063210
Influence of **pollination method** on high den- 068418
Influence of **pollination methods** on yield & 068573
method an extension of **Porchet method** to 071855
with methoxyfluorane as a **possible method** 065320
Ostertagia ostertagi: a **possible method** of b- 065525
Practical methods for rearing of Phlebotom- 071009
New **preparation methods** for industrialised 068988
Problems, goals, general **methodic principles** 064500
Use of **probe method** in determining coeffici- 071839
On certain **methodological problems** on clas- 062364
Methodological problems of establishing no- 062514
Methodological problems relative to knowle- 072443
Effects of various **processing methods** on free 063875
to industrial **production methods.** 064149
of industrial **production methods** in forestry 066280
transition to industrial **production methods.** 069023
Yam **production methods.** 069162
Principles & **methods** of **prophylaxis** & erad- 065489
of genotypic value: a **proposed method.** [Gra- 067122
Effectiveness of certain **prospective methods** 072264
A **method** for **quantitative** analysis of young 066287
Quantitative methods used for investigation 068005
New **methods** in **raising** & fattening of cattle 064765
Further improvemens to a **rapid method** for 063378
A new **rapid method** for determination water 063839
Rapid method for determining lactic acid in 063866
Rapid method for determining glycerine & 2 064004
Effect of **method** & **rate** of application of c- 072104
Effect of **methods** & **rates** of nitrogen applic- 072082
Effect of **rearing methods** of young lambs, a- 064525
Studies on **rearing method** of dairy cattle in 064712
Biology & **rearing methods** of New Guinea 070873
Development of **methods** for **registration** & 070959
range of application of spray-**saving methods** 070114
Method of **scaling** partial performances (est- 065121
A quantitative, **semiroutine method** for dete- 067474
maxima & partial duration **series methods** of 072428
Contribution to **method** of **several** biand tri- 071874
A **simple method** for controlled introduction 063936
A **simple method** for mass production of Fa- 065593
A **simple method** for determination of comp- 071905
A **simplified method** of milkability tests. [C- 064242
Problems in developing a **single methodology** 062398
d-amino acid oxidases. [Assay **methods, soil** 067545
Effect of **method** of **soil** tillage & fertilizers 068901
d-amino acid oxidases. [Assay **methods, soil** 071764
Effect of **method** of **soil** tillage & fertilizers 071963
A **method** of **spearating** grape must form pu- 064027
A **method** for **specific** concentration, isolati- 071906
Methodology for **Staphylococcus** aureus & C- 063169
amyloclastic & chromogenic **starch methods** 063962
productivity in cattle by **stational method.** 064257
Method of **statistical** processing of data on 067818
Mathematical **statistical methods** for planni- 072218
Significance of **methods** of **stigmatal** & plac- 068283
Methods of **stimulating** collateral circulation 064271
Method studies relating to digestibility trials 064585
Methods of **studying** organic substances of s- 071790
Trends in development of **technical methods** 071622
Methods & **techniques** of appreciation of qu- 063026
yield estimated by simple **testing methods** in 064122
also improvement of **methods** of **testing** & r- 069068
of swine & a **therapeutic method.** 066062
oxidation degree by **thiobarbituric method** u- 063437
properties (basis of **tillage methods).** 071795
soil fertility with various **tillage methods.** 071920
potentiometric **titration methods.** 071934
cocao bean fermentation using **tray method** 063436
of application & after **treatment methods** on 067081
young swine obtained by **various methods** of 064505
Festuca pratensis Huds. by **various methods** 067064
apple trees irrigated by **varying methods.** 068381
Application of a **viscometric method** to study 063764
New cane **washing method.** 063817
Influence of **weaning method** on fertility of 064976
Improving **work method** of communal agricu- 062204
Effective **working methods** for harvesting fo- 071613
Working elements & **working methods** of bu- 072052
application dates & **methods** on **yield** & qual- 072069

METHOXY
Detection of 2-**methoxy**-3,6-**dichlorobenzoic** 070162
Methoxy-12 delta 14-**vincamine,** new isolated 067856

METHYL
in sandy loam, by Du Pont 1410 (S-**methyl** 069758
Systemic action of D-1410, S-**methyl** 1-(dim- 069807
of unsaturated fatty **acid methyl** esters & gl- 063468
of some unsaturated fatty **acid methyl** esters 063469
of some unsaturated fatty **acid methyl** esters 063470
method of autoxidation of linoleic **acid met-yl** 063438
lipase or magnesium **methyl bromide.** [Lard, 063410
usage survey with **chlorfenprop-methyl** for c- 070061
species & varieties for **chlorfenprop-methyl.** 070129
3-**Chloroallyl methyl** sulfide, a product from 069810
of creeping speedwell with **chlorthal-methyl.** 069948
methylparathion (O,O-**di-methyl**-O-(p-nitro- 071416

of o-methyl-0-**methyl**-0-2,2-**dichlorovinyl**-N-d- 070621
of autoxidation of linoleic acid **methyl ester.** 063438
of unsaturated fatty acid **methyl esters** & gl- 063468
of some unsaturated fatty acid **methyl esters** 063469
of some unsaturated fatty acid **methyl esters** 063470
of various organs of rats **given methyl** merc- 066076
Transport of glycine, 3-o-**methyl glucose** & 064397
non-metabolized sugar 3-O-**methyl glucose** 067667
kinetics investigation of **methyl linoleate** by 063865
by pancreatic lipase or **magnesium methyl** b- 063410
various organs of rats given **methyl mercury** 066076
with mutagenic **methyl methanesulphonate** 067913
of toxicity mechanism of o-**methyl**-0-**methyl** 070621
barley seeds treated with **mutagenic methyl** 067913
herbicide for rice S-(2-**methyl**-1-**piperidyl**-ca- 070002
Striazin-2-ylamino)-2-**methyl-propionitrile** (070051
3-Chloroallyl **methyl sulfide,** a product from 069810

METHYLAMINES
Metabolism of **methylamine** in **tea** plant (T- 067441

METHYLATION
lignin by means of **methylation** & **oxidation** 066406

METHYLCELLULOSE
a mediator of **carboxyl-methylcellulose.** [Bo- 065316

METRIC
for genes controlling **metrical characters.** 067167

METRITIS
antibiotics in therapy of **metritis** of **cattle.** 065656

METROSIDEROS
Root rot of ohia (**Metrosideros collina** subsp 069530

MICE
concentrate in five generations of **mice.** [H- 063265
bacteria in a post-weaning mortality of **mice** 065539
DDT-induced chromosomal damage in **mice.** 070708
sera on survival of **mice infected** with Lister- 065513
Purification of **mouse interferon** by affinity 065584
performance in **laboratory mice.** 064566
species of mite from Cape **Pouched Mouse,** 071325
infection (Chagas' disease) in **mice** & **rats.** 065894
sperm dimensions of inbred **mouse strains.** 065028
with Schistosoma mansoni in **swiss mouse** & 065372
of serum alpha-fetoprotein in **mice treated** w- 066006

MICELLE
On distributions of mean **micellar angle** & f- 068554
of fractionated bovine milk **casein micelles** f- 063520

MICROANALYSER
SEE ANALYZERS

MICROBES
of rice: change in **microbial activity** & iron 068122
conditioners, microlfora, & **microbial activity.** 071959
with otitis & cystitis to **antimicrobial agents** 065452
Microbial antagonism in foods. 063056
Use of principles of **anti-microbial** regime in 063155
Microbial phosphilipid synthesis as a marker 064299
composition of rumen's **microbial population** 064625
of rumen's **microbial population** following fe- 064626
soil fumigants on soil **microbial population** in 069634
Microbial production of tenuazonic acid ana- 067416
coumarins as **antimicrobial substances.** 067820

MICROBIOLOGY
Microbiology & **agricultural** engineering. 071456
Microbiological analysis of fully cooked mea- 063092
as affecting results of **microbiological assays** 064634
Microbiological characteristics of mutton fr- 063200
Microbiology & **Food** Group Meeting. 063130
Changes of **microbiological properties** of ex- 063404
of development of **microbiological quality** of 063177
Hygienic & **microbiologic requirements** in ut- 063098
cidermaking: **technology, microbiology** & bi- 063931

MICROCHEMICAL
Microchemical investigation of medicinal pl- 067700

MICROCLIMATE
Interest of **microclimates** in **citrus** planinc 068946
Comparative microclimate measurements on 066147
of various **microclimatic conditions** on behav- 064456
Controlling microclimate in poultry houses. 064201
Evaluating microclimate in battery raising of 064232
hot air heating on **microclimate** of **hen** halls 071442
Contribution to study of **microclimate** in **hen-** 071443
Microclimatic measurements & ecological o- 066833
for evaluation of **microclimate** on **premises** f- 064230

MICROELECTROPHORESIS
membrane using **microelectrophoresis.** 064322
Microelectrophoretic studies of glycoand lip- 064970

MICROELEMENTS
of apple trees in Poland with **microelements** 072182
Microelement additives in treatment applied 069387
of some **microelements** on **electrokinetic** pr- 068343
of herbicides & **microelements** on **growth** on 068498
distribution of **microelements** in **peat** soils. 071915
mobile forms of **microelements** in **soil** after 071804

MICROFLORA
Elimination of **microflora** from **barley** kerne- 069275
Microflora of **barley** pest Oscinella pusilla. 071036
cervical secretion of **microflora** in **cattle.** 065632
decomposition by **microflora** of **desert** soils. 071826
with study of their **internal microflora.** 070961
On **microflora** of **raw** beet sugar. [Bacteria, 063794
of herbicides on **microflora** of **sierozem**-mea- 070151
Influence of liming on **microflora** of **sod**-pod- 072144
carbohydrate utilization by **soil microflora.** 071900
Behaviour of **microflora** of **wheat** related to 063855

MICROGRAPHY
Electron micrography of bud formation in 066987

MICROLEPIDOPTERA
New records of **Microlepidoptera** for **county** 071182

MICROMETER
transformer] **electronic micrometer** for apple 069053

MICRONUTRIENTS
SEE NUTRIENTS

MICROORGANISMS
by electronic count of **microorganisms.** 063145
certain strains of lactic **acid microorganisms** 063565
pine beetle & **associated microorganisms.** [P- 068516
microorganisms & **common microorganisms** 065334
On method of **microorganism count** in raw 063545
Microorganisms in **environment.** 063154
Effect of **epiphyte microorganisms** on ribon- 068007
Role of **microorganisms** in **forming** manganeo- 071734
on dynamics of **microorganism number** in da- 071827
Manganese **reducing microorganisms** in soils 071811
oxidizing & **reducing microorganisms** in soil 071908
genus Bacillus Cohn. **[Soil microorganisms]** 071903
of aerobic bacteria. **[Soil microorganisms].** 071904
of soil aggregates. **[Soil microorganisms].** 071905
number of **microorganisms** in **waterlogged** so- 071731

MICROPEZIDAE
Micropezidae of **California** (Diptera). 071145

MICROPYLES
in epidermis cells & seeds of **micropyle part** 067050

MICROSCALE
Microscale photo interpretation of forest & 062248

MICROSCOPY
Microscopical data on content & distribution 067587
scanning electron **microscope determination** 066806
scanning **electron microscopy.** 063442
Electron-microscopic studies into problems 063632
An **electron microscopic** study of histogenes- 064409
Electron-microscopic studies into problems 065278
Scanning **electron microscopy** of erythrocyt- 065381
Scanning **electron microscopic** features of h- 065392
Electron microscopy of intestinal epithelial 065446
Scanning **electron microscopic** studies of Pa- 065534
Electron microscopic study of a spirochete i- 065618
An **electron microscopic** study of pigeon her- 065903
for scanning **electron microscope** determinat- 066806
pollens with scanning **electron microscopy.** 066933
Scanning **electron microscopy** of silica bodies 066947
artificial substrates--an **electron microscope** 066952
as seen with scanning **electron microscope.** 067046
Light-optical & **electron microscopic** study of 067055
of X-ray microanalyser **electron microscope** 067652
Electron microscopy of cytoplasmatic inclus- 069647
Screen **electron microscopic** study of ticks. 071035
Electron microscopic investigation of nuclear 071404
Scanning electron **microscopic features** of h- 065392
neurophysin. I. Light **microscopic findings** in 064352
iodine quartz **fluorescent microscopy** in Dic- 067016
Electron **microscopic investigation** of nuclear 071404
to bovine neurophysin. I. **Light microscopic** 064352
Interference & **polarization microscopic** stud- 071015
Microscopic structure of longissimus dorsi 064466
Electron-**microscopic studies** into problems 063632
Scanning electron **microscopic studies** of Pa- 065534
polarization **microscopic studies** on cornea of 071015
An electron **microscopic study** of histogenes- 064409
Electron **microscopic study** of a spirochete i- 065618
Microscopic study of blood & smear-prints f- 065873
An electron **microscopic study** of pigeon her- 065903
substrates--an electron **microscope study.** 066952
Light-optical & electron **microscopic study** of 067055
Screen electron **microscopic study** of ticks. 071035

MICROSOME
changes in hepatic **microsomal enzyme** syst- 070684
spectra of **microsomes** from **several** insectici- 070603
system in hog **thyroid microsomes.** 064321

MICROSPHAERA
SEE ERYSIPHACEAE

MICROSPORES
Microspore genesis in Juncus & Luzula. 067002

MICROSPORIDIA
Ringworm due to **Microsporum canis** in cats 065587

MICROSPOROCYTES
SEE SPOROCYTES

MICROSPOROGENESIS
SEE SPOROGENESIS

MICROWAVE
moisture content by use of **microwaves.** 063749
Microwave heating for meat industry. 063644

MIDGE
on silver fir gall **midge, Agevillea** abietis H- 070565
of resistance to gall **midges, Contrinia** inouy- 070542
of taxonomy & ecology of **gall midges** (Dipt- 071122

MIDGUT
On ultrastructure of **midgut epithelia** of fleas 071016
dwelling-tube & **midgut** of **machaerotid** larv- 070927

MIGRANTS
Mobility Facilitator Units for **migrants.** 062210
new culture: A study of **migrants** in **Ankara,** 062216
migration reports, rural-**urban migrants.** I. 1 062224

MIGRATION
Migration of **black** fly larvae (Simuliidae) d- 070948
Experimental studies of **migration** in **bugs** of 070989
residential changes. **[Farmers, migration].** 062211
swine leukocytes. III. **migration inhibition** t- 065442
Intrauterine migration of pig embryos in lit- 064964
Migration of **labelled** phosphorus between P- 068601
its cost. [Rural **population migration].** 062220
a statistical report. **Population-migration** re- 062224
Migration, poverty, & rural South. 062215
Schiff. during **pupation migration** (Lepidopt- 070828
Vertical migration of mineral phosphoric ac- 071817
model of Strongylus **vulgaris migrations** in 065457
Migrations of **weeds.** [Plant ecology]. 066705

MIGRATORY
requirements in crowded **African migratory** 070756
Effects of shading on **migratory behavior** of 070818

MILDEW
proposal for detection of **barley mildew** infe- 069532
On specialization of powdery **mildew causal** 069417
Grades for evaluating grey **mildew caused** by 069347
Inheritance of resistance to **downy mildew** 067277
applied to control of **downy mildew** in grap- 069387
fertilizers on expression of **downy mildew** of 069538
of sugar beet powdery **mildew, Erysiphe** bet- 069468
in vivo with powdery **mildew fungicides.** [S- 069238
Colloidal sulphur in control of **oak mildew.** 069447
napthoquinones against **powdery mildews.** [063157
of several species of **powdery mildew** & cert- 069331
of fungicides for control of **powdery mildew** 069349
Powdery mildew on pomegranates in Azerba- 069419
of causal agent of wheat **powdery mildew** in 069420
Contributions to **powdery mildew** resistance 069441
Powdery mildew on winter wheat & its yiel- 069453
of pea resistance to **powdery mildew.** 069570
A review of **mildew problems** on cucurbit ve- 069541

MILK
Milk: production, disposition, & income, 19 062828
Electronic counting of microcolonies in **milk** 063045
help of computer picture analyzers. **[Milk]** 063500
Instant method for bacterial count. **[Milk].** 063501
Aseptic processing & filling methods. **[Milk]** 063502
of regenerative heat transfer. **[Milk].** 063512
on a reference synthetic peptide. **[Milk].** 063521
phenomena of homogenization. **[Milk].** 063528
to measure bacteriological grade of **milk.** 063544
Study of colloidal phase of **milk:** Organic co- 063572
7 Point formula for more **milk.** 064136
in improvement of hygienic quality of **milk.** 064191
nitrogen balance trials with **milk.** 064246
Ejection of **milk.** 064381
of heredity of proteins in cow's **milk.** 065192
diseases on production & quality of **milk.** [066126
phase of milk: Organic colloids of **milk.** 063572
Assessing **milkability according** to new stan- 064217
Milk allergy. 063251
content of milk with infrared **milk analyzer** 063509
use of udder health. [Infrared **milk analyzer** 063574
Use of infrared **milk analyzer** for determini- 063575
II. Physical changes in **milk** as **assessed** by 065885
Assessing milkability according to new stan- 064217
Crisis in profitability of **Austrian milk** prod- 062544
quality of **milk** in South **Bohemian** region. 063177
weights of fractionated **bovine milk** casein m- 063520
Characterisation of surface of **bovine milk** fat 064322
on yield & composition of **bovine milk.** 064431
That fluid **called milk.** 063523
Canadian Milk Industry Commission a mod- 062722

weights of fractionated bovine **milk casein** m- 063520
assessment of procedures in **milk & cattle** p- 064220
Determining degree of **cleaning milk** utensils 063201
Rationalization of **milk collecting** in Bavaria 062645
possible to speak about a **common milk** ma- 062647
Milk composition. 063515
quality & conservation of **consumer milk** pr- 063329
Are **milk containers** pleasing to consumer? 062718
pesticide residues existing in **cow milk** betw- 063116
Increased trade with **milk & dairy** products 062648
methods of Clostridia. [**Milk, dairy** products 063069
Application of labeling on **milk & dairy** pro- 063070
Technology on **milk & dairy** products. 11. 063481
Technology on **milk & dairy** products. 15. 063482
Fat content in **milk determined** by Lindstr- 063537
Milkability of **Eastern** Red Pied cattle. II. 065170
findings on purification of **milk effluents.** (3 072495
Yearly survey of **milk effluents.** 072496
degree of pollution from **milk effluents.** 072497
Iron absorption from skim **milk enriched** wi- 063227
Biosynthesis of **milk fact.** 064383
of surface of bovine **milk fat** globule membr- 064322
Research of possibility to replace **milk fat,** 064591
losses in calves during **milk fattening.** 064826
Sanitary conditions in twelve **fluid milk** pro- 063128
of mammary gland & **milk formation.** 064380
Milk formation in milk gland of cow. 064473
for baking wheat-, gluten-, egg-, & **milk-free** 063301
long-distance transportation of **fresh milk.** 1 062621
Milk formation in **milk gland** of cow. 064473
Experimental infection of **milk gland** of cows 065474
tests for health evaluation of **milk gland** in 065885
in business policy of **milk handling** cooperat- 062793
Modern **milk handling** in Netherlands. 063508
Staphylococci isolated from **milk** of **healthy** 063199
High milk prices are certain. 062720
Milk hygiene practice in Pakistan. 063188
Results obtained in **increasing milk** product- 064200
Milk for **India.** 062625
on current problems in **milk industry.** 062657
Canadian **Milk Industry** Commission a mod- 062722
Milk industry & E.E.C. [European Economic 062856
for hygiene & technology of **milk industry.** 063142
control--quality protection. [**Milk industry**] 063148
Clean equipment in **milk industry** as import- 063204
Milk industry in Austria. 063539
for hygiene & technology of **milk industry.** 063540
lactose content of **milk** with **infrared** milk a- 063509
as for use of udder health. [**Infrared milk** a- 063574
Use of **infrared milk** analyzer for determini- 063575
Can one have an **intensive milk** production 064685
Private **label milk** for chain stores continues 062642
Effect of sucrose content of **milk** of **lime** on 063816
Retail packaging of **liquid milk.** [Great Brit- 062763
to speak about a common **milk market?** a cr- 062647
Milk market in german Federal Republic. 062770
Differences between actually **measure milk** 064122
Milk & meat in seventies. 062858
Residues of veterinary drugs in **milk, meat** 063029
dairy industry: changes in **milk & milk** prod- 063002
Mycotoxins in **milk & milk** products. 063216
Production effect of **milk mixtures** Interveau 064918
Modern milk handling in Netherlands. 063508
Milk without **motherhood.** [Dairy cattle]. 064464
On infectability from **milk** of **Mycobacteri-m** 063207
needed in N.M.P.F. [**National Milk** Produc- 062878
Implications of NMPF [**National Milk** Pro- 067575
chemical composition of **milk obtained** from 064791
Reconstitution of churned or **'oiled' milk** sa- 063570
of various grain flours & **oilseed, milk,** & m- 063127
Optimizing milk transportation. 062644
dairy product promotion under **milk orders** 062641
Correlations between **milkability parameters** 065170
at time of delivery & for **pasteurized milk.** 063505
You can get more **milk** from **pastures.** [Graz- 064708
Early turnout **pays milk** producer. [Grasses, 064594
between properties of **milk performance &** 065132
"spray" & "Instant" **milk powder.** 063567
as substitute of skim **milk powder** in mixed 064764
estimating deterioration in **powdered milk** p- 063190
High **milk prices** are certain. 062720
Regulatory **milk pricing**--problems & issues 062658
Quality of **milk, problem** no 1 to be faced by 063206
conditions in twelve fluid **milk processing** pl- 063128
Early turnout pays **milk producer.** [Grasses, 064594
Reactions of **milk producers** to Class I base 062622
in N.M.P.F. [National **Milk Producers** Fed- 062878
making most of support for **milk producers** 062947
of NMPF [National **Milk Producers** Federa- 067575
Industrial methods of **milk production.** 062388
in profitability of Austrian **milk production.** 062544
Development of **milk production** & purchasi- 062726
by switching from **milk production?** 062736
State of **milk production** as it pertains to in- 062949
Industrial methods of **milk production.** 063517
obtained in increasing **milk production** on fa- 064200
from industrial type of **milk production** in f- 064221
thyrotropic hormone] & **milk production** in 064353
Milk production from grazed grass. [Cattle] 064595
salts of fatty acids for **milk production.** 3. ef- 064619
system of grazing for **milk production.** 064652
Limited reports on **milk production** & fertili- 064671
Can one have an intensive **milk production** 064685
subclinical mastitis to **milk production** & c- 065583
Can one have an intensive **milk production** 068675
Results of **milk productivity** testing of cows 064185
Energy rating of **milk productivity** of cows. 064233
Comparative study of **milk productivity** of c- 064927
industry: changes in milk **& milk products.** 063002
Use of aroma in **milk products** according to 063147
industry: changes in milk **& milk products.** 063189
deterioration in powdered **milk products.** 063190
Mycotoxins in milk **& milk products.** 063216
conservation of consumer **milk products.** 063329
Milk products with fruit & sugar content. 063504
Use of aroma in **milk products** according to 063547
fruit base materials in sour **milk products.** 063550
producing high quality sour **milk products.** 063553
Recent development of **milk products** in Cz- 063559
Biosynthesis of **milk protein.** 064382
On way to **milk protein** substitutes. [Calves, 064760
Electrophoretic analysis of **milk proteins** in 063480
by lard at dissimilar levels of **milk proteins** 064591
Electrophoretic analysis of **milk proteins** in 065376
Effect of **milk quality** on profitability level 062598
Determining raw **milk quality** by electronic 063145
Raw **milk quality** in area of hard cheese dai- 063151
Improvement in **milk quality** on state & co- 064167
For production of **quality milk,** iII. [Dairy 064846
Study of inhibiting factors in **raw milk** with 063144
Determining **raw milk** quality by electronic 063145
Raw milk quality in area of hard cheese dai- 063151
Bacteriological aspects of **raw milk** in hard 063153
Limit of bacterial count for **raw milk** at time 063505
Study of inhibiting factors in **raw milk** with 063543
method of microorganism count in **raw milk** 063545
Regulatory milk pricing--problems & issues 062658
Research of possibility to **replace milk** fat, 064591
in Artificial pig rearing. [**Milk replacer**]. 064901
Milk replacers. [Feed, calves]. 064084
protein sources in **milk replacers** for early 064908
Application of **milk ring** test in survey of br- 065497
Milk sales in food stores: pricing & other m- 062775
content in fresh & stored **milk samples** mea- 063538
of churned or 'oiled' **milk samples** for instr- 063570
Vasopressin **& milk secretion:** lack of effect 064434
oscillations in rate of **milk secretion** in goats 064442
casein of cow's **milk** on **Sephadex** DEAE A- 063519
properties of Awassi **sheep milk.** 063518
Iron absorption from **skim milk** enriched wi- 063227
Production of **skim milk** with added vitamins 063490
addition of vitamins to **skim milk.** 063531
for recovery of oil & coconut **skim milk.** 063958
concentrate as substitute of **skim milk** powd- 064764
of pigs. Comparison between dry **skim milk** 064908
pasteurized fruit base materials in **sour milk** 063550
of producing high quality **sour milk** products 063553
Methionine supplementation of **soy milk** to 063758
freeze-dried berries & fruits in **special milk** 063552
How to produce & control **sterilized milk.** 063577
Milk storage & product quality. 063140
Fat & protein content in fresh **& stored milk** 063538
fat distribution in **milk substitutes.** 063530
Milk substitutes with different fat content in 064754
Synthesis of **milk sugars.** 064384
On urban **milk supply** in developing countri- 062789
Milk supply to children in northern Norway 063258
injections on weight growth **& milk supply** 064114
A simplified method of **milkability tests.** [C- 064242
of **milk** by means of **thrombelastograph.** 1. 063529
Changes in plasma **& milk tocopherol** levels 064618
Optimizing **milk transportation.** 062644
Tank trucks for **milk transportation.** 071638
in **milk** as well as for use of **udder** health. [063574
protein content of **milk,** as well as in **udder** 063575
On **urban milk** supply in developing countri- 062789
degree of cleaning **milk utensils** & equipment 063201
calves on reduced rations of **whole milk** in 064832
between actually measure **milk yield** & yield 064122
bromo-alpha-ergocryptine on **milk yield** & l- 064433
containing ammonium acetate on **milk yield** 064619
pasture grass & its influence on **milk yield.** 064858
of ruminal contents & on **milk yields** of dai- 064633

MILKING

growth hormone in blood of goat at **milking** 064433
Modern technology of **milking.** [Dairy cattle 071490
prevention of damages from **blind milking.** 071672
Methods of **milking capability** evaluation of 064186
Management of **milking center** wastes. 072509
Milking a cow demands skill. 064193
suggestions for supply of **milking cows** with 064603
indexes for estimation of **milking efficiency** 064178
Milking equipment at 44th SIMA [Internat- 071650
hormone in response to **milking** in **goat** dur- 064432
Stabilization of vacuum in **milking machines** 065239
Testing **milking machines.** 071639
New mechanical **milking machines** for priva- 071651
Contribution to **mechanical milking.** 1. Labor 071671

MILKWEED

acid metabolism in embryo of **milkweed bug** 070809

MILLET

water & fertilizers on **millet & corn.** 068658
sorghumsudan, & pearl **millet hybrids.** 068643
yield, protein & amino acids of **pearl-millet** 068036
Response of **Proso millet** to limited irrigati- 068644

MILLING

Austrian milling industry from point of view 062844
satisfying requirements of **milling & baking** 063741
Evaluation of **milling & baking** quality of sp- 068688
Milling characteristics of foreign & domestic 063774
Effect of a gradual increase of **coarse milled** 064915
On quality of **defatted-milled** rice with n-he- 063722
of protoplasm in view of **determining milling** 063769
is not technical progress in **grain milling.** 063783
Milling & refining of chocolate liquor. 063358
A note on time-motion study in **saw milling** 066481
seventh annual review of **milling season** in 063792
produced on farm with **stationary milling &** 064095

MILLIPEDE

of feeding activity in **millipedes Amblyiulus** 071104
Two new **conotyloid millipedes** from western 071202

MILLS

paid by state grain elevators **& mills** in **first** 062753
Comparative testing of **forage mills** for roug- 064108
Type of grinding of different **laboratory mills.** 063705
About charcoal for **steel mills** & forges. 066540

MINERALOGY

Pablo I. Quantitative **mineralogical analysis** 071892
chemical **& mineralogical characterization** of 071932
Clay mineralogy. III. Comparative mineral- 071931
Micromorphology **& mineralogy** of **Kolkhida** 071873

MINERALS

Mineral absorption process in plants. 067458
I. Feed digestibility **& mineral absorption** in 064307
Mineral additives to feed used for beef cattle 064770
paste of **argillaceous minerals** & soils with a- 072195
Soil organo-**mineral complex** in relation to 070022
Mineral composition of elephantgrass (Penn- 068158
Mineral content of pasture swards in Biesz- 068135
Making up for vitamin-**mineral deficiency** in 065991
Absorption of some **mineral elements** by Ne- 067857
Variations in **mineral elements** content of al- 067897
growth stimulation by **exogenous mineral** ni- 067894
Supplementary **mineral feed** for improving 065112
for higher effectiveness of **mineral fertiliser** 072029
Influence of **mineral fertilization** on nitrogen 068325
year of cultivation **& mineral fertilization.** 069080
Mineral fertilization of grapes. 071989
Optimised plot-related **mineral fertilization** 072031
Mineral fertilization & human health. 072062
Mineral fertilizer sprayers--approved & new 071625
Economic effectiveness of **mineral fertilizers** 062522
of large doses of **mineral fertilizers.** 067869
under influecne of **mineral fertilizers** & diffe- 068185
Influence of several **mineral fertilizers** on c- 068188
of dosage & ratio of **mineral fertilizers** on y- 068196
substances contained in **mineral fertilizers** to 071785
brown forest soils by **mineral fertilizers.** 071975
of dosage & ratio of **mineral fertilizers** on y- 071982
transport & handling of **mineral fertilizers.** 072030
Effective use of **mineral fertilizers** on irrigat- 072070
Liquid **mineral fertilizers.** 072097
Effect of organic & **mineral fertilizers** on co- 072122
properties & efficiency of **mineral fertilizers** 072130
consumption of **mineral fertilizers** in Europ- 072135
planting application of **mineral fertilizers** on 072208
Storage of **mineral fertilizers.** 072234
increases effectiveness of **mineral fertilizers** 072235
Effect of organic & **mineral fertilizers** on pr- 072237
application of organic & **mineral fertilizers.** 072240
Studies on **mineralization & immobilization** 071778
Liquid mineral fertilizers. 072097
Mineral metabolism & egg formation. [Poul- 064392
of nutrients & protein-**mineral metabolism** in 064884
R)--an addition to **modern mineral** supply for 064756
stimulation by exogenous **mineral nitrogen.** 067894
application of rice straw **& mineral nitrogen** 071731
on carbon & **nitrogen mineralisation** of orga- 071777
of blood, in presence of **mineral nitrogen** in 072112
About effect of **mineral nitrogen** on yellow f- 072239
wheats in relation to **mineral nutrition.** 068037
seeds in relation to **mineral nutrition** condit- 068197
tomato fruit quality. I. **Mineral nutrition.** 072169
Mineral oils as carriers for ultra-low-volume 070729
Effect of **mineral & organic** fertilizers on wi- 072065
Soil **organo-mineral** complex in relation to 070022
formes as a result of **mineralization** of **peat.** 071941
Vertical migration of **mineral phosphoric** ac- 071817
Significance of **protein-mineral**-vitamin conc- 064789
digestibility of nutrients **& protein-mineral** 064884
Optimised plot-**related mineral** fertilization 072031
Mineral requirement in lactation. 064700
Mineral requirement of growing animals. 064704
Mineral requirement of warm-blooded horses 064769
Influence of **several mineral** fertilizers on c- 068188
Biological weathering of **silicate minerals;** i- 068581

Direct-seeding onions on **mineral soils.** 069104
of protein-vitamin-**mineral supplement** in sw- 064838
Supplementary mineral feed for improving 065112
Feeding of **mineral supplements** to pregnant 064787
R)--an addition to modern **mineral supply** for 064756
chloride on growth & **mineral uptake** in saff- 068087
Significance of protein-**mineral-vitamin** conc- 064789
Effectiveness of protein-**vitamin-mineral** sup- 064838
Making up for **vitamin-mineral** deficiency in 065991

MINERS
history & habits of a leaf **miner, Cameraria** 070779
Beet **leaf miner**--a potential problem for sug- 070395

MINIATURE
In quest of **miniature amaryllids.** [Australia] 069120
of Sinclair (s-l) **miniature piglets** effected by 064371
as a function of age in miniature swine. 064373

MINING
for black locust on surface-**mined areas** in 066316
Forestry development by a **bauxite mining** c- 066322
of non-burnt heaps of hard **coal mining.** [Af- 066136
to knowledge of fauna of **mining insects** in s- 070281
of terrace land of open-cut **lignite mine.** 071983
Federal regulation of **strip mining.** [Soils]. 062874

MINKS
endogenous urinary nitrogen on **mink.** 064247
formation & iron absorption in **mink.** 064460
of combined vaccination of **minks against** A- 065693
Interest in cross **breeding mink.** 065050
Transmissible **mink encephalopathy:** studies 065510
combination with other fats in **ranch mink.** 064768

MIRABILIS
some properties of **Mirabilis mosaic** virus, a 069681
Welwitschia mirabilis: morphology of seedli- 066941
Welwitschia mirabilis: vascularization of a f- 066942
Welwitschia mirabilis: vascularization of a 066943

MIREX
Use of **mirex** in **control** of imported fire ant. 070258

MIRIDAE
of cocoa-capsids (Hemiptera: **Miridae**) [Sah- 070247
of four new species (Heteroptera: **Miridae**). 071148
in southern Germany **(Hemiptera, Miridae)** 071226
Three **Miridae** from **Spain** (Hemiptera, Het- 071235
Miridae of **Wisconsin** (Hemiptera: Heterop- 071355

MISTLETOE
Canker of **dwarf mistletoe** swellings on west- 069273
Three new host records for **dwarf mistletoes** 070107
A new distribution record for **dwarf mistlet-e** 070182

MISTS
Intermittent mist propagation. [Equipment] 071643
ornamental plant cuttings by **nutrient mist.** 068919

MITE
Mites (Acari, Gamasina) from small mamma- 070635
studies on respiratory rates of **mites** (Acari) 070990
Mites (Acari, Gamasina) from small mamma- 071272
Storage **mites brought** into our country toge- 070584
benoiti, a new species of **mite** from **Cape** Po- 071325
active compounds. [Insects, **mites, control**] 070251
n. (Acari: Psorergatidae), a **cystogenous mite** 070618
Two new species of **mite family** Phytoseiidae 071162
Five new species of **mites** from **family** Tydei- 071367
Studies on **mite fauna** of house dust in Scot- 070567
A plant-**feeding mite** Mononychellus tanajoa 070378
Mites of **genus** Holoparasitus Oudemans, 1 071125
Mites of **genus** Pronematus Canestrini (Acar- 071255
in biological control of **greenhouse mites.** 070457
of Acaridim in controlling **hawthorn mite.** 070298
with histopathologic notes on a **mite-induced** 070618
Injurious mites in grass seed storage. [Acar- 070585
active compounds. **[Insects, mites,** control] 070251
control by home gardeners. **[Insects, mites]** 070434
Fighting raspberry **leaf mites** (Eriophyes gr- 070440
associated with lung **mite lesions** in a rhesus 070623
A plant-feeding **mite Mononychellus** tanajoa 070378
Nasal mites of birds from Louisiana. Vi. New 070617
Effect of European red **mite, Panonychus** u- 070423
Control of insect & **mite pests** of home & ga- 070299
Identification of insect & **mite pests** in field 070408
Control of insect & **mite pests** of field crops 070409
Identification of insect & **mite pests** of alfal- 070410
Mite pests of apple orchards. [Tetranychidae 070489
Control of insect & **mite pests** of tree fruits 070514
Control of insect & **mite pests** of ornamental 070515
Identification of insect & **mite pests** of com- 070516
Control of insect & **mite pests** of commercal 070517
Control of insect & **mite pests** for commerci- 070518
sex determination of **phytoseiid mites** (Acar- 070864
of phytophagous & **predacious mites** on app- 070424
Some **prostigmatid mites** from Mount Poro- 071253
compounds in resistant citrus **red mites.** II. 070421
Effect of European **red mite,** Panonychus u- 070423
to varietal susceptibility to **sheath mite** of s- 070350
A new species of **soil mite** from western Col- 071193
on control of water hyacinth by **spider mites** 070043
oogenesis in non treated **spider mites.** 070301
Resistance of red **spider mite,** Tetranychus 070303
Glasshouse red **spider mite.** [Tetranychus ur- 070435
Spotted **spider mites** [Tetranychus truncatus 070510
phosphorus insecticides of **spider mites** from 070473
Storage mites brought into our country toge- 070584
of biology & control of **strawberry mite** (Ta- 070459
Resistance of red spider **mite, Tetranychus** 070303
Water mites in mantle cavity of freshwater 071089

MITICIDE
concentrations of insecticides & **miticides.** 070300
Using **miticides** in **orchard.** 070512

MITIS
Net photosynthesis of **Cladonia mitis** (Sand. 067560

MITOCHONDRIA
on oxidative phosphorylation in **mitochondr-a** 068593
in beef heart **mitochondrial adenosine** triph- 064423
in Jerusalem-**Artichoke mitochondria.** 068280
activity of Jerusalem-**artichoke mitochondria** 068279
ubiquinone in mung **bean mitochondria:** Pla- 068265
Development of **mitochondrial & contractile** 070920
separation of pea **cotyledon mitochondria** in- 068457
in **mitochondrial & cytoplasmic** fractions of 068348
activities in **mitochondrial electron**-transfer 068461
tomato fruit & its **mitochondrial fraction.** 068437
synthesis in **mitochondria** from **healthy** & B- 068282
cytochrome c in beef **heart mitochondrial** m- 064319
Permeability of **isolated mitochondria** to ox- 064320
of tigroid & **mitochondria** in **motor** neurons 064459
phosphorylation by **plant mitochondria.** [Tu- 068266
membranes from **plant mitochondria.** [Caulif- 068281
Anion transporters in **plant mitochondria.** [068447
Ultrastructure of **root mitochondria** under c- 067045
"Survival" of **mitochondria** in **vitro:** physical 068450

MITOCHONRIA
mitochondria & **submitochondrial particles.** 068279

MITOGENETIC
induced by a **mitogenic/capping** dose of phy- 068322

MITOMYCIN
Effects of **mitomycin-C** on **root** meristem cel- 067275

MITOSIS
Mitotic activity, genome & chromosome var- 067048
of nucleic acid syntheses & **mitosis** in **first** l- 068061
Mitosis in **Harpochytrium.** 067426
Mitotic intragenic recombination as a conse- 067307
Study of **antimitotic properties** of antipyrine 064337
induction of **mitoses** in **storage** tissue of Sol- 068260
Effects of cycloheximide on **mitosis** in **Vicia** 068054

MIXING
grasses & their **mixes** in **accelerated** meadow 068862
slaughter qualities of **mixed breed** swine. [L- 065100
of using peat-vivianite in **mixes & composts** 072189
Betula plants in pure & **mixed cultures.** 068601
with stationary milling & **mixing equipment** 064095
of animal production & **mixed feed** industry 064072
Mixed feed produced on farm with stationa- 064095
in raw grain used in **mixed feed** industry by 064096
of animal production & **mixed feed** industry 064161
of various contents of Calcium in **mixed feed** 064593
More corn, grain & **mixed feed** in livestock 064757
of skim milk powder in **mixed feed** for suckl- 064764
Developing recipes for **feed mixes** for baby 064836
Sieve analysis of **mixed feedstuffs.** 064078
acid as conservation agent of **mixed fodder.** 064076
of raw fat in mixed fodder & **mixed fodder** 064081
cold-cryogenic cold" **mixed freezing.** [Veget- 063941
of centrifugal separators of **grain mixes.** 071698
Increased production of **mixed horse** feed. 064075
A **mixed infection** of infectious coryza & res- 065724
Experimental studies on a **mixed infection** of 065735
in complex fertilizers & **manure mixes** on b- 071979
of soil mositure depletion in a **mixed oak** st- 066328
on development of cove & **mixed oak** stands. 066405
of soil mositure depletion in a **mixed oak** st- 071775
quality in graded & **mixed plantings.** 068491
of Cercospora apii in **mixed populations** of 069484
box-backing experiments based on **rapid-mix** 063694
Mixed respiratory infections. [Poultry]. 065420
Effect of **mixing Rhizobium** japonicum with 072101
spp.) in primary & **mixed-secondary** rainfor- 070640
experiments based on rapid-**mix-test.** 063694
Effects of **mixing time** & emulsifier on yell- 063300

MIXTURES
sulfurdioxide & ozone alone & in **mixtures.** 066089
dithiophosphate, for use alone or in **mixtures** 070002
of soil sterilisation with steam-**air mixtures** 068462
Application of EPTC & **mixtures** with **aresin** 070150
of powdered foods by **azeotrop-mixture** deh- 063336
acetamide & **mixtures** of these **compounds** u- 064637
storage on value of feed **mixtures containing** 064842
Use of a **mixture containing** metoxuron & s- 070062
qualities of sirup & sirup-**crystal mixtures** by 063851
Use of **cyanazine mixtures** for weed control 069990
foods by azeotrop-**mixture dehydration.** 063336
Applying peat-manure **mixture directly** to fi- 072217
for use of some commerical **feed mixtures** for 063286
of vitamin A by hens, their **feed mixture** bei- 064825
Effect of storage on value of **feed mixtures** 064842
of physical properties of **fertilizer mixtures** 072124
Role of **forage mixtures** in initiation of aspe- 065750
Synergic action of certain **fungicide mixtures** 069385
of two sown species of clover-**grass mixtures** 068203
addition of clover **& grass mixtures.** 068872
Effectiveness of **herbicide mixtures** with anti 070177
alone **& in mixtures** with other **herbicides** in 070227
Production effect of milk **mixtures Interveau** 064918
Physical properties of **manure mixtures** on a 072126
Applying peat-**manure mixture** directly to fi- 072217
Production effect of **milk mixtures** Interveau 064918
of grass meal from a vetch-**oat mixture.** 064883
on utilization of **pasture mixtures.** [Grasses] 068874
Mixture of **polystyrenes** & peat; research on 069075
sowing on yiels of hariy vetch-**rye mixtures** 072162
of trietazine & a trietazine/**simazine mixture** 069964
Barley & **spring mixture** with lucerne under- 068826
of "relative sweetness" of **sugar mixtures** wi- 063408
Use of a **mixture** of **trietazine** & linuron for 069962
Grower trials with a **mixture** of **trietazine &** 069965
dry skim milk & forage **yeasts** in **mixtures** c- 064908

MOBILITY
Change of copper **& mobility** & its **access** to 071936
Mobility Facilitator Units for migrants. 062210
of total content & **mobile forms** of microele- 071804
Operation of **mobile maintenance** installatio- 071544
distribution & variation of **mobile manganese** 071841
Mobile molybdenum in Belorussian swamp 071942
Mobility & nitrification of various forms of 071978
Proton mobilities of liquids sorbed on cotton 063824
Formation of **small mobile** stations for surv- 066396
Improving beet cleaners for **mobile storage** 071668

MOBILIZATION
Fat mobilizing lipase in relation to fatness in 064411
Mobilization of **nitrogen** reserves & activity 067894
Mobilisation of **phosphorus** by Pteridium aq- 071871

MODEL
Accounting model--poultry fattening. 062318
Paktia--a **model** of **applied** agricultural deve- 062921
of lignin tar & lignin **model compounds.** 066517
soil organic materials & **model compounds.** I 070231
soil organic materials & **model compounds.** 070232
paraquat by humic acid & **model compounds** 070720
soil organic materials & **model compounds.** I 071956
soil organic materials & **model compounds.** 071957
analyzing tri-factorial **correlation model** of 062817
A least-**cost model** for marketing fresh appl- 062782
A **decision model** for apple harvester selecti- 071648
Kikuchi: **enigk model** of Strongylus vulgaris 065457
of cytokinins. **Model-experiments** with kinet- 067755
testing a micronutrient **fertilization model** u- 072027
of von Bertalanffy's **growth model** for basal 066211
discrete-time, population **growth models.** [F- 066297
Murine fascioliasis: **laboratory model** for de- 065532
communis Grin. II. **Model** of **light** extinction 067751
Hydrocracking of lignin tar & **lignin model** 066517
Use of **mathematical models** for analysis of 067349
A **mathematical model** of nitrification proce- 071740
Nature parks as **modelling measure** for fore- 066173
studies on membrane **& model membrane** sy- 063677
A **model** of an **optimal** plan concerning pulp 066535
manure disposal in a **model oxidation** ditch 065380
Modelling & perfecting organization of labor 062361
Wiedemann, & a **population model** of its rel- 070610
Accounting **model--poultry** fattening. 062318
Punchcard model for processing data on spe- 066893
Milk Industry Commission a **model** for **state.** 062722
A **model** for **ultraviolet** rays stimulation of 068514

MOHAIR
mohair production & **mohair characteristics.** 064562

MOISTURE
dynamics of **moisture** in **active** layer of soils 071918
Soil **moisture available** for plant growth in 071801
amount of **moisture** in them for **certain** tree 068602
Soil temperature & **moisture conditions** in r- 068301
coefficient of **moisture conductivity** of soils. 071839
Equilibrium **moisture content** of hops. 063380
of protective coatings on **moisture content** & 063654
for measurement of grain **moisture content** 063749
of plants with differing **moisture content.** 064101
harvested at various **moisture contents.** 068654
Hay & high-**moisture corn.** 064771
composition on soil **moisture determination** 071895
nitrate to wheat under **different moisture** re- 068044
capacity of plants with **differing moisture** c- 064101
Soil **moisture dynamics** in drained forests. 071825
Equilibrium moisture content of hops. 063380
movement in soil due to a **moisture gradient** 071803
method for measurement of **grain moisture** 063749
Hay & **high-moisture** corn. 064771
wheat in regions of **insufficient moisture** in 068699

fat, & moisture in **intermediate moisture** me- 063583
On movement of **moisture** in **leached** Chern- 071921
Effect of fungi & **moisture** on **locomotory** b- 070573
moisture in intermediate **moisture meat** pro- 063583
Moisture modification shelters for epidemio- 069876
Soil **moisture movement** under temperature 071758
Moisture movement in soil due to a moisture 071803
Peat moisture & level of ground water in irr- 071950
to wheat under different **moisture regimes.** 068044
Potato response to **moisture regimes.** 068406
of berseem under varying **moisture regimes,** 068730
to wheat under different **moisture regimes.** 072102
Mechanical impedance & **moisture retention** 071762
Dynamics of **moisture** in **sandy** soils under 068894
rotation on dynamics of **moisture** in **sandy** s- 068901
of forest shelterbelts on **soil moisture** of adj- 066163
pressure deficit] of leaves & **soil moisture** st- 067397
Effects of **soil moisture** stress on two varieti- 067976
beet under different **soil moisture.** 068331
of fruit trees with varying **soil moisture.** 068378
Effect of **soil moisture** on amount of carboh- 068380
to nutrition conditions & **soil moisture.** 068383
regime of peas with varying **soil moisture** & 068408
in Taiwan. II. Effect of **soil moisture** & che- 069301
Soil moisture movement under temperature 071758
Effects of **soil moisture** stress on two varieti- 071772
Soil moisture available for plant growth in 071801
Soil moisture dynamics in drained forests. 071825
of mechanical composition on **soil moisture** 071895
Moisture space variability of an irrigated so- 071881
deficit] of leaves & soil **moisture stress.** 067397
Effects of **moisture stress** at early heading 067925
Effects of soil **moisture stress** on two varieti- 067976
Growth & **moisture sufficiency** of forest belts 068583
Temperature, moisture & wind-speed in dry- 063973
hybrids harvested at **various moisture** conte- 068654
of berseem under **varying moisture** regimes, 068730
Moisture & volume changes of air dried wo- 066525

MOLASSES
Rheological behavior of **molasses.** 063715
on concentration of non-sugars. [**Molasses**]. 063766
in preliminary treatment of **molasses.** 063772
On content of amino acids in **beet molasses** 063776
for determining lactic acid in **final molasses** 063866
of biuret & urea in **molasses** as **NPN** [nonp- 064853

MOLD
of raffinose by alpha-galactosidase of **mold.** 067660
Prevention of **anther mold** in red clover. [B- 069445
on board making in **cylinder mould** machines 066483
in cellular slime **mould Dictyostelium** discoi- 066990
for growth inhibition of **moulds** in **foods.** 063214
Urea of **mold fungus** Aspergillus oryzae. 067714
Mold that **indicates** plant insanitation--a new 063087
of Botrytis & Cladosporium **leaf mold.** [To- 069458
of phagotrophic slime **mold, Physarum** conf- 067600
Effect of processing on **Salmonella moulds** 063771

MOLECULES
Molecular basis for scent discrimination: re- 071381
in presence of high-**molecular compounds.** [067576
by incoroporation of **fungicide molecule** in l- 069252
horse spleen apoferritin: **molecular weight** of 064314
Molecular weights of fractionated bovine mi- 063520

MOLES
tractor on constructing plastic **mole drain.** 071646

MOLINATE
Effect of time & rate of **molinate** on **growth** 070207

MOLLISIACEAE
Phoma medicagi **nis, Pseudopeziza** trifolii]. 069283

MOLLUSKS
acid analogues. [**Alternaria tenuis**]. 067416
Fusarium culmorum, **Alternaria tenuis,** Pho- 069425
its effect of **Anopheles albimanus** Wiedema- 070610
lactone from Jurinea **alata Cass.** 067542
Pteromalidae). [**Musca domestica vicina**]. 071106
of efficacy of **molluscicides** in **laboratory** tes- 069809
DNA contents in styles of **Nicotiana alata.** 067916
survey of three villages in **Zaria Province.** 2 062212
Arizona's oak chaparral. [**Quercus turbinella**] 066146

MOLT
on determination of **molting characteristics** 071397
glands in spontaneously **moulting hens.** 064402
Regulation of **moulting** in **insects.** 070754
Queuing & **rosette molting** in Automeris 10 070829

MOLYBDATES
Effect of **ammonium molybdate** on yield & 068064

MOLYBDENUM
in bean seeds under action of **molybdenum.** 068318
soil moisture & application of **molybdenum.** 068408
of phosphorus & **molybdenum fertilization** on 071970
Effect of **molybdenum fertilizers** on annual 071984
Mobile molybdenum in Belorussian swamp 071942
with presence of **molybdenum** & **vanadium** 068327

MOMPHIDAE
Momphidae s.l. (Lepidoptera) collected in J- 071304

MONILIA
of cherries. [Blumeriella **jaapi, Monilia** laxa 069446

MONILIACEAE
in ringworm of cattle. [**Trichophyton**]. 065859
areas of TF-130 application. [**Trichophyton**] 065861
grey mildew caused by **Ramularia areola** Atk 069347
cross immunity to **Trichophyton faviforme** & 065857
TF-130. [**Trichophyton, ringworm**]. 065858
orange caused by **Trichothecium roseum** in 069374

MONITORING
Pollution measurements for **monitoring air** in 072612
system for field drainage **monitoring--direct** 072422
Monitoring emissions of municipal garbage 066157

MONKEYS
cells in domestic **animals, monkeys** & man. 064455
microscopic findings in **monkey** & **bovine** tis- 064352
with lung mite lesions in a **rhesus monkey.** 070623

MONOCHAETIA
Cupressus **arizonica, Monochaetia** unicornis, 069518

MONOCULTURES
of crop rotation & **monoculture** on **fertility** 068890
growing of rye in **monoculture** on **properties** 068889
rye grown in **monoculture** on its **yield** & fert- 068617

MONODIET
SEE DIETS

MONOGENETIC
Use of **Marquise monogenic** strains for reve- 069435

MONOGERM
Trend to **breed monogerm** sugar beet. 067282

MONOLAYER
Inoculation of vector **cell monolayers** with 069708
on leaves & on vector **cell monolayers.** 069711

MONOMER
mass spectroscopy of **several monomeric** & d- 066500

MONOMORIUM
of social insects, **especially Monomorium** ph- 070569
of pharaonhant. [**Monomorium pharaonis**]. 070588
Control of **Monomorium pharaonis** in hospi- 070594

MONOMYCIN
elimination of **monomycin** from **fowl** body. 065850

MONOPHOSPHATES
Chemistry of **adenosine monophosphate** site 064317
Chemistry of **adenosine monophosphate** site 064318
of AMP [**adenosine monophosphate**] binding 064365
A 5'-**adenosine monophosphate**-dependent a- 067711
Adenosine 3':5'-**cyclic monophosphate** in Ch- 067710

MONOSODIUM
Effect of nitrogen & **monosodium phosphate** 063809

MONOTERPENES
Monoterpene-fusiform rust relationships in 069488
Linn. 1. Bacuchiol, a **novel monoterpene** ph- 067854

MONOVALENT
SEE VALENCE

MONTANE
Endemism in **montane floras** of Europe. 066696
Sub-**montane forest** reserves in Sadecki Bes- 066117

MONTMORILLONITE
on **Chernozems, montmorillonites** & hydrob- 071877

MONURON
Metabolism of **monuron** in **excised** leaves of 070230
of Chlorella to **monuron** a **herbicide** inhibiti- 070198

MOON
SEE LUNAR

MOONLIGHT
SEE LIGHT

MOOR
with lacustrine muck & **lower moor** peat as 068258

MORACEAE
fungal pathogen of **Broussonetia papyrifera** 069514

MORAIN
Kettle Moraine State Forest, northern unit 066166

MORPHACTIN
Effect of **morphactin** on **cauliflower** curd-fo- 068288
Studies of **morphactin** on **growth** & auxin di- 068246
Comparison of various **morphactin sprays** & 068225

MORPHOGENETIC
during **morphogenesis** of **basidiocarp** of Volv- 067706
Morphogenesis in **cellular** slime mould Dict- 066990
Morphogenesis of **green** buds in gramma-irr- 066936
novo intranuclear **membrane morphogenesis.** 070911
compounds in **morphogenetic phenomena** m- 067413
Morphogenesis of **Polytrichum** formosum le- 066924
Morphogenesis in **Selaginella** [willdenovii]: 067765

MORPHOLOGY
Morphological & anatomical considerations 066799
Pyrus communis. **Morphological, anatomical** 067035
Morphological & anatomical considerations 067043
conditions on **morphological, anatomical** & 067056
in connection with **anatomo-morphological** d- 067041
studies on **morphology & anatomy** of caryop- 066731
Morphology & anatomy of leaves of Bersama 066948
studies on **morphology & anatomy** of caryop- 067001
Morphology & anatomy of rhizomes of some 067051
Investigations on **anatomy, morphology,** & h- 071098
formation & **morphology** of **Astragalus** macr- 067008
Morphological & biochemical characteristics 067007
Characteristics of **morphological-biological** 071411
acid synthesis, & **cellular morphology** in m- 064426
Morphological changes in blood of cattle wi- 065793
potato tubers. I. **Morphological changes** by 068349
Morphological changes during life cycles of 070796
composition & **morphological characteristics** 062781
study of main **morphological characteristics** 065144
study of main **morphological characteristics** 065145
composition & **morphological characteristics** 068204
Morphological characteristics of North-Eur- 070835
analysis of **morphological characters.** 066917
L. genus. I. **Morphological characters** & fert- 067147
Queensland. I. **Morphological & chemical** c- 071742
in Lithuania 3. **Comparative morphologic** in- 066920
Studies in **morphological details** of haris sur- 064310
Morphology & development of a new alga, 067017
Developmental morphology of inflorescnece 066963
Pathological-**morphological diagnosis** of little 065483
studies on **morphological differences** of bron- 064341
with anatomo-**morphological differentiation** 067041
Genetics of **morphological & economically** v- 067209
Morphology of **egg** formation. [Poultry]. 064389
Morphology of an **elevator** & a depressor m- 070902
bromodeoxyuridine on **external morphology** 071045
Dependenance of **morphologic features** of po- 066973
Morphological features of seedlings of some 066983
Fruit morphology & anatomy in Scutellaria, 067000
Problem of **micromorphology & genesis** of l- 071960
Contribution to **morphology** of **genital** organs 071078
Nepticulidae) ;study of **genitalia morphology** 070967
in Taiwan. I. **Morphology & identification.** 070800
Comparative **morphologic investigation.** 066920
Morphology of **larvae** of some xylobiont sta- 071102
Contribution to study of **main morphological** 065144
Contribution to study of **main morphological** 065145
Aphidoidea). 2. **Morphology** of **male** of Mac- 071078
Morphology of **mammary** gland. 064378
Use of **morphology & mating** populations in 069491
Micromorphology & mineralogy of Kolkhida 071873
Morphological mutations obtained in two va- 067191
Pathological-morphological diagnosis of little 065483
Morphological & physiological features of c- 064547
of electrically & **morphologically polar** cary- 067992
Pollen morphology of genera of subtribe H- 066686
Bibliographic index to **pollen morphology** of 067047
Morphology of **post**-embryonic bursa of Fab- 064571
mirabilis: **morphology** of **seedling.** 066941
Soil morphology & soil physical properties. 071762
Morphology of **spore** forms & heteroecism in 066985
in in vitro digestion & **stem morphology.** 064598
biological & **morphological studies.** 070848
Study of **morphology & taxonomy** of Scolyt- 071211
malignant growth & **morphology** of **tumors** 065644
Morphology & vegetation of peat bogs of M- 066889

MORTALITY
F.). I. Constant photoperiods & **mortality.** 070756
Causes of disease & **mortality** of **aging** dogs 065261
in Punjab. 1. Foliar injury & **bud mortality** 069823
Early mortality & survival of self-sown seedl- 067645
hatchability, fertility & **embryonic mortality** 065004
Increased mortality of Swaine jack-pine saw- 070533
practice. [Baby pigs, **mortality, parturition**] 065168
Common trees with ovine **perinatal mortality.** 065414
doses on blood picture & **mortality** of **rats.** 066028
bacteria in a post-**weaning mortality** of mice 065539

MORTEM
SEE DEATH

MORTIERELLA
new mushroom disease. [**Mortierella bainieri**] 069402
mushroom caused by **Mortierella bainieri.** 069533
on enzyme production. [**Mortierella vivacea**] 067660

MOSAIC
Spread of **alfalfa mosaic** virus on different l- 069670

conditions. [**Aphididae, mosaic** virus, transm- 069679
Tobacco vein-**banding mosaic** virus. [Myzus 069618
dissociation of southern **bean mosaic** virus. 069685
Beet mosaic a declining disease in England 069694
virus, a new member of **cauliflower mosaic** g- 069681
lobata--a new reservoir of **cucumber mosaic** 069673
streak & combination **cucumber mosaic** virus 069676
Virus of **cucumber mosaic** on Echinocystis l- 069723
Papaya **mosaic disease.** 069636
a new member of cauliflower **mosaic group** of 069681
Lam. to red clover **necrotic mosaic** virus. 069736
Papaya mosaic disease. 069636
Quail **pea mosaic** virus: a new member of c- 069688
mosaic virus, common & enation **pea mosaic** 069699
Overwintering of pea **seedborne mosaic** virus 069689
infected by virus diseases. [**Tobacco, mosaic**] 068211
quality of several new TMV [**tobacco mosaic** 068420
in relation to degradation of **tobacco mosaic** 069634
Tobacco mosaic virus resistance in lycopersi- 069642
classification of **tobacco mosaic** virus strains 069644
quality of several new TMV [**tobacco mosaic** 069675
mosaic virus & TMV [**tobacco mosaic** virus] 069676
Mechanism of inhibition of **tobacco mosaic** v- 069697
leaf hairs in transmission of **tobacco mosaic** 069713
infected by virus diseases. [**Tobacco, mosaic**] 069728
of DMSO on synthesis ot **tobacco mosaic** vi- 069730
leaf hairs in transmission of **tobacco mosaic** 070407
in relation to degradation of **tobacco mosaic** 071786
Effect of broadbean **true mosaic** virus, com- 069699
Turnip mosaic virus isolated from rhubarb p- 069633
Turnip mosaic virus on annual stock in Arg- 069692
Physiology of yellow-**vein mosaic** virus disea- 069641
A **mosaic** of **Vigna** hosei (Craib) Back, a co- 069677
of several new TMV [tobacco **mosaic virus**]- 068420
Tobacco vein-banding **mosaic virus.** [Myzus 069618
Turnip **mosaic virus** isolated from rhubarb p- 069633
to degradation of tobacco **mosaic virus.** 069634
Physiology of yellow-vein **mosaic virus** disea- 069641
Tobacco **mosaic virus** resistance in lycopersi- 069642
classification of tobacco **mosaic virus** strains 069644
on isolation of watermelon **mosaic virus** in I- 069649
Spread of alfalfa **mosaic virus** on different l- 069670
a new reservoir of cucumber **mosaic virus** in 069673
of several new TMV [tobacco **mosaic virus**]- 069675
of Ohio TMV [tobacco **mosaic virus**]-resista- 069676
conditions. [Aphididae, **mosaic virus,** transm- 069679
some properties of Mirabilis **mosaic virus,** a 069681
dissociation of southern bean **mosaic virus.** 069685
of soil-borne wheat **mosaic virus** isolates fr- 069686
Quail pea **mosaic virus:** a new member of c- 069688
Overwintering of pea seedborne **mosaic virus** 069689
Turnip **mosaic virus** on annual stock in Arg- 069692
of inhibition of tobacco **mosaic virus** reprod- 069697
Effect of broadbean true **mosaic virus,** com- 069699
Freeing sugarcane from **mosaic virus** by api- 069704
in transmission of tobacco **mosaic virus** by 069713
Lam. to red clover necrotic **mosaic virus.** 069736
conditions. [Aphididae, **mosaic virus,** transm- 070277
Tobacco vein-banding **mosaic virus.** [Myzus 070318
in transmission of tobacco **mosaic virus** by 070407
Physiology of yellow-vein **mosaic virus** disea- 070455
to degradation of tobacco **mosaic virus.** 071786
virus, common & enation pea **mosaic viruses** 069699
A report on isolation of **watermelon mosaic** 069649
Comparisons of soil-borne **wheat mosaic** vir- 069686

MOSQUITOES

of Dirofilaria immitis in **mosquitoes.** 070665
of oesophageal diverticula of **mosquitoes** (D- 070791
rose, an allele of white locus in a **mosquito.** 070912
Mosquitoes (Culicidae) in changing Australi- 071004
A device for self-marking of **mosquitos.** 071073
Development of flagellate in **mosquito.** 070616
carbophos & DDT for **adult mosquitoes** in z- 070626
Aotus trivirgatus to **Anopheline mosquitoes** 070609
Effects of **mosquitoes** on **beef** cattle product- 070642
Analysis of commercial **mosquito coil** smoke 070599
synthetic larval diet for **mosquito Culex** pip- 070940
in larvae of Aedes & **Culex mosquitoes.** 070960
On proteases of **mosquito Culex** pipiens. 071017
of two strains of **mosquito iridescent** virus. 071067
Bacterial flora of **mosquito larvae** & its ent- 070631
Sterilization of surface of **mosquito larvae** in 070961
Breeding places of bollk-**sucking mosquitoes** 070625
chandipura viruses in **mosquito tissue** cultur- 070812

MOSS

hydrology at Featherbed **Moss, Derbyshire.** 071805
Moss eradication trials. 070200
in enzyme samples of **protonema, moss** seed- 067436

MOTHERS

composition of blood in **cow-mothers** & new- 064533
Keeping **mother cows.** 064139

MOTHS

Almond moth, Cadra cautella (Walker) (Ph- 070580
notes on African lunar **moth Argema** kuhnei 070831
plutellae Kurdj. to diamond-**back moth,** Plu- 070241
of bacterial blight disease on **moth bean** (P- 069586
parasites & predators of grape **berry moth** 070420
Cabbage moth--a pest on tobacco seed plant- 070366
emergence of butterflies of **cabbage moth** (071100
Almond **moth, Cadra** cautella (Walker) (Ph- 070580
Trapping **codling moth** & apple fruit fly. 070275
biology, ecology & control of **codling moth** 070458
of second generation of **codling moth** in Pol- 070485
between geographical races of **codling moth** 070784
Plutella xylostella L. & rice **moth, Corcyra** 070241
food on development of rice **moth Corcyra** c- 070576
Behavioral adaptations of **cryptic moths.** VI 070956
behavior of pine **moth, Dendrolimus** spectab- 070541
Encyrtidae) in gypsy **moth eggs** killed with 071082
Outbreak of **ermine moth** Yponomeuta evon- 070267
of food quality on angoumois **grain moth** (Si- 070896
on development of **moth granulosis** virus. 070965
Sex lure under study to control **gypsy moth.** 070553
Two releases of sterile **gypsy moth** males (070566
Spatial distribution of **gypsy moth** (Lepidop- 070844
Hymenopters, Encyrtidae) in **gypsy moth** e- 071082
on warm-up in **moth Hyalophora** cecropia. 070907
Further notes on African **lunar moth** Argema 070831
Two releases of sterile gypsy **moth males** (070566
Indian **meal moth,** pest of stored walnuts. [070587
of gamma sterilized moths to **normal moths** 067978
An account of **moth orchids:** ascendancy of 068939
evanescens in control of **pea moth** on large 070479
Indian meal **moth, pest** of stored walnuts. [070587
illumination against fruit-**piercing moths.** V. 070426
Emergence & behavior of **pine moth,** Dendr- 070541
Kurdj. to diamond-back **moth, Plutella** xylo- 070241
parasite of diamond-back **moth, Plutella** xyl- 070427
Processionary moth & muskrat in Loire-Atl- 069901
moth, Plutella xylostella L. & **rice moth,** Co- 070241
kinds of food on development of **rice moth** 070576
Cocoonases of **silkworm moths:** catalytic pr- 071393
pupae of angoumois grain **moth, Sitotroga** c- 070884
Competitiveness of gamma **sterilized moths** 067978
Outbreak of ermine **moth Yponomeuta** evon- 070267

MOTILITY

semen with +3 & higher **motility collected** 064996
Interrelations of **motile** & **metabolic** activiti- 064364

MOTONEURONS

of some metathoracic **flight motoneurons** of 070901

MOTORS

Druzhba **motor-driven** saw used in obtaining 066352
Motor function of forestomachs in cattle, sh- 064553
Motor function of forestomachs in cattle sh- 064554
Fuel-saving driving of **motor lorries.** 071542
Agricultural haulage with **motor lorries.** 071631
of tigroid & mitochondria in **motor neurons** 064459
Public grant for **motor roads** through forests 066260

MOTTLE

investigation of broad **bean mottle** virus in s- 069653
Spread of **carnation mottle** virus in carnatio- 069669
Transmission of feathery **mottle complex** of 069703
study of structure of eggplant **mottled dwarf** 069716

MOUNTAINS

Phytogeography of west **African mountains** 066698
Hymenoptera) in **Alp Mountains.** 071246
in Snowy **Mountains, Australia.** 072572
reserves in Sadecki **Beskid Mountains.** 066117
of pasture swards in **Bieszczady mountains** 068135
on wooded vegetation of **Buila Mountains.** 066902
studies in **mountain communities** at Hardan- 070983
techniques for pastures in **mountainous dairy** 068620
vegetation of Kul'**dzhuktau Mountains.** 067004
distribution in White **Mountains, eastern** Ca- 066839
grazing & burning on a **mountain grassland,** 068784
Mount Poroshiri-dake of **Hidaka mountain** 071251
for 700 calves in **mountainous** & **piedmont** r- 071418
Poroshiri-dake of Hidaka **mountain range,** 071251
food products of Altai **Mountain region.** 063441
swards in Bieszczady **mountains region.** 068135
in livestock care in **mountainous regions.** 3. 064126
on forest operations in **mountainous regions;** 066447
Forest roads in **mountainous regions** & soil 072254
erosion in piedmont & **mountain regions** of 072348
in conditions of Beskid **Sadecki mountains.** 070216
on Pinus heldreichii on **mountain Sara.** 066909
on a mountain grassland, **Snowy Mountains,** 068784
conservation in **Snowy Mountains,** Australia 072572
soil sequence in **Tararua Mountains,** New Z- 071850
n. (Siphonaptera) from **Tatra Mountains.** 071302
of plant distribution in **White Mountains,** e- 066839

MOUNTING

A tree-**mounted LVDT** [linear variable diffe- 069053
A tractor **mounted plot** sprayer. 071527
system for large tractor-**mounted plows.** 1. 071568
system for large tractor-**mounted plows** bas- 071570

MOUTH

Studies into effect of foot-**and-mouth** disease 065581
Studies on foot-**and-mouth** disease vaccines 065698
Measures for controlling foot-**and-mouth** dis- 065828
domestic animals in case of foot-**and-mouth** 065844
derivatives in experimental foot-**and-mouth** 065896
adjuvant in vaccines against foot-**and-mouth** 065377
system in Collembola with **chewing mouth** 071105
Bluetongue, foot-and-**mouth disease**]. 065436
foetal sera against foot & **mouth disease** vir- 065614
Sore mouth in sheep & goats. 065759

MOVEMENT

Distribution & **movement** of "reactive" pho- 066883
moisture retention & **movement.** 071762
Distribution & **movement** of "reactive" pho- 071849
their interference with **animal movement.** [065436
Bacterial movement through fractured bedr- 072534
Aspects of **cooperative movement** in north A- 062221
reticulum, ruminoreticular **cycle, movements** 064554
sheep & goats. II. **Movements** of **dorsal** & v- 064553
contractions at REM [rapid-**eye-movement**] 064520
Herbicide movement & availability in soils. 070021
device for recording **leaf movements.** [Adsuki 068459
Soil **moisture movement** under temperature 071758
Moisture movement in soil due to a moisture 071803
On **movement** of **moisture** in leached Chern- 071921
Chemical reclamation of intro-**oasis moving** 072321
On distribution of **preening movements** in h- 071378
colony of honeybees. 1. **Movement** of **queen** 071371
sheep & goats. III. **Movements** of **reticulum** 064554
Wind-induced **root movements** in forest trees 068534
reclamation of intro-oasis **moving sands.** 072321
for existence & **movement** of a **specific** tuber- 068413
Floral **stimulus movement** in Perilla [crispa 068452
Stomatal movement & water relations in cr- 067940
as an indicator of new **tectonic movement.** 066874
Transcuticular movement of fungicides. [App- 069478
Vertical movement in an undisturbed soil: c- 071776

MUCILAGE

Study of **mucilage producing** seeds & nutlets 066932

MUCK

advance fertilization with **lacustrine muck** & 068258

MUCOR

properties of carrier-**bound Mucor** [javanicus 067536
of kappa-casein by **Mucor pusillus** protease. 067447

MUCOSA

Bovine virus **diarrhea--mucosal** disease (B.V 065875
I. Clinical signs & some **mucosal dimensions** 065444
Treatment of **mucosal disease** with modified 065630
between border **disease, mucosal** disease & 065723

MUCUS

conductivity of vaginal **mucous membrane** of 064584

MULBERRY

against leaf spot disease of **mulberry.** [Cyli- 069412

MULCH

Influence of **mulch** & **cover** crops on surface 072253
Use of **film mulch** in fruiting vineyards. 072302
rotundas L. with dichlobenil & **grass mulch** 070191
Tunnel covers & **mulches** for **muskmelon** pr- 068956
Straw mulch & farmyard manure for peaches 072213

MULES

Arterial blood supply of sinus node of **mules** 064454

MULLET

Smoked **mullet quality:** An assessment. 063126

MULTILAYERED

SEE LAYERING

MULTIPLE

Multiple abdominal pregnancy in a hare fo- 065041
Multiple authorization of water development 072437
environmental factors on **multiple births,** w- 064935
bulls & increased **multiple breeding** of herd 065171
Multiple correlations of properties of Pinus 066562
Studies on **multiple cropping.** 1. Comparative 068732
Haryana can go in for **multiple cropping.** 068744
Va 770: a **multiple disease** resistant variety 069893
induction of zygotic **multiple embryos** in Co- 067276
Organ specific **multiple forms** of glutamic d- 068131
frequency of some **multiple infections.** [Catt- 065881
of Karakul sheep & their **multiple litters.** 065167
calf fetus of single or **multiple pregnancies** 064938
Influence of **multiple quality** requirements on 067169
Resynthesis of **multiple resistance** to organ- 070636

MUNGBEAN

intercropping sesamum with maize & **mung.** 068729
B553. B557 & ubiquinone in **mung bean** mit- 068265
root nodules. [Rhizobium, **mung beans,** cow- 067325
on rooting of shoot cuttings. [**Mung beans**]. 068439
groundnut & green gram. [**Mung beans**]. 071800

MUNGO

crinkle virus of urd bean [**Phaseolus mungo**] 069643

MURAMIDASE

Lysozyme (**muramidase**) activity in canine 065906

MURINE
Murine fascioliasis: laboratory model for de- 065532

MUSCA
Parasites of face fly, Musca autumnalis (Di- 070782
raptor, Spalangia cameroni, Musca domesti- 070604
Leptinotarsa decemlineata, Musca domestica 063175
acid ester of d-alletrolone. [Musca domestica, 070578
fertility of housefly, Musca domestica nebulo 070598
Sensibility of Musca domestica to some syn- 070601
strains of housefly, Musca domestica L. 070603
on reaction of housefly (Musca domestica L. 070605
acid ester of d-alletrolone. [Musca domestica, 070608
on house fly. [Musca domestica]. 070621
strain of house flies, Musca domestica L. to 070628
SKA strain of house flies. [Musca domestica 070636
resistance in housefly, Musca domestica L. 070654
system of female housefly, Musca domestica 070924
Pteromalidae). [Musca domestica vicina]. 071106

MUSCI
A revision of genus Macrothamnium (Musci 066727
net of Leskeaceae & Thiuidiaceae (Musci). 067013
African musci collected by Denes Balazs. 066609
sporogone & callus of leafy musci crosses F- 067436

MUSCIDAE
fly, Musca autumnalis (Diptera: Muscidae), 070782
Study of dispersion of African Muscidae (D- 071356
aenescens (Wiedemann) (Diptera , Muscidae) 071357
Anthomyiidae & Muscidae of Mt. Katahdin, 071222

MUSCIDIFURAX
on Danish farms. [Muscidifurax raptor, Spa- 070604
of parasitism in Muscidifurax raptor (Hym- 071106

MUSCLE
chemical properties of avian muscle in relat- 063685
Quality changes in pre-rigor beef muscle at- 063628
affecting tenderness of bovine muscle. 063622
energy-induced-changes in bovine muscle pi- 063624
acid composition of bovine intramuscular & 063623
Effect of postmortem muscle changes on pou- 063680
of free amino acids in muscle of chickens fed 064623
Comparing muscle fibre thickness in pork fr- 063602
Post mortem picture of muscle degeneration 065960
Occurrence of feed-dependent muscular dyst- 065949
measures for controlling white muscle disea-e. 065992
structure of longissimus dorsi muscle of pigs 064466
Characterization of double muscled syndro- 065110
of feed-dependent muscular dystrophy in ra- 065949
Nutritional muscular dystrophy of cattle. 2. 065985
Loin-eye muscle measures for evaluating co- 064517
Prenatal development of muscle fiber types 064479
Comparing muscle fibre thickness in pork fr- 063602
binding endogenous water in fish muscular t- 063429
myosins per cross-bridge? i. Flight muscle 070803
myosins per cross-bridge? iI. Flight muscle 070804
diffraction pattern of insect flight muscle. [070805
contractile components of flight muscle in a- 070920
of 137 Cs [cesium 137] in muscles of free-liv- 066033
site of rabbit muscle glycogen phosphorylase 064317
site of rabbit muscle glycogen phosphorylase 064318
tissue framework & muscle growth. [Cattle] 064295
Working performance. [Horses, muscles, ph- 064393
A possible indicator muscle for fibre content 064288
Growth of individual muscles in various bre- 064840
Structure & function of insect muscle. [Leth- 070802
Muscle & kidney selenium levels in calves 064346
Loin-eye muscle measures for evaluating co- 064517
per cross-bridge? i. Flight muscle myofibrils 070803
per cross-bridge? iI. Flight muscle myosin f- 070804
Nutritional muscular dystrophy of cattle. 2. 065985
Effect of binding to muscle particulate fract- 063681
performance. [Horses, muscles, physiology, 064393
induced-changes in bovine muscle pigment. 063624
tenderness properties of porcine muscle. 063639
growth characteristics of porcine muscle. 064288
into problems relating to muscle & pork co- 063632
Effect of postmortem muscle changes on pou- 063680
Muscle quality, cooking method & aging vs. 063627
monophosphate site of rabbit muscle glycog- 064317
monophosphate site of rabbit muscle glycog- 064318
in phosphorylase b from rabbit muscle with 064365
composition of three muscles & relationship 064414
Chemical fat in musculature of sheep carcass 063609
Characterization of double muscled syndro-e. 065110
endogenous water in fish muscular tissue. 063429
Histogenesis of muscle tissue of Large White 064506
of measures for controlling white muscle dis- 065992

MUSEUMS
paleartici of G. Frey Museum (Coleoptera, 071218
types in United States National museum (L- 071339
of collections of Museum of Natural History 071323
Tenebrionidae belonging to Royal Museum 071322

MUSHROOMS
Virus diseases of mushrooms. 069627
Insecticides & spawn strains. [Mushrooms] 070471
new disease of cultivated mushroom caused 069533
some weed-killers in mushroom culture". [069340
Shaggy stipe, a new mushroom disease. [Mo- 069402
Mushroom house ventilation in theory & pr- 071482
type on quality of pre-packed mushrooms. 063977
Future development of mushroom production 062975
tow on fructification of straw mushroom. 069159
insect pests of mushroom in Taiwan. 070509
for various parasites of tropical mushrooms. 069328

MUSKMELONS
to root-knot nematode in muskmelon. [Melo- 069816
pest on Hara Madhu. [Muskmelons, beetles 070462
Bush redpeppers, muskmelons, green peppe- 068454
mulches for muskmelon production. 068956
Root systems of squash, muskmelon, water- 066919
osysporum f. melonis. [Muskmelon wilt]. 069365

MUSKRAT
Processionary moth & muskrat in Loire-Atl- 069901
farms of Issyk-Kul Basin. [Sheep, muskrats] 065843

MUSTARD
Origin & development of mustard (Sinapsis 066927
painted bug & sawfly attacking mustard & r- 070326
varieties. [Bird rape, Chinese mustard]. 068422
of steroids in process of Indian mustard rip- 067585
A note on response of mustard to NPK [nit- 072093
during maturation of seeds of white mustard 063396

MUTAGENESIS
temperature on mutagenic activity during st- 063714
Mutagenic activity of ethylmethanesulphona- 071383
Effect of certain chemical mutagens on pea 067190
Chemical mutagenesis in wheat. 067195
of effect of certain chemical mutagens on st- 067202
Mutagenic effect of 1,4-bis-diazoacetylbutane 067161
Mutagenic effect of benomyl on Fusarium o- 067311
Comparative study of mutagene effect on di- 067377
Mutagenic effect of X rays & ethylmetansul- 067381
Mutagenic effect of benomyl on Fusarium o- 069428
development of experimental mutagenesis in 067184
Studies in experimental mutagenesis & mut- 067194
Results of utilizing experimental mutagenesis 067196
in citrus fruits by induced mutagenesis. 067360
of inactivation & mutagenesis induced by et- 070869
barley seeds treated with mutagenic methyl 067913
of soaking seeds prior to mutagen treatment 067197

MUTANTS
Actual biochemical block in arg-2 mutant of 067440
biochemical properties of mutant Aspergillus 067784
of chloroplasts from an Aurea mutant of Ni- 068132
products in normal & carotenoid mutant ma- 068097
cells of a mutant of Chlamydomonas reinha- 067770
explants of "aurea" chlorophyll mutant Nic- 066936
Mutants of corn induced by radiation. 067189
of generative selection when creating mutant 067373
induced amino acid deficient mutants of Fus- 069352
Developmental mutants in a homothallic str- 067150
of flight in wild-type & a mutant Drosophila 070973
Mutant forms of tomatoes obtained form eff- 067170
mutation chimeras & mutants in haploids of 067180
of photohynthesis in light induced mutants 068261
selection when creating mutant lines of mai- 067373
in normal & carotenoid mutant maize leaves 068097
studies of trp-2e mutant in Neurospora cras- 067432
of "aurea" chlorophyll mutant Nicotiana ta- 066936
Types of mutants obtained as a result of irr- 067193
Comparative studies on pea mutants. 067176
of chlorophyll in pigment mutants of Chlam- 067455
Types of mutants produced in citrus fruits by 067360
Yeast mutants resistant to ethidium bromide 067308
Selection of respiratory mutants of Neurosp- 067628
recieved from crossing spring wheat mutant 067071
hormonal imbalance in three wilty mutants 068263
Yeast mutants resistant to ethidium bromide 067308

MUTATION
species of plants to radioactivity. [Mutation 067186
hybrids of corn to radioactivity. [Mutation] 067188
finding of low doubling doses of mutations. 067299
on their field germination & mutations. 067371
treated with thermal factor. [Mutation]. 067372
on their field germination & mutations. 068182
in rice (Oryza sativa L.). [Mutation]. 067267
Occurrence of mutations in barley due to ef- 067183
Research on mutations & mutation breeding 067179
problem of selecting for breeding mutation 067180
mutagenesis & mutation breeding of plants 067194
Mutation breeding in Czechoslovakia. [Plan- 067198
of protein-rich wheat by mutation breeding. 067286
to radioactivity & induced mutation changes 067178
of selecting for breeding mutation chimeras 067180
appearance of chlorophyll mutations in some 067171
in different types of chlorophyll mutations 067363
Structural chromosome mutations under pos- 067160
utilizing of induced chromosome mutations 067302
Mutation of chromosomes caused by organic 067347
Hungary in field of experimental mutations. 067172
Experimental mutations in potatoes. 067208
Mutation experiments with barley. Ii. influ- 067081
I. Dominant lethal mutation frequencies in 070869
Genic mutations with visible effect in Swiss 064942
study of mutability of individuals of different 071059
on manifestation of mutations induced by ot- 067068
of corn with aid of induced mutations. 067173
to radioactivity & induced mutation changes 067178
Taxonomic mutations induced in Triticum a- 067192
Change in frequency of induced mutations in 067197
Grain yield mutations induced by ethyl met- 067341
germ cells. I. Dominant lethal mutation fre- 070869
frequency of occurence of lethal mutations in 071064
of "albinos" mutation in Locusta migratoria 070776
Morphological mutations obtained in two va- 067191
Research on mutations & mutation breeding 067179
Morphological mutations obtained in two va- 067191
Obtaining mutations in sugar beets through 067177
growth, productivity & mutation process of 067182
between rate of mutation process in Drosop- 071063
Obtaining radioactive mutations of corn (Zea 067199
Somatic mutation rate in Tradescantia [ohi- 067299
Genetic analysis of regulator mutation trp-2 067086
histogenetic point of somatic mutations in c- 067181
Somatic mutation rate in Tradescantia [ohi- 067299
Mutations in spring & winter barley obtain- 067175
chemical mutagens on structural mutations 067202
using two mutations, H2 & svde. 070855
Taxonomic mutations induced in Triticum a- 067192
Genetic analysis of regulator mutation trp-2 067086
Ways & means of utilizing mutations in pla- 067185
Character of mutational variability in winter 067158
Grain yield mutations induced by ethyl met- 067341

MUTILATION
up forest: A wound or a serious mutilation? 066128

MUTTON
event performance-tested Merino mutton sh- 062768
characteristics of mutton from sheep with fa- 063200
performance-tested Merino mutton sheep r- 064219
characteristics of mutton from sheep with fa- 065684

MYCELIA
Conservation of mycelial constituents in four 069496
factors governing mycelial establishment & 069316
from an inoculation by mycelium grown in s- 067691
phosphate polymer in mycelia of Penicillium 067860
Use of mycelial suspension for increasing P- 069505

MYCOBACTERIACEAE
Differentiation of acid-resistant mycobacteria. 065490

MYCOBACTERIUM
Mycobacterium avium serotype 2 infection in 065416
role of Mycobacterium avium. 065567
Mycobacterium paratuberculosis]. 065598
from milk of Mycobacterium tuberculosis. 063207

MYCOFLORA
SEE FUNGUS

MYCOGONE
mushroom culture". [Mycogone perniciosa, 069340

MYCOLOGISTS
In memory of Dutch mycologist Dr. M.b. S- 066596
of this famous Italian mycologist. 066592

MYCOLOGY
Studies in mycological chemistry. XXX. Iso- 067538
Mycological notes from Switzerland. III. 066796

MYCOPHAGOUS
SEE FUNGUS

MYCOPLASMA
I. Isolation of avian Mycoplasma. 065501
in two strains of avian Mycoplasma possibly 065509
Bovine mycoplasmas: genome size & base c- 065524
Raising of Mycoplasma free flock by dipping 065494
agglutination of Mycoplasma gallisepticum 065523
in Mozambique. [Mycoplasma gallisepticum 065709
on sensitivity of Mycoplasma gallisepticum 065845
from healthy & mycoplasma-infected plants 069614
for respiratory Mycoplasma infection in pou- 065481
of mycoplasmalike organisms multiplying in 069652
Mycoplasmas as a cause of plant diseases, w- 069629
In vitro culture of mycoplasmas of plants & 069628
fixed colonies of ruminant Mycoplasma. 065449
for propagation of ruminant Mycoplasma. 065451
reference to role of Mycoplasma synoviae. 065667
Spread of mycoplasma in tobacco (Nicotiana 069615

MYCOPLASMOSIS
to study of poultry mycoplasmosis in Moza- 065709
coryza & respiratory mycoplasmosis in chic- 065724

MYCORRHIZA
synthesis of mycorrhizas in aseptic culture. 067733
on root & mycorrhiza development. [Picea] 068605
associated with ericoid mycorrhizas. 067734
Role of mycorrhiza in nutrition of larch see- 068571

MYCOSIS
Mycotic diseases in farm animals & birds in 065745
Mycoses & mycotoxicoses of livestock in H- 065634
Siem., a causal agent of **mycosis** in **potato** l- 070962

MYCOSPHAERELLA
various rootstocks to **Mycosphaerella citri.** 069513
discharge by **Mycosphaerella ligulicola.** [Ch- 069493
Mycosphaerella zeae-maydis sp. n. sexual st- 069482

MYCOSPHAERELLACEAE
apple leaves to **Venturia inaequalis.** 069503

MYCOTOXICOSIS
Symposium on **Mycotoxicoses** of **Domestic** 066016
Mycoses **& mycotoxicoses** of **livestock** in H- 065634
Mycotoxicosis of **swine** & a therapeutic met- 066062

MYCOTOXINS
Mycotoxins in **feed.** 064071
Mycotoxins in **feedstuffs.** 064102
problems in **identifying mycotoxins.** [Food (063035
Mycotoxins in **meats.** 063217
Mycotoxins in **milk** & milk products. 063216
Influence of **mycotoxins** on **plants.** 069921
An introduction to **mycotoxin problem.** [Fo- 063215
detection of **trichothecene mycotoxins** of Fu- 067422

MYELOBLASTOSIS
of 70S RNA from **avian myeloblastosis** virus 065428

MYELOPROLIFERATIVE
Myeloproliferative disorder in a cat with a 065915

MYIASIS
of psontaneous **Cuterebra myiasis** in domest- 065540

MYMARIDAE
Lymaenon sp. (Hymenoptera: **Mymaridae),** 070402

MYOFIBRIL
per cross-bridge? i. Flight **muscle myofibrils** 070803

MYOGLOBIN
of porcine, ovine & **bovine myoglobins** at fr- 063625
of amino-acids in **procine myoglobin.** 064332

MYOMETRIUM
III. Feto-placental-**myometrial interaction.** 065455
its action on **myometrium & mammary** gland 064250
I. In-vitro studies on **myometrium** of **pig.** [E- 065211

MYOSIN
per cross-bridge? iI. Flight **muscle myosin** f- 070804
How many **myosins per** cross-bridge? i. Flig- 070803

MYRIAPODA
Some **Myriapods** from **Hokkaido,** northern 071254

MYRIOPHYLLUM
SEE HALORAGACEAE

MYRMELEONTIDAE
of North-**European myrmeleontid** larvae (N- 070835

MYRTACEAE
of species of Syzygium **(Myrtaceae)** from P- 066622
Floral anatomy of **Myrtaceae.** 1. Syzygium. 066949
Notes on West **Indian Myrtaceae.** 066625

MYXOMYCETES
a new sebclass of **Myxomycetes.** 066739
Corticolous Myxomycetes. I. Two new speci- 066733
sclerotization) of **myxomycete Physarum** fla- 067424

MYZUS
vein-banding mosaic virus. [**Myzus persicae,** 069618
of greenhouse population of **Myzus persicae** 070483

NADP
of carboxylating enzymes & **NADP+**-depen- 068095
Activation of **NADP** [nicotinamide adenine 068460

NAIL
constant for laterally laoded **nail joints.** 066550
Mibant test criteria for **pallet nails.** 066559
Helically **threaded nails** with four & five th- 066561

NAPHTHOL
following alpha-**naphthol** or p-**nitrophenol** a- 070411

NARCISSUS
Cool storage of **cut Narcissus.** 063894
Cool storage of **Narcissus flowers** in fibre-b- 063895
herbicide when applied to **narcissus & tulip** 069975

NARCOSIS
Chloral **hydrate narcosis** for sheep with sta- 065342

NARDUS
of 7-years tests in **controlling Nardus** stricta 070216
of methods in **controlling Nardus** stricta in 070217
Results in **controlling Nardus** Stricta in Ro- 070218
of grass swards, type **Nardus stricta** in Bulg- 072228

NARINGENIN
changes in **naringenin & chlorogenic** acid in 068336

NASAL
fumigatus infection in **nasal cavity** of a dog: 065719
Some conditions of **nasal chambers** of dog & 065324
viral antibodies in serum & **nasal excretion** 065895
Nasal mites of birds from Louisiana. Vi. New 070617

NASUTITERMITINAE
secretion in termites of **genus Nasutitermes** 070759

NATAL
SEE BIRTH

NECK
Course of **thread-necked** worm infestation in 065778
Thread-necked worms in sheep in Semipalat- 065797

NECROBACILLOSIS
treatment of **necrobacillosis** of **lambs** with a- 065855

NECROSIS
of diffuse cortical **necrosis associated** with c- 065930
multiflorus Lam. to red **clover necrotic** mosa- 069736
Nonspecificity of **necrosis-inducing** toxin of 069271
Suppression of elm **phleom necrosis** sympt- 069878
leaves infected with **tobacco necrosis** virus 069717

NECTRIA
Myxomyceticolous species of **Nectria.** 066737
mineral elements by **Nectria cinnabarina** (T- 067857
hemlock caused by **Nectria fuckeliana** var. 069273

NEEDLE
reflection of light by **needles** of **coniferous** t- 068537
A ponderosa pine **needle miner** in Colorado 070561
of adhesives in control of **pine needle** shedd- 069553

NEMATOCIDE
Action of some **nematicides** on **eggs** of Melo- 069808
with some **nematicides** to **Heterodera** rosto- 069805

NEMATODE
control of: insects diseases & **nematodes.** 068640
Nematodes. [Sugarbeets]. 069904
Elateridae) by Hexamermis sp. **(Nematoda:** 071033
Some parasitic **nematodes associated** with s- 069760
Nematodes associated with different plants 069899
A **"nematode bank"** for production of inocul- 069905
Sugar **beet nematode** as pest of cabbage. [H- 069858
Burrowing nematode problems in Taiwan. 069907
Chemical control of **nematodes** on **cabbage** in 069871
of parasite in its vector. **[Cattle, nematodes]** 065526
of Onchocerca gutturosa. **[Cattle, nematodes]** 065527
of parasite in its vector. **[Cattle, nematodes]** 070611
of Onchocerca gutturosa. **[Cattle, nematodes]** 070612
biological materials. **[Nematodes, control,** p- 069810
Disease & **nematode control** in field crops. 069837
soil type & variability in **nematode control.** 069847
Parasitic **nematodes control** of cantaloupe. 069906
An investigation on **cotton nematodes** of Ta- 069773
Control of potato **cyst-nematode,** Heterodera 069758
Potato **cyst nematodes** in Norway: distribut- 069834
vasinfectum] wilt-root-knot **nematode data** f- 067115
of inoculum of stem **nematodes, Ditylenchus** 069905
Control of potato cyst-**nematode, Heterodera** 069758
on occur rence of **nematode Heterodera** ros- 069854
varieties resistant to **nematode Heterodera** 069857
Chitwood, 1949 **(Nematoda, Heteroderidae)** 069824
on level of root-knot **nematodes infestation** 069832
On treatment of **nematode invasions** of water 065659
Nematode invasive capacity in sheep in nor- 065679
vasinfectum] wilt-root-**knot nematode** data f- 067115
on control of root-**knot nematode** (Meloido- 069761
or reniform nematode, root-**knot nematode** 069773
Chemical control of root-**knot nematode** on 069806
Field resistance to root-**knot nematode** in m- 069816
on level of root-**knot nematodes** infestation 069832
on numbers of root-**lesion nematode** Pratyle- 069768
Multiplication of root **lesion nematode** Prat- 069769
of biological control. **[Livestock, nematodes]** 065525
Effect of two **mycophagous nematodes** on A- 069525
Nematode parasites of alimentary canal of 065623
Some **parasitic nematodes** associated with s- 069760
in control of plant **parasitic nematodes,** using 069825
Parasitic nematodes control of cantaloupe. 069906
Effects of **nematodes** on **physiology** of veget- 069832
in potato infected with **potato nematode.** [068220
Potato nematode & its control. [Ditylenchus 069864
of root-lesion **nematode Pratylenchus** penet- 069768
of root lesion **nematode Pratylenchus** penet- 069769
Burrowing **nematode problems** in Taiwan. 069907
study on effects or **reniform nematode,** root 069773
caused by subulurid & **spirurid nematodes** in 071079
Stem nematode of clover. [Ditylenchus dips- 069846
production of inoculum of **stem nematodes,** 069905
of infective larvae of **strongylid nematodes** of 065528
transmission of **nematode** to **succeeding** crop 069882
Predatory activity of **nematode trapping** fun- 065525
plant hosts of **nematodes** in New **Zealand.** 069843

NEODIPRION
to control damages of **Neodiprion sertifer.** [070536
after urea fertilization. [**Neodiprion swainei,** 070533

NEONATAL
SEE BIRTH

NEOPLASIA
Canine **alimentary neoplasia.** 066012

NEOPLASTIC
SEE PLASTICS

NEOTROPICAL
SEE TROPICAL

NEPETA
On **Nepeta** L. of Caucasus. [Taxonomy]. 066690

NEPHELIUM
SEE SAPINDACEAE

NEPHOTETTIX
green rice leafhopper **Nephotettix cinctice** 070402
Population trends of **Nephotettix cincticeps** 070332
in Taichung district. [**Nephotettix cincticeps** 070399
Distribution of **Nephotettix leafhoppers** in 070316

NEPTICULIDAE
Studies on **Nepticulidae** (Lepidoptera). V. E- 070550
Wslm. **(Lepidoptera, Nepticulidae)** ;study of 070967

NERVES
on glycogen metabolism in **nerve-cord** of A- 070889
Absence of **nerve growth** factor in venoms of 071054
A radioautographic study of **neural induction** 064361
Electrical excitation of nuclei of **vagus nerve** 064269

NERVOUS
decarboxylase activity in **arthropod nervous** 070772
Giant fibres in ventral **nervous system** of ce- 071094

NEST
Thermoregulation in **nests** of **Lasius** fuligino- 071108

NETWORK
of repair & cleaning of **drainage network.** 071557
maintenance of drainage **& irrigation netwo-k** 071449
Lymphatic network of synovial membrane of 064544
repair & automation of **meliorative networks** 071448
on animal farms by using **network planning** 062361
Application of **network planning** for organiz- 062363

NEUROENDOCRINE
Neuroendocrine control of functioning of co- 070917

NEURONS
of tigroid & mitochondria in **motor neurons** 064459
Studies of neurophysin **secreting neurons** wi- 064352

NEUROPHYSIOLOGY
Neurophysiology of **flight** in wild-type & a 070973

NEUROPTERA
European myrmeleontid larvae **(Neuroptera)** 070835
Reuter **(Neuroptera, Coniopterygidae)** new 071259
Subilla Navas **(Neuroptera, Raphidioptera,** 071232

NEUROSECRETION
On activity of **neurosecretory cells** in flesh-f- 070852
neurosecretion & some **physiological** functio- 070878
Neurosecretory system of purse web spider, 070947
Studies in situ on **neurosecretory system** of 071090

NEUROSPORAS
activated aminopeptidase in **Neurospora.** 067431
mutation trp-2e in **Neurospora crassa.** 067086
of trp-2e mutant in **Neurospora crassa.** 067432
of a membrane protein of **Neurospora crassa** 067438
of respiratory mutants of **Neurospora crassa** 067628
cobalt-resistant strain of **Neurospora crassa** 069762
Stromatic neurosporas. 066738

NEUTRALIZATION
Neutralizing activity of bovine foetal sera a- 065614
Rous sarcoma virus-**neutralizing antibodies** 065579
allergic test & virus-**neutralizing antibodies** 065701
Study of **neutral fraction** of oleoresin of Pin- 068531
of acid & **neutral mycopolysaccharides** in e- 065833
Composition of **neutral oils** from rosin. 066484

NEUTRON
of toxic heavy metals by **neutron activation** 066049
forest soils studied by **neutron activation** an- 071792
Effect of fractionated **gammaand neutron** irr- 067379

NEWBORN
SEE BIRTH

NEWCASTLE
on level of antibodies against Newcastle dis- 065569
of birds vaccinated against Newcastle disease 065741
administration of Newcastle disease & infect- 065435
Newcastle disease-infectious bronchitis inact- 065537
phase immunoadsorbent. [Newcastle disease 065584
on immunity of Newcastle disease in chicke- 065591
after vaccination with Newcastle disease va- 065712
Newcastle threat prompts strict regulations 062670

NICOTIANA
from an Aurea mutant of Nicotiana. [Peas, 068132
DNA contents in styles of Nicotiana alata. 067916
on tumorigenesis in a Nicotiana amphiploid 067482
inclusions evident in Nicotiana clevelandii 069647
organogenesis in tobacco (Nicotiana glauca 069614
of mycoplasma in tobacco (Nicotiana glauca 069615
in inoculated leaves of Nicotiana glutinosa L 069608
of "aurea" chlorophyll mutant Nicotiana ta- 066936
on phenolic reactions of Nicotiana plantlets 069469
of embryoid formation in Nicotiana tabacum 068062
a new disease of tobacco (Nicotiana tabacum) 069529
cut out from leaves of Nicotiana tabacum var 069730
Rott.) on tobacco (Nicotiana tabacum L.). 070337

NICOTINAMIDE
treatment of meat on nicotinamide adenine 063635
An NAD (P) [nicotinamide adenine dinucle- 067442
Activation of NADP [nicotinamide adenine 068460
pattern of NAD [nicotinamide adenine dinu- 068463

NICOTINE
of some rare elements on nicotine content of 068118
alkaloids, ephedrine & nicotine on infective 069725
to roots on contents of nicotine in whole le- 067547

NIGHT
Night activity of black flies (Diptera, Simuli- 070986
Simuliidae by day & night in River Stranda, 070984
lowered temperature during summer nights 064406
Effect of night temperature on shape & size 068241

NILVERM
its changes resulting from Nilverm (ICI) tr- 065691

NIPPOSTRONGYLUS
tested in Nippostrongylus brasiliensis. 065755

NITIDULIDAE
of Central Europe (Coleoptera, Nitidulidae) 071237

NITRATES
supplies nitrogen as nitrate, or ammoniu, or 068126
exogenous glucose on nitrate & ammonium 067573
of sugarcane to calcium ammonium nitrate. 068041
foliar application of ammonium nitrate to w- 068044
top dressing of urea & ammonium nitrate to 072222
Evaluation of chronic nitrate toxicity hypot- 066042
N, N recovery, & nitrate-N concentration of 067884
Causes of increase of nitrate content in river 072453
On presence of nitrates in dried dairy by-pr- 064039
content of nitrites & nitrates in green feeds 064042
Factors inhibiting nitrate reductase activity 068006
colorimetry to assay of nitrate & nitrate re- 067929
season & how to prevent nitrate-nitrite into- 066045
Effect of nitrate, nitrite, & ammonia on pho- 067477
Cattle poisoning by nitrates & nitrites. [Fie- 066065
Effect of nitrate nitrogen fertilizer on rice p- 068173
in coagulation without potassium nitrate & 063532
for grazing season & how to prevent nitrate 066045
Mechanism of nitrate reductase reversible i- 067771
to assay of nitrate & nitrate reductase in pl- 067929
Factors inhibiting nitrate reductase activity 068006
Induction of nitrate reductase in leaves of b- 068076
In vivo characterization of nitrate reductase 068099
to assay of nitrate & nitrate reductase in pl- 068299
Nitrate reduction by higher plant peroxidase 067597
Evaluation of chronic nitrate toxicity hypot- 066042
Effect of nitrite & nitrate on toxin producti- 063031

NITRIC
Nitric acid accumulation condition in pasture 066018

NITRITES
Cattle poisoning by nitrates & nitrites. [Fie- 066065
Effect of nitrite, erythorbate & citric acid on 063658
how to prevent nitrate-nitrite intoxications 066045
Effect of nitrite & nitrate on toxin producti- 063031
Effect of nitrate, nitrite, & ammonia on pho- 067477
determining content of nitrites & nitrates in 064042
Nitrite & nitrosamine content of foods: unso- 063172

NITROBENZENE
mellifera L.) conditioned with nitrobenzene 071381
of benzene & nitrobenzene derivatives & of 069386

NITROFURAZONE
Effect of nitrofurazone on spermatogenesis 065034

NITROGEN
to application of phosphorus & nitrogen. 066860
plants on symbiotic fixation of nitrogen. 067345
Effect of N [nitrogen] fertilization on dry 067884
Influence of levels of N [nitrogen] fertilizer 068036
at single & divided nutrition with nitrogen. 068203
Tetranychidae), infestations on N [nitrogen] 070423
Experiments with N [nitrogen] fertilizer Ag- 071976
Effect of N [nitrogen] fertilization on dry 071985
Nitrogen on grassland, response to nitrogen 072000
Response of paddy (IR-8 & Jaya) to nitrog-n. 072081
to application of phosphorus & nitrogen. 072114
application of various forms of Nitrogen. 072231
Contribution of absorbed nitrogen to relative 068175
N. Prianishnikov on nitrogen in agriculture 067399
to increase free alpha-amino-nitrogen conte- 063310
Nitrogen & amino acids levels in coecotrop- 064627
with an automatic nitrogen analyser. 067412
of an improved optical nitrogen-15 analyser. 071793
times & methods of nitrogen application on 072075
of methods & rates of nitrogen application 072082
Fate of fertilizer nitrogen applied to paddy f- 067953
Effects of different foliar-applied nitrogen fe- 070534
dosage, types & means of applying nitrogen 072064
Zinc stimulation of nitrogen assimilation by 067703
Effect of increased soil nitrogen associated 068626
Fixation of atomspheric nitrogen in Alnus g- 068513
plant materials with an automatic nitrogen 067412
for metabolismand nitrogen balance trials w- 064246
of faeces & urine in nitrogen-balance & dige- 064303
protein & energy levels on nitrogen balance 064919
of fertilizer type on nitrogen balance in Gal- 071991
Standard isotope versus nitrogen balance cri- 072007
of top-dressing of nitrogen in Bangkhen pad- 068156
by rice plant. 5. fate of basal nitrogen in pa- 067954
Studies on nitrification of blood, in presence 072112
urea. 2. Distribution of nitrogen 15 in body 064632
Forms & supplies of nitrogen in bog-podzolic 071944
to shoot conditions & carbon/nitrogen ratio 068958
Sampling for soil nitrogen changes in large 071765
Examination of nitrogen compounds in butt- 063487
inorganic nitrogen compounds on growth. 067640
water level on nitrogenous compounds of to- 067946
growth & leaf nitrogen concentration in Na- 067936
Variation in leaf-nitrogen concentration in 067937
pine sawfly, & foliar nitrogen concentrations 070533
Nitrogen conservation under babala (Pennis- 071869
Conversion of nitrogen-containing compounds 064333
increase free alpha-amino-nitrogen content in 063310
Changes in lipid & nitrogen content during 070793
of a black spruce stand on nitrogen contents 068523
of inhibitors of nitrification on conversion of 071815
a consequence of nitrogen deficiency. 067572
Determining nitrogen nutrition of meadow g- 067922
catawbiense] under different nitrogen & pH 068369
of removal of ammonia & nitrogen dioxide f- 071723
Influence of nitrogen dose & frequency of a- 068692
effect of gradually increased nitrogen doses 068009
Distribution of basal & top-dressed nitrogen 067953
Supplies of humus & nitrogen in eroded soils 071816
of protein-free diet on nitrogen excretion in 064904
Nitrogenous excretory materials from ameri- 070915
Determination of metabolic faecal nitrogen 064247
conservation of nitrogen in farmyard manure 072108
of fertilizer application of nitrogen on fat c- 067944
Note on soil nitrogen fertility levels & sorg- 072094
Economics of nitrogen fertilization to irriga- 062531
of different level of nitrogen fertilization on 068689
under high level of nitrogen fertilization. [E- 069453
of quality cereals by nitrogen fertilization a- 072025
Economics of nitrogen fertilization to irriga- 072086
in economics of nitrogen fertilization of buri 072092
Nitrogen fertilization & harvest time for pa- 072139
Harvest of 1972 & nitrogen fertilization for 072150
Effect of nitrogen fertilization & time of so- 072162
Nitrogen fertilization for maximum product- 072204
at early heading & of nitrogen fertilizer on 067925
Fate of fertilizer nitrogen applied to paddy f- 067953
Effect of nitrate nitrogen fertilizer on rice p- 068173
Interactions in source of nitrogen fertilizer 069343
Application of nitrogen fertilizer in poplar 072008
Time of application of nitrogen fertilizer to 072020
Interactions in source of nitrogen fertilizer 072060
Effect of nitrogen fertilizer application dates 072069
Use of fertilizer nitrogen on a dairy farm. 072147
time of application of nitrogenous fertilizer 072168
Effect of nitrogen fertilizers on organic acid 067973
of different foliar-applied nitrogen fertilizers 070534
on conversion of nitrogen fertilizers in soil 071815
of different foliar-applied nitrogen fertilizers 072002
means of applying nitrogen fertilizers. 072064
of various forms of nitrogen fertilizers with 072116
of higher norms for nitrogen fertilizers on w- 072125
Effect of types of nitrogen fertilizers on yie- 072221
different amounts of nitrogen fertilizers on 072101
differentiated level of nitrogenous fertilizing 068212
Carbon & nitrogen fixation in rhizomatous 067737
of shading on nodulation & nitrogen fixation 067942
Swaine jack-pine sawfly, & foliar nitrogen c- 070533
on circulation of carbon & nitrogen in forest 066863
to raffinose carbon & glycine nitrogen in Cz- 067592
Nitrogen on grassland. [Fertilizers]. 071999
Nitrogen on grassland, response to nitrogen 072000
in amount of slightly hydrolyzed nitrogen & 071731
II. effect of gradually increased nitrogen do- 068009
Nitrogen increases orchard grass & bromegr- 062512
Effect of nitrogen & inoculum on yield & yi- 072083
vitamin requirements & inorganic nitrogen 067640
of ash elements & nitrogen in leached Cher- 071838
Leaching nitrogen from forest soil. 071930
investigations on nitrogen leaching during 072231
Relation between growth & leaf nitrogen co- 067936
Variation in leaf-nitrogen concentration in 067937
for semen preservation in liquid nitrogen. 065042
relative to freezing it in liquid nitrogen. 065084
poultry semen frozen in liquid nitrogen. 065185
Nitrogen management, plant population & r- 072154
Nitrogen metabolism of green plants. I. Rev- 067572
Nitrogen metabolism of green plants. II. Ef- 067573
certain features of nitrogen metabolism in 068169
Water & nitrogen metabolism of apple tree 068383
products & nitrogen metabolism in expandi- 068454
certain features of nitrogen metabolism in 068486
A cage designed for metabolismand nitrogen 064246
stimulation by exogenous mineral nitrogen. 067894
application of rice straw & mineral nitrogen 071731
of blood, in presence of mineral nitrogen in 072112
About effect of mineral nitrogen on yellow f- 072239
on carbon & nitrogen mineralisation of orga- 071777
Effect of nitrogen & monosodium phosphate 063809
Effect of nitrate nitrogen fertilizer on rice p- 068173
in molasses as NPN [nonprotein-nitrogen] 064853
different conditions of nitrogen nutrition. 067072
Determining nitrogen nutrition of meadow g- 067922
Effect of nitrogen nutrition conditions on gr- 068026
Influence of nitrogen nutrition on discrimin- 068032
depending on level of nitrogen nutrition. 068068
effects of potassium & nitrogen nutrition of 068122
Carbon & nitrogen nutrition of Beauveria te- 070962
Evaluation of an improved optical nitrogen- 071793
Effects of nitrogen & phosphate on Cenchrus 072019
of application of nitrogen & phosphorus at d- 068146
mineral fertilization on nitrogen, phosphorus, 068325
of fertilizers with nitrogen & phosphorus on 068497
management & NPK [Nitrogen, phosphorus, 068974
differential rates of nitrogen & phosphorus 069235
Nitrogen & phosphorus metabolism of Helm- 069423
Influence of nitrogen & phosphorus fertilize- 069538
differential rates of nitrogen & phosphorus 071990
highbush blueberry. [Nitrogen, phosphorus, 072003
of groundnut plants. [Nitrogen, phosphorus, 072035
on effect of NPK [Nitrogen, phosphorus, po- 072088
of mustard to NPK [nitrogen, phosphorus, 072093
Effect of NPK [nitrogen, phosphorus, potass- 072100
Optimum dose of NPK [nitrogen, phosphor-s, 072110
optimum dose of NPK [nitrogen, phosphorus, 072111
free NPK cheaper. [Nitrogen, phosphorus, 072171
Influence of nitrogen & phosphorus fertilize- 072174
fertilization with nitrogen, phosphorus & po- 072230
turnover of ash elements & nitrogen in pine 068565
redistribution of nitrogen in a pine tree. [Pi- 068570
Losses of nitrogen & other plant nutrients to 071802
influence on N & K. [Nitrogen, potassium]. 067567
Nitrogen-pressurized spray system for C-47 071549
mathematical model of nitrification process 071740
to shoot conditions & carbon/nitrogen ratio 068958
Nitrogen--a raw material for a fruit factory. 072047
Problem of nitrogen reaching from soils. 070949
Mobilization of nitrogen reserves & activity 067894
Effect of nitrogen residues of fertilizers & of 072185
on time of application of nitrogen to rice. 072090
Effect of increased soil nitrogen associated 068626
Sampling for soil nitrogen changes in large 071765
immobilization of nitrogen in soil. 071778
Amount of organic matter & nitrogen in soil 071948
Effect of increased soil nitrogen associated 071996
Note on soil nitrogen fertility levels & sorg- 072094
Effects of various nitrogen sources, timing, 068219
Effect of carbon & nitrogen sources on grow- 069292
Effect of different carbon & nitrogen sources 069366
for assessing efficiency of nitrogen sources f- 072007
applications of two nitrogen sources. [Agro- 072115
of Fhlorella cells after nitrogen starvation. 067588
when synthtic nitrogenous substances are in- 064449
Study of nitrogenous substances in Furcellar- 067723
productivity & nitrogen substances in grass. 068008
increased rates of nitrogen on sugar-beet yie- 068825
Determination of nitrogen in sugarbeet juice 063765
Changes in nitrogen & sulphur content & ot- 071741
meal, urea or no supplemental nitrogen in f- 064742
Role of nitrogen supplements in improving 068028
ion uptake by wheat supplies nitrogen as ni- 068126
sheep organism when synthtic nitrogenous s- 064449
lowland rice. CXIII. Effects of nitrogen top 067949
Determination of total nitrogen in plant ma- 067412
nitrogen & endogenous urinary nitrogen on 064247
Effects of various nitrogen sources, timing, 068219
Mobility & nitrification of various forms of 071978
Standard isotope versus nitrogen balance cri- 072007
Nitrogen & vitamin requirements for axenic 067702
time of application of nitrogen on yield attr- 072024

NITROGENASE
genetic control of a nitrogenase component 067325

NITROPHENOL
of parathion (O,O-diethyl-O-(p-**nitrophenyl**- 071416
naphthol or p-**nitrophenol administration.** [070411

NITROSAMINE
Nitrite & **nitrosamine content** of foods: unso- 063172
botulinum & on **nitrosamine formation** in pe- 063031
Some aspects of **nitrosamine formation.** [Ca- 063171
Update of **nitrosamine issue.** [Carcinogens, 063170

NITROSO
with effect of N-**nitroso-nMethylurea.** [Dros- 071059

NOCARDIA
culture of benzole-**destroying Nocardia** & P- 071906

NOCTUIDAE
Earias fabia (Lepidoptera: **Noctuidae**) in rel- 070321
Euxoa messoria (Lepidoptera: **Noctuidae**), in 070787
unipuncta (Lepidoptera: **Noctuidae**). 070795
of genus Euxoa (Lepidoptera: **Noctuidae**) wi- 071156
unipuncta (Lepidoptera: **Noctuidae**). 070793
Lepidoptera, **Noctuidae, Amphipyrinae.** 071133
Eastern noctuid, Poliobrya umovii Ev. disco- 071280
calamists Hmps. **(Lepidoptera, Noctuidae)** 070387
Cucullia lychnitis **(Lepidoptera, Noctuidae).** 071189
on bark-like species. **[Catocala relicta].** 070956

NODE
Vascular anatomy of **node** & **flower** of Hop- 066938
various morphactin sprays & **node position** 068225
Arterial blood supply of **sinus node** of mules 064454

NODULES
fertilization on **nodulation** of **cowpea.** 071970
of N, P & K on **nodulation** of **groundnut** pla- 072035
Seed pelleting to **improve nodulation** of trop- 071744
iron porteins from **nodules** of **legumes.** 067842
leukemic keys" in case of **nodular leukemia** 065272
respiration in bacteroids of **lupine nodules** d- 068168
of shading on **nodulation** & **nitrogen** fixation 067942
component in leguminous **root nodules.** [Rhi- 067325
on early growth & **nodulation** of **white** clover 067902

NOISE
for air pollution control & **noise abatement.** 066096
Noise hazards & control on farm. [Equipme- 071661
Noise-induced hearing losses of tractor driv- 071507
Noise measurement & control. [Forest engi- 066185
Damages of **noise pollution** to poultry farm 072491

NOMENCLATURE
Code of **Botanical Nomenclature.** 066631
Notes on **terminology** & **classfication** of syn- 066895
Trends in **nomenclature** & **classification** of v- 069695
Name's same. [Plants, **nomenclature, Harry** 066670
Psilopezioid fungi. I. **History, nomenclature,** 066734
Nomenclature of **incompletely** quoted plant 066606
Nuclear cycle & **terminology** of **spore** states 067006
Terminology of **texture** of cream. 063526

NOMIA
insecticede poisoning of **Nomia melanderi** C- 070699

NOMOGRAPHY
A **nomograph** for **estimating** evapotranspirat- 072431

NOMOPHILA
celery webworm & allies, **genus Nomophila** 071149

NONAQUEOUS
SEE AQUEOUS

NONFARM
SEE FARMS

NONFOREST
SEE FOREST

NONIRRIGATED
SEE IRRIGATION

NONPHOTOSYNTHETIC
SEE PHOTOSYNTHESIS

NONPROTEIN
SEE PROTEINS

NONVOLATILE
SEE VOLATILE

NORMALIZATION
Normal & abnormal meiosis in a partially 067121
fixation products in **normal & carotenoid** m- 068097
gall tumour & its **corresponding normal** tiss- 066976
phosphate levels in blood of **normal dairy** c- 064482
of intestinal flagellates & **normal intestinal** 065539
Effect of **normalized loads** of grapevines on 068505
of gamma sterilized moths to **normal moths** 067978
Drosophila melanogaster. I. **Normal ortan** 071069
Research on **normal & pathological** cervical 065632
contractions in sheep: **Normal pattern** of ret- 064407
for rate of emergence in **normal & stress** se- 068239
Development of a **normal tobacco** plant from 068106
composition of proteins in **normal & tumour** 067692

NOSEMA
of honeybee in Taiwan. **[Nosema apis,** Apis 071379

NOSEMATOSIS
Nosematosis: its effect of Anopheles albima- 070610

NOTHOFAGUS
crop. **[tsuga heterophylla, Nothofagus** proce- 066385

NOTODONTIDAE
migration **(Lepidoptera, Notodontidae).** 070828

NOTONECTIDAE
Heteroptera, Notonectidae). 070758

NUCLEAR
Caryotype, DNA **content, nuclear** size & he- 071010
Nuclear cycle & terminology of spore states 067006
Nucleolar & **nuclear envelope** ultrastructure 066991
Intranuclear inclusions in cells of fasciated 067025
Nuclear interactions & growth rhythms of 066929
Lignin. XVI. Synthesis, **nuclear magnetic** re- 066500
example of de novo **intranuclear membrane** 070911
European Society of **Nuclear Methods** in A- 062198
loopers infected with **nuclear polyhedrosis** v- 070936
Pathology of a **nuclear polyhedrosis** virus of 070937
investigation of **nuclear polyhedrosis** virus s- 071404
Nucleic acids & **nuclear proteins** of winter 067984
Monad pollen development: **nuclear respons-s** 066971
on metabolic activity of **nuclear & ribosomal** 068144

NUCLEASES
heat stability of **staphylococcal nuclease.** [F- 063295
assay of **staphylococcal nuclease.** [Food, St- 063296

NUCLEIC
A **nucleic acid** associated with a killer strain 067709
Effect of certain **nucleic acid** & protein inhi- 067756
redox system & on content of **nucleic acid** in 067834
Timing of **nucleic acid** syntheses & mitosis in 068061
Changes in **nucleic acid** related substances in 068082
Concentration of **nucleic acids** in organs of 065831
on root tissues & on **nucleic acids.** 067394
Localization of **nucleic acids** in fungus Ent- 067683
Nucleic acids & nuclear proteins of winter 067984
Nucleic acids in seeds of maize heterotic hy- 067989

NUCLEOLUS
Accessory nucleoli in microsporocytes of hy- 066967
Nucleolar & nuclear envelope ultrastructure 066991

NUCLEOTIDES
Adenine nucleotide translocation in Jerusal- 068280
Pyridine **nucleotide-dependent** glucose dehy- 067630
Nucleotide metabolism during pine pollen g- 068578

NUCLEUS
between wheat cytoplasm & rye **cell nuclei** 067370
on electrokinetic properties of **cell nuclei** of 068343
mediterranea cell from **nucleus, cytoplasm,** 067028
between ring canal rims & **nucleus** of **oocyte** 070773
of oocytes & their **nuclei** in three **species** of 070811
Electrical excitation of **nuclei** of **vagus** nerve 064269

NURSERIES
Problem of broadcast seeding in **nurseries.** 066381
Root pruning in **nursery.** [Pseudotsuga menz- 066387
of downy mildew in grapevines in **nurseries.** 069387
control of replant diseases in **nurseries.** [Ap- 069910
Nursery & floriculture industries in 1985. 062961
of Pinus spp. in California **forest nurseries.** 069510
Michigan's **nursery industry**--now & in 1985 062962
Fertilizers for **orchard nurseries.** 072187
grown crops in ornamental **plant nursery.** 070013
of cold-stored strawberry **nursery plants.** 063934
of nitrogen fertilizer in **poplar nurseries.** 072008
control & management of **rearing nurseries** 062451
Weed control in **nursery stock** production. 069947
on use of terbacil on **nursery stocks.** [Agrop- 069977
for a better supply of **tree nurseries** with gr- 069015

NURSERYMEN
Research results for **nurserymen.** [Growth r- 068222

NURSING
Nursing Friesian cow: A new production of 064180
Nursing Friesian cow. [Calves, fattening]. 064182

NUTMEG
Fusarium wilt of **nutmeg seedlings** (Myrstica 069309

NUTRIENTS
processing balance of some **nutrients.** 063275
for biological testing of feed & **nutrients.** 065113
aspects of study of **micronutrients.** 071899
of temperature & time on **nutrients & active** 064649
Oryza sativa L.) to **micronutrient application** 072080
chemical characteristics, **nutrient availability,** 072004
Micronutrients for North **Carolina** crops. 072155
on some chemical **characteristics, nutrient** a- 072004
growth, yield & leaf-**nutrient composition** of 068974
growth in controlled-**nutrient conditions.** [I- 067648
influenced by different **nutrient conditions.** I 069396
of eroded soils & **micronutrient content.** 071943
Seedling growth in **controlled-nutrient** condi- 067648
consumption & uptake of **nutrients** by **corn** 067883
Effect of **micronutrients** on **damage** capacity 069833
Effect of **micronutrient deficiencies** on macr- 068179
susceptibility induced by **nutrient deficiency** 069396
forming fungi in **nutrient-deprived** conditions 069496
leaf rust influenced by **different nutrient** co- 069396
distributing annual total **digestible nutrients** 064743
consumption & food **efficiency, nutrient** upt- 064630
of testing a **micronutrient fertilization** model 072027
Determining uptake of **nutrients** by **green** p- 068063
Interacting effects of **nutrients, growth** fact- 067604
on tree growth, yield & **leaf-nutrient** compos- 068974
Soil & **leaf nutrient** surveys for discriminato- 072178
rootstocks & interstocks on **nutrient levels** in 068249
zinc sulfate on growth & **nutrient levels** of 068308
Symposium on **Nutrient Losses** from Soil by 071810
Studying balance of **main nutrients** at differ- 072184
ornamental plant cuttings by **nutrient mist.** 068919
clearcutting & **nutrients** in **northeastern** Uni- 066391
Balance digestibility of **organic nutrients** in 068212
annual total digestible **nutrients over** lactati- 064743
North Queensland. 2. **Plant nutrient** status. 071743
Losses of nitrogen & other **plant nutrients** to 071802
on digestibility of **nutrients** & **protein-miner-** 064884
Energy & **nutrient requirements** for pregnan- 064693
on growth & uptake of **nutrients** by **rice** (O- 068058
determination of **micronutrients** in **soils.** 071832
ammonium uptake from **soluble nutrient** & 067573
Effect of compatability of **nutrient sprays** wi- 069820
Production & **nutrient status** of whitetop. [064066
North Queensland. 2. Plant **nutrient status.** 071743
Soil & leaf **nutrient surveys** for discriminato- 072178
food efficiency, **nutrient uptake** & nutrient e- 064630
of shoot apex on **nutrient uptake** & utilizati- 068146
on sugar-beet yield & **nutrient uptake.** 068825
lycopersici infection on **nutrient uptake** by 069241
of organic manuring on **nutrient uptake** of s- 072185
weight loss on dynamics of **valuable nutrien-s** 068293
Grain crop uptake of **nutrients** in **various** soil 067882
corn seeds with **micronutrients** on **yield** & q- 067880

NUTRITION
Feeds & **nutrition.** 23. 064613
Use of sulfates for livestock. **[Nutrition].** 064819
Amino **acid nutrition** of silkworm, Bombyx 071400
recent change in **nutrition** of **Afghanistan.** 063246
Dietetics of man through **animal nutrition.** 063223
of formulation in **animal nutrition.** 064601
Dietetics of man through **animal nutrition.** 064606
ways to solve it. **[Animal nutrition].** 064916
eliminated after calving? **[Animal nutrition]** 064876
Nutrition of **artificially** reared lambs. 3. effe- 064614
Low **calorie nutrition.** 063243
to replace milk fat, in **nutrition** of **calves,** by 064591
Annotated bibliography on **celery nutrition,** 068309
iron glycerophosphate. **[Children, nutrition]** 063227
to plane of **nutrition & compensatory** growth 064712
breed under optimum **nutrition conditions.** 064922
properties & soil **nutrition conditions** on mo- 067056
Effect of nitrogen **nutrition conditions** on gr- 068026
in relation to mineral **nutrition conditions.** 068197
leaves in relation to **nutrition conditions &** 068383
yields with various **nutrition conditions.** 068504
properties & soil **nutrition conditions** on mo- 071947
of wheat & corn & **nutritional conditon** of so- 068618
in relation to **consumption, nutritive** value 070321
Studies on **nutritional deficiencies** in maize 070340
fowls produced by **nutritional deficiency.** 064283
A new method of **diagnosing nutrition** of pl- 067678
of lambs subjected to **different nutritional** t- 064614
grass mixtures at single & **divided nutrition** 068203
School lunch--a tool for **nutrition education** 063279
Study on **nutritive effectiveness** of some co- 064912
meal. III. Chemical & **nutritional evaluation** 064688
by externally introduced **nutritive factors.** [067891
their influences through **nutritional factors.** 068022
corn protein isolate: **Nutritive, functional.** 063234
Studies on **nutrition** of **fungi.** VII. Response 067592
Relationship of **nutrition** to **germination** & 069353
Nutrition of **grey** goose, Anser anser, in sou- 064923
different planes of **nutrition** during **growth** 064711
of opaque-2 corn. [Feed, **human nutrition].** 063226
toxicological tests. **[Human nutrition].** 063228
with protein concentrates. **[Human nutrition]** 063229
Cholesterol turnover. [Rats, **human nutrition]** 063231
guinea pig thyroid tissue. **[Human nutrition** 063253
in thiamin-deficient rats. **[Human nutrition]** 063254
cholesterol-enriched die. **[Human nutrition]** 063255
for vitamin C. **[Human nutrition].** 063260
five generations of mice. **[Human nutrition]** 063265
Place of dairy products in **human nutrition.** 063268
of opaque-2 corn. [Feed, **human nutrition].** 064628
Nutrition of **infants** & preschool children in 063280
Insect nutrition. 070988

caused by externally **introduced nutritive** fa- 067891
fattening of calves with low-**iron nutrition:** e- 064781
Nutritional labeling: a nutritionist viewpoint 063105
Nutritional labeling: an industry viewpoint. 063108
Current status of **nutrition labeling.** 063164
Voluntary **nutritional labeling**--an industry v- 063165
Nutritional labeling: a nutritionist viewpoint 063245
Nutritional labelling--current status. 063084
Role of mycorrhiza in **nutrition** of **larch** sec- 068571
caused by feed in **livestock nutrition.** 064669
Effect of **nutrition & management** on reprod- 065082
Nutrition of **Melampsora** lini & Puccinia hel- 067459
wheats in relation to **mineral nutrition.** 068037
seeds in relation to **mineral nutrition** conditt- 068197
tomato fruit quality. I. **Mineral nutrition.** 072169
Nutritional muscular dystrophy of cattle. 2. 065985
different conditions of **nitrogen nutrition.** 067072
Determining **nitrogen nutrition** of meadow g- 067922
Effect of **nitrogen nutrition** conditions on gr- 068026
Influence of **nitrogen nutrition** on discrimin- 068032
depending on level of **nitrogen nutrition.** 068068
effects of potassium & **nitrogen nutrition** of 068122
Carbon & **nitrogen nutrition** of Beauveria te- 070962
Pied breed under **optimum nutrition** conditi- 064922
to encephalomalacia of **nutritional origin.** 064684
of muscle degeneration of **nutritional origin** 065960
II. In relation to **phosphorus nutrition.** 068652
Observations on **phosphorus nutrition** of two 072113
Nutrition-physiological problems in fattening 064766
Nutritional physiology & feeding of horses. 064762
Iron in **plant nutrition.** 067398
Soil-**plant nutrition** studies on tropical rice. 068156
activity relative to level of **plant nutrition.** 070154
Soil-**plant nutrition** studies on tropical rice. 072191
A **nutrition policy** for Nigeria. 063276
Nutritive possibilities for raising performan- 064863
high root temperature on **potassium nutrition** 068375
Nutritive potential of multitellering corn c- 064664
Vicia faba L) in **nutrition** of **poultry.** 064686
of linolic acid in **poultry nutrition.** 064759
Vitamin K. [**Poultry nutrition**]. 064804
reference to evaluation of **protein nutrition** 063277
Nutrition & recent change in nutrition of A- 063246
Nutrition report. 063259
Nutritional requirements of chickens & turk- 064647
Nutritional requirements of beef cattle. 064820
Nutritional requirements for lean meat type 064822
Nutritional requirements of Hevea brasilien- 067787
Data on **nutrition** of **Salmonidae.** 064722
Some aspects of food & **nutrition** in **Sierra** 063281
in gut lumen & its **nutritional significance.** 063278
of agrophysical properties & **soil nutrition** c- 067056
Soil-plant **nutrition studies** on tropical rice. 068156
dynamics of **nutritional substances** in light s- 068899
by soil percolation of **nutritive substances** c- 071785
dynamics of **nutritional substances** in light s- 071962
A three-year **nutritional survey** of Colorado 072010
Growth & **nutrition** of a **suspension** culture 067649
pork & soybeans: a **nutritious & tasty** new p- 063366
to different **nutritional treatments.** 064614
minerals; implications for **tree nutrition** & s- 068581
Intra **uterine nutrition.** 064692
Influence of pestling on **nutritional value.** 063225
from linseed meal. I. **Nutritive value** & toxi- 063228
convenience foods. [**Nutritive value**]. 063239
Nutritive value of commercial cocoa drinks. 063242
Influence of pestling on **nutritional value.** 063690
Chemical composition & **nutritive value** of y- 064070
in vitro" digestibility & **nutritive value** of co- 064600
Nutritive value of air-classified rapeseed fra- 064657
Nutritive value of haysilage & its use for fe- 064788
Study on **nutritive value** of urea for dairy c- 064803
Digestibility & **nutritive value** of grass meal 064883
Contribution to study of **nutritional value** of 068009
in relation to consumption, **nutritive value** 070321
Contribution to study of **nutritional value** of 072042
New tables of **nutritive values.** 063274
Contribution to study of **nutritional values** of 068008
productivity & yields with **various nutrition** 068504
Voluntary nutritional labeling--an industry v- 063165
Nutrition of **winter** wheat on basis of a met- 068147
A **three-year nutritional** survey of Colorado 072010

NUTRITIONISTS

Nutritional labeling: a **nutritionist viewpoint** 063105

NUTS

contents of varieties of **cashewnut** (Anacard- 068387
natural regeneration of Fagus by **beech nuts** 066330
Current status & outlook for **breeding nut** t- 067257
mite pests of tree fruits & **nuts--home** orcha- 070514
Fruit & **nut products** require sophisticated p- 063927

NYMPHALIDAE

of Smyrna karwinskii adults (**Nymphalidae**) 070952
Chlosyne lacinia (Geyer) (**Nymphalidae**). I. 070954
Hubner (1819) (**Lepidoptera, Nymphalidae**) 071213

NYMPHS

Morton with a description of **nymph.** 071275
Number & size of **drifting nymphs** of Ephe- 070984

OAK

species of genus Nepticula Heyden from **oak** 070550
on growth & future value of **oak** in **area** of 066278
On thermal regime of **oak branches** in places 070545
miner, Cameraria macrocarpae, on **bur oak** 070779
fire spread in Arizona's **oak chaparral.** [Que- 066146
borate treatment of green **oak furniture** lum- 070540
of research of Apterygota in **oak-hornbeam** 070761
Colloidal sulphur in control of **oak mildew.** 069447
of soil mositure depletion in a **mixed oak** st- 066328
on development of cove & **mixed oak** stands. 066405
of soil mositure depletion in a **mixed oak** st- 071775
Growth of American **red oak** in Courriere-M- 066277
acid on initial growth of **oak seedlings.** [Qu- 068525
distribution of pine, larch & **oak seeds** in U- 066359
notes on some parasites of **oak Torticidae** fr- 071230
Oak wilt in eastern North Carolina. [Chala- 069521

OASIS

Chemical reclamation of **intro-oasis** moving 072321

OATS

isolated from rhizosphere of barley & **oat.** 067698
of deformation of xylem vessels. [**Oats**]. 068102
out field experiments on slopes. [**Oats**]. 068804
of Pyrenophora avenae to mercury. [**Oats**]. 069263
Ulocladium atrum to phenyl-mercury. [**Oats** 069268
Race composition of crown rust of **oats** in U 069416
Amitrole against weeds in **oats.** 070211
on chemical composition of harvest. [**Oats**] 068188
from grass roots. [Corn, **barley, oats**]. 068053
small grain variety tests, 1972. [**Barley, oats** 068782
observations on occurrence of **oat blue** dwarf 069724
Stem rust of **oats** in **Canada** in 1972. 069289
Crown rust of **oats** in **Canada** in 1972. 069290
of decapitated coleoptiles. [**Oats, corn**]. 068088
acid through coleoptiles. [**Corn, oats**]. 068107
by five plant species. [Wheat, **oats, corn,** su- 069829
in virus transmission. [Blue **dwarf, oats**]. 070375
materials in endosperm of **germinating oat** 068120
Irradiating oats at different stages of develo- 068021
Effect of rust infection of **oat leaves** on cyto- 069476
rust on yield & quality of **oats** in **Manitoba.** 069278
of grass meal from a vetch-**oat mixture.** 064883
between strontium & calcium in **oat plants.** 068032
from rhizosphere of barley & **oat plants** on 068071
triphosphatase activities of **oat roots.** 068112
response in mesocoty l of **oat seedlings.** 068134
methanesulfonate treatment of **oat seeds.** 067341
a joint survey of presence of wild **oat seeds** 070017
Oat varieties for 1973. 068609
Technique of growing new **oats varieties.** 068788
electrophoresis as an aid to **oat variety** iden- 067975
nutritive value of grass meal from a **vetch-o-t** 064883
for chlorfenprop-methyl. [**Oats, weed** control 070129
chloride by **wheat, oats** & barley plants. 068195
variety trials: 1972. [Barley, **wheat, oats**]. 068751
variety tests, 1972. [Barley, **oats, wheat**]. 068782
uptake by five plant species. [**Wheat, oats,** 069829
A study on survival of **wild oats** (Avena fatua 067463
Wild oats & animal feedstuffs. [Avena fatua] 069935
Chemical control of **wild oats** in wheat with 069944
on a joint survey of presence of **wild oat** se- 070017
new herbicides effective against **wild oats.** [070023
Wild oats, where next? [Avena fatua, control 070039
Factors affecting control of **wild oats** in rap- 070106
Wild oats. [Avena fatua, Avena ludovicana] 070138
for postemergent destruction of **wild oats** (070163
Destruction of **wild oats** in cereals. [Avena 070183
Types of **wild oats** in Sweden. [Avena fatua] 070213
against Avena fatua L (spring **wild oats**). 070058

OBSTETRICS

used in veterinary surgery & **obstetrics.** 065331

OCCUPATIONS

for agriculture in general. [**Occupations**]. 062277
for nonfarm **agricultural occupations** experi- 062148
Occupational eczema in veternarians. 065279
Are supervised **occupational experience** prog- 062140
Supervised **occupational experience:** modern 062146
associated with **occupational experience** pro- 062147
Education & **occupation** of **farm** children in 062135

OCIMUM

SEE LABIATAE

OCTAHEDRAL

Octahedral crystals in Phycomyces [blakesl- 066988

OCULAR

SEE EYES

ODAGMIA

of water. [Simulium **argyreatum, Odagmia** o- 070948

ODOIPORUS

pseudostem weevil, **Odoiporus longicollis** Ol- 070879
on alimentary canal of **Odoiporus longicollis** 071092

ODONATA

noted to knowledge of **Odonata fauna** of Ta- 071345
Odonata of **Mount** Tsukuba & its vicinity, I- 071346

ODONTITES

a new iridoid from **Odontites serotina.** 067516

ODOR

Smoke, grease aerosol & **odor control** in me- 072589
Molecular basis for **scent discrimination:** re- 071381
of beef fat. Effects on **odor intensity** & ranc- 063617
Chiseling liquid manure: no **odor,** no **runoff** 072055
On **odorous substance** of agaric Rhodophyll- 067676

OFFAL

SEE WASTE

OIL

products formed by self-oxidation. [**oils**]. 063289
tea seeds. I. Extraction & properties of **oil.** 063322
Analytical problems in field of fats & **oils.** 063433
of unsaponifiable matter in **oils.** 064090
zdravetz (Geranium macrorrhizum L.) **oil.** 067557
of metallic traces in **oils** by **atomic** absorpti- 063434
Forage **beets, oleaginous** crops. [Weed contr- 070186
Glyceridic structure of **Canbra oil.** [Rape oil 063786
Note on **oil & carbohydrate** contents of vari- 068387
New **castor oil**-based urethane elastomers. 063382
fresh coconuts for recovery of **oil & coconut** 063958
Pests & diseases of **oil & coconut** palm: Par- 070369
methyl bromide. [Lard, sunflower **oil, colza** 063410
ion concentration] in **concentrated oil**-in-wa- 063400
Determination of **oil content** of rapeseeds. 063746
problems in cottonseed & **cottonseed oil** sec- 062788
yearly change of residual **creosote oil** in sta- 066564
Oil crop production in Iran. 063021
Forage beets, **oleaginous crops.** [Weed contr- 070186
India short of **edible oil,** grain. 062664
Flora helps beauty. [**Essential oils**]. 063403
of Caucasus. [Drug plants, **essential oil** plan- 066685
Dynamics of accumulation of **essential oil &** 067687
in production of Kualakep **oil-extended** natu- 063420
products. 1. Composition after **oil extraction** 063949
products of lipid oxidation. [**Oils, fats**]. 063459
Nature of oxidized fatty acids. [**Fats, oils**]. 063460
acid methyl esters & glycerides. [**Oils, fats**]. 063468
of some diacyl triglycerides. [**Oils, fats**]. 063478
Investigations on **fish oils.** V. Phospholipid 063409
of tocopherol concentration in some **fish oils** 063475
Loss of biological value of some **fish oils** dur- 063476
Studies on **fixed oil** of seeds of Sida acuta 063385
Culture of **oleaginous flax.** 068808
Textile or **oleaginous flax.** [Weed control]. 070187
Chemical examination of **flower oil** of Agera- 063346
of total more polar products in **frying oils** by 063342
Use of silicones in **frying oils.** 063381
Cost of **oil/gas** & feed. [Poultry farm mana- 062494
India short of edible **oil, grain.** 062664
growing on media with **oil hydrocarbon.** 067369
exports of oilseeds, fats, & **oils** to **increase** 062778
Developments in production of **Kualakep oil** 063420
of fatty acid composition in **linseed oils** of d- 063731
Copper-hydrogenated soybean & **linseed oils** 063754
Mineral oils as carriers for ultra-low-volume 070729
Composition of **neutral oils** from rosin. 066484
Intergovernmental Group on **Oilseeds, Oils** 063340
of minor components of **olive oil.** 063869
of oils in refining processes. [**Olive oil**]. 064038
Vegetable fat products based on **palm oil.** 063413
Oil palm bunch incinerator: Utilisation of a- 063778
translocation of boron in **oil palm.** I. Metho- 067566
translocation of boron in **oil palm.** Ii. Age of 067567
translocation of boron in **oil palm.** I. Metho- 072021
translocation of boron in **oil palm.** Ii. Age of 072022
formation during seed storage. [**Oil plants**] 063787
Caucasus. [Drug plants, essential **oil plants**] 066685
storage of rapeseeds on **oil quality.** 063864
Glyceridic structure of Canbra oil. [**Rape oil** 063786
imine treatment on seeds of **oil-rape.** 067069
of 5-vinyl-oxazolinathion-2. [**Rapeseed oil**]. 063848
content on stability of refined **rapeseed oil.** 063858
refining & deterioration of **rapeseed oil.** 063859
of some antioxidants in **rapeseed oil.** 063861
of fatty acids in heated **rapeseed oil.** 063862
Improvement of **rapeseed oils** stability by tr- 063863
oleic, linoleic acid content of **rapeseed oil.** 067096
Minor componebts of **oils** in **refining** proces- 064038
in cottonseed & cottonseed **oil sector** in Tan- 062788
on oxidation stability of rape-**seed oil.** 063856
production & storage of sunflower **seed oils** 063860
Grape **seed oil.** 064029
of Peganum harmala Linn **seed oil.** 067748
of fatty acid concentrations in **oil** of **seeds** of 068178
fats with dimsylsodium. [**Soybean oil**]. 063751
Study of **oils** of some **species** of Amygdalus. 067491
Oils & spieces in Papua New Guinea. 069227
vegetation from successive **oil spillages.** 069780
Improvement of rapeseed **oils stability** by tr- 063863
of salt marsh vegetation from **successive oil** 069780
Stability of **sulfated oils** after hydrolysis: St- 063435
methyl bromide. [Lard, **sunflower oil,** colza 063410

of a Warburg Apparatus. [**Sunflower oil**]. 063865
Sterol composition of 19 **vegetable oils.** 063383
chlorophylls transformation. [**Vegetable oils** 063474
a new sesquiterpene alcohol from **vetiver oil** 067611
Study of composition of **volatile oils** from P- 067782
determination of **oil volatiles** at panel test t- 063464
of seeding rate upon seed & **oil yield** & their 068656

OILMEAL
Oilcake supply in German Federal Republic 062714

OILPALM
cells of Elaeis guineensis. [**African oilpalm**] 068084

OILSEED
Effect of salinity on some **Brassica oilseed** v- 068422
World exports of **oilseeds, fats,** & oils to inc- 062778
of various grain flours & **oilseed, milk,** & m- 063127
Intergovernmental Group on **Oilseeds, Oils** 063340
Aminoacid compositions of **oilseed protein.** 063789
Potential for **oilseed sunflowers** in United S- 062585

OKRA
of four exotic & one local varieties of **okra** 069076
mosaic virus disease in **okra, Abelmoschus** e- 069641
caused on tomato & **okra** by **thrips,** Frankli- 070469

OLEACEAE
infection & chimeras of **Ligustrum vulgare.** 066979

OLEAGINOUS
SEE OIL

OLEIC
Maternal effects on **oleic, linoleic** acid cont- 067096

OLETHREUTIDAE
Aceriella (Lepidoptera: **Olethreutidae**), in 070531
of codling moth (Lepidoptera: **Olethreutidae** 070784

OLFACTORY
simpsoni as determined by an **olfactometer.** 070658
Role of gustation & **olfaction** in **food** plant d- 070916

OLIVES
doses of triethylene phosphoramide. [**Olives** 070447
of development of larvae of **olive fruit** fly, 070432
of minor components of **olive oil.** 063869
of oils in refining processes. [**Olive oil**]. 064038

OMASUM
cycle, movements of **omasum.** 064554

ONCHOCERCA
SEE DIPETALONEMATIDAE

ONCOPELTUS
of milkweed bug: **Oncopeltus fasciatus.** 070809

ONIONS
harvesting on keeping quality of **onions** (All- 063880
solidity & dry matter content of **onions** (All- 063893
hull & wood shaving on storage of **onion.** 063993
benomyl on Fusarium oxysporum. [**Onions**] 067311
properties of cell nuclei of **onion.** 068343
root tip cells of Allium cepa. [**Onions**]. 068360
Bulk harvesting & handling of **onions.** 069169
benomyl on Fusarium oxysporum. [**Onions**] 069428
an agent of bacterial disease of **onion.** 069594
for maximum production of **onion.** 072110
Controlling storage rot of **onion bulbs** caused 069361
Economic efficiency of **onion culture** in Don- 062599
of micro-organisms from **dehydrated onion.** 063966
emergence weed control in **drilled onions.** 070052
Studies of **Egyptian onion** by-products. 1. C- 063949
with methazole on **onions** & **leeks.** 070054
Chemical weed control in **onions** & **leeks.** 070124
new insecticide for control of **onion maggot** 070480
control of weeds in **onions** with **methazole.** 070053
Note on use of flies for **onion pollination** un- 068490
Onion Pusa Ratnar yields high. [Varieties] 069071
Allium cepa & Secale cereale. [**Onions, rye**] 067292
Direct-**seeding onions** on mineral soils. 069104
requirements for successful **onion sotrage.** I- 063924
of endosperm in two **onion species** (Allium 067049
Basic requirements for **successful onion** sotr- 063924

ONISCOIDEA
of antennery glan of **Oniscoidea Porcellio** di- 070777

ONOBRYCHIS
of sainfoin (**Onobrychis Adans.**). 062781
assortment of sainfoin (**Onobrychis Adans.**) 068202
of sainfoin (**Onobrychis Adans.**). 068204
an assortment of sainfoin (**Onobrychis adans** 068205
of sainfoin (**Onobrychis viciaefolia** ssp. sativa 068877

ONTOGENY
of maize at late stages of **ontogenesis.** 067090
homologous chromosome loci in **ontogenesis.** 071042
Ontogeny & age groups of Helictrotrichon s- 066747
Ontogeny of **chicken** hemoglobin. II. Chro- 064448
Compared ontogeny of two types of chlorop- 066992
of flax under **ontogenesis** at **different** levels 068074
Ontogeny & histochemistry of intermediate 067480
Modulation of **immuoglobulin ontogeny** in c- 065530

OOCYSTIS
thylakoids of green **alga Oocystis** marssonii 066989

OOCYTE
between ring canal rims & nucleus of **oocyte** 070773
Yolk deposition in Douglas-fir **beetle oocytes:** 070921
during transport into **developing oocyte** of c- 064323
Chromosomal interchange in **mature oocytes** 070968
Size relationship of **oocytes** & their **nuclei** in 070811

OOGENESIS
Oogenesis in **Drosophila** virilis. I. Interacti- 070773
genital organ & **oogenesis** in non **treated** sp- 070301

OOPHAGOUS
Trichogramma chilonis Ish. **oophagous wasp** 070351

OPAQUE
biological quality of **opaque-2 corn.** [Feed, h- 063226
methionine levels in **Opaque** 2 & **Floury** 2 067879

OPHIOBOLUS
eastern Washington. [**Ophiobolus graminis**] 069479

OPHYRA
First occurrence of **Ophyra aenescens** (Wie- 071357

OPILIONES
on a collection of **Opiliones** from **Poroshiri-** 071252

OPTICS
of genetic effects of **optical brighteners** in y- 067312
A simple **optical device** for measuring vertic- 066213
Evaluation of an **improved optical** nitrogen- 071793
Light-optical & electron microscopic study of 067055
holochrome. 3. **Optical & photochemical** pr- 067752
Optical rotatory dispersion of sparteine alk- 067534
Optical scanner-friend or foe? [Retail mark- 062705

OPTIMIZATION
Optimal agricultural utilization of biosphere 072563
Determining **optimal batch** sizes in ornamen- 068950
Optimization of **blade** & of working parame- 063428
Optimizing combinations of branches of far- 062380
hemolytic complement: **optimal conditions** f- 064277
texture of "grape soils" & **optimal dosage** of 069936
Data processing in **optimal feed** rationing for 064723
Optimizing grain farming & improving profi- 062592
Intertemporally optimal urban pollution. 072583
Optimal livestock husbandry by designed en- 064162
Optimization of **medium** & cultivation condi- 067783
Optimizing milk transportation. 062644
A model of an **optimal plan** concerning pulp 066535
use of simulation to develop an **optimal plan** 072602
Optimised plot-related mineral fertilization 072031
Optimization of **sampling** for determining w- 071791
Optimization of **size** & pattern of forage cr- 062278
Optimal storage of wine, comparison of con- 063872

OPTIMUM
Problems of **optimum amount** & structure of 062579
of determining **optimum capacity** of speciali- 062370
Determination of **optimum capacity** of agric- 071618
Optimum combinations of branches. [Divers- 062335
parameters for **optimum composting.** 072016
Optimum conditions for determining fat oxi- 063437
On selecting **optimum conditions** for sulfitat- 063793
Study of **optimum conditions** for sulfitation 063799
A note on **optimum dates** of sowing of olitor- 068734
Optimum designing of rice irrigation checks 071452
Determining optimum economic life of lives- 062306
on methodology of **determining optimum** ca- 062370
Outline of **optimum districts** for supplying r- 062362
Optimum dose of NPK [nitrogen, phosphor- 072110
To find out **optimum dose** of NPK [nitrogen 072111
On **optimum duration** for glycerine treatme- 065084
Determining **optimum economic** life of lives- 062306
Brussels sprouts: **estimated optimum** plant 068977
Optimum number, size, & location of tables- 063975
Pied breed under **optimum nutrition** conditi- 064922
of crop cultivation for **optimum planning** of 062267
Brussels sprouts: estimated **optimum plant** 068977
On **selecting optimum** conditions for sulfitat- 063793
Optimum selection of parameters of self-pr- 071697
Optimum size cotton gin as related to asse- 062567
Optimum utilization & distribution of feeds 064715

OPUNTIA
in calcareous alga **Halimeda opuntia** (L) (C- 067623

ORAL
evaluation of viscosity. I. Non-**oral methods.** 063397
evaluation of viscosity. II. **Oral methods.** [063398
control of efficacy or **oral quinidine** sulfate 065918

ORANGES
Stimulation of differentiation in **orange** (Cit- 068468
chick embryo. I. Changes in **acridine orange** 064347
Acridine orange staining & iodine quartz flu- 067016
new fruit rot disease of sweet **orange caused** 069374
function) indices of **chironja, orange** & grap- 068421
carotene content in redand **orange-fruited** t- 067143
potassium content of **orange fruits.** 068325
color sorting of citrus fruits. [**Oranges, limes**] 064018
fruit size & quality of **mandarin oranges.** 068216
of technical development of **mandarin orange** 068922
between tree shapes of **mandarin orange** & 068981
control in an orchard of Cox's **orange Pipin:** 070076
response of Hamlin" **oranges** in **relation** to 063877
V. On CA-storage of **Satsuma orange** used f- 063968
wind-speed in drying of **Satsuma oranges.** [063973
Late-varieties of **Satsuma orange.** 068921
of chemical thinning in **Satsuma orange.** III 068958
Radiosensitivity of **Shamouti orange** (Citrus 068467
of pre-harvest fruit drop in **sweet orange.** [A- 069362
Granulation of **Valencia oranges.** 063901

ORCHARDGRASS
Studies on tillering in **orchardgrass** (Dactylis 068080
additive for wet crops of **cocksfoot** & **lucerne.** 064064

ORCHARDS
Biological control in **orchards.** II. [Insect p- 070486
Using miticides in **orchard.** 070512
for protecting **orchards, airports** & other ob- 069750
of apple trees planted in old **apple orchard** s- 068308
Pollination in new **apple orchards.** 068510
Smith apple in French **apple orchard.** 069124
Lepidoptera: Tortricidae) in **apple orchards.** 070466
Lepidoptera: Tortricidae) in **apple orchards.** 070467
Mite pests of **apple orchards.** [Tetranychidae 070489
for citrus culture in **Atagawa Orchard.** 068959
pear, prune, & sweet & sour **cherry orchards** 072010
Survey of outstanding **citrus orchards.** 4. 068920
orange & improvement of **citrus orchard.** 068981
Planning **citrus orchards** for tomorrow. [Cul- 069007
of pest control in **commercial orchards.** 070481
fruits & nuts--home **orchard cooperative** ext- 070514
Pratylenchus penetrans under **orchard cover** 069769
D for sward control in an **orchard** of Cox's 070076
Orchard culture at Moldavian Machine Test- 071666
operative machines. [**Orchard equipment,** vi- 071665
Slop management for **establishing orchards.** 072294
Nitrogen increases **orchard grass** & bromegr- 062512
insect spray schedule for **home orchards:** pe- 069916
insect spray schedule for **home orchards:** ap- 069917
pests of tree fruits & nuts--**home orchard** co- 070514
Studies on **orchard illumination** against fruit 070426
Nitrogen **increases orchard** grass & bromegr- 062512
of capital investments in **irrigated orchards.** 062568
When **orchard irrigation** comes from guess- 069131
Fertilizers for **orchard nurseries.** 072187
in soils of Ontario **peach orchards.** 069768
of electrorepellents for **protecting orchards,** 069750
altitude afforestation through **seed orchards** 066399
Cobalt in **orchard soils** of lowland Dagestan 071721
maleic hydrazide on an **orchard sward** & on 070077
apples in a palmetto-**type orchard.** 068506
Test of large rotary flasher in **vine orchard** 070426
mechanization for **orchards** & **vineyards.** 071664
Management of **young orchards** up to six ye- 068928

ORCHIDACEAE
Fossils attributed to **Orchidaceae.** 066613

ORCHIDS
Orchids for **beginner.** 3. Plant structure & g- 066921
bless dew & rain water. [**Orchids, culture**]. 068938
Feeding orchids. 069043
Orchid genera, illustrated. XXXII. [Doritis] 066618
An **orchid genus** new to Peru. [Porroglossum 066617
Starting an **orchid library.** 066573
Classics of **orchid literature.** 2. Select orchi- 068940
An account of **moth orchids:** ascendancy of 068939
Clonal propagation of **sarcanthine orchids** by 068237
Orchids of **Southeast** Asia: genus Robiquetia 066614
of some Australian **terrestrial orchids.** 068414

ORDINATION
an eigenvector method of **ordination.** [Plant 066856
Ordination: mathematical elegance & ecolog- 067643

ORGANIC
Organic acid determination on treated & un- 064046
formalin on production of **organic acid** in di- 064048
Effect of nitrogen fertilizers on **organic acid** 067973
Glycerol & **organic acids** of malt. [Barley]. 063782
Studies on sugars, **organic acids** & volatile c- 063884
respiration & metabolism of **organic acids** of 068500
activity in lateral direction of **axial organs** 067403
in anatomic structure of old **axillary organs** 066999
crop response of a newly **broken organic** soil 072004
algae & detection of **organic calcium** fractio- 067623
of some methods of **organic carbon** estimati- 071797
of dynamics of content of **organic carbon** in 071965
on potassium nutrition & on **certain organic** 068375
on influence of doses of **organic & chemical** 072207
Inquiry research on **organic chloride** pestici- 063116
of colloidal phase of milk: **Organic colloids** 063572

nutrition & on certain **organic consituents** of 068375
blood & smear-prints from **damaged organs** 065873
Studies on pattern of **organ development** in 066995
Seasonal patterns of **digestible organic** matt- 067919
lower moor peat as **organic fertilizers** from 068258
Effect of mineral & **organic fertilizers** on wi- 072065
Efficiency of **organic fertilizers** in providing 072196
developmental changes in **organs** of **flight** & 070833
crops. I. Callus & **organ formation** in anther 068397
Directed neoformation of **organ fragments** of 067453
varieties: tools for **organic gardeners.** 070494
Organic gardening can be successful if you f- 069057
indices for evaluation of **genital organ** in bul- 065176
observations of teh inner **genital organs** (pel- 065237
Tumors of **genital organs** in domestic anima- 065940
I. Development of female **genital organ** & o- 070301
to morphology of **genital organs** of aphids 071078
of nucleic acids in **organs** of **healthy** swine 065831
studies in some soils with a **high organic** ma- 071862
by interaction with **organic** & **inorganic** frac- 071936
Peroral application of new **organic iron** co- 066013
of commercial fertilizers & **organic manures** 072148
residues of fertilizers & of **organic manuring** 072185
of paraquat with soil **organic materials** & m- 070231
of paraquat with soil **organic materials** & m- 070232
of paraquat with soil **organic materials** & m- 071956
of paraquat with soil **organic materials** & m- 071957
production & distribution of **organic matter** 066857
patterns of digestible **organic matter** & prot- 067919
nitrogen mineralisation of **organic matter** a- 071777
in some soils with a high **organic matter** co- 071862
Changes in **organic matter** composition of K- 071880
Amount of **organic matter** & nitrogen in soil 071948
Effect of **organic** & **mineral** fertilizers on co- 072122
Effect of **organic** & **mineral** fertilizers on pr- 072237
soils under application of **organic** & **mineral** 072240
Balance digestibility of **organic nutrients** in 068212
of chromosomes caused by **organic peroxide.** 067347
exposed to phospho-**organic pesticides** phos- 070746
poisoning in cows due to **organic-phosphorus** 066056
Organic phosphorus preparations for control- 070361
Resistance to **organic phosphorus** insecticid- 070473
poisoning in cows due to **organic-phosphorus** 070737
deficiencies in hay from **reclaimed organic** s- 068206
Involution of **reproductive organs** & weight 064402
in eggplant. V. On **organ sensitive** to extern- 068396
inhibitors in meat & **organs** of **slaughter** an- 063179
interactions of paraquat with **soil organic** m- 070231
interactions of paraquat with **soil organic** m- 070232
interactions of paraquat with **soil organic** m- 071956
interactions of paraquat with **soil organic** m- 071957
response of a newly broken **organic soil.** 072004
in hay from reclaimed **organic soils** of centr- 068206
deficeiency of sugar beet in **organic soils.** 069884
control in Brassica crops on **organic soils.** 070048
of anhydrous ammonia & **organic solvents** w- 063826
Organ specific multiple forms of glutamic d- 068131
Methods of **studying organic** substances of s- 071790
formation of cobalt with **organic substances** 071934
Studies on **sugars, organic** acids & volatile c- 063884
Changes in **organs** after **vaccination** with B- 065807
on mercury content of **various organs** of rats 066076
accumulation of boron in **various organs** of 067401
of simazin in soil & in **various organs** & par- 069939
of alkaloid localization in **vegetative organs** 067395

ORGANISM

of Vibrio coli & "Borrelia like **organisms"** in 065692
Proteus & **Aerobacter organisms.** 065496
metabolism in **animal organisms.** [Ducks]. 064272
sarciniforme (Cav.) Wilt. **Causal organism** of 066908
beta-hemolytic & Escherichia **coli organisms** 065706
sulphite on recovery of **micro-organisms** from 063966
of mycoplasmalike **organisms multiplying** in 069652
on sensitivity of **organisms pathogenic** to an- 065846
Development of **planktonic organisms** of an 066828
processes in **organism,** with **reference** to pr- 065096
Carbohydrate metabolism in **sheep organism** 064449
in development of **Toxoplasma organisms** in 065731
of formation of radioraces in **yeast organisms.** 067342
On beta fructosidases of **yeast organisms.** 067720
of protein metabolism in **organism** of **young** 064452

ORGANOGENESIS

at different stages of **organogenesis** of **shoot** 068146
Effect of kinetin on **organogenesis** in **tobacco** 069614

ORGANOLEPTIC

linseed oils: **composition, organoleptic** quali- 063754
Histochemical, organoleptic & tenderness p- 063639

ORGANOPHOSPHORUS

of new **organophosphorus compounds.** [Lept- 063175
action of **organophosphorus compounds** & v- 070421
in using **organophosphorus insecticides.** [Cat- 066054
resistance to **organophosphorus insecticides** 070636
in using **organophosphorus insecticides.** [Cat- 070644
of potential **organophosphorus insecticides.** I 070706
application of **organophosphorus pesticides** 070744

ORGYIA

of Bacillus thuringiensis on **Orgyia antiqua** 070527

ORIBATEI

genus, Afrozetes (Microzetidae : **Oribatei**). 071119
distribution of **Oribatei** in **developed** peat b- 071256
distribution of **Oribatei** in **exhausted** peat b- 070820

ORIENTATION

New **orientation** in **business** policy of milk 062793
of a new **orientation** also in this **country:** A 065654
Fodder production & **demand-oriented** supply 064676
Application of plot-**oriented fertilizztion** rec- 072032
Maze learning & **orientation** in **fire** ant (So- 070903
prebored lead holes, & **grain orientation** on 066550
Large orientations of agricultural mechaniza- 071515
Main orientation in complex research of su- 068740
problems of site-**oriented outdoor** vegetable 062349
Varieties must be **site-oriented** for maximum 068669
Fund for **Orientation** & **Stabilization** of Agr- 062532
Orientation of **Thaumetopoea** pityocampa S- 070828

ORNAMENTAL

Problems in **exporting ornamental** flowers. 062728
control for container-**grown ornamentals.** 069981
Ornamental Hibiscus--propagation & culture 069037
Pest control chart for **ornamentals** in **home** 070492
plants. 8. Propagation of **ornamental plant** 068919
optimal batch sizes in **ornamental plant** pro- 068950
New **ornamental plant** varieties. 069021
of field grown crops in **ornamental plant** nu- 070013
Roses which are not. [**Ornamental plants,** n- 066794
Growth regulators, **ornamental plants**]. 068222
to British growers. [**Ornamental plants**]. 069093
Planting quality. [**Ornamental plants**]. 069094
Woody **ornamental plants** tested for Monta- 069130
Pests of **ornamental plants** & their control 070434
response of cuttings of **several ornamentals** 068224
of insect & mite pests of **ornamental trees,** 070515
Ornamental vines for New Mexico. 069092
Germination of three **woody ornamentals** in 068227

ORNITHINE

Liver **ornithine carbamyl** transferase & blood 064924
Effect of **ornithine** & **citrulline** on utilization 068157

ORNITHODOROS

spermatophore of tick, **Ornithodoros savign-i.** 070926
of tick repellents. [**Ornithodorus tholozani**] 070614

ORNITHOSIS

with quails for **ornithosis** & **salmonellesis** & 065725

OROBANCHACEAE

for control of **Orobanche aegyptiaca** on wat- 070153
of Crimea. [Phytomyza, **Orobanche, control** 070236
Phytomyza for **controlling Orobanche** in su- 070235
of root exudates on **Orobanche seed** germin- 067874
in control of **Orobanche** of **tobacco.** 070202

OROSIUS

of its cicadellid vector. [**Orosius albicinctus**] 069640

OROTIC

Effects of **orotic acid** on development of vit- 064659

ORTHONIL

Orthonil compared with phytohormones in 068011

ORTHOPTERA

mutation in Locusta migratoria (**Orthoptera** 070776
Zonocerus variegatus, (**Orthoptera:** Acridoid- 070825
of several new species (**Orthoptera:** Tettigon- 071111
nematodes in Locusta migratoria (**Orthopte-a** 071079
Orthoptera, Blattodea, & Dermaptera in M- 071283
Nearctic desert sand **dune Orthoptera.** XIV. 071195
Dolichopoda (**Orthoptera Rhaphidophoridae** 071350
Scopoli (**Tettigonioidea, Orthoptera**) in Sou- 071087

ORYZA

SEE GRAMINEAE

ORYZAEPHILUS

rapeseed stocks. [**Sitophilus, Oryzaephilus,** 070581
Sensitivity of **Oryzaephilus surinamensis** (C- 070571
temperatures. [**Oryzaephilus surinamensis**]. 070586

OSCILLATION

Innate **seasonal oscillations** in rate of milk 064442
Oscillatory transpiration & water uptake of 068102

OSCINELLA

Microflora of barley **pest Oscinella** pusilla. 071036

OSMOSIS

of monovalent ions & **osmotic pressure** on s- 070910
of protein as a result of **osmotic shock.** [Ki- 068442
Effects of **osmotic water** stress & gibberellic 068525

OSMUNDACEAE

in young gametophytes of **Osmunda regalis** 067798

OSTEODYSTROPHY

Cases of **osteodystrophia fibrosa** in cat & ho- 065943

OSTERTAGIA

Trichostrongylus axei & **Ostertagia ostertagi** 065525
of cattle in Sweden. [**Ostertagia ostertagi,** 065590

OTITIS

isolated from dogs with **otitis** & **cystitis** to 065452

OUTBREAK

Investigations into an **outbreak** of **blindness** 065499
Bollworm outbreaks on cotton in Arkansas: 070309
Outbreak of **ermine** moth Yponomeuta evon- 070267
Some observations on a **field outbreak** of an- 065596
Outbreak of **infectious** keratoconjunctivitis 065770
beginning of its **outbreak** in **Poland.** [Leuca- 070496
A **serious outbreak** of strains of Cercospora 069520
An **outbreak** of **tetanus**-like disease in cattle 065413

OVA

membrane of hen's **ovum** by a **trypsin**-like a- 065025

OVARIECTOMY

pregnancy in intact & **ovariectomized sheep** 064960
Dorset sheep following **unilateral ovariecto-y** 065032

OVARY

between feed, feeding & **ovary anomalies.** [064855
Generative function of **ovaries** of **Askania-N-** 065167
On formation of **ovary cysts** based on a co- 065964
Attempts to treat **ovarial cysts** in cows with 065984
Cystadenoma of **ovary** in a **fowl.** [Chickens] 065932
allata in relation to **ovarian maturation** in s- 070946
animals. II. Seven cases of **ovarian tumors** in 065940

OVICIDE

Search for **ovicides** among **pesticides** & fertil- 065553

OVIDUCT

forming region of **oviduct** & **development** of 064477
Chemical sympathectomy of **rabbit oviduct** 064443

OVINE

hormone: inteference by **ovine albumin.** 064309
associated with calcification in **ovine kidney** 065930
Ovine listeriosis. 065406
aureus isolated from cases of **ovine mastitis.** 065613
Common trees with **ovine perinatal** mortality 065414

OVIPOSITION

environmental factors & **oviposition.** 069705
of a uterine thread on **oviposition** & **egg** co- 064290
From **oviposition** to **emergence** of Anax pan- 071048
chemical stimuli on **oviposition** in **Hylemya** 070474
Oviposition & **larval** development of Hylem- 070476
conditions on **oviposition** & **longevity** of Api- 071076
of photoperiod on **ovipositional patterns** of 071046
of localization of **oviposition** of **Pissodes** not- 070558
blood feeding, & **oviposition** of **Simulium** d- 071072
branches in places of **oviposition** of **Tortrix** 070545

OVIS

Spread of **Anaplasma ovis.** 065378
protein metabolism in ram (**Ovis aries**) spe- 064937
On variability of **Brucella ovis.** 3. 065680

OVULATION

On course & diagnosis of **ovulation** in **cows** 065155
on induction of **ovulation** in **domestic** fowl, 065031
Ovulation rate of Finn-Dorset sheep followi- 065032

OVULE

Aseptic culture of **Amaryllis ovules** & tissues 068438
in orange (Citrus sinensis) **ovular callus** in r- 068468
seeds of micropyle part in **cotton ovule** in p- 067050

OWNERSHIP

production in nationally-**owned combined** br- 064214
lawns for home **owners cooperative** extension 070515
between large-scale state-**owned farm** enterp- 062399
of products from state **owned farms.** 062687
Forest resources & **ownership** in **Finland,** 1 066197
from 1930--45 on state-**owned lands** in Pera 066327
Recreation & **woodland owner.** 066194

OXALOACETATE

of isolated mitochondria to **oxaloacetate.** [R- 064320

OXEN

plasmatic protein content of meat of **oxen.** 063596
of uvea & retina in man, primates & **ox.** 064338

OXIDANTS

Determination of **antioxidant activity** of coc- 063465
of some **antioxidants** in **rapeseed** oil. 063861

OXIDASES

of several d-amino **acid oxidases.** [Assay me- 067545
Circular dichroism of **cytochrome oxidase,** c- 064319
histochemical study of **cytochrome-oxidase** 064487
Indole-3-**ethanol oxidase:** kinetics, inhibition 068453
blue light on activity of **glycolate oxidase** & 067998

OXIDATION
in some fish oils upon their **oxidation.** 063475
lignin by means of methylation & **oxidation** 066406
state in **photooxidation** of **chlorophyll.** 067558
Coupled oxidation of chlorophyll a with lino- 067674
from fungi, 22. **Oxidative cyclisation** of hyd- 067485
Photooxidation of **cytochrome** b559 & elect- 068270
for determining fat **oxidation degree** by thio- 063437
manure disposal in a model **oxidation ditch** 065380
isoenzyme composition of **oxydation enzyme** 068220
On **oxidative enzymes** of grape must. 064023
during bread making: **Oxidation** of **essential** 063785
conditions for determining **fat oxidation** deg- 063437
Nature of **oxidized fatty** acids. [Fats, oils]. 063460
Oxidized fatty acid formation during seed s- 063787
analysis of products of **lignin oxidation.** VII. 066406
of various products of **lipid oxidation.** [Oils, 063459
Metal catalyzed **lipid oxidation.** [Food]. 063471
enumeration of **manganese oxidizing** & redu- 071908
Peroxidase **mediated oxidation** of tyrosine: 063339
manure disposal in a **model oxidation** ditch 065380
Nonvolatile oxidation products of fatty acids 063862
Separation of **autoxidized phospholipids.** [F- 063477
inhibitors on **oxidative phosphorylation** by p- 068266
action on **oxidative phosphorylation** in mito- 068593
produced by **oxidized polyunsaturated** lipids 063454
Oxidation processes in production & storage 063860
Nonvolatile **oxidation products** of fatty acids 063862
II. Fatty acid synthesis & **oxidation rate,** as 064907
Reduction & **oxidation reactions** in kraft liq- 066529
complexity & **oxidation-reduction** of iron by 068177
of volatile products formed by **self-oxidation** 063289
Oxidative stability of some diacyl triglyceri- 063478
organoleptic quality & **oxidative stability.** 063754
Influence of refining on **oxidation stability** of 063856
volatile products of **oxidation** through **thin** l- 063290

OXIDE
from barley kernels with **ethylene oxide.** [F- 069275
of phosphorus pentoxide & **potassium oxide** 072230
of phosphorus pentoxido, **potassium oxide** & 072240

OXYGEN
of high & low **oxygen concentration.** [Pinus 066503
III. Influence of low **oxygen concentration** 067943
tuberosum L. tubers & **oxygen consumption** 068295
related pollutants on **oxygen consumption** of 070732
of plants under conditions of **oxygen deficit** 067404
Total **oxygen demand** of various warp size f- 063828
in CO2[carbon dioxide]-**dependent oxygen** e- 068411
measurements of **oxygen effects** on net phot- 067415
as a determinant of **oxygen enhancement** rat- 067622
dioxide concentration on **oxygen evolution** 067444
Absorption of **oxygen** by **Salix** wood in relat- 068572
Oxygen saturation of blood of sheep after o- 065989
Effects of storgae on **oxygen uptakes** & deh- 071836

OXYGENATION
of blood of sheep after **oxygenation.** 065989

OXYTETRACYCLINE
Levels of **oxytetracycline** on **blood** serum of 065694

OXYTOCIN
endogenous plasma **oxytocic activity** in lacta- 064427
Oxytocin & its action on **myometrium** & m- 064250
Oxytocin for **retention** of afterbirth in cows 066000
plasma levels of **oxytocin** & **vasopressin** in 065021

OYSTERS
parahaemolyticus to cold in **oysters, fish** fill- 063121
Chalk or **oyster shell** for hens. [Feed]. 064667

OZONE
Inactivation of viruses in water with **ozone.** 072507
white pine by sulfurdioxide & **ozone alone** & 066089
Influence of **ozone** on **deciduous** forest tree 066156
graminis f. sp. Tritici on **ozone injury** in wh- 069498
Photochemical smog & **ozone reactions.** [Po- 072481
sensitivity of soybeans to **ozone** as **related** to 069779
susceptibility: uptake of **ozone** & **sulfur** diox- 069781

PACKAGING
pleasing to consumer? [**Packaging**]. 062718
of fruits by an **appropriate packaging.** 063904
Packaging of **cheese.** 063563
Disposable packaging made of Stryropor for 063909
activities under FPLA. [**Fair Packaging** & L- 062912
FPLA [**Fair Packaging** & Labeling Act] tod- 062913
FPLA [**Fair Packaging** & Labeling Act]--ex- 062915
After FPLA [**Fair Packaging** & Labeling Act 062916
activities under FPLA. [**Fair Packaging** & L- 063103
FPLA [**Fair Packaging** & Labeling Act]--ex- 063107
After FPLA [**Fair Packaging** & Labeling Act 063109
FPLA [**Fair Packaging** & Labeling Act] tod- 063111
national program. [**Food, packaging,** labeling 062914
Polyamide plastics for **food packaging.** 063362
Aspects of **packaging frozen** food & similar 063354
Legal stipulatins concerning **fruit packaging** 062887
Use of pliable films for **packaging** of **fruits:** 063916
Tasks of **packaging industry** in food sector. 062660
Packaging materials. [Fruit]. 063905
Labeling & **packaging meat** & poultry produ- 062918
foils for **packaging** based on **polypropylene.** 063363
Retail packaging of liquid milk. [Great Brit- 062763
nut products require **sophisticated packaging** 063927

PACKING
should be carefully handled & **packed.** 063925
method of forage conservation on **packed cell** 064965
case study: Syneresis of Cold-**Pack Cheese** 063525
Modern flex-**packs demand:** bacterial & inse- 063093
Export packings for fruits from South Africa 063910
Wooden boxes for **packing** of **fruits.** 063906
Corrugated cardboard in **packing** of **fruits.** 063907
Packing of **fruits** in Netherlands. 063911
Solid wastes in meat **packing industry.** 072588
type on quality of pre-**packed mushrooms.** 063977
location of tablestock potato **packing plants** 063975
rational final step of a **packing process** line. 063725
repressive measures for **processing, packing,** 063068
meals in relation to **packing technology** & p- 063404
Packings utilized for transport & commercia- 063912
in quality of fruit & **vegetables packed** in b- 063891
agronomic characters of **Virginia, wrapper,** c- 069213

PADDOCK
Paddocks for **beef.** [Cattle, grazing]. 064596
A comparison between a **paddock system** & 064652

PADDY
Response of **paddy** (IR-8 & Jaya) to nitrog- 072081
on grain losse s due to **paddy armyworms.** 070341
top-dressing of nitrogen in **Bangkhen paddy** 068156
striatellus Fallen in non-**cropping paddy** fiel- 070332
some modern insecticides to **paddy cutworm** 070348
yield of rice plant in ill-**drained paddy** field 068174
Response of **paddy** to **fertilizers** in Shimoga 072153
of fertilizer nitrogen applied to **paddy field** 067953
fate of basal nitrogen in **paddy field** & its a- 067954
dressing of nitrogen in Bangkhen **paddy field.** 072191
yield of rice plant in ill-drained **paddy field** 072461
allied species collected from **paddy fields** in 070333
mechanism of manganese in **paddy soils.** 3. 071811
Growing **summer paddy.** [Rice, India]. 068743
phosphatic fertilizers in high **yielding paddy** 072089

PADS
observations of a horizontal **pad cooling** ven- 071487

PAEONIA
of shoots of certain species of **Paeonia** L. 067701

PAINTING
Ecological studies on **aphid, painted** bug & 070326

PAIRING
Significance of meiotic **chromosome pairing** 067093
Recombination in **paired & individual** kerne- 067155
congenital malformations: a **matched-paired** 064354

PAIRS
genes at Ml-a-locus in six **pairs of isogenic** 067128

PALATABILITY
SEE TASTE

PALEARCTIC
Note on some **Palearctic species** of Rhithro- 071113
West **Palearctic species** of bee family Melitt- 071311
notes on four **Palearctic Sphecidae** (Hymen- 071303

PALEOBOTANY
brown coalfield (Leninakan). [**Paleobotany**] 066630

PALEOECOLOGY
progressive **palaeoecological integration.** 071023

PALLETS
Nailing **frozen pallet** lumber. 066560
Mibant test criteria for **pallet nails.** 066559

PALM
Oil **palm bunch** incinerator: Utilisation of a- 063778
certain diseases of **coconut palms** in Puerto 069433
Pests & diseases of oil & **coconut palm:** Par- 070369
certain diseases of **coconut palms** in Puerto 070472
in oil palm. Ii. Age of **palm, frequency** of a- 067567
Vegetable fat products based on **palm oil.** 063413
translocation of boron in **oil palm.** I. Metho- 067566
translocation of boron in **oil palm.** I. Metho- 072021
translocation of boron in **oil palm.** Ii. Age of 072022
improvement of west coast **tall palms** for hi- 067100

PALMAE
of an electric germinator. [**Palmae**]. 067744

PALMETTO
Water system of **palmetto-type** apple trees i- 068381
of Johnathan apples in a **palmetto-type** orc- 068506

PALYNOLOGY
Palynology of six **sections** of Late Quaterna- 066653
Sonchus L. s.l. III. **Palynological study.** 066645

PANAX
Production & marketing of **Panax roots** (gin- 062727

PANCREAS
perfringens on a **casein-pancreatic** medium. 065762
acid sequence of porcine **pancreatic elastase** 064312
Zinc 65 secretion by **exocrine pancreas** of c- 064497
splitting of natural fats by **pancreatic lipase** 063410
chromatography of **porcine pancreatic** ribon- 064366

PANCREATITIS
Treatment of **acute pancreatitis** in dog. 065453
Acute pancreatitis in dog. 065924

PANONYCHUS
citrus red mites. II. [**Panonychus citri**]. 070421
Effect of European red **mite, Panonychus** u- 070423
Scotia. [Aculus **schlechtendali, Panonychus** 070424

PAPAVER
Papaver bracteatum Lindl.--a new plant sou- 067673
in wild populations of **Papaver dubium.** Vi. 067167
in wild populations of **Papaver dubium.** Vii. 067168

PAPAYAS
crotalariae causing collar rot of **papaya.** 069489
palmivora in culture media. [**Papayas**]. 069490
sources on growth of **papaya anthracnose** fu- 069292
in freeze-dried fruits. [**Granadilla, papayas,** 064012
Papaya mosaic disease. 069636
Shredded-leaf disease of **papaya tree.** [Virus 069678

PAPER
of bagasse & wheat straw pulping for **paper** 063371
Paper chromatography in laboratory diagno- 071416
industry as a partner of **paper industry.** 066407
Perspectives in pulp & **paper industry.** 066508
of use of banana waste for **paper pulp.** 064011
factors on price fluctuation in **paper** & **pulp** 066441

PAPILIO
environmental control in **Papilio polyxenes** 070969

PAPILIONACEAE
on lupine & selected **papilionaceous crops.** 069452

PAPILIONIDAE
asterius Stoll (Lepidoptera: **Papilionidae**). 070969

PAPILLOMA
fluorescence of potato **wart fungus** resting s- 069250

PAPRIKA
Paprika for **India.** 069202

PARAINFLUENZA
SEE INFLUENZA

PARALYSIS
Vaccination for **fowl paralysis** (Marek's dis- 065461
for Marek's disease (**fowl paralysis**). [Avian 065462

PARAQUAT
treated with aminotriazole & **paraquat.** 069987
degradation on **paraquat adsorption.** 070231
july applications of **glyphosate, paraquat** & 070042
of adsorption of **paraquat** by **humic** acid & 070720
chemical interactions of **paraquat** with **soil** 070232
chemical interactions of **paraquat** with **soil** 071956
chemical interactions of **paraquat** with **soil** 071957

PARASITES
Adventurous life of **parasites.** 2. [Animals]. 065904
Parasitism of **Agriotes** obscurus Linneaus (071033
with enduring forms of **animal parasites:** A 065663
Behaviour of an **aphid parasite** & its hosts in 070522
Hypera poastica, **parasites, Bathyplectes** cu- 070307
Cynipidae), a **parasite** of **cabbage** root fly 070520
dynamics & **parasites** of **Coleophora** laricella 070564
calves: Influence of **parasite control** on herd 065624
A new **parasitic disease** of honey bees in Bu- 071412
on state of natural foci of **parasitic diseases** 065842
Anoplocephalidae) a **parasite** of **domestic** & 065582
Hymenoptera: Mymaridae), an **egg parasite** 070402
Hymenoptera, Eupelmidae), **egg parasite** of 071101
Behavior of **parasite-entomophagous** insects 070297
Controlling **external parasites** on laying hens 070596
Parasites of **face** fly, Musca autumnalis (Di- 070782
Findings of **parasitic fungi** (Fungi imperfecti 066663
Interrelations between **parasitic Fusicladium** 069411
control agents for **gastrointestinal parasites** 065535
record of its three **hymenopterous parasites.** 070345
development of a **hymenopterous parasite,** P- 070841
Parasitic imperfect fungi of order Melancon- 066666
on distribution, rate of **infection, parasites** 070420
Mode of penetration of an **egg-larva parasite** 070846
plutellae Kurdjumov, a **larval parasite** of di- 070427
peculiarities of **parasitism** in **Muscidifurax** r- 071106
Nematode parasites of alimentary canal of 065623
Some **parasitic nematodes** associated with s- 069760

in control of plant **parasitic nematodes**, using 069825
Parasitic nematodes control of cantaloupe. 069906
Taxonomic notes on some **parasites** of **oak** 071230
of an egg-larva **parasite, Phanerotoma** flavit- 070846
pieces as traps for **Phytophthora parasitica** 069485
Observations on **parasites** of **pine** sawflies D- 070551
Studies in control of **plant parasitic** nemato- 069825
beta-glucosidase. [**Parasitic plants**]. 067457
Comparative study of **parasitic potential** of 070241
Means of control of **principal parasitic** & ad- 069777
flavipes (Cameron)--a **promising parasite** of 070349
of a hymenopterous **parasite, Pteromalus** pu- 070841
Distinguishing features of **parasitized pupae** 070845
physiological studies on **parasitic red** alga 067012
of damage caused by fungal **root parasites** to 069465
Crossing of two **social parasitic** species, Dor- 071086
Effects of **subclinical parasitism** on beef pro- 065588
a radical benzimidazole for **various parasites** 069328

PARASITIDAE
Oudemans, 1936 (**Acarina, Parasitidae**). 071125

PARASITOIDEA
Parasitoid complex of citrus psylla Trioza e- 070842

PARATHION
in laboratory diagnosis of **parathion** (O,O-d- 071416

PARDOSA
of variability in a spider **Pardosa monticola** 071368

PARENCHYMA
Parenchyma cell growth in potato tubers. I. 066922
Parenchyma cell growth in potato tubers. II 066923
Parenchyma cell death & Diplodia maydis s- 069517
in induction of divisions in **pith parenchyma** 067999

PARENT
germinability of seven **parents** of **Bromus** in- 067125
ray irradiation of **parental varieties** on hete- 067384
Effect of age of **parents** on **weight** of lambs 064474
derived from flours & **parent wheats.** 063709

PARENTERAL
in growing pigs after **parenteral injection** of 064565
in swine after **parenteral inoculation** of dite- 065851
Parenteral use of **medroxyprogesterone** acet- 064932

PARKS
males (Lymantria dispar L.) in **park** of **Jelsa** 070566
Nature **parks--meeting** point of forestry & n- 066178
of Bialowieza **National Park.** 066091
exploration of Bialowieza **National Park.** 066120
of Bialowieza **National Park.** 066199
of woodstands of Pieniny **National Park** in 066268
amenity in Peak District **National Park.** 066299
of Bialowieza **National Park.** [Trees]. 066843
exploration of Bialowieza **National Park.** 066888
study of longicorn fauna of **National Park** of 071143
from Ormtjernkampen **National Park.** 071262
of Bialowieza **National Park.** 071774
Halligen: planning of a **national park.** 072570
Phillppines' **national parks.** 072579
Warrumbungle **National Park.** [Australia]. 072580
Nature parks as modelling measure for fore- 066173
performances in **nature parks.** 066174
between forest management & **nature park** 066177

PARNASSIUS
Let us save **Parnassius apollo.** 070827

PAROTID
Parotid salivary secretion in sheep: its meas- 064476

PARSLEY
of Anethum graveolens, celery, & **parsley.** 070160
Persistent parsley. 069112

PARTICLEBOARDS
SEE BOARDS

PARTICLES
of phenolic resin **bagasse particle** board. 066542
Modern **particle board** manufacturing from 066439
Modern surface treatment of **particle boards** 066436
Surface quality of treated **particle boards** & 066437
utilization of fiberand **particle boards.** [Stat- 066469
operation at manufacture of **particle boards** 066475
properties of **chloroplast particles** of scened- 067443
Food particles as a site for biohydrogenation 064315
by plunger to wood **particle layer** charged in 066490
Lymphocyte **membrane particle** redistributi- 068322
irradiation of **particles** of **raspberry** ringspot 069651
Influence of **particle size** of concentrate on 064661
mitochondria & **submitochondrial particles.** 068279
C-type **virus particles** in avian bursa of Fabr- 065395

PARTICULATE
of binding to muscle **particulate fractions** on 063681

PARTITION
dioxide evolution from **partitioned forest** flo- 067559

PARTURITION
SEE BIRTH

PASPALUM
in four ecotypes of **Paspalum distichum** L. 067548
capillaris, Agropyron **elongatum, Paspalum** 072301

PASSIVE
Passive hemagglutination test for histoplas- 065393

PASTE
from suspensions & **paste** of **argillaceous** mi- 072195
Putting bite on pasta. [**Food pastes**]. 063133
Lard in production of **fryed paste** products. 063597
of fungicide molecule in **lanoline paste.** [Cu- 069252
hard wheats & browning of **paste products.** 063720
ion concentration] of saturated **soil paste** & 071798

PASTEURELLA
infections with **Pasteurella septica** (sero-gro- 065521

PASTEURIZATION
Recent trends in use of **pasteurized fruit** ba- 063550
at time of delivery & for **pasteurized milk.** 063505
Radiation pasteurization of gulf shellfish. 063449

PASTURES
levels in beef cattle turned out to **pasture.** 064618
You can get more milk from **pastures.** [Graz- 064708
implants for cattle grazed on **pasture.** 064807
level of nitrogenous fertilizing of **pastures.** 068212
Grasses & **pastures.** 068638
Better use of **pastures.** 068785
forage & species composition of **pastures.** [064737
of etiology of young cattle in **alpine pasture** 064258
crop from a ryegrass--white **clover pasture.** 068208
fertilization & harvest time for **pasture crop** 072139
waters for irrigation of **culivated pastures.** 072390
Correct use of **cultivated pastures.** 062338
Productivity of perennial **cultivated pastures** 068710
of irrigated **cultivated pastures** on Mummov- 068721
Development of **cultivated pastures** in soddy 068757
of fencing of **cultivated pastures.** 071559
Irrigated **cultivated pastures** to every farm. 072389
grazing of cattle on **cultured pastures.** 072387
Development of **cultured pastures** on flood-l- 072388
water supply installation on **distant pastures** 071453
Utilization of **pastures** in **feeding** of young c- 064800
Limits of **pasture feeding** intake of dairy cat- 064871
of irrigation of **pastures** on **flood** lands of R- 072386
of feeds in Volga region. [**Pastures, forage** p- 068713
on vegetation of Artemisia **frigida pastures** in 068781
Crude-fiber content of **pasture grass** & its in- 064858
of ammonium sulphate to **grazed pastures** in 071741
changes in large areas of **grazed pastures.** 071765
Improving pastures on slopes. 068885
For a rational & more **intensive pasture** ma- 062435
Irrigated pastures--a powerful reserve of fod- 072384
Development of cultivated **irrigated pastures** 072385
of young cattle in alpine **pasture lands.** 064258
more intensive **pasture management.** 062435
on utilization of **pasture mixtures.** [Grasses] 068874
techniques for **pastures** in **mountainous** dairy 068620
Cows: from **pasture** to **parlour.** [Farm road] 071421
production only with **permanent pasture?** [064685
Ecological studies on **permanent pastures** in 066847
production only with **permanent pasture?** [068675
dalapon on old **permanent pasture.** 070042
condition in **pasture** & its **poisoning** of lives- 066018
Pasture renovation intensifies beef producti- 068682
development & maintenance of **sown pasture** 071997
Mineral content of **pasture swards** in Biesz- 068135
of beef cattle. 3. Effects of **pasture type** & 064710
Management of **pasture utilization.** 062434
Methods for determination of **pasture yield** 062415
Basic improvement of low-**yielding pastures** 068719

PATHOGENESIS
with a note on its pathogenicity. 065396
on production & **pathogenicity** of **Alternaria** 069509
pesticides on some **pathogenic bacteria.** 065559
break? recent views **concerning pathogenesis** 069327
Current views on **pathogenesis & control** of 065565
species of **Corynebacterium pathogenic** on c- 069603
Pathogenic differences amongst three isolat- 069359
Pathogenesis of experimental invasion of la- 065691
identification of strain of **pathogenic fungi** f- 069454
Pathogenicity & further characterization of 069489
Occurrence & **pathogenicity** of **Godronia** cas- 069277
Factors **influencing pathogenicity** & develo- 070935
free from **pathogenic microorganisms** & co- 065334
species composition of **pathogenic mycoflora** 069408
on sensitivity of **organisms pathogenic** to an- 065846
particular reference to **pathogenesis of pale,** 063632
on etiology & **pathogenesis** of **parturition** h- 065941
to investigation of **pathogenic property** of P- 069579
enzymes in **pathogenesis** of **Rhizopus** stoloni- 069382
Incidence & **pathogenesis of rickets** in chicks 065929
tuber disease produced by **pathogenic RNA** 069712
on sporulation of some **pathogenic species** of 069366
to germination & **pathogenicity** of **spores** of 069353
affecting growth, **sporulation, pathogenicity,** 069429
chicks caused by **pathogenic Staphylococcus** 065730
Pathogenicity of a **strain** of Chlamydia psitt- 065383
Enzymatic variation in **pathogenic strains** of 069348
Pathogenicity tests of some discomycetes oc- 069272
Regulation of **pathogenicity** of **UV** [ultravio- 069352

PATHOGENS
differentiation of **pathogen** of **Ascochyta** inf- 069434
of wheat stem rust **pathogen biotypes.** [Pucc- 069435
sativus as a **pathogen** of **cereals.** 069280
Ticks, carriers of **pathogen** of **enzootic** abort- 065772
Production of specific **pathogen free** pigs. 064183
Specific **pathogen free** swine. 065541
of colostrum-deprived, specific-**pathogen free** 065899
A **fungal pathogen** of Broussonetia papyrife- 069514
Septoria halophila, a **pathogen** of **Hordeum** 069528
Pathogen-induced changes in host water rel- 069472
vapors to **postharvest pathogens** of fruits & 069486
between host & **pathogen** in **rice** blast disea- 069462
of wheat plants with loose **smut pathogen.** 069355
rhizosphere in life cycle of **pathogens** of **soft** 069601
An abattoir survey of **udder pathogens** from 065615

PATHOLOGY
Research on normal & **pathological cervical** 065632
Hematological & **pathological changes** in ac- 065243
in swine. II. **Pathological changes** in kidney 065578
Plant **pathologists devise** rapid screening te- 069599
studies in field of Apis **mellifera pathology.** 071390
Pathological-morphological diagnosis of little 065483
Pathology of a **nuclear** polyhedrosis virus of 070937
Pathology of **skin** lesions associated with M- 065538

PATHWAYS
in plants with C4-dicarboxylic **acid pathway** 067750
teets as an **additional pathway** for udder inf- 065610
Biosynthetic pathway of rRNA in blue-green 067425
Some new **paths** in **development** of theory of 067399
from C4 to C3 **pathway following** anthesis in 067906
Paths in **garden.** 068945
New **pathway** for **nonphosphorylated** degra- 067633

PATTERNS
Dry matter **accumulation patterns** in determ- 067962
Patterns of **ammonia** volatilization from a f- 071863
Changing patterns in rural Michigan families 062190
Role of integumental **colour pattern** in locust 070763
for development of **cropping pattern** of fruit 062355
dalua (rabi) rice in various **cropping patterns.** 068732
apical meristem on **patterns** of **development.** 068013
Developmental patterns of internal pelvic c- 064511
Developmental patterns of internal pelvic c- 064512
on low-angle X-ray **diffraction pattern** of ins- 070805
Patterns of **distribution** in Combretaceae. 066704
rice plant. II. Internode **distribution pattern** 066995
Mechanism of loss & **pattern** of **endosperm** 067287
Effect of level & **pattern** of **energy** intake d- 064616
county study of **patterns** of **establishment** in 062463
of consumption **expenditure patterns** in India 062725
are forcing changes in **feeding patterns.** 064874
Optimization of size & **pattern** of **forage** cr- 062278
On **patterns** of **ground** water system in irrig- 072408
Growth patterns of swine skeletons of vario- 064548
Histochemical patterns in leaf abscission. 067829
methods for **industrialised patterns** of field 068988
production under **industrialized patterns.** 062349
Forestry in Britain; **pattern** of **industry:** Pla- 066423
Distribution & **pattern** of **infestation** of Tetr- 070288
caused alteration of **isoenzyme pattern** of 068463
Isoperoxidase patterns in petals of Plumeria 068424
ofmalic dehydrogenase **isozyme pattern** in di- 067796
On **pattern** of **laying** out field experiments 068804
contractions in sheep: **Normal pattern** of ret- 064407
leaf pucker disease in an **occurrence pattern** 069616
Studies on **pattern** of **organ** development in 066995
of photoperiod on **ovipositional patterns** of 071046
Some **patterns** of **protein** accumulation in w- 068024
Light-induced changes in **pattern** of **protein** 068110
Plant induced soil **salinity patterns** in two s- 071809
Seasonal patterns of digestible organic matt- 067919
Patterns of **soil** mositure depletion in a mix- 066328
Intensity of **spatial pattern** in plant commu- 066855
Regional **supply pattern** of beef cattle for sl- 062627
Taxonomic patterns in triglyceride structure 063341
of flow rates & **patterns** in **tertiary** waste-w- 072606
cycloheximide on **translocation pattern** of r- 067665
Ultraviolet patterns on rear of flowers: basis 068407
Utilization patterns of deep water by a wee- 068145
Some **vegetation patterns** in Republic of Su- 066846
Pattern of **water** availability & water requir- 068180
Winterkill patterns of forage crops & winter 069772

PEACHES
phosphonic acid (ethephon) in **peach.** 068366
"eden" **peach.** [Varieties]. 069048
"brighton" **peach.** [Varieties]. 069049
external fruit color of tomato & **peach.** 069052
Post harvest dipping of **peaches.** [Sclerotinia 069569
mulch & farmyard manure for **peaches.** 072213
of canned "Babygold ?" **peaches** as **affected** 063935
nutritional survey of Colorado **apple, peach,** 072010

for home orchards: **peaches, apricots,** plums, 069916
naringenin & chlorogenic acid in **peach buds** 068336
Caustic dry peeling of **cling peaches** to redu- 064017
Low temperature injury to **peach flower** buds 069793
Behavior of **main peach** varieties in sands of 069165
penetrans in soils of **Ontario peach** orchards 069768
White **peach scale** (Pseudaulacaspes pentag- 070800
of fruits in water metabolism of **peach trees** 068379
Control methods of leaf-curl of **peach trees,** 069561
combating diseases in grapes & **peach trees** 069765
Contributions to study of **peach twig** borer 070895
Male sterility in **peach varieties.** 067351

PEAKS
forestry & public amenity in **Peak District** 066299

PEANUTS
Genome relationships in Arachis. **[Peanuts]** 067323
Chemical growth regulant for **peanuts.** 068091
on growth of Rhizobium from **peanut** (Arach- 068210
of Meloidogyne hapla in **peanut.** 069874
diphosphatase in dry **peanut cotyledons.** 067924
Lipid metabolism in **dehydrating peanut** ker- 068101
Peanut growing. 3. 068813
S. C. **peanut production** guide for high yields 068640
Influence of sizing **peanut seed** on two phen- 067291
Gene centers of **peanuts** of **soybeans.** 067380
analysis on plant type in **peanut varieties,** e- 067948

PEARL
yield, protein & amino acids of **pearl-millet** 068036
sorgo-sudan, sorghumsudan, & **pearl millet** 068643

PEARLMILLET
some quantitative characters in **pearlmillet** 067271

PEARS
Belinco" package for apples & **pears.** 063913
anatomical & histochemical studies. **[Pears]** 067035
New variety of **pear** "Tama". 069077
concerning leaf brown spot of quince & **pear** 069388
gooseberries, raspberries, apples & **pears.** 070092
temperatures for flower buds. **[Apples, pears** 068350
et al., a dangerous disease. **[Pears, apples].** 069605
schedule for home orchards: **apples, pears,** c- 069917
during maturation of Passe-Crassane **pears** 063994
of grape cv. Delaware & Japanese **pear cv.** 068307
Putting quality into **export pears.** 069173
Studies on resistance of **Japanese pear** to bl- 069398
on nutrient levels in **Bartlett leaves,** on tree 068249
survey of Colorado apple, **peach, pear,** prune 072010
Aphids oberved on **pears** of **Poznan** area. 070488
Arrangement of roots of **pear trees** in relati- 068478
Studies on leaf burn of **pear trees.** IV. Micr- 069826
Ice coat warms up **pear trees.** 069866

PEAS
Lipoxygenase of **peas.** Formation of volatile 064034
of thiothreonine in plant matter. **[Peas].** 066673
development of a genetic tumour of **pea.** 067027
ribonucleic acid in higher plants. **[Peas].** 067333
induced mutants of Pisum sativum. **(Peas).** 068261
suspension under illumination. **[Peas].** 068330
agricultural industry: Cultivation of **peas** (Pi- 068374
to ribosome & protein synthesis. **[Peas].** 068390
seedlings of Pisum sativum L. **[Peas].** 068412
in shoots of Pisum sativum. **[Peas].** 068463
Fusarium diseases of **pea:** Behaviour of pea 069236
mildew (Erysiphe polygoni DC.) of **pea** (Pis- 069349
in controlling Fusarium root rot in **peas.** 069399
development of a genetic tumour of **pea.** 069891
simazine mixture for weed control in **peas.** 069964
a mixture of trietazine & simazine in **peas.** 069965
BAS 351H) for weed control in **peas.** 069968
of compounds produced by **pea aphid** Acyrt- 070807
on processing varieties of **peas, beans** (Phas- 063886
in seeds of plants. [Soybeans, **beans, peas].** 068081
on processing varieties of **peas, beans** (Phas- 068964
conditions of salinization. **[Peas, broadbeans** 068487
photosynthetic apparatus. **[Peas, buckwheat** 068140
Varieties of **peas** for **canning** & their breedi- 067250
dehydrogenase from **pea chloroplasts.** 068319
phosphorylation in **pea chloroplasts.** 068334
gradients for separation of **pea cotyledon** mi- 068457
green mass of most spread **pea cultivars.** 068509
herbicide experiments in **peas** & **dwarf** beans 069966
true mosaic virus, common & **enation pea** m- 069699
Structure of mitochrondria in **etiolated pea** 067044
Chloroplast development in **etiolated peas:** 068547
of glutamate dehydrogenase in **excised pea** 068286
Variation in protein content of **field peas.** 068300
relation to growth & quality of **field peas.** 068301
improved lines of garden pea & **field pea** fr- 068879
varieties of garden pea nd **field pea** at sum- 068880
new improved lines of garden an **field pea** at 068881
relation to growth & quality of **field peas.** 071759
mitochondrial & cytoplasmic **fractions** of **pea** 068348
Herbicide evaluation in **peas** & **french** beans 070012
varieties & improved lines of **garden pea** & f- 068879
selected & improved varieties of **garden pea** 068880
proteases in cotyledons of **germinating peas** 068451
susceptibility of some **important pea** varieti- 070454
isolated chloroplasts of **pea** with **iron** deficit 068328
Diseases of food legumes caused by **pea leaf** 069623
Quail **pea mosaic** virus: a new member of c- 069688
mosaic virus, common & enation **pea mosaic** 069699
evanescens in control of **pea moth** on large 070479
Comparative studies on **pea mutants.** 067176
improved varieties of garden **pea nd** field pea 068880
Melnagromyza obtusa Malloch) **[Pigeon pe-s]** 070347
between biological elements of **pea plant** pr- 068504
in isolated chloroplasts of **pea plants.** 068344
germination & maturation of **pea plants.** 068347
of ribosomal fraction of **pea** with **presence** of 068327
dicotyledonous weeds in **processing peas.** 069969
Quail pea mosaic virus: a new member of c- 069688
beetles (Sitonini) observed on **pea** in **Reguly** 070498
with genotypic differences in **pea resistance** 068333
peroxidase-one of factors of **pea resistance** to 069570
with genotypic differences in **pea resistance** 069789
dehydrogenase in excised **pea roots** by exog- 068286
attacking stored grain & **peas** & **seed** treat- 070591
Overwintering of **pea seedborne** mosaic virus 069689
varieties of **peas** through action of **sesone** & 067191
factors on quality of **peas** during **shelling.** [071677
Colossus, a new **southern pea** variety. 069142
of fruit & green mass of most **spread pea** cul- 068509
of mitochrondria in etiolated **pea stem** cells 067044
synthetase activity by auxin in **pea stem** tis- 068440
synthetase activity by auxin in **pea stem** tis- 068441
of experimental mutations. **[Peas, sunflowers,** 067172
Aurea mutant of Nicotiana. **[Peas, tobacco]** 068132
Breeding of **peas today.** 068840
Pythium damping off of **tomato, pea** & cauli- 069332
in damping-off phase of **tomato, pea,** & cauli- 069333
chlorophyll mutations in some **pea varieties** 067171
certain chemical mutagens on **pea varieties.** 067190
in root growth zones of two **pea varieties** wi- 068341
yield & vegetative signs of **pea varieties.** 068507
diseases of pea: Behaviour of **pea varieties** e- 069236
of some important **pea varieties** to Laphyg- 070454
Colossus, a new southern **pea variety.** 069142
On water regime of **peas** with **varying** soil 068408
growth stages of **peas** under **varying** rainfall 069970
activity & soil moisture. **[Peas, wheat].** 067393
surface; a yes for no-tillage. **[Wheat, peas].** 072296

PEASANTS
of Striga hermonthica in **peasant farming.** [069946
harvesting & preservation on **peasant farms;** 064082
for improved weed control on **peasant farms** 070009
of village co-operatives "**Peasants' self**-help" 062422

PEAT
Mixture of polystyrenes & **peat;** research on 069075
of hydraulic conductivity of **peats.** 071755
formes as a result of mineralization of **peat.** 071941
Applying peat-manure mixture directly to fi- 072217
Habitat conditions & vegetation of **peat bog** 066887
Determining hydrolytic acidity of **peat-bog** 071814
composition of Kola Peninsula **peat-boggy** s- 071880
Fertility of reclaimed **peat-boggy** soils as aff- 072175
Morphology & vegetation of **peat bogs** of M- 066889
of Oribatei in exhausted **peat bogs** of Balac- 070820
of Oribatei in developed **peat bogs** in Gor'ki 071256
Recultivation of exhausted **peat bogs.** 072338
Vanillin derivatives from a **copper peat.** 071761
distribution of Oribatei in **developed peat** b- 071256
V. Direct observations on **peat erosion** & pe- 071805
distribution of Oribatei in **exhausted peat** b- 070820
Recultivation of **exhausted peat** bogs. 072338
on peat erosion & **peat hydrology** at Feathe- 071805
An example of enhancement of **peat land:** 068994
Applying **peat-manure** mixture directly to fi- 072217
in municipal compost & **peat media.** [Catalpa 068227
Peat moisture & level of ground water in irr- 071950
matter composition of Kola **Peninsula peat-** 071880
Studies on southern **Pennine peats.** V. Direct 071805
Fertility of **reclaimed peat**-boggy soils as aff- 072175
Peat-resources in southern part of Hungari- 072247
distribution of microelements in **peat soils.** 071915
Agrotechnical complex on **peat soils.** 072337
Market crops on **peat** in **tropical** countries. 068995
Study of possibility of using **peat-vivianite** in 072189

PEATLANDS
of fertilizer application to **peatland forests.** 072192

PECANS
1971 texas fruit & **pecan statistics.** 062804

PECTINASES
Changes in cellulase & **pectinase activities** in 068443

PECTINS
of technological value of **apple pectin** prepa- 064001
Production of **cellulolytic, pectolytic,** & oxy- 069333
Production of **pectolytic** & **cellulolytic** enz- 069342
Breaking **down pectins.** [Swine, Fruit juices 063899
Presence of **pectin methylasterase** in cacao 063338
determination of **pectin substances** & their 063797
Observation on staining of **pectic substances** 066993
Extraction of **pectic substances** from sunflo- 068089
Extraction of **pectic substances** from sunflo- 068090

PECTOBACTERIUM
of pathogens of soft rots. **[Pectobacterium.** 069601

PECTOLYTIC
SEE PECTINS

PECTORAL
Trigona mexicana & **Trigona pectoralis.** 070923

PEDICULIDAE
antibiotics in body lous **(Pediculus humanus** 070664

PEDOLOGY
Agronomic & **pedologic study** of soils of pe- 071898

PEELS
of apple jelly prepared from **peel** & **core** po- 063948
Caustic **dry peeling** of cling peaches to redu- 064017
hot calcium chloride on **peeling efficiency** of 063957

PEGANUM
III. Investigation of **Peganum harmala** Linn 067748

PELARGONIUM
A species of rust fungus on **Pelargonium** [z- 069443
in **Pelargonium** x **hortorum.** 066955
in Florida. **[Pelargonium hortorum,** culture] 068990
Investigation on **pelargonium leaf** curl virus 069721
mutants in haploids of **Pelargonium zonale** 067180

PELLETIZATION
corn silage, urea, & **pelleted coasta-** 064824
Influence of **pelleting** & of **different** types of 064041
Pellet form of growth of Sclerotinia fructig- 069259
contrasting response to **lime pelleting** of two 071744
for production of grain & **maize pellets.** 064057
Studies on use of straw **meal pellets** in bull 064859
Sunflower hull & corn **roughage pellets,** Trit- 064783
for cabbage grown from **pelleted seed** depen- 070133
in production & feeding of **straw pellets.** [C- 064678

PELVIS
patterns of internal **pelvic conformation** beef 064511
patterns of internal **pelvic conformation** of f- 064512

PENETRATION
Grass **awn penetration** in dog. [Stipa, Setar- 066020
Mode of **penetration** of an **egg**-larva parasite 070846
Persistence & **penetration** of **large** doses of 070228
Studies on **retention, penetration** & transloc- 070097
Evidence for **penetration** of **vitelline** membr- 065025
Effect of various **wind penetration** & openne- 066163

PENICILLIN
mastitis of cattle with **isoxazolyl penicillin** 065422

PENICILLIUM
processes in **Penicillium baarnense** (Van Be- 067080
in mycelia of **Penicillium chrysogenum.** 067860
thermophilic fungus, **Penicillium duponti** D 067418
cinerescens, **Fusarium, Penicillium].** 069545
a metabolite of **Penicillium purpurogenum** S- 067538
by different species of **soil Penicillium.** 067697
growth stages of wheat. **[Penicillium urticae** 069246
lactone from **Penicillium vermiculatum.** 067849

PENNISETUM
in Nandi Setaria **[Pennisetum clandestinum,** 067936
of elephantgrass **(Pennisetum purpureum, $s-** 068158
of elephantgrass **(Pennisetum purpureum** Sc- 068692
in pearlmillet **(Pennisetum typhoides** (Burm 067271
acids of pearl-millet **(Pennisetum typhoides** 068036
under babala **(Pennisetum typhoides).** 071869
yield of hybrid bajra **(Pennisetum typhoides** 072088

PENS
Three **farrowing pens:** which is best? 071514

PENTACHLOROPHENOL
posts & lumber with **pentachlorophenol.** 066512
of soil on activity of **pentachlorophenol.** [H- 070199

PENTANE
pisum (Harris): **pentane extract** of surface l- 070807

PENTATOMIDAE
maculiventris Say. (Hemiptera: **Pentatomid-e)** 071083
Menecles Stal (Hemiptera; **Pentatomidae).** 071223
Pentatomid bugs & allied species collected f- 070333

PENTOXIDE
in various doses of **phosphorus pentoxide** & 072230
on absorption of **phosphorus pentoxide** by di- 071935

PEPEROMIA
SEE PIPERACEAE

PEPPER
of application on tomato, cucumber, & **pepp-r** 068250
Peppers flourish on foil. 068944
studies of chilling injury in **pepper fruits.** V. 063972

Bush redpeppers, muskmelons, **green peppe-s]** 068454
pressure to roots of **intact pepper** plants. 068431
on shape & size of **sweet pepper** (Capsicum 068241

PEPPERMINT
testing of Mentha peperita **(peppermint)** se- 067428

PEPPIN
SEE PIPPIN

PEPTIDASES
Autolytic & **peptidase activity** in fresh & sp- 063606

PEPTIDES
amino-acid sequence of C-**peptide** of **duck** p- 064359
based on a reference **synthetic peptide.** [Mi- 063521

PERCOLATION
Transport by **soil percolation** of nutritive su- 071785

PERENNIAL
control & importance of **certain perennial** w- 070037
Productivity of **perennial cultivated** pastures 068710
deciduous trees, shrubs, **perennial flowers.** 069918
growing some annual & **perennial fodder** pl- 071952
Control of **perennial grass** weeds in strawbe- 070082
herbicides for control of **perennial grass** we- 070084
Pronamide for control of **grass, perennial** & 070092
Perennial grasses in arid Volga region. 068718
testing of productivity of **perennial grasses** 068862
of various cultivars of **perennial rye** grass af- 068207
repens var. S 100) or **perennial ryegrass** (Lo- 064727
Sorghum almum, a **perennial sorghum.** 068820
Response of **perennial sowthistle** selections 070110
Response of 21 **perennial weed** species to gl- 070044
of asulam in some **perennial weed** species. 070097
Agropyron repens & other **perennial weeds.** 070095

PERFUSION
Perfusion studies with bromoxynil octanoate 070719

PERICARDITIS
as treatment for **constrictive pericarditis** in 065323

PERICARP
Tannins of **pericarp** of **pomegranate** fruits & 068473

PERICONIA
Observations on **Periconia byssoides.** [Taxo- 066756

PERILLA
Floral stimulus movement in **Perilla** [crispa 068452

PERINATAL
SEE BIRTH

PERIPHERAL
by progesterone assay in **peripheral blood** in 064940
Peripheral blood picture, uric acid & some e- 065887
Effect of **differential peripheral** speeds of w- 071583
studies on **peripheral lymphocyte.** 065510
Peripheral plasma levels of oxytocin & vaso- 065021

PERIPLANETA
factor I & II). **[Periplaneta americana].** 070856
dihydricphenols. **[Periplaneta americana].** 070885
American cockroach, **Periplaneta americana** 070889
american cockroach. **[Periplaneta americana** 070915

PERITROPHIC
cross-bands in **peritrophic membranes** of Di- 070919

PERKINSIELLA
of Fiji disease by **Perkinsiella saccharicida** 069650

PERMEABILITY
of cell contents & **cytoplasm permeability** as 068536
Permeability of **isolated** mitochondria to ox- 064320
sodium export, & **permeability** of **leaf** tissue. 067918
Measure of **soil permeability** in field: A new 071855
of plant cover on **permeability** of **soils** of re- 071856

PERONOSPORA
On an **aggressive Peronospora** tabacina Ad- 069418
On orgin of **Peronospora tabacina** Adam. 069407

PERONOSPORACEAE
of oospore formation in **Plasmopara viticola** 066998
grapevines in nurseries. **[Plasmopara viticola]** 069387

PEROXIDASES
E1, E2, E4, E5, E6, & **anodal peroxidase** A- 067289
Activity of **peroxidase**-one of **factors** of pea 069570
growth substances on **peroxidase isoenzymes** 067887
Peroxidase mediated oxidation of tyrosine: 063339
Nitrate reduction by higher **plant peroxidase.** 067597

PEROXIDES
Reaction of **fat peroxides** with protein. 063463
Hydrogen **peroxide generating** system in hog 064321
of bovine enzyme with **hydrogen peroxide** & 064325
of chromosomes caused by **organic peroxide.** 067347

PERSICARGAS
nitrogenous excretion in Argas **(Persicargas)** 070941

PERSIMMON
American persimmon, on emerging horticult- 068998
features of **subtropical persimmons** under va- 067847
dynamics of roots of **subtropical persimmon** 068409

PERSONALITY
Evaluation of **personality development** of le- 062323
Personality of **turnover.** [Retain marketing, 062704

PESTALOTIA
of some pathogenic species of **Pestalotia.** 069366

PESTICIDES
maximum quantities--tolerances. **[Pesticides]** 063088
On proper use of **pesticides.** 070705
Testing of **pesticides against** giant african s- 069821
utilisation of **pesticides** in **agriculture** & pub- 070728
Safety precautions for **pesticide application** 070727
members of E.E.C. [Great **Britain, Pesticides,** 070676
countries to EEC [Great **Britain, pesticides]** 070677
research on organic **chloride pesticide** resid- 063116
residual amounts of **chlororganic pesticides** 063202
of **pesticides** with their **combined** action. 070741
Effect of some **pesticides** on **composition** & 070742
spray application of **pesticides** for **control** of 069296
Evaluation of new **pesticides** for **control** of 070448
Pesticides controversy. 070690
Pesticides & dairy production. [Contaminati- 063160
Analysis procedure to **determine pesticide** r- 070687
Pesticides & environmental protection. 070710
correctly--or even best **pesticide** will **fail.** 070692
for ovicides among **pesticides & fertilizers** f- 065553
Dangers from **pesticides** used in **fruit** culture 070714
Effect of some **pesticides & growth** regulato- 069822
Public **health pesticides.** 070717
Pesticide-induced changes in hepatic micros- 070684
Pesticides inspection report, 1972. 070685
E.E.C. [Great Britain, **Pesticides, legislation** 070676
Use of **pesticides** in **locust** control. [Acridid- 070250
Pesticides for **medical** entomology. 070607
exposed to phospho-**organic pesticides** phos- 070746
application of **organophosphorus pesticides** 070744
to phospho-organic **pesticides phoschlorine,** 070746
Influence of **phosphoorganic pesticides** on s- 065559
of law on homologation of **pesticide products** 062866
mill laboratories. [Grain **products, pesticides]** 063037
of law on homologation of **pesticide products** 070686
Assay of **pesticides** with **reference** to food h- 063076
determining effect of **pesticides & related** po- 070732
Pesticide residues in food of animal origin in 063065
Study of **pesticide residues** in flour mill lab- 063091
on organic chloride **pesticide residues** existi- 063116
Pesticide residues in total diet in Canada. I- 063158
Analytic problems of **pesticide residues.** [Fo- 063162
sanitary control. **[Pesticides, residues].** 063205
Africa & Madagascar. **[Pesticides, residues]** 069803
procedure to determine **pesticide residues** in 070687
Pesticide residues in food of animal origin in 070688
Study of **pesticide residues** in flour mill lab- 070696
Africa & Madagascar. **[Pesticides, residues]** 070697
on organic chloride **pesticide residues** existi- 070707
Pesticide residues in total diet in Canada. I- 070721
Analytic problems of **pesticide residues.** [Fo- 070726
sanitary control. **[Pesticides, residues].** 070736
adsorption & desorption of **pesticides** in **soils** 070679
Tables of **pesticide toxicity** for bees & of pr- 070270
Safe use of **pesticides, twentieth** report of 070748
Further aerial trials with **pesticides** at **Ultra** 070304

PESTS
of principal parasitic & **adventitious pests** of 069777
1973 **Apple pest** control. 069741
Microflora of **barley pest** Oscinella pusilla. 071036
insecticides in controlling **bean pests.** 070464
insects & its significance for **biological pest** 070297
Linaeus. [Vegetables, insect **pests, biological** 070427
habits. [Fice, insect **pests, biological** control 070801
Sugar beet nematode as **pest** of **cabbage.** [H- 069858
low-Volume for control of sugar **cane pests** 070304
1973 **Cherry pest** control. 069742
ULV spells pitfall for **cherry pest.** [Rhagole- 070493
A new **pest** of **Chrysanthemum.** [Diarthron- 070478
"Green-bug" on Shevaroys. **[Coffee, pest** co- 070253
III. Part one. Entomology. **[Coffee, pest** co- 070261
1973 Apple **pest control.** 069741
1973 Cherry **pest control.** 069742
1973 Strawberry **pest control.** 069743
Pest control in forage & small grains: weeds 069744
Pest control in commercial pickling cucumb- 069745
Pest control in commercial vine crop produc- 069746
Guide to turfgrass **pest control.** 069766
Pest control 1973 recommendations: field c- 069836
Weed & **pest control** in sugar beet culture. 070140
bug" on Shevaroys. **[Coffee, pest control].** 070253
Part one. Entomology. [Coffee, **pest control]** 070261
its significance for biological **pest control.** 070297
agricultural production. **[Pest control].** 070311
Weed & **pest control** in sugar beet culture. 070331
Remarks on program of **pest control** in co- 070481
Pest control chart for ornamentals in home 070492
test studies 1972/73. [Fruit, **pest control].** 070500
different food plants. [Forests, **pest control]** 070527
cotton bag. [Stored products, **pest control].** 070590
veterinary medicine. [Livestock **pest control** 070645
for brussels sprouts. [Insect **pest control].** 071485
at tropical temperature. [Rice, **pest control]** 070373
vaporariorum. [Horticultural **crops, pests].** 070477
Estimates of incidence of **pests & diseases &** 069346
Pests & diseases in raising of sugar beet. 069840
with malathion. [Storage **pests, diseases].** 069923
Estimates of incidence of **pests & diseases &** 070336
Pests & diseases of oil & coconut palm: Par- 070369
conditions on forest **pests, especially** on Ly- 070526
Fighting pests of sugar beets. [Insects]. 070398
Thaumetopoea pithyocampa, **forest pests].** 069901
environmental conditions on **forest pests,** es- 070526
Protect Thanasimus formicatus! **[forest pests,** 070537
Forest pests in Lower Saxony, 1972. 070538
environmental conditions on **forest pests,** es- 070766
stayed. [Porthetria dispar, **forests, pests].** 070525
on different food plants. **[Forests, pest** cont- 070527
of Neodiprion sertifer. **[Forests, pests].** 070536
Branch test studies 1972/73. **[Fruit, pest** co- 070500
Control of pine **pest Gilipinia** pallida in Jaun 070524
in control of leaf-**gnawing pests.** [Tortricidae 070544
survival, & fecundity. [Stored **grain, pests].** 070571
methods of protection against **grain pests.** 070583
in complex of **greenhouse pests.** 069824
Check this **pest** on **Hara** Madhu. [Muskmel- 070462
pentagona Targioni) an **important pest** of p- 070800
for control of rice diseases & **insect pests.** [069296
Distantiella theobroma, cacao **insect pests].** 070247
to biological control problems. **[Insect pests** 070248
Use of light traps in control of **insect pests.** 070269
insect populations or control of **insect pests** 070273
for control of rice diseases & **insect pests.** [070317
for integrated control of **insect pests** in cott- 070328
for controlling sugar beet **insect pests.** 070361
pomerania area. [Cereal crops, **insect pests]** 070365
assimilis Payk. [Winter rape, **insect pests].** 070383
assimilis Payk. [Winter rape, **insect pests].** 070384
Ecology of a new **insect pest** of citrus plant, 070414
xylostella Linaeus. [Vegetables, **insect pests,** 070427
Biological control, potato **insect pests].** 070433
control in orchards. II. **[Insect pests].** 070486
Research dealing with **insect pests** of green- 070491
Control of mango fruit **insect pest.** [Dacus 070505
pygmacea & Mycophila speyeri, **insect pests** 070509
Some features on status of **insect pests** in y- 070523
resistance of Pinus to **insect pests.** 070543
on woodlands of Poland. [Trees, **insect pests]** 070548
External feature & habits. [Fice, **insect pests,** 070801
Biological control, potato **insect pests].** 070843
assimilis Payk. [Winter rape, **insect pests].** 071021
equipment for brussels sprouts. **[Insect pest** 071485
in veterinary medicine. **[Livestock pest** cont- 070645
Control of insect & **mite pests** of home & ga- 070299
Identification of insect & **mite pests** in field 070408
Control of insect & **mite pests** of field crops 070409
Identification of insect & **mite pests** of alfal- 070410
Mite pests of apple orchards. [Tetranychidae 070489
Control of insect & **mite pests** of tree fruits 070514
Control of insect & **mite pests** of ornamental 070515
Identification of insect & **mite pests** of com- 070516
Control of insect & **mite pests** of commercal 070517
Control of insect & **mite pests** for commerci- 070518
Indian meal **moth, pest** of stored walnuts. [070587
Plants against animals. **[Pests, natural** cont- 069894
formicatus! [forest **pests, natural** control]. 070537
Diprion pini L. Larvae. [Pinus, **pests, natural** 070557
Pests of **ornamental** plants & their control 070434
Microflora of barley **pest Oscinella** pusilla. 071036
Control of **pine pest** Gilipinia pallida in Jaun 070524
in Diprion pini L. Larvae. **[Pinus, pests,** nat- 070557
resistant cotton bag. [Stored **products, pest** 070590
Meligethes aeneus. **[Rape, pests].** 070364
An important **rice pest** Thaia oryzivora Gha- 070371
BHC at tropical temperature. **[Rice, pest** c- 070373
some new insecticides on major **rice pests &** 070668
Secondary pests of Douglas-fir & white pine 070556
Pest status of British wood-boring insects. 070528
grain with malathion. **[Storage pests,** diseas- 069923
Phycitidae: Lepidoptera) as a **pest** of **stored** 070580
1973 **Strawberry pest** control. 069743
An important rice **pest Thaia** oryzivora Gha- 070371
Cabbage moth--a **pest** on **tobacco** seed plant- 070366
Guide to **turfgrass pest** control. 069766
Heliothis armigera Hubn. as a **pest** of **wheat** 070343
Fruit fly world's **worst pest** of fruit. [Strum- 070511

PETALS
Isoperoxidase patterns in **petals** of **Plumeria** 068424

PETIOLES
I. Effects of age, **chemicals, petiole,** & phot- 068289
regulators in opening of **Dentaria petiolar** 067755

PETROLEUM
Petroleum hydrocarbons & fatty acids in wa- 072617

PHAGOCYTIC
Age data on **phagocytic activity** of leukocyt- 064504
leukocytes. I. **Phagocytic & bactericidal** pro- 065440
leukocytes. II. **Phagocytic & bactericidal** pr- 065441
Action of hisphen on **phagocytic properties** 065379

PHALAENOPSIS
orchids: ascendancy of **white phalaenopsis.** 068939

PHARMACEUTICS
medicine research in **chemical-pharmaceutic-l** 065235
aspects of **Hungarian pharmaceutical** indust- 065265
within drug **& pharmacy legislation.** 065305
Pharmaceutical prevention & therapy--as se- 065264

PHARMACODYNAMICS
On **pharmacodynamics** of **benzatcin.** [Labor- 065371

PHARMACOGNOSY
Pharmacognosy of **fruits** of Prangos pabular- 067614

PHARMACOLOGY
Pharmacological "screening" of Brazilian pl- 067821
Some **pharmacological actions** of an alkaloi- 067618
A note on **pharmacological activity** of Clero- 065254
Evaluation of **pharmacologic agents** for rest- 065217
calves. Effects of **pharmacological agents.** 065243
Fundamental **ocular pharmacology.** 065287
composition **& pharmacological properties** of 067806

PHASEOLUS
varieties of peas, beans **(Phaseolus),** brussels 063886
on moth bean **(Phaseolus aconitifolius)** in I- 069586
photosynthesis in dwarf **bean Phaseolus** vul- 070225
of phytohemagglutinin of **Phaseolus bulgaris** 068322
cotyledon to axis in **germinating Phaseolus** 068245
vulgaris L. **& Phaseolus multiflorus** Lam. to 069736
crinkle virus of urd bean **[Phaseolus mungo]** 069643
of narrow leaf disease virus **(Phaseolus virus** 069735
induced variability in **Phaseolus vulgaris** L. 067340
from navy beans **(Phaseolus vulgaris)** which 068273
bushbean seedlings **(Phaseolus vulgaris** L.). 068296
growth on kidney beans **(Phaseolus vulgaris)** 068498
rot complex of beans **(Phaseolus vulgaris** L.) 069251
blight diseases of bean **(Phaseolus vulgaris)** 069585

PHASES
Recycling. 20. Study of **colloidal phase** of m- 063572
in different **developmental phases** of resista- 070628
Phase differences in cardiac rhythm of Locu- 070857
to radioactivity in **different phases** of devel- 067174
Amylase isoenzymes at **early phases** of deve- 067974
Influx of two **phase effect** of intra articular 065968
of fish meal **& of lipid phase extracted** from 064068
by physical transformations in **fat phase** dur- 063458
on a solid-**phase immunoadsorbent.** [Newcas- 065584
Effect of salinization on **initial phases** of pl- 067996
Effect of defoliants on two **phases** of **process** 067881
under consideration cyclic **reverse phase.** 065964
enzymer in damping-off **phase** of **tomato,** pea 069333
Branching in **vegetative phase** of Tabernae- 066925
in durations of **phases** of **ventricular** systole 064276

PHASIANIDAE
sources in eastern bobwhite **quail, Colinus** v- 070730

PHEASANTS
mixtures for poultry in feeding of **pheasants.** 063286
Chromosomes of **chicken-pheasant** hybrids. 064941
Physic chemical properties of **pheasant eggs** 064403

PHEIDOLE
Syrphids. [Acantholepis **capensis, Pheidole** 070850

PHENOLOGY
Phenology of **Agrotis** ypsilon **&** Barathra br- 071107

PHENOLOXIDASES
Study of **phenoloxidase activity** during repr- 067634
effects of **phenoloxidase** from **haemolymph** of 070918

PHENOLS
Thin-layer chromatography of **beer phenolics.** 063314
study of role played by **phenolic compounds** 067413
Chain initiation **& phenol inhibitor** effective- 063468
Bacuchiol, a novel **monoterpene phenol.** 067854
Study on **phenolic reactions** of Nicotiana pl- 069469
Studies on preparation of **phenolic resin** ba- 066542
Effect of **phenol substances** of skin of grape 069572

PHENOTYPES
Characterization of **citrine phenotype** of to- 067294
breeding of some **phenotypic corelations &** 065062
of **&** genetic **& phenotypic correlations** amo- 065009
breeding of some **phenotypic correlations &** 065077
Phenotypic description & genetics analysis 067374
Phenotypes of **eight** disomics & trisomics of 067290
Phenotypic & genetic associations between 065000
Phenotypic & genotypic correlations & coeff- 065192
sizing peanut seed on two **phenotypic ratios** 067291
Phenotypic variability of expression of a ge- 067363

PHENOXY
bind some derivatives of **phenoxyacetic acid** 068004
Weed control with **phenoxy herbicides** on n- 070178

PHENYL
in cereals using N-**(isopropyl** -4-phenyl)-N' 070131
of Ulocladium atrum to **phenyl-mercury.** [O- 069268

PHENYLBUTAZONE
Phenylbutazone in **equine** practice: a review 065256

PHEROMONES
Alarm pheromones of honey bees. 071373
chemistry **& activity** of **insect pheromones.** 070252
Decoding insect messages. **[Sex pheromones** 070274
Insect **sex-pheromone & species** speciation. 070775
fruit fly, Dacus tryoni, to **sex pheromone** of 070925

PHIALOPHORA
SEE DEMATIACEAE

PHLEUM
at different times **& on two levels. [Phleum]** 068010

PHLOEM
of functional xylem **& phloem** in **inhibited** b- 068060
seasonal development of **secondary phloem** 066939
protein hypothesis of **phloem translocation.** 067775

PHOLCIDAE
Spermophora **(Araneae, Pholcidae).** 071336

PHOMA
cell walls as factors **affecting Phoma** storage 069474
culmorum, Alternaria tenuis, **Phoma betae].** 069425
Phoma lingam (Tode) Desm. On cabbage se- 069442
Leptotrochila medicaginis, **Phoma medicagi** 069283
V. [Phoma papayae, **Phoma nocturni,** Ascoc- 069371

PHOMOPSIS
unicornis, **Phomopsis juniperovora,** Cerospo- 069518
root rot caused by **Phomopsis sclerotioides.** 069237
against stem canker **(Phomopsis theae).** 069291

PHOSPHATASES
Studies on **acid phosphatase** of tomato fruit 063885
demonstration of **acid phosphatase** & thiola- 067600
activity & Km of **acid phosphatase** from lea- 067859
triphosphatase **& acid phosphatase** in root g- 068341
Soluble **acid phosphatases** from posterior re- 070924
Phosphatase activity & concentration of gly- 064507
Phosphatase activity in seminal fluid of heal- 065209
grasses & forbs on soil **phosphatase activity** 071748
Enzymatic activity of **alkaline phosphatase** 064527
its hosts: **alkaline phosphatase** & beta-glucos- 067457
regulation of **repressible phosphatases.** 067759

PHOSPHATES
Determination of **phosphatic activity** in soils 066600
Activity of **alkaline phosphate** in mucuous 064545
on a base of **ammoniated superphosphates.** 072126
Effects of nitrogen & **phosphate** on **Cenchrus** 072019
Importance of **superphosphate & compound** 072036
monosodium **phosphate concentration** on sy- 063809
effectiveness of **condensed phosphates** from 072210
glyceraldehyde-3-**phosphate dehydrogenase** 063681
hepatic glucose-6-**phosphate dehydrogenase,** 064437
glyceraldehyde-3-**phosphate dehydrogenase** 068095
each of glucose-6-**phosphate dehydrogenase** 068257
glyceraldehyde-3-**phosphate dehydrogenase** 068430
sorption isotherms **& phosphate desorption.** 071766
nicotinamide adenine **dinucleotide phosphate]** 068460
Use of **feed phosphates** with different amou- 064749
On localization of **ferric phosphate** polymer 067860
acid under heavy **phosphate fertilization.** 071817
Italian **phosphate fertilizer** industry. Weath- 072170
relative efficiency of **phosphatic fertilizers** in 072089
sugars on hepatic **glucose-6-phosphate** dehy- 064437
Two isoenzymes each of **glucose-6-phosphate** 068257
fractions on **glyceraldehyde-3-phosphate** de- 063681
dependent **glyceraldehyde-3-phosphate** dehy- 068095
plasma calcium **& inorganic phosphate** levels 064482
Italian phosphate fertilizer industry. Weath- 072170
plasma calcium **&** inorganic **phosphate levels** 064482
Effect of nitrogen **& monosodium phosphate** 063809
On localization of ferric **phosphate polymer** 067860
Effectiveness of **phosphate rock** applied by 072127
Effects of temperature on **phosphate sorption** 071766
with lime marl **& Thomas phosphate.** 072045
of different sources of **phosphates** on **yield,** 068129

PHOSPHATIDYL
ethanolamine **& phosphatidyl choline** in spi- 068353

PHOSPHIDES
knock down dose of **hydrogen phosphide** to 070422
Effect of **zinc phosphide** on rat control in s- 069908

PHOSPHINE
THP [tris (hydroxymethyl)**phosphine]**-amide 063195

PHOSPHOGLUCONATE
phosphogluconate dehydrogenase in spinach 068257

PHOSPHOGLYCERIC
Phosphoglycerate kinase polymorphism in 070770

PHOSPHOLIPIDS
Separation of **autoxidized phospholipids.** [F- 063477
on fish oils. V. **Phospholipid composition** of 063409
animal fats. III. **Phospholipid composition** of 063633
oleyl phospholipid to **linoleyl phospholipid** 067635

PHOSPHONATES
Degradation of **phosphonates.** II. influence 068093

PHOSPHONIC
of 1,2-14C-(2-Chloroethyl)**phosphonic acid (** 068366

PHOSPHORUS
of Cyanophyta to sulfur **& phosphorus.** 067721
I. Changes in pattern of 32p **[phosphorus]** i- 068115
Different P **[Phosphorus]** uptake of seedlin- 068541
observations on decay of P**[phosphorus]**-32 070372
infestations on N [nitrogen] P **[phosphorus,** 070423
Paradox of **phosphorus.** [Soils]. 071828
on soils of different available P **[phosphorus** 072105
stability by treatment with **phosphoric acid** 063863
hydrolysis of inosite **phosphoric acid** esters 064564
migration of mineral **phosphoric acid** under 071817
between specific **phosphorus-32-activities** of 064565
Phosphorus-32 bwta gauge for measuring wa- 068285
Variation of content of **phosphorus, calcium** 068187
Carbohydrate-phosphorus metabolism in cow 064541
reactive" **phosphorus** through **catchments** u- 066883
of phosphorus from **certain phosphorus** com- 064589
of forms of **phosphorus** in **complex** fertilizers 071979
from certain **phosphorus compounds** in pigs 064589
of 32P-labelled **phosphorus compounds** in pi- 064590
graded doses of **phosphorus** in **conjunction** 072085
Effects of **phosphorus deficiency** on water c- 067729
after endogenous **phosphorus determination** 064589
of nitrogen **& phosphorus** at **different** stages 068146
rates of nitrogen **& phosphorus** on **early** bli- 069235
in pigs after **endogenous phosphorus** determ- 064589
of nitrogen **& phosphorus fertilizers** on expr- 069538
of ammonia in **phosphorus**-based **flame** reta- 063840
intestinal hydrolysis of **inosite phosphoric** a- 064564
cows due to organic-**phosphorus insecticides** 066056
to organic **phosphorus insecticides** of spider 070473
cows due to organic-**phosphorus insecticides** 070737
Migration of **labelled phosphorus** between P- 068601
administration of 32P-**labelled phosphorus** c- 064590
cutting management **& phosphorus levels. [** 068730
on calcium **& phosphorus metabolism.** I. Uti- 064292
Carbohydrate-**phosphorus metabolism** in cow 064541
Phosphorus metabolism of plants in connect- 068333
Nitrogen **& phosphorus metabolism** of Helm- 069423
Phosphorus metabolism of plants in connect- 069789
Vertical migration of **mineral phosphoric** ac- 071817
Effect of **phosphorus & molybdenum** fertiliz- 071970
to application of **phosphorus & nitrogen.** 066860
mineral fertilization on **nitrogen, phosphorus,** 068325
management **& NPK [Nitrogen, phosphorus,** 068974
highbush blueberry. **[Nitrogen, phosphorus,** 072003
of groundnut plants. **[Nitrogen, phosphorus,** 072035
on effect of NPK **[Nitrogen, phosphorus,** po- 072088
of mustard to NPK **[nitrogen, phosphorus,** 072093
Effect of NPK **[nitrogen, phosphorus,** potass- 072100
Optimum dose of NPK **[nitrogen, phosphor-s,** 072110
optimum dose of NPK **[nitrogen, phosphorus,** 072111
to application of **phosphorus & nitrogen.** 072114
free NPK cheaper. **[Nitrogen, phosphorus,** 072171
fertilization with **nitrogen, phosphorus &** po- 072230
II. In relation to **phosphorus nutrition.** 068652
Observations on **phosphorus nutrition** of two 072113
poisoning in cows due to **organic-phosphorus** 066056
Organic phosphorus preparations for control- 070361
Resistance to **organic phosphorus** insecticid- 070473
poisoning in cows due to **organic-phosphorus** 070737
on absorption of **phosphorus pentoxide** by di- 071935
in various doses of **phosphorus pentoxide &** 072230
assimilated forms of **phosphorus pentoxido,** 072240
distribution of **phosphorus** after **peroral** adm- 064590
phosphorus on some **physiological** processes 068497
esters **&** in absorption of **phytin phosphorus** 064564
NPK [Nitrogen, **phosphorus, potassium]** fert- 068974
absorption of **phosphorus & potassium** by pl- 071820
blueberry. [Nitrogen, **phosphorus, potassium** 072003
of fertilizer use on **phosphorus & potassium** 072005
plants. [Nitrogen, **phosphorus, potassium].** 072035
of NPK [Nitrogen, **phosphorus, potassium]** 072088
to NPK [nitrogen, **phosphorus, potassium]** f- 072093
of NPK [nitrogen, **phosphorus, potassium]**-r- 072100
of NPK [nitrogen, **phosphorus, potassium]** f- 072110
of NPK [nitrogen, **phosphorus, potassium]** f- 072111
zones **&** amounts of **phosphorus & potassium** 072121
cheaper. [Nitrogen, **phosphorus, potassium]** 072171
Organic **phosphorus preparations** for control- 070361
Mobilisation of **phosphorus** by **Pteridium** aq- 071871
influence on **phosphorus** in **rumen** fluid. 064476
on yield, available **soil phosphorus &** phosp- 068129

of calcium-lactic-**soluble phosphorus** & potas- 072142
digestibility of **phosphorus** in **sorghum** grain 064732
Delay of time between **specific phosphorus-** 064565
Phosphorus stimulates growth of yellow bir- 072201
phosphorus, & zinc **sulfate, phosphorus,** & z- 068308
on intestinal absorption of **total phosphorus** 064564
cotton cellulose with **phosphorus trihalide-** 063838

PHOSPHORYL
of mannosyland **glucosyl-phosphoryl-polypr-** 063756

PHOSPHORYLASES
Polarization of starch **phosphorylase activity** 067403
site of rabbit muscle **glycogen phosphorylase** 064317
site of rabbit muscle **glycogen phosphorylase** 064318
side chain in **phosphorylase** b from **rabbit** 064365

PHOSPHORYLATION
seedlings & intensity of **phosphorylation** in 068151
of ferricyanide & **coupling phosphorylation** 068334
phosphorylation during **illumination** of intact 068277
insensitive phosphorylation reaction associa- 068275
inhibitors on **oxidative phosphorylation** by p- 068266
action on **oxidative phosphorylation** in mito- 068593
Activity of **photosynthetic phosphorylation** 069660
transport & **phosphorylation** in **presence** of 068429
Phosphorylation of **ribosomal** protein in Le- 067769
levels & redox & **phosphorylation states** in 063254

PHOTO
A method of **combining photo** & field sampl- 066196
On mechanism of "**photo-geo**" response in 068134
Microscale **photo interpretation** of forest & 062248
Photo plot bias. 066311

PHOTOCHEMISTRY
obliquus D3 with high **photochemical activity.** 067443
Optical & **photochemical properties** of a co- 067752
Structural studies & **photochemical re**-arran- 070722
Photochemical smog & ozone reactions. [Po- 072481

PHOTOELECTRIC
Photoelectric color sorting of citrus fruits. 064018
Modified **photoelectric device** for recording 068459

PHOTOGRAPHY
using large-scale color **aerial photography.** 066158
Satellite television **cloud photography** as a 069308
mapping by **photographic interpretation.** [R- 066900
by ultraviolet **reflectance photography** with 071205
meat research in calf: A **photographic study** 063657

PHOTOMORPHOGENESIS
its effect on **photomorphogenesis** in **potato** 068284

PHOTOOXIDATION
SEE OXIDATION

PHOTOPERIODISM
response to gibberellin A3 & **photoperiod.** 067480
on effects of **changed photoperiods** on produ- 071099
Effect of **photoperiod** on **Coccinella** transver- 070826
R. & F.). I. **Constant photoperiods** & mortal- 070756
of mechanism of **photoperiodic control** of de- 071103
Influence of **photoperiodism** of **development** 071060
Influence of **different photoperiods** on devel- 071083
Photoperiodic effects on shoot development 068229
light (**excluding photoperiodic** responses), 068310
of temperature & **photoperiod** on **floral** initi- 067967
Effect of **photoperiod** on **growth** of Empress 068223
Effect of **photoperiodic induction** on transpi- 067655
Effect of **photoperiod** on **ovipositional** patte- 071046
Photoperiodic responses of some species of 067550
Impact of **photoperiod** on **seasonal** sowing in 068724
petiole, & **photoperiod** on **senescence** in det- 068289
Inheritance of **photoperiod sensitivity** in cro- 067366

PHOTOPHOSPHORYLATION
space & energy of **photophosphorylation.** [S- 068163
photophosphorylation in **chloroplasts** as a f- 068274
photophosphorylation in **chloroplasts** as a f- 068275
light on **photophosphorylation** in **isolated** ch- 068344

PHOTOREDUCTION
step in **photoreduction** of **benzoquinones** by 068276
on **photoreduction** of **ferricyanide** & coupling 068334

PHOTOSYNTHESIS
formation in relation to **photosynthesis.** 067407
high-molecular compounds. [**Photosynthesis**] 067576
varied spectral radiation in **photosynthesis.** 067715
acid pathway of **photosynthesis.** 067750
in water-splitting system of **photosynthesis.** 068271
ammonia on **photosynthesis** by **Acetabularia** 067477
Photosynthetically active radiation in a sta- 067751
Photosynthetically active radiation in a sta- 067753
between leaf age & **photosynthetic activity** in 068553
inhibition of **photosynthesis** in **alfalfa** leaves 067972
of repression of **photosynthesis apparatus** in 067843
indices of **photosynthetic apparatus** of flax 068074
function of **photosynthetic apparatus.** [Peas, 068140
in fungi & **non-photosynthetic bacteria.** 067602
physiology, **biochemistry, photosynthesis** & 067578
Photosynthesis & carbon metabolism in a ch- 067794
Photosynthetic carbon metabolism in isolat- 068114
Further studies on **photosynthesis** of **carrot** 068448
between **photosynthesis & certain** features of 068169
Deep maxima of **photosynthetic chlorophyll** 067863
parameters. [Virus **diseases, photosynthesis**] 069639
content & **photosynthesis** in **dwarf** bean Pha- 070225
in **nonphotosynthetic endosperm** of germinat- 067768
understanding of **photosynthesis evolution** & 067865
Photosynthetic exchange of carbon dioxide 067997
iI. Seedling growth & **photosynthesis & field** 067960
Photosynthetic induction phenomena & light 067725
a herbicide **inhibiting photosynthesis.** 070198
Dependence of **photosynthesis intensity** in s- 067982
antitranspirants on **photosynthesis intensity,** 067983
formation during **photosynthesis** in **isolated** 068354
Photosynthesis by **isolated** chloroplasts: so- 068411
of oxygen effects on **net photosynthesis** & g- 067415
Net photosynthesis of Cladonia mitis (Sand. 067560
Activity of **photosynthetic phosphorylation** 069660
Observations on **photosynthesis** of **potatoes** 069731
Photosynthetic production of two sown spec- 068203
Upper limit of **photosynthetic productivity** 067594
variations in **photosynthetic products** & nitr- 068454
Measurement of **photosynthetic rate** using l- 067430
Regulating photosynthesis with short-term i- 067872
deficiency on **photosynthesis & respiration** of 068113
Study on **photosynthesis & respiration** of fo- 068553
Photosynthetic responses to C02 [carbon di- 067965
research on **photosynthesis** of **sorghum** (Sor- 068185
differences in **photosynthesis** among **species.** 067943
intensity of **photosynthesis** in some **species** 068331
requirements of non-**photosynthetic tissue** cu- 068435
occurrence & **photosynthetic utilisation** of s- 068428
trapped in **photosynthetic watersplitting** en- 068272

PHOTOSYSTEMS
Inactivation & reactivation of **photosystem.** 067793
on primary electron acceptor of **photosystem.** 068269
reaction associated with **photosystem** II. [S- 068275
electron donors in **chloroplasts photosystem** 068270
by **photosystem** I in **isolated** chloroplasts. 068276
Limiting steps in **photosystem** II & **water** d- 067445

PHOTOTROPISM
Phototropism in **Conidiobolus** coronatus. 067705

PHRAGMITES
on amino acids from **Phragmites australis** (067846
in a stand of **Phragmites communis** Grin. II. 067751
in a stand of **Phragmites communis** Trin. 1. 067753
Colonisation of **Phragmites communis** leaves 069438
aerial parts of **Phragmites communis** Trin. in 069439
standing culms of **Phragmites communis** Trin 069440

PHYCITIDAE
moth, Cadra cautella (Walker) (**Phycitidae:** 070580
cautella (Walker) (**Lepidoptera, Phycitidae**) 070977

PHYCOMYCES
Octahedral crystals in **Phycomyces** [blakesl- 066988

PHYCOMYCETES
of thraustochytriaceous (**Phycomycetes**) & l- 066952
Aquatic phycomycetes of Lily Lake, Utah. 066679
distribution of some **aquatic phycomycetes** 066735

PHYCOMYCOSIS
Equine phycomycosis. 065417

PHYLLANTHUS
white leaves of **Phyllanthus nivosus** Bull. 067022

PHYLLOBIUS
Production of larvae of **Phyllobius piri** L. C- 070834

PHYLLODY
sprays against **clover phyllody** & aster yell- 069617
of an insect vector for **clover-phyllody.** 069652
Phyllody of **florists'** Hydrangea caused by h- 069687
of sowing & incidence of **sesamum phyllody** 069640

PHYLLOPHAGA
dynamics of white **grubs, Phyllophaga** spp. 070794

PHYLLOSTICTA
sp. n. sexual stage of **Phyllosticta maydis.** [069482
Fusarium solani, **Phyllosticta phaseolina,** A- 069251
property of **Phyllosticta prunicola** (Opiz) S- 069579

PHYLLOTAXY
eastern cottonwood according to **phyllotaxy.** 068582

PHYLLOXERA
Combined method of **controlling Phylloxera.** 070521
of protoplast in **Phylloxera-resistance** of gr- 067042

PHYLOGENY
Phylogeny of **green** algae: a new proposal. 067118
variability & **phylogenetic relationships** in g- 067890
of evolution & **phylogeny** of **Ustilaginales.** 066715

PHYMATOTRICHUM
Fusarium **moniliforme, Phymatotrichum** om- 069519

PHYSALIS
Steroidal lactones of **Physalis ixocarpa** leav- 067617

PHYSARUM
slime mold, **Physarum confertum** Macbr. 067600
of myxomycete **Physarum flavicomum.** 067424
strain of **Physarum polycephalum.** 067150
requirement in **Physarum polycephalum.** 067152

PHYSCIA
Epiphytic Physcia species (Lichenes) in area 066896

PHYSCOMITRIUM
hygrometrica X **Physcomitrium piriforme.** 067436

PHYSICOCHEMISTRY
Physicochemical changes in winter wheat gr- 070334
sp. II. **Physicochemical properties** of enzyme 067657
Physicochemical studies of soil fulvic acid. 071713

PHYSICS
interpreting investigations on **soil physics.** 071958

PHYSIOLOGY
in coffee research. III. 3. **Physiology.** 067677
Physiological & agrobiological indices of hi- 068477
Physiological bases of lactation. 064550
Physiological basis for obtaining high yields 067606
Physiological & biochemical aspects of pale, 063672
types to some **physiological & biochemical** p- 065096
Some **physiological & biochemical** properties 067784
on some **physiological & biochemical** peculi- 069318
achievements of **physiology & biochemistry.** 064239
Physiology & biochemistry of growth. [Live- 064385
Horses, muscles, **physiology, biochemistry**]. 064393
achievements of **physiology & biochemistry.** 064576
on plaant **physiology, biochemistry,** photosy- 067578
investigations in **physiology & biochemistry** 067871
achievements of **physiology** in **breeding** & s- 067251
on some aspects of **physiology** of **cattle** in t- 064483
Influence of **certain physiological** maturity i- 063664
Effect fertilizers on **certain physiological** pr- 068067
Physiological & chemical studies of chilling 063972
Physiology & cytological chemistry of blue- 067435
Physiology of **Dendrocalamus** latiflorus Mu- 067848
of two **physiologically & developmentally** ac- 070856
of development & in **different physiological** 068021
activity of poplars of **different physiological** 068560
Physiological effect of protein deficiency wi- 063277
Physiological effect of water quality & meth- 068250
Physiology of **egg** fromation. [Poultry]. 064390
Morphological & **physiological features** of c- 064547
anatomical & **physiological features** of sugar 067056
Some **physiological features** of apple trees r- 068377
anatomical & **physiological features** of sugar 071947
Physiology of **forest** trees. 3. Vegetative pro- 066371
between several **physiological functions** of p- 067397
some **physiological functions** of scorpion He- 070878
Physiological & genetic sensitivity to radioa- 067174
Physiology of **germination** of Tilletia teliosp- 069502
Physiological impact of coumarin on healthy 068211
Influence of certain **physiological maturity** i- 063664
Physiologic maturity in grain sorghum. 067958
Studies on **physiological mechanism** of self- 068398
Some features of **physiology & metabolism** of 064022
Biochemical & **physiological modifications** c- 069562
performance. [Horses, **muscles, physiology,** 064393
Nutrition-physiological problems in fattening 064766
Nutritional physiology & feeding of horses. 064762
Physiological peculiarities of entomopathog- 067694
measure against **piglet physiological** sideropt- 066013
tasks of researches on **plaant physiology,** bi- 067578
Andrei L'vovich Kursanov. [**Plant physiology**] 067583
biological self-regulation & **plant physiology** 067836
from agrochemical & **physiological points** of 072597
Studies on **postharvest physiology** & storage 063970
Nutrition-**physiological problems** in fattening 064766
fertilizers on certain **physiological processes** 068067
regulation of **physiological processes** in isola- 068484
phosphorus on some **physiological processes** 068497
Identification of a new **physiologic race** of 069534
Physiologic races of Rhynchosporium secalis 069258
On **physiological races** of Verticillium dahli- 069405
Reproductive physiology research at Univer- 065078
Physiological research of sugarcane to auxin 068042
Physiology & resulting aspects of intensive 064400
Physiological role of sucrose synthetase in s- 068161
Physiology of **seed** yield in field beans (Vicia 068045
Physiology of **seed** yield in field beans (Vicia 068046
relationship between **several physiological** f- 067397
against piglet **physiological sideropenic** ane- 066013
Physiological significance of spray irrigation 068385
Physiological state of dairy cows in connect- 064538
of growth regulators in **physiological state** of 067589
Physiological state of Aporta apples trees in 068502
of poplars of different **physiological state** in 068560
in different **physiological states.** 068021
phytopathological & **physiological studies** of 066797

Structural & **physiological studies** on parasit- 067012
Physiological studies of trp-2e mutant in N- 067432
Structural & **physiological studies** on parasit- 067735
Physiological studies on drought in wheat. 068191
phytopathological & **physiological studies** of 069548
Biochemical & **physiological studies** of certa- 070941
Physiology of **tuberization.** 067781
of nematodes on **physiology** of **vegetable** cr- 069832
Physiology of **yellow**-vein mosaic virus disea- 069641

PHYSODERMA
zoosporic fungi. [**Physoderma, Urophlyctis**] 066648

PHYSOSTIGMINE
Activity of **eserine-resistant** esterase of blood 064579

PHYTOCHROMES
on some **phytochrome-mediated** processes. [067762

PHYTOCOENOSES
Studies on some **phytocoenoses** with **Sesleria** 066903
of some **phytocoenoses** from **Victoria** lake (066904

PHYTOGEOGRAPHY
England & north France. [**Phytogeography**] 066707
Phytogeography of west **African** mountains 066698

PHYTOHEMAGGLUTININ
dose of **phytohemagglutinin** of **Phaseolus** bu- 068322

PHYTOHORMONES
compared with **phytohormones** in **growth** bi- 068011
chloride & **phytohormones** on **growth** of wh- 068086

PHYTOMASS
Growth & **overground phytomass** of Pinus k- 068069

PHYTOMYZA
Phytomyza for **controlling** Orobanche in su- 070235
of Crimea. [**Phytomyza, Orobanche,** control 070236

PHYTOPATHOGENS
yellow-pigmentary **phytopathogenic bacteria** 069589
as a locus of **phytopathogenic bacteria.** II. S- 069601
as antagonists of **phytopathogenic fungi.** [Fu- 069425

PHYTOPHAGA
Coleoptera, **Phytophaga, Alticidae.** 071341

PHYTOPHAGOUS
Distribution of **phytophagous** & **predacious** 070424

PHYTOPHTHORA
evidence on life-history of **Phytophthora.** [C- 067088
Phytophthora [infestans] blight of tomato. 069323
by strains of **Phytophthora** de **Bary.** 069469
agent of potato late **blight, Phytophthora** in- 069422
Pythium sylvaticum & **Phytophthora capsici** 067092
of root rot. [**Phytophthora cinnamomi**]. 069302
caused by **Phytophthora cinnamomi.** 069530
System of **controlling Phytophthora** in seed 069344
field resistance to **Phytophthora fragariae** H- 069312
for resistance to **Phytophthora infestans** & v- 067227
fungicides in 1972. [**Phytophthora infestans**] 069284
of potato leaves by **Phytophthora infestans** 069330
with copper salts. [**Phytophthora infestans**] 069448
using maneb. [**Phytophthora infestans**]. 069450
race of **Phytophthora infestans.** 069464
race composition of **Phytophthora infestans** 069564
for resistance to **Phytophthora infestans** & v- 069819
paradoxa, **phytophthora palmivora**]. 069433
chlamydospores by **Phytophthora palmivora** 069490
pod caused by **Phytophthora palmivora** (Butl 069560
paradoxa, **phytophthora palmivora**]. 070472
pieces as traps for **Phytophthora parasitica** 069485

PHYTOPLANKTONS
productivity by **phytoplankton:** evidence fr- 067594
destratification effects on **phytoplankton.** 067873
productivity of **phytoplankton** of **abbot's** po- 067644
Phytoplankton organization in Baie des Cha- 067638

PHYTOSEIIDAE
Two new species of mite **family Phytoseiidae** 071162
sex determination of **phytoseiid mites** (Acar- 070864

PHYTOSEIULUS
Importance of **Phytoseiulus persimilis** as a 070457

PHYTOSOCIOLOGY
structure of a **phytosociological collection.** 066858

PHYTOTOXIC
Formation of **phytotoxic substances** by diffe- 067697

PHYTOTOXICITY
of germanium by rice plant. [**Phytotoxicity**] 068153
Phytotoxicity & **herbicide** activity relative to 070154

PHYTOTRON
Vigour & variability of **phytotron-cultivated** 067164

PICEA
on root & mycorrhiza development. [**Picea**] 068605
Lepidoptera: Tortricidae). [**Picea**]. 070530
Fighting Dendroctonus in **Picea.** 070546
Supplying seedlings of **Picea abes** for high a- 066401
Drying of **Picea abies** Karst. stands during 066112
yield in even-aged stands. [**Picea abies,** Pinus 066211
Picea abies f. Rimosocortea & Picea abies f. 066611
changes in flushing processes of **Picea abies** 066868
substances from Norway spruce (**Picea abies** 068577
Weed control, Picea sitchensis, **Picea abies**] 069973
translocation of insecticides in **Picea abies** 070539
owned lands in Pera-Pohjola. [**Picea abies,** 066327
trunk volume of trees in uneven-**aged Picea** 066272
Larix laricina, Abies **balsamea, Picea** maria- 066939
Harvesting **Picea cones** in forest reserves & 066356
areas of softwoods. [Weed **control, Picea** sit- 069973
a greenhouse study. [**Picea engelmannii**]. 068596
uptake of seedlings (**Picea excelsa,** Pinus sil- 068541
field white spruce plantations. [**Picea glauca** 066390
Pinus ponderosa, Abies grandis, **Picea glauca, Harvesting Picea** cones in forest reserves & 070107 066356
laricina, Abies balsamea, **Picea mariana**]. 066939
management considerations. [**Picea mariana**] 069274
in nursery. [Pseudotsuga **menziesii, Picea** si- 066387
of planting. [Pseudotsuga **menziesii, Picea** si- 072202
oxomatairesinols from **Picea obovata.** 068529
Karsten causing dieback of **Picea & Pinus** in 069397
large spacings above spruce. [**Populus, Picea** 066373
Infection & deterioration of **Picea root** wood 069313
Weed control, Picea **sitchensis, Picea** abies] 069973
Pseudotsuga menziesii, **Picea sitchensis**]. 072202
Pseudotsuga menziesii, **Picea sitchensis,** Tsu- 066387
volume of trees in uneven-aged **Picea stands** 066272
on radial growth of **Picea** in **Tharand** Forest 068591

PICKLING
salt recovery system for spent **pickle brine.** 063956
Pest control in **commercial pickling** cucumb- 069745
German fruit, vegetable, & **pickle conserve** i- 063946

PICLORAM
Subcellular distribution of **picloram.** [Cowp- 068105
stump treatment with **picloram** & **notes** on e- 070190

PICORNAVIRUSES
of cat. Iii. Experiments with **picornaviruses** 065549

PIED
of intercalving period for **Black Pied** cows in 064495
Evaluation of fertility in **Black Pied** Lowla- 065043
Polish **Black Pied** Lowlands cattle. II. 065063
remarks on change of type in **Black Pied** L- 065069
A voice in discussion on **Black Pied** Lowland 065074
Industrial crossing of **Black Pied** cows with 065153
of production properties of **Black Pied** Low- 065206
in adult dairy cows of **Bohemian Pied** breed 064922
Milkability of Eastern Red **Pied cattle.** II. 065170
crossing in improvement of **Slovak Pied** & P- 065204

PIEDMONT
Home gardens for **Piedmont** South **Carolina** 068962
Soil erosion in **piedmont** & **mountain** regions 072348
on oldfields of **Pennsylvania Piedmont.** 066823
calves in mountainous & **piedmont regions.** 071418

PIERIDAE
of Colias alexandra complex (**Pieridae**) aided 071205
characteritics of some genera of **Pieridae** (L- 071364

PIERIS
Fatty acids of fat body of **Pieris brassicae** L 070503
in cabbage white butterfly, **Pieris rapae** L. 070859
irradiation of cabbage worm **Pieris rapae** cr- 070507

PIGEONPEAS
Unrivalled redgram SA. 1. [**Pigeonpeas**]. 068660
wilt of Cajanus cajan L. Millsp. [**Pigeonpeas**] 069352

PIGEONS
of hens, turkeys & **pigeons** after **application** 065694
microscopic study of **pigeon herpesvirus** in 065903
Melnagromyza obtusa Malloch) [**Pigeon pe-s**] 070347
Tumorous pigeon & canary pox. 065900

PIGMENTS
Ion exchange purified **anthocyanin pigments** 063953
radiation on some **beetroot pigments.** 064036
A note on **pigment chlorophyll** excreted by 071093
Chloroplast pigments in plants with C4-dica- 067750
anthocyanin, & flavonoid **co-pigments** on co- 068244
Effect of eye **colour pigments** on action spec- 070930
in Latvia. II. Non-**pigmented cultures.** 071821
chloride on amount of **pigments** of **different** 068503
induced-changes in bovine **muscle pigment.** 063624
of chlorophyll in **pigment mutants** of Chlam- 067455
of yellow-**pigmentary phytopathogenic** bacte- 069589
State of **plastid pigments** in carrot leaves in 068218
acid on growth, **plastid pigments,** & sucrose 068389
State of **plastid pigments** in carrot leaves in 069938
Pigmentation of **poinsettias** during short-day 068370

PIGS
in cost & compositon of feed for **pigs.** 062501
copper on growth & lipid metabolism in **pigs** 064343
*** 064345
conditions on behaviour of **porkers.** 064456
of pigs. Forming of sucking order of **piglets** 064489
to applied ethology in rearing of **pigs.** Form- 064491
P-labelled phosphorus compounds in **pigs.** 064590
Rapeseed meal & rapeseed for **pigs.** 064674
diet on nitrogen excretion in rats & **pigs.** 064904
energy levels on nitrogen balance in **piglets** 064919
dimorphism in submaxillary gland of **pig.** 065026
of some sulphonamides. III. Studies in **pig.** 065370
Incidence of tuberculosis in **pigs.** 065493
Cysticercus cellulosae infection in a **pig.** 065508
M in colibacillosis of calves & **piglets.** 065546
study of a spirochete isolated from **pig.** [Tr- 065618
infections of swine, calves & **piglets.** 065686
excreting virus of Aujeszky's disease in **pigs** 065700
of vaginal mucous membrane of **pig.** 064584
on glyceride distribution in backfat of **pigs.** 064656
in milk replacers for early weaning of **pigs.** 064908
I. In-vitro studies on myometrium of **pig.** [E- 065211
Congenital cervical heart position in a **pig:** s- 065953
study of slaughter values in **pigs according** to 064266
Immunization of **pigs against** swine pox with 065878
as a prophylatic measure **against piglet** phys- 066013
Usefulness of Piglac in **Artificial pig** rearing 064901
rheumatoid arthritis in **pigs associated** with 065519
analysis of Ohio graded feeder **pig auctions,** 062659
Economic evaluation of weaning **baby pigs** at 062580
activity of leukocytes in **baby pigs** weaned at 064504
recipes for feed mixes for **baby pigs** & their 064836
Economic evaluation of weaning **baby pigs** at 064837
studies in zootechnical practice. [**Baby pigs,** 065168
of stress factors on health of **baby pigs.** 065344
between resistance of **baby pigs** & age & ma- 065345
administered to calves & **baby pigs** with pn- 065633
Study of edema disease in **baby pigs.** 065814
Colivet in treatment of **baby pig** diarrhea. 065879
against edema disease in **baby pigs.** 065994
containing animal fat for **bacon pigs.** 064842
Newly **born pigs** as experimental animals. II 064568
of thyroid glands in **pigs** of **bothe** sexes, with 064261
putting into operation **pig-breeding** complex- 062470
purchasing & distribution of **breeding pigs.** 062749
for obtaining good results in **pig breeding** u- 065127
sanitary control of scalding of **pig carcass.** 063668
for evaluating composition of **pig carcasses.** 064517
coli 3157 from **pigs** with **colibacillosis** in Ca- 065448
preparation in calves & **piglets** for **control** of 065284
Colivet in treatment of baby **pig diarrhea.** 065879
for sorghum & what based **pig diets.** 064645
neutralizing antibodies in **pigs** at **different** s- 065701
Post slaughter losses in **pigs due** to Miescher 065564
Chronic catheter in **pig ear.** [blood sampling 065281
of Sinclair (s-l) miniature **piglets effected** by 064371
Research into tubal **pig eggs** fertilised in vit- 064951
Intrauterine migration of **pig embryos** in lit- 064964
compounds in **pigs** after **endogenous** phosph- 064589
Distribution of **pig enteroviruses** in farms of 065575
Profitable **pig-farming.** 062607
Comparative survey of new **pig farms** & their 071435
Complete mechanization of **pig farms.** [U.S. 071634
Pig fattening as affected by their segregation 064914
on pulmonary oedema of **fattening pigs.** 065550
on bioclimatic factors in a **pig fattening** shed 071478
analysis of Ohio graded **feeder pig** auctions, 062659
permanent catheters in growing **female pigs** 064303
on performance of growing-**finishing pigs** & 064654
on vitality of calves & **piglets** in **first** period 064472
Fructose in **pig foetuses** in last third of intr- 064349
Production of specific pathogen **free pigs.** 064183
deprived, specific-pathogen **free piglets** with 065899
adenoor enterovirus in **gnotobiotic piglets.** 065521
protein metabolism of **pigs growing** at a high 064287
activities of feces & urine in **growing pigs** af- 064565
in intensive fattening of **growing pigs.** 064912
organification of 131I [iodine] by **guinea pig** 063253
to oxaloacetate. [Rat, **guinea-pig,** rabbit]. 064320
of macromolecules by neonatal **guinea pig,** 064439
strain number 16 LVI on **guinea pigs.** 065685
by neonatal guinea **pig, hamster** & rabbit in- 064439
Northern Ireland **pig health** scheme. 065215
virus in sera of men, horses, **pigs, hens** & ge- 065570
Disorders in liquid feeding in **pig house.** 064690
of major apolipoprotein from **pig & human** h- 064421
An **inexpensive pig** sty. 071491
intestinal epithelial cells of **piglets infected** 065446
of sucking order of **piglets** & **influences** affe- 064491
immunity to swine fever in **pigs injected** with 065747
of macromolecules by **piglet intestinal** epith- 064440
Northern **Ireland pig** health scheme. 065215
Hypersensitivity of **piglets** to **iron** drugs. [P- 066030
of specialized industrial units of **pig keeping** 062311
vitro hydrocortisone catabolism in **pig liver** 064575
zootechnical practice. [Baby **pigs, mortality,** 065168
Haematopoiesis of **newborn piglets** & effect 064334
Studies on anemia in **newborn piglets.** 065981
Organization & putting into **operation pig-b-** 062470
measure against **piglet physiological** siderop- 066013

longissimus dorsi muscle of **pigs** in **Pietrain** 064466
live-animal appraisal with **pigs** from **point** of 064516
Problems of development of **pig population** 064170
mouth disease vaccines for **pigs produced** wi- 065698
number of workers in **pig production.** 062397
Profitable pig-farming. 062607
More on **pig purchasing.** 062750
to oxaloacetate. [Rat, guinea-**pig, rabbit**]. 064320
Antibacterin C, a prophylactic in **pig raising** 065749
testing of animal heaters for **rearin piglets.** 071642
of germ-free method of **pig rearing** in Poland 064163
Usefulness of Piglac in Artificial **pig rearing** 064901
of thyroid glands in **pigs** of both **sexes,** in re- 064263
Duration of immunity in **pigs simultaneously** 065737
between body dimensions of **slaughter pigs,** 064265
of meat productivity in **pigs** with **special** ref- 064262
in consistence of a type of **pig starter** meal 064630
Pig sties for specialized private farms. 071489
in a cooperative unit for 1000 **store pigs** at 065128
An inexpensive **pig sty.** 071491
powder in mixed feed for **suckling piglets** (p- 064764
viral) bronchopneumonia in **suckling pigs.** 065577
of 131I [iodine] by guinea **pig thyroid** tissue 063253
Research into **tubal pig** eggs fertilised in vit- 064951
Immunization of **pigs** with **vaccines** from in- 065898
On duration of immunity in **pigs vaccintaed** 065742
activity of leukocytes in baby **pigs weaned** at 064504
zinc deficiency in **weanling pigs** on high & l- 066323
some interior properties of **pigs** of **White** l- 064264
liver copper & iron storage of **young pigs.** 064438
isoleucine interrelationship in **young pig.** 064733
of isoleucine requirement of **young pig.** 064734

PIGSTY

An inexpensive **pig sty.** 071491

PILE

cleaners for mobile storage **piling machines** 071668
thermal soils & self-heated coal **waste piles.** 065585

PILOT

management for Colorado River **Basin pilot** 072424
Results of two-years work on a **pilot farm.** 062414
High rate biofiltration system for **food pilot** 063334
production in Shadab **Pilot Project.** 062937

PINACEAE

of secondary phloem in **Pinaceae.** [Larix lar- 066939
zonale Kleiner Liebling & **Thuja gagantea** g- 067180
a final hardwood crop. [**tsuga heterophylla,** 066385
Picea sitchensis, **Tsuga heterophylla**]. 066387
Arceuthobium tsugense, **Tsuga heterophylla**] 069273
on western hemlock. [**Tsuga heterophylla**]. 069511
Cryptomeria **japonica, Chamaecyparis** obtusa 068551
Pinus monticola, Pinus **lambertiana, Thuja** p- 066549
chaminic acid. [**Chamaecyparis nootkatensis** 068548
bryophytes & lichens of **Thuja plicata** in we- 066655

PINEAPPLES

Pineapples. [Production, processing]. 062819
bases. [Guavas, **pineapples, grandilla**]. 063930
Influence of size of **pineapple slips** on plant 068491

PINES

contact with pressure treated wood. [**Pine**]. 066513
Ethylene & regulation of growth in **pine.** [P- 068519
factors affecting growth of **Aleppo pine** in s- 068587
research on Central **American pines.** 066320
wound response of lodgepole **pine attacked** 068516
Use of **pine bark** in preparing container me- 069090
shade sites on Wisconsin **Pine Barrens.** 067560
pine attacked by mountain **pine beetle** & as- 068516
Beetle-killed **pine estimates.** [Dendroctonus 066271
of ash elements & nitrogen in **pine felling** a- 068565
roughness parameters for a **pine forest.** [Pi- 066105
of properties of Pinus wood in **pine forest** b- 066562
Pinetum forest type of Tersek **pine forest** of 066877
seedlings of Pinus sylvestris in **pine forest** b- 068600
Shelterwood cutting in tapped **pine forests.** 066342
of epiphytic lichens in **pine forests** of Mosc- 066866
of ground water in irrigated **pine forests** of 071950
of seed of various provenances of **jack pine** 068559
Increased mortality of Swaine **jack-pine** saw- 070533
Beetle-**killed pine** estimates. [Dendroctonus 066271
age of inverted radicle grafts of **Korean pine** 068592
of regional distribution of **pine, larch** & oak 066359
grade on survival & growth of **loblolly pine** 068598
Container **loblolly pines** promising for erosi- 072330
with wound response of **lodgepole pine** atta- 068516
pollen shedding phenology of **longleaf pine.** 068532
Coleoptera, Curculionidae) on **maritime pine** 070558
Emergence & behavior of **pine moth,** Dendr- 070541
of lodgepole pine attacked by **mountain pine** 068516
of adhesives in control of **pine needle** shedd- 069553
A ponderosa **pine needle** miner in Colorado 070561
according to bio-social classes in **older pine** 066295
Control of **pine pest** Gilipinia pallida in Jaun 070524
macromycetic groupings in **pine plantations** 066865
under natural thinning in **pine plantations.** 068566
Nucleotide metabolism during **pine pollen** g- 068578
elevational transect study of **ponderosa pine** 066212
A cost analysis of clearing a **ponderosa pine** 066307
on tracheid length in young **ponderosa pine.** 068539
Growth regulators stimulate **ponderosa pine** 068594
Selection & colonization of **ponderosa pine** 070552
A **ponderosa pine** needle miner in Colorado 070561
Container loblolly **pines promising** for erosi- 072330
pests of Douglas-fir & white **pine recorded** in 070556
Water storage of Scots **pine sapwood** in con- 066503
Observations on parasites of **pine sawflies** D- 070551
mortality of Swaine jack-**pine sawfly,** & foli- 070533
of a case of fume damage in **Scots pine** stan- 066150
industry on increment of **Scots pine** stands. 066152
Increment studies in **Scots pine** stands in vi- 066153
of artificial regeneration of **Scots pine** in no- 066326
Water storage of **Scots pine** sapwood in con- 066503
Scleroderris canker on red & **scots pine** in 069522
stimulate ponderosa **pine seedling** developm- 068594
survival & growth of loblolly **pine seedlings.** 068598
Response of **slash pine** to drainage & rainfall 066308
in trees of a 50 years old **pine stand.** 066198
a case of fume damage in Scots **pine stands** 066150
Increment studies in Scots **pine stands** in vi- 066153
to bio-social classes in older **pine stands.** [P- 066295
of Tuberculina maxima on **pine stem** rusts in 069281
western softwoods: white pine, **sugar pine,** 066549
on gas exchange in young firs, **Swiss pines,** 066402
Shelterwood cutting in **tapped pine** forests. 066342
Pinetum forest type of **Tersek pine** forest of 066877
redistribution of nitrogen in a **pine tree.** [Pi- 068570
of clearing a ponderosa **pine watershed.** 066307
variation in resistance to white **pine weevil** 070529
softwoods: white pine, sugar **pine, western** r- 066549
Injury to eastern **white pine** by sulfurdioxide 066089
Drought crack on western **white pine** in nor- 066094
Report on study of diseased **white pine** in e- 066154
of four western softwoods: **white pine,** sugar 066549
photoassimilated by young **white pines** in la- 068517
Curculionidae) by eastern **white pine** (Pinus 070529
Secondary pests of Douglas-fir & **white pine** 070556
from sun & shade sites on **Wisconsin Pine** 067560

PINK

chimeras of camellias "**Fragrant Pink**" prod- 067074

PINUS

in Norway, Sweden & Finland. [**Pinus**]. 066201
top form quotients of coniferous logs. [**Pinus**] 066203
social classes in older pine stands. [**Pinus**]. 066295
breeding evaluation of plus stands of **Pinus.** 066350
net radiation, solar radiation & wind. [**Pinus**] 066862
a character of gas-stability in plants. [**Pinus** 068536
equipment improves pollen viability. [**Pinus**] 068595
pinastri. I. Cultural variants. [**Pinus**]. 069317
imperfect state, & mode of attack. [**Pinus**]. 069437
in Norway, Sweden & Finland. [**Pinus**]. 072040
in even-aged stands. [Picea **abies, Pinus** elli- 066211
lands in Pera-Pohjola. [Picea **abies, Pinus,** 066327
Montana. [Arceuthobium **americanum, Pinus** 070182
Germination of **Pinus aristata** Engelm. 068540
of seasonal growth in **Pinus banksiana** Lam- 068542
provenances of jack pine (**Pinus banksiana** 068559
Neodiprion swainei, **Pinus banksiana**]. 070533
in Pera-Pohjola. [Picea abies, **Pinus, Betula** 066327
phosphorus between **Pinus** & **Betula** plants 068601
of sowing depth for **Pinus brutia** Ten. 066382
Thinning stands of **Pinus** in **continuous** seed- 066345
Dendroctonus ponderosae, **Pinus contorta,** a- 066271
associated microorganisms. [**Pinus contorta,** 068516
Arceuthobium americanum, **Pinus contorta**] 070182
associated microorganisms. [**Pinus contorta,** 070532
Dendroctonus ponderosae, **Pinus contorta,** a- 070549
aged stands. [Picea abies, **Pinus elliottii**]. 066211
pine to drainage & rainfall. [**Pinus elliottii** e- 066308
heavy application of sulfur. [**Pinus elliottii,** 069319
uptake of seedlings (Picea **excelsa, Pinus** sil- 068541
On agrotechnics of **growing Pinus** seedlings 066394
in southern Judean hills. [**Pinus halepensis**] 068587
of flora of fungi on **Pinus heldreichii** on mo- 066909
conditions & resistance of **Pinus** to **insect** p- 070543
causing dieback of Picea & **Pinus** in **Japan.** 069397
bignonioides, Sophora **japonica, Pinus** taeda 068227
fraction of oleoresin of **Pinus koraensis.** I. 068531
Seed stratification of **Pinus koraiensis.** 066355
overground phytomass of **Pinus koraiensis** y- 068069
grafts of Korean pine. [**Pinus koraiensis**]. 068592
cedar. [Pinus monticola, **Pinus lambertiana,** 066549
Pseudotsuga **menziesii, Pinus** strobus]. 070556
to "damping-off" disease of **Pinus merkusii** 069383
pine in northern Idaho. [**Pinus monticola**]. 066094
Port-Orford-cedar. [Pinus **monticola, Pinus** 066549
Pinus mugo, a new host for comandra blister 069512
during pine pollen germination. [**Pinus mugo**] 068578
phenology of longleaf pine. [**Pinus palustris**] 068532
in Diprion pini L. Larvae. [**Pinus, pests,** nat- 070557
pine in east Tennessee. [Air **pollution, Pinus** 066154
study of ponderosa pine. [**Pinus ponderosa**] 066212
mellea root rot of **Pinus ponderosa** seedlings 069525
pine by bark beetles. [**Pinus ponderosa**]. 070552
in British Columbia. [**Pinus ponderosa,** Abies 070107
estimates. [Dendroctonus **ponderosae, Pinus** 066271
at seedling shoot apex of **Pinus radiata.** 068515
tree nutrition & soil genesis. [**Pinus radiata**] 068581
parameters for a pine forest. [**Pinus resinosa** 066105
length from bud size in **Pinus resinosa** Ait. 066960
Scleroderris lagerbergii, **Pinus resinosa,** Pin- 069522
On agrotechnics of growing **Pinus seedlings** 066394
Seed production of **Pinus sibirica** Rupr. in 066360
On relation of **Pinus sibirica** to illumination 068568
of seedlings (Picea excelsa, **Pinus silvestris,** 068541
strobilinus] tip dieback of **Pinus spp.** in Cali- 069510
quantitative analysis of young **Pinus stands.** 066287
Chemical treatment of young **Pinus stands,** 066374
ozone alone & in mixtures. [**Pinus strobus**]. 066089
east Tennessee. [Air pollution, **Pinus strobus**] 066154
white pines in late summer. [**Pinus strobus**] 068517
regulation of growth in pine. [**Pinus strobus**] 068519
compression wood formation. [**Pinus strobus** 068580
by eastern white pine (**Pinus strobus**). 070529
Pseudotsuga menziesii, **Pinus strobus**]. 070556
fertilization. [Neodiprion **swainei, Pinus** ba- 070533
Scots pine stands in Ruhr. [**Pinus sylvestris**] 066150
of Scots pine stands. [**Pinus sylvestris**]. 066152
of a fertilizer factory. [**Pinus sylvestris**]. 066153
Growth of **Pinus sylvestris** l. plantations in 066257
Finland & origin of seed. [**Pinus sylvestris**]. 066326
low oxygen concentration. [**Pinus sylvestris**] 066503
of pollen tube growth of **Pinus sylvestris.** 068514
of nitrogen in a pine tree. [**Pinus sylvestris**] 068570
of annual seedlings of **Pinus sylvestris** in pi- 068600
on growth of **Pinus sylvestris.** 068603
lagerbergii, Pinus resinosa, **Pinus sylvestris**] 069522
bignonioides, Sophora japonica, **Pinus taeda** 068227
of loblolly pine seedlings. [**Pinus taeda**[. 068598
of sulfur. [Pinus elliottii, **Pinus taeda**]. 069319
relationships in loblolly pine. [**Pinus taeda,** 069488
for erosion control planting. [**Pinus taeda**]. 072330
photosynthetic activity in **Pinus thunbergii.** 068553
Life & activities of **Titius Pinus** Vendel, 180 066577
correlations of properties of **Pinus wood** in 066562
for quantitative analysis of **young Pinus** sta- 066287
Chemical treatment of **young Pinus** stands, 066374

PINWORM

plants a spossible hosts for **tomato pinworm** 070465

PIPELINES

of subsurface **irrigation pipelines.** 071450

PIPERACEAE

Peperomia species of Africa. 066639

PIPERAZINE

Piperazine salt of Phenasal in cases of sheep 065777

PIPPIN

haemoglobin types in **Peppin Merinos** genet- 065000

PIROPLASMOSIS

chemoprophylaxis of **piroplasmosis** in **cattle** 065800

PISAURIDAE

of genus Dolomedes (Araneae: **Pisauridae**). 071196

PISSODES

of oviposition of **Pissodes notatu** s (Coleopt- 070558
rest in development of **Pissodes notatus** (F.) 071053
to white pine weevil (**Pissodes strobi**) (Cole- 070529

PISTACHIO

Genetic resources in **pistachio.** 067328

PISUM

produced by pea aphid **Acyrthosiphon pisum** 070807
chloroplasts from **Pisum** & of **chloroplasts** f- 068132
Cultivation of peas (**Pisum sativum** L.) in S- 068374
in ripening cotyledons of **Pisum sativum** L. 068390
of etiolated seedlings of **Pisum sativum** L. [068412
dehydrogenase in shoots of **Pisum sativum.** 068463
in light induced mutants of **Pisum sativum.** 068261

PITH

in induction of divisions in **pith parenchyma** 067999

PITS

between pre & post-harvest **bitter pit** of "Go- 069794
distribution of **pits** on one **tracheid,** & their 066981

PITTOSPORUM

Form of gynoecium of **Pittosporum tobira.** 067036

PITUITARY

hormone from chick **anterior pituitary** glands 064311
Pituitary & gonadal hormones associated wi- 065014
Effects of avian & **mammalian pituitary** pre- 065031

PITYOPHTHORUS

Ratzeburg & **Pityophthorus knoteki** Reitter, 071250

PLACENTA

L.; seed & callus formation on **placentae.** 068283
studies in sheep. II. Feto-**placental changes** 065454
Oxytocin for retention of **afterbirth** in **cows** 066000
of ketose-reductase in **placenta & fetal** tissu- 064408
studies in sheep. III. **Feto-placental**-myome- 065455
effect of some plant extracts. [**Ginkgo biloba** 070279

Transplacental hog cholera infection in susc- 065387
Retention of **afterbirth** with **reference** to re- 065197
prevention & treatment of **retained placenta** 065969
Treating cows for **afterbirth retention.** 065995
Cannibalism & **sow placenta.** 064470

PLAGUE

Cultivation of **fowl plague** virus at low temp- 065475

PLAINS

Central Plain Region dairy farm business s- 062412
with land forming in **Coastal Plain.** 071812
Herb in northern **Hungarian Plain.** 066643
Western Plains Region dairy farm business 062411
date on guar production in **Rolling Plains** of 068844
blight & guar production in **Rolling Plains.** 069558
Natural soil areas in lower **Segura plain:** Fo- 071738
of Dioscorea deltoidea in **subtropical plains** 069207
Development of gullies on **plains** of **Turgai.** 072262

PLANE

Effect of **different planes** of nutrition during 064711
crossbred cattle on different **feeding planes** 064880
dairy cattle in relation to **plane** of **nutrition** 064712
coefficient on horizontal leaf-**shaped plane** s- 067625
forced-convection from a leaf-**shaped plane** 067626

PLANIMETER

A television-scanned, **digital planimeter** & d- 063294

PLANIPENNIA

chrysopid species (**Planipennia, Chrysopidae** 071243

PLANKTON

An **annual plankton** cycle on Chesapeake B- 066824
Coccoliths, **calcereous plankton** since million 066751
Alterations in **Crustacea-plankton** ov Sempa- 071018
Seasonal periodicity of **planktonic diatoms** in 067595
realized by some **planktonic fresh** water alg- 067467
Development of **planktonic organisms** of an 066828

PLANTAGINACEAE

of some species of **Plantago** in **Azerbaijan.** 066983
self-incompatibility in **Plantago lanceolata.** 067166

PLANTATIONS

grass mulch in a mature **coffee plantation.** 070191
damages in **coniferous plantations** in Duna-T- 066086
poplar tentmaker in **cottonwood plantations** 070559
Firestone **Plantations' experience** with Ethr- 069224
chemical weed control in **forest plantations** 070164
Rotation in Eucalyptus **hybrid plantations.** 066337
on deeping quality of **Indian plantation** whi- 063131
of Pinus sylvestris 1. **plantations** in **Issyk-K-** 066257
macromycetic groupings in **pine plantations** 066865
under natural thinning in **pine plantations.** 068566
of sod-podzolic soils under **pine plantations** 072144
can damage young hybrid **poplar plantations** 066144
Poplar plantations in fourth Aarau forest di- 066372
of established **raspberry plantations** to a ra- 070090
moth--a pest on tobacco **seed plantation.** [B- 070366
aids old field white **spruce plantations.** [Pic- 066390
couch grass) in **strawberry plantations.** 070086
Plantations supply Argentine board plant w- 066568
On **tobacco plantations** of Crimea. [Phytom- 070236

PLANTHOPPERS

of rice stripe by small **brown planthopper** L- 069619

PLANTS

Evolutionary ecology of **plants:** a review. III 062800
Evolutionary ecology of **plants.** A review. IV 066832
of Althaea rosea isolated from same **plant.** 066976
Roots. [**Plant**]. 067038
State & tasks of morphophysiology of **plants** 067040
Lam. in relation to age of shoot & **plant.** 067053
hybrid. II. Data for generalization. [**Plants**] 067077
traits of varieties, species & sex of **plants.** 067178
Mutation breeding in Czechoslovakia. [**Plan-s**] 067198
Genetic conservation in Hungary. [**Plants**]. 067327
Promising trends in genetic studies. [**Plants**] 067348
Ionic relationships of soil & **plant.** IV. Ion 067393
several physiological functions of **plant** & D 067397
organs during geotropic reaction of **plants.** 067403
Mineral absorption process in **plants.** 067458
coumarins & coumarin fractions from **plants.** 067492
Translocation of radionuclides in **plants.** 067549
on entering of strontium-90 into **plants.** 067562
for diagnosis of frost-resistance of **plants.** 067582
by thin-layer chromatography. [**Plants**]. 067603
on metabolism & growth. [**Plants**]. 067604
with temperature-distribution. [**Plants**]. 067626
method of diagnosing nutrition of **plants.** 067678
of ribulose diphosphate carboxylase. [**Plants** 067725
water content & response to drought. [**Plan-s**] 067729
problems in sampling & processing of **plants** 067741
Multiphasic uptake in **plants.** I. Phsophate 067760
metabolism to low water potentials in **plants.** 067763
Bicyclc diterpenes. [**Plants**]. 067790
Roots. [**Plant**]. 067830
On photoregulatory systems of **plants.** 067831
Some remarks about cytokinins. [**Plants**]. 067839
Cadmium in **plants.** 067862
in physiology & biochemistry of **plants.** 067871
on developing seedlings of these **plants.** 068071
at different levels of zinc supply of **plants.** 068074
of alpha-galactosidases in seeds of **plants.** [068081
Amino acid metabolism in **plants.** IV. Kinet- 068296
as a character of gas-stability in **plants.** [Pi- 068536
stands in relation to their density. [**Planting**] 069154
Air pollution--enemy of **plants.** 069813
infestation & their injury to **plants.** 069832
Influence of mycotoxins on **plants.** 069921
availability of atrazine & linuron to **plants.** 069998
applied shortly after **planting.** 070080
methoxy-3,6-dichlorobenzoic acid in **plants.** 070162
ester) on chemical composition of **plants.** 070174
Insects in population dynamics of **plants.** 070294
to determine pesticide residues in **plants.** 070687
Insect & **plant:** progressive palaeoecological 071023
Ionic relationships of soil & **plant.** IV. Ion 071709
availability of atrazine & linuron to **plants.** 071746
on entering of strontium-90 into **plants.** 071770
for Soil Science & Cultivation of **Plants** (I- 072183
response to fertilization at time of **planting.** 072202
preparing plastic epidermal imprints. [**Plants** 066945
Accelerate plant growth. [Camellia]. 068233
acitvity of ribosomes in **plants adapted** to d- 068167
German plant production. V. **Adjusting plant** 062820
Inula candida) a trans **Adriatic plant.** 066743
from leaves of Stramonium **plants affected** w- 069660
effects of some East **African plants.** 067469
A biological match: **Plants against** animals. 069894
requirements of useful **agricultural plants.** 067682
Research Institute for **Agricultural Plant** Cu- 068755
to results of chemical **plant analysis,** as con- 072025
Ohio **Plant Analysis** Laboratory. [Foliar dia- 072166
in food chain (soil x **plant** x **animal** x man). 072584
in food chain. [Soils, **plants, animals**]. 067546
certain organic consituents of **apple plants.** 068375
leucotricha, marrow cabbage **plants, apples**] 069238
Effect of pre-**planting application** of mineral 072208
Victoria amazonica: gigantic **aquatic plant.** 066752
Water gardening. [**Aquatic plants**]. 069041
chlorthiamid) in **planted areas** of softwoods. 069973
Cultivation of **plants** under **artificial** light. 2 068215
theoretical problems of **plant associations** in 066875
concerning taxonomy of **plant associations.** 066913
Arthropoda in alfalfa field **plant associations** 070359
Roses can be **planted** in **autumn.** 069086
Autumn planting of citrus crops. 069148
water uptake of **Avena plants.** II. Effects of 068102
Plant bananas where temperature is right. 068983
aspect of protein turnover of **barley plant** d- 068152
chloride by wheat, oats & **barley plants.** 068195
in excised leaves of corn & **bean plants.** 070230
frutescens hybrida as a pot & **bedding plant** 068499
on subject of protection of sugar **beet plant** 069838
phosphorus between Pinus & **Betula plants** 068601
years of research on marine **plant biology** at 067473
species of Cercospora. [**Blight, Plants**]. 069293
Plantations supply Argentine **board plant** w- 066568
Orgins of vector-**borne plant** viruses. 069700
Recent topics on control of soil-**borne plant** 069752
Orgins of vector-**borne plant** viruses. 070295
screening" of **Brazilian plants.** 067821
quality requirements on **plant breeder.** 067169
Mendel ame to Brno. [**Plants, breeding,** an- 065023
mutagenesis in Poland. [**Plant breeding**]. 067184
of utilizing mutations in **plant breeding.** 067185
Section of All-Union **Plant Breeding** & Gen- 067216
world collection of **plants** in **breeding** new h- 067265
Mendel ame to Brno. [**Plants, breeding,** an- 067293
is offered to agriculture by **Plant Breeding** 067321
Trends of alterations in **plant breeding** met- 067335
Genetics & **plant breeding** in German Demo- 067337
Reko red clover--results of **plant breeding** a- 068839
orange used for semi-practical **Ca plant.** [C- 063968
Varieties of **cabbage plants.** 069027
leucotricha, marrow **cabbage plants,** apples] 069238
of premature lateral roots of **cacao plants** (067414
in Hyacinthus orientalis & **Calla plants.** 069595
Response of newly **planted Cambridge** Vigo- 070083
of auxin content of corn **plants caused** by I- 067908
composition of lipids in various **plant cell** cul- 067479
ring-cleavage of tyrosine in **plant cell** culture 067779
of hypersensitive death of a potato **plant cell** 069464
Comparison with effects on **plant cells.** 064337
Studies on growth in culture of **plant cells.** 068546
activity of aqueous extracts of **certain plants** 065763
in case of harvesting of **certain plants.** 071684
ovens for manufacture of **plant charcoal.** 063302
Future shock. [Dairy **plants, cheese**]. 063566
according to results of **chemical plant** analys- 072025
on rosette-like growth of un-**chilled plants** by 068305
Ecology of a new insect pest of **citrus plant,** 070414
by excised leaf tissue of **coffee plants** (Coffea 067826
Properties of solid emissions in **coking plant** 072597
Evaluation of **plant collections.** [Genetic res- 067326
Fungi occurring in **common plant** communit- 066870
Late glacial plants & **plant communities** in 066621
of spatial pattern in **plant communities.** 066855
occurring in common **plant communities** of 066870
Condiment plant culture & management. 1. 069200
Water metabolism of **plants** under **conditions** 067404
metabolism of **plants** in **connection** with ge- 068333
pines promising for erosion **control planting.** 072330
In **plant control** of wastes. [Water pollution 072587
XI. Changes of auxin content of **corn plants** 067908
on dry matter production in **corn plant.** I. S- 067955
of cotyledonous leaves of **cotton plants.** 067881
ribosomal fractions of cells of **cotton plant.** 068144
acrita on susceptibility of **cotton plants** to 069475
of utilizing fertilizers on **cotton plants** in U- 072134
physiological processes in **cotton plant.** 068067
to residues of pre-**planting couchgrass** herbic- 070089
coefficients of brightness of **plant cover.** 066893
Influence of **plant cover** on permeability of 071856
of accuracy of **covering plants** with a copper 069451
fertilizers on yields of **plants** in **crop** rotati- 068897
Investigations on damage to **crop plants** near 069912
fertilizers on yields of **plants** in **crop** rotati- 072236
Homoptera) on wild **cruciferous plants** (Cru- 070287
New **plants** in **Cuba.** II. 066608
certain species of **cultivated plants.** 067193
chromosome mutations in **cultivated plants.** 067302
Average samples of **cultivated plants** & prep- 067605
Yield formation of various **cultivated plants** 068909
limitation of epidemic of **cultivated plants.** 069887
Post-**planting cultivation** aids old field white 066390
region. [Pastures, forage **plants, culture**]. 068713
Institute for Agricultural **Plant Culture,** Zur- 068755
Condiment **plant culture** & management. 1. 069200
Propagation of ornamental **plant cuttings** by 068919
of some practical uses of **cycocel plant** grow- 067797
transplantability of **plants,** & cyto-histologi- 068942
British Columbia. [**Plant cytogeography**]. 066956
African & Malagasy species. [**Plant cytology**] 066965
receiving department in a new **dairy plant.** 063534
methods of culture application in **dairy plant.** 063541
Future shock. [**Dairy plants,** cheese]. 063566
of winter wheat grain & **planting date** & fert- 068750
Influence of **planting date** on guar producti- 068844
Effects of **planting dates** & seeding rates on 068728
Planting dates & planting density of sunflo- 068832
Effect of **planting dates** on yield capacity of 068857
Lemna. II. dark reaction of short-**day plant** 067758
L.). 1. Relation between **plant density** & till- 068080
of pollination method on high **density plant** 068418
on yield & quality in high **density plant** pop- 068573
Planting dates & **planting density** of sunflo- 068832
pigments in **plants** with C4-**dicarboxylic** acid 067750
Nematodes associated with **different plants** 069899
potassium by **plants** from **different** soil & b- 071820
making capacity of **plants** with **differing** moi- 064101
olfaction in food **plant discrimination** in tob- 070916
Records & taxonomic notes on **plant disease** 066647
as a possible tool to forecast **plant disease** s- 069308
tillage increase incidence of **plant disease?** 069817
in healthy & virus-**diseased plants** during se- 069668
Mycoplasmas as a cause of **plant diseases,** w- 069629
topics on control of soil-borne **plant diseases** 069752
Biological control of **plant diseases** & weeds 069841
Mathematical analysis of **plant diseases** epi- 069886
Biological control of **plant diseases** & weeds 070171
mildew & certain other **plant diseases.** 069331
Emperor Jahangir on **plant disorders.** 069776
Edaphic control of **plant distribution** in Whi- 066839
methods in study of **plant distributions.** 066709
in market poultry & poultry **dressing plant** 063159
nationalis pragae [Czechoslovak **dried plant** 066598
of sheep poisoned by poisonous **plants due** to 066061
Migrations of weeds. [**Plant ecology**]. 066705
method of ordination. [**Plant ecology.** 066856
of sandy-desert terrain. [Soils, **plant ecology**] 066873
from Czechoslovak flora. [**Plants, ecology**]. 066895
Sellrain Upper Valley, Tirol. [**Plant ecology** 066907
ecological naivete. [**Plant ecology**]. 067643
of sandy-desert terrain. [Soils, **plant ecology**] 071829
Outlook for use of **endemic plants** of Azerba- 069059
Plant & its **environment.** [Dianthus caryop- 069545
poultry dressing **plant environments** in Phil- 063159
Interactions between **plants** & **epiphytic** bac- 067908
equipment, irrigation **equipment, planting** e- 071666
species of Caucasus. [Drug **plants, essential** 066685
Ecological features of **plants** in **estuary** area 066841
ecology of continental **European plants.** 066706
under field conditions. [**Evaporation, plants**] 067625
oxidases. [Assay methods, soil **extract, plant** 067545
synthesis of some **plant extractives.** 067675
of cytokinins in **plant extracts.** 067778
nitrate & nitrate reductase in **plant extracts** 067929
Luteolin glycosides in some **plants** of **family** 067512
viral meristems of potatoes to **plant-feeders** 069060
Plan for livestock. [Forage **plants, feeding**]. 064821
Feeding plants with ammonia water through 067870
A **plant-feeding** mite Mononychellus tanajoa 070378
of Arthropoda in alfalfa **field plant** associati- 070359
New **plants** in **flora** of Oltenia. 066815
on irrigation methods of **flowering plants** gr- 069038
Cost price of **fodder plant** seed. 062486
some annual & perennial **fodder plants.** 071952
Common diseases of tropical **foliage plants.** 069791
Heavy metals in **food plants** & forage plants 063067
in dependence on different **food plants.** [For- 070527
Role of gustation & olfaction in **food plant** d- 070916

Heavy metals in **food plants** & forage plants 072511
of yields of various **forage plants.** 062799
Heavy metals in food plants & **forage plants** 063067
Forage plant sources used in preparation of 064091
Green Plan for livestock. [**Forage plants,** fe- 064821
biochemical characteristics of **forage plants.** 067893
in Volga region. [Pastures, **forage plants,** cu- 068713
research on culture of **forage plants.** 068746
After harvest planting of **forage plants** in ce- 068864
Improving natural meadows. [**Forage plants**] 068884
Heavy metals in food plants & **forage plants** 072511
as a possible tool to **forecast plant** disease s- 069308
not plant for moonlight? [**Fragrant plants**]. 069108
of Ceratocystis ulmi growing on **fresh plant** 069391
against simazine damage in **freshly planted** 070079
for artificial freezing of **fruit plants.** 068339
Magnesium fertilization of **fruit plants.** 068466
Production techniques on **garden plants.** 8. 068919
Arbutin in some **plants** of **genus** Sedum. 067517
35 Years of **German plant** production. V. Ad- 062820
on predominantly north **German plants** of s- 066636
35 Years of **German plant** production. V. Ad- 069079
Late **glacial plants** & plant communities in 066621
dry matter production of **grassland plants** d- 067899
Nitrogen metabolism of **green plants.** I. Rev- 067572
Nitrogen metabolism of **green plants.** II. Ef- 067573
uptake of nutrients by **green plant** mass of 068063
Dynamics of **plant ground** cover as related to 066842
N, P & K on nodulation of **groundnut plants** 072035
of various cultivated **plants growing** on light 068909
methods of flowering **plants grown** under gr- 069038
Variability of **plant growth** within controlled 067483
Plant growth responses induced by some bio 067620
Comparative studies of **plant growth** & distr- 067637
Zonal formation regions of **plant growth** & 067685
some practical uses of cycocel **plant growth** 067797
green mass depending on **plant growth** & de- 067893
Plant growth regulators as a pretreatment f- 067920
Glyphosine-a **plant growth** regulator for sug- 067921
salinization on initial phases of **plant growth.** 067996
Some effects of salinity on **plant growth** with 068050
Mathematical analysis of **plant growth.** Zea 068108
nodules during process of **plant growth.** 068168
Accelerate **plant growth.** [Camellia]. 068233
celery seed germination with **plant growth** r- 068290
micro-electromagnetic fields on **plant growth** 068291
bean roots & its inhibition by **plant growth** 068324
of size of pineapple slips on **plant growth,** f- 068491
of nonuniformity of **planting** on **growth** & yi- 068653
Use of **plant growth** regulators in control of 069996
Effect of some **plant growth** regulators on s- 069997
Effects of **plant growth**-regulatory chemicals 070102
Effect of **plant growth** regulators on domina- 070103
Soil moisture available for **plant growth** in 071801
Comparative studies of **plant growth** & distr- 071806
Zonal formation regions of **plant growth** & 071822
Plant growth & eutrofication factor. 072604
After **harvest planting** of forage plants in ce- 068864
impact of coumarin on **healthy plants** & tho- 068211
between some species of **herbaceous plants.** 066897
ribosomal ribonucleic acid in **higher plants.** 067333
of chromosomes of **higher plants** & animals 067383
on seed germination of **higher plants.** 067563
modify radiation injury of **higher plants.** 067581
Nitrate reduction by **higher plant** peroxidase 067597
data in evolutionary studies of **higher plants** 067789
in certain families of **higher plants.** 8. Erica- 067819
of unsaturated fatty acids by **higher plant** s- 067909
Influence of **plant hormones** on plant storage 067864
characteristics of **horticultural plants.** 1. H- 068395
Share of genetic factors of **host plants** on s- 067345
dendriticum (Wallr.) Fuckl. & its **host plant** 069411
Cover crops as **host plants** for Pratylenchus 069909
of Tetranychus urticae Koch & **host plants.** 070278
of Tetranychus urticae Koch & **host plants.** 070279
Deductions from present day **host plants** of 070292
cabbage rootfly with its food & **host plants.** 070499
of Tetranychus urticae Koch & **host plants.** 070994
of Tetranychus urticae Koch & **host plants.** 070997
Deductions from present day **host plants** of 071024
List of **plant hosts** of nematodes in New Ze- 069843
Three ever-popular **house plants.** 1. African- 069123
germination & growth of **plants important** to 067835
Increased planting in Holland. [Fruit culture 069157
Mold that **indicates plant** insanitation--a new 063087
Plant induced soil salinity patterns in two s- 071809
from healthy & mycoplasma-**infected plants** 069614
a spiroplasma in corn stunt-**infected plants** 069877
related to age & place of **plant inoculation.** 069735
Mold that indicates **plant insanitation**--a new 063087
growth & development in **plants** & **insects.** 067824
on "U.S farmer's **planting intentions**". 062360
its access to **plants** by **interaction** with orga- 071936
their role in **plant interrelations** in phytoce- 068538
Plant introduction & crops evaluation as an 062170
of "storage effect" in **irradiated plant** seeds 067802
Studies of Pacific **island plants.** XXV. Myrs- 066623
macrophomina [phaseoli]--infected **jute plan-s** 068040
improving tillage of fall fallow **land planted** 072308
Leguminous plants as hosts of Helminthosp- 069457
II. dark reaction of short-day **plant Lemna** 067758
Plant in **life** of an aphid. 070291

for regulating soil conditions of **plant life.** 072193
esculentum Mill.) **plants** from **linear** parame- 069639
Genetics for agriculture. [**Plants, livestock**]. 065094
Pierce) Smith) in yellow **lupine plants** as re- 069735
M & S with aid of a test **plant Lycopersicum** 069733
their effect on growth of **maize plants.** 067991
aminotransferases in bean & **maize plants.** 067998
chlorophyll content of young **maize plants.** 068039
dehydrogenase in bean & **maize plants.** 068095
aminotransferases in bean & **maize plants.** 068345
dehydrogenase in bean & **maize plants.** 068430
DDT insecticides from soil into **maize plants.** 070352
their effect on growth of **maize plants.** 071773
Malagasy plants. X. 1. New alkaloid from 067851
Nitrogen **management, plant** population & r- 072154
hundred years of research on **marine plant** b- 067473
uptake of nutrients by green **plant mass** of 068063
of boron conten t in **plant material.** 067773
ulmi growing on fresh **plant material.** 069391
of total nitrogen in **plant materials** with an 067412
A new **plant materials** center. [Soil conserv- 072305
occurrence of thiothreonine in **plant matter.** 066673
On possible role of **plants** in **mechanism** of 069655
costs of aids to **mechanize plant** production 071546
Mechanized planting of grass on slopes of d- 071560
investigation of **medicinal plants.** Ix. Hydro- 067700
properties of wild, **medicinal plants** of Kara- 069602
Diamines in **plant metabolism** under conditi- 068487
yield of crops. 3. Effects of **missing plant** & 068653
Respiratory chain of **plant mitochondria.** XV 068265
phosphorylation by **plant mitochondria.** [Tu- 068266
membranes from **plant mitochondria.** [Caulif- 068281
Anion transporters in **plant mitochondria.** [068447
Why not **plant** for **moonlight?** [Fragrant pl- 069108
of incompletely quoted **plant names.** 066606
which are not. [Ornamental **plants, names**]. 066794
chemical centers & **national plant** protection 069783
Response of **newly planted** Cambridge Vigo- 070083
on phenolic reactions of **Nicotiana plantlets** 069469
Name's same. [**Plants, nomenclature,** Harry 066670
of cold-stored strawberry **nursery plants.** 063934
grown crops in ornamental **plant nursery.** 070013
North Queensland. 2. **Plant nutrient** status. 071743
Losses of nitrogen & other **plant nutrients** to 071802
Iron in **plant nutrition.** 067398
Soil-**plant nutrition** studies on tropical rice. 068156
activity relative to level of **plant nutrition.** 070154
Soil-**plant nutrition** studies on tropical rice. 072191
between strontium & calcium in **oat plants.** 068032
from rhizosphere of barley & **oat plants** on 068071
of essential oil & eugenol by **Ocimum plant** 067687
Ohio Plant Analysis Laboratory. [Foliar dia- 072166
formation during seed storage. [**Oil plants**] 063787
Caucasus. [Drug plants, essential **oil plants**] 066685
Brussels sprouts: estimated **optimum plant** 068977
literature. 2. Select **orchidaceous plants.** 068940
of honey with regard to **plant origin** by mea- 063355
in livestock diets of foods of **plant origin** w- 064721
arboviruses in tissue cultures of **plant origin** 069656
Roses which are not. [**Ornamental plants,** n- 066794
Growth regulators, **ornamental plants**]. 068222
plants. 8. Propagation of **ornamental plant** 068919
optimal batch sizes in **ornamental plant** pro- 068950
New **ornamental plant** varieties. 069021
to British growers. [**Ornamental plants**]. 069093
Planting quality. [**Ornamental plants**]. 069094
Woody **ornamental plants** tested for Monta- 069130
of field grown crops in **ornamental plant** nu- 070013
Pests of **ornamental plants** & their control 070434
location of tablestock potato **packing plants** 063975
beta-glucosidase. [**Parasitic plants**]. 067457
Studies in control of **plant parasitic** nemato- 069825
Plant pathologists devise rapid screening te- 069599
in isolated chloroplasts of **pea plants.** 068344
germination & maturation of **pea plants.** 068347
between biological elements of **pea plant** pr- 068504
pressure to roots of intact **pepper plants.** 068431
Germination **periodicity, plant** survival & se- 067462
Nitrate reduction by higher **plant peroxidase.** 067597
Andrei L'vovich Kursanov. [**Plant physiology**] 067583
biological self-regulation & **plant physiology** 067836
biofiltration system for food **pilot plants.** 063334
A catalog of **plants** in **Plant** Science Instruc- 066591
Planting without **plowing.** [Corn]. 068794
of sheep poisoned by **poisonous plants** due to 066061
study of rye **plants pollinated** with wheat po- 067039
Poplar planted at large spacings above spru- 066373
estimated optimum **plant population** & effect 068977
Nitrogen management, **plant population** & r- 072154
quality in high density **plant populations.** [068573
Plant populations for twin-row cotton. 068770
concentrations in **plants** & **possibly** human i- 064346
Post-planting cultivation aids old field white 066390
by use of herbicides & **post-planting** soil cul- 069129
of hypersensitive death of a **potato plant** cell 069464
of virus isolated from **potato plants** of varie- 069664
strawberries to residues of **pre-planting** cou- 070089
Effect of **pre-planting** application of mineral 072208
Precision planting--an economy in managem- 066385
Air pollution for **plants--problems** of emissi- 069802
raw materials for feed **processing plants.** 062362
Survey of wineries & grape **processing plants,** 062821

in twelve fluid milk **processing plants** as det- 063128
Survey of wineries & grape **processing plants,** 063986
odor control in meat **processing plants.** 072589
Department of **Plant Production** Mucheln. 062350
production. V. Adjusting **plant production** to 062820
Increased intensification of **plant production** 066891
batch sizes in ornamental **plant production** 068950
35 Years of German **plant production.** V. Ad- 069079
plant protection service in **plant production** 069783
costs of aids to mechanize **plant production** 071546
of equipment for **plant production.** 071619
of technical methods of **plant production.** [071622
elements of pea **plant productivity** & yields 068504
Layering. [**Plant propagation**]. 069042
of economic indices in **plant protection.** 062468
Costs & returns of **plant protection** in horti- 062507
organization of **plant protection.** 062606
of agriculture & **plant protection.** 062936
fungicides applied in **plant protection.** 069384
Plant protection--environmental protection. 069754
Tasks of **plant protection** agronomists, agric- 069783
Tasks & organization of **plant protection** in 069784
Plant protection card for management, plan- 069785
like beet culture & tasks of **plant protection** 069788
to problems caused by **plant protection.** 069801
Plant protection-environmental protection. 069811
Actual problems of **plant protection** in Popu- 069812
Plant protection in vegetable culture 1973. 069849
Plant protection in fruit culture 1973: guidel- 069850
Plant protection treatments as a way to dec- 069852
of crop rotation in **plant protection** against 069853
in work plan for 1972 of **Plant Protection** I- 069855
Chemical products for **plant protection** in 1 069856
appraisal of realization of **plant protection** 069859
Plant protection, forest protection, nature c- 069860
Tasks of **plant protection** for years 1972-19 069861
to take by users of **plant protection** products 069896
Problems of **plant protection** in Siberia. 069900
Contribution of aviation. [**Plant protection**] 069922
organization of **plant protection.** 069924
Fight for high yields. [**Plant protection**]. 069925
Forecast for 1973. [**Plant protection**]. 069926
Problems of **plant protection** in Hungary. 069927
field crops, yields, **plant protection**]. 069928
of economic indices in **plant protection.** 069929
to take by users of **plant protection** products 070192
Plant protection in industrialized agricultur- 070311
quantity--regulations for **plant protection** m- 070694
Fertilizer & **plant protection** equipment. 071574
Plant protection-environmental protection. 072531
Plant protection, forest protection, nature c- 072576
drift damages with **plant protective** work, p- 069786
damages when using **plant protectives** & pos- 069787
Culture of **plant protoplasts.** [Tomatoes]. 066937
Planting quality. [Ornamental plants]. 069094
Nomenclature of incompletely **quoted plant** 066606
of different species of **plants** to **radioactivity** 067186
Some new or **rare plants** for flora of Oltenia 066816
Water excess & **plant reaction.** 067593
Plant recognition by lepidopterous larvae. 071030
Plant registration. 068949
with emphasis on cereals & **related plants.** 068050
composition of **plants** in **relation** to applicat- 067869
readings to electric values. [**Plant research**] 067577
Effect of seed irradiation on **plant resistance** 069426
fungi for breeding of **resistant plants.** 069454
mosaic virus isolated from **rhubarb plants** in 069633
of arsenic residues in/on **rice plants.** 063193
pattern of organ development in **rice plant.** 066995
index & root activity of **rice plants.** 067941
production & grain fertility of **rice plant.** 067943
of endogenous gibberellins in **rice plants** as 067947
growth of various leaf blades in **rice plant.** 067950
of growth & development of **rice plant.** I. Ef- 067951
to paddy field & its absorption by **rice plant** 067953
to paddy field & absorption by **rice plant.** 5. 067954
uptake of germanium by **rice plant.** [Phytot- 068153
of nitrate nitrogen fertilizer on **rice plant.** 068173
On a new variety "inaba-wase" of **rice plant** 068842
Increasing level of resistance of **rice plants** 069248
of empty grains of indica **rice plants** in dry, 069774
uptake of germanium by **rice plant.** [Phytot- 069902
to prevent zinc deficiency in **rice plant.** 070388
on growth & yield of **rice plant** in ill-drained 068174
Barrel-**ring planting.** 069105
at low temperatures in zone of **plant roots.** 068006
seed rutabagas, & **planted rutabagas.** 069081
Cytoembryological study of **rye plants** polli- 067039
A catalog of plants in **Plant Science** Instruc- 066591
Secondary plant substances & warning colo- 071029
Cost price of fodder **plant seed.** 062486
of somatic mutations in clonal **seed plants.** 067181
conterminana H. S. on lettuce **seed plants.** 070482
of "storage effect" in irradiated **plant seeds** 067802
Selected plant has higher yield value. [Grap- 067391
IRRI-6) by single **plant selection.** [Rice]. 067284
of carbon dioxide gradients in a **soil-plant-a-** 067743
A differential psychro test of **plant-soil-wea-** 067745
measuring carbon transfer through **plant-soil** 068125
Soil-plant nutrition studies on tropical rice. 068156
by use of herbicides & post-**planting soil** cul- 069129
Influence of low **plant & soil** water potentia- 069471

of carbon dioxide gradients in a **soil-plant-a-** 071854
measuring carbon transfer through **plant-soil** 071865
Soil-plant nutrition studies on tropical rice. 072191
between root adsorption of **plants** & **soil** ad- 067555
Selenium in food chain. [**Soils, plants,** anim- 067546
Masurement of water potential. [**Plants, soi-s**] 067627
Selenium in food chain. [**Soils, plants,** anim- 071767
study of sandy-desert terrain. [**Soils, plant** e- 066873
evaluations of some **solanaceous plants** a sp- 070465
bracteatum Lindl.--a new **plant source** of op- 067673
Forage **plant sources** used in preparation of 064091
Influence of **plant spacing** & date of harvest 068361
phosphorus, potassium] & **plant spacings** on 072088
pragae [Czechoslovak dried **plant speci-**. 066598
of lime on lead uptake by five **plant species.** 069829
host plants. I. Effect of **plant species.** 070278
of lime on lead uptake by five **plant species.** 072555
Yield of all-**planted spinach** surviving low t- 069046
a new insect pest of citrus **plant, Spitarctia** 070414
Biosynthesis of **plant sterols.** 067788
Gibberellin treatment for **planting stock** of 068589
control & availability of **planting stock** for g- 069069
of plant hormones on **plant storage** substan- 067864
isolated from leaves of **Stramonium plants** a- 069660
damage in freshly **planted strawberries.** 070079
Preservation of **strawberry plants.** 063918
Methods of evaluating **strawberry plants** as 069312
Soil diseases in **strawberry plant.** 069792
Orchids for beginner. 3. **Plant structure** & g- 066921
Secondary **plant substances** & warning colo- 071029
of data on seed productivity of **plants such** 067818
acids in young decapitated **sunflower plants** 068098
Germination periodicity, **plant survival** & se- 067462
classfication of **synanthropic plants;** with ex- 066895
Current system of fungi. [**Plant taxonomy**]. 066821
Investigation of wild **tea plants** in Nantou, 066810
Metabolism of methylamine in **tea plant** (T- 067441
Uptake of benomyl by **tea plant** & its effect- 069291
of viruses M & S with aid of a **test plant** L- 069733
Woody ornamental **plants tested** for Monta- 069130
Planting time experiments with potato varie- 069084
transport of sucrose in **plant tissue.** [Sugar 068160
H-sesquisulfate in **plant tissue.** [Kidney bea- 068357
of proteins in normal & tumour **plant tissue** 067692
manifested by some **plant tissues.** 067413
Free proline & water deficit in **plant tissues** 067586
of sulphur dioxide by **tobacco plants** differe- 068031
Development of a normal **tobacco plant** from 068106
on nicotine content of **tobacco plant.** 068118
Three successful salt **tolerant plants.** [Pucci- 072301
on nutrient uptake by **tomato plants.** 069241
mycoplasmas of **plants** & their **transmission** 069628
thiabendazole in seedand soil-**treated plants,** 069239
nutrient levels of apple **trees planted** in old 068308
tuber formation in bulbous & **tuberous plants.** 068400
Effect of number of **planted tubers** of potato- 069172
of proteins in normal & **tumour plant** tissue 067692
Growth analysis on **plant type** in peanut var- 067948
Wheat Breeding Section of All-**Union Plant** 067216
Unusual plants for town gardens. 069140
mutation breeding of **plants** in **USSR.** 067194
New ornamental **plant varieties.** 069021
acid composition of lipids in **various plant** c- 067479
utilization of food from **various plants.** 070321
Vascular plants of Truelove Inlet Region, D- 066620
efficiencies of assays of a **plant virus** by lesi- 069711
for purification of some **plant viruses.** 069607
Consan 20)--disinfectant for **plant viruses.** 069693
Orgins of vector-borne **plant viruses.** 069700
in mechanism of synthesis of **plant viruses.** 069727
Orgins of vector-borne **plant viruses.** 070295
methylphosphonofluoridates in **wheat plants** 068093
Proper stage for inoculation of **wheat plants** 069355
in healthy & infected **wheat plants.** 069436
methylphosphonofluoridates in **wheat plants** 070723
of corn fields for winter **wheat planting** in s- 072316
of maize utilization (drying **whole plants).** 064083
Cereals & maize harvested as **whole plants** 068666
significance of cultivated & **wild plants** in S- 072273
Plants for **window** boxes. [Varieties]. 069095
behaviour of debudded **Xanthium plants.** 067655
application & irrigation on **plant yields** & s- 068903
effective measures. [field crops, **yields, plant** 069928
application & irrigation on **plant yields** & s- 072244

PLAQUE

Plaque assay of turkey herpesvirus & attenu- 065901

PLASMA

Performance & **plasma amino** acids of steers 064742
Electrolyte level in **blood plasma** of White 064558
carbamyl transferase & **blood plasma** urea of 064924
of level of agent in **blood plasma** & lung tis- 065425
acyl transferase reaction of **bovine plasma** i- 064453
hypophosphite in raising **plasma calcium** & 064482
electrolytes level in **plasma** of **chickens** with 065887
concentration of **plasma corticosterone** of ra- 064638
Factors affecting **endogenous plasma** oxytoc- 064427
vesicular secretion & **epididymal plasma.** 065030
on hereditary variation of **plasma esterase** in 069800
Excretion, plasma-protein binding & dosage 065369
Excretion, plasma-protein binding & dosage 065370
Concentration & composition of **plasma free** 064345
reaction of bovine **plasma induced** by heat e- 064453
Plasma insulin concentrations in parturient 064429
Peripheral **plasma levels** of oxytocin & vaso- 065021
Plasma lutenizing hormone & oestrogen in f- 065019
Induction of a **plasma membrane**-bound Co 067431
Role of **plasma membrane** & tonoplast aden- 068033
on packed cell volume & **plasma metabolite** 064965
Changes in **plasma** & **milk** tocopherol levels 064618
affecting endogenous **plasma oxytocic** activi- 064427
Peripheral plasma levels of oxytocin & vaso- 065021
Sequential changes in **plasma progesterone** 064960
diagnosis based upon **plasma progesterone** l- 065016
Excretion, **plasma-protein** binding & dosage 065369
Excretion, **plasma-protein** binding & dosage 065370
of calcium hypophosphite in **raising plasma** 064482
in blood serum & in **seminal plasma** of cocks 064970
protein fractions from boar **seminal plasma,** 065030
carbamyl transferase & blood **plasma urea** of 064924
from boar seminal **plasma, vesicular** secreti- 065030

PLASMALEMMA

Ultrastructure of **plasmalemma-bodies** in M- 067029

PLASMODESMATA

of **plasmodesmata** & **lomasome**-like formati- 068164

PLASMODIUM

Infectivity of **Plasmodium falciparum** gamet- 070609

PLASMOPARA

SEE PERONOSPORACEAE

PLASTICS

determination of **plastic additives** in food si- 063062
determination of **plastic additives** in food si- 063063
determination of **plastic additives** in food si- 063064
Meat ripening in **plastic bags.** 063585
Use of **plastic** in **Belgian** vegetable cultivati- 069161
morphology of tumors & **neoplastic cells** in- 065644
of tractor on **constructing plastic** mole drain 071646
growing under glass & **plastic covers.** 069017
"pasta filata" (**plastic curd**) cheeses. 063568
method for preparing **plastic epidermal** impr- 066945
methods of separating **thermoplastic films** f- 066553
in glasshouses & under **plastic foil.** 062354
Modern **plastic foils** for packaging based on 063363
of dairy products into deep **formed plastic** p- 063551
Polyamide plastics for food packaging. 063362
"large-format" **plastic tunnels.** [Horticulture 069132

PLASTID

of a cytoplasmically inherited **plastid defect** 067087
acid on **growth, plastid** pigments, & sucrose 068389
State of **plastid pigments** in carrot leaves in 068218
State of **plastid pigments** in carrot leaves in 069938
of green plants. I. **Reversible plastid** transfo- 067572

PLATE

native horses using rapid **plate agglutination** 065594
of bacterial count of **plate cultures** with help 063500
Plate fixation of comminuted femoral shaft 065221
of soil conditioners on silic acid **gel plates.** 071959

PLATEAU

Ecological research on **Babadag plateau** (D- 066910
Eastern Plateau Region farm business sum- 062407
on Nsukka **Plateau, Nigeria.** 070825
Western **Plateau Region** dairy farm business 062408
stands of Amur-Zeya **watershed plateau.** 065542

PLATYMONAS

of thecae of **Platymonas tetrathele** West (P- 067652

PLATYPODIDAE

Platypus rugulosus (**Platypodidae**) & Xyleb- 069433

PLECOPTERA

A new species of genus Nemoura (**Plecoptera**) 071276
in Flintshire (**Plecoptera, Perlodidae**). 071180

PLECTOPTERA

Annual cycle of mayflies (**Ephemeroptera**) in 070760
species of Baetis [bundyi] (**Ephemeroptera**) 071151
status of Ephemerella uenoi (**Ephemeroptera** 071158
nymphs of **Ephemeroptera, Chironomidae,** & 070984
Eaton (**Ephemeroptera, Heptageniidae**). 071113

PLEIOTROPIA

Pleiotropic effects of genes controlling repr- 067080
reference to problem of **pleiotropic gene** act- 065096

PLEUROPNEUMONIA

Bos taurus cattle to **pleuropneumonia.** 065714
on contagious **bovine pleuropneumonia.** XIV 065619

PLEUROTUS

Culture method for **Pleurotus florida** FovoSe 068957

PLIOCENE

Some Lauraceae of **Pliocene** from **Romania.** 066638

PLODIA

elutella Hubner & **Plodia interpunctella** Hu- 070570
products in Taiwan. [**Plodia interpunctella,** 070575
of stored walnuts. [**Plodia interpunctella**]. 070587

PLOTS

Photo **plot bias.** 066311
Size & shape of **plots** & **blocks** in yield trails 068725
honeysuckle on Arkansas Ozark **food plots.** 066133
Survival on **herbage plots** of infective larvae 065528
effective land cultivation by **larger plots.** 072284
A tractor **mounted plot** sprayer. 071527
natural phenomena in four **neighbour plots** 066867
Optimised plot-related mineral fertilization 072031
Application of **plot-oriented** fertilizztion rec- 072032
stands of Pinus in continuous **seeded plots.** 066345
in radiation received by **small plots** of sugar- 067966

PLOWING

Planting without **plowing.** [Corn]. 068794
variable depth of **plowing** with a **cotton** crop 072323
Effect of **plowing depth,** fertilization & rhiz- 071844
Alternation of **plowing depth** in Chernozem 072329
methods & depths of **plowing** on **physical** pr- 072251
Effect of **plowing** in **various** doses of phosph- 072230

PLOWS

Uniformity of motion of **plow body** on an el- 071692
Measurement of **plow forces** & position of p- 071567
system for large tractor-**mounted plows.** 1. 071568
system for large tractor-**mounted plows** bas- 071570
Training at **plow still** important. 072248

PLUMERIA

SEE APOCYNACEAE

PLUMS

Phyllosticta prunicola (Opiz) Sacc. [**Plums**] 069579
for home orchards: peaches, **apricots, plums,** 069916
Pruning dates for **fruiting plum** trees. 069143
Terra-Sytam in control of **plum-hop** aphid on 070272
to epidemiology & control of **plum pox** virus 069645
clevelandii Gray. Cells infected by **plum pox** 069647

PLUSIIDAE

putnami gracilis, **Plusia chrysitis**]. 071306

PLUTELLIDAE

Kurdj. to diamond-back **moth, Plutella** xylo- 070241
parasite of diamond-back **moth, Plutella** xyl- 070427

PLYWOOD

investiations on fire resistance of **plywood.** 066460
in production of red & white **fir plywood.** [066546
studies on joints with **glued plywood** gussets 066455
processes of **plywood** made from **Japanese** h- 066448
production of **plywood** from **larch,** grown in 066453
Europe's **plywood/particleboard** industries c- 066570
Development of **plywood production** from vi- 066427
elastic constants of two-**species plywood.** [Ti- 066458

PNEUMATIC

Pneumatic feeding of grain in seed drills. 071565
seed grain in a recycled **pneumatic-gas** dryer 063846
rock applied by **pneumatic spreaders.** 072127
Experiences with **pneumatic technique** of s- 071566

PNEUMONIA

of colostrum on incidence of **calf pneumonia** 065722
Pneumocystis **carinii pneumonia** in two foals 065397
for prevention of **epidemic pneumonia** in sw- 065403
On etiology of **infectious pneumonia** in lam- 065678
of maedi (progressive **intestitial pneumonia**) 065545
on histopathology of **porcine pneumonia.** I. 065498

PNEUMONYSSUS

a rhesus monkey. [**Pneumonyssus simicola**] 070623

PNEUMOTHORAX

Pneumothorax associated with lung mite les- 070623

POA

morphology & anatomy of caryopsis of **Poa** 066731
components of some species of **Poa.** 068200
Annual meadow-grass. [**Poa annua,** taxonomy 066807
Lolium perenne, Festuca **rubra, Poa** trivialis 070069

PODISUS

development of two predatory **bugs, Podisus** 071083

PODOSPHAERA

SEE ERYSIPHACEAE

PODS

cacao L.) for resistance to **black pod** caused 069560
Cajanus cajan Linn.) due to tur **pod fly** (Me- 070347
Heritability of lowest **pod height** in soybeans 067108
Control of **seed pod** weevil (Ceuthorrhynchus 070382

PODZOLS

quality of winter wheat in **bog-podzolic** soils 068196

a favorable structural state of **bog-podzolic** 071926
Forms & supplies of nitrogen in **bog-podzolic,** 071944
on annual legume crops in **bog-podzolic** soil 071984
vegetable crops in loamy **bog-podzolic** soil-- 072123
water-air conditions of loamy, **bog-podzolic** 072465
cultivated pastures in soddy-**podzolic eroded** 068757
its yield & fertility of dark **gray podzolized** 068617
biological activity of **gray podzolized** surface 072322
of liming on microflora of **sod-podzolic** soils 072144
of crop predecessors in **soddy-podzolic** soils 072141
Structure & cation content of a **podzolic soil** 071769
manure mixes on bog-**podzolic** soils of Mosc- 071979

POGONOMYRMEX
of Florida harvestor **ant, Pogonomyrmex** ba- 070818
components of harvester **ants Pogonomyrm-x** 070928

POINSETTIA
Cultivation of **poinsettia** (Euphorbia pulcher- 069187
media culture from four **poinsettia cultivars.** 068992
Pigmentation of **poinsettias** during **short-day** 068370

POISON
Control of **poison ivy** (Rhus radicans) in la- 070221
of sheep poisoned by **poisonous plants** due to 066061

POISONING
of piglets to iron drugs. [**Poisoning**]. 066030
treated lucerne hay to calves. [**Poisoning**]. 066039
O-(p-nitrophenyl), thiophosphate) **poisoning** 071416
Food **poisoning attributed** to controversial a- 063053
Cattle poisoning by nitrates & nitrites. [Fie- 066065
Chronic poisoning in cows due to organic-p- 066056
Botulinum **food poisoning.** [Clostridium botu- 063052
of Clostridium perfringens. [**Food poisoning**] 063125
toxin production by aureus. [**Food poisoning** 063167
Clostridium perfringens. [**Food poisoning**]. 063169
On a **poisoning** with **herbicide** Deliquat in s- 066038
practices & **insecticede poisoning** of Nomia 070699
reactions in **Intratione poisoning.** [Rabbits] 066075
Chronic **lead poisoning** in horses. 066017
in pasture & its **poisoning** of **livestock.** 066018
toxicological tests. [**Livestock, poisoning**]. 066035
Poisoning of **livestock** & poultry by common 066060
as affected by trillate. [**Livestock, poisoning** 066063
Poople's Republic. [**Livestock, poisoning**]. 066072
People's Republic. [**Livestock, poisoning**]. 066073
Prevention of **sheep poisoning** in alpine regi- 066058
Differential diagnosis of **sheep poisoned** by 066061

POLAR
flora of modern lakes of **polar area** of Ural. 066748
morphologically **polar caryopses** & maize le- 067992
Estimation of total more **polar products** in f- 063342

POLARIZATION
nuclear responses to a **cytoplasmic polarity.** 066971
Interference & **polarization microscopic** stud- 071015
Polarization of **starch** phosphorylase activity 067403

POLAROGRAPHY
Polarographic determination of galanthamine 067505
An application of **polarographic method** of 063210

POLES
Pole barn with no walls or simple hay tower 071502

POLISTES
cycle of social wasp **Polistes gallicus** L. (H- 071060

POLLEN
Pollen analysis. 066629
of **Angiospermatophyte pollens** from Lower 066915
Pollen collection from coconut flowers by m- 067126
to their reaction upon **cytoplasmic pollen** st- 067389
Monad **pollen development:** nuclear respons- 066971
Pollen distribution & seedset on Triticum a- 067963
Pollen of **Ephedra,** Welwitschia & Gnetum. 067003
metabolism during pine **pollen germination.** 068578
On **pollen germination** of some species of A- 068604
formation from immature **pollen grain.** I. Re- 068062
Study of gametogenesis in **pollen grains** of 067375
on haploid formation from **immature pollen** 068062
New equipment **improves pollen** viability. [068595
Monad pollen development: nuclear respons- 066971
Pollen morphology of genera of subtribe H- 066686
Bibliographic index to **pollen morphology** of 067047
Nucleotide metabolism during **pine pollen** g- 068578
formation of embryoids from **rice pollen.** 068052
Observation of **pollens** with **scanning** electr- 066933
temperature, heat sums, & **pollen shedding** 068532
Histochemical study of **sorghum pollen.** 068189
grain. I. Relation between **pollen stage** & pl- 068062
reaction upon cytoplasmic **pollen sterility.** 067389
experiments of **pollen** from one **stigma** to a- 068398
Study of arrangement of **pollen** in **tetrads** of 066931
Radiation-induced stimulation of **pollen-tube** 068584
in Tradescantia [paludosa] **pollen tubes** & s- 067314
germination of **pollen** of some **varieties** of g- 068496
Effect of temperature on **pollen viability** of 068476
New equipment improves **pollen viability.** [068595
of rye plants pollinated with **wheat pollen.** 067039

POLLENIA
Biology of **Pollenia rudis,** cluster fly (Dipte- 070789

POLLINATION
Pollination in new **apple** orchards. 068510
validoformis. [Euphorbia, **cross pollination**] 068320
Pollination experiments with tomatoes under 068356
Pollinating greenhouse tomatoes with a vibr- 068419
Floral allurements for **pollinating insects.** 067825
with genotypes of self-**pollinating lines** & si- 067090
Influence of **pollination method** on high den- 068418
Influence of **pollination methods** on yield & 068573
Bees & **pollination** in **Michigan.** 067688
Fruit, vegetables, bees & **pollination--now** & 068404
Note on use of flies for **onion pollination** un- 068490
when selfed, crossed or **open-pollinated.** 067125
methods of stigmatal & **placental pollination** 068283
study of rye **plants pollinated** with wheat po- 067039
of effect of **pollination** on **ribosomal** RNA, t- 067916
in early stages of growth in **self-pollinating** l- 067089
Observations on **sunflower pollination** in Ill- 071375

POLLINATORS
rotundata (Fab.), two **valuable pollinators** of 070699

POLLUTANTS
Leaf age & **air pollutant** susceptibility: upta- 069781
Atmospheric pollutants from natural & man 072536
effect of pesticides & **related pollutants** on 070732

POLLUTION
Rhine/Westphalia suffering from **pollution.** 066161
smog & ozone reactions. [**Pollution**]. 072481
Tomorrow will be too late. [**Pollution**]. 072522
Wild birds & chemicals. [**Pollution**]. 072529
management of livestock wastes. [**Pollution**] 072566
Pollution abatement & sugar industry. 063791
of protective forests for **air pollution** control 066096
by an increase in industrial **air pollution** dur- 066138
of nature protection in **air pollution** control. 066148
Detecting & evaluating **air pollution** damage 066158
Air pollution for plants--problems of emissi- 069802
Air pollution--enemy of plants. 069813
of protective forests for **air pollution** control 072526
Air pollution in New Zealand. 072573
by an increase in industrial **air pollution** dur- 072601
Atmospheric pollution & industrial melanism 070876
Effect of **pollution** from **chemical** industry on 066152
Food **contamination, pollution**]. 063198
protective forests for air **pollution control** & 066096
of nature protection in air **pollution control.** 066148
protective forests for air **pollution control** & 072526
An economic theory of **pollution control.** 072582
Pollution control: a problem for today & to- 072600
Pollution control financing in United Kingd- 072618
Detecting & evaluating air **pollution damage** 066158
Proof of increase in **pollution effects** after c- 066151
Air **pollution--enemy** of plants. 069813
Peninsula. [**Environmental pollution**]. 071730
in relation to **environmental pollution.** 072563
by alarm. [**Environmental pollution** United 072620
Pollution measurements for monitoring air in 072612
of analysis & degree of **pollution** from **milk** 072497
Pollution in a **neo**-classical world: classics r- 072513
Damages of **noise pollution** to poultry farm 072491
Pollution, over-population & over-consumpti- 072552
pine in east Tennessee. [Air **pollution, Pinus** 066154
A brief summary. [Water **pollution policies**] 072487
measures against **progressive pollution** of ag- 065663
overflow device for **pollution reduction.** 072616
Pollution related structural & functional ch- 066825
of open (green) spaces in **polluted Ruhr** & r- 072611
Pollution & its **threat** to forests in Ruhr. 066160
by alarm. [Environmental **pollution United** 072620
Intertemporally optimal **urban pollution.** 072583
Air & **vegetation pollution** by industrial sm- 072585
measures for livestock **waste pollution.** 1. 072493
chemicals gone? [Water **pollution, waste** dis- 072532
of cling peaches to reduce **water pollution:** i- 064017
Potential for **water pollution** from fertilizer 072156
States: A brief summary. [**Water pollution** 072487
Influence of **water-pollution** & public works 072528
all toxic chemicals gone? [**Water pollution,** 072532
Potential for **water pollution** from fertilizer 072569
In plant control of wastes. [**Water pollution** 072587

POLYACETYLENE
Polyacetylenic compounds. 215. New consti- 067486

POLYACRYLAMIDE
proteins by **polyacrylamide electrophoresis.** 063981
of invertasse in wine by **polyacrylamid gel** e- 063982
enzymes followed by **polyacrylamide gel** elec- 063994
cotton species on **polyacrylamide gel.** 068201

POLYAMIDES
Polyamide plastics for food packaging. 063362

POLYCHLORINATION
Polychlorinated biphenyls. [Food contamina- 063075
Persistance of **polychlorinated biphenyls** (P- 070673

POLYESTER
Resilience of union of **polyester net** with ab- 065365

POLYETHYLENE
starch encapsulation with **polyethylene.** 2. 064015
with use of tritiated **polyethylene glycol** as 064416

POLYGONIA
in seasonal forms of **butterfly, Polygonia** c- 070946

POLYGONUM
black bindweed. [**Polygonum, control**]. 070137
roots & green mass of **Polygonum coriarium.** 067402
composition of **Polygonum weyrichi** green 067893

POLYHEDROSIS
Nuclear polyhedrosis virus: A possible exa- 070911
loopers infected with **nuclear polyhedrosis** v- 070936
Pathology of a **nuclear polyhedrosis** virus of 070937
investigation of **nuclear polyhedrosis** virus s- 071404

POLYMERASES
acid-dependent ribonucleic **acid polymerase** 070899
An **RNA polymerase** from Drosophila. [Me- 070894

POLYMERIZATION
polyethylene. 2. Catalysis & **polymerization** 064015
Ring-**opening-polymerization** of lactide in w- 066493

POLYMERS
depending on amount of **polymer content.** 066494
On localization of ferric **phosphate polymer** 067860
of adhesion capacity of **polymer-structure** fo- 072194

POLYMORPHISM
Polymorphism of **adenosine** deaminase (ADA 064296
Leucine **aminopeptidase polymorphism** in g- 066633
of gibberellin A-3 on **dimorphic branch** syst- 067772
Polymorphism of Y-**chromosomes** in cattle 065173
of Drosophila **funebris polymorphic** with re- 071039
Variations of **haemoglobin polymorphism** in 064396
Hemoglobin polymorphism in cattle. 065175
on crystallization & **polymorphism** of **hen** ly- 064367
Polymorphism for **interspecific** cross-compat- 067317
Phosphoglycerate **kinase polymorphism** in 070770
properties of **polymorphonuclear leukocytes** 065440
Seasonal polymorphism & developmental ch- 070833

POLYOLS
Polyol dehydrogenase activities of yeasts in 067661
of trehalose & **polyols** by **Ustilago** nuda in 069436

POLYPHENOLS
Colorimetry of **polyphenols** (tannins) with f- 063315
Polyphenolic compounds of Geranium collin- 068304

POLYPHOSPHATES
Study of **polyphosphate phosphohydrolase** f- 067838

POLYPLOIDS
Nature of heterosis in **polyploids.** 067359
Formation of **polyploid cells** in ripening cot- 068390
forage crops. XXIV. **Polyploidy induction** wi- 067388
Polyploids in **perenial** forage crops. XXIII. 067390
Genetics of **polyploid species** of potatoes. 067212
Levels of **polyploidy** in four **vegetation** types 066956

POLYPORACEAE
protectant dressing **against Ganoderma** pseu- 069539

POLYPORUS
Llanos Occidentales. [**Polyporus versicolor**] 069544

POLYPROPYLENE
foils for packaging based on **polypropylene.** 063363

POLYSACCHARIDES
analysis of an **acidic polysaccharide** from Tr- 067475
cross-reaction of **acidic polysaccharide** from 067476
Polysaccharide compounds of secretory ele- 064540
of a mannan-like **polysaccharide** in **eggs** of 070893
Uronic acids of **polysaccharides** of **grape** mu- 063999
arabitol to **polysaccharide** & other **insoluble** 067667
Intracellular polysaccharide of rumen bacter- 064301
of a **polysaccharide** from **Pullularia** pullulans 067420

POLYSTYRENES
Mixture of **polystyrenes & peat;** research on 069075

POLYTHENE
Ventilating **continuous polythene** tunnels for 068978

POLYTRICHUM
Morphogenesis of **Polytrichum formosum** le- 066924

POLYUNSATURATES
Conjugation of **polyunsaturated fats** with di- 063751
produced by oxidized **polyunsaturated lipids** 063454

POLYURETHANES
on application of **polyurethane laquers** in m- 066433

POME
Quality standards for **pome fruits** & citrus f- 063089

POMEGRANATE
mildew on **pomegranates** in **Azerbaijan.** [Er- 069419
Tannins of pericarp of **pomegranate fruits** & 068473

POND
Ephemeroptera) from **ponds** in **Canadian** ar- 071151
of abbot's **pond,** North **Somerset.** 067644

PONDEROSA
British Columbia. [Pinus **ponderosa, Abies** g- 070107
elevational transect study of **ponderosa pine** 066212
A cost analysis of clearing a **ponderosa pine** 066307
on tracheid length in young **ponderosa pine.** 068539
Growth regulators stimulate **ponderosa pine** 068594
Selection & colonization of **ponderosa pine** 070552
A **ponderosa pine** needle miner in Colorado 070561
mellea root rot of **Pinus ponderosa** seedlings 069525

PONIES
SEE HORSES

POPCORN
of gene Gas in lines & varieties of **popcorn.** 067141

POPLAR
Systemic insecticides effective **against poplar** 070559
Seed storage & germination of **black poplar.** 068526
Poplar collections of Research Institute for 066336
Notes on International **Poplar Commission** 066301
Poplar culture as a part of landscape care. 069039
Bioelectric activity of **poplars** of **different** p- 068560
Poplar growing at close spacing. [Populus]. 066384
mammals can damage young **hybrid poplar** 066144
Studies on susceptibility to **poplar leaf** rust 069396
of nitrogen fertilizer in **poplar nurseries.** 072008
Poplar plantations in fourth Aarau forest di- 066372
Poplar planted at large spacings above spru- 066373
variety selection of **poplars** from **sections** Ai- 066335
I. Rooting activity of **poplar stem** cuttings. 068574
Salt tolerance of **various poplar** & willow sp- 069782
Elastic constants of **poplar wood**--Populus 066424

POPULATION
emigration & restructurization of **population** 062173
Variation between & within **populations.** 067165
processes of Picea abies Karst. **population.** 066868
Seasonal fluctuation of **aphid population** in 069679
Change in **population** of **Arthropoda** in alfal- 070359
by selected groups of **Australian population.** 063238
seed production in **populations** of **Avena** fat- 067462
of blood groups in two **avian populations.** II 066416
of some varieties & **populations** of **beans** cul- 069163
Ground **beetle populations** near a kraft mill. 070786
public works on **bird populations.** 072528
Bollworm population trends at Dell & New- 070310
Gene frequencies in stray **cat populations** fr- 064983
in Tokachi dairy **cattle population.** 065055
of Y-chromosomes in **cattle population.** 065173
damselfly naiads on **cladoceran populations:** 070815
from study of **population** of **Colchicum** alpin- 066658
criteria for evaluation of **population density** 070959
Population development of Acarus siro rear- 070582
of geographically **different populations** of E- 070977
Economic value of **population** of **Dioscorea** 067810
Insects in **population dynamics** of plants. 070294
Studies on **population dynamics** of Lepidosa- 070519
Population dynamics & parasites of Coleop- 070564
plan for studies on **population dynamics** of 070794
Tipulidae), life cycle & **population dynamics** 070981
some remarks on its **population** in **East** Pak- 070371
of rumen's microbial **population following** fe- 064626
of rumen's microbial **population following** fe- 064625
Population genetics in American tropics. VI- 070866
in different **geographic populations.** 071103
insemination of a **gilt population** kept under 065125
Control of **greenhouse population** of Myzus 070483
barley. 1. Selection in **populations grown** in 067072
stochastic, discrete-time, **population growth** 066297
Hybrid populations of Quercus robur & Que- 066365
for determination of **insect populations** or c- 070273
of selection in post-**irradiation populations** of 067072
insemination of a gilt **population kept** under 065125
Improving **livestock population** as a factor of 065052
ability for yield in two **maize populations.** 067112
Use of morphology & **mating populations** in 069491
composition of rumen's **microbial population** 064625
of rumen's **microbial population** following fe- 064626
soil fumigants on soil **microbial population** in 069634
its cost. [Rural **population migration**]. 062220
a statistical report. **Population-migration** re- 062224
of Cercospora apii in **mixed populations** of 069484
Wiedemann, & a **population model** of its rel- 070610
Ratio of sexes in **natural populations** of Hi- 066361
Natural populations of cypress in Iran. [Cu- 066901
of panmixis in **natural populations** of Droso- 071039
Pollution, **over-population** & over-consumpti- 072552
Problems of development of **pig population** 064170
method on high density **plant populations.** [068418
quality in high density **plant populations.** [068573
Plant populations for twin-row cotton. 068770
estimated optimum **plant population** & effect 068977
Nitrogen management, **plant population** & r- 072154
natural selection in **pooled populations.** Exp- 071068
of selection in **postirradiated populations** of 067073
of gregariously **roosting populations** of nym- 071166
policies & social change. [**Rural population**] 062219
of countryside & its cost. [**Rural population** 062220
Sampling populations of western spruce bu- 070563
characteristics of **population** of **Senecio** plat- 067007
its application to estimate **population size.** 071007
Mating systems & **population structure** in t- 067165
Habitat selection & **population structure** in 070953
II. Selection in **populations subjected** to co- 067073
composition. [Food **supply, population**]. 062857
for stochastic, discrete-**time, population** gro- 066297
Bollworm **population trends** at Dell & New- 070310
Population trends of Nephotettix cincticeps 070332
of genotype of **various populations** of Gallus 065095
Variation in **wild populations** of Papaver du- 067167
Variation in **wild populations** of Papaver du- 067168

POPULUS
young hybrid poplar plantations. [**Populus**] 066144
Bucharest, September, 1971 [**Populus**]. 066301
in fourth Aarau forest district. [**Populus**]. 066372
Poplar growing at close spacing. [**Populus**]. 066384
Presence of Armillaria [mella) on **Populus.** 069337
anaerobiosis. [Salix **alba, Populus** petrowsk- 068599
of black poplar. [**Populus balsamifera**]. 068526
tortrix. [Choristoneura **conflictana, Populus** 070560
maintenance in **Populus culture.** 066334
according to phyllotaxy. [**Populus del** to del- 068582
using cuttings of **Populus euroamericana** "I- 070233
Populus tremuloides, **Populus grandidentata** 066443
plantations. [Ichthyura **inclusa, Populus**]. 070559
of plant protection in **Populus management** 069812
of poplar wood--**Populus marilandica.** 066424
Salix alba, **Populus petrowskyana**]. 068599
large spacings above spruce. [**Populus, Picea** 066373
behaviour of wood of **Populus tremula** L. 066422
clones in laboratory & field. [**Populus, Salix** 069782
behaviour of wood of **Populus tremula** L. 066422
market. [Populus **tremuloides, Populus** gran- 066443
aspen root cuttings. [**Populus tremuloides**]. 068522
conflictana, **Populus tremuloides**]. 070560
New bacteriosis of **Populus trichocarpa.** [Ba- 069593
Elastic constants of poplar **wood**--**Populus** 066424

PORCELLIO
glan of Oniscoidea **Porcellio dilatatus** Brandt 070777

PORCINE
on fatty acid composition of **porcine adipose** 064731
of Malagasy **porcine encephalomyelitis** virus 065620
tenderness properties of **porcine muscle.** 063639
growth characteristics of **porcine muscle.** 064288
strength on autoxidation of **porcine, ovine** & 063625
amino acid sequence of **porcine pancreatic** e- 064312
chromatography of **porcine pancreatic** ribon- 064366
on histopathology of **porcine pneumonia.** I. 065498
PSS: **porcine stress** syndrome. 065252

PORES
Ascospore **germinating pore** in genus Podos- 066926
Pore size in potato starch. 064014

PORK
SEE SWINE

PORKERS
SEE PIGS

POROSITY
cells in cambial zone in several **ring-porous** 066982

PORT
PSE [pale, soft, exudative] research. [**Port**] 063645
sugar pine, western redcedar, & **Port-Orford** 066549

PORTHETRIA
who came & stayed. [**Porthetria dispar,** fore- 070525
to control gypsy moth. [**Porthetria dispar**]. 070553
create public issues. [**Porthetria dispar**]. 070554
a forest environment. [**Porthetria dispar**]. 070844
eggs killed with radiation. [**Porthetria dispar,** 071082
egg parasite of **Porthetria dispar.** 071101

PORTULACA
of two ecotypes of **Portulaca oleracea** L. 067728

POSTIRRADIATION
SEE IRRADIATION

POSTMORTEM
SEE AUTOPSIES

POSTPARTUM
SEE BIRTH

POTAMOGETON
Floral development of **Potamogeton densus.** 066958
of ions in cells of **Potamogeton lucens** L. 067574

POTASH
British potash production starts this year. 071973
common salt & muriate of **potash** on **sugar** 072104

POTASSIUM
depend on an abundance of **potassium?** 067392
on N [nitrogen] P [phosphorus, K[**potassium**] 070423
doses of P [phosphorus] & K [**potassium**] on 072105
Rubidium & **potassium absorption** by bean-l- 068432
nitrogen, phosphorus, & **potassium content** of 068325
soluble phosphorus & **potassium content** of 072142
inhibition by KCN. [**Potassium cyanide,** spi- 068274
Effects of **potassium deficiency** on photosyn- 068113
characters in sheep. **Erythrocyte potassium** 065000
influencing levels of **exchangeable potassium** 071953
Potassium fertilization. 072026
relatitive to type of **potassium fertilizer.** 072119
relation to phosphorus-**potassium fertilizer** 072120
Potassium hunger in Montana soils. 072151
Enhancement of **potassium influx,** in baby h- 065476
cysts in cows with use of **potassium iodide.** 065984
on content of sodium & **potassium ions** & on 068348
in cattle-serum sodium & **potassium level** in 064398
in sheep. Erythrocyte **potassium levels** & ha- 065000
Nitrogen, phosphorus, **potassium, magnesium**] 072003
On effect of forms of **potassium** & **mangane-e-** 071980
Effect of **potassium metaphosphate** on grow- 068603
in coagulation without **potassium nitrate** & 063532
influence on N & K. [**Nitrogen, potassium**]. 067567
Secondary effects of **potassium** & **nitrogen** 068122
influence on N & K. [**Nitrogen, potassium**]. 072022
root temperature on **potassium nutrition** & 068375
of phosphorus pentoxido, **potassium oxide** & 072240
of phosphorus pentoxide & **potassium oxide** 072230
forms of phosphorus **pentoxido, potassium** o- 072240
NPK [Nitrogen, **phosphorus, potassium**] fert- 068974
blueberry. [Nitrogen, **phosphorus, potassium** 072003
of NPK [Nitrogen, **phosphorus, potassium**] 072088
to NPK [nitrogen, **phosphorus, potassium**] f- 072093
of NPK [nitrogen, **phosphorus, potassium**]-r- 072100
of NPK [nitrogen, **phosphorus, potassium**] f- 072110
of NPK [nitrogen, **phosphorus, potassium**] f- 072111
yield in relation to **phosphorus-potassium** fe- 072120
cheaper. [Nitrogen, **phosphorus, potassium**] 072171
of phosphorus & **potassium** by **plants** from d- 071820
renal excretion of **sodium, potassium** & chlo- 064256
activity & transport of **potassium** & **sodium** 068482
amounts of phosphorus & **potassium** in **soil.** 072121
sodium benzoate and/or **potassium sorbate** in 063378
calcium & **potassium** in some **species** of Gr- 068187
use on phosphorus & **potassium status** of sa- 072005
Effect of **potassium sulphite** on recovery of 063966
Effect of **potassium supply** on acropetal tra- 068098
body water in highand low-**potassium-type** 064404
tripolyphosphate of **potassium** in **vegetative** 068065
nitrogen, phosphorus & **potassium** on **yields** 072230

POTATOES
of labor for farm production. [**Potatoes**]. 062336
Storage & marketing of **potatoes.** 062628
bound amino acid contents of **potatoes.** 063875
Storage & marketing of **potatoes.** 063882
of production & processing of **potatoes.** 063938
of phenylalanin-ammonialyase in **potatoes.** 064035
in triploid Solanum tuberosum L. [**Potatoes**] 066975
Haploidy of **potatoes.** 067207
Experimental mutations in **potatoes.** 067208
economically valuable traits of **potato.** 067209
Genetics of polyploid species of **potatoes.** 067212
in breeding & seed culture of **potatoes.** 067248
of second generation in cereals & **potato.** 067799
tissue of Solanum tuberosum L. [**Potatoes**]. 068260
varieties of Solanum tuberosum L. [**Potatoes**] 068294
of their central tissues. [**Potatoes**]. 068295
of a specific tuberization stimulus. [**Potatoes**] 068413
in plant mitochondria. [**Potatoes**]. 068447
irrigation requirement of **potatoes.** 069054
phosphorus on early blight in **potatoes.** [Alt- 069235
on control of black scurf disease of **potato.** 069358
stolonifer (Ehrenb. Ex Fr.) lind [**Potatoes**]. 069382
scab of potatoes & black scurf of **potatoes.** 069552
Purple top roll disease of **potato.** [Leafhopp- 069609
Early prediction of slug damage to **potatoes** 069883
linuron for weed control in **potatoes.** 069962
Kingdom for weed control in **potatoes.** 069963
Weed control of **potatoes.** 070116
Chemical weeding of **potato.** 070185
Weed control in **potatoes.** 070201
Purple top roll disease of **potato.** [Leafhopp- 070416
phosphorus on early blight in **potatoes.** [Alt- 071990
in two-year rotation. [**Potatoes**]. 072180
irrigation requirement of **potatoes.** 072397
inhibition by chemicals. [**Potatoes**]. 063122
future weed problems in **beet, potato,** & ara- 070011
quality studies. [Wheat, sugar **beets, potatoes** 068758
How to store **potatoes better.** [Fungus disea- 069575
with common scab of **potatoes** & **black** scurf 069552

of causal agent of **potato** late **blight**, Phyto- 069422
Attempts to control **potato blight** with man- 069448
Control of **potato blight** on field grown tom- 069450
Genetic basis for **potato breeding** for resista- 067227
Breeding potatoes for early ripening. 067229
Tasks in **potato breeding** & seed culture. 067235
measures for improving **potato breeding** & s- 067239
Breeding potatoes for increased amounts of 067241
yield at seedling stage in **potato breeding.** 067269
Potato breeding in Poland. 067280
Genetic basis for **potato breeding** for resista- 069819
with early picking of **potatoes, cabbage,** & c- 062676
Canned potatoes packaged speciality or mass 063892
of Rhizopus stolonifer. [**Potatoes, carrots**]. 069353
Attempts to **control potato** blight with man- 069448
Fungi imperfecti). [Biological **control, potato** 070433
materials. [Nematodes, **control, potatoes**]. 069810
reduction of interrow tillage of **potato crops** 072325
1970-71 irish **potato cultivar** trials. 068969
to marketing reality of **potato cultivated** for 062820
Concise history of **cultivated potato.** 069058
to marketing reality of **potato cultivated** for 069079
irrigation regime for **potatoes cultivated** on 072470
labor productivity in **potato culture.** 062373
Use of growth stimulants in **potato culture** in 068402
Potato culture. 069029
Scientific basis for **potato culture.** 069179
Effect of intensification of **potato culture** on 069854
Control of **potato cyst**-nematode, Heterodera 069758
Potato cyst nematodes in Norway: distribut- 069834
on amount of pigments of **different potato** v- 068503
on yield & composition of **different potato** v- 072161
Control of **potato diseases** in 1972. 069862
Effect of preceding crops on **potato diseases** 069911
Manuring of **potatoes** on **fen** silt soils in Ho- 072106
high yield & good quality of **food potatoes.** 068989
Screening of **potato fungicides** in 1972. [Ph- 069284
Nineteen years of **potato growing** in Swabian 069083
Potato harvesters. 071577
Weed control in **potatoes** with **herbicides.** 070170
degeneration studies in **important potato** var- 069828
varieties of **potatoes & improved** methods of 069070
On status & measures for **improving potato** 067239
of oxydation enzyme in **potato infected** with 068220
on photosynthesis of **potatoes infected** by p- 069731
Free amino acids in **potatoes infected** with v- 069739
of oxydation enzyme in **potato infected** with 069753
Biological control, **potato insect** pests]. 070433
1970-71 **irish potato** cultivar trials. 068969
on identification of **irradiated potatoes.** IV. 064035
for early detection of **irradiated potato** tube- 068349
of extracts from gamma-**irradiated potato** tu- 069661
a causal agent of mycosis in **potato lady** bee- 070962
Infection of **potato leaves** by Phytophthora 069330
of seeds & filling of **multirow potato** planters 071633
in potato infected with **potato nematode.** [068220
Potato nematode & its control. [Ditylenchus 069864
Canned **potatoes packaged** speciality or mass 063892
location of tablestock **potato packing** plants 063975
non-viral meristems of **potatoes** to **plant**-fee- 069060
of hypersensitive death of a **potato plant** cell 069464
non-viral meristems of **potatoes** to **plant**-fee- 069638
life of functional units of **potato planters.** 071531
seeds & filling of multirow **potato planters.** 071633
of virus isolated from **potato plants** of varie- 069664
rostochiensis on **potato** & **Pratylenchus** on 069807
breeding varieties of **potatoes** for **processing** 067247
disposal costs. [Food **processing, potatoes**]. 072524
On increasing efficiency of **potato production** 062597
What kind of **potatoes qualify** for canning. 063979
Potato quality as research goal of culture. 068970
of magnesium on yield of **potatoes relatitive** 072119
Potato response to moisture regimes. 068406
A root inoculation technique to **screen pota-o** 069580
Management of stored food & **seed potatoes** 063897
Production of certified **seed potatoes** by var- 068941
Culture of healthy **seed potatoes** in Estonia 069063
measures for culture of healthy **seed potatoes** 069064
measures for culture of healthy **seed potatoes** 069067
Production of healthy **seed potatoes** in cove- 069181
controlling Phytophthora in **seed potatoes.** 069344
high-yield producers of healthy **seed potatoes** 069062
technique to screen **potato seedlings** for resi- 069580
Taxonomy & geography of **potato species.** 066681
for crossing capability of **potato species** with 067205
Meiosis in **potato species** of varying ploidy. 067210
basis of evolution of **potato species** of genus 067357
Potato spindle tuber disease produced by pa- 069712
on photomorphogenesis in **potato sprout** gr- 068284
Development of **potato stands** in relation to 069154
according to Ewers. 5. [**Potato starch**]. 063883
concerning swelling of **potato starch** granules 064013
Pore size in **potato starch.** 064014
Potato starch encapsulation with polyethyle- 064015
Propagation of **potatoes** from **stem** cuttings 068927
How to **store potatoes** better. [Fungus disea- 069575
Inhibition of sprouting of **stored potatoes.** 063870
Storing potatoes. 063976
some twenty-six varieties of **sweet potatoes** 063267
Alpha-amylase in **sweet potatoes.** A compari- 063962
some twenty-six varieties of **sweet potatoes** 068426
of feathery mottle complex of **sweet potato** 069703
size, & location of **tablestock potato** packing 063975
distribution of XVirus of **potatoes** in **tissue** 069665
Starting germination of **potatoes** in a **tool** w- 071471
Growing **tree potato** in kitchen garden. 068982
of solutes & slouching of **potato tuber** tissue 063874
acid synthesis in **potato tuber** tissue by cutt- 068456
MH) on hexose content of **potato tubers.** 063987
Parenchyma cell growth in **potato tubers.** I. 066922
Parenchyma cell growth in **potato tubers.** II 066923
early detection of irradiated **potato tubers.** I 068349
Reducing sugar content of **potato tubers:** eff- 069080
scabies) on young **potato tubers.** 069581
from gamma-irradiated **potato tubers.** 069661
accumulation of residues in **potato tubers** fol- 070460
of pigments of different **potato varieties.** 068503
New **potato varieties** & their general charac- 069097
studies in important **potato varieties** during 069828
Potato varieties resistant to nematode Hete- 069857
composition of different **potato varieties.** I. 072161
time experiments with **potato variety** Grata 069084
of production of **potatoes** & **vegetables** on a 062594
Sanitation of **potato** from **viral** diseases by 069662
Virulence of **potato X-virus** under natural c- 069658
Study of **potato X-virus** reproduction in call- 069659
with different strains of **potato X-virus.** 069660
tobacco leaves infected by **potato virus** X (S- 069725
of potatoes infected by **potato virus** X. 069731
occurrance of symptoms of **potato virus** y in 069732
L. in case of infection with **potato viruses** N 069608
secondary fluorescence of **potato wart** fungus 069250
a symptomless carrier of **potato witches'** br- 069615
vector cell monolayers with **potato yellow** 069708
Size & quality of **potato yield** as influenced 069129
of planted tubers of **potatoes** on **yield.** 069172
northeastern Belorussia & on **potato yields.** 072465
Streptomyces scabies) on **young potato** tube- 069581

POTENCY

insanitation--a new **potent enforcement** aid 063087

POTENTILLA

of plants such as **Potentilla aurea** L. 067818

POTENTIOMETRY

high frequency & **potentiometric titration** m- 071934

POULTRY

Future of commericialization of **broilers.** 063675
of microclimate on premises for **poultry.** 064230
Morphology of egg formation. [**Poultry**]. 064389
Physiology of egg fromation. [**Poultry**]. 064390
metabolism & egg formatuon. [**Poultry**]. 064391
metabolism & egg formation. [**Poultry**]. 064392
of shell of Gallus domesticus. [**Poultry**]. 064477
Vicia faba L) in nutrition of **poultry.** 064686
value of various formula feeds in **broilers.** 064728
Grit for **broilers.** 064899
Selection plateaux in **poultry.** 064945
Planning of sanitation program for **poultry.** 065223
Staphylococcus diseases in **poultry.** 1. 065401
Mixed respiratory infections. [**Poultry**]. 065420
Mycoplasma infection in **poultry.** 065481
of Borrelia anserina species. [**Poultry**]. 065732
infundibulum infectation in **poultry.** 065757
of virus of infectious bronchitis of **poultry.** 065764
other chemotherapeutic agents. [**Poultry**]. 065845
Cyanide intoxication of swine & **poultry.** 066019
to character of blood catalase. [**Poultry**]. 065095
Structural changes in **Austrian poultry** indu- 062840
Eggs & **poultry** & fur **bearing** industries in 062957
Leghorn & Lyallpur Silver **Black layers.** 064406
Vascularization in **poultry brain.** 064368
anserina. [Spirochetosis, **poultry, Bulgaria**] 065760
Costs of intensive fattening. [**Calves, poultry**] 062565
of rickets in chicks in a **commercial poultry** 065929
Poisoning of livestock & **poultry** by **common** 066060
of toxicity to sheep & **poultry** of **common** b- 066069
for meeting needs for **concentrated broiler** f- 064087
Poultry development prospects & programm- 062892
to Leghorn chickens & **broilers** of **different** 065336
Institute for **Poultry Disease.** 065248
in market poultry & **poultry dressing** plant 063159
sanitary control in **poultry dressing** establis- 063203
of eggs at industrial **poultry dressing** & bre- 065317
sanitary control in **poultry dressing** establis- 065325
in market poultry & **poultry dressing** plant 065595
physical properties of **poultry excreta.** 064336
Cost of oil/gas & feed. [**Poultry farm** mana- 064494
in chicks in a commercial **poultry farm.** 065929
Damages of noise pollution to **poultry farm** 072491
of biocenosis of two **poultry farms** & its role 065688
Health of **broilers fattened** in two poultry h- 064557
Accounting model--**poultry fattening.** 062318
Use of pancreatin in **poultry fattening.** 064752
fed in different form to **fattening broilers.** 064795
serum proteins in **broilers** during **fattening** 064894
C-cholesterol turnover in **pullets fed** a basal 063255
feed mixtures for **poultry** in **feeding** of phea- 063286
especially of linoleic acid in **poultry feeding** 064753
of using conifer flour in **feeding broilers.** 064888
meeting needs for concentrated **broiler feeds** 064087
lethal orpan virus in Irish **poultry flocks.** 065520
livestock: dairy, beef, swine, **poultry, horses,** 070592
livestock: dairy, beef, swine, **poultry, horses,** 070593
Houghton Poultry Research Station. 064173
Controlling microclimate in **poultry houses.** 064201
of broilers fattened in two **poultry houses** di- 064557
Flies in **poultry houses.** 070637
Concepts of modern **broiler housing.** 071493
to examinations in **poultry husbandry** in Bri- 064236
strict regulations on U.S. **Poultry imports.** 062670
Improving poultry production in Volga regi- 064146
Development of **industrial poultry** production 064150
on production of eggs at **industrial poultry** d- 065317
Market for **poultry industry** products in Ge- 062771
changes in Austrian **poultry industry.** 062840
Michigan's egg & **poultry industry**--now & in 062958
of factors affecting it in **poultry industry.** 063676
embryo lethal orpan virus in **Irish poultry** f- 065520
Poultry market statistics, 1972; annual su- 062776
Salmonella in **market poultry** & poultry dre- 063159
delay of onset of lay in **maturing pullets** usi- 064401
postmortem muscle changes on **poultry meat** 063680
dehydrogenase activity. [**Poultry meat**]. 063681
developments in utilization of **poultry meat.** 063686
in production of eggs & **poultry meat.** 064241
Accounting **model--poultry** fattening. 062318
Concepts of **modern broiler** housing. 071493
to study of **poultry mycoplasmosis** in Moza- 065709
of linolic acid in **poultry nutrition.** 064759
Vitamin K. [**Poultry nutrition**]. 064804
World's top **poultry producers** score another 062816
to achieve balance in **poultry production.** [B- 062853
Density limits in **poultry production.** 064141
Improving **poultry production** in Volga regi- 064146
Development of industrial **poultry production** 064150
of regional distribution of **poultry production** 064177
in bookkeeping. [**Poultry products**]. 062328
packaging meat & **poultry products**--federal 062918
with or without Payzone in **broilers raised** 065600
Houghton **Poultry Research** Station. 064173
Isolation systems for **poultry research.** 064235
on performance of **broilers & roasters.** 064121
Consequences of storing **poultry semen** froz- 065185
in Borrelia anserina. [**Spirochetosis, poultry** 065760
Consequences of **storing poultry** semen froz- 065185
on livestock: dairy, beef, **swine, poultry,** hor- 070592
on livestock: dairy, beef, **swine, poultry,** hor- 070593
World's **top poultry** producers score another 062816
Restricted feeding of **broiler type** replaceme- 064730
water usage 500 gpm. [**Poultry, waste** treat- 072499
Poultry wastes can be fed to dairy cattle, B- 064666

POVERTY

Poverty dimensions of rural-to-urban migrat- 062224
Migration, poverty, & rural South. 062215
Rural poverty in Arizona. 062200

POWDERS

cooked, canned & instant **bean powders.** 063954
Utilization of **cork powder** in preparation of 066523
of wines processed with **diatomic powder.** 064006
Production of **powdered foods** by azeotrop- 063336
estimating deterioration in **powdered milk** p- 063190
residues in raw & **powdered milk.** 063209
"spray" & "Instant" **milk powder.** 063567
as substitute of skim **milk powder** in mixed 064764
residues in raw & **powdered milk.** 070745

POWDERY

napthoquinones **against powdery** mildews. [063157
on perfect stage of sugar **beet powdery** mild- 069468
in vitro & in vivo with **powdery mildew** fung- 069238
of several species of **powdery mildew** & cert- 069331
of fungicides for control of **powdery mildew** 069349
On specialization of **powdery mildew** causal 069417
Powdery mildew on pomegranates in Azerba- 069419
of causal agent of wheat **powdery mildew** in 069420
Contributions to **powdery mildew** resistance 069441
Powdery mildew on winter wheat & its yiel- 069453
of pea resistance to **powdery mildew.** 069570

POWER

Ecosystem policy & problem of **power.** 072519
Power of **camshaft** mechanisms. [Equipment 071680
in region of Maritsa-East **power complex.** [072264
Tractor **power determines** operations. 071614
varietal differences in **diastatic power** & four 068048
Engine power in operation of a tractor with 071691
National water & **power grids.** [India]. 072356
Websorms--**high powered** leaf eaters. [Sugar- 070390
Purchasing **power indicators** for agricultural 071615
Use of **power** of **large** tractors. 071649
to varying dosages & **power** of gamma **ray** ir- 067203
Power requirement of tractor on constructi- 071646
Choosing your **power requirements** wisely. 071454
Safflower power. [Disease resistance, Alter- 069427
construction of a thermal **power station** in a 066151

POX

Tumorous pigeon & **canary pox.** 065900
On virus carrier in cases of **fowl pox.** 065810
to epidemiology & control of **plum pox** virus 069645
clevelandii Gray. Cells infected by **plum pox** 069647

Immunization of pigs against **swine pox** with 065878

POXVIRUSES
Entry of an **insect poxvirus** by fusion of virus 071066

PRAIRIE
Bunchgrass prairie. 066890

PRATYLENCHUS
diseases in nurseries. [**Apples, Pratylenchus** 069910
of root-lesion **nematode Pratylenchus** penet- 069768
of root lesion **nematode Pratylenchus** penet- 069769
fungi in control of **Pratylenchus penetrans.** 069909
on potato & **Pratylenchus** on **Rosa** canina. 069807
Atok, Benguet. [**Pratylenchus, Trichodorus**] 069871

PRECIPITATION
Atmospheric precipitation & its effect on gu- 072334
of amount of **precipitation formed** near to so- 072396
viruses by means of agar **gel precipitation.** 065434
Diagnostic value of **precipitation** in **gel** in d- 065558
of iodine & agar **gel precipitation** tests. 065561
increase due to **precipitation management** for 072424
Precipitation probabilities for Kentucky. 072432
for extraction & **precipitation** of **protein** fr- 063706
Precipitation studies on Zeranol. [Cattle, s- 064515
Precipitation techniques for species different- 065464

PRECIPITIN
Precipitin test & soluble antigen fluorescent 065391

PREDATION
Predation by **damselfly** naiads on cladoceran 070815
outlook of studying **predacious fungi** in Aze- 067690
of insecticides upon **predaceous insects** of a- 070497
of phytophagous & **predacious mites** on app- 070424
African ants towards **predaceous Syrphids.** 070850

PREDATOR
persimilis as a **predator** used in **biological** c- 070457
of infection, parasites & **predators** of **grape** 070420
concerning coyote as a **predator** on **livestock** 064205
one of its **principal predators,** Stethorus ma- 070851
Linn. as a **predator** of **sorghum** stem borer, 070342

PREFABRICATED
Building with **prefabricated elements** in swi- 071425

PREGNANCY
Maternal metabolism during **pregnancy.** 064376
Hormonal control during **pregnancy.** 064377
nutrient requirements for **pregnancy.** 064693
Maternal metabolism during **pregnancy.** 064990
Hormonal control during **pregnancy.** 064991
nutrient requirements for **pregnancy.** 064992
in dog during oestrus & **pregnancy.** 065184
Multiple **abdominal pregnancy** in a hare fo- 065041
An effect of **pregnancy** on **antibody** response 065518
plasma metabolite levels in **pregnant beef** c- 064965
Respense-**contingent prenatal** experience of 064285
silage on serum proteins in **pregnant cows** d- 064892
control of **pregnancy dates** in cows. 065160
Prenatal development of muscle fiber types 064479
Early **pregnancy diagnosis** based upon plas- 065016
Utilization of an **early pregnancy** test by pr- 064940
Early pregnancy diagnosis based upon plas- 065016
of weight change in **pregnant ewe.** 064966
of mineral supplements to **pregnant ewes,** w- 064787
Respense-contingent **prenatal experience** of 064285
of right-horn & left-**horn pregnancies** in sla- 065058
estrous cycle, & during **pregnancy** in **intact** 064960
economic effectiveness of **pregnant mare** ser- 065148
cycle. II. influence of PMS [**pregnant mare** 065212
calf fetus of single or **multiple pregnancies** 064938
pregnancies in slaughtered **pregnant native** 065058
during late **pregnancy** on **performance** of ho- 064616
Ketosis in **pregnant sheep** & lactating cows: 065912
metabolic disorders in **pregnant sheep.** 065988
on incidence of **pregnancy** in **slaughtered** an- 065057
horn pregnancies in **slaughtered pregnant** na- 065058
in estrogen production in **pregnant sow.** 064939
blood plasma urea of **pregnant sows** & their 064924
Duration of **pregnancy** of **sows** & their repr- 065098
C" inoculation virus strain in **pregnant sows** 065580
between duration of **pregnancy** in **swine** & f- 065187
Utilization of an early **pregnancy test** by pr- 064940

PREHEATING
SEE HEAT

PREMATURITY
on initiation & growth of **premature lateral** 067414
Hormonal triggering of **premature puberty** in 065133

PRENATAL
SEE PREGNANCY

PRESERVATION
On **preservation** of **Borrelia** anserina strains 065697
Preservation of **channel** catfish with some se- 063393
on color, taste & **preservation** of **cooked** sau- 063658
Effect of **corn preserved** with ammonium ch- 064747
fertilizers & **environmental preservation:** pr- 072603
Preserving de **facto** wilderness. 072549
Swedish Institute for **Food Preservation** Re- 063191
Home **Food Preservation** Section at Long A- 063264
application for **preservation** of **foodstuffs.** 2. 063870
of beta-carotene in **preserved** & **fresh** green 063230
Possibility to **improve preservation** of fruits 063904
Rosa pomifera) grown for **preserve industry** 069182
fed on grass, clover or **lucerne preserved** in 064841
Thoughts on **marketing preserved** wood. 066420
forage harvesting & **preservation** on **peasant** 064082
Fence-**posts preservation** by sap-displaceme- 066488
Institute for Food **Preservation Research;** a- 063191
Battling for **river preservation** in Tennessee 072542
of preparations for **preserving root** freshness 066402
Study of preparations for **preserving root** fr- 068605
of preparations for **preserving root** freshness 068607
Home Food **Preservation Section** at Long A- 063264
biological containers for **semen preservation** 065042
High mositure grain **sorghum preserved** with 064849
Preserving southeastern wilderness. 072546
Preservation & **storage** of leaf protein prepa- 063760
Preservation of **strawberry** plants. 063918
Preservation, tuberization & sprouting in t- 068294
Preserving wilderness through state legislat- 062908
Preserving wilderness through state legislat- 062909
Preserving wilderness through state legislat- 072537
Preserving wilderness through state legislat- 072538
Thoughts on marketing **preserved wood.** 066420
good production. [**Wood preservation**]. 066571
creosote oil in stakes. [**Wood preservation**]. 066564

PRESERVATIVES
with a note on weight loss in **preservative.** 070817
prepared with **chemical preservatives** & biol- 064835
Allowable & **forbidden preservatives** in foods 063183

PRESSING
Rationalization of charging a **press.** [Forest 066430
Properties of durable-**press cotton** fabrics re- 063822
to aqueous media of durable-**press cotton** fa- 063834
for creasing fully cured **durable press** goods. 063835
Control of **pressing operation** at manufacture 066475

PRESSURE
Pressure apparatus for injecting chemicals i- 066368
of plant & D.P.D. [diffusion **pressure deficit** 067397
of furocoumarins by **high-pressure** liquid chr- 068388
from application of **hydrostatic pressure** to 068431
Silviculture under **pressure** of **landspace** pro- 066331
Nitrogen-pressurized spray system for C-47 071549
of monovalent ions & **osmotic pressure** on s- 070910
of measuring change in **relative pressure** in 071949
at greater depths with a **pressure transducer** 071808
I. behavior of **pressure transmitted** by plung- 066490
of metals in contact with **pressure treated** 066513

PRETREATMENT
regulators as a **pretreatment** for **sugar** beet 067920

PREVENTION
Prevention of **anther** mold in red clover. [B- 069445
for treatment & **prevention** of **canine** heart- 065398
Causes, prevention & treatment of retained 065969
Preventing cigarette ignition of mattresses. 063194
Prevent damage to contour works. 072257
installation for **prevention** of **damages** from 071672
Selevit injections in **prevention** of **disease** in 065985
of lettuce & means of **preventing disease.** 069888
measures for **prevention** of **diseases** of Apis 071413
Preventative efficacy of TF-130 preparation 065868
equipment for **prevention** of **epidemic** pneu- 065403
joint application of **erosion-preventive** meas- 072297
Contribution to **prevention** of **health** & prod- 064826
Recommendations for **preventing hoof** dama- 066046
Storage **losses prevention.** [Grain]. 063365
Prevention of **mastitis** in cows in Great Brit- 065786
application of erosion-**preventive measures** 072297
for grazing season & how to **prevent nitrate** 066045
toxicity for bees & of **prevention periods.** 070270
Pharmaceutical prevention & therapy--as se- 065264
procedures for **prevention** of **recurrent** prola- 065255
Preventive & repressive measures for proces- 063068
of epizootiology & **prevention** of **ringworm** of 065860
Prevention of **sheep** poisoning in alpine regi- 066058
of domestic animals & **preventive systems** o- 065402
Contribution to **prevention & therapy** of "fo- 065605
II. Progress in **preventive veterinary** medicin 065260
Prevent warping & cracking of wood. 066480
as a counter measure to **prevent zinc** deficie- 070388

PREWEANING
SEE WEANING

PRICES
problems by maneuvering market & **prices.** 062729
Feed **prices, accounts,** & payment. 062495
information & its **price** on **agricultural** ente- 062489
Inflation & **beef prices.** 062744
Commodity Credit **Corporation, price** suppo- 063013
Cost price of fodder plant seed. 062486
Cost price of egg consumption in Belgium. 062633
of production & **prices** for **farm** products. 062513
Feed prices, accounts, & payment. 062495
Increasing **feed prices** are forcing changes in 064874
Fertiliser prices in India. 072034
An analysis of factors on **price fluctuation** in 066441
Prices & fruit size. 062779
A study on **guaranteed price** of sugar & rela- 062638
Incomes, prices, trade influence world red 062669
to pay for barley ground? [**Land prices**]. 062233
wants to get into act. [Forests, **land prices**] 066270
Notes on world **market prices:** a summary of 066543
Burssel's propositions on **price** of **meat** for 062743
Prices of **medicine** & tariff for veterinarians 065306
food stores: **pricing** & other **merchandising** 062775
Regulatory **milk pricing**--problems & issues 062658
High **milk prices** are certain. 062720
Relationships among wheat **prices paid** to 062734
What were **prices paid** by state grain elevat- 062753
Regulatory milk **pricing--problems** & issues 062658
Produce prices with early picking of potato- 062676
Texas **prices received** & paid by farmers. [S- 062811
Purchase & **sale prices** in agriculture. 062766
in production, sales, & **prices** of **Scottish** ce- 062762
marketing boards for **price stabilization.** 062611
USDA **support prices** can create chaos in da- 062679
Credit Corporation, **price support,** export & 063013
Pricing systems. 062517
market organizations & **price systems.** 062635
Texas prices received & paid by farmers. [S- 062811
Incomes, **prices, trade** influence world red 062669
Relationships among **wheat prices** paid to 062734
Variability of **yield, price** & gross income in 062675

PRIMATES
of uvea & retina in **man, primates** & ox. 064338

PRIMITIVE
On some particularly **primitive characters** of 070750
Chromatin of **primitive erythroid** cells from 064347

PRIMULAS
blycoside from **Primula turkestanica.** 067514

PROBABILITY
A **probability approach** to sawtimber tree-va- 066309
Probability of **linkage** between escape of su- 068163
Precipitation probabilities for Kentucky. 072432

PROBING
Aurovertin, a **fluorescent probe** of conformat- 064423
Probing a **membrane** matrix regulating hor- 068449
Use of **probe method** in determining coeffici- 071839

PROCESSING
world & technical reform in their **processing** 063401
lean & fatty canned beef due to **processing.** 063674
breeding varieties of potatoes for **processing** 067247
Aerobic processing of excreta in space below 071508
Processes affecting herbicide action in soil. 070181
Aqueous processing of fresh coconuts for re- 063958
Aseptic processing & filling methods. [Milk] 063502
on distribution & **processing balance** of some 063275
data of fruit, vegetable, & **berry processing** 062818
Biochemical processes in hard cheese during 063549
some physiological & **biochemical processes** 065096
method of studying **biophysical processes** of 071923
of ascorbic acid in white **bread processing.** 063700
Chemical processing of commerical type fab- 063830
grain varieties for **computer processing.** 067132
changes during **cooking, processing** & storage 063411
Automated **data processing** in cost accounti- 062400
A method of **data processing** for food-consu- 063271
Data processing in optimal feed rationing for 064723
Data processing equipment in forest manag- 066179
accounting with electronic **data processing.** 066182
Punchcard model for **processing data** on spe- 066893
rate by means of electronic **data processing** 065130
into feeding rations on **digestive processes** in 064493
Digestive processes of haematophagous inse- 070791
between farming & **processing enterprises.** 062379
of organizing **processing enterprises** on coll- 062460
Data **processing equipment** in forest manag- 066179
by electronic data **processing equipment.** 066466
Erosion processes on southern slope of Kar- 072332
means in meat **processing establishments.** 063669
supplying raw materials for **feed processing** 062362
in manufacturing semi-**processed fish.** 063328
ecological changes in **flushing processes** of P- 066868
Why use extrusion. [**Food processing**]. 063359
Cuts waste disposal costs. [**Food processing,** 072524
for allocating forest & **forest processing** ind- 066254
Survey of wineries & **grape processing** plants 062821
equipment for post-**harvest processing** & sto- 071628
Effects of **heat processing** on retention of vi- 063960
A computer program for **processing historic** 066145
Processing hot sausages without smoking wi- 063593
yield from apples for **industrial processing.** 063921
forest & forest **processing industries.** 066254
Cooperation between **processing industry** & 062352
fruit, vegetable, & berry **processing industry** 062818
for fruit-& vegetable-**processing industry.** 063920
Meat **processing layout**--new construction & 063615

disinfecting means in **meat processing** establ- 063669
aerosol & odor control in **meat processing** p- 072589
equipments for **mechanized processes** in an- 064237
for adaptability to **mechanized processing** & 067246
equipments for **mechanized processes** in an- 071705
on some phytochrome-**mediated processes.** [067762
Effects of various **processing methods** on free 063875
conditions in twelve fluid **milk processing** pl- 063128
Significance of **natural processes** in manifes- 071833
Economic efficiency of **organizing processing** 062460
Oxidation processes in production & storage 063860
repressive measures for **processing, packing,** 063068
dicotyledonous weeds in **processing peas.** 069969
brain & energy of **physiological processes.** 2. 064583
fertilizers on certain **physiological processes** 068067
regulation of **physiological processes** in isola- 068484
phosphorus on some **physiological processes** 068497
raw materials for feed **processing plants.** 062362
Survey of wineries & grape **processing plants,** 062821
in twelve fluid milk **processing plants** as det- 063128
Survey of wineries & grape **processing plants,** 063986
problems in sampling & **processing** of **plants** 067741
odor control in meat **processing plants.** 072589
of production & **processing** of **potatoes.** 063938
disposal costs. [Food **processing, potatoes**]. 072524
mechanized harvesting & **primary processing** 071674
Marketing & **processing problems** in cotton- 062788
Production, processing & marketing of vege- 062712
Pineapples. [**Production, processing**]. 062819
thier causes in **production processes** of plyw- 066448
keeping quality. [Dairy **products, processing** 063506
materials as indices for **processing properties** 063697
What are limitations to **processing quality** c- 063978
Mechanization of **processing records** of labor 062448
componebts of oils in **refining processes.** [Ol- 064038
of soil erosion & **related processes** under co- 072347
productionand **reproduction processes** & cen- 066291
of genes controlling **reproductive processes** 067080
Processes of **ripening** in case of composting 072186
Effect of **processing** on **Salmonella** moulds 063771
System of **seed processing** in Poland. 063748
Problems in manufacturing **semi-processed** f- 063328
turnover & their role in **soil processes.** 071876
Method of **statistical processing** of data on 067818
On technique of **statistical processing** of ex- 071922
usefulness of **substitution processes.** [Wood] 066477
Cane raw **sugar processing** during beet sugar 063853
Intensification of **technological processes** of 064028
a summary of cotton fiber & **processing test** 063845
Thermic processing of artificial sago. [Starc- 063796
flitches for scantling. [**Timber processing**]. 066417
as affected by maturity & **processing time.** 063935
New **processing tomato** cultivars Ohio 2070, 069103
Transient processes during liberation of ble- 067995
effects on wastewater **treatment processes.** 072615
Some problems in **UHT processing.** [Dairy 063497
bibliography on **processing varieties** of peas, 063886
Effects of **various processing** methods on free 063875
main basis for fruit-& **vegetable-processing** i- 063920
Fruit & **vegetable processing** in first half of 063944
canneries. [Fruit, **vegetables, processing**]. 062596
On **processing wine**-manufacture residues. 064026
Biological stability of **wines processed** with 064006
Saw blades for **wood processing.** 066465
of food gelatin in **yoghurt processing.** 063503
of soybeans for **processing** in New **York,** 19 062549

PRODUCTION

Agrarian structure & its effect on **production** 062253
of various branches of **production.** 062447
improving profitability of **production.** 062592
quality on profitability level of **production.** 062598
Sugar: stepping up **production.** 062930
Meat rabbit & its **production.** 064133
Adaptation, stress & **production.** 064273
industry-like conditiions of **production.** 065125
under industry-like conditions of **production** 065127
Wax emulsions provide good **production.** [066571
caused by IAA [indoleacetic acid]-**producing** 067908
Investigation of **production abilities** in adult 064922
Production & **addition** of vitamins to skim 063531
production function in **agricultual production** 062801
progress in **agricultural production?** 062206
of development of **agricultural production** on 062249
based on **agricultural production.** 062254
Organization of **agricultural production** on s- 062419
Organization of **agricultural production** as s- 062421
expenditures for **agricultural production.** 062514
Development of **agricultural production** in 062839
development of **agricultural production** in A- 062924
Areas of **agricultural production** in Afghanis- 062925
Potential of **agricultural production** in Shad- 062937
Environmentalizing **agricultural production** 062940
Growth of **agricultural production** is necessa- 062972
intensification of **agricultural production** of 066100
in industrialized **agricultural production.** [P- 070311
in increasing **agricultural production** in 70s. 072036
of fertilizers in **agricultural production.** 072214
of intensification of **agricultural production.** 072439
Environmentalizing **agricultural production** 072560
Development of cereals & **animal production** 062985
development of **animal production** & mixed 064072
Animal production at 53rd DLG exhibition. 064166
Intensive **animal production.** 064227
factor of development of **animal production** 065052
function for increase of **animal production.** 065292
maize with cowpea on **production** of **animal** 068726
mechanized processes in **animal production.** 064237
of industrialised **animal production** with par- 065274
mechanized processes in **animal production.** 071705
range environmental **production anlytical** sy- 066303
effect of vaccination & **antibody production** 065435
Direct selling of timber at **producing area.** 066531
In European **aviculture, production** under c- 062340
on state farms in **production** of **beef.** 062366
of Japanese cattle in **beef production.** 062481
Beef production in Italy. 062614
Are **beef production** & marketing methods u- 062715
Beef production under magnifying glass. 063016
of cattle resources for **producing beef.** 064206
Industrial technology of **beef production.** [C- 064776
Beef production from exotic & crossbred cat- 064880
Simmental breeds in **beef production** in Uni- 064955
of subclinical parasitism on **beef production** 065588
renovation intensifies **beef production.** 068682
Sugar **beet production** in EEC. 1. Agricultur- 068628
Planning fruit & **berry production** in Vestla- 069026
on growth & **production** of **Bluebelle** rice. 070207
effectiveness of varied **production-boosting** 064781
Lilium **bulb production** & cultivation. 1. 068925
Production of **canned** food in Japan. 062822
Production capital for forestry. 066248
for **production** of some **carcinogenic** mytoxi- 063219
development of **cattle production.** 062935
Glance at **cattle production** in Great Britain 064132
Development of slaughter **cattle production** 064164
of procedures in milk & **cattle production.** 064220
Zebu cattle & its use in **cattle production** & 065002
of mosquitoes on beef **cattle production** on s- 070642
Production of **cellulolytic,** pectolytic, & oxy- 069333
for further rise of **cereal production.** 068670
Production of **certified** seed potatoes by var- 068941
for important **production characteristics.** 064936
associations between **production characters** 065000
Production check of crystallization of gluco- 063805
of raw milk in hard **cheese production.** 063153
technology of cottage **cheese production** on 063275
Production of **chlamydospores** by Phytopht- 069490
Assimilation of **cholesterol production** refuse 064902
Economics of **coffee production** in typical en- 062500
substantiation of **combining production** of bi- 066421
Production of **composts** from soft wood lum- 072015
under industrialised **production conditions** [063896
grain quality under **production conditions.** 068700
winter wheat under **production conditions.** 072125
Cone production of douglas-fir & grand fir & 068524
States agriculture. [**Production, consumption** 062765
Production & **consumption** of mineral fertili- 072135
Continuous production of ram semen in cour- 065126
Planning, central link in **production control.** 062332
agricultural **production control** policies. 062940
Experimental results in **production control.** 063630
Production & **control** of bovine PPD [purifi- 065408
agricultural **production control** policies. 072560
in course of **production** in a **cooperative** unit 065128
integration. [**Production cooperatives**]. 062342
Coremia production of Ceratocystis ulmi gr- 069391
Production costs of primary agricultural pr- 062604
Increasing **cotton production;** recent resear- 063008
Cranberry production in Washington. 069191
Oil **crop production** in Iran. 063021
Crop production. 068850
control in commercial vine **crop production** 069746
practices in Rhodesian **crop production.** 070046
liveweight on **production** from **crossbread** e- 064949
in commercial pickling **cucumber production** 069745
fertilizers on **production** of **cucumbers** grow- 072207
Probable location of flue-**cured production** u- 062402
have effect of diminishing **dairy production.** 062239
calculations of cost of **production** of **dairy** h- 062520
Pesticides & **dairy production.** [Contaminati- 063160
Analysis of **production development** & of fac- 063676
of summer barley in **different production** reg- 072185
Carbon **dioxide production** in fermentation of 063124
Milk: **production, disposition,** & income, 19 062828
of concentrates for **production** of **drugs** used 065571
Production & **drying** of wide flitches for sca- 066417
Stable fodder **production due** to growing gre- 068671
Market potential, **production economics**]. 062585
Production effect of milk mixtures Interveau 064918
Evaluation of total **production efficiency** of 065109
Changes of **egg production** & marketing stru- 062620
of seasonality in **production** of **eggs** & poult- 064241
Hygiene studies on **production** of **eggs** at in- 065317
of industrialised wilted **ensilage production.** 062502
aureus & **production** of **enterotoxin.** 063032
of Breeding Stock **Production Enterprises** t- 065053
Breeding & Seed **Production Enterprises** this 067321
Forest-range **environmental production** anlyt- 066303
effect of fatty acids on **enzyme production.** 067660
Production of **ergot** alkaloids in vitro by Sp- 067666
adrenal glands in **estrogen production** in pr- 064939
lipid-induced growth & **ethylene production.** 068449
On **experimental production** of plywood from 066453
Production & **export** of eggs in 1972. 062643
Distribution of yeasts **producing extracellul-r** 067689
analysis of a two-**factor production** function 062801
Agriculture of USSR after **production failure.** 062980
Agriculture of USSR after **production failure.** 062981
amount of labor for **farm production.** [Potat- 062336
incentives in collective **farm production.** 062521
aspects of sheep **farms--production** technical 064223
Efficient structure of **feed production** on col- 062449
Production & **feed** grain utilization balances 062943
prospects for organizing **feed production** & f- 064716
Higher **feed production** by cultivation of gra- 068663
Production feeding of lambs with diets based 064643
Experinece in **production** & **feeding** of straw 064678
Production of **feeds** in Volga region. [Pastur- 068713
management with aim of **producing** a **final** h- 066385
of some indices of **production** in **Finewool-C-** 066328
A **flax production** systems analysis. 064926
of socialist emulation in **fodder production** 068774
Fodder production & demand-oriented supply 062881
Stable **fodder production** due to growing gre- 064676
a powerful reserve of **fodder production.** 068671
Food production & fertilizer application. 13. 072384
of contemporary **food production** & marketi- 062613
husbandry & problems of **forage production** 062699
Problems of **forage production** in farms with 064097
utilisation of residues in **forest production.** 068904
Intensifying **forest production** & problems of 066237
rationalization of **forest production.** 066285
Vegetable & **fruit production** in Thailand. 066537
Major **fruit production** in Philippines. 062708
in development of **fruit production.** [Czechos- 062710
Production of **fruit** bodies in Panus tigrinus 063005
Development of **fruit production** in Soviet 067691
an area of concentrated **fruit production.** 069019
High & stable **fruit production** through ste- 069022
Lard in **production** of **fryed** paste products. 069023
between science & **production** for **fulfilment** 063597
analysis of a two-factor **production function** 062889
Planning **production funds** for replacement 062801
Development & **future production** of dietetic 062471
Through cooperative **gradual production** in 063303
in formation of **gradual production.** 064149
Production of **graft** materials in Yugoslavia. 064221
Economic effectiveness of **grain production** 069193
recommendations for **production** of **grain** & 062528
crop rotation for increasing **grain production** 064057
economic efficiency of **groats production** in 068716
maintain a high rate of **production growth.** 062600
of planting date on **guar production** in Rolli- 062424
Southern blight & **guar production** in Rolling 068844
S. C. peanut **production guide** for high yields 069558
Production of **healthy** seed potatoes in cove- 068640
Production & **heat** stability of staphylococcal 069181
General problems of **producing high** quality 063295
observations on **production** of new **high** yiel- 063553
Higher production of quality cereals by nitr- 068779
for commercial & **home production** in Illino- 072025
Intensification of **hops production** in Poland 069056
Production of **hot** sausages. 069211
Production of **hybrid** seed in grasses under i- 063594
mu chain on IgM, IgY, & **IgA production.** 067095
crossbred sheep for **important production** c- 065530
Crossbreeding **improves production.** [Sheep] 064936
silage: Conditions of **production, income** fac- 064967
Increased production of mixed horse feed. 062432
Increasing production. [Forestry]. 064075
Extending plantings & **increasing production** 066240
to specialization & to **industrial production** 068714
development of **industrial production** metho- 064149
stepwise transition to **industrial production** 066280
storage under **industrialised production** cond- 069023
photoperiods on **production** of **infection** for- 063896
nematode bank" for **production** of **inoculum** 071099
for cattle farms under **intensive production.** 069905
chlormadinon (VEB **Jenapharm production**) 065330
Developments in **production** of **Kualakep** oil 065181
Production of **larvae** of Phyllobius piri L. C- 063420
crop farming & **livestock production.** 070834
of development of **livestock production** in L- 062582
feed in Austrian **livestock production.** 064169
basis for industrial **livestock production.** 064689
in establishments for **livestock production.** 068741
in establishments for **livestock production.** 071462
Rationalization of **livestock production.** [M- 071463
in mechanization of **livestock production.** 071524
to prevention of health & **production losses** 071630
central tasks for raw **lumber production** to 064826
Some elements on **management, production** 066291
for large-scale **production management.** 064209
Production & **marketing** of Panax roots (gin- 064580
Silkworm & silk. [**Marketing, production**]. 062727
World wide **production, marketing** & utilizat- 062731
A simple method for **mass production** of Fa- 066469
in apple orchards. I. **Mass production.** 065593
Industrial dry **matter production** in coopera- 070466
Development & dry **matter production** of gr- 062346
concentration on dry **matter production** & g- 067899
Studies on dry **matter production** in corn pl- 067943
Vicia faba L.) il. Dry-**matter production.** [B- 067955
of sowing time on green-**matter production** of 068046
fertilizers for **maximum production** of onion 068877

fertilizers for **maximum production** of chilli- 072111
fertilization for **maximum production.** [Sugar 072204
Reserves for raising **meat production** in she- 065198
to industrial **production methods.** 064149
of industrial **production methods** in forestry 066280
transition to industrial **production methods.** 069023
Yam **production methods.** 069162
Microbial production of tenuazonic acid ana- 067416
Industrial methods of **milk production.** 062388
in profitability of Austrian **milk production.** 062544
Development of **milk production** & purchasi- 062726
by switching from **milk production?** 062736
State of **milk production** as it pertains to in- 062949
Industrial methods of **milk production.** 063517
obtained in increasing **milk production** on fa- 064200
from industrial type of **milk production** in f- 064221
thyrotropic hormone] & **milk production** in 064353
Milk production from grazed grass. [Cattle] 064595
salts of fatty acids for **milk production.** 3. ef- 064619
system of grazing for **milk production.** 064652
Limited reports on **milk production** & fertili- 064671
Can one have an intensive **milk production** 064685
proportion of sugar beet or **milk production.** 064921
subclinical mastitis to **milk production** & c- 065583
Can one have an intensive **milk production** 068675
in improvement of **mohair production** & mo- 064562
Department of Plant **Production Mucheln.** 062350
Study of **mucilage producing** seeds & nutlets 066932
Future development of **mushroom production** 062975
mulches for **muskmelon production.** 068956
Production & nutrient status of whitetop. [064066
acid & formalin on **production** of **organic** ac- 064048
Organizing production of grass meal in volga 064063
medium on **production & pathogenicity** of A- 069509
S. C. **peanut production** guide for high yields 068640
Production of **pectolytic** & cellulolytic enz- 069342
Photosynthetic production of two sown spec- 068203
number of workers in **pig production.** 062397
Planning production funds for replacement 062471
Department of **Plant Production** Mucheln. 062350
35 Years of German **plant production.** V. Ad- 062820
Increased intensification of **plant production** 066891
batch sizes in ornamental **plant production** 068950
35 Years of German **plant production.** V. Ad- 069079
plant protection service in **plant production** 069783
costs of aids to mechanize **plant production** 071546
of equipment for **plant production.** 071619
of technical methods of **plant production.** [071622
Development of **plywood production** from vi- 066427
feeding on effectiveness of **pork production.** 062602
Intensification of **pork production** in Volga 064144
related to industrial **pork production** in nati- 064214
British **potash production** starts this year. 071973
On increasing efficiency of **potato production** 062597
effectiveness of **production** of **potatoes** & ve- 062594
United States. [Market **potential, production** 062585
to achieve balance in **poultry production.** [B- 062853
Density limits in **poultry production.** 064141
Improving **poultry production** in Volga regi- 064146
Development of industrial **poultry production** 064150
of regional distribution of **poultry production** 064177
Production of **powdered** foods by azeotrop- 063336
Production practices used by Wisconsin dai- 062464
Specialization of **production & prices** for fa- 062513
Primary production & distribution of organic 066857
Comparative study of **primary production** re- 067467
their role in sugar **production process.** 063797
thier causes in **production processes** of plyw- 066448
Production, processing & marketing of vege- 062712
Pineapples. **[Production, processing].** 062819
Problems of **production & processing** of pot- 063938
Pineapples. **[Production, processing].** 063974
Investigation of **production properties** of Bl- 065206
operations & their **production prospects.** 071590
Production of **protein**-rich wheat by mutati- 067286
organic matter & **protein production** from g- 067919
Production & purchasing of sugar beets acco- 062639
On **production** of a **qualified** work force in 062375
For **production** of **quality** milk, iII. [Dairy 064846
of udder diseases on **production & quality** of 066126
study of primary **production realized** by so- 067467
veneer volume losses in **production** of **red** & 066546
Assimilation of cholesterol **production refuse** 064902
Fundamentals **regarding production** of fruit 063923
barley in different **production regions.** 072185
cancelling use of 2,4,5-T in **rice production.** 062586
Effect of over-vegetation on **rice production.** 068803
in western Laos. **[Rice production].** 068883
cancelling use of 2,4,5-T in **rice production.** 070209
in western Laos. **[Rice production].** 072477
other herbicides in bush **root production.** 069980
Recent trends in **production, sales,** & prices 062762
byproducts of fat in **sausage production.** 063098
wood utilization at **production** of **sawn** wood 066474
Aspects of **production** of **scalding** sausage. 1 063589
in cattle for **large-scale production** manage- 064580
Seed production of Pinus sibirica Rupr. in 066360
of stands determined for **seed production**--an 066375
by Plant Breeding & **Seed Production** Ente- 067321
Leguminous grass **seed production.** [Czechos- 068764
Selected problems of **seed production.** [Field 068791
periodicity, plant survival & **seed production** 067462
Study of mucilage **producing seeds** & nutlets 066932
Production of **seeds** & vegetative sets of im- 068038
intensification of lowland **sheep production.** 064118
Production of **skim** milk with added vitamins 063490
requirement for grain **sorghum production** at 068180
India to encourage **soybean production** to m- 062665
of potentialities of **soybean production.** 068632
Practices for efficient **soybean production.** 068771
introduction of **specialised production** units. 062348
with design & **production** of **specialized** indu- 062311
Production of **specific** pathogen free pigs. 064183
digestion, digestibility & **sperm production** of 064889
British potash **production starts** this year. 071973
in leading & planning of **production** in **state** 066283
Union of Breeding **Stock Production** Enterp- 065053
Weed control in nursery **stock production.** 069947
Oxidation processes in **production & storage** 063860
requirements for **strawberry production.** 062351
Intensification of **strawberry production** in 062356
substances & their role in **sugar production** 063797
Organization of **production** on **swine**-raising 062456
Swine production & problems of emission. 064113
Increasing **swine production** by utilizing out- 064172
Growing stock size in **swine production:** Add- 064225
Mechanization of **swine production.** 071581
A flax **production systems** analysis. 068774
aspects of sheep farms--**production technical** 064223
limits of **production technique** of economic 062391
on some factors of **production technique.** 070133
Production techniques on garden plants. 8. 068919
Results of **production tests** of granular 4-pe- 070262
agreement on **timber production** & forest pr- 066275
of profitability of **tobacco production** on col- 062516
Tobacco production in Angola. 068679
Evaluation of **total production** efficiency of 065109
of nitrite & nitrate on **toxin production** by 063031
influencing growth & **toxin production** by au- 063167
Production of **trehalose** & polyols by Ustila- 069436
Resource productivity & **production trends** in 063020
Production types of specialized grain & catt- 062381
introduction of specialised **production units.** 062348
Production, utilization & marketing of cott- 062737
nutrition: effectiveness of **varied production-** 064781
of whey utilization for **production** of **various** 063558
methods in field **vegetable production** under 062347
specialization in **vegetable production** & int- 062348
site-oriented outdoor **vegetable production** u- 062349
Allocation of **vegetable production** in Donets 062458
Effectiveness of **vegetable production** in cov- 062523
methods in field **vegetable production** on ro- 068985
essential to field **vegetable production.** 068986
patterns of field **vegetable production.** 068988
transition to industrial **vegetable production** 069025
on systems of **production** for **vegetable** crops 070035
in industrialized field **vegetable production.** 072031
In **vitro production** of indole acetic acid by 069365
Production of **volatile** metabolites by species 067460
seeding rates for dryland **wheat production.** 068648
a Soviet variety to boost **wheat production.** 068665
seeding rates for dryland **wheat production.** 071539
intensive calf fattening for **producing white** 064400
World **wide production,** marketing & utilizat- 066469
used in natural apple **wine production.** 063871
Influence of age on **wool production** in long- 064462
Effect of sheep age on **wool production.** 064471
factors on multiple births, **wool production** 064935
Yam production methods. 069162
Distribution of **yeasts producing** extracellul- 067689
Friesian cow: A new **production** of **young** ca- 064180

PRODUCTIVITY

features of sugar beets & its **productivity.** 067056
picloram & notes on effects on **productivity** 070190
Czechoslovakia. **[Agricultural productivity].** 062243
Resource use & its **productivity** in **agricultu-e.** 062307
type & management on **productivity** of **beef** 064710
summer nights on **productive behaviour** of 064406
its significance in **biological productivity.** 066834
change in structure of **productive capital** on 062367
mildew resistance & **productivity** of **certain** 069441
on botanical **composition, productivity** & nit- 068008
crop rotation on **crop productivity.** 068886
Studies on **productivity** & its **estimation** me- 066235
peculiarities & **productivity** of **Estonian** win- 068619
Productivity of **ewes** born singly or as twins 065075
Measures of **farm productivity** & specializat- 062418
n crossbreeding. 2. **Productivity, fattening** & 065191
mineral fertilizers on **productivity & fertility** 072237
Productivity of **field** crop rotations in forest 068867
of herbicides on **productivity** of **fodder** maize 070224
problem of stimulating **growth, productivity** 064528
on sprouting, **growth, productivity** & mutati- 067182
chloride on **productivity & health** of lactati- 064747
Productivity & health of cattle as influenced 064867
their influence on **herbage productivity.** [R- 070071
MG on growth & **productivity** of **highbush** b- 072003
during growth on **productivity** of **Holstein** c- 064711
Agriculture: **increased productivity** through 062999
Means of **increasing productivity** of tractor- 066498
properties & **productivity** of **interline** maize 068003
On reserves for growth of **labor productivity** 062372
Means of increasing **labor productivity** in p- 062373
for correlating indices of **labor productivity** 062398
Evaluation of **meat productivity** in cattle by 064257
with regard to their **meat productivity.** 064261
Research of **meat productivity** in pigs with 064262
both sexes, in relation to **meat productivity.** 064263
Results of **milk productivity** testing of cows 064185
Energy rating of **milk productivity** of cows. 064233
Comparative study of **milk productivity** of c- 064927
Productivity of **perennial** cultivated pastures 068710
testing of **productivity** of **perennial** grasses 068862
Upper limit of **photosynthetic productivity** 067594
biological elements of pea **plant productivity** 068504
in reference to their **polyol productivity.** 067661
Standing crop & **primary productivity** of ph- 067644
Productive qualities of sheep relative to type 064529
Evaluating heredity of **productive qualities** in 065152
Productive quality of swine on breeding far- 065099
Resource productivity & production trends in 063020
of climatic factors upon **productivity** of **rice** 067939
processing of data on **seed productivity** of p- 067818
Breeding more **productive sheep.** 064977
of estimation of **productivity** of some **shrub,** 066840
Interior & **productivity** of **southern** Kazakh 064530
Productivity of **sows** & boars relative to age. 065103
state farms & their **productive subdivisions** 062252
Results of milk **productivity testing** of cows 064185
Efficient ratio between **productivity & wages** 062371
differences in **wool productivity** of Merino b- 064259
grapevines on yield & **productivity** of **work** 068505

PROFITS

Drainage & **profit.** 062504
orchard grass & bromegrass yields & **profits** 062512
Relating fertiliser use to **profit.** [Grasses]. 072145
Drainage & **profit.** 072368
Prepare calves for market; get **added profits** 064130
Woodlands as a **profit center.** 066190
Crop dynamics & **profitable grain** cultivation 068893
Increase profits through cost-return analysis 062505
Factors **influencing profit** from finishing suc- 062479
Profitable pig-farming. 062607
Is your rabbit **rearing profitable?** 062339

PROGENY

of thier own utility & that of their **progeny** 065035
Progeny analysis of scented camellia hybrids 067075
wheat varieties & their **crossing progeny.** 069441
traits of male & **female progeny** from a he-g- 064946
to seed-hydration chilling in **Fl progeny** of 067961
of microsporogenesis in **hybrid progeny** reci- 067071
Quality of Askanian ram **progeny raised** at 064898
Progeny testing by easy calving & few calf l- 065142
Wool content of **progeny** in some **variants** s- 065189

PROGESTERONE

early pregnancy test by **progesterone assay** 064940
glucocorticoid, & **progestin** in **dairy** cows fr- 064428
Effect of **progesterone** on **early** development 064979
Gravohormone & **progesterone** for **inducing** 065162
changes in plasma **progesterone levels** in ewe 064960
based upon plasma **progesterone levels** in c- 065016

PROGRAMMING

Range management, **computer programming** 066303
Agricultural economics, **linear programming]** 062270

PROGRAMS

USDA [U.S. Dept. of Agriculture] **program** 062938
integration of **program** for **accounting** syste- 066183
United States. **[Agricultural programs].** 062864
Program approach to chemical weed control 070108
of efficiency of pure **breeding programs.** II. 062584
of effectivity of pure **breeding programs.** I. 065134
Cattle **breeding program** topic: Baden-Wurt- 065139
of efficiency of pure **breeding programs.** II. 065140
Breeding program for Bulgarian Red cattle. 065188
research to materialise **complex program** of 065275
A **computer program** for processing historic 066145
A new **program** for **control** of diseases of ve- 069449
Beekeeper & alfalfa weevil **control program.** 070307
county builds its food **distribution program.** 062885
occupational **experience programs** really that 062140
supervised agricultural **experience programs** 062145
with occupational **experience programs.** [Ed- 062147
occupations **experience programs.** 062148
of supervised **farming programs.** 062141
application of forest **fertilizing program.** 072199
A **program** of **high** energy feeding for dairy 064706
Forest Tree **Improvement Program.** 066383
for water quality **improvement programs** of 072487
Programs for **improving** yields of strawberri- 069183
California supplements **national program.** [062914
Remarks on **program** of **pest** control in co- 070481
supply management **proposed program.** 062878
of realization of plant **protection program** f- 069859
launches new **quality program.** [Food proces- 063080
occupational experience **programs really** that 062140
Programs for **rural** renovation in 1973. 062931
Make an effort for new **program** of **rural** re- 063007
Planning of **sanitation program** for poultry. 065223
State University Animal **Sciences Program** 064195
Special Summer Food **Service Program.** 063015

Disease & insect **spray program** for home g- 069918
you accountable for your **summer program?** 062143
Cattle breeding **program topic:** Baden-Wurt- 065139
under modified lease-and-**transfer programs.** 062402
Long-term allocation & **transport program** of 063604
A chain of **programs** for **treatment** of data on 072442
Working program of veterinarian control of 065114

PROINSULIN
SEE INSULIN

PROJECTION
commercial elevators, 1971-72. **Projections** 062587
by substate areas (1953-1970 & **projection** to 062943
to sawtimber tree-**value projections.** 066309
device for measuring **vertical projection** of t- 066213

PROLACTIN
SEE LUTEOTROPIN

PROLAMIN
Inheritance of **gliadin composition** in bread 067130

PROLAPSE
for prevention of **recurrent prolapse** of vagi- 065255
Uterine prolapse in a mare. 065910

PROLIFERATION
of apple-tree tissues & **proliferation disease** 069613
Proliferation & **properties** of rice cells subcu- 066968

PROLINE
Free proline & water deficit in plant tissues 067586
Protocollagen **proline hydroxylase** in eye, c- 064355
Dynamics of **proline** in **vernalization** & diffe- 068337

PROPAGATION
Propagation of **asparagus** through shoot apex 068942
Clonal propagation of sarcanthine orchids by 068237
altitudes through **propagation** by **cuttings.** 066401
State of **propagation establishments** of Study 069192
On **propagation** of **fruit** crops by clones. 069065
os scion & rootstock in **grape propagation.** 068495
Ornamental **Hibiscus--propagation** & culture 069037
Propagation of **juniper** cuttings in various 068230
bibliography on **mango propagation,** 1965--1 068966
technology of storing **propagation materials** 069194
Intermittent **mist propagation.** [Equipment] 071643
garden plants. 8. **Propagation** of **ornamental** 068919
Layering. [**Plant propagation**]. 069042
Propagation of **potatoes** from stem cuttings 068927
agar mediums for **propagation** of **ruminant** 065451
Vegetative propagation of tea crops & clone 064555
of forest trees. 3. **Vegetative propagation.** 066371
Rapid **vegetative propagation** of asparagus t- 069047
bibliography on hops--**vegetative propagation,** 069205

PROPHYLACTIC
control of rabbit diseases. II. **Prophylaxis.** 065466
copper sulfate **chemoprophylaxis against** int- 065683
Prophylaxis against tapeworms in sheep. 065776
Prophylaxis against Oestrus infestation of s- 065780
Epizootiology & **prophylaxis against** leptosp- 065791
Prophylaxis against metabolic disorders in 065988
Prophylaxis against edema disease in baby 065994
employed in **chemoprophylaxis** of **animal** di- 065651
Prophylactic & **anti-**epizootic measures on 065488
trials for new **prophylactic chemicals** against 066501
On **prophylaxis** of **colienteritis** in newborn 065829
Combined chemoprophylaxis of piroplasmos- 065800
methods of **prophylaxis** & **eradication** of tub- 065489
of technology & **prophylaxis** of **industrial** sw- 065328
Prophylaxis of **infertility** in cows. 065161
Prophylaxis for **infertility** of infectious dise- 065482
Prophylaxis of **mastitis,** a major problem of 065752
Antibacterin C, a **prophylactic** in **pig** raising 065749
Veterinary **prophylactic requirements** for ca- 065330
for diagnosis & **prophylaxis** for **respiratory** 065481
On etiology & **prophylaxis** of **respiratory** di- 065702
Diagnosis & **specific prophylaxis** for brucell- 065487
sheep with copper **sulfate chemoprophylaxis** 065683
On **prophylactic** & **therapeutic** measures to 065333
Prophylactic & **therapeutic** treatment of nec- 065855
deficiency--their **prophylaxis** & **therapy.** 065928
Prophylaxis & **therapy** for calves with dysp- 065996
Therapeutic & **prophylactic treatment** of bla- 065854
Veterinary prophylactic requirements for ca- 065330

PROPIONIC
Triatment of corn grain with **propionic acid** 064105

PROPIONITRILE
Striazin-2-ylamino)-2-**methyl-propionitrile** (070051

PROPULSION
of parameters of self-**propelled rotary** tiller. 071697
fruit culture. 2. Progress of **self-propelled** ta- 068980

PROPYL
O,O-di-N-**propyl dithiophosphate,** for use al- 070002

PROSOPIS
Variability in **Prosopis farcata** in Israel: ana- 066946
investigation of **Prosopis glandulosa.** 067747

PROSPECTS
SEE FORECAST

PROSTAGLANDINS
Prostaglandins. [Livestock]. 064536
of **prostaglandin** E2 in **regulation** of contrac- 065211

PROTAMINES
Hypocalcemic effect of **protamine** in **goats** 064569

PROTEASES
Some properties of **acid protease** from ther- 067418
autolysis of **protease** from **Aspergillus** terric- 067785
Application of **bacterial proteases** in dairy i- 063514
partial purification of **protease** from **calf** th- 064243
of amylases & **proteases** in **cotyledons** of ge- 068451
Regulation of **exocellular proteases** in Enur- 067433
Regulation of **exocellular proteases** in Neur- 067434
On **proteases** of **mosquito** Culex pipiens. 071017
of kappa-casein by Mucor **pusillus protease.** 067447
Purification of a **protease secreted** by Colle- 069500
studies on an insect **serine protease.** [Anthe- 071396

PROTECTANTS
Development of a **collar protectant** dressing 069539

PROTECTION
in India" its scope, limitation & **protection.** 066486
nature of heat-induced **protection against** be- 069492
Studies on **protection against** cold damage to 069827
of crop rotation in plant **protection against** 069853
Use of charcoal dips for **protection against** s- 070079
Newer methods of **protection against** grain 070583
Tasks of plant **protection agronomists,** agric- 069783
decree on **protection** of **archaeological** soil t- 066286
On **protection** of **areas** of special value for a- 072586
Sugar **beet protection** under conditions of m- 069851
problem of **biological protection** of rape. [C- 070376
Plant **protection card** for management, plan- 069785
Effect of **protective coatings** on moisture co- 063654
Cotton growing & **crop protection** in French 069803
Protective effect of vaccination & antibody 065435
veterinarians in **protection** of **environment** 065226
from point of **environment protection.** 070689
heritage trust. [**Environment protection**]. 072544
studies on technical **environment protection** 072593
A contribution to **environmental protection.** 065663
Plant **protection--environmental** protection. 069754
Plant protection-**environmental protection.** 069811
Pesticides & **environmental protection.** 070710
Plant protection-**environmental protection.** 072531
Environmental protection in agriculture & f- 072562
Research on wind **protection equipment** for 068959
Fertilizer & plant **protection equipment.** 071574
suitability of grasses for **protection** of **field-** 072279
Protective forest stands & their role in high 066101
Protective forest shelterbelts on irrigated la- 066103
for pragmatic decisions in **forest protection.** 066221
production & problems of **forest protection.** 066285
Plant protection, **forest protection,** nature c- 069860
On establishment of **protective forests** for air 066096
Forestry & **protection** of **historical** monume- 066087
nature of heat-**induced protection** against be- 069492
packs demand: bacterial & **insect protection.** 063093
plan for 1972 of Plant **Protection Institute.** 069855
under pressure of **landspace protection** & m- 066331
Protection of **lipids** against autoxidation. [F- 063472
Livestock protection from veterinarian's vie- 065297
regulations for plant **protection materials.** 070694
Protective measures against progressive pol- 065663
in Camargue & **protection** of **natural** balanc- 072370
Demands of **nature protection** in air polluti- 066148
Plant protection, forest **protection, nature** c- 069860
under effect of **protection as opposed** to nat- 070749
of electrorepellents for **protecting orchards,** 069750
of economic indices in **plant protection.** 062468
Costs & returns of **plant protection** in horti- 062507
organization of **plant protection.** 062606
of agriculture & **plant protection.** 062936
fungicides applied in **plant protection.** 069384
Plant protection--environmental protection. 069754
Tasks of **plant protection** agronomists, agric- 069783
Tasks & organization of **plant protection** in 069784
Plant protection card for management, plan- 069785
drift damages with **plant protective** work, p- 069786
like beet culture & tasks of **plant protection** 069788
to problems caused by **plant protection.** 069801
Plant protection-environmental protection. 069811
Actual problems of **plant protection** in Popu- 069812
Plant protection in vegetable culture 1973. 069849
Plant protection in fruit culture 1973: guidel- 069850
Plant protection treatments as a way to dec- 069852
of crop rotation in **plant protection** against 069853
Development of **plant protection** research in 069855
Chemical products for **plant protection** in 1 069856
appraisal of realization of **plant protection** 069859
Plant protection, forest protection, nature c- 069860
Tasks of **plant protection** for years 1972-19 069861
to take by users of **plant protection** products 069896
Problems of **plant protection** in Siberia. 069900
Contribution of aviation. [**Plant protection**] 069922
organization of **plant protection.** 069924
Fight for high yields. [**Plant protection**]. 069925
Forecast for 1973. [**Plant protection**]. 069926
Problems of **plant protection** in Hungary. 069927
field crops, yields, **plant protection**]. 069928
of economic indices in **plant protection.** 069929
to take by users of **plant protection** products 070192
Plant protection in industrialized agricultur- 070311
quantity--regulations for **plant protection** m- 070694
Fertilizer & **plant protection** equipment. 071574
Plant protection-environmental protection. 072531
Plant protection, forest protection, nature c- 072576
Protection problems & suggested solutions 066514
take by users of plant **protection products** & 069896
of realization of plant **protection program** f- 069859
Quality control--**quality protection.** [Dairy i- 063071
Quality control--**quality protection.** [Milk i- 063148
Development of plant **protection research** in 069855
centers & national plant **protection service** 069783
in mountainous regions & **soil protection.** 072254
culture of grapes. 2. [**Protective structure**]. 068923
Sugar Beet on subject of **protection** of **sugar** 069838
Long-**term protective** action of benomyl soil 069508
Protect Thanasimus formicatus! [forest pests 070537
Plant **protection treatments** as a way to dec- 069852
Research on **wind protection** equipment for 068959
Winter protection for roses. 069186
Work protection & safety techniques in desi- 071470
drift damages with plant **protective work,** p- 069786

PROTEINASES
Aspergillus fumaricus 128-2--**acid proteinase** 067784
Alkaline proteinase from Cephalosporium sp 067657
*** 067659

PROTEINS
News on **proteins.** 063224
on hydrocarbons as new sources of **protein.** 063451
Reaction of fat peroxides with **protein.** 063463
Some patterns of **protein accumulation** in w- 068024
fractional composition of **proteins** in **bean** s- 068318
Excretion, plasma-**protein binding** & dosage 065369
Excretion, plasma-**protein binding** & dosage 065370
of relationship between **proteins** of **blood** se- 064490
between level of **protein-bound** iodine & rep- 064450
I. Total iodine & **protein-bound** iodine dete- 065212
by separation of **characteristical proteins** by 063981
Coat protein & symptom specification in to- 069707
titer of hemagglutinins in **complex protein** p- 065675
On effect of magnesium on **protein complex** 067718
on DNA, RNA & **protein composition** of th- 064414
transferrins & **protein composition** of blood 065149
Biologic adequacy of fish **protein concentrate** 063265
Testing Norsamin fish **protein concentrate** as 064764
of wheat-shorts with **protein concentrates.** 063229
Protein concentration & sources for finishing 064740
Influence of various **protein concentrations** 064755
Protein content & amino acid balance of y- 063266
Fat & **protein content** in fresh & stored milk 063538
for determining fat & **protein content** of milk 063575
urea on tissue & plasmatic **protein content** of 063596
for determining fat & **protein content** of milk 065673
Variation of **protein content** in stabilized in- 067142
accelerated determination of **protein content** 067378
from soluble nutrient & on **protein content** 067573
of volume concentration & **protein content** a- 068073
Variation in **protein content** of field peas. 068300
An investigation of **contractile protein** hypo- 067775
Prospects for non-**conventional protein** reso- 063447
New **corn protein** isolate: Nutritive, functio- 063234
Increasing amount of **protein** of **corn** with a- 067173
precipitation of **protein** from **cottonseed.** 063706
coefficient of heredity of **proteins** in **cow's** m- 065192
Effect of dietary **crude protein** level on inte- 064663
Comparative evaluation of **crude protein,** lys- 067879
Comparative study of **cytoplasm proteins** of 067719
Physiological effect of **protein deficiency** wi- 063277
measures on closing of **protein deficiency.** [064779
Effect of a **protein-deficient** diet on certain 064785
by maternal dietary **protein deprivation.** 064371
of bovine PPD [purified **protein derivative**] 065408
equipment on fat & **protein determination** in 063574
serum in relation to level of **protein diet,** age 064532
of changing concentration of **protein** in **diet** 064621
piglets effected by maternal **dietary protein** 064371
Zeranol & **dietary protein** level effects on li- 064413
Zeranol & **dietary protein** level effects on 064414
Zeranol & **dietary protein** level effects on li- 064735
Zeranol & **dietary protein** level effects on 064736
lupine: A uniquely **economical protein** source 064780
Protein electrophoresis as an aid to oat vari- 067975
Effect of **protein & energy** levels on nitrogen 064919
Determining **fat, protein** & lactose content of 063509
Carbohydrate-, **fat-, protein** metabolism & e- 064391
conditions. 2. Synthesis of **proteins** & **fatty** 064637
metabolism of sucrose by a cow **fed protein-** 064503
of plasma corticosterone of rats **fed proteins** 064638
to quality & quantity of **protein** in **feed** rati- 064534

Biologic adequacy of **fish protein** concentrate 063265
Testing Norsamin **fish protein** concentrate as 064764
market development of a **protein food.** 062772
casein by immobilized pepsi. [**Food proteins** 063388
Protein-fortified extruded food products. 063319
Electrophoresis of **protein fractions** from bo- 065030
Differences among **protein fractions** in vario- 068070
Isolation & properties of **protein franctions** 068273
methionine supplementation of **protein-free** 064904
improving quality of wheat **grain protein.** 068030
fertility levels & sorghum **grain protein.** 072094
cytochemical study of wound-**healing protein** 067552
thermostability of some **proteins** after **heat** 068183
It'll pay to shoot for **high protein** in your al- 064060
chlorophyll a-**holochromic protein.** 067752
Use of **protein hydrolysates** from slaughter 064761
of contractile **protein hypothesis** of phloem 067775
of certain nucleic acid & **protein inhibitors** 067756
New corn **protein isolate:** Nutritive, functio- 063234
Isolated protein from linseed meal. I. Nutrit- 063228
Preservation & storage of **leaf protein** prepa- 063760
Electrophoretic studies of **proteins** of **leaves** 068201
Zeranol & dietary **protein level** effects on li- 064413
Zeranol & dietary **protein level** effects on 064414
Effect of dietary crude **protein level** on inte- 064663
Zeranol & dietary **protein level** effects on li- 064735
Zeranol & dietary **protein level** effects on 064736
Effect of dietary crude **protein level** on inte- 065447
evaluation of crude **protein, lysine** & methio- 067879
On ability of **proteins** from **maize** leaves to 068004
Pulses & **protein malnutrition.** [Legumes]. 063220
function of ferritin. [**Mamals, proteins**]. 064280
animals, a source of **proteins** for **man:** What 064147
flours & oilseed, milk, & **marine protein** sup- 063127
troponin complex. [**Proteins, meat**]. 063640
Circular dichroism of a **membrane protein** of 067438
Energy & **protein metabolism** of pigs growi- 064287
Carbohydrate-, fat-, **protein metabolism** & e- 064391
biochemical indices of **protein metabolism** in 064452
Ribonucleic acid & **protein metabolism** in r- 064937
synthesis as a marker for **microbial protein** 064299
Electrophoretic analysis of **milk proteins** in 063480
Biosynthesis of **milk protein.** 064382
by lard at dissimilar levels of **milk proteins** 064591
On way to **milk protein** substitutes. [Calves, 064760
Electrophoretic analysis of **milk proteins** in 065376
Significance of **protein-mineral**-vitamin conc- 064789
digestibility of nutrients & **protein-mineral** 064884
changes in **proteins** during **morphogenesis** of 067706
of dietary energy on **protein needs** of growi- 064739
in molasses as NPN [**nonprotein-nitrogen**] 064853
antigenic composition of **proteins** in **normal** 067692
Nucleic acids & **nuclear proteins** of winter 067984
reference to evaluation of **protein nutrition** 063277
Aminoacid compositions of **oilseed protein.** 063789
Excretion, **plasma-protein** binding & dosage 065369
Excretion, **plasma-protein** binding & dosage 065370
doses of urea on tissue & **plasmatic protein** 063596
storage of leaf **protein preparations.** [Wheat 063760
in complex **protein preparations** with use of 065675
lipids on storage with **protein** in **presence** of 063454
Protein problem & ways to solve it. [Animal 064916
organic matter & **protein production** from g- 067919
control of bovine PPD [**purified protein** der- 065408
Protein quality of feed & food. 063232
of protein nutrition & **protein requirement.** 063277
Protein requirements of cows for lactation. 064694
Protein requirements of mares for lactation 064695
Protein requirements of growing animals. 064702
for non-conventional **protein resources.** 063447
in leaf cells & release of **protein** as a **result** 068442
Phosphorylation of **ribosomal protein** in Le- 067769
Production of **protein-rich** wheat by mutati- 067286
Electrophoresis of **serum proteins** on cellulo- 064279
Effect of corn silage on **serum proteins** in p- 064892
On dynamics of **serum proteins** in broilers 064894
Behaviour of rabbits blood **serum proteins** in 065955
routes to take during **protein shortage.** [Feed 064079
A uniquely economical **protein source.** [Catt- 064780
on various carbohydrate & **protein sources** in 064908
Change in **protein spectrum** of blood serum 065683
Dispersion state of **protein-stabilized** emulsi- 063400
Ecdysone-**stimulated protein** synthesis in lig- 070892
Synthesis of **storage proteins** in endosperm 067841
Glutenin-- **strength protein** of wheat flour. 063707
On way to milk **protein substitutes.** [Calves, 064760
safflower meal as a **protein supplement** for 064645
soybean meal as only **protein supplement** for 064653
milk, & marine **protein supplements.** 063127
as a marker for microbial **protein synthesis** 064299
changes in pattern of **protein synthesis** duri- 068110
Effects of **protein synthesis** inhibitors on ox- 068266
Protein synthesis in mitochondria from heal- 068282
in relation to ribosome & **protein synthesis.** 068390
Protein synthesis in mitochondria from heal- 069249
Ecdysone-stimulated **protein synthesis** in lig- 070892
Proteins synthesized in tobacco leaves infec- 069717
wheat embryo in vitro **protein synthesizing** 067910
study of **protein transformation** in old sper- 064937
sequestration of **protein** during **transport** in- 064323
An aspect of **protein turnover** of barley plant 068152
characteristics of **proteins** in **type** I adenovi- 065576
Proteins with an **unusual** solubility in saliva- 070757
turnover & synthesis of **proteins** from **urea** 064631
Protein value of by-products of wheat indus- 063229
Influence of **various protein** concentrations 064755
Effectiveness of **protein-vitamin**-mineral sup- 064838
components of wheat embryo in **vitro protein** 067910
Conformation changes of **proteins** of **wheat** 063780
Fractionation of **whey proteins** & casein of 063519
of N [nitrogen] fertilizer on **yield, protein** 068036

PROTEOLYTIC
urea on amylolytic & **proteolytic activities** of 067786
on **proteolysis** of **alphas**-casein by immobiliz- 063388
on **proteolysis** of **alphas**-casein by immobiliz- 063389
of wines prepared using **proteolytic enzyme** 063995
properties of **proteolytic enzyme** from buck- 067896
Ixodoides, Ixodidae). I. **Proteolytic enzyme** 071080
reserves & activity of **proteolytic enzymes** in 067894
Possible role of **proteolytic enzymes** in pat- 069382
A **proteolytic unit** for chymosin (rennin) act- 063521

PROTEUS
baby chicks with **Escherichia, Proteus** & Ae- 065496
position of **Obesumbacterium proteus,** a co- 063394

PROTHORACIC
SEE THORACIC

PROTOCHLOROPHYLLIDES
without accumulation of **protochlorophyllide** 068547
Protochlorophyllide holochrome. 3. Optical 067752

PROTONEMA
in enzyme samples of **protonema, moss** seed- 067436

PROTONS
Proton mobilities of liquids sorbed on cotton 063824

PROTOPLASM
Study of **protoplasm** in **view** of determining 063769

PROTOPLASTS
organization of **protoplast** in **Phylloxera**-res- 067042
Culture of **plant protoplasts.** [Tomatoes]. 066937

PROTOPORPHYRIN
Synthesis of **magnesium-protoporphyrin.** IX. 068096

PROTOZOA
content of carbohydrates. I. **Protozoa.** [Catt- 064625
emphasis on freshwater algae & **Protozoa.** 066825
Action of **certain antiprotozoal** compounds 065388
in Kazakhstan. [**Toxoplasmosis, Protozoa,** v- 065842

PROTURA
Five new species of **Protura form** Brazil. 071160

PRUNES
embryo sac development in **Italian Prune.** 068247
survey of Colorado apple, peach, **pear, prune** 072010
Prune roses in winter: Why not? [Rosa]. 069134

PRUNING
Scandinavian experiment in **pruning apple** t- 069155
Pruning dates for fruiting plum trees. 069143
Effect of direction of **pruning** on **formation** 069166
New aspects of **pruning** in **fruit** trees. 068917
Modern **fruit pruning.** 069087
Can **pruning** be **further** simplified? [Fruit]. 069158
Root pruning in nursery. [Pseudotsuga menz- 066387
Most **suitable pruning** of large-fruitet rose 069182
Effect of **summer pruning** on growth dynami- 068409

PRUNUS
self-incompatible varieties of some **Prunus.** 067060
other diseases on apriot (**Prunus armeniaca**) 069460
dehardening in tart cherry (**Prunus cerasus** l 068238
apricots, plums, cherries, **flowering prunus.** 069916
Origin of **Prunus incisa** Thunb. var. bukosan- 066668
defect in black cherry. [**Prunus serotina,** wo- 066563
Spread & control of **Prunus stem** pitting. 069842

PSELAPHIDAE
of Africa (**Coleoptera Pselaphidae**). 6. Descr- 071321

PSEUDALETIA
insecticides to paddy **cutworm, Pseudaletia** 070348
to paddy armyworms. [**Pseudaletia separata.** 070341
development of **Pseudaletia unipuncta** (Lepi- 070793
excretion by larvae of **Pseudaletia unipuncta** 070795

PSEUDOMONADACEAE
juncea Coss.) in Haryana. [**Xanthomonas**]. 069604
campanulatus. [**Xanthomonas amorphophalli** 069584
bacterial blight. [**Xanthomonas malvacearum**] 069600
Pohl.) caused by **Xanthomonas manihotis** (a- 069582
years in 1970 & 1971. [**Xanthomonas oryzae**] 069588
vulgaris) in India. [**Xanthomonas phaseoli,** k- 069585

PSEUDOMONAS
cancer in apricot trees. [**Pseudomonas**]. 069598
Pseudomonas allicola (Starr & Burkholder) 069594
agents: Bacillus **cereus, Pseudomonas** sp. & 063053
of bacterioses. [**Pseudomonas, Erwinia**]. 069591
of Carpathians [**Pseudomonas, Erwinia**]. 069592
properties of five **groups, Pseudomonas** I/II 063081
Nocardia & **Pseudomonas** from **soil.** 071906
cultivars. [**Pseudomonas solanacearum**]. 067298
resistance to **Pseudomonas solanacearum.** 069580
characteristics of **Pseudomonas stutzeri.** [So- 071717
dahliae, tobacco, **Pseudomonas syringae,** P. 069472

PSEUDOPEZIZA
SEE MOLLISIACEAE

PSEUDORABIES
of vaccines for control of **pseudorabies.** 065788
of virus of Aujeszky's disease. [**Pseudorabies**] 065874

PSEUDOSCORPIONS
SEE CHELONETHIDEA

PSEUDOTSUGA
western Washington. [**Pseudotsuga meniesii**] 071807
occidentalis, **Pseudotsuga menzi-** 070563
in Douglas-fir. [**Pseudotsuga menziesii**]. 066318
early field results. [**Pseudotsuga menziesii**]. 066319
pruning in nursery. [**Pseudotsuga menziesii,** 066387
requirements. [**Pseudotsuga menziesii,** Abies 068524
to bud activity. [**Pseudotsuga menziesii**]. 068576
in douglas-fir. [**Pseudotsuga menziesii**]. 068584
years 1966--1969. [**Pseudotsuga menziesii,** P- 070556
at time of planting. [**Pseudotsuga menziesii,** 072202

PSIDIUM
Responses of guava (**Psidium guajava** L.) to 068394

PSILA
Control of carrot rust fly (**Psila rosa** F.) in 070446

PSOCOPTERA
A collection of Psocidae (**Psocoptera**) from 071136
from Central Brazil (**Psocoptera**). 071361

PSORALEA
SEE LEGUMINOSAE

PSORERGATES
Psorergates glaucomys sp. n. (Acari: Psorer- 070618

PSYCHIDAE
Heylaerts 1881) (**Lepidoptera, Psychidae**). 071215
monilifera & astrella (**Lepidoptera, Psychid-e**) 071247

PSYCHROPHILIC
Studies on **psychrophilic spoilage** bacteria of 063081

PSYLLIDAE
Del Guercio) (Homoptera: **Psyllidae**). 070842
New species of **genus Psylla** (Homoptera, P- 071369

PSYLLIODES
large flea beetles (**Psylliodes chrysocephala**) 068043

PTERIDIUM
of asulam in bracken. [**Pteridium aquilinum**] 069953
Agropyron repens, **Pteridium aquilinum**]. 070037
with asulam. [**Pteridium aquilinum**]. 070059
carbohydrate ratios. [**Pteridium aquilinum**] 070073
in north of Scotland. [**Pteridium aquilinum**] 070074
of phosphorus by **Pteridium aquilinum.** 071871

PTERIDOPHYTA
in tetrads of spores of **Pteridophyta.** 066950

PTEROMALIDAE
Walk.) (**Hymenoptera, Pteromalidae**) in for- 070376
raptor (**Hymenoptera, Pteromalidae**). [Mus- 071106
of a hymenopterous **parasite, Pteromalus** pu- 070841

PTEROSTICHUS
maturity in males of **Pterostichus nigrita** f. 070853

PUBERTY
Hormonal triggering of **premature puberty** in 065133

PUBESCENCE
resistance to rusts & **glume pubescence** whe- 067268

PUCCINELLIA
salt tolerant plants. [**Puccinellia capillaris,** 072301

PUCCINIA
forms & heteroecism in **Puccinia agrophila.** 066985
of oats in Manitoba. [**Puccinia coronata,** Pu- 069278
rust of oats in U.S.S R. [**Puccinia coronata** 069416
ribonucleic acids. [**Puccinia coronata**]. 069476
disease spread. [Wheat, **Puccinia gramini** tri- 069308
Gene for low reaction to **puccinia graminis** t- 067116
L.). [Puccinia recondita, **Puccinia graminis**] 067268
Puccinia coronata, **Puccinia graminis**]. 069278
rye in Canada in 1972. [**Puccinia graminis**] 069287
Gene for low reaction to **puccinia graminis** t- 069306
L.). [Puccinia recondita, **Puccinia graminis**] 069345

barley varieties to rusts. [**Puccinia graminis,** 069370
uredospores of **Puccinia graminis** Pers. f. sp 069414
rust pathogen biotypes. [**Puccinia graminis** t- 069435
Effect of **Puccinia graminis** f. sp. Tritici on 069498
suspension for increasing **Puccinia graminis** 069505
of Melampsora lini & **Puccinia helianthi.** 067459
graminis, piccinia striformis, **puccinia hordei** 069370
mycelial suspension for **increasing Puccinia** 069505
indicus, Microtermes **obesi, Puccinia** triticina 069346
zonale] new to Poland. [**Puccinia pelargonii** 069443
derivatives for reaction to **Puccinia recondita** 067109
aestivum L.). [Puccinia **recondita, Puccinia** 067268
in Canada in 1972. [**Puccinia recondita**]. 069288
derivatives for reaction to **Puccinia recondita** 069303
aestivum L.). [Puccinia **recondita, Puccinia** 069345
resistance in Triicale. [**Puccinia recondita**]. 069372
Specificity of **Puccinia recondita** f. sp. tritici 069481
graminis, piccinia **striformis, puccinia** hordei 069370
new physiologic race of **Puccinia striiformis** 069534
Microtermes obesi, **Puccinia triticina,** 069346
in winter wheat varieties. [**Puccinia triticina** 069550
Microtermes obesi, **Puccinia triticina,** 070336
plant disease spread. [**Wheat, Puccinia** gram- 069308

PUCCINIASTRUM
Fuchsia rust. [**Pucciniastrum epilobii**, Uredo 069321

PUFF
Comparison of size of **puffs** of **homologous** l- 071040

PULICIDAE
Insecta, Siphonaptera). [**Xenopsylla cheopis** 071016

PULMONARY
Chronic pulmonary disease in horse. 065920
Dibiomycin therapy for **pulmonary diseases** 065987
Pulmonary helminthiasis in cattle according 065563
observations on **pulmonary oedema** of fatten- 065550

PULP
Gordon). 4. Individual fiber strength of **pulp** 066510
More attention to sugar **beet pulp.** [Feed]. 064089
of pectin methylasterase in **cacao pulp.** 063338
surface & specific volume of **cellulose pulp.** 066534
Semi-**commercial pulping** trial of abaca. 063415
A model of an optimal plan **concerning pulp** 066535
ratio & temperature. [Wood **pulp, cotton**]. 066521
method of spearating grape must **form pulp** 064027
regarding production of **fruit pulps.** 063923
acid on degradation of **pulp** by **hypochlorite** 066482
price fluctuation in paper & **pulp industry.** 066441
Studies on **Kraft pulps** from Japanese larch 066510
Effect of rot on **kraft pulp** yield & quality--a 066528
of use of banana waste for **paper pulp.** 064011
Perspectives in **pulp & paper** industry. 066508
study of bagasse & wheat **straw pulping** for 063371
liquor by active carbon. [Wood **pulp, sulfite**] 066459
production of bisulphite & acid **sulphite pulp** 066421
Semi-commercial **pulping trial** of abaca. 063415
lignin on in vitro digestibility of **wood pulp** 064738
waste liquor by active carbon. [**Wood pulp,** 066459
Place of **wood pulp** in package of future. 066509
order of addition of reactants. [**Wood pulp**] 066520
disulphide ratio & temperature. [**Wood pulp,** 066521
changes on drying. [**Wood, pulping**]. 066530
of an optimal plan concerning **pulp wood** su- 066535
yield pulping of bamboo. III. **Pulp yield** vis 063370
Effect of rot on kraft **pulp yield** & quality--a 066528

PULPWOOD
analysis of Wisconsin **aspen pulpwood** mark- 066443
Random length **pulpwood handling** in South 066419

PULSE
gram Cicer arietinum(Linn.) to **pulse beetle,** 070451
Fatty acids in **different pulses** produced & c- 063967
Pulses & protein malnutrition. [Legumes]. 063220

PUMPKINS
pepo L. cv. Black zucchini. [**Pumpkins**]. 068371
foveicollis Lucas, red **pumpkin beetle** (Cole- 071091

PUPAE
tuberous plants. I. On formation of **pupa** (n- 068400
a description of first-instar larvae & **pupae.** 071152
of thiotepa & tepa in **pupae & adults** of Cul- 070657
reserves of larvae & **pupae** of **angoumois** gra- 070884
Pupal color dimorphism & its environmental 070969
of green coloring in larvae & **pupae** of **Culex** 071008
determined by collection of **pupal exuviae.** 070768
Release of **native pupal** parasitoids of housef- 070604
Distinguishing features of **parasitized pupae** 070845
Larvae & **pupae** of **robber** flies from genus 071109

PUPPIES
SEE DOGS

PURCHASING
ratings & repeat purchase behavior. 062698
Contracting, purchasing, & distribution of s- 062752
or good & bad points of **direct purchasing.** 062754
Requirements for **purchasing & distribution** 062749
of milk production & **purchasing** in **Lodz** Pr- 062726
More on **pig purchasing.** 062750
Purchasing power indicators for agricultural 071615
for cooperative sale & **private purchase.** 062676
Purchase & sale prices in agriculture. 062766
conditions for **purchasing slaughter** livestock 062747
Production & **purchasing** of **sugar** beets acco- 062639

PUREBREDS
Polish **purebred Arab** horse & his influence 065072

PURIFICATION
Aspergillus clavatus: **Purification & amino** a- 067405
a multispecific **aminotransferase purified** fr- 068296
Ion exchange **purified anthocyanin** pigments 063953
in chicken: effect of **purified antibody** specif- 065530
yield in **purification** of **cytokinins.** Model-e- 067755
by a cow fed protein-free, **purified feed.** 064503
lime on efficiency of beet **juice purification.** 063816
of swine & ecology: **purification** of **liquid** wa- 072592
Research findings on **purification** of **milk** eff- 072495
Purification of **mouse** interferon by affinity 065584
Isolation & **partial purification** of protease f- 064243
Characterization & **partial purification** of a 070893
coenzyme A with a **partially purified** p-cou- 067912
method for **purification** of some **plant** viruses 069607
purification & some **properties.** 067442
Purification of a **protease** secreted by Colle- 069500
control of bovine PPD [**purified protein** der- 065408
of sludge from water **purification stations.** 072591
immunoprophylaxis with **purified vaccines.** 065746
excreta disposal & waste **water purification.** 072492

PURINES
with kinetin, 6-furfuryl-**amino-purine.** 067755

PYCNIDIUM
rot of ridge-gourd: a **pycnidial strain** of Mac- 069378

PYRALIDAE
kuehniella Zell (Lepidoptera: **Pyralidae**). 070846
Nomophila Hubner (Lepidoptera: **Pyralidae:** 071149
kuhniella Z. [**Lepidoptera Pyralidae**] as food 070849

PYRAUSTIDAE
Hubner (Lepidoptera: Pyralidae: **Pyraustinae**) 071149

PYRENOCHAETA
Effects of **pyrenochaeta lycopersici** infection 069241

PYRENOIDS
cultures of **Chlorella pyrenoidosa.** 067444

PYRENOMYCETE
of seven unitunicate **pyrenomycete asci.** 066951

PYRENOPHORA
chloride resistance of **Pyrenophora avenae.** 069262
resistance of **Pyrenophora avenae** to mercury 069263
Resistance to **Pyrenophora bromi** in bromeg- 069276

PYRETHRINS
toxicity of malathion & **pyrethrins** to **adults** 070338

PYRGOMORPHIDAE
Orthoptera: **Acridoidea, Pyrgomorphidae**) on 070825

PYRICULARIA
diseases & insect pests. [**Pyricularia oryzae,** 069296
of factor analysis. [**Pyricularia oryzae**]. 069462
factors of its occurrence. [**Pyricularia oryzae** 069556
diseases & insect pests. [**Pyricularia oryzae,** 070317

PYRIDINE
Pyridine nucleotide-dependent glucose dehy- 067630

PYROPHOSPHATES
Reaction products of **applied pyrophosphates** 072006

PYRRHOCORIDAE
cingulatus F. (Heteroptera: **Pyrrhocoridae**). 070243

PYRROLIZIDINE
Crobarbatine, a new **pyrrolizidine alkaloid** of 067571

PYRUS
of sclereids in **Pyrus communis.** Morphologi- 067035

PYRUVATES
of glycerate into **pyruvate** by **Chlorella** [fus- 067726
Pyruvate determination--a new method to m- 063544

PYTHIUM
cauliflower seedlings inflected by **Pythium.** 069333
thiadizole) in **controlling Pythium** damping 069332
in mating thalli of **Pythium sylvaticum** & P- 067092

QUAIL
food sources in eastern **bobwhite quail,** Coli- 070730
Quail pea mosaic virus: a new member of c- 069688

QUANTUM
Quantum output of primary act of energy fo- 067407

QUARTZ
orange staining & iodine **quartz fluorescent** 067016

QUATERNARY
of six sections of Late **Quaternary sediments** 066653

QUERCUS
SEE FAGACEAE

QUINACRINE
Differential quinacrine & giemsa staining of 066966

QUINCE
concerning leaf brown spot of **quince & pear** 069388

QUINIDINE
control of efficacy or **oral quinidine** sulfate 065918

QUINONE
for presence of **quinones** in **species** of Salvia 067812

RABBITS
Rational rearing of **rabbits;** Techniques of r- 064128
cavities in adenohypophysis of **rabbit.** 064306
relation to ribosome number. [**Rabbits**]. 064419
mouse & with Fasciola hepatica in **rabbit.** 065372
of slime from propionibacteria. [**Rabbits**]. 065531
substances similar to endotoxins. [**Rabbits**]. 065690
for controlling coccidiosis in **rabbits.** 065820
dependent muscular dystrophy in **rabbits.** 065949
on activity of enzymes of brain. [**Rabbits**]. 066064
reactions in Intratione poisoning. [**Rabbits**] 066075
on activity of enzymes of brain. [**Rabbits**]. 070739
coumestrol in sperm of **rabbits** after **alfalfa** 064588
feces of **rabbits** with or without **antibiotics** in 064627
Basic rabbit genetics. 064968
Behaviour of **rabbits blood** serum proteins in 065955
Treatment & control of **rabbit diseases.** II. 065466
Cuterebra myiasis in **domestic rabbits** (Oryc- 065540
on early development of **rabbit embryo.** 064979
efficiency in aged **female rabbits** given suppl- 065029
of creatine kinase in **rabbit** during **fetal** & n- 064291
abdominal pregnancy in a **hare found** out in 065041
Basic **rabbit genetics.** 064968
efficiency in aged female **rabbits given** suppl- 065029
farm complexes. [Cattle, **horses, rabbits**]. 064143
Industrialized rabbit raising. [Hungary]. 064165
guinea pig, hamster & **rabbit intestinal** epit- 064439
useful & comsumptive value of **hare meat.** 063638
Meat rabbit & its production. 064133
monophosphate site of **rabbit muscle** glycog- 064318
in phosphorylase b from **rabbit muscle** with 064365
Heat regulation of **newborn rabbits:** Some p- 064458
Chemical sympathectomy of **rabbit oviduct** 064443
to oxaloacetate. [Rat, guinea-**pig, rabbit**]. 064320
Industrialized **rabbit raising.** [Hungary]. 064165
Is your **rabbit rearing** profitable? 062339
of Yersinia enterocolitica. [**Swine, hares**]. 065892
Fertility & growth of **rabbits** of **White** New 065203
Rhythms of activity of **wild rabbit** & Mongo- 064581

RABIES
Guam **declared rabies** free. 065637
of minks against Aujeszky's **disease, rabies** 065693
Pre-**exposure rabies** immunization for veteri- 065411
of sheep to use of **inactivated rabies** vaccine 065897
Zoo-sanitary situation of **rabies** in **krakow** p- 065556
kotonkan viruses of **rabies serogroup** to some 070595

RACE
aggressive Peronospora tabacina **Adam race** 069418
Race composition of crown rust of oats in U 069416
On study of **race composition** of Phytophth- 069564
principles of radiation **race formation** in dip- 067342
Geographic races of Chilocorus bipustulatus 071103
Hybridization between **geographical races** of 070784
L.) cultivars to **race** T of **Helminthosporium** 069547
plant cell infected by an **incompatible race** 069464
induced by Helminthosporium **maydis race** 069501
sampling of Helminthosporium **maydis race** 069515
with Helminthosporium **maydis race** T. 069523
Physiologic races of Rhynchosporium secalis 069258
Identification of a new **physiologic race** of 069534
On **physiological races** of Verticillium dahli- 069405

RADIAL
Effect of dry summer 1971 on **radial growth** 068591

RADIANT
Radiant energy-induced-changes in bovine 063624

RADIATION
of cattle exposed to lethal gamma **radiation** 065611
Mutants of corn induced by **radiation.** 067189
of IKSS (Spectral intensity of **radiation**) by 068376
in gypsy moth eggs killed with **radiation.** [071082
Photosynthetically **active radiation** in a sta- 067751
Photosynthetically **active radiation** in a sta- 067753

of centers of major **adaptive radiation** in an- 066711
Radiation analysis in agricultural reseach & 062178
violet] & gamma **radiation** on some **beetroot** 064036
characteristics of **radiation chemistry** modify- 066494
of high doses of gamma-**radiation** in **cotton** 067372
upon modification of **radiation effect.** 067362
cobalt 60 gamma-**radiation** in **Helianthus** a- 068181
Radiation-induced tumorous outgrowths in 067798
Radiation-induced stimulation of pollen-tube 068584
of UV [ultraviolet] **radiation-induced** amino 069352
boryanum which modify **radiation injury** of 067581
stamen hairs at low **radiation levels:** finding 067299
boryanum which **modify radiation** injury of 067581
of chaining pinyon-juniper on **net radiation,** 066862
Radiation pasteurization of gulf shellfish. 063449
LET [**Radiation quality**] as a determinant of 067622
Quantitative principles of **radiation race** fo- 067342
L.) to presence of **radiation** of gamma-**rays.** 070605
Variability in **radiation received** by small pl- 067966
Features of **radiation regime** in crown of ap- 068335
pinyon-juniper on net **radiation, solar** radiat- 066862
On additive effect of varied **spectral radiati-n** 067715
species by beta-**radiation** of **strontium**-89. 069835

RADICALS
Action of fungicides; a **radical benzimidazole** 069328
additives on rate of **free radical** & char for- 063837
Content of **free radicals** in different parts of 067454
spin resonance] trapped **radical technique.** 063826

RADICLES
of soil surface on **radicle-entry** of surface-so- 068630
at juvenile age of inverted **radicle grafts** of 068592
cycocel induced inhibition of **radicle growth** 067452

RADIOACTIVITY
of different species of plants to **radioactivity** 067186
lines & hybrids of corn to **radioactivity.** [M- 067188
III. incorporation of **radioactive amino** acids 064785
Sensitivity to **radioactivity & appearance** of 067171
Use of C1402 [**radioactive carbon** dioxide] c- 068125
pattern of **radioactive compounds** & on scie- 067665
components of **radioactive contamination** in 072584
sensitivity to **radioactivity** in **different** phases 067174
of sensitivity to **radioactivity & induced** mut- 067178
Obtaining **radioactive mutations** of corn (Zea 067199
Form of **radioactive selenium** administered in 064293
Change of state & **specific radioactivity** of c- 067868

RADIOBIOLOGY
On theory of **radiobiological effect** of intens- 068181

RADIOISOTOPES
Series III. Part two **radioisotopes & coffee** 069210

RADIONUCLIDES
Translocation of **radionuclides** in **plants.** 067549

RADIOSENSITIVITY
level in wheat seeds & their **radiosensitivity** 068143
vulgaris] **radiosensitivity** during **division** cyc- 067801
rhythm in **radiosensitivity** of **Laspeyresia** p- 071005
Radiosensitizing property of butylated hydr- 070897
Seed radiosensitivity of some crops. [Veget- 068423
Radiosensitivity of **Shamouti** orange (Citrus 068467
determination of **radiosensitivity** of **various** 067803
On role of thiols in **radiosensitivity** of **wheat** 068141

RADISHES
Genotype-environment interaction. [**Radishes**] 067324
pigments, & sucrose translocation in **radish.** 068389
a sulfhydryl or carbonyl reagent. [**Radishes**] 068458
Cultivation of **radish** under **artificial** conditi- 068947
of self-encompatibility in **Japanese radish.** I- 068398

RAFFINOSE
of eight Fusarium species to **raffinose carbon** 067592
of **raffinose** by alpha-**galactosidase** of mold. 067660

RAIN
Response of slash pine to drainage & **rainfall.** 066308
of raingauge estimates of **areal rainfall.** 072427
Two **rainfall-characteristic** indices proposed 072446
in numerical analysis of **complex rain**-forest 066859
of peas under varying **rainfall conditions.** 069970
Effect of a few days of **rain** on **distribution** of 069581
Flood rains & erosion in Bega Valley -1971 072291
spring wheat as affected by **rain** during **post** 068687
Effect of **rainfall quantity** & distribution on 068910
erosion: Experiment with **rain simulator.** [S- 072299
God bless dew & **rain water.** [Orchids, cultu- 068938

RAINBOW
toxicity, & metabolic rate in **rainbow trout** 070682

RAISIN
An economist looks at **raisin & fresh** grape 062783

RAMBOUILLET
of Daglic & **Rambouillet** X **Daglic** (F1) cros- 064936
of birth weight in **Rambouillet lambs** under 065006

RAMBUTAN
Storage & handling of **rambutan** (Nephelium 063991

RAMS
acid & protein metabolism in **ram** (Ovis ari- 064937
on sexual activity of bulls & **rams.** 065180
controlling infectious epidydimitis in **rams.** 065768
Quality of **Askanian ram** progeny raised at 064898
body forms & live weights in **auction rams** of 064260
of metabolism in semen of **bulls, rams,** & bo- 065090
of productive qualities in **rams** of **different** c- 065152
Inflammation of urinary tract in **rams due** to 065946
Ram evaluation results on basis of thier own 065035
improved by Chuisk Semi-**finewool rams.** [K- 064928
Karnobat ewes with Merino **rcaucasian rams** 065190
Study on sialic acids of **ram's semen** at stor- 064971
Continuous production of **ram semen** in cour- 065126
tested Merino mutton **sheep rams** from Ge- 062768
of initial sexual inactivity in **young rams.** 064950

RAMULARIA
SEE MONILIACEAE

RANA
SEE FROGS

RANCHES
SEE FARMS

RANGELAND
Recreation potential of **Texas rangelands.** 062258
of Acacia hockii from **Ugandan rangeland** us- 070190

RANGES
Enlargement of **range** of **application** of spray 070114
Range behavior of Hereford, Hereford X Ho- 064418
Host **cell range** & growth characteristics of 065511
Host **cell range** of chlamydial infection in n- 065522
Interpretation of trend in **range condition** f- 068849
Short-**range credit** in agriculture. 062476
Forest-**range environmental** production anlyt- 066303
Callicera spinolae Rondani: **extended range.** 071176
Response of strawberry to a **range** of **foliage** 070087
pine needle miner in Colorado **front range.** 070561
semi-arid (Jaipur) & **Himalayan range** (Sim- 064396
et Lev. within Adzhar-**Imeretian Range** & A- 067007
Controlled burning for **range improvement.** 068799
Swine research at U. S. **Range Livestock** E- 064809
fields within **range** of 1-600 **Mhz.** 071063
Poroshiri-dake of Hidaka **mountain range,** 071251
raspberry plantations to a **range** of **residual** 070090

RANUNCULUS
of apospory in **Ranunculus auricomus** s. L. 067346
of species. [**Ranunculus frieseanus,** Dactylisg- 067899

RAPE
Haploid frequencies in Brassica napus. [**Ra-e**] 067097
problem of biological protection of **rape.** [C- 070376
Anticipated rape harvest: Experiment Stati- 068739
on some Brassica oilseed varieties. [**Bird ra-e,** 068422
seeds of Brassica oleracea L. [**Cabbage, rape**] 064037
of alachlor in winter **rape depending** on soil 070132
Studies on feeding of **extracted rape** seed m- 064639
sawfly attacking mustard & **rape** in **India.** [070326
assimilis Payk. [Winter **rape, insect** pests]. 070383
assimilis Payk. [Winter **rape, insect** pests]. 070384
Glyceridic structure of Canbra oil. [**Rape oil** 063786
imine treatment on seeds of **oil-rape.** 067069
Meligethes aeneus. [**Rape, pests**]. 070364
refining on oxidation stability of **rape-seed** o- 063856
Culture of **spring rape.** 068812
Weed control in **winter rape.** 070176
assimilis Payk.). on **winter rape.** 070382

RAPESEED
Flax & **rapeseed,** 1972. 063721
New technology for **rapeseed cakes.** [Feed]. 064088
Nutritive value of air-**classified rapeseed** fra- 064657
products of fatty acids in **heated rapeseed** oil 063862
Rapeseed meal versus soybean meal as only 064653
Rapeseed meal & rapeseed for pigs. 064674
of 5-vinyl-oxazolinathion-2. [**Rapeseed oil**]. 063848
content on stability of refined **rapeseed oil.** 063858
of some antioxidants in **rapeseed oil.** 063861
refining & deterioration of **rapeseed oil.** 063859
Improvement of **rapeseed oils** stability by tr- 063863
of four species of insects in **rapeseed stocks.** 070581
of wild oats in **rapeseed** with **trifluralin.** [Av- 070106
How to ensure high **winter rapeseed** yields 068667

RAPHANUS
of flowering time in **Raphanus sativus** L. II. 067324

RAPHIDIIDAE
Raphidioptera, **Raphidiidae, Raphidia** L.). 071232

RAPHIDIOPTERA
Subilla Navas (**Neuroptera, Raphidioptera,** 071232

RASPBERRIES
An unkown virus disease of **raspberry.** 069720
dichlobenil on blackcurrants & **raspberries.** 070091
Diptera, Cecidomyidae). [**Raspberries**]. 070475
gooseberries, **raspberries, apples** & pears. 070092
Byturus tomentosus **attacking raspberries.** 070441
high-quality **commercial raspberries.** 067254
Tolerance of **established raspberry** plantatio- 070090
Fighting raspberry leaf mites (Eriophyes gr- 070440
Pocahontas" new red **raspberry introductions** 068996
Fall bearing **red raspberries.** 069003
of particles of **raspberry ringspot** virus. 069651
Tolerance of **raspberries & strawberries** to r- 070089

RATIONS
Where can "**balanced ration**" be produced c- 064052
pellets, Triticale & ergot in **rations** for **beef** 064783
Effect of **castration, ration** & hormone impl- 064417
volatile fatty acids for beef **cattle rations.** 064849
maximal fat content in dariy **cattle rations** 064877
dust as a source of energy in **chick rations.** 064720
of addition of reserpine in **ration** of **chicks.** 064719
physical form of all-**concentrate rations** on 064662
Effect of **different rations** upon development 064905
Ration fed to cows affects horn flies.[Haem- 064707
substances are included in **feed ration.** 064449
quality & quantity of protein in **feed rations** 064534
Data processing in optimal **feed rationing** for 064723
substances are included in **feed ration.** 064748
Effect of structure of **feed rations** on digesti- 064884
Effect of various **feed rations** on rumen dige- 064889
quality & quantity of protein in **feed rations** 064891
Urea supplements in cattle **feed ration.** 064895
Effect of structure of **feed rations** for cows 064896
milled feed in high energy **feed rations** for f- 064915
content in monodiet type of **feed rations** for 064917
Effect of addition of urea to **feed ration** with 064921
Effect of structure of **feed rations** for cows 065349
effect of their inclusion into **feeding rations** 064493
determination of **rations** of **fertilizers.** 068147
High grain **ration finishing** can cause digest- 065922
no supplemental nitrogen in **finishing rations.** 064742
Determination of fluorine in **food rations** & 063450
High **grain ration** finishing can cause digest- 065922
Corn silage supplement, good **growing ration** 064833
amounts of fluorine in **rations** of **high**-yield 064749
Raising calves on **reduced rations** of whole 064832
cows fed corn silage **roughage rations.** 064653
Evaluation of corn & grain **sorghum rations** 064851

RATOON
Studies on response of **ratoon** of **sugarcane** 068041

RATS
on ATP & phosphocreatine in heart. [**Rats**] 064251
of sodium, potassium & chlorides in **rat.** 064256
on hypophyseal-testicular function. [**Rats**]. 064298
Vitamin A & bone metabolism in **rat.** 064436
malic enzyme & total liver lipid of **rat.** 064437
development of vitamin E deficiency in **rats** 064659
of feed intake on lipid metabolism of **rats.** 064786
on hypophyseal-testicular function. [**Rats**]. 065225
on development of Fasciola hepatica in **rats** 065473
infection (Chagas' disease) in mice & **rats.** 065894
with lower doses on blood picture of **rats.** 066026
of middle flow on blood picture of **rats.** 066027
doses on blood picture & mortality of **rats.** 066028
vulgaris) which inhibit growth of **rats.** 068273
of polychlorinated biphenyls (PCB) in **rats.** 070673
Calcium tolerance test in **rat according** to K- 064304
deposited in omentum of fasting **albino rats** 070740
Differences between **rats** & **chickens** in resp- 064445
Effect of zinc phosphide on **rat control** in s- 069908
states in thiamin-**deficient rats.** [Human nut- 063254
of plasma corticosterone of **rats fed** proteins 064638
content of various organs of **rats given** meth- 066076
of other fatty acids, in **growing rat.** 064294
mitochondria to oxaloacetate. [**Rat, guinea-p-** 064320
Zinc concentration in **rat hair** in zinc defici- 066010
Cholesterol turnover. [**Rats, human** nutrition 063231
on spermatogenesis in **immature rat.** 065034
growth in prenatally **irradiated rats.** I. Exp- 064374
of [carbon 14]lactate by **rat kidney** slices af- 066050
parameters of fractions of **rat liver** cells. III 064785
Argentine board plant with **rat material.** 066568
diet on nitrogen excretion in **rats** & **pigs.** 064904
somatic toxocara canis larvae in **white rats.** 065599
distal part of pectoral limb in **rat** of **Wistar** 066025

RAVINES
structures in Agra region of **Yamuna ravines** 072279

RAYS
SEE IRRADIATION

REACTIONS
tannins) with ferric salts. **Reaction** in **acidic** 063315
on conditioned **alimentary reaction** in cats 064248
Anaphylactoid reactions in Intratione poiso- 066075
ecosystems. I. Leaf **anatomical reactions.** 066916
by indirect fluorescent **antibody reaction.** [065374

phosphorylation **reaction associated** with ph- 068275
Reaction of bean varieties Phaseolus vulgaris 069736
Cellular **reactions caused** by subulurid & spi- 071079
Chemical reactions involved in deep fat fryi- 063384
Influence of alkali **concentration, reaction** t- 066520
Reaction of cotton cellulose with phosphorus 063838
Structural features inhibiting **cross-reaction** 067476
to their **reaction** upon **cytoplasmic** pollen st- 067389
mechanism in Lemna. II. **dark reaction** of s- 067758
nitrophenols on **deactivation reactions** in wa- 068271
from **reaction** of 1,3-**dichloropropene** & biol- 069810
note on 1972 survey & **differential reactions** 069283
mechanism of superoxide **dismutase reaction** 064325
of spleen infarcts & **encephalitic reactions** of 065654
Role played by electrical **excitation reaction** 068165
Reaction of fat peroxides with protein. 063463
of axial organs during **geotropic reaction** of 067403
of 2 types of **reaction** in **glycolate** formation 068354
Studies on **reaction of housefly** (Musca dom- 070605
Immobility reactions in domestic fowl (Gall- 064284
of adrenalin on **immobility reaction** in dome- 064425
Chemical **reactions involved** in deep fat fryi- 063384
Observations of **reaction kinetics** in relation 063327
Reaction of livestock body & air medium of 064143
Reactions of milk producers to Class I base 062622
Studies on **reaction norm** of idiotypes prese- 067084
of water development **operations--reaction.** 072437
Reduction & **oxidation reactions** in kraft liq- 066529
Photochemical smog & **ozone reactions.** [Po- 072481
Study on **phenolic reactions** of Nicotiana pl- 069469
insensitive **phosphorylation reaction** associa- 068275
of photosynthetic **phosphorylation reaction** 069660
anatomical & **photosynthetical reactions** of 066916
Water excess & **plant reaction.** 067593
Reaction products of applied pyrophosphates 072006
agent" derivatives for **reaction** to **Puccinia** r- 067109
Gene for low **reaction** to **puccinia** graminis t- 067116
agent" derivatives for **reaction** to **Puccinia** r- 069303
Gene for low **reaction** to **puccinia** graminis t- 069306
Reaction of resistant & susceptible sugar be- 069684
synthesis by ammoniacal **silver reaction** in 068360
of alkali concentration, **reaction time** & ord- 066520
cholesterol-acyl **transferase reaction** of bovi- 064453
Specificity of **tuberculin reaction** in cattle w- 065889
on mechanical properties of **reaction woods.** 066457

REAGENTS

to act as a sulfhydryl or **carbonyl reagent.** 068458

REARING

rearing of rabbits; Techniques of **rearing.** 064128
Open space for buffalo! [**Rearing**]. 064202
Nutrition of **artificially reared** lambs. 3. effe- 064614
Rearing of **beef** cattle in an enclosed enviro- 064157
Artificial diets for **rearing Brachmia** modicel- 071044
number one problem in **calf rearing?** 065664
technique of economic **cattle rearing.** 062391
of industrial young **cattle rearing.** 064866
Mechanization of beef **cattle rearing.** 071580
habitat conditions inside **rearing containers** 071002
Rearing & fattening young cattle on industr- 064153
Ultraviolet patterns on **rear** of **flowers:** basis 068407
control of trichophytosis in **rearing foxes.** 065566
of nine diets for **rearing Galleria** mellonella 070838
habitat conditions **inside rearing** containers 071002
development under **laboratory rearing.** 070896
with different fat content in **lamb rearing.** 064754
Nutrition of artificially **reared lambs.** 3. effe- 064614
Tortricidae). 1. Problems of **mass rearing** (c- 070268
Studies on **rearing method** of dairy cattle in 064712
Effect of **rearing methods** of young lambs, a- 064525
Biology & **rearing methods** of New Guinea 070873
control & management of **rearing nurseries** 062451
II. Feeding & **rearing** of **pheasant** chicks. 063286
methods for **rearing** of **Phlebotomus** in labo- 071009
of germ-free method of **pig rearing** in Poland 064163
Usefulness of Piglac in Artificial **pig rearing** 064901
to applied ethology in **rearing** of **pigs.** Form- 064489
to applied ethology in **rearing** of **pigs.** Form- 064491
Is your rabbit **rearing profitable?** 062339
Rational rearing of rabbits; Techniques of r- 064128
Methods for large-**scale rearing** of tobacco 071057
sheep husbandry--first time **sheep rearing** u- 064222
development of Acarus **siro reared** at three 070582
Profitability of **rearing young** bulls. 062559
Rearing of **young** dairy cattle for herd impr- 064189
of industry-like **youngstock rearing** in Rosto- 064216

RECAPTURE

SEE CAPTIVITY

RECEPTACLE

SEE RECEPTORS

RECEPTION

Reception of **samples** for chemico-toxicologi- 066035

RECEPTORS

A receptacle for **livestock** manure & urine. 071479

RECLAMATION

Science & desert control. [**Reclamation**]. 072278
for mechanizing **agricultural reclamation** op- 071590
Constructing land **reclamation canals** by exp- 071481
Chemical reclamation of intro-oasis moving 072321
state & outlook for **reclamation construction** 072404
General reclamation in Volga region. 072269
development of **land reclamation** work in m- 072288
Legal bases for use of newly **reclaimed lands** 066288
Reclamation & management of salt-affected 072256
deficiencies in hay from **reclaimed organic** s- 068206
Fertility of **reclaimed peat**-boggy soils as aff- 072175
results of soil-**reclamation research** on "syrt 072268
Soil **reclamation significance** of cultivated & 072273
Paspalum vaginatum, **Soil reclamation**]. 072301
crops. [Saline soils, alkali **soils, reclamation** 072280
development. [**Reclamation, soils**]. 072304
Reclamation of **Solonets** & saline lands in 072403

RECONNAISSANCE

Heterobasidiomycetes: a **reconnaissance.** III 066725
Heterobasidiomycetes: a **reconnaissance.** II- 066726
Detailed reconnaissance soil survey of Nan 071927
Reconnaissance soil survey of peninsular Th- 071929

RECONSTRUCTION

for new program of **rural reconstruction** in 063007
Trends in **reconstructing stalls** for dairy catt- 071430

RECORDS

Herd Improvement Association] **records.** 064123
Aphids of New Jersey, a few more **records** 071219
Louisiana. Vi. New & **additional records** of 070617
top poultry producers score **another record** 062816
Interesting Florida **butterfly records.** 071209
of new species & **records** of **Dima,** Penia, & 071294
A new **distribution record** for dwarf mistlet- 070182
New **records** of **fungi** from Himachal Prade- 069371
New **records** of **graminicolous** helminthospor- 069369
New **record** of **Heliothis** armigera Hubn. as 070343
Three new **host records** for dwarf mistletoes 070107
New **host record** of Atherigona naqvii Steys- 070345
Organizing **hydrological records** for rice irri- 072471
Some **records** of **insect** fauna of Gir forest, 071197
New **records** of **Microlepidoptera** for county 071182
New **records** of **Norwegian** syrphid flies Dip- 071273
actually felled: Austrian **periodical record** of 066171
Mechanization of **processing records** of labor 062448
Thysanoptera), with a **record** of two **species** 071295
New **records** of **spiders** from Norway. 071263
Records & taxonomic notes on plant disease 066647
fats, & oils to increase by **record volume** in 062778

RECREATION

Rights-of-way for **recreation.** [Land]. 062282
in land use planning for **recreation.** 062285
of national forests for **recreational** use. 066205
Landscaping for **recreational** use. 072527
value for agriculture, forestry & **recreation.** 072586
Forest in **adjacent recreational** area of indus- 066175
Animal husbandry in **recreational areas.** 064112
respect to forest as **dominating recreational** 066176
Forestry & **recreation** in **forest** need efficient 066218
modelling measure for **forestry, recreation** & 066173
woodlands to **recreation** in an **industrial** soc- 066097
Place of **recreation** in **land** use planning. 062283
Cooperative approach to **outdoor recreation** 072607
Recreation potential of Texas rangelands. 062258
of quantitative analysis on **recreation space.** 066209
Recreation & woodland owner. 066194

RECRUITMENT

for a new way of **recruiting** for **agriculture** in 062277

RECTUM

Canine urethro-**rectal fistulae.** [Dogs]. 065936

RECURRENT

for prevention of **recurrent prolapse** of vagi- 065255
Recurrent selection for specific combining a- 067112

RECYCLE

Recycling. 20. Study of colloidal phase of m- 063572

RED

physiological studies on parasitic **red alga** 067012
of chloroplast envelope of a **red alga.** Bangia 067032
physiological studies on parasitic **red alga** 067735
Growth of **American red** oak in Courriere-M- 066277
Fall **bearing red** raspberries. 069003
Red beech 1971. [Fagus sylvatica, managem- 066226
Some rheological properties of **red beets.** 064003
classification & evaluation of **red & blood** sa- 063040
Aftereffect of **red & blue** light on activity of 067998
Breeding program for **Bulgarian Red** cattle. 065188
Perfecting Polish **Red cattle** in Siemiatycze 065076
Breeding program for Bulgarian **Red cattle.** 065188
various compounds in resistant **citrus red** mi- 070421
Effects of **red clover** (Trifolium pratense var 064727
anthracnose resistance in **red clover.** [Kabat- 067114
Breeding of **red clover** & outlook for its cul- 067305
decapitation of first right leaf of **red clover** 067388
of appearance of polyploids in **red clover** (T- 067390
Cellulase in **red clover** exudates. 068124
Red clover culture. [East Germany]. 068760
Red clover seed culture in Perm Region. 068762
Agronomic techniques for **red clover** grown 068763
one-stage harvesting of **red clover.** 068792
Reko **red clover**--results of plant breeding a- 068839
Comparison of **red clover** & alsike clover in 068854
number of mowings on crop of **red clover.** 068875
anthracnose resistance in **red clover.** [Kabat- 069304
Prevention of anther mold in **red clover.** [B- 069445
Phaseolus multiflorus Lam. to **red clover** ne- 069736
ability to spread with seed of **red clover.** 069737
nematodes, Ditylenchus dipsaci. [**Red clover** 069905
Red clover seed yield in relation to phospho- 072120
Milkability of **Eastern Red** Pied cattle. II. 065170
Effect of **European red** mite, Panonychus u- 070423
with short-term irradiation by **far-red** & red 067872
malathion & vapona for control of **red flour** 070374
Glasshouse red spider mite. [Tetranychus ur- 070435
Olaf: a short-strawed, high yielding **hard red** 068773
Studies on Xanthophyceae of **Red Lake** Wet- 066753
term irradiation by far-red & **red light.** 067872
Effect of blue & **red light** on photophosphor- 068344
of prolamellar bodies in **red light** without a- 068547
of cucumber seedlings in blue & **red lights.** 068395
of Aulacophora foveicollis **Lucas, red** pumpk- 071091
prices, trade influence world **red meat** cons- 062669
Red meat industries diversified in state. [Pe- 062997
Effect of European **red mite,** Panonychus u- 070423
compounds in resistant citrus **red mites.** II. 070421
Growth of American **red oak** in Courriere-M- 066277
of eroded sloped land on **Red October** Colle- 072275
physiological studies on **parasitic red** alga 067012
Milkability of Eastern **Red Pied** cattle. II. 065170
Perfecting **Polish Red** cattle in Siemiatycze 065076
Aulacophora foveicollis Lucas, **red pumpkin** 071091
Fall bearing **red raspberries.** 069003
Pocahontas" new **red raspberry** introductions 068996
Reko red clover--results of plant breeding a- 068839
Scleroderris canker on **red & scots** pine in 069522
Control of **red sorrel** (Rumex acetosella) in 070219
Resistance of **red spider** mite, Tetranychus 070303
Glasshouse **red spider** mite. [Tetranychus ur- 070435
short-strawed, high yielding hard **red spring** 068773
"lakemont", "**Suffolk Red**" & "Cayuga Whi- 068997
Heat effect on fermentation of **red vintage;** 064009
volume losses in production of **red & white** f- 066546
white grapes be used in making of **red wine** 063980
on chromatic qualities of grapes & **red wines** 064020
Incomes, prices, trade influence **world red** 062669
to micronutrient application in **red-yellow** s- 072080

REDCEDAR

leaf & stem diseases of **redcedar & Arizona** 069518
white pine, sugar pine, **western redcedar,** & 066549

REDOX

Effect of cyanamids on ascorbic **acid-redox** 067834
metabolite levels & **redox & phosphorylation** 063254
Redox potential change in chloroplast susp- 068330

REDPEPPERS

in expanding leaves. [**Bush redpeppers,** mus- 068454

REDUCTASES

Factors inhibiting nitrate **reductase activity** 068006
characterization of nitrate **reductase activity** 068099
dinucleotide phosphate] **reductase derived** f- 067442
Histochemical location of **ketose-reductase** 064408
Mechanism of **nitrate reductase** reversible i- 067771
to assay of nitrate & **nitrate reductase** in pl- 067929
Induction of **nitrate reductase** in leaves of b- 068076
to assay of nitrate & **nitrate reductase** in pl- 068299

REDUCTION

Reducing amount of interrow soil loosening 070205
On feasibility of **reducing amount** of tillage 072315
Reducing amount of interrow soil loosening 072317
Spread of Fomes **annosus reduced** by heavy 069319
Cottonseed dressings for **reducing bacterial** 069600
Bacterial reduction of sulfates in soils of M- 071730
for budmite control to **reduce blossom** malfo- 070429
New vaccine is said to **reduce calf** scours by 065459
Problem of **reduction** of **cell** size during dia- 067014
Measures for **reducing damages** when using 069787
Measures for **reducing drift** damages with p- 069786
Reducing evapo-transpiration under dry land 071710
On effect of a **reduction** in **frequency** of feed 064786
irradiation of seeds on **reducing function** of 068140
correlated with a **reduction** of **Fusarium** wilt 069506
Influence of addition of **reduced glutathione** 065040
Can weed problems be **reduced** by **improving** 070018
On **reduction** of **interrow** tillage of potato c- 072325
in microbial activity & **iron reduction** in rhi- 068122
in paddy soils. 3. **Manganese reducing** micr- 071811
oxidizing & **reducing microorganisms** in soil 071908
Reduction of **Mn**(III)-pheophorbide in pres- 067576
Nitrate reduction by higher plant peroxidase 067597
Reduction in **number** of egg producers. 062824
Reduction & oxidation reactions in kraft liq- 066529
complexity & **oxidation-reduction** of iron by 068177
of **reduction & phosphorylation** during illum- 068277
overflow device for **pollution reduction.** 072616

Raising calves on **reduced rations** of whole 064832
Causes for **reduction** of **resistance** to brown 069550
Effect of **reduced soil** tillage in a three year 068905
fertility rate of sows when **reducing sucking** 065122
Reducing sugar content of potato tubers: eff- 069080
Dry offal **system reduces** water usage 500 g- 072499
on possibilities of **reducing tillage** & on effe- 072160
Reduction of **torsional** vibration in a rotary 071599
Dry offal system **reduces water** usage 500 g- 072499
dry peeling of cling peaches to **reduce water** 064017

REDUVIIDAE
of Zelus socius (Hemiptera: **Reduviidae**). 070778

REDWOOD
Academy--Lingnan **Dawn-Redwood** Expediti- 071298

REEFS
Vegetation of Hoskyn Island & **reef.** 066892

REFINING
Milling & **refining** of **chocolate** liquor. 063358
copper during **refining** & **deterioration** of ra- 063859
beet suppliers & sugar **refinery operations.** 062569
Influence of **refining** on **oxidation** stability of 063856
componebts of oils in **refining processes.** [Ol- 064038
content on stability of **refined rapeseed** oil. 063858

REFLEX
masturbation method & on **ejaculation reflex** 065182

REFLUX
Vesicoureteral reflux in dogs. 065908

REFORESTATION
disseminator: a new aid in **reforestation.** 066386
River in relation to their **reforestation.** 066404
of Styroblock **reforestation concept** in Briti- 066321
of forest ecology for **reforestation** at **high** al- 066396
Principles for **reforestation** of **inner** Alpine 066400

REFRACTOMETERS
by using a **manual refractometer.** 063600

REFRIGERATION
to be used in field without **refrigeration.** I. 065621

REGENERATION
Success of **artificial regeneration** of Scots pi- 066326
Regeneration of **calcium** metabolism in chic- 064592
wild hoofed animals on **forest regeneration** in 066111
effectiveness of **forest regeneration** in Querc- 066353
in intensification of **forest regeneration.** 066378
Regeneration of **growing** stock after selection 066341
Computes efficiency of **regenerative heat** tr- 063512
for furthering **natural regeneration** of Fagus 066330
A peculiar case of **natural regeneration** of c- 068556
application on **regeneration** of **natural** grass- 072077
L. & their role in **regeneration** by **shoots.** 068563
embryogenesis & **regeneration** of a **whole** pl- 068342

REGLONE
varieties of beans through use of **Reglone.** 069100

REGRESSION
occurrence, correlations & **regressions.** 067976
bread, with a generalized **regression analysis** 063762
On Problem of cultivation & **regression** of **fir.** 066357

REGULATION
protectives & possibilities for **regulation.** 069787
formation & **regulation** of **agregate** tips & s- 066990
kinetics, inhibition, & **regulation** by **auxins.** 068453
Calcium regulation by chick embryo; an exp- 064342
E2 in **regulation** of **contraction** of uterus. I. 065211
Regulation of **exocellular** proteases in Enur- 067433
Regulation of **exocellular** proteases in Neur- 067434
Federal regulation of strip mining. [Soils]. 062874
Regulation of **fees** for veterianarians within 065305
of forests subject to **forestry regulation.** 066276
Regulation of beta-**glucan** synthetase activity 068440
Regulation of beta-**glucan** synthetase activity 068441
Growth regulation. [Animals]. 064388
Regulation of **growth** of tobacco tissues with 067876
Ethylene & **regulation** of **growth** in pine. [P- 068519
Heat regulation of newborn rabbits: Some p- 064458
Hormonal regulation of development of ma- 064380
Hormonal regulation of physiological proces- 068484
Regulation of **lactic** acid in cheese & starters 063485
Legal regulation of work accidents in agricu- 062890
Metabolic regulation in senescing tobacco l- 068115
Metabolic regulation in senescing tobacco l- 068116
Regulation of **moulting** in insects. 070754
Mutual regulation of growth & development 067824
Regulation of **pathogenicity** of UV [ultravio- 069352
Photoperiodic regulation of temperature req- 070756
Water **regime regulation** as a factor of inten- 072439
properties & **regulation** of **repressible** phosp- 067759
Problem of biological **self-regulation** & plant 067836
Regulation of **sexual** cycle in cattle with chl- 065210
soil temperature **regulation system.** 071789
Regulation of **sythesis** of glutamate dehydro- 068286
A simplified soil **temperature regulation** sys- 071789
Regulation of **total** amount of color & conte- 063044
biosynthesis. Lvl. **Regulation** of **uridine** dip- 064328
Regulation of **water** soluble calcium in chee- 063486

REGULATORS
of synthetic growth **regulator alphachloro-be-** 067762
In vitro secretion of **growth regulators** by is- 067410
of antagonism & a few **growth regulators** on 067478
Aftereffect of **growth regulators** in physiolog- 067589
In vitro effects of some **growth regulators** in 067664
Influence of synthetic **growth regulator** alp- 067762
Role of light & **growth regulators** in opening 067766
Plant **growth regulators** as a pretreatment f- 067920
Glyphosine-a plant **growth regulator** for sug- 067921
results for nurserymen. [**Growth regulators,** 068222
treated with various **growth regulators.** 068224
Effect of various **growth regulator** sprays on 068226
Evaluation of several **growth regulators** on r- 068231
of Jiffy Grow & various **growth regulators** on 068232
germination with plant **growth regulators.** 068290
Chemical **growth regulators** for agriculture. 068351
Growth regulators stimulate ponderosa pine 068594
of some pesticides & **growth regulators** on 069822
Use of plant **growth regulators** in control of 069996
Effect of some plant **growth regulators** on s- 069997
Effect of plant **growth regulators** on domina- 070103
Genetic analysis of **regulator mutation** trp-2 067086
nurserymen. [Growth **regulators, ornamental** 068222
Effect of various growth **regulator sprays** on 068226
Growth **regulators stimulate** ponderosa pine 068594

REINDEER
indices of blood metabolism in **reindeer.** 064543
Administration of Rompun to **reindeer.** [Vet- 065350
Mastitis in **female reindeer.** 065821
for relationship between **Lapland reindeer** (064567
Survivability of **reindeer strains** of Brucella 065805

REINFORCEMENT
of steel-& glass-fibre **reinforced beams.** 066472

RELAPSE
of remission followed by a **relapse two years** 065915

RELAXATION
Temperature dependence of **stress relaxation** 066489

RENAL
reverin on diuresis & **renal excretion** of sodi- 064256
DDE: interference with **extra-renal** salt exc- 070681
Renal haemangioma in a dog. 065950

RENDZINA
Genetic study of same **rendzina soils** from 071739

RENNET
Measurement of **rennet coagulation** of milk 063529

RENNIN
A proteolytic unit for chymosin (**rennin**) act- 063521

RENTS
Changes in **farm rents** in Scotland 1971-72 062572

REPELLENTS
Laboratory evaluation of **tick repellents.** [O- 070614

REPRESSION
crassa. I. Induction & **repression** of **enzyme** 067433
regulation of **repressible phosphatases.** 067759
effect of **repression** of **photosynthesis** appar- 067843

REPRODUCTION
protein-bound iodine & **reproductive ability** 064450
Pied Lowland bulls. I. **Reproductive ability** 065043
Aspects of **reproduction** in **alfalfa** caterpiller 071012
field of biology of **reproduction** in **animals.** 065059
management on **reproduction** of **beef** cattle 065082
Reproductive behaviour of Orthetrum albist- 071047
Reproductive biology of Selaginella. I. Dete- 067767
organs of flight & **reproduction** in **bivoltine** 070833
their influence on **reproductive capacity** of c- 065044
of sows & their **reproductive capacity.** 065098
on their **reproduction capacity.** 065194
with reference to **reproduction capacity** in c- 065197
low temperatures. I I. **Reproduction** in **cell** 065475
effects of genes **controlling reproductive** pro- 067080
Problems related to **reproduction** of **cow** sto- 065116
activity during **reproductive cycle** in Schizo- 067634
Reproductive effeciency & viability in tow 065011
Reproductive efficiency in aged female rabbi- 065029
between vegetative & **reproductive events** in 067969
Expanded reproduction to intensify breeding 065117
setting process of **reproduction** in **factory.** I 071545
Incompatibility Parry. [**Reproductive failure** 066329
for intensifying of **reproduction** to **forest** sto- 066375
drying houses within **forest reproduction** pr- 066376
Behaviour & **reproductive functions** of anim- 064985
For **increased reproduction** of herd. [Artifici- 065164
Livestock reproduction; aspects of sex attra- 065088
tract during **reproduction** in **mammal.** 064552
On **mass reproduction** of Scolytus kirschi S- 070547
Reproduction of **Ooencyrtus** kuwanae Howa- 071082
Organizing reproduction in cooperation ass- 065129
Involution of **reproductive organs** & weight 064402
dominance & **reproductive performance** in l- 064566
var. S 23) on **reproductive performance** of s- 064727
of keeping on **reproduction performance** of 065118
development & **reproduction** of **Phosphuga** a- 071052
Reproductive physiology research at Univer- 065078
Planned reproduction & sanitation of cattle 064216
phosphatases from **posterior reproductive** sy- 070924
early weaning on **postpartum reproduction** of 065017
On intensification of **reproduction process** in 065193
houses within forest **reproduction process.** 066376
productionand **reproduction processes** & cen- 066291
of genes controlling **reproductive processes** 067080
of forest **productionand reproduction** proces- 066291
Aphelinidae). 1. **reproductive relations.** 070847
Reproduction of **salmonellosis** in swine by a- 065847
fecundity & **reproduction** in **sheep.** 065156
Preparation of **reproductive stages** of Ento- 070240
of dystocia on **subsequent reproduction** in b- 065013
from posterior **reproductive system** of female 070924
in industry-like **reproduction technologies** in 065128
of industry-like **reproduction technologies.** [065129
dosages of cycle starters on **th reproduction** 065124
Observations on **reproduction traits** of male 064946
Control of **reproduction** & of **undesirable** soc- 065033
plant during **reproductive** & **vegetative** grow- 068152
synthesis on **reproduction** of **virus** of Aujesz- 065874
Study of potato X-**virus reproduction** in call- 069659
of tobacco mosaic **virus reproduction** in X-ir- 069697

RESECTION
A case of **bilateral resection** of femoral small 065942

RESERPINE
on effect of addition of **reserpine** in **ration** of 064719

RESERVE
acids, of glucose & on **alkaline reserve** in T- 064244
Carbohydrates as **food reserves** in Prasinop- 067740
Sub-montane **forest reserves** in Sadecki Bes- 066117
of Muszkowicki Fagus **Forest Reserve.** 066119
Harvesting Picea cones in **forest reserves** & 066356
Hymenoptera) in Fagus **Forest Reserve** Mu- 071282
Soils in Muszkowicki Fagus **Forest Reserve** 071853
On **reserves** for **growth** of labor productivity 062372
On **reserves** for **improving** quality of winter 068707
Control of hydrolysis of **reserve materials** in 068120
Metabolic reserves of larvae & pupae of ang- 070884
Nature of **reserve Muszkowicki** Las Bukowy 066118
regeneration in Voronezh **Natural Reserve.** 066111
Mobilization of **nitrogen reserves** & activity 067894
Irrigated pastures--a **powerful reserve** of fod- 072384
Reserves for **raising** meat production in she- 065198
on chalk substartum in **reserve Tchorzyno** in 066887
Utilization of **timber reserves** of forests in e- 066230

RESERVOIRS
Artificisl reservoir destratification effects on 067873
lobata--a new **reservoir** of **cucumber** mosaic 069673
organisms of an **eutrophic reservoir** & their 066828
Cassia obtusifolia, a **possible reservoir** for i- 069483
Problems of lower Volga & **Volga reservoirs.** 072413

RESIDUES
in today's industry. [Feed **additives, residues**] 063077
Problems of **residue analysis** of biocides from 070689
determination of **arsenic residues** in/on rice 063193
trimethylammonium **chloride residues** in wh- 063036
Effect of toxicity of **crop residues** on followi- 069751
Residues of **dichlozolin** on vegetable substra- 070702
on carbaryl, DDT & **endosulfan residues** on 070450
organic chloride pesticide **residues existing** 063116
a better utilisation of **residues** in **forest** pro- 066237
Toxicity & **residue** of some **grain** fumigants 063046
Harvesting **logging residue** from a selectively 066506
On processing wine-**manufacture residues.** 064026
Residues--maximum quantities--tolerances. 063088
Problematics of **medicine residues** in foods of 063184
Level of **mercury residues** in horse kidneys 066504
Effect of **nitrogen residues** of fertilizers & of 072185
in dry period. 3. **persistent residues** of isoxa- 065422
Pesticide residues in food of animal origin in 063065
Study of **pesticide residues** in flour mill lab- 063091
Pesticide residues in total diet in Canada. I- 063158
Analytic problems of **pesticide residues.** [Fo- 063162
procedure to determine **pesticide residues** in 070687
Pesticide residues in food of animal origin in 070688
Study of **pesticide residues** in flour mill lab- 070696
Pesticide residues in total diet in Canada. I- 070721
Analytic problems of **pesticide residues.** [Fo- 070726
sanitary control. [**Pesticides, residues**]. 063205
Africa & Madagascar. [**Pesticides, residues**] 069803
sanitary control. [**Pesticides, residues**]. 070736
in soil & accumulation of **residues** in **potato** 070460
strawberries to **residues** of **pre**-planting cou- 070089
benzene hexachloride] **residues** in **raw** & po- 063209
Utilisation of **sawmill residue.** 066418
Residues of **simazin** in soil & in various org- 069939
Effect of root & **stubble residues** on soiil fer- 071728

in cellulose from **sugarcane residues** by adia- 063807
Residue tests in mill laboratories. [Grain pr- 063037
in flat storage with regard to **residue tests.** 063703
Residue tests in mill laboratories. [Grain pr- 070671
Thiram residues on salad treated with two c- 070700
Decay of **residues** of **vegetation,** & of pure c- 069987
Residues of **veterinary** drugs in milk, meat 063029

RESINS
on preparation of phenolic **resin bagasse** par- 066542
Resin base **compound** agglomerates of latex 066524
of neutral fraction of **oleoresin** of **Pinus** kor- 068531
Oleoresin quality analysis: fact or fancy. 066545

RESONANCE
Magnetic resonance studies on membrane & 063677
XVI. Synthesis, nuclear **magnetic resonance,** 066500
measured by ESR [electron **spin resonance**] 063826

RESORPTION
SEE ABSORPTION

RESPIRATION
of Bombyx mori. I. **Respiration** & **adenosine** 071407
Role of **anaerobic respiration** in adaptation 068599
rate of **respiration** in **bacteroids** of lupine n- 068168
Respiration in **barley** seeds treated with mu- 067913
Respiratory chain of plant mitochondria. XV 068265
anaesthesia with **controlled respiration** perf- 065291
prophylaxis of **respiratory diseases** in calves 065702
Formation of **respiratory enzyme** apparatus 068159
Respiratory fluctuations in durations of pha- 064276
on photosynthesis & **respiration** of **forest** tr- 068553
Mixed **respiratory infections.** [Poultry]. 065420
on photosynthesis & **respiration** of **leaves** of 068113
on **respiration** & **metabolism** of organic acids 068500
Selection of **respiratory mutants** of Neurosp- 067628
prophylaxis for **respiratory Mycoplasma** inf- 065481
coryza & **respiratory mycoplasmosis** in chic- 065724
Telemetrical examination of **respiration rate** 064578
Experimental studies on **respiratory rates** of 070990
Respiration of **sunflower** seeds during their 068002
Embryology of sheep. III. **respiratory syst-m,** 071520
Respiration of **tomatoes** in dependence on z- 068326
of infection in upper **respiratory tract** of ho- 065657

RESPIROMETRY
A **respirometer** for **determining** effect of pes- 070732

RESTIONACEAE
Vicarious species of **Restionaceae** in **Africa,** 066712

RESTORATION
prospective methods of **restoring** & **re**-cultiv- 072264

RESTRAINT
agents for **restraint** in **cystometry** in dog & 065217
Stock for **restraint** of **dog** during lymphatic 065218
wood under mechanical **restraint, influence** 066467

RESTRICTION
growth. 2. Influence of **feed restriction** & su- 064712
Effect of **restricted feeding** on laying hen. 064610
Restricted feeding of broiler type replaceme- 064730
muscle of chickens fed for a **restricted period.** 064623
of varying degrees of **water restriction** on di- 064404

RETARDANTS
Current status of **abscission retardants** & ac- 067905
Elemental analysis of flame-**retardant cotton** 063836
approach to flame-**retardant fabrics.** 063838
for evaluating durability of **fire-retardant** tr- 066552
phosphine]-amide **flame retardant** for high 063195
hardness, & detergents on **flame retardant.** 063197
in phosphorus-based **flame retardants.** [Fabr- 063840
hydroxide]-amide **flame retardant** to cotton 063841
hydroxide]-**flame retardant** in a continuous 063843
Evaluation of several **growth retardants** on 068228
its inhibition by plant **growth retardants.** 068324
Amo-1618 as a **growth retardant** of citrus se- 068363

RETARDATION
Influence of **growth retarding** substances on 068209
Retardation of **leaf** senescence in maize by 067917

RETENTION
Retention of **afterbirth** with reference to re- 065197
Treating cows for **afterbirth retention.** 065995
Oxytocin for **retention** of **afterbirth** in cows 066000
Isobar change in water-**retention capability** 071919
Use of viscosity & water **retention capacity** 063708
chlorophyll content & **chlorophyll retention** 067950
Retention of **liquids** in wood. 066502
Mechanical impedance & **moisture retention** 071762
Studies on **retention, penetration** & transloc- 070097
Retention & **removal** of 131I [Iodine] from 063095
Vitamin retention in bean products: cooked, 063954
of heat processing on **retention** of **vitamin** 063960

RETINA
invagination, a form of **retinal dysplasia** in 066011
of constitutents of **uvea** & **retina** in **man,** pr- 064338

RETRIEVAL
Ecological inventory & data **storage-retrieval** 066899

REVERSIBILITY
Reversible 2-**deoxy**-D-glucose effect of repre- 067843
of nitrate reductase **reversible inactivation** 067771
of green plants. I. **Reversible plastid** transfo- 067572

REVOLUTION
Agricultural change & **American revolution:** 062231
mobilise rural youth for **green revolution.** 062174
Green revolution: problems in wake of new 062899
Green revolution. [India]. 062902
Green Revolution in Spain. 3. 063011
A **revolution** in **manuring:** 1500 tons of fertil- 071516

RHAGOLETIS
pitfall for cherry pest. [**Rhagoletis cingulata** 070493

RHEOLOGY
Rheological analysis of curd formation. 063527
specificity on **rheological behavior** of dough 063698
Rheological behavior of molasses. 063715
between **rheological coefficients** & soil para- 071735
of stiffness & **rheological measurements** on 063763
relations in **measuring rheological** qualities 063851
Physical, rheological & chemical properties 063951
Rheological properties of syrups containing 063391
Rheological properties of semi-solid foodstuf- 063399
Some **rheological properties** of red beets. 064003
Rheological properties of emulsion viscoses. 066520
Rheological properties of emulsion viscoses. 066521
Rheology of **steel-**& glass-fibre reinforced b- 066472

RHEOMETERS
mixtures by means of **rheometer process** val- 063851

RHESUS
with lung mite lesions in a **rhesus monkey.** 070623

RHEUMATISM
Chronic **rheumatoid arthritis** in pigs associa- 065519
Rheumatoid arthritis in dog; survey of litera- 065665
gallisepticum by **rheumatoid factor**-like anti- 065523

RHINOPNEUMONITIS
equine herpes virus (**rhinopneumonitis virus**) 065424

RHINOTRACHEITIS
Diagnosis of infectious **bovine rhinotracheitis** 065373
survey of infectious **bovine rhinotracheitis** in 065670
cells with infectious **bovine rhinotracheitis** (065689

RHIPICEPHALUS
German strain of **Rhipicephalus sanguineus** 071081

RHIZOBIA
of some growth regulators in **Rhizobium.** 067664
Antifungal activity of **Rhizobium.** 069270
Note on effect of **rhizobium** [japonicum] in- 071800
Effect of mixing **Rhizobium japonicum** with 072101
activity & virulence of **Rhizobium melioti.** [071951
leguminous root nodules. [**Rhizobium, mung** 067325
on growth of **Rhizobium** from **peanut** (Arach- 068210
to lime pelleting of two **Rhizobium strains** 071744

RHIZOCTONIA
phaseoli (**Rhizoctonia bataticola**) from doffe- 069467
herbicide, Trifluralin, on **Rhizoctonia disease** 069504
formation in **Rhizoctonia solani.** 067764
stage of an isolate of **Rhizoctonia solani** fr- 069300
scurf disease of potato. [**Rhizoctonia solani**] 069358
black scurf of potatoes. [**Rhizoctonia solani,** 069552
to seedling disease. [**Rhizoctonia solani,** Ar- 069247
cellulolytic enzymes by **Rhizoctonia solani.** 069342

RHIZOID
Ultrastructure of **epihyphal rhizoids** in All- 066977

RHIZOMES
in Agropyron repens L. Beauv. **rhizomes.** 070103
on bracken frond number, **rhizome biability,** 070073
anatomy of **rhizomes** of some **Burmese** Curc- 067051

RHIZOPUS
caused by three species of **Rhizopus.** 069360
Rhisopus nigricans, **Rhizopus arrhizus,** cont- 069569
of aerial hyphae of **Rhizopus sexualis** (Smith 067026
compounds on fungi. [**Rhizopus stolonifer,** A- 067681
of spores of **Rhizopus stolonifer.** [Potatoes, 069353
in pathogenesis of **Rhizopus stolonifer** (Ehr- 069382

RHIZOSPHERE
activity & iron reduction in **rhizosphere.** 068122
of corn, & Azotobacter in **rhizosphere.** 068150
of fungi isolated from **rhizosphere** of **barley** 067698
by fungi isolated from **rhizosphere** of **barley** 068071
II. Significance of **rhizosphere** in **life** cycle 069601
depth, fertilization & **rhizosphere** of **winter** 071844

RHODNIUS
of corpus allatum in **Rhodnius proxlixus.** 070917

RHODODENDRON
of Leucothoe [catesbaei] & **Rhododendron** [068369
in azalea culture. [**Rhododendron hybrida**]. 071787

RHODOPHYCEAE
in Furcellaria fastigiata (**Rhodophyceae**). 067723
Kuetzing (**Rhodophyceae, Gigartinales**). 066800

RHODOTORULA
Breeding of **Rhodotorula glutinis** with an in- 067369

RHOPALOCERA
Notes on southern **African Rhopalocera** (Le- 071181

RHOPALOSIPHUM
by corn leaf **aphid, Rhopalosiphum** maidis 070315

RHUBARB
mosaic virus isolated from **rhubarb plants** in 069633
changes during cold storage of **rhubarb roots** 068323

RHUS
Control of poison ivy (**Rhus radicans**) in la- 070221

RHYNCHOSPORIUM
Physiologic races of **Rhynchosporium secalis** 069258
culture filtrates of **Rhynchosporium secalis** 069261

RHYTHM
Rhythms of **activity** of wild rabbit & Mongo- 064581
Studies on **activity rhythms** of Amsacta moo- 070882
Phase differences in **cardiac rhythm** of Locu- 070857
A **daily rhythm** in radiosensitivity of Laspey- 071005
Diurnal rhythm of egg laying, hatching of la- 071100
Nuclear interactions & **growth rhythms** of 066929
Adans.) according to its **growth rhythm** signs 068202
susceptibility in relation to **growth rhythm** 069748
Rhythm of **lengthening** of article of Taberna- 067484
state in diurnal & **seasonal rhythms.** 068560
Seasonal rhythm of feeding activity in milli- 071104

RIBONUCLEASE
microorganisms on **ribonuclease activity** in 068007
Ribonuclease activity of ribosomal fraction 068327
of porcine **pancreatic ribonuclease** & reinves- 064366

RIBONUCLEIC
control of precursor pools, **ribonucleic acid** 064426
Ribonucleic acid & protein metabolism in r- 064937
of erythrocytes adsorbed by **ribonucleic acid** 065381
for cytoplasmic ribosomal **ribonucleic acid** in 067333
acid-dependent **ribonucleic acid** polymerase 070899
Requirement for **ribonucleic acid** in a semi-s- 070940
chloroplast ribosomal **ribonucleic acids.** [Pu- 069476
Fraction of 70S **RNA** from **avian** myeloblas- 065428
labelled precursors into **chloroplast RNA** of 067777
irradiation on growth & **RNA content** of su- 068171
dietary protein level effects on **DNA, RNA** 064414
Cross-linking of **RNA induced** by ultraviolet 069651
tuber disease produced by **pathogenic RNA** 069712
An **RNA polymerase** from Drosophila. [Me- 070894
Degradation of **ribosomal RNA** during chic- 064324
chloroplast & cytoplasmic **ribosomal RNA** f- 067439
of effect of pollination on **ribosomal RNA,** t- 067916
oocytes: possible role of **RNA synthesis** in f- 070921

RIBONUCLEOPROTEINS
of amount of **ribonucleoproteins** of **tigroid** & 064459

RIBOSOMES
on cytoplasmic & **chloroplast ribosomal** rib- 069476
Genes for **cytoplasmic ribosomal** ribonucleic 067333
intact chloroplast & **cytoplasmic ribosomal** 067439
Ribonuclease activity of **ribosomal fraction** 068327
activity of nuclear & **ribosomal fractions** of 068144
Changes in quantity of **ribosomes** in **healthy** 069668
assay method & relation to **ribosome number.** 064419
Functional acitvity of **ribosomes** in **plants** a- 068167
Phosphorylation of **ribosomal protein** in Le- 067769
sativum L. in relation to **ribosome** & **protein** 068390
Degradation of **ribosomal RNA** during chic- 064324
of effect of pollination on **ribosomal RNA,** t- 067916

RIBULOSE
light activation of **ribulose diphosphate** carb- 067725
Presence of **ribulose** 1,5-**diphosphate** carbox- 067768
Ribulose diphosphate carboxylase--an enigma 067875

RICE
General review of drying process of **rice.** 2. 063728
attributes through gamma-irradiation in **rice** 067267
IRRI-6) by single plant selection. [**Rice**]. 067284
studies on utilization of hybrid vigor in **rice.** 067297
between Indica & Japonica varieties of **rice** 067366
on growth & uptake of nutrients by **rice** (O- 068058
of potassium & nitrogen nutrition of **rice:** ch- 068122
of nitrogen in Bangkhen paddy field. [**Rice**] 068156
of photoperiod on seasonal sowing in **rice.** II 068724

fungi & so-called suffocating disease of **rice.** 069297
treatments for weed control in **rice.** 069942
A new selective herbicide for **rice** S-(2-meth- 070002
Pseudaletia separata Walker. **[Rice].** 070348
Use of anhydrous ammonia in **rice** (Oryza s- 072076
Response of **rice** (Oryza sativa L.) to micro- 072080
of paddy (IR-8 & Jaya) to nitrogen. **[Rice].** 072081
yielding paddy in Sambalpur District. **[Rice** 072089
on time of application of nitrogen to **rice.** 072090
of nitrogen in Bangkhen paddy field. **[Rice]** 072191
in paddy field & its **absorption** by **rice** plant 067954
on mode of prevalence of **rice bacterial** leaf 069588
maize rough dwarf virus & **rice black**-streak- 069710
between host & pathogen in **rice blast** disea- 069462
phosphourus content of **bluebelle rice.** 068129
on growth & production of **Bluebelle rice.** 070207
phosphourus content of **bluebelle rice.** 072173
Stem rot of **rice** in **California.** [Sclerotium o- 069480
Utilization of arginine by **rice callus** tissue. 068154
on utilization of arginine in **rice callus** tissue 068157
Proliferation & properties of **rice cells** subcu- 066968
of meliorative condition of **rice checks.** 071451
of successive missing in **rice cultivation** with 068685
Inspections of **rice cultures** in Italy & Fran- 068747
factors upon productivity of **rice** at **different** 067939
of pesticides for control of **rice diseases** & i- 069296
leafhoppers in Taiwan. **[Rice, diseases,** tran- 070316
of pesticides for control of **rice diseases** & i- 070317
classification of so-called **dwarf rice.** I. Gro- 067296
Causal fungi of **rice ear** blighting & factors 069556
Particular problems of **rice** in **enlarged** Eur- 062859
Weed community in **fallow rice** field & its s- 070109
expulsion & ground water in **rice field** of Ti- 072469
Studies on **floatin rice.** III. Effects of raising 067945
Studies on **floating rice.** IV. Effects of raisi- 067946
studies in Oryza sativa L. **[Rice, genes].** 067270
yielding varieties of **rice** in West **Godavari** 068733
Response of **rice** to **graded** doses of phospho- 072085
Investigation on resistance of **green rice** leaf 070399
Mymaridae), an egg parasite of **green rice** l- 070402
of Echinochloa spp. in **rice** by **herbicide** Or- 070175
of sand, sawdust, rice straw, **rice hull** & wo- 063993
Direct & residual effect of **rice husk** on crop 072087
An **important rice** pest Thaia oryzivora Gha- 070371
Growing summer paddy. **[Rice, India].** 068743
month of sowing in a late-winter **indica rice** 068724
occurrence of empty grains of **indica rice** pl- 069774
On **irrigating rice** in lower Volga region. 072406
Optimum designing of **rice irrigation** checks 071452
hydrological records for **rice irrigation** syst- 072471
of nitrogen on fat content in **rice kernel.** 067944
dates on yield capacity of **rice** in **Kzyl-Orda** 068857
Investigation on resistance of green **rice leaf** 070399
an egg parasite of green **rice leafhopper** Ne- 070402
Isolation of chloroplasts from **rice leaves** us- 068155
culture improvement of **lowland rice.** CXIII. 067949
of some new insecticides on **major rice** pests 070668
On quality of defatted-**milled rice** with n-he- 063722
moth, Plutella xylostella L. & **rice moth,** Co- 070241
kinds of food on development of **rice moth** 070576
of genotypic relationships among **rice Oryza** 067119
growth rate of dry matter in **paddy rice.** 068175
An important **rice pest** Thaia oryzivora Gha- 070371
BHC at tropical temperature. **[Rice, pest** c- 070373
some new insecticides on major **rice pests &** 070668
Rice plan type under nearly ideal climatic c- 068674
pattern of organ development in **rice plant.** 066995
production & grain fertility of **rice plant.** 067943
growth of various leaf blades in **rice plant.** 067950
of growth & development of **rice plant.** I. Ef- 067951
to paddy field & its absorption by **rice plant** 067953
to paddy field & absorption by **rice plant.** 5. 067954
uptake of germanium by **rice plant.** [Phytot- 068153
of nitrate nitrogen fertilizer on **rice plant.** 068173
on growth & yield of **rice plant** in ill-drained 068174
On a new variety "inaba-wase" of **rice plant** 068842
uptake of germanium by **rice plant.** [Phytot- 069902
on growth & yield of **rice plant** in ill-drained 072461
of arsenic residues in/on **rice plants.** 063193
index & root activity of **rice plants.** 067941
of endogenous gibberellins in **rice plants** as 067947
Increasing level of resistance of **rice plants** 069248
of empty grains of indica **rice plants** in dry, 069774
A comparative study on **rice polishing** & wh- 064720
formation of embryoids from **rice pollen.** 068052
cancelling use of 2,4,5-T in **rice production.** 062586
Effect of over-vegetation on **rice production.** 068803
in western Laos. **[Rice production].** 068883
cancelling use of 2,4,5-T in **rice production.** 070209
in western Laos. **[Rice production].** 072477
Problem of **rice quality** in Spain. 063048
resistant varieties of rice at **rice research** st- 067283
Rice research in Fiji 1060--1970. IV. Long t- 068673
resistant varieties of rice at **rice research** st- 070355
Rice research in Fiji 1060--1970. IV. Long t- 072038
on balanced fertilisation of **rice--returns** Rs. 062503
borer resistant varieties of **rice** at **rice** resea- 067283
Effects of sand, **sawdust, rice** straw, rice hull 063993
Simple germination methods for **rice seed.** 2 068615
Theory & technique on **rice seedling** growing 068614
fertilissima on growth of **rice seedlings.** 068130
vigour & metabolic activities in **rice seeds.** 067914
Ecological studies on **rice stem** rot fungi. [069298
Effects of sand, sawdust, **rice straw,** rice hull 063993
Effect of **rice straw** application on greenhou- 068924
soil relative to application of **rice straw** & m- 071731
Transmission of **rice stripe** by small brown 069619
high yielding rice varieties & **traditional rice** 068779
Soil-plant nutrition studies on **tropical rice.** 068156
of new high yielding **rice varieties** & traditi- 068779
performance of dalua (rabi) **rice** in **various** c- 068732
pyrethrins to adults of **rice weevil,** Sitophilus 070338
its productivity in agriculture. **[Rice, wheat,** 062307
Studies on causes of **rice yeild** decrease resu- 068652
on production of new high **yielding rice** vari- 068779

RICINUS
in endosperm of **Ricinus communis** during g- 067828
tion in south of Ukraine. **[Ixodes ricinus].** 070632

RICKETS
pathogenesis of **rickets** in **chicks** in a comm- 065929

RIDGES
Charcoal rot of **ridge-gourd:** a pycnidial stra- 069378

RIGID
powder in preparation of **flexible, rigid** & e- 066523
Stiffness & strength of wooden **rigid frames** 066456

RINDERPEST
SEE BOVINE

RING
Barrel-ring planting. 069105
virilis. I. Interactions between **ring canal** ri- 070773
Catabolic ring-cleavage of tyrosine in plant 067779
decayed wood to facilitate **ring counts** & wi- 066305
Marasmius [oreades] **fairy rings:** lawn age 069554
Application of **milk ring** test in survey of br- 065497
Ring-opening-polymerization of lactide in w- 066493
cells in cambial zone in several **ring-porous** 066982
of leguminous hay. II. Study of **ring type** ro- 071683

RINGSPOT
Hydrangea caused by **hydrangea ringspot** vi- 069687
of particles of **raspberry ringspot** virus. 069651

RINGWORM
Control measures **against ringworm** of fur-b- 065869
measures for control of **ringworm** in **cattle.** 065773
investigations in **ringworm** of **cattle.** [Trich- 065859
prevention of **ringworm** of **cattle.** 065860
Agents of **ringworm** of **cattle** in areas of TF 065861
experience of eradication of **cattle ringworm** 065863
an effective agent against **cattle ringworm.** 065866
TF-130 preparation against **cattle ringworm** 065868
Region, Moldavian SSR. **[Ringworm, control]** 065864
Ringworm due to Microsporum canis in cats 065587
On experience of **ringworm eradication** on f- 065865
TF-130. **[Trichophyton, ringworm].** 065858

RIPENING
processes in hard cheese during **ripening.** 063549
properties of bananas during **ripening.** 063951
amino acids in grape juice during **ripening.** 064005
seeds during their formation & **ripening.** 068002
in bananas & their behavior during **ripening** 068359
gamma-aminobutyric **acid** during **ripening** of 063971
Ascorbic acid content of **artificially ripened** 063963
Processes of **ripening** in **case** of composting 072186
of polyploid cells in **ripening cotyledons** of 068390
of extremely early & early **ripening dates.** 069175
Breeding potatoes for **early ripening.** 067229
in quality, fruit size & **early ripening** for tab- 067255
Hormone content of **ripening grape** berries 068444
Meat ripening in plastic bags. 063585
in process of Indian **mustard ripening.** 067585
Postharvest ripening & degreening of banana 063990
Lipids of **ripening tomato** fruit & its mitoch- 068437

RIVERS
cucumber performance in **Arkansas River** V- 068953
to topoclimate in Boguchar **River basin.** 066324
erosion of soil in Zolkiewka **River Basin.** 072342
erosion control in Zolkiewka **River Basin.** 072343
management for Colorado **River Basin** pilot 072424
Characteristics of Zolkiewka **River Basin.** 072479
as related to topoclimate in **Boguchar River** 066324
management for **Colorado River** Basin pilot 072424
Quaternary sediments from Old **Crow River** 066653
trees in relation to soil in **Diniester River** r- 068478
system of sands of lower **Dnieper River** in r- 066404
in forest-steppe area of **Dnieper River** left b- 068867
system of sands of lower **Dnieper River** in r- 072474
in summer 1971 at lower **Inn river.** 070267
content of floodplain soils of **Ishim River** in 071837
some sandy soils of left bank of **Jiu River.** 071932
soils of different age in **River Khopra** sand t- 071842
of plants in estuary area of **Kuban River.** 066841
in forest-steppe area of Dnieper **River left** b- 068867
Battling for **river preservation** in Tennessee 072542
of macroinvertebrates of **Provo River,** Utah 071194
in relation to soil in Diniester **River region** 068478
Status of wild & **scenic rivers** system. 072540
an analysis as applied to Big **Sioux River.** 072595
Simuliidae by day & night in **River Stranda,** 070984
Status of wild & scenic **rivers system.** 072540
of macroinvertebrates of Provo **River, Utah** 071194
performance in Arkansas **River Valley,** 1968 068953
sediments from Old Crow **River, Yukon** Ter- 066653
increase of nitrate content in **river Zelivka.** 072453
Water erosion of soil in **Zolkiewka River** B- 072342
soil erosion control in **Zolkiewka River** Bas- 072343
Characteristics of **Zolkiewka River** Basin. 072479

ROADS
Computer **aided road** location. [Forests]. 066415
Cows: from pasture to parlour. **[Farm road]** 071421
speed of travel of vehicles on **field roads.** 071635
A basic variant of **forest road** investments. 066294
with liquid calcium chloride. **[Forest roads]** 066411
Forest roads in mountainous regions & soil 072254
Public grant for **motor roads** through forests 066260
field vegetable production on **road towards** i- 068985

ROBINIA
in W&st Virginia. **[Robinia pseudoacacia].** 066316

ROCK
Effectiveness of phosphate **rock applied** by 072127
by plants from different soil & **bed-rocks** in 071820
in blood plasma of White **Rock chickens** & 064558
alkaline balance in White **Rock chickens** & 064559
area of Lake Lugano & on **porphyritic rocks** 066896
macrophyte communities on **rocky shores** in 066885
Water & physical properties of **stripped roc-s** 071882

RODENTICIDES
chemical: **Rodenticides, herbicides,** fkngicides 066015

RODENTS
Rodent control in tropics. 069804
Hoplopleuridae) from **Indian rodents.** 071293
Ecology of **rodents** in **Tonga** Islands. [Crop 069867

ROOFS
Study on erecting **inflated roof** structures for 071444

ROOMS
Making **room** for **clematis.** 068968
Cold **storage rooms** for butchery. 063587
air into experimental cold **storage rooms.** 063936
during storage at **room temperature.** 063654

ROOTING
promoting substances. I. **Rooting activity** of 068574
growth regulators on **rooting** of three **azalea** 068231
growth regulators on **rooting** of **Cornus** flori- 068232
Relationship between **rooting** of **Dahlia** cutt- 068434
in auxin effect on **rooting** of **Douglas**-fir stem 068576
Rooting response of cuttings of several orn- 068224
of a hormone antagonist on **rooting** of **shoot** 068439

ROOTS
Roots. [Plant]. 067038
carbohydrates & their distribution in **roots.** 067402
Roots. [Plant]. 067830
leaf senescence index & **root activity** of rice 067941
of cation exchange between **root adsorption** 067555
content along tip of **root** during **ageing.** 068073
action on suckering from **aspen root** cuttings 068522
lomasome-like formations in **barley roots** in 068164
A cholinesterase from **bean roots** & its inhib- 068324
infected sweetpotato **bedding roots** on sprout 069882
of sucrose synthetase in sugar **beet roots.** 068161
Location of sugar **beet roots** relative to surf- 068869
Beet root has come to stay in Coimbatore. 072099
Cucumber **black root** rot caused by Phomop- 069237
atrazine & other herbicides in **bush root** pr- 069980
Chemosterlization of **cabbage root** fly under 070418
Cynipidae), a parasite of **cabbage root** fly 070520
to cell activity in discs of **carrot root** (Dauc- 066991
in carbohydrate constituents of **cassava root** 068392
Absorbing activity of **root** in **connection** with 067041
cutting & no aeration to **roots** on **contents** of 067547
Trichoderma for **controlling root** rot. [Fomes 069576
Geotropic curvatures in **roots** of **cress** (Lepi- 067020
yield of agricultural crops. III. **Root crops,** 068136
weed-killers for annual weeds in **root crops** 070123
cold storage of rhubarb **roots, cultivar** Victo- 068323
of tobacco roots. XI. Effect of **root-cutting** 067547
action on suckering from aspen **root cuttings** 068522
Watermelon **root development** affected by d- 069815
of wheat with parts of **roots** at **different** wat- 068078
Root distribution under some forest types n- 068533
active water exudation in **excised roots.** [Ma- 068057
Reciprocal effects between **root extracts** of 068150
Influence of **root exudates** on Orobanche se- 067874
cycloheximide on mitosis in Vicia **faba root** 068054
with early spring & late non-**root fertilizer** 072116
Chemosterlization of cabbage **root fly** under 070418
Cynipidae), a parasite of cabbage **root fly** 070520
of preparations for preserving **root freshness** 066402
of preparations for preserving **root freshness** 068605
of preparations for preserving **root freshness** 068607

Root function & soil. [Herbicides]. 069949
to question of damage caused by **fungal root** 069465
of Orthocide in controlling **Fusarium root** r- 069399
Echinatic acid from **roots** of **Glycyrrhiza** ma- 067530
On dry matter formation in **grape root** stoc- 068405
adenosinetriphosphatase] from **grass roots.** 068053
Biochemical characteristics of **roots** & **green** 067402
maize sprout endosperm during **root growth** 067894
of N-(Pyrid-2-yl)thiourea as **root growth** in- 068092
acid phosphatase in **root growth** zones of t- 068341
Influence of **high root** temperature on potas- 068375
Wind-**induced root** movements in forest trees 068534
Chemically **induced root** injury correlated w- 069506
overground parts & **roots** during **influence** of 068165
Chemically induced **root injury** correlated w- 069506
A **root inoculation** technique to screen pota- 069580
of hydrostatic pressure to **roots** of **intact** pe- 068431
Oxysporum vasinfectum] wilt-**root-knot** ne- 067115
soil fumigation on control of **root-knot** nema- 069761
on effects or reniform nematode, **root-knot** 069773
Chemical control of **root-knot** nematode on 069806
Field resistance to **root-knot** nematode in m- 069816
of temperatures on level of **root-knot** nemat- 069832
growth of premature **lateral roots** of cacao p- 067414
a nitrogenase component in **leguminous root** 067325
soil management on numbers of **root-lesion** 069768
Multiplication of **root lesion** nematode Prat- 069769
Fatures of growth of isolated **lupine root.** V. 068073
Root maggot--early summer threat to sugar- 070397
Effect of root position on **measured root** m- 068056
nematodes on Armillaria **mellea root** rot of 069525
root position on measured **root membrane** p- 068056
Effects of mitomycin-C on **root meristem** cel- 067275
on mitosis in Vicia faba **root-meristem** cells. 068054
silver reaction in **meristematic root** tip cells 068360
Ultrastructure of **root mitochondria** under c- 067045
Wind-induced **root movements** in forest trees 068534
root freshness on **root** & **mycorrhiza** develo- 068605
knot nematode & stubby-**root nematode** on 069773
component in leguminous **root nodules.** [Rhi- 067325
triphosphatase activities of **oat roots.** 068112
Production & marketing of **Panax roots** (gin- 062727
of damage caused by fungal **root parasites** to 069465
Arrangement of **roots** of **pear** trees in relati- 068478
Infection & deterioration of **Picea root** wood 069313
at low temperatures in zone of **plant roots.** 068006
Effect of **root position** on measured root m- 068056
of preparations for **preserving root** freshness 066402
Study of preparations for **preserving root** fr- 068605
of preparations for **preserving root** freshness 068607
[3H] thymidine utilization in **primary root** 068077
of plant growth. Zea mays **primary roots.** [068108
other herbicides in bush **root production.** 069980
Studies in **root-promoting** substances. I. Ro- 068574
Root pruning in nursery. [Pseudotsuga menz- 066387
Location of sugar beet **roots relative** to surf- 068869
stomatal behavior & **root resistance,** & hor- 068263
tons of fertilizers sold a day **"root return".** 071516
changes during cold storage of **rhubarb roots** 068323
Cucumber black **root rot** caused by Phomop- 069237
Seed rot & **root rot** complex of beans (Phas- 069251
Avocado growers beware of **root rot.** [Phyto- 069302
of fungicides for control of white **root rot** di- 069367
Orthocide in controlling Fusarium **root rot** 069399
nematodes on Armillaria mellea **root rot** of 069525
Root rot of ohia (Metrosideros collina subsp 069530
Root rot of spring wheat & test of antibioti- 069566
Trichoderma for controlling **root rot.** [Fomes 069576
nematodes on Armillaria mellea **root rot** of 069880
Wheat **root rots** occurring on nonirrigated l- 069409
Fungus associations in **root rots** of grand fir. 069524
a new chromone from **roots** of **Seseli** sessilif- 067493
of barley & its interaction with **root size.** 068047
oxidation-reduction of iron by **sorghum roots** 068177
on plant resistance to **root** & **stem** rot. [Fus- 069426
dry matter formation in grape **root stocks** in 068405
Effect of **root** & **stubble** residues on soiil fer- 071728
root-knot nematode & **stubby-root** nematode 069773
on growth dynamics of **roots** of **subtropical** 068409
treatment on growth of leaf & **root,** & **sugar** 067952
reductase activity in **roots** of **summer** wheat 068006
liberation of bleeding sap by **sunflower root** 067995
acid biosynthesis in **sweetpotato root** tissue 068455
of bleeding sap by sunflower **root system.** K- 067995
on size of absorbent surface of **root system** 068192
Factors influencing growth of **root system** of 068412
Root system formation & promotion of stam- 068592
Fertilizing properties of **root system** of yell- 072238
Root systems of squash, muskmelon, water- 066919
On structure of **root systems** of basic domin- 067004
Wireworms--enemy to sugarbeet **tap roots** & 070391
Influence of high **root temperature** on potas- 068375
gammaand neutron irradiation on **root-tip** ce- 067379
of alpha & beta glucosidase in **root tip.** [Co- 067915
silver reaction in meristematic **root tip** cells 068360
acid biosynthesis in sweetpotato **root tissue** 068455
on spontaneous fissures in **root tissues** of cr- 066918
of arctiine on germination, on **root tissues** & 067394
of potassium & sodium in **root tissues.** [Gou- 068482
Studies on growth of **tobacco roots.** XI. Effe- 067547
properties of beet topper in **root tracing.** 071703
slate growth substances for **treating roots** & 068403
water-absorbing capacity of apple **tree roots** 068382
Growing **tropical root** & tuber crops. 066716
constituents of cassava **root-tuber** (Manihot 068392
Watermelon root development affected by d- 069815
Wheat root rots occurring on nonirrigated l- 069409
of fungicides for control of **white root** rot di- 069367
Oxysporum vasinfectum] **wilt-root**-knot ne- 067115
deterioration of Picea **root wood** by Fomes 069313

ROOTSTOCKS

Armeniaca vulgaris Lam.) **rootstocks.** 068292
Apple rootstock studies: fifteen years' grow- 068973
Clonal **apple rootstocks:** present position. 069091
trees relative to **rootstocks** & **different** crown 068384
of tree nurseries with **graft rootstocks** for ro- 069015
of adhesion os scion & **rootstock** in **grape** p- 068495
of apple trees on poorly **growing rootstock** 068335
Effect of **rootstocks** & **interstocks** on nutrie- 068249
infected apple buds on **Spy** 227 **rootstock.** 068243
of seed culture of fruit **tree rootstocks.** 069066
of grapefruit on **various rootstocks** to Myco- 069513

ROSA

photosynthetic tissue culture cells. **[Rosa].** 068435
Prune roses in winter: Why not? **[Rosa].** 069134
study of some specimens of **Rosa canina** fr- 068494
on potato & Pratylenchus on **Rosa canina.** 069807
in detached leaves of **Hibiscus rosa-sinensis** 068289
pruning of large-fruitet rose **(Rosa pomifera** 069182
Verticillium dahliae wilt of **Rosa rugosa.** 069233
s take care of our roses. **[Tortricidae, Rosa]** 070417

ROSES

Roses which are not. [Ornamental plants, n- 066794
Alnus glutinosa f. **floribunda.** 066808
nurseries with graft rootstocks for **roses.** 069015
Winter protection for **roses.** 069186
Let's take care of our **roses.** [Tortricidae, R- 070417
Genetics of **rose,** an **allele** of white locus in 070912
deidation rate of 131Iodine **Rose bengale** & 064639
of development of generative **rose buds** of fl- 067009
Most suitable pruning of large-**fruitet rose** 069182
Echeveria **gracilis Rose.** 066651
Roses can be **planted** in autumn. 069086
Prune roses in winter: Why not? [Rosa]. 069134
Woron, in several kinds of **rose species.** 069562

ROSIN

Composition of neutral oils from **rosin.** 066484

ROT

Occurrence of **bacterial rot** of raya (Brassica 069604
Studies on banana **black rot** caused by Botr- 069294
Cucumber black root **rot caused** by Phomop- 069237
Charcoal rot of ridge-gourd: a pycnidial stra- 069378
influence of greenbugs on **charcoal rot** of so- 069557
of Calonectria crotalariae causing **collar rot** 069489
Seed rot & root **rot complex** of beans (Phas- 069251
Unrecorded **cylindrocarpon rot** of litchi from 069376
A stem end **rot disease** of snakegourd fruits 069310
for control of white root **rot disease** of temp- 069367
A new fruit **rot disease** of sweet orange caus- 069374
by white spot & **gray rot diseases.** 069833
A stem **end rot** disease of snakegourd fruits 069310
Causes of blossom-**end rot** of tomates based 069767
A new **fruit rot** disease of sweet orange caus- 069374
Ecological studies on rice stem **rot fungi.** [069298
Early Botrytis [cinerea] **rot** of **grapes** & its 069234
to strawberries by white spot & **gray rot** dis- 069833
Heart rot of black spruce in Ontario. I. stem 069274
Effect of **rot** on **kraft** pulp yield & quality--a 066528
Cucumber black **root rot** caused by Phomop- 069237
Seed rot & **root rot** complex of beans (Phas- 069251
Avocado growers beware of **root rot.** [Phyto- 069302
Orthocide in controlling Fusarium **root rot** 069399
nematodes on Armillaria mellea **root rot** of 069525
Root rot of ohia (Metrosideros collina subsp 069530
Root rot of spring wheat & test of antibioti- 069566
Trichoderma for controlling **root rot.** [Fomes 069576
nematodes on Armillaria mellea **root rot** of 069880
Seed rot & root rot complex of beans (Phas- 069251
Ecological studies on rice **stem rot** fungi. [069298
Study of occurrence & control of **stem rot** of 069326
Stem rot of rice in California. [Sclerotium o- 069480
rot of black spruce in Ontario. I. **stem rot,** 069274
Factors influencing **storage rot** of certain fru- 069360
Controlling **storage rot** of onion bulbs caused 069361
walls as factors affecting Phoma **storage rot** 069474

ROTARY

Fall-plowed, pre-plaintig & interrow **(rotary** 072326
of torsional vibration in a **rotary cultivator** 071599
moths. V. Test of large **rotary flasher** in vine 070426
of parameters of **self-propelled rotary** tiller. 071697
Rotary screening to remove bark & foliage 066507
Results of testing forest **soil rotary** tiller. 071624
Use of hydrostatic drive for **rotary tillers** of 071623

ROTATION

evaluation of cróps & **crop rotations.** 062497
Significance of correct **crop rotation** for inc- 068716
soil fertilization with maize in **crop rotation** 068851
Corn yield & quality in **crop rotations** with 068866
Productivity of field **crop rotations** in forest 068867
Effect of simplified **crop rotation** on crop pr- 068886
of three tests using four-**crop rotation** on sl- 068887
of different predecessors in a **crop rotating** 068888
Effect of **crop rotation** & monoculture on fe- 068890
Effect of **crop rotation** with different degrees 068891
of 10 year influence of four **crop rotation** wi- 068892
under catch crop culture in **crop rotation** un- 068894
of light soils & yields of **crop rotation** unit. 068895
indicator & crop yields in a **crop rotation** un- 068896
on yields of plants in **crop rotation** on sandy 068897
Crop rotation farming & dynamics of nutriti- 068899
soil tillage. II. Effect of **crop rotation** on p- 068900
in a three year period of **crop rotation** on c- 068905
Effect of **crop rotation** with differentiated q- 068907
Test results with **crop rotation** on different 068908
light soils under influence of **crop rotation.** 068909
distribution on crop yields in **crop rotated** l- 068910
Crop rotation as related to soil type & vari- 069847
Significance of **crop rotation** in plant protec- 069853
composition under various **crop rotation** on l- 070237
Crop rotation farming & dynamics of nutriti- 071962
of fertilizers in developed **crop rotation** syst- 072225
on yields of plants in **crop rotation** on sandy 072236
on yields of crops in **crop rotation** & proper- 072241
different systems of tillage in **crop rotation.** 072309
Kazakhstan with a sugar beet **crop rotation** 072326
of Stavropol' Region in field **crop rotations** 072329
in a three year period of **crop rotation** on c- 072340
Optical **rotatory dispersion** of sparteine alk- 067534
Rotation in **Eucalyptus** hybrid plantations. 066337
Crop **rotation farming** & dynamics of nutriti- 068899
On basic tillage in **irrigated rotation** of crops 072270
on crop yields in crop **rotated light** soils. 068910
Optical rotatory dispersion of sparteine alk- 067534
fertilizers in developed crop **rotation system** 072225
Rotations for no-**tillage** corn in Virginia. 068855
predecessors in a crop **rotating unit** on light 068888
catch crop culture in crop **rotation unit.** 068894
of light soils & yields of crop **rotation unit.** 068895
crop yields in a crop **rotation unit.** 068896
grown continuously & in two-**year rotation.** 072180

ROUGHAGE

Sunflower hull & **corn roughage** pellets, Trit- 064783
of feeding & quantities of **roughage** to **dairy** 064844
cows fed corn silage **roughage rations.** 064653
Roughage requirement of early-weaned calf. 064620
Roughage requirement of early weaned calv- 064646

ROUNDWORMS

Roundworms & tapeworms in Stockholm ca- 065649

RUBBER

policies & fertiliser use in **rubber cultivation** 062554
oil-extended natural **rubbers, evaluation** of t- 063420
use in west Malaysian **rubber holdings.** [He- 072178
of SMR [Standard **Malaysian Rubbers].** 063422
of SMR [Standard **Malaysian Rubbers**] sta- 063423
Ethrel stimulation on raw **rubber properties.** 063419
analysis of R.R.I.M. **[Rubber Research** Inst- 062555
R.R.I.M. **[Rubber Research** Institute of Ma- 069214
R.R.I.M. **[Rubber Research** Institute of Ma- 069222
its control under **rubber** in South **Thailand.** 070189
Further development towards a **tyre rubber.** 063421

RUBIACEAE

species of genus Galium **(Rubiaceae),** section 066652
Andes. [Araliaceae, **Styracaceae, Rubiaceae]** 066776

RUBIDIUM

Rubidium & potassium absorption by bean-l- 068432

RUBUS

Carpelloid stamens in **Rubus trivialis** Michx 066944

RUMEN

for microbial protein synthesis in **rumen.** 064299
of unsaturated fatty acids in **rumen.** [Sheep] 064315
of dorsal & ventral sack of **rumen.** 064553
studies on secretion of amino acids in **rumen** 064573
fatty acids after donor animals **(rumen-fluid** 064637
upon development of ciliates in **rumen.** [She- 064905
administered in **rumen** or **abomasum** of sheep 064293
polysaccharide of **rumen bacterium** eadie's o- 064301
size of concentrate on **rumen conditions** ass- 064661
incubation in presence of **rumen contents.** [064333
Change in properties of **rumen contents** & k- 064542
of various feed rations on **rumen digestion,** d- 064889
glucose & acetic acid by **rumen epithelium** of 064397
blood & ammonia in **rumen** during **feeding** 064920
composition of **rumen's microbial** population 064625
in carbohydrate of **rumen's microbial** popula- 064626
Ammonia formation in **rumen** of **sheep** fed 064841

RUMEX

influence on herbage productivity. **[Rumex]** 070071
Control of red sorrel **(Rumex acetosella)** in 070219
weeds. [Cirsium arvense, **Rumex, Agropyron** 070037

RUMINANTS
water-soluble digestion marker in **ruminants** 064416
to digestibility trials with **ruminants.** 064585
Zeranol) & feed components in **ruminants.** 064796
Vitamin B1 deficiency in **ruminants.** 065959
Abortion caused by cortisone. 1. **[Ruminants]** 066040
Abortion caused by cortisone. 2. **[Ruminants]** 066041
kinetics of amphetamine in **ruminant animal** 064300
sources for finishing **ruminants fed** high-con- 064740
Ruminant ketosis. I. primary ketosis. 065962
Studies on **lactating ruminants** using labelled 064632
fixed colonies of **ruminant Mycoplasma.** 065449
for propagation of **ruminant Mycoplasma.** 065451
in plans for domestication of **wild ruminants** 065321
a parasite of domestic & **wild ruminants.** 065582

RUMINATION
Adrenalin-**induced rumination** in sheep & go- 064521

RUNOFF
Chiseling liquid manure: no odor, no **runoff** 072055
of lower Volga & Volga reservoirs. **[Runoff]** 072413
Runoff characteristics of California streams 072467
Runoff control as a means of controlling soil 072277
Test of **runoff increase** due to precipitation 072424
Runoff & soil losses on Hagerstown dilty cl- 070148
Runoff & water erosion: Experiment with ra- 072299

RUPTURES
Rupture of bile duct in a dog. 066052
Rupture of common bile duct in dog: a case 066053
complicated by torsion & **rupture of uterus.** 065353

RURAL
Migration, poverty, & **rural** South. 062215
A new utilisation of **rural areas** in Italy: Agr- 062235
Tourism in **rural areas:** Something new? 062290
utlizing transport facilities in **rural areas.** 071588
Rural community & rural family in 1985. 062188
parturition from view of a **rural controll** ass- 065141
Rural credit in Queensland. 1. 062561
communication in **rural development** progr- 062166
in Iran & its role in **rural development.** 062263
welfare of weak. **[Rural development,** India] 062894
a better tomorrow. **[Rural development].** 062895
Rural development--a cooperative effort. [P- 062998
run research needs in **rural development.** 063004
of social & professional **rural environment** as 062207
Rural community & **rural family** in 1985. 062188
Suppression of slums. **[Rural housing].** 062201
1972 Balance. **[Rural housing,** Belgium, We- 062202
Speed-up of **rural industralization** in Taiwan 062976
Speed-up **rural industralization** in Taiwan. 2 062977
Impact of death duties on **rural industries** in 062482
Changing patterns in **rural Michigan** families 062190
How to **mobilise rural** youth for green revol- 062174
policies & social change. **[Rural population]** 062219
of countryside & its cost. **[Rural population** 062220
Rural poverty in Arizona. 062200
Knowledge of social & **professional rural** env- 062207
Specialized farm as symbol of **rural progress** 062436
for new program of **rural reconstruction** in 063007
Programs for **rural renovation** in 1973. 062931
report. Population-migration **reports, rural-** 062224
management problems of **rural settlements.** 062445
Rural sociology & agricultural policy. [Belg- 062208
Poverty dimensions of **rural-to-urban** migrat- 062224
A healthy frame as **rural workers?** [Legislat- 062996
How to mobilise **rural youth** for green revol- 062174

RUST
Performance of barley varieties to **rusts.** [P- 069370
mugo, a new host for comandra **blister rust.** 069512
Air-**borne rust** inoculum over western Cana- 069286
for reduction of resistance to **brown rust** in 069550
Control of **carrot rust** fly (Psila rosa F.) in 070446
Coffee rust. [Hemileia vastatrix, Hemileia c- 069542
on different aspects related with **coffee rust** 069543
Effects of natural infections of **crown rust &** 069278
Crown rust of oats in Canada in 1972. 069290
Race composition of **crown rust** of oats in U 069416
Control of carrot **rust fly** (Psila rosa F.) in 070446
Fuchsia rust. [Pucciniastrum epilobii, Uredo 069321
A species of **rust fungus** on Pelargonium [z- 069443
Monoterpene-**fusiform rust** relationships in 069488
of field resistance to **rusts & glume** pubesce- 067268
Effect of **rust infection** of oat leaves on cyto- 069476
Air-borne **rust inoculum** over western Cana- 069286
Leaf rust of wheat in Canada in 1972. [Pucc- 069288
Coffee **leaf rust** in Brazil. [Hemileia vastatr- 069322
Sources of adult **leaf rust** resistance in Triic- 069372
Studies on susceptibility to poplar **leaf rust** 069396
for revelation of wheat stem **rust pathogen** b- 069435
Monoterpene-fusiform **rust relationships** in 069488
f. sp. Atritici. [Wheat, **rust resistance].** 067109
Sources of adult leaf **rust resistance** in Triic- 069372
Sundak: a **rust-resistant** sunflower variety. 068772
natural infections of crown rust & **stem rust** 069278
of Tuberculina maxima on pine **stem rusts** in 069281
Stem rust of wheat, barley, & rye in Canada 069287
Stem rust of oats in Canada in 1972. 069289
strains for revelation of wheat **stem rust** pa- 069435
recondita f. sp. Atritici. **[Wheat, rust** resista- 067109

RUTABAGA
Fallen) (Diptera, Anthomyiidae). **[Rutabagas]** 070474
on varieties of swedes & turnips. **[Rutabagas]** 070476
Fallen) (Diptera, Anthomyiidae). **[Rutabagas]** 070978
on varieties of swedes & turnips. **[Rutabagas]** 070982
beets. XXVI. **Rutabagas & comparison** of yi- 062799
seed rutabagas, **& planted rutabagas.** 069081

RYE
for processing properties of **bread rye.** 063697
Stem rust of wheat, barley, **& rye** in **Canada** 069287
between wheat cytoplasm **& rye cell** nuclei 067370
DNA synthesis in **rye chromosomes.** 068014
time & depth of tilling for **rye & corn** on sa- 072331
of moisture in sandy soil under **rye culture.** 068901
Rheology of **rye doughs,** iI. Effects of enzy- 063698
Grades (standards) of wheat **& rye grain.** [F- 063156
Effect of winter **rye grown** in monoculture 068617
vetch-rye mixtures & puresown **rye grown** as 072162
of simplified growing of **rye** in **monoculture** 068889
Allium cepa & Secale cereale. **[Onions, rye]** 067292
of various cultivars of **perennial rye** grass af- 068207
Cytoembryological study of **rye plants** polli- 067039
enhancing seed germination. **[Rye, wheat].** 070018
Puma, a new cultivar of **winter rye.** 068637
Effect of **winter rye** grown in monoculture 071726
fertilization & rhizosphere of **winter rye** on 071844

RYEGRASS
Variations of **ryegrass cobalt** content. Invest- 067900
association with tetraploid **Italian ryegrass.** 070094
repens var. S 100) or **perennial ryegrass** (Lo- 064727
of NC 8438 between **ryegrass & weed** grass 070069
in crop from a **ryegrass--white** clover pasture 068208

SACCHARICOCCUS
against sugarcane **mealybug, Saccharicoccus** 070323

SACCHAROMYCES
Beta-fructosidase from **Saccharomyces** (Klu- 067837
metabolism of **Saccharomyces bayanus.** [Wi- 064022
factors in **Saccharomyces cerevisiae.** 067300
diploid yeasts. **[Saccharomyces ellipsoideus]** 067342

SACCHARUM
histolocigal features of **Acer saccharum** wood 066961
breaking of dormancy in **Acer saccharum** M- 068545
arundinacea Cry & **Saccharum munja** Roxb. 069381
note on occurrence of **Saccharum rufipilum** 066714
bibliography on **Saccharum spontaneum** 194 068650

SACKS
SEE BAGGING

SACS
Studies on persistent yolk **sac condition** in 065496
development of **embryo sac** in Withania so- 067019
Temperature, fruit set, **& embryo sac** develo- 068247

SAFETY
with special reference to its **safety** to **crop** 070135
Safe, effective & efficient utilisation of pesti- 070728
Horse **safety guidelines.** 064226
An update on product **safety legislation.** [F- 062917
Safe use of **pesticides,** twentieth report of 070748
Safety precautions for pesticide application 070727
Safety problems in forestry. 066259
Safety problems in agriculture. 071480
Safety rules & operation of a veterinary X-r- 065280
Work protection **& safety techniques** in desi- 071470

SAFFLOWER
acids by higher plant systems. **[Safflower].** 067909
on growth & mineral uptake in **safflower,** (068087
Decorticated safflower meal as a protein su- 064645
Safflower power. [Disease resistance, Alter- 069427

SAGITTARIA
SEE ALISMATACEAE

SAGO
Thermic processing of **artificial sago.** [Starc- 063796
Hygroscopic properties of **artificial sago.** [S- 063806

SAHIWAL
of some economic traits in **Sahiwal cows.** 065005

SAHLBERGELLA
Hemiptera: Miridae) **[Sahlbergella singularis,** 070247

SAINTPAULIA
SEE GESNERIACEAE

SALINITY
Response of cowpeas to **salinity &** (2-chloro- 068103
metabolism under conditions of **salinization.** 068487
of programs for treatment of data on **salinity.** 072442
for sanitation & culture of **saline** to **alkaline** 072259
Effect of **salinity** on some **Brassica** oilseed v- 068422
compounds in fungus **Dendryphiella salina.** 067667
metabolism in fungus **Dendryphiella salina.** 067730
Elodea canadensis, **Dunaliella salina].** 067580
Drip irrigation: how to **fight salinity.** [Calif- 072360
Effect of **salinity** on **germination** & growth of 067835
germination: reversal of **salinity induced** inh- 068316
Effect of **salinization** on **initial** phases of pl- 067996
Reclamation of Solonets **& saline lands** in 072403
Some results of **leaching saline** soils of Salsk 071883
Some effects of **salinity** on **plant** growth with 068050
elimination of **secondary salinization.** [Soils] 071833
Plant induced **soil salinity** patterns in two s- 071809
Leaching of heavy textured **saline soils** on 071712
Some results of leaching **saline soils** of Salsk 071883
Leaching of **saline soils** with different types 071884
lands yield bumper crops. **[Saline soils,** alka- 072280
Effect of **salinization** of **substrate** on content 068348
Leaching of heavy **textured saline** soils on 071712
Office of **Saline Water.** 072354
Utilization of **saline waters** for irrigation. 072369

SALIVARY
of saliva & gastric juice in sheep. III. **Saliva** 064555
with an unusual solubility in **salivary glands** 070757
of puffing activity in **salivary glands** of Dro- 071071
Parotid salivary secretion in sheep: its meas- 064476
Mechanism & control of **salivary secretion.** 070909
070910

SALIX
trees to temporary anaerobiosis. **[Salix alba,** 068599
clones in laboratory & field. **[Populus, Salix** 069782
Absorption of oxygen by **Salix wood** in relat- 068572

SALMONELLA
Sterilizing effects of iodophor on **Salmonella** 063187
On inoculating beef cattle with **Salmonella.** 065827
chicken egg in defense **against Salmonella** i- 065478
transfer. [Salmonella **canada, Salmonella** en- 065443
Salmonella cycles in foods with special refe- 063055
Occurrence of **salmonellas** on **hides** & fleeces 063042
Species of **Salmonella isolated** from swine on 065871
Salmonella in **market** poultry & poultry dre- 063159
Carrier-state of **Salmonella** in **men** & anima- 065560
Effect of processing on **Salmonella moulds** 063771
Salmonella occurrence in products of animal 063136
Use of O. And R **Salmonella phage-**test in l- 065551
of pulorosis in hens **[Salmonella pullorum].** 065888
detection of **Salmonellae** in **rendered** animal 063033
On study of **salmonellosis** in **sheep.** 065766
Reproduction of **salmonellosis** in **swine** by a- 065847
Survival of **Salmonella typhimurium** in ani- 065380
Survival of **Salmonella typhimurium** in ani- 072486

SALMONIDAE
Data on nutrition of **Salmonidae.** 064722
rate in rainbow trout **(Salmo gairdneri).** 070682

SALTATORIA
Bolivar, 1899 **(Saltatoria, Rhaphidophoridae** 071168

SALTBUSH
soil salinity patterns in two **saltbush** (Atripl- 071809

SALTS
ratio of wood-cement & added ratio of **salt** (066454
of curing periods & inorganic **salts added** on 066450
Reclamation & management of **salt-affected** 072256
Ammonium salts of fatty acids for milk pro- 064619
Use of **ammonium salts** in feeding chicks rai- 064750
of research on water **& salt balance** of impr- 071788
content in cotton leaves when **chloride salts** 067973
of livestock & poultry by **common salt.** 066060
rate of application of **common salt** & muriate 072104
with maneb in combination with **copper salts.** 069448
Examination of toxic effect of **copper salts** in 069749
Effect of **dilute salt** solutions on Chernozem 071796
efficacy of foliage applied herbidial **salts due** 069984
Non-specificity of **salt effects** on mg2+[ma- 068053
interference with extra-renal **salt excretion** 070681
of polyphenols (tannins) with **ferric salts.** R- 063315
in efficacy of foliage applied **herbidial salts** 069984
Effects of curing periods **& inorganic salts** a- 066450
On **salted land** maturation & alteration (yel- 063607
Recovery of **salt marsh** vegetation from succ- 069780
Effect of **modifier-salts** on properties of sug- 063803
Piperazine salt of Phenasal in cases of sheep 065777
Efficiency of various **pyranthel salts** in a cri- 065756
Field tests of **salt recovery** system for spent 063956
DDE: interference with extra-**renal salt** exc- 070681
to different concentrations of **salt** in **soils.** 067933
milk production. 3. effect of a **salt solution** 064619
in Fusarium in sterile **salt solutions.** 069495
Effect of dilute **salt solutions** on Chernozem 071796
formation in Fusarium in **sterile salt** solutio- 069495
Three **successful salt** tolerant plants. [Pucci- 072301
Salt tolerance of various poplar & willow sp- 069782
Three successful **salt tolerant** plants. [Pucci- 072301
Salt water intrusion in Summerside area, P 072533

SALVIA
presence of quinones in species of **Salvia** L. 067812

elaterium A. Rich., & **Salvia horminum** L. 066932

SAMBUCUS
On indian **Sambucus ebulus** (Sensu C.B. Cla- 066713
roll virus by seeds of **Sambucus racemosa** L 069722

SAMPLING
processing of plants. I. **Sampling.** [Minor el- 067741
Chronic catheter in pig ear. [**blood sampling** 065281
Green **density sampling** in sawlog scaling. 066200
Optimization of **sampling** for **determining** w- 071791
Sampling of **goods** kept in sacks & in flat st- 063703
A **sampling plan** for studies on population d- 070794
Sampling populations of western spruce bu- 070563
Sampling procedures & their application to 066223
with multiway cock for **rational sampling** of 063984
Sampling for **soil** nitrogen changes in large 071765
Spore sampling of Helminthosporium maydis 069515

SAND
Net photosynthesis of Cladonia mitis (**Sand.** 067560
Effect of fertilizers on a very **acid sandy** soi- 072177
Two new **sand bees** from Ukraine & Hunga- 071248
of agricultural forage crops on **brown sandy** 068907
leaf vegetables grown in **sand culture** & vari- 068313
Studies on some **deep sandy** soils in Cape Y- 071742
Studies on some **deep sandy** soils in Cape Y- 071743
of biogeocenologic study of **sandy-desert** ter- 066873
Nearctic **desert sand** dune Orthoptera. XIV. 071195
of biogeocenologic study of **sandy-desert** ter- 071829
Nearctic desert **sand dune** Orthoptera. XIV. 071195
on phosphorus nutrition of two **sand dune** c- 072113
soils of different age in River **Khopra sand** t- 071842
of improving utilization of **sandy lands** of l- 072274
of grapes & red wines in **sands** on **left** bank 064020
fertilizers on wheat, on **sands** of **left** bank of 072206
Heterodera rostochiensis, in **sandy loam,** by 069758
rice husk on crop growth on a **sandy loam** s- 072087
Elevation of fertility on sandy & **sandy loam** 072246
Hydrological system of **sands** of **lower** Dnie- 066404
of sour cherry varieties for **sands** of **Oltenia** 069164
Elevation of fertility on **sandy** & **sandy** loam 072246
Effects of **sand, sawdust,** rice straw, rice hull 063993
Effect of inter cropping on some **sandy soil** 068896
on dynamics of moisture in **sandy soil** under 068901
forage crops on brown **sandy soil** fertility in- 068907
on dynamics of moisture in **sandy soil** under 071963
system of yellow forage lupine in **sandy soil** 072238
Dynamics of moisture in **sandy soils** under 068894
of plants in crop rotation on **sandy soils.** 068897
forage production in farms with **sandy soils.** 068904
Use of sugar beet herbicides on **sandy soils.** 069960
Segura plain: Formation of **sandy soils** in S- 071738
Studies on some deep **sandy soils** in Cape Y- 071742
Studies on some deep **sandy soils** in Cape Y- 071743
characterization of some **sandy soils** of left 071932
potassium status of **sandy soils.** 072005
of fertilizers on a very acid **sandy soils.** 072177
of cucumbers growing in **sandy soils** under i- 072207
of plants in crop rotation on **sandy soils.** 072236
fertility indicator on **sandy soils** of diluvial 072237
improvement of properties of **sandy soils.** 072242
of deep tillage on properties of **sandy soils** 072341
main peach varieties in **sands** of **southern** O- 069165
peach trees, cultivated on **sands** of **southern** 069561
different age in River Khopra **sand terraces** 071842
for rye & corn on **sands** of **Timburesti.** 072331
to knowledge of entomofauna of **sandy zone** 071354

SANDWICH
Bases of stress properties in **sandwich boar-s.** 066438

SANITATION
Planned reproduction & **sanitation** of **cattle** 064216
Sanitary conditions in twelve fluid milk pro- 063128
Veterinary & **sanitary control** in poultry dre- 063203
tasks before veterinary & **sanitary control.** 063205
Veterinary & **sanitary control** of scalding of 063668
Veterinary & **sanitary control** in poultry dre- 065325
tasks before veterinary & **sanitary control.** 070736
Study device for **sanitation** & **culture** of sali- 072259
Sanitation & **Food** & Drug Administration. 063119
to tasks of Veterinary **Sanitary Inspection.** 065271
Livestock sanitation in Thailand. 065259
Sanitation of **potato** from viral diseases by 069662
Principal sanitary problems in relation to h- 065242
Planning of **sanitation program** for poultry. 065223
Hygiene & **sanitation** in **retail** butcher shops 063137
milk, as well as in udder **sanitation services** 063575
Zoo-sanitary situation of rabies in krakow p- 065556
Sanitary status of forests in Upper Silesian 066137
Effectiveness of **sanitary-zoohygienic** conditi- 065343

SANTALUM
A hypotensive agent in **Santalum ellipticum** 067774

SAP
processes during liberation of **bleeding sap** 067995
posts preservation by **sap-displacement** met- 066488
on infective properties of **sap** from **tobacco** l- 069725
as related to sorbitol levels in **tree sap** & to 068251
of gibberellin in flower buds & **xylem sap** & 067669

SAPINDACEAE
of rambutan (**Nephelium lappaceum** L.). 063991

SAPOGENINS
Steroid sapogenins of Tribulus terrestris. 067527
A new **steroid sapogenin** from Allium gigant- 067528
Steroidal sapogenins of Dioscoreaceae. 067791

SAPONIFICATION
Concentration of **unsaponifiable matter** in oi- 064090

SAPONINS
hederacaucaside B, a **saponin** from **Hedera** 067531
Kalopanax saponin b from Hedera caucasig- 067529

SAPROLEGNIACEAE
Uptake of amino acids by **Saprolegnia.** 067708

SAPROPHYTIC
Competitive **saprophytic ability** of Fusarium 069494
Saprophytic activities of Fusarium oxyspor- 069256
Competitive **saprophytic colonization** by Fu- 069254

SAPWOOD
Water storage of Scots **pine sapwood** in con- 066503

SARCOMA
On detection of **Rous sarcoma** virus-neutral- 065579

SARCOPHAGA
muscle myofibrils from **blowfly, Sarcophaga** 070803
muscle myosin from **blowfly, Sarcophaga** bul- 070804
squalene biosynthesis in **Sarcophaga bullata** 070890

SARCOPHAGIDAE
on Diptera (**Sarcophagidae, Calliphorinae**) f- 071358
Diptera: **Sarcophagidae, Calliphorinae**), with 071359

SARCOSPORIDIA
slaughter house in 1967--71. [**Sarcosporidia**] 065564

SARCOSPORIDIOSIS
Sarcosporidiosis in **Philippine** carabaos. 065601

SATIATION
reaction in cats under **food-satiation** & food 064248

SATSUMA
loss during curing of **Satsuma mandarin.** 063970
V. On CA-storage of **Satsuma orange** used f- 063968
Late-varieties of **Satsuma orange.** 068921
of chemical thinning in **Satsuma orange.** III 068958
wind-speed in drying of **Satsuma oranges.** [063973

SATURATION
variabilis Say. at near **saturation** (Acarina : 070752
strongly acid soils & in **aluminum-saturated** 071781
Dependence of **saturation coefficient** on con- 063766
relaxation in water-**saturated condition.** 066489
in linseed oils of **different unsaturation.** 063731
Influence of peroxidized **unsaturated fat** & v- 064460
during autoxidation of **unsaturated fatty** acid 063468
kinetics of some **unsaturated fatty** acid met- 063469
thermodynamics of some **unsaturated fatty** 063470
for biohydrogenation of **unsaturated fatty** ac- 064315
Biosynthesis of **unsaturated fatty** acids by h- 067909
in crop rotations with **high saturation** of leg- 068866
Oxygen saturation of blood of sheep after o- 065989
of gases emanating from a **saturated soil** sys- 071749
ion concentration] of **saturated soil** paste & 071798

SATURNIIDAE
in Automeris 10 (Lepidoptera: **Saturniidae**) 070829
kuhnei Pinhey (Lepidoptera: **Saturniidae**). 070831

SATYRIDAE
galathea L. (**Lepidoptera, Satyridae**). 070970
oedippus F. (**Lepidoptera, Satyridae**). 071236
in Judicar Alps (**Lepidoptera, Satyridae**). 071242

SAUSAGE
Declaration of composition of **sausages.** 063038
coarsely comminuted "Teewurst". [**Sausages** 063581
Significance of synthetic casings. [**Sausages**] 063595
evaluation of red & **blood sausages** in comm- 063040
taste & preservation of **cooked sausage.** 063658
germ count & on coli group in **dry sausages** 063185
content & total germ count in **dry sausages** 063654
germ count & on coli group in **dry sausages** 063656
Processing **hot sausages** without smoking wi- 063593
Production of **hot sausages.** 063594
Development & use of a **laboratory sausage** 063616
Aspects of **manufacturing sausages** for scald- 063591
in food investigations. [**Sausages, Margarine** 063333
byproducts of fat in **sausage production.** 063098
Aspects of production of **scalding sausage.** I 063589
Staphylococcus aureus in **sausage** by **starter** 063120

SAWFLIES
on aphid, painted bug & **sawfly attacking** m- 070326
on parasites of pine **sawflies Diprion** pini L. 070551
mortality of Swaine jack-**pine sawfly,** & foli- 070533

SAWING
Investigations on stiffness of **bandsaw blades** 066463
against sapstain & decay in **sawn timber.** 066501
wood utilization at production of **sawn wood** 066474
tool--half of efficient work. [**Saws, wood** ind- 066526

SAWLOG
Green density sampling in **sawlog scaling.** 066200

SAWMILL
of compost from **sawdust** & **chipper-**dust. 066452
Utilisation of **sawmill residue.** 066418
Effects of sand, **sawdust, rice** straw, rice hull 063993

SAXIFRAGACEAE
Stuides in **family Saxifragaceae.** VI. Structu- 067037

SCAB
Spread of **apple scab** & Cytospora infection 069567
treatment in connection with **common scab** 069552
days of rain on distribution of **common scab** 069581

SCABIES
of common scab (**Streptomyces scabies**) on 069581

SCALE
of litter-free manure in large-**scale animal** i- 072226
Low-**scale bread** making trial. 063779
in cows in relation to industrial-**scale cattle** 065695
in United States by using large-**scale color** 066158
refuse compost: i--field-**scale compost** demon- 072014
Tea **scale control** with trunk applications of 070415
of municipal refuse compost: i--**field-scale** c- 072014
in cows in relation to **industrial-scale** cattle 065695
Large-**scale inter**-farm cooperation & socialis- 062345
Forms of relationships between **large-scale** s- 062399
of growth equations in cattle for **large-scale** 064580
stands in United States by using **large-scale** 066158
Inland Container Corporation **large scale** lo- 066408
in control of pea moth on **large scale** planti- 070479
Methods for **large-scale** rearing of tobacco 071057
Large-scale mechanization for orchards & vi- 071664
aerophotographs in correction of **large-scale** 071819
removal of litter-free manure in **large-scale** 072226
Systematization of **large-scale** swine raising 072490
Log scale & lump sum timber selling on fed- 066273
Container Corporation large **scale logging** o- 066408
rangpuriensis sp. nov. **scale & mealybug** resi- 066779
equipment for small **scale mechanization** in 071652
Large-**scale mechanization** for orchards & vi- 071664
White **peach scale** (Pseudaulacaspes pentag- 070800
control of pea moth on large **scale plantings** 070479
A **point scale** for judging seedlings. [Camell- 068935
in cattle for large-**scale production** manage- 064580
Methods for large-**scale rearing** of tobacco 071057
Weed control in **small-scale** tropical farming 069954
work with herbicides in **small scale** tropical 070010
Some equipment for **small scale** mechanizat- 071652
in correction of large-**scale soil** maps. 071819
of relationships between large-**scale state-o-** 062399
Systematization of large-**scale swine** raising 072490
Tea scale control with trunk applications of 070415
Weed control in small-**scale tropical** farming 069954
work with herbicides in small **scale tropical** 070010

SCANNING
by transmission & **scanning electron** micros- 063442
granules as seen by both **scanning electron** 063443
Scanning electron microscopy of erythrocyt- 065381
Scanning electron microscopic features of h- 065392
Scanning electron microscopic studies of Pa- 065534
Complements for **scanning electron** microsc- 066806
of pollens with **scanning electron** microscopy 066933
Scanning electron microscopy of silica bodies 066947
longiflorum as seen with **scanning electron** 067046
Optical **scanner-friend** or foe? [Retail mark- 062705

SCAR
on basis of dimensions of **bark scars.** 066539

SCARABAEIDAE
Phyllophaga spp. (Coleoptera: **Scarabaeidae** 070794
attractants in some species of **Scarabaeidae** 070976
Contribution to study of **Scarabaeidae.** 071217
G. Frey Museum (**Coleoptera, Scarabaeidae**) 071218
Trochaloschema (**Coleoptera, Scarabaeidae**) 071363
associates of **geotrupine Scarabaeidae.** 070751

SCATTERING
An X-ray **scattering investigation** of broad b- 069653

SCELIONIDAE
Telenomus remus (Hymenoptera: **Scelionidae**) 070933

SCENEDESMUS
particles of **scenedesmus obliquus** D3 with h- 067443

SCENT
SEE ODOR

SCHEDORHINOTERMES
Frontal gland of **Schedorhinotermes putorius** 070891

SCHEDULE
of routing & **scheduling company** trucks. [F- 062696
Irrigation scheduling for corn in southeaste- 072364
Disease & insect **spray schedule** for home o- 069917
Disease & insect **spray schedule** for home o- 069916

SCHISTOCERCA
in desert locust-**Schistocerca gregaria** (Forsk 070372
of flight in locust **Schistocerca gregaria** (For- 070769

SCHISTOSOMATIDAE
Incidence of **Schistosoma indicum** Montgom- 065506
infections with **Schistosoma mansoni** in swiss 065372

SCHIZAPHIS
rot of sorghum. [**Schizaphis graminum,** Mac- 069557
control on sorghum. [**Schizaphis graminum**] 070385
English grain aphid. [**Schizaphis graminum**] 070386
rot of sorghum. [**Schizaphis graminum,** Mac- 070405

SCHIZOPHYLLUM
continentalis & **Schizophyllum caspium** (Di- 071104
cycle in **Schizophyllum commune.** 067634

SCHOOLS
25 Years **Forestry School** at Schwarzburg. 066134
50 Anniversary of Wood **Industry School** at 066426
School lunch in High Point: a community's 063235
School lunch--a tool for nutrition education 063279
respectively Veterinary **Medicine School** at 065310
Veterinary schools of world. 065238
Graduates from **vocational schools** in food i- 063426

SCINDAPSUS
Scindapsus. [Culture]. 069127

SCIONS
material on process of adhesion **os scion &** 068495

SCIRPUS
L., Typha latifolia L. **And Scirpus** lacustris 067846

SCLERODERRIS
Scleroderris canker on red & scots pine in 069522
Scleroderris lagerbergii in Norway. Hosts, d- 069437

SCLEROSPORA
Sporulation of **Sclerospora sacchari** on corn 069299
to downy mildew (**Sclerospora sorghi**) in so- 067277
mildew of sorghum. [**Sclerospora sorghi**]. 069538

SCLEROTINIA
dipping of peaches. [**Sclerotinia fructicola,** 069569
form of growth of **Sclerotinia fructigena** in 069259
on sclerotia of **Sclerotinia sclerotiorum.** 069459

SCLEROTIUM
inducing toxin of **Sclerotium bataticola.** 069271
Fusarium moniliforme, **Sclerotium bataticola**] 069426
compounds & on **sclerotium formation** in Sc- 067665
constituents in four **Sclerotium-forming** fungi 069496
rot of rice in California. [**Sclerotium oryzae,** 069480
on inactivation of **sclerotia** of **Ozonium** texa- 069364
theobromae, **Sclerotium rolfsii**]. 069242
Behavior of sclerotia of **Sclerotium rolfsii** p- 069477
in Rolling Plains. [**Sclerotium rolfssii**]. 069558
minitans on **sclerotia** of **Sclerotinia** sclerotio- 069459

SCOLOPENDRA
nervous system of **centipede Scolopendra** m- 071094
Feed behaviour of **Scolopendra morsitans** Li- 071095

SCOLYTIDAE
Xyleborus ferrugineus (**Scolytidae**) & certain 069433
in American bark beetles (**Scolytidae:** Cole- 071192
Scolytidae, Coleoptera from Chile, 264. Stu- 071211
Serrastus Nunberg (**Coleoptera Scolytidae**) 071326
lineatum (Oliv.) (**Coleoptera, Scolytidae**) in 070860

SCOLYTOIDEA
of morphology & taxonomy of **Scolytoidea.** 071211

SCOLYTUS
On mass reproduction of **Scolytus kirschi** S- 070547

SCOPOLAMINE
Ix. Hydrolysis of **scopolamine & related** alk- 067700

SCORE
World's top poultry producers **score another** 062816
Statistical Reporting Service]: **keeping score** 062795

SCORPIONS
their nuclei in three species of **scorpions.** 070811
growth factor in venoms of **bees, scorpions,** 071054
functions of **scorpion Heterometrus** swamme- 070878
Notes on some **Saharan scorpions.** [Adrocto- 071349

SCREENING
Pharmacological "**screening**" of Brazilian pl- 067821
Screen electron microscopic study of ticks. 071035
Laboratory screening trials for new prophyl- 066501
identification & **screening** of **phyllemblin** fr- 067613
Screening of **potato** fungicides in 1972. [Ph- 069284
root inoculation technique to **screen potato** 069580
Plant pathologists devise **rapid screening** te- 069599
Rotary screening to remove bark & foliage 066507
Glasshouse method for **screening seedlings** of 069560
of motion of layer with **vibrating screens** in 071688

SCROPHULARIACEAE
with chlorthal-methyl. [**Veronica filiformis**]. 069948
anthocyanins in flowers of **Veronica persica.** 067680

SCURF
Studies on control of **black scurf** disease of 069358
with common scab of potatoes & **black scurf** 069552

SCUTELLARIA
anatomy in **Scutellaria, Chaiturus,** Galeobdo- 067000

SEA
control of trade wastes disposal at **sea.** 072502
of spring wheat in northern **Aral Sea** region 068192
psychrophilic spoilage bacteria of **chilled sea** 063081

SEAFOOD
An experiment in retail **fresh seafood** merch- 062700

SEASONS
Influence of ethylene on stored late-**season** 063932
Host-relationships & **seasonal abundance** of 070640
Seasonal & age changes in amount of diosge- 067811
Wheatgrass response to **seasonal applications** 072115
varieties during spring & **autumn season** in 069828
Blue fox **breeding season.** [Arctic foxes]. 065051
Seasonal changes in naringenin & chlorogen- 068336
Seasonal changes in auxin effect on rooting 068576
Effect of fertilization upon **seasonal changes** 072142
nitrate-N concentration of three **cool-season** 067884
on quality & growth rate of **cool-season** turf- 068219
nitrate-N concentration of three **cool-season** 071985
in relation to soil **depths, seasonal** changes, 069535
Structure & **seasonal development** of second- 066939
Seasonal dynamics of accumulation of alkalo- 067808
On structure & **seasonal dynamics** of spider 071422
Seasonal fluctuation of aphid population in 069679
N concentration of three cool-**season forage** 067884
to ovarian maturation in **seasonal forms** of 070946
morphology, & histology of **seasonal forms** of 071098
Preparing cattle for **grazing season** & how to 066045
dichlorprop during **growing season.** 070088
at various stages of **seasonal growth** in Pinus 068542
mating information wheel for **seasonal herds** 065038
of indica rice plants in dry, **hot season** in T- 069774
Innate seasonal oscillations in rate of milk 064442
seventh annual review of **milling season** in 063792
Seasonal natural phenomena in four neighb- 066867
Innate **seasonal oscillations** in rate of milk 064442
Seasonal patterns of digestible organic matt- 067919
Seasonal periodicity of planktonic diatoms in 067595
Seasonal polymorphism & developmental ch- 070833
Seasonal rhythm of feeding activity in milli- 071104
state in diurnal & **seasonal rhythms.** 068560
Impact of photoperiod on **seasonal sowing** in 068724
in apple foliage **throughout season.** 070423
growth rate of cool-**season turfgrasses.** 068219
Seasonal variation of some phytocoenoses fr- 066904
paludosa] pollen tubes & **seasonal variation** 067314
in North Central Region; **seasons & year** 19 062827

SECALE
Genetics of tye **Secale cereale** L.) XI. Inher- 067358
silvestris, Alnus glutinosa & **Secale cereale**) 068541
fungicide on Allium cepa & **Secale cereale.** 067292

SECRETION
In vitro studies on **secretion** of **amino** acids 064573
on normal & pathological **cervical secretion** 065632
compounds of **secretory elements** of cow vag- 064540
composition of frontal **gland secretion** in te- 070759
Vasopressin & **milk secretion:** lack of effect 064434
oscillations in rate of **milk secretion** in goats 064442
Studies of neurophysin **secreting neurons** wi- 064352
Purification of a **protease secreted** by Colle- 069500
culum & abomasum & on **secretion** of **saliva** 064555
Parotid **salivary secretion** in sheep: its meas- 064476
Mechanism & control of **salivary secretion.** 070909
ions & osmotic pressure on **salivary secretion.** 070910
of IBiR-IPV virus in **vaginal secretion** of c- 065696
boar seminal plasma, **vesicular secretion** & 065030
In **vitro secretion** of growth regulators by is- 067410
Zinc 65 **secretion** by exocrine pancreas of c- 064497

SEDATION
Premedication in **sedation** of **undomesticated** 065358

SEDGE
decomposition in forest litter of **sedge** (Car- 066362

SEDIMENTS
Solid transport & **sedimentation.** [Watershe- 072452
sedimentation characteristics of proteins in 065576
algal & sedimentary chlorophyll derivatives 067474
Sedimentation & contaminant criteria for w- 072468
Suspended **sediment discharge** in western w- 072421
in soil & recent **marine sediments.** 071908
of six sections of Late **Quaternary sediments** 066653
Effects of **sediment** on **water** quality. 072425

SEDUM
Arbutin in some plants of **genus Sedum.** 067517

SEEDBED
winter aftercrops. **Seedbed preparation, &** s- 062417

SEEDING
Autumn seeding of Svenno spring wheat. 068824
Problem of **broadcast seeding** in nurseries. 066381
of grain drills at **different seeding** rates for 068648
Direct-seeding onions on mineral soils. 069104
root development affected by **direct seeding** 069815
Very **early seeding** of wheat & barley. 068776
in normal & stress **seeding environments.** 068239
Frost seeding may lead to greater yields. [C- 068681
Influence of **seeding rate** upon seed & oil yi- 068656
of varieties, fallow methods, & **seeding rates** 068646
Effects of planting dates & **seeding rates** on 068728
of grain drills at different **seeding rates** for 071539
intermediate centrifuging & **seeding** of **raw** c- 063805

SEEDLINGS
mirabilis: morphology of **seedling.** 066941
vascularization of a four-week-old **seedling.** 066942
vascularization of a one-year-old **seedling.** 066943
from white light on growth of **seedlings.** 067951
of external stimuli on tips of **seedlings.** [Vet- 068165
Different P [Phosphorus] uptake of **seedlin-s** 068541
Age of Engelmann spruce **seedlings affects** 068596
Growth features of **annual seedlings** of Pinus 068600
post-irradiational effects in **barley seedlings** 067889
gibberellin on growth of **barley seedlings** & 068151
Greenhouse culture of **seedlings** of **Betula** ve- 066347
stimulates growth of yellow **birch seedlings.** 072201
anthocyanins & rutin in **buckwheat seedling** 067888
of wheat, maize, & **buckwheat seedlings.** 068138
purified from **bushbean seedlings** (Phaseolus 068296
phase of tomato, pea, & **cauliflower seedlings** 069333
as a growth retardant of **citrus seedlings.** 068363
Lifting & storing western **conifer seedlings.** 066369
cells: glycolytic enzymes in **corn seedlings.** 068159
in root tissues of **cruciferous seedlings.** 066918
cotyledon distortion of **cucumber seedlings** in 068395
barley & oat plants on **developing seedlings** 068071
ponderosa pine **seedling development.** 068594
tolerance in cotton to **seedling disease.** [Rhi- 069247
Elite seedlings of table grapes of extremely 069175
growth of root system of **etiolated seedlings** 068412
metabolism indices in Vicia **faba seedlings.** 069932
hardiness changes of Saghalien **fir seedlings.** 068549
induced changes in **germination, seedling** vi- 067914
Effect of **seedling grade** on survival & growth 068598
Theory & technique on rice **seedling growing** 068614
among clones of sug-**seedlings grown** from c- 068550
Conical container improves **seedling growth** 066388
Seedling growth in controlled-nutrient condi- 067648
in soybeans: iI. **Seedling growth** & photosyn- 067960
rutin in buckwheat **seedling hypocot** otyls. 067888
Conical container **improves seedling** growth 066388
pea, & cauliflower **seedlings inflected** by Py- 069333
A point scale for **judging seedlings.** [Camell- 068935
of mycorrhiza in nutrition of **larch seedlings** 068571
off" disease of Pinus **merkusii seedlings.** [F- 069383
Fusarium wilt of **nutmeg seedlings** (Myrstica 069309
acid on initial growth of **oak seedlings.** [Qu- 068525
response in mesocoty l of **oat seedlings.** 068134
Effects of seed size on **seedling performance** 067960
stimulate ponderosa **pine seedling** developm- 068594
survival & growth of loblolly **pine seedlings.** 068598
On agrotechnics of growing **Pinus seedlings** 066394
mellea root rot of Pinus **ponderosa seedlings** 069525
technique to screen **potato seedlings** for resi- 069580
Growth of Agropyron **repens seedlings** in ce- 070072
fertilissima on growth of **rice seedlings.** 068130
Theory & technique on **rice seedling** growing 068614
Glasshouse method for **screening seedlings** of 069560
changes occurring at **seedling shoot** apex of 068515
mortality & survival of self-**sown seedlings** in 067645
features of **seedlings** of some **species** of Plan- 066983
of protonema, moss **seedlings sporogone** & c- 067436
Age of Engelmann **spruce seedlings** affects 068596
Note on slection for yield at **seedling stage** 067269
Competition among clones of **sug-seedlings** 068550
troublemaker for **seedling sugarbeets.** 070396
Supplying seedlings of Picea abes for high a- 066401
Attractiveness of **tomato seedlings** treated w- 069805
tree, Paulownia **tomentosa, seedlings.** 068223
Attractiveness of tomato **seedlings treated** w- 069805
Studies on utilization of **upland seedling** as 070388
changes in germination, **seedling vigour** & m- 067914
metabolism of winter **wheat seedlings.** 067985

on growth of **wheat seedlings.** 068086
chloride] in **wheat seedlings.** 068133
in rice cultivation with **young seedling** trans- 068685

SEEDS

pine in northern Finland & origin of **seed.** [066326
in Israel: anatomical features of **seed.** 066946
during growth & germination of **seed.** [Cast- 067828
Romance of **seeds.** 068659
What is good **seed.** 068742
techniques for red clover grown for **seed.** [P- 068763
variety Bezostaia 1 on yield quality of **seeds** 068845
of agrotechnique of lucerne grown for **seeds** 068876
Growing Amaryllis from **seeds.** 069117
activity in pepper **seeds accompanied** with c- 063972
securing provenance of **seeds** for **afforestati** 066398
On **alfalfa seed** culture in relation to irrigat- 068722
Association of Official **Seed Analysts**]. 067427
Dormancy in **seeds** of **Anona** crassiflora Ma- 067647
Branch Station of Swedish **Seed Association** 067365
Branch Station of Swedish **Seed Association** 068836
Branch Station of Swedish **Seed Association** 068837
Branch Station of Swedish **Seed Association** 068838
Branch Station of Swedish **Seed Association** 068841
Branch Station of Swedish **Seed Association** 069149
Branch Station of Swedish **Seed Association** 069150
Branch Station of Swedish **Seed Association** 069151
Branch Station of Swedish **Seed Association** 069153
methanesulphonate-treated **barley seeds.** 063714
terms of ethyleneimine treated **barley seeds** 067371
Respiration in **barley seeds** treated with mu- 067913
leaf meristem of germinating **barley seeds.** 068061
terms of ethyleneimine treated **barley seeds** 068182
Studies on Egyptian broad **bean seeds.** III. 063965
water soluble proteins of fodder **bean seeds** 068075
composition of proteins in **bean seeds** under 068318
several insecticides in control of **bean seed** f- 070330
as a pretreatment for sugar **beet seeds.** 067920
of aphids on sugar beet crops & **seed beets.** 070360
Methods of **breeding seedless** grapes. 067238
proteolytic enzyme from **buckwheat seeds.** 067896
Quality & yield of **buckwheat seeds** in relat- 068197
orange (Citrus sinensis) **seeds & buds.** 068467
of wild oats (Avena fatua) **seeds buried** in fa- 067463
lingam (Tode) Desm. On **cabbage seeds.** 069442
vitro in Antirrhinum majus L.; **seed & callus** 068283
in soakes Crepis **capillaris seeds.** 067160
in endosperm of repening **castor seeds.** 067841
Stimulation of **celery seed** germination with 068290
Cereal seed dressings. 069795
Dressing of **cereal seeds.** 069863
of presence of wild oat seeds in **cereal seed** 070017
Production of **certified seed** potatoes by var- 068941
weed control in cereals. need for **clean seed** 070030
point of somatic mutations in **clonal seed** pl- 067181
Red **clover seed** culture in Perm Region. 068762
Red **clover seed** yield in relation to phospho- 072120
of endosper, embryo & **seed coat** in Amisch- 067607
Experiments with **conifer seeds** on Subalpine 066315
stands of Pinus in **continuous seeded** plots. 066345
Cooperative seed treatment trials 1972. [Ce- 069279
clover, & grasses grown for **seed cooperative** 070410
tocopherol compositions of **corn seed** & cast- 067877
Effect of enriching **corn seeds** with micronut- 067880
doses of gamma-radiation in **cotton seeds** tr- 067372
Inhibitors of **cotton seeds** of different age. 068000
defoliant butyphos into **cotton seeds.** 068001
Soybean **seed crisis.** 068657
water extracts of different **cruciferous seeds** 067070
decision for urgent problems of **seed culture.** 066344
Breeding & **seed culture** of heterotic hybrids 067226
for improving breeding & **seed culture** opera- 067232
Tasks in potato breeding & **seed culture.** 067235
improving potato breeding & **seed culture** o- 067239
research in breeding & **seed culture** of potat- 067248
tasks in field of breeding & **seed culture** of 067249
of physiology in breeding & **seed culture** pr- 067251
research in breeding & **seed culture** of veget- 067256
Breeding & **seed culture** operations with ve- 067260
On alfalfa **seed culture** in relation to irrigat- 068722
Seed culture of alfalfa & clover. [Poland]. 068761
Red clover **seed culture** in Perm Region. 068762
Seed culture for cucurbit & vegetable crops 069061
On fundamentals of **seed culture** of fruit tree 069066
grown from pelleted **seed depending** on some 070133
year-old teak trees from **differen seed** origins 066338
used for investigation of **seeds** of **different** q- 068005
Significance of **seed dimorphism** in Alysicar- 067642
Seed dormancy in Acer. Changes in endoge- 068545
Chemicals for **dressing seeds** of cereals. [Fi- 069455
Cereal **seed dressings.** 069795
of wild oat seeds in cereal **seed drills** in Uni- 070017
Pneumatic feeding of grain in **seed drills.** 071565
pneumatic technique of sowing. [**Seed drills**] 071566
Study of process of **drying seed** grain in a r- 063846
mode of action of our forest **seed drying** hou- 066376
as a source for **electromagnetical seed** separ- 071706
Come possibilities for **enhancing seed** germi- 070018
Chemical examination of **seeds** of **Entada** p- 067608
how to fit out single **seed equipment** in mai- 069089
Variability of **seeds** of **Fagus** orientalis. 068564
Studies of fate of avena **fatua seeds** on cereal 070060
Handling of **seeds & filling** of multirow pota- 071633
insecticides in control of bean **seed fly** Hyl- 070330
mode of action of our **forest seed** drying hou- 066376
Size of **seed germ &** endosperm in Fo hybri- 067361
on ribonuclease activity in **germinating seeds.** 068007
On biology of **seed germination** of Ammode- 067408
smoke condensate on **seed germination** of hi- 067563
of temperature & light on **seed germination** 067728
exudates on Orobanche **seed germination.** 067874
Stimulation of lettuce **seed germination** at h- 068252
Stimulation of celery **seed germination** with 068290
Lettuce **seed germination:** reversal of salinity 068316
regulatory chemicals on **seed germination.** 070102
Effect of chemicals on **seed germination** of 070158
possibilities for enhancing **seed germination.** 070018
Study of process of drying **seed grain** in a r- 063846
soil density on germination of **seeds** of **grain** 068193
Grape seed oil. 064029
customers for Thompson **Seedless grapes.** 062617
Methods of breeding **seedless grapes.** 067238
Leguminous **grass seed** production. [Czechos- 068764
Injurious mites in **grass seed** storage. [Acar- 070585
as high-yield producers of **healthy seed** pota- 069062
Culture of **healthy seed** potatoes in Estonia 069063
of measures for culture of **healthy seed** pota- 069064
of measures for culture of **healthy seed** pota- 069067
Production of **healthy seed** potatoes in cove- 069181
Production of **hybrid seed** in grasses under i- 067095
differences in tolerance to **seed-hydration** ch- 067961
treatment of M2 **seeds** with **hydrochloric** h- 067068
in different parts of hybrid & **inbred seeds.** 067454
Effect of **seed irradiation** on plant resistance 069426
peperita (peppermint) **seed** in **laboratory.** 067428
blossfeldiana] **seed** during **laboratory** testing 067429
driven saw used in obtaining **Larix seeds.** 066352
Stimulation of **lettuce seed** germination at h- 068252
Lettuce seed germination: reversal of salinity 068316
Semasia conterminana H. S. on **lettuce seed** 070482
of Peganum harmala **Linn seed** oil. 067748
Cultivation of European yellow **lupine seeds** 068898
Nucleic acids in **seeds** of **maize** heterotic hy- 067989
on feeding of extracted rape **seed meal** to m- 064639
in epidermis cells **& seeds** of **micropyle** part 067050
distribution of pine, larch & **oak seeds** in U- 066359
methanesulfonate treatment of **oat seeds.** 067341
a joint survey of presence of wild **oat seeds** 070017
some peculiar features of **seeds obtained** in 067144
Aspects of **obtaining seeds** of Senecio cruen- 067382
meeting. [Association of **Official Seed** Anal- 067427
on oxidation stability of rape-**seed oil.** 063856
Grape **seed oil.** 064029
ethylene imine treatment on **seeds** of **oil-ra-** 067069
of Peganum harmala Linn **seed oil.** 067748
Influence of seeding rate upon **seed & oil** yi- 068656
altitude afforestation through **seed orchards** 066399
old teak trees from differen **seed origins.** 066338
of root exudates on **Orobanche seed** germin- 067874
Influence of sizing **peanut seed** on two phen- 067291
for cabbage grown from **pelleted seed** depen- 070133
Seed pelleting to improve nodulation of trop- 071744
ammonia-lyase] activity in **pepper seeds** acc- 063972
Cost price of fodder **plant seed.** 062486
of "storage effect" in irradiated **plant seeds** 067802
moth--a pest on tobacco **seed plantation.** [B- 070366
of somatic mutations in clonal **seed plants.** 067181
of alpha-galactosidases in **seeds** of **plants.** [068081
conterminana H. S. on lettuce **seed plants.** 070482
stands of Pinus in continuous **seeded plots.** 066345
Control of **seed pod** weevil (Ceuthorrhynchus 070382
Management of stored food & **seed potatoes** 063897
Production of certified **seed potatoes** by var- 068941
yield producers of healthy **seed potatoes** in 069062
Culture of healthy **seed potatoes** in Estonia 069063
measures for culture of healthy **seed potatoes** 069064
measures for culture of healthy **seed potatoes** 069067
Production of healthy **seed potatoes** in cove- 069181
controlling Phytophthora in **seed potatoes.** 069344
Seeds are **primary** concern of collective far- 062575
with varying lenghts of soaking **seeds prior** 067197
System of **seed processing** in Poland. 063748
Study of mucilage **producing seeds** & nutlets 066932
Seed production of Pinus sibirica Rupr. in 066360
of stands determined for **seed production**--an 066375
by Plant Breeding & **Seed Production** Ente- 067321
periodicity, plant survival & **seed production** 067462
Leguminous grass **seed production.** [Czechos- 068764
Selected problems of **seed production.** [Field 068791
processing of data on **seed productivity** of p- 067818
Effect of sowing time & **seed quantity** on qu- 068018
Hints for determination of **seed quantity** & 069089
Seed radiosensitivity of some crops. [Veget- 068423
refining on oxidation stability of **rape-seed** o- 063856
Studies on feeding of extracted **rape seed** m- 064639
Note on effect of **seed rates,** row spacing & 068735
lack ability to spread with **seed of red** clover 069737
of gamma-irradiation of **seeds** on **reducing** f- 068140
lipids & tocopherols in **seed** during **repening** 067877
fraction of **seeds** of some **representatives** of 067713
Winterfat fruits & **seeds retain** high viability 067861
vigour & metabolic activities in **rice seeds.** 067914
Simple germination methods for **rice seed.** 2 068615
Seed rot & root rot complex of beans (Phas- 069251
Comparison of seed turnips, **seed rutabagas,** 069081
cherry leaf-roll virus by **seeds** of **Sambucus** 069722
source for electromagnetical **seed separators** 071706
during growth & flowering on **seed set** of tet- 067564
Studies on fixed oil of **seeds** of **Sida** acuta 063385
of seed quantity & how to fit out **single seed** 069089
Effect of quantity of **seed** within **single** berry 069196
Effects of **seed size** on seedling performance 067960
Differences in **seed size** & in biochemical c- 068559
barley with varying lenghts of **soaking seeds** 067197
Effects of elevation & **seed source** on trache- 068539
on radicle-entry of surface-**sown seeds.** 068630
of glutamic acid & vigor in **soybean seed.** 067964
Soybean seed crisis. 068657
Dormancy in **seed** of **spring** barley. 067903
fatty acid formation during **seed storage.** [O- 063787
Seed storage & germination of black poplar. 068526
Injurious mites in grass **seed storage.** [Acar- 070585
Lipid deterioration in **stored seeds** of Brassi- 064037
Seed stratification of Pinus koraiensis. 066355
in production & storage of **sunflower seed** oi- 063860
Respiration of **sunflower seeds** during their 068002
of gamma-irradiation of **seeds** on **superweak** 068138
New ways to **supply seeds** for high altitude 066399
at Ultuna Branch Station of **Swedish Seed** 067365
of Ultuna Branch Station of **Swedish Seed** 068836
Ultuna Branch Station of **Swedish Seed** As- 068837
Ultuna Branch Station of **Swedish Seed** As- 068838
Ultuna Branch Station of **Swedish Seed** As- 068841
of Ultuna Branch Station of **Swedish Seed** 069149
Ultuna Branch Station of **Swedish Seed** As- 069150
Ultuna Branch Station of **Swedish Seed** As- 069151
Ultuna Branch Station of **Swedish Seed** As- 069153
Products from **tea seeds.** I. Extraction & pr- 063322
customers for **Thompson Seedless** grapes. 062617
Cabbage moth--a pest on **tobacco seed** plant- 070366
assessment & **seed transmission** of Septoria 069257
Further studies on **seed transmission** in ecol- 069611
of gamma-radiation in cotton **seeds treated** 067372
Respiration in barley **seeds treated** with mu- 067913
Cooperative **seed treatment** trials 1972. [Ce- 069279
Seed treatment chemicals for coniferous spe- 069400
Seed treatment of corn infected with Helmi- 069523
acid--effective chemicals for **seed treatment** 069552
stored grain & peas & **seed treatment** for s- 070591
On affection of fruit **tree seeds** with agents 069591
Comparison of **seed turnips,** seed rutabagas, 069081
acid concentrations in oil of **seeds** of **various** 068178
biochemical composition of **seed** of **various** 068559
intensity of radiation) by **seeds** of **vegetable** 068376
Production of **seeds & vegetative** sets of im- 068038
Relations between estimates of **seed vigor** & 067931
of alfalfa grown for **seed** in **Washington** state 070699
Note on estimation of viable **weed seeds** in 070226
Effect of **seed weight** on early growth & no- 067902
production in corn plant. I. **Seed weight** as 067955
of thiols in radiosensitivity of **wheat seeds.** 068141
factors on thiol level in **wheat seeds** & their 068143
during maturation of **seeds** of **white** mustard 063396
Physiology of **seed yield** in field beans (Vicia 068045
Physiology of **seed yield** in field beans (Vicia 068046
ratio & application rate on **seed yield** & oth- 072100
Red clover **seed yield** in relation to phospho- 072120

SEEPAGE

Seepage steps in New Forest, Hampshire, 072335

SEGMENTS

chlorophyll retention of **leaf segments** accor- 067950

SEGREGATION

as affected by their **segregation** by **sex.** 064914

SELAGINELLA

Morphogenesis in **Selaginella** [willdenovii]: 067765
Reproductive biology of **Selaginella.** I. Dete- 067767

SELENIUM

Form of radioactive **selenium administered** in 064293
on distribution of **Selenium** 75 in **chick** in re- 066005
relationship to **selenium concentrations** in p- 064346
Selenium content of feedstuffs produced in 064045
livestock related to **selenium deficiency**--the- 065928
Selenium in **food** chain. [Soils, plants, anim- 067546

SEMEN

International trade in **semen.** 064952
Studies on some characters of **semen** with 064996
age, & ejaculation frequency on **boar semen** 064962
of protein fractions from **boar seminal** plas- 065030
aspects of composition of **buffalo semen.** 065027
for glycerine treatment of **bull semen** relati- 065084
features of metabolism in **semen** of **bulls,** r- 065090
forte & Speman on **semen characteristics.** 064998
Studies on **semen collection** by masturbation 065182
Phosphatase activity in **seminal fluid** of heal- 065209
glutathione & cysteine to **frozen semen** on i- 065040
of storing poultry **semen frozen** in liquid nit- 065185
in blood serum & in **seminal plasma** of cocks 064970
biological containers for **semen preservation** 065042
Continuous production of **ram semen** in cour- 065126
on sialic acids of ram's **semen** at **storage.** 064971

Attempts to obtain & **store semen** of Bomb- 071372

SEMIARID
SEE ARID

SENECIO
SEE COMPOSITAE

SENESCENCE
virus-diseased plants during **senescence.** [To- 069668
photoperiod on **senescence** in **detached** leav- 068289
Relations between leaf **senescence index** & 067941
Retardation of **leaf senescence** in maize by 067917
Effect of hormonally induced **leaf senescence** 069671

SENSES
Remote sensing as an aid to management of 072488
bipinnatus var. **Sensation** in **response** to gib- 067480

SENSITIVITY
Equine infectious anemia: **sensitivity** of **agar** 065445
Region & their **sensitivity** to **antibiotics.** 065871
Sensitivity of **bacterial** strains isolated from 065452
Studies on **bile-sensitive** lipase. X. Preparat- 067536
Sensitivity of **different** species of plants to r- 067186
Degree of **sensitivity** in **different** developme- 070628
Foliar sensitivity of soybeans to ozone as re- 069779
Physiological & **genetic sensitivity** to radioa- 067174
Studies on **sensitivity** of **Mycoplasma** gallis- 065845
in eggplant. V. On **organ sensitive** to extern- 068396
studies on **sensitivity** of **organisms** pathogen- 065846
Sensitivity of **Oryzaephilus** surinamensis (C- 070571
Inheritance of **photoperiod sensitivity** in cro- 067366
Sensitivity to **radioactivity** & appearance of 067171
Study of **sensitivity** to **radioactivity** & induc- 067178
Examination of **sensorial sensitivity** in refer- 065271
Sensitivity of **several** species of grasses & le- 067926
orange binding & **sensitivity** to **thermal** den- 064347
of swelling & shrinkage with a **sensitive tus** 071776
Sensitivity of some **varieties,** lines & hybrids 067188
Sensitivity of **Vibrio** parahaemolyticus to co- 063121

SENSITIZATION
Sensitizing effect of 5-bromodeoxyuridine (067162
using histoplasmin-**sensitized formalinized** s- 065393

SENSORY
Sensory assessment of stiffness & rheological 063763
to instrumental-**sensory comparisons.** 063762
Identification of stimuli **controlling sensory** 063397
Identification of stimuli **controlling sensory** 063398
Guide to **sensory evaluation** of products of s- 063060
Aroma of canned beef: **sensory properties.** 063619
evaluation & analysis of **sensory qualities** of 063408

SEPARATION
Separation of **autoxidized** phospholipids. [F- 063477
varieties by **separation** of **characteristical** pr- 063981
growing female pigs for **separation** of **faeces** 064303
Separation of **furocoumarins** by high-pressure 068388
labelled 125I & 131I **separation** from **insulin** 065283
dextran-40 gradients for **separation** of **pea** c- 068457
Species separation in delcarata group of ge- 071157
dry methods of **separating thermoplastic** fil- 066553
activities in fruit tissues & **separation zones** 068443

SEPARATORS
On study of **centrifugal separators** of grain 071698
Dust separators in wood industry. 066429
source for electromagnetical **seed separators** 071706

SEPHADEX
Use of **sephadex** in **analysis** of some flavono- 067494

SEPTORIA
A **Septoria disease** of Koeleria macrantha in 069285
Septoria diseases of cereal crops. 069456
Septoria halophila, a pathogen of Hordeum 069528
seed transmission of **Septoria nodorum.** [W- 069257
Infection of grasses by **Septoria nodorum** & 069267
Septoria nodorum berk, on wheat. 069444
of age on virulence of **Septoria nodorum** spo- 069527

SEQUENCES
Evidence for amino **acid sequence** of porcine 064312
Isolation & amino-**acid sequence** of C-peptide 064359
of N-terminal amino **acid sequence.** 064366
Use of comparative amino **acid sequence** data 067789
Sequential changes in plasma progesterone 064960
joint & ear cartilages: **sequential extraction,** 064327
Partial sequence of amino-acids in procine 064332
virus, enriched in **sequences quickly** hybridi- 065428
associated with a vegetation-**soil sequence** in 071850
A **sequence** of **soils** in middle Awash valley, 071912

SERICULTURE
in **sericulture** by means of Delta **criterium.** 071417

SERINE
V. Structural studies on an **insect serine** pro- 071396

SERODIAGNOSIS
Serodiagnosis of **endoparasites** significant for 065433

SEROLOGY
in a closed bovine herd: **serologic changes,** i- 065382
comparative study of **serological detection** 063054
Studies on **serological differentiation** of stra- 065567
Serological incidence of Brucella-antibodies 065622
Serologic investigations in ringworm of catt- 065859
Own serological studies on food products of 063213
Serological predictions of genotypic relation- 067119
Serological relationship between maize rou- 069710
Serological series tests on antibodies against 065423
A **serological survey** for Brucella abortus an- 065594
A **serological survey** of infectious bovine rhi- 065670
Usefulness of some **serological tests** in diag- 065561

SERRADELLA
mixtures with aresin on **serradella crops.** [070150

SERRATIA
SEE ENTEROBACTERIACEAE

SERUM
activity of bovine foetal **sera against** foot & 065614
of antithymocyte & **antimacrophage sera** on 065513
strain K & a hyperimmune **antipest serum.** 065737
rinderpest virus & **antirinderpest serum.** 065495
of calcium in feeds & **blood serum.** 064099
between proteins of **blood serum** & weight i- 064490
of alkaline phosphatase of **blood serum** in s- 064527
Cholesterol of **blood serum** in relation to le- 064532
Blood serum lysyl-arylamidase activity in d- 064535
of eserine-resistant esterase of **blood serum** 064579
of glycoand lipoproteins in **blood serum** & in 064970
protein composition of **blood serum** of breed- 065149
Decline of agglutinins in **blood serum** of hei- 065409
Change in protein spectrum of **blood serum** 065683
Levels of oxytetracycline on **blood serum** of 065694
Behaviour of rabbits **blood serum** proteins in 065955
type I adenovirus & cattle **serum capsides.** 065576
Blood electrolytes in **cattle-serum** sodium & 064398
virus using heat-inactivated **chicken sera.** 065721
antibody test to samples of **sera** & **dried** blo- 065882
for detection of antibodies in **equine serum.** 065445
appearance of **serum** alpha-**fetoprotein** in mi- 066006
Neutralizing activity of bovine **foetal sera** a- 065614
muscles & relationship to **serum insulin** & 064414
Serum luteinizing hormone, prolactin, gluco- 064428
Blood **serum lysyl**-arylamidase activity in d- 064535
effectiveness of pregnant **mare serum.** [Ferti- 065148
II. influence of PMS [pregnant **mare serum** 065212
of PL-3 Lublin virus in **sera** of **men,** horses, 065570
viral antibodies in **serum** & **nasal** excretion 065895
with a type II anti-**pneumococcal serum.** 067476
releasing hormone] on **serum prolactin,** TSH 064353
Electrophoresis of **serum proteins** on cellulo- 064279
Effect of corn silage on **serum proteins** in p- 064892
On dynamics of **serum proteins** in broilers 064894
Behaviour of rabbits blood **serum proteins** in 065955
Blood electrolytes in cattle-**serum sodium** & 064398
on frequency of **serum transferrin** & hemogl- 064980
Serum types of Nordland horse & Norwegian 064461

SESAMIA
Crambidae) & **Sesamia calamists** Hmps. (L- 070387

SESQUITERPENES
of epikhusinol, a new **sesquiterpene alcohol** 067611
new **antileukemic sesquiterpene** lactones fr- 067670
Sesquiterpene hydrocarbons in Bulgarian zd- 067557
of ferulidin: a new **sesquiterpene lactone.** [F- 067498
A **sesquiterpene lactone** from Artemisia tran- 067519
Sesquiterpene lactones from Artemisia halo- 067520

SET
Influence of **set** of **amino** acids contained in 064635
relating to soil conservation, **set aside,** acre- 063013
Temperature, **fruit set,** & embryo sac develo- 068247
Effect of fertilizers on apple **fruit set.** 068501
A **set** of **machines** for lingin of irrigation ca- 072383
A **possible set** of ecological guidelines for e- 072575
during growth & flowering on **seed set** of tet- 067564
production for fulfilment of **tasks set** by XI- 062889
in agricultual production in a **set** of **Unified** 062801
Development of a **set** of **upland** cotton lines 067115
Production of seeds & **vegetative sets** of im- 068038

SETARIA
in two tropical grasses. [**Setaria anceps,** Cn- 067937
penetration in dog. [Stipa, **Setaria, Aristida** 066020
Succession of fungi on **decaying Setaria** glau- 069243
Gigantocotyle explanatum, **Setaria digitata]** 065502
Ecology of annual **grass Setaria** lutescens on 066823
of yellow foxtail grass (**Setaria lutescens**). 066940
nitrogen concentration in **Nandi Setaria** [P- 067936

SETTLEMENTS
of environment of **Liubytino settlement** & t- 066818
management problems of **rural settlements.** 062445

SEVIN
acid] & **sevin** on **composition,** development, 068364
toxic properties of **Dursban, sevin** & trichlor- 070650

SEWAGE
of mycobacteriophages in manure & **sewage.** 065348
survey of protococcal algae in **sewage.** 066746
Irrigation by **sewage.** 072391
management. 5. Sewerage & **sewage disposal** 072514
Use of **sewage** for **irrigation.** 072392

SEX
subcutaneous fat as related to breed & **sex.** 063623
as affected by their segregation by **sex.** 064914
CAP (VEB Jenapharm) on **sexual activity** of 065180
Evidence for a **sex attractant** in Agriotes lin- 070837
On presence of **sex attractants** in some spec- 070976
reproduction; aspects of **sex attraction.** 065088
of undesirable social & **sexual behaviour** in 065033
of thyroid glands in pigs of **bothe sexes,** with 064261
Lepidoptera) & derivation of **sex-chromatin.** 070798
A study of age & **sex composition** of cattle 064199
Sexual correlation in self-compatible & self- 067060
according to stages of their **sexual cycle.** 064531
Regulation of **sexual cycle** in cattle with chl- 065210
in cows in relation to tue **sexual cycle.** II. i- 065212
studies on karyotypes & **sex determination** 070864
of mutability of individuals of **different sexes** 071059
Sexual dimorphism in submaxillary gland of 065026
of protein diet, age & **sex** of **ducklings.** 064532
progesterone for inducing **sexual function** in 065162
infections. X. Influence of **sex hormones** on 065893
on flock fertility of initial **sexual inactivity** 064950
progesterone for **inducing sexual** function in 065162
effect on flock fertility of **initial sexual** inact- 064950
Juvenile hormone-**initiated sexual** maturity 070853
Insect sex-pheromone & species speciation. 070775
to indirect analysis of **sex** of **interphasal** cel- 064455
Sex lure under study to control gypsy moth. 070553
Juvenile hormone-initiated **sexual maturity** 070853
Ratio of **sexes** in **natural** populations of Hi- 066361
A difference between **sexes** in an **optomotor** 070859
lambs. 3. effect of **sex** on **performance** & car- 064614
Insect **sex-pheromone** & species speciation. 070775
fruit fly, Dacus tryoni, to **sex pheromone** of 070925
Decoding insect messages. [**Sex pheromones** 070274
traits of varieties, species & **sex** of **plants.** 067178
glands in pigs of both **sexes,** in **relation** to 064263
zeae-maydis sp. n. **sexual stage** of Phyllostic- 069482
in cows in relation to **tue sexual** cycle. II. i- 065212
differing conditions of **sexual utilization.** 065169

SHADE
Effects of **shading** on **migratory** behavior of 070818
Influence of **shading** on **nodulation** & nitrog- 067942
Providing shade in greenhouse. 071445
mitis (Sand.) from sun & **shade sites** on Wis- 067560
Influence of **shading treatment** on growth of 067952

SHEARING
How to organize **sheep shearing.** 062438

SHEATH
metabolism in isolated maize **bundle sheath** 068114
Variations in some leaf **sheath characters** in 070350
Vesicles in **phycobiont sheath** as possible tr- 067732

SHEDS
of **cowsheds** should be **purposeful,** prospecti- 071477

SHEEP
Earning a living with **sheep.** [Management, 062453
Export of **sheep.** 062748
purchasing, & distribution of **sheep.** 062752
wool traits in a coarse wool breed of **sheep.** 063610
Genotype-environment interaction in **sheep.** 063614
s foot & shin bone of cow, buffalo & **sheep.** 063633
I. Utilization of calcium sulphate by **sheep.** 064292
in rumen or abomasum of **sheep.** 064293
fusion of mammalian erythrocytes. [**Sheep**]. 064302
of unsaturated fatty acids in rumen. [**Sheep**] 064315
in presence of rumen contents. [**Sheep**]. 064333
of reticulo-ruminal contractions in **sheep:** N- 064407
recorded from thoracic vertebrae of **sheep.** 064424
Parotid salivary secretion in **sheep:** its meas- 064476
on some morphoproductive indices of **sheep.** 064525
Pyrogenic response of lambs & **ewes.** 064537
secretion of saliva & gastric juice in **sheep.** 064555
effect of protamine in goats & **sheep.** 064569
Drought feeding of **sheep.** 3. relative import- 064644
births, wool production & growth in **sheep.** 064935
assay in peripheral blood in **ewe.** 064940
Studies in flock mating of **sheep.** 5. Inciden- 064950
Crossbreeding improves production. [**Sheep**] 064967
characters & blood characters in **sheep.** Ery- 065000
Genotype-environment interaction in **sheep.** 065007
plasma progesterone levels in cow & **ewe.** 065016
fecundity & reproduction in **sheep.** 065156
A technique for liver biopsy in **sheep.** 065257
avium serotype 2 infection in a **sheep.** 065416
Listeric abortion studies in **sheep.** II. Feto-p- 065454

***
of feet & gangrenous mastitis in **sheep.** 065456
by method of critical test in **sheep.** [Fasciola 065687
pyranthel salts in a critical test in **sheep.** [065754
On study of salmonellosis in **sheep.** 065756
of infectious keratoconjunctivitis in **sheep.** 065766
results in controlling listeriosis in **sheep.** 065770
of pathogen of enzootic abortion in **sheep.** [065771
Drugs for control of helminthiasis in **sheep.** 065772
Prophylaxis against tapeworms in **sheep.** 065774
of thread-necked worm infestation in **sheep.** 065776
against Oestrus infestation of **sheep.** 065778
Vibrio disease in **sheep.** 065780
On spread of anaplasmosis in **sheep.** 065784
Pneumocystis infection in **sheep.** 065801
for controlling white muscle disease. [**Sheep** 065802
A killer of **sheep.** [Entrotoxaemia]. 065992
poisoning with herbicide Deliquat in **sheep** 066029
produced by cyclopamine. [**Sheep**]. 066038
embryotoxic properties of dicresyl. [**Sheep**] 066044
of plasma esterase in some breeds of **sheep** 066059
of pathogen of enzootic abortion in **sheep.** [069800
for controlling Oestrus infestation in **sheep.** 070648
embryotoxic properties of dicresyl. [**Sheep**] 070651
Embryology of **sheep.** III. respiratory syst- 070738
feeders for mechanized feeding of **sheep.** 071520
of rumen bacterium eadie's oval. [**Sheep**]. 071689
body & of C-cell system in **sheep.** 064301
rapid-eye-movement] sleep in goats & **sheep** 064409
walls. I. Prediction of feed intake. [**Sheep**] 064520
development of ciliates in rumen. [**Sheep**]. 064726
OLT group virus in cases of **sheep abortion.** 064905
in various physical forms to **adult sheep** & c- 065761
Effect of **sheep age** on wool production. 064725
hormone or estradiol to **anestrous ewe.** 064471
glands. [Laboratory **animals, sheep**]. 064350
of energy to **sheep** from **artificially** dried gr- 064249
Arizona infections in **sheep associated** with 064586
composition & properties of **Awassi sheep** m- 065713
of housed Scottish **Blackface ewes.** 063518
of southern Kazakh Merinos [**Sheep, blood** 064616
Productivity of **ewes born** singly or as twins 064530
in wool productivity of **Merino breed.** 065075
auction rams of Stavropol'ske **Merino breed** 064259
Reflections concerning **sheep breeding** in H- 064260
raising meat production in **sheep breeding.** 064929
economic effectiveness of **sheep breeds** raised 065198
of Finnish & Romanov **sheep breeds.** 062593
of lymph from **sheep** by **cannulation** of thor- 064974
fat in musculature of **sheep carcass.** 065544
studies on Zeranol. [**Cattle, sheep**]. 063609
function of forestomachs in **cattle, sheep** & 064515
function of forestomachs in **cattle sheep** & g- 064553
Fodder-most urgent demand. [**Cattle, sheep**] 064554
to environmental protection. [**Cattle, sheep,** 064675
wool yield components in **Caucasian sheep.** 065663
of production in Finewool-**Coarsewool sheep** 065186
Reflections **concerning sheep** breeding in H- 064928
of blood serum of **sheep** with **copper** sulfate 064929
on production from **crossbread ewes.** 065683
Rambouillet X Daglic (F1) **crossbred sheep** 064949
in Finewool-Coarsewool **sheep crosses,** impr- 064936
Treating vibriosis in **sheep** with **Dibiomycin** 064928
black leg of cattle & **sheep** with **dibiomycin** 065785
Ovulation rate of Finn-**Dorset sheep** followi- 065854
sensitized formalinized **sheep erythrocytes.** 065032
progesterone levels in **ewe** during **estrous** cy- 065393
of housed Scottish **Blackface ewes.** 064960
Control of economical aspects of **sheep farms-** 064616
On eradicating brucellosis from **sheep farms** 064223
of mutton from **sheep** with **fascioliasis.** 065765
Ammonia formation in rumen of **sheep fed** 063200
rumen during feeding & fasting in **sheep fed** 064841
Sheep fertility in Western Australia. 064920
of pregnant mare serum. [**Fertility, sheep,** s- 065003
of crossbred & Kazakh **Finewool sheep** rais- 065148
of its development in **finewooled sheep.**3. W- 064927
rate of Finn-Dorset **sheep following** unilater- 065189
histoplasmin-sensitized **formalinized sheep** e- 065032
types in Peppin **Merinos genetically** differe- 065393
induced rumination in **sheep & goats.** 065000
Sore mouth in **sheep & goats.** 064521
Sheep hides--a precious raw material for in- 065759
protection. [Cattle, **sheep, horses**]. 063636
On hygiene of **sheep housing** & maintenance 065663
intestitial pneumonia) of **sheep** in **hungary.** 065339
State & possibilities of **sheep husbandry** in 065545
Current cattle & **sheep husbandry** in Swiss 064171
efficiency in practical **sheep husbandry**--first 064184
Studies on process of **sheep improvement** in 064222
response of **sheep** to use of **inactivated** rabies 065146
mineral absorption in **infected sheep.** [Trich- 065897
pancreatic medium. [**Sheep, infectious** enter- 064307
of young cattle & **sheep** under **influence** of 065762
elicited in **sheep** by **intrahypothalamic** injec- 064452
production & feeding of **sheep** in **irrigated** a- 064360
Maintenance of **Karajul sheep** under desert 064716
of Askania-Nova type of **Karakul sheep** & t- 064231
vitamin-mineral deficiency in **Karakul sheep** 065167
alleles in crosses of **Karnobat sheep.** 065991
Results from crossing **Karnobat ewes** with 064980
productivity of southern **Kazakh Merinos** [065190
polymorphism in Russian **Merinos located** at 064530
age on wool production in **longwool sheep.** 064396
theme: intensification of **lowland sheep** pro- 064462
On toxicity of Divezid. [**Sheep, lungworms**] 064118
Effective drug for control of **sheep mange.** 065799
oestrogen in foetal & **maternal sheep.** 065781
properties of **Awassi sheep milk.** 065019
farms of Issyk-Kul Basin. [**Sheep, muskrats**] 063518
performance-tested Merino **mutton sheep** r- 065843
Blood volumes of fetal & **newborn sheep.** 062768
invasive capacity in **sheep** in **northeastern** 064478
induced abortion in **sheep** in **order** to obtain 065679
Carbohydrate metabolism in **sheep organism** 065341
How to **organize sheep** shearing. 064449
pregnancy in intact & **ovariectomized sheep** 062438
of blood of **sheep** after **oxygenation.** 064960
haemoglobin types in **Peppin Merinos** genet- 065989
Differential diagnosis of **sheep poisoned** by 065000
Prevention of **sheep poisoning** in alpine regi- 066001
in studies of toxicity to **sheep & poultry** of 066058
Determining efficiency in **practical sheep** hu- 066069
of weight change in **pregnant ewe.** 064222
Ketosis in **pregnant sheep** & lactating cows: 064966
metabolic disorders in **pregnant sheep.** 065912
intensification of lowland **sheep production.** 065988
Breeding more **productive sheep.** 064118
of bottle-raised versus **ewe-raised** lambs from 064977
crossbred & Kazakh Finewool **sheep raised** 064279
Raising sheep in quarters with slotted floori- 064927
tested Merino mutton **sheep rams** from Ge- 064238
Karnobat ewes with **Merino rcaucasian** rams 062768
sheep husbandry--first time **sheep rearing** u- 065190
Productive qualities of **sheep relative** to type 064222
a $23 million industry: **sheep research** at So- 064529
selection of Finnish & **Romanov sheep** bree- 064203
polymorphism in **Russian Merinos** located at 064974
performance of housed **Scottish Blackface** e- 064396
necked worms in **sheep** in **Semipalatinsk** Re- 064616
Deworming of **sheep** in a severe stage of fas- 065797
How to organize **sheep shearing.** 065775
in auction rams of Stavropol'ske **Merino** br- 062438
fleeces of cattle & **sheep** at **slaughter.** 064260
of echinococcosis in **sheep** from **southern** Ka- 063042
hydrate narcosis for **sheep** with **staggers.** 065681
mare serum. [Fertility, **sheep, sterility**]. 065342
of Phenasal in cases of **sheep tapeworms.** 065148
sales event performance-**tested Merino** mutt- 065777
practical sheep husbandry--first **time sheep** 062768
comparison of bottle-raised **versus ewe-raised** 064222
of spinal cord of domesticated & **wild sheep** 064279
Sheep & wool industry of Argentina. 064270
of lambs & fertility of long-**wool sheep.** 062884
of useful characteristics of long-**wool sheep.** 064474
of useful characteristics of long-**wool sheep.** 065062
065077

SHELL
Egg shell & composition of egg. 063679
of age of chicken on quality of **egg shell** in 064405
Ultrastructure of **shell forming** region of ovi- 064477
Barrier function of **shell membrane** in chick- 065478
Chalk or **oyster shell** for hens. [Feed]. 064667

SHELLFISH
Radiation pasteurization of **gulf shellfish.** 063449

SHELTER
Influence of **shelter, level** of feeding, & met- 064965
Moisture **modification shelters** for epidemio- 069876

SHELTERBELT
Forest **shelterbelt culture** & intensification of 066100
Protective **forest shelterbelts** on irrigated la- 066103
On establishment of **forest shelterbelt** stands 066106
economic effectiveness of **forest shelterbelts.** 066108
openness of **forest shelterbelts** on soil moist- 066163
of ground airflow & **forest shelterbelt.** 066164

SHELTERWOOD
Shelterwood cutting in tapped pine forests. 066342

SHEPHERD
right aortic arch in a **German Shepherd** pup 065954

SHIPPING
Fibre drum holds vinegar. [**Shipping**]. 062661

SHOCK
Future shock. [Dairy plants, cheese]. 063566
of protein as a result of **osmotic shock.** [Ki- 068442
form effect of low **shock temperatures** & po- 067170

SHOOT
L. & their role in regeneration by **shoots.** 068563
stages of organogenesis of **shoot apex** on nu- 068146
changes occurring at seedling **shoot apex** of 068515
of asparagus through **shoot apex** culture. II. 068942
Development of **shoots** of **certain** species of 067701
acid application to **shoot conditions** & carb- 068958
antagonist on rooting of **shoot cuttings.** [M- 068439
of Festuca rubra L. **shoots depending** on lev- 068068
regulator sprays on **shoot development** of a- 068226
Photoperiodic effects on **shoot development** 068229
Symposium on control of sorghum **shoot flies,** 070305
Shoot formation & morphology of Astragalus 067008
on amount of carbohydrates in **grape shoots** 068380
It'll pay to **shoot** for **high** protein in your al- 064060
Destruction of **shoots** of **Jerusalem** artichoke 070161
caused by various removal of **lateral shoots** 069195
Predictability of **shoot length** from bud size 066960
node position on mean **shoot length** of azalea 068225
glutamic dehydrogenase in **shoots** of **Pisum** 068463
Lam. in relation to age of **shoot & plant.** 067053
of initial forming of **shoots** & during **spike** f- 067182

SHOREA
plywood. [Tilia, Quercus **mongolica, Shorea**] 066458

SHRINKAGE
fluorescence & **chloroplast shrinkage.** [Spin- 068267
of swelling & **shrinkage** with a **sensitive** tus 071776
Swelling & **shrinkage** of **wood** under mechan- 066467

SHRUB
Trees & **shrubs:** weed control in transplants 069979
of primary trees & **shrubs** of **Azerbaijan** acc- 066682
of forest trees & **shrubs** on **Chernozem** soils 066162
weevils from trees & **shrubs** in North **Dakota.** 070562
of productivity of some **shrub, dwarf** shrub 066840
Winter-**flowering shrubs:** Hamamelis species 068474
gardens: deciduous trees, **shrubs, perennial** f- 069918
mite pests of ornamental **trees, shrubs,** & l- 070515

SIALIC
Study on **sialic acids** of ram's semen at stor- 064971

SIALIDAE
Sialis cornuta (Megaloptera: **Sialidae**). 071154

SIDERITIS
based on cytological data. [**Sideritis euboea,** 066931
Galeobdolon, & **Sideritis** of **family** Labiatae 067000

SIEROZEM
on microflora of **sierozem-meadow** soil of co- 070151
sugar beets grown in **Sierozem meadow** soils 072463

SIEVE
Sieve analysis of mixed feedstuffs. 064078
Structure & development of **sieve areas** in l- 067024

SIGATOKA
Fertilising passion fruit in **Sigatoka Valley.** 072037

SIGNALS
Animal **acoustic signals** & human cries in th- 064567
Genetic signal traits of winter wheat varieti- 067387
Signal Service Award of American Meat Sc- 063646
Signal Service Award of American Meat Sc- 063647

SILAGE
nitrites & nitrates in green feeds & **silage.** 064042
What is best length of cut for **silage**-making 064061
cobs with & without husks, fresh or **ensiled.** 064600
compared with nontillering corn for **silage.** 064664
of intensive cultivation of maize for **silage.** 068790
qualitative **ensilage accounting.** 064680
Formic acid as a **silage additive** for wet cro- 064064
Some factors **affecting silage**-making capaci- 064101
on quality of direct-cut **alfalfa silage.** 064047
of organic acid in direct--cut **alfalfa silage.** 064048
Indices of quality of **combined silages** prepa- 064835
Young Charolais bulls & **corn silage:** Condit- 062432
on treated & untreated **corn silage.** 064046
Advice for complementation of **corn silage** of 064798
Young Charolais bulls & **corn silage:** Condit- 064799
steer-finishing systems involving **corn silage,** 064824
Corn silage supplement, good growing ration 064833
Effect of **corn silage** on serum proteins in p- 064892
level of ascorbic & carotene in **maize silage.** 064058
Growth of beef cattle fed on **maize silage** su- 064651
Importance of urea added to **ensilage maize** 064860
of green fodder & **ensilage** in **practical** farm- 064861
of quality of combined **silages prepared** with 064835
E 280 for wilted **ensilage prodcution.** 064055
of industralised wilted **ensilage production.** 062502
for quantitative & **qualitative ensilage** accou- 064680
for lactating cows fed corn **silage roughage** 064653
harvesting equipment & **ensilaging** of **sugar** 068664
Corn **silage supplement,** good growing ration 064833
cattle fed on maize **silage supplemented** with 064651
finishing systems involving corn **silage, urea,** 064824
of sunflowers grown for **silage** in **Western** S- 068832
advantages of industralised **wilted ensilage** p- 062502
use of E 301 & E 280 for **wilted ensilage** pr- 064055

SILICA
interaction of humus acids with **silica acid,** s- 071875
electron microscopy of **silica bodies** & other 066947
Phytoliths: Natural **silica gel.** 071736
Formation of **siliceous urinary** calculi in cal- 064660

SILICATE
Biological weathering of **silicate minerals;** i- 068581

SILICON
Silicon controlled rectifier as a source for el- 071706

SILK
Silkworm & **silk.** [Marketing, production]. 062731

SILKWORM
Amino acid nutrition of **silkworm, Bombyx** 071400
Cocoonases of **silkworm moths:** catalytic pr- 071393
Silkworm & silk. [Marketing, production]. 062731
Silkworms weave new wealth for Mato Gro- 071382

SILOS
development of controlling systems of **silos.** 071547
Results of **building silo** cells. 071447
Active ventilation of metal **silo cells.** 071476
Management of large-volume **horizontal silos** 064056
are latest developments in **upright silos?** 071459

SILPHIDAE
near a kraft mill. **[Carabidae silphidae.** 070786
Phosphuga atrata L. **(Coleoptera, Silphidae)** 071052

SILT
Manuring of potatoes on **fen silt** soils in Ho- 072106

SILVER
their synthesis by **ammoniacal silver** reaction 068360
in White Leghorn & Lyallpur **Silver Black** 064405
of White Leghorn & Lyallpur **Silver Black** l- 064406
of White Leghorn & Layllpur **Silver Black** 065004
Investigations on **silver fir** gall midge, Agevi- 070565

SILVERFISH
Silverfish & firebrats, how to control them. 070589

SILVICULTURE
Calculations for terraces. **[Silviculture].** 066348
seedling growth on dry sites. **[Silviculture].** 066388
Report of results on **silvicultural operations** 066330
quality decline in **silvicultural performance.** 066332
Silviculture under **pressure** of landspace pro- 066331

SIMAZINE
dips for protection **against simazine** damage 070079
Application of **simazine & atrazine** in forest 070155
of trietazine & a trietazine/**simazine mixture** 069964
a mixture of trietazine & **simazine** in **peas.** 069965
containing metoxuron & **simazine** for **post-** 070062
of large doses of **simazine** in **uncropped** soil 070228

SIMULATION
Simulation: applications in agricultural eco- 062229
Experiments with Tricolium & **simulation.** 071068
Computer simulation of snowmelt within a 072466
example of use of **simulation** to **develop** an 072602
Dynamic simulation of vertical non-adsorbed 071868
erosion: Experiment with **rain simulator. [S-** 072299
Simulation of **rate** of spread of an aerial pre- 066317
Simulation technique used in evaluation of 063534
Sytem **theory, simulation** & planning of ma- 062785

SIMULIIDAE
of black flies (Diptera: **Simuliidae).** 070602
Migration of black fly larvae **(Simuliidae)** d- 070948
Chironomidae, **& Simuliidae** by **day** & night 070984
activity of black flies **(Diptera, Simuliidae)** 070986
from Republic of Zaire **(Diptera Simuliidae)** 071328
Metacnefia Crosskey **(Diptera, Simuliidae)** 071352

SIMULIUM
Simulium (Pomeroyellum) mayumbense, a n- 071328
turbidity of water. **[Simulium argyreatum,** 070948
oviposition of **Simulium damnosum** Theobald 071072
Feeding of **Simulium hargreavesi** Gibbins la- 070939
its development in **Simulium ornatum** (Mei- 065526
its development in **Simulium ornatum** (Mei- 065527
its development in **Simulium ornatum** (Mei- 070611
its development in **Simulium ornatum** (Mei- 070612

SINAPIS
of seeds of white mustard **(Sinapis alba).** 063396
mediated processes. **[Sinapis alba].** 067762

SINUS
Arterial blood supply of **sinus node** of mules 064454

SIPHONAPTERA
sp. nov. from Dashmir, India **(Siphonaptera:** 071292
mesoides skuratowiczi ssp.n. **(Siphonaptera)** 071302
epithelia of fleas **(Insecta, Siphonaptera).** [071016

SIRE
X environment interactions in **beef sire** eval- 065008

SISAL
Effect of various types of **sisal tow** on fructif- 069159

SITE
nature & affinity labeling of **allosteric site.** 064317
Food particles as a **site** for **biohydrogenation** 064315
Site demand & variety selection of poplars f- 066335
Site, establishment & maintenance in Popul- 066334
Effect of index age on precision of **site index** 066192
Practical utilization of **site mapping.** [Fores- 066215
Chemistry of adenosine **monophosphate site** 064318
Concepts & problems of **site-oriented** outdo- 062349
Varieties must be **site-oriented** for maximum 068669
Site-specific application of Betanil 70 in su- 070117
Site survey in Austrian forest survey, a help 066172

SITONA
Sitona beetles (Sitonini) observed on pea in 070498
behaviour & flight activity of **Sitona species** 070767

SITOPHILUS
of granary weevil, **Sitophilus granarius** L. (071002
of granary weevil, **(sitophilus granarius** (Col- 070781
to adults of rice weevil, **Sitophilus oryzae** L- 070338

SITOTROGA
angoumois grain moth, **Sitotroga cerealella.** 070884
angoumois grain moth **(Sitotroga cerealella** 070896

SKELETON
Development of **skeleton** of **extremities** in g- 064467
Growth patterns of **swine skeletons** of vario- 064548
Biological control of **skeleton weed.** [Chond- 070193

SKIDDING
Exploitation tests of forest **skidding cable** c- 066541

SKIM
coconuts for recovery of oil & **coconut skim** 063958
of pigs. Comparison between **dry skim** milk 064908
Iron absorption from **skim milk** enriched wi- 063227
Production of **skim milk** with added vitamins 063490
addition of vitamins to **skim milk.** 063531
concentrate as substitute of **skim milk** powd- 064764

SKIN
of Aujeszky's disease. III. **skin allergic** test 065701
in eye, cartilage & **skin** of **chicken** embryo. 064355
Treatment of outside **skin diseases** of anima- 065965
squamous-cell carcinoma of **skin** in a **dog.** 065937
of sheep relative to type of **skin folding** & g- 064529
Possibilities of using **skin follicle** characteri- 064562
Effect of phenol substances of **skin** of **grape** 069572
Pathology of **skin lesions** associated with M- 065538
of composition of **skin** in 18-**months'** old tw- 065092
On value of gel-diffusion & **skin tests** in dia- 065502

SLAG
development of trees on a **slag dump.** 066380

SLASH
Response of **slash pine** to drainage & rainfall 066308

SLAUGHTER
fleeces of cattle & sheep at **slaughter.** 063042
of veterinary students in **slaughterhouse.** 063181
technology in meat industry. **[slaughtering].** 063601
of veterinary students in **slaughterhouse.** 065295
fleeces of cattle & sheep at **slaughter.** 065418
of bovine tuberculosis in **slaughterhouse.** 065672
Slaughter animal & meat research in calf: A 063657
in meat & organs of **slaughter animals** fed z- 063179
of pregnancy in **slaughtered animals.** [Cattle 065057
in cattle as observed in **slaughtered animals** 065366
Miescher's tubules in **Bialystok slaughter** h- 065564
organization of a **slaughter bull** feedlots. 064209
Market for **slaughter cattle** & meat in Ger- 062769
Development of **slaughter cattle** production 064164
Development of **slaughter cattle** breeding in 064168
of Argentinian-Uruguayan **slaughter cattle,** 065964
Fattening, slaughtering & some interior pro- 064264
s tubules in Bialystok **slaughter house** in 19 065564
for purchasing **slaughter livestock.** 062747
Post **slaughter losses** in pigs due to Miescher 065564
Marketing, slaughtering & handling of lives- 062680
After-**slaughter output** & useful & comsumpt- 063638
between body dimensions of **slaughter pigs,** 064265
Post slaughter losses in pigs due to Miescher 065564
horn pregnancies in **slaughtered pregnant** na- 065058
conditions for **purchasing slaughter** livestock 062747
Fattening & **slaughter qualities** of mixed bre- 065100
Productivity, fattening & **slaughter qualities** 065191
of beef cattle for **slaughter** in **Queensland.** 062627
Cultural studies of **slaughter swine** with sus- 063178
to renewed interest in **slaughter swine.** 064793
Cultural studies of **slaughter swine** with sus- 065641
study of Argentinian-**Uruguayan slaughter** c- 065964
indexes of fattening & **slaughtering values.** 064265
A contribution to study of **slaughter values** 064266
in region of **slaughterhouse** in **Varna.** [Cysti- 065743
Peshawar region. II. **[Slaughterhouse waste,** 072112
protein hydrolysates from **slaughter wastes** 064761

SLEEP
REM [rapid-eye-movement] **sleep** in **goats** 064520

SLIME
Morphogenesis in **cellular slime** mould Dict- 066990
structures of phagotrophic **slime mold,** Phys- 067600
properties of **slime** from **propionibacteria.** [065531

SLIP
of four-wheel drive tractors at low **slips.** 071584
Influence of size of **pineapple slips** on plant 068491

SLOPE
of laying out field experiments on **slopes.** [068804
Improving pastures on **slopes.** 068885
early cabbage & tomatoes grown on a **slope** 072445
planting of grass on **slopes** of **drainage** cana- 071560
Agricultural development of **eroded sloped** l- 072275
Economic aspects of **sloping land** drainage. 062537
of low-yielding pastures on **sloping land** of 068719
studies of water flow in **sloped land.** 072295
Economic aspects of **sloping land** drainage. 072430
erosion-preventive measures on **sloping lands** 072297
using four-crop rotation on **slopes** with **light** 068887
study between surface & **slope ovens** for ma- 063302
Erosion processes on **southern slope** of Kar- 072332
reforestation of inner Alpine **sunny slopes.** 066400

SLOTS
lambs & yearlings on a **slotted floor.** 064238

SLUDGE
for manure & manure **sludge disposal** on land 072146
of utilization of **sludge** from **water** purificati- 072591

SLUGS
Early prediction of **slug damage** to potatoes 069883
in laboratory tests. **[Wheat, slugs].** 069809

SLURRY
Anaerobic digestion of dairy **farm slurry.** 072515
Manure & **slurry storage.** [Tanks, costs]. 062480
Keep clean water out of **slurry tanks.** [Man- 071974

SMEAR
Microscopic study of blood & **smear-prints** f- 065873

SMOG
Photochemical smog & ozone reactions. [Po- 072481

SMOKE
Analysis of commercial mosquito **coil smoke** 070599
on effect of tobacco **smoke condensate** on se- 067563
Smoke, grease aerosol & odor control in me- 072589
vegetation pollution by **industrial smoke** in 072585
Fire & **smoke** in **Montana** forests. 066104
Smoked mullet quality: An assessment. 063126
hot sausages without **smoking** with **spices** wi- 063593
Smoke spicing of meats & meat products. 063592

SMUTS
on development of proso **smut agent** in pure 067696
A new **anthericolous smut** of Caryophyllace- 066813
Peculiarities of black loose **smut attack** on 069415
of maize affected with **common smut.** [Listil- 069318
of common bunt of wheat & **covered smut** of 066069
inoculation of wheat plants with **loose smut** 069355

SNAILS
against giant african **snail, Achatina** fulica 069821
mites in mantle cavity of **freshwater snails.** 071089

SNOWS
Data on properties of **deposited snow** obser- 072459
Area of distribution of **snow heath** (Erica he- 066660
Studies on promotion of **melting snow.** [Wa- 072460
Snow white elecampane (Inula candida) a t- 066743

SOCIALISM
Twenty years of **Socialist agricultural** science 062227
Socialist economic integration & outlook for 062950
Guidance of **socialist emulation** in fodder pr- 062881
processing industry & **socialist farms** in Lo- 062352
under conditions of **socialist intensification.** 062347
Socialist intensification of forest production- 066291
contribution to **socialist intensification** & rat- 066537
farm cooperation & **socialist management** to 062345
a contribution to **socialist rationalization.** 066374

SOCIOLOGY
Sociology of **Limosella** aquatica L. 066830
Rural sociology & agricultural policy. [Belg- 062208

SOD
of liming on microflora of **sod-podzolic** soils 072144

SODA
evidence from **Ethiopian soda** lakes. 067594

SODIUM
on cation exchange of Na **[sodium]**-illite in 071779
leaf slices compared to **sodium absorption.** 068432
routine determination of **sodium benzoate** a- 063378
grain. I. Whole wheat plus **sodium buffers** or 064643
Quantitative principles of **sodium–calcium** 071877
Effects of **sodium carbonate** on carbon & nit- 071777
taste thresholds for **sodium chloride** among 063250

containing large amounts of **sodium chloride** 064660
Cytogenetic effect of **sodium chloride** on tis- 067406
Effect of **sodium chloride** on somatic embry- 068342
between age of bean leaves, **sodium export,** 067918
barley straw treated with **sodium hydroxide** 064605
volatiles, fungistasis, & **sodium hypochlorite** 069477
Influence of **sodium insufficiency** in fodder 064508
Sodium & magnesium contents of various cu- 068207
Degradation of lignin with **metallic sodium** 066491
renal excretion of **sodium, potassium** & chlo- 064256
substrate on content of **sodium & potassium** 068348
Blood electrolytes in cattle-**serum sodium** & 064398
of two doses of **sulfamethazine sodium** to L- 065336

SOFT

to pathogenesis of pale, **soft, exudative** pork 063632
Update on PSE [pale, **soft, exudative**] resea- 063645
to pathogenesis of pale, **soft, exudative** pork 065278
of ground water in **soft formations** & its util- 072415
biochemical aspects of **pale, soft** & exudative 063672
in life cycle of pathogens of **soft rots.** [Pect- 069601
of technological properties of **soft wheat** of 063739
of quality in intraspecific hybrids of **soft wheat** 067223
Yugoslav, Bulgarian & other **soft wheat** vari- 068816
Effect of fertilizers on quality of **soft wheat** 072066
interchangeable amino acids in **soft wheat** g- 067222
studies concerning detection of **soft wheats** 063819
quality of breeding base of **soft winter** wheat 067215
Breeding hard & **soft winter** wheat for quali- 067216
Production of composts from **soft wood** lum- 072015

SOFTWOOD

chlorthiamid) in planted areas of **softwoods.** 069973
properties of four **western softwoods:** white 066549

SOILS

Federal regulation of strip mining. [**Soils**]. 062874
Determination of phosphatic activity in **soils** 066600
to different concentrations of salt in **soils.** 067933
plant mass of corn from fertilizers & **soil.** 068063
forest types native to West Virginia. [**Soils**] 068533
wheat & corn & nutritional conditon of **soil** 068618
Fusarium oxysporum f. sp. melonis in **soil.** 069256
wilt of khesari (Lathyrus sativus) in **soil.** 069368
roseum f. sp. Cerealis 'Culmorum' in **soil.** 069494
physico-chemical characteristics of **soils.** 069535
osyl thioformimidate) applied to **soil** at plan- 069758
Root function & **soil.** [Herbicides]. 069949
of DNOC [dinittrocresol] in **soils:** effect of 069999
methachlorphenprop) in **soil.** 070000
Herbicide movement & availability in **soils.** 070021
prediction of leaching of herbicides in **soils.** 070104
Processes affecting herbicide action in **soil.** 070181
of acid & ester forms of 2,4-D on **soils.** 070229
studies with bromoxynil octanoate in **soil.** 070719
Problem of nitrogen reaching from **soils.** 070949
of ammonia & nitrogen dioxide from **soil.** 071723
wheat & corn & nutritional conditon of **soil** 071727
model of nitrification process in **soil.** 071740
chlorophenoxyacetic acids from **soil.** 071753
isotherms & phosphate desorption. [**Soils**]. 071766
Federal regulation of strip mining. [**Soils**]. 071771
immobilization of nitrogen in **soil.** 071778
of studying organic substances of **soil.** 071790
optical nitrogen-15 analyser. [**Soils**]. 071793
clay-humic acid complex formation. [**Soils**]. 071794
of organic carbon estimation in **soils.** 071797
Paradox of phosphorus. [**Soils**]. 071828
determination of micronutrients in **soils.** 071832
elimination of secondary salinization. [**Soils**] 071833
activities of beech forest litter & **soil.** [Fagus 071836
coefficient of moisture conductivity of **soils.** 071839
Processes affecting herbicide action in **soil.** 071858
Zeolites of some **soils.** 071872
Nocardia & Pseudomonas from **soil.** 071906
effect of fertility factors on yield. [**Soils**]. 071917
dynamics of moisture in active layer of **soils** 071918
of studying biophysical processes of **soil.** 071923
with organic & inorganic fractions of **soil.** 071936
measuring change in relative pressure in **soil** 071949
amounts of phosphorus & potassium in **soil.** 072121
phosphorus & potassium content of **soil.** 072142
capacity of polymer-structure formers. [**Soils**] 072194
crops in crop rotation & properties of **soil.** 072241
layer to control evaporation losses in **soil.** 072267
Erosion-proofing drainage channels. [**Soils**]. 072283
of crop rotation on physical properties of **so-l** 068900
of leaf litter at low temperatures. [**Soils**]. 071760
mineralisation of organic matter added to **so-l** 071777
Experiment with rain simulator. [**Soils**]. 072299
persistence in **soil** & **accumulation** of residu- 070460
extractable aluminum in strongly **acid soils** 071781
species of grasses & legumes to **soil acidity.** 067926
tolerance of vegetable crops to **soil-acting** h- 070050
Soil actinomycetes in Latvia. II. Non-pigm- 071821
Effects of **soil** on **activity** of pentachlorophe- 070199
root adsorption of plants & **soil adsorption.** 067555
management of salt-**affected soils.** 072256
of compression stability of **soil aggregates.** 071905
Soil-agrochemical aspects of study of micro- 071899
grain crop yields by **soil-agrochemical** zones 072121
Variation in soil water & **soil air** contents a- 071850
urea hydrolysis in several **Alberta soils.** 071866
Alkali soils & Solonetz soils. 071719
yield bumper crops. [Saline soils, **alkali soils,** 072280
mineralogy of Kolkhida **alluvial soils.** 071873
Contributions to study of **alluvial soils** from 071933
depths, seasonal changes, **soil amendments** 069535
characters of an extended **soil analysis.** 068865
of fulvic acids on coal. [**Soil analysis**]. 071843
characters of an extended **soil analysis.** 071946
Soil analysis: an aid in fertilization of veget- 072138
Effect of **soil application** of fungicides on in- 069364
Properties of **soils** under **application** of fly-a- 071747
in potato tubers following **soil applications.** 070460
Soil-applied herbicides in practice. 069950
Behaviour of six **soil-applied** herbicides in s- 070001
decree on protection of **archaeological soil** t- 066286
Natural **soil areas** in lower Segura plain: Fo- 071738
minerals & **soils** with action of **artificial** str- 072195
concentration] Chilean volcanic **ash soils** "t- 071909
Characteristics of clayey **soils associated** wi- 071857
of phosphates on yield, **available soil** phosp- 068129
A sequence of **soils** in middle **Awash** valley, 071912
of Pseudomonas stutzeri. [**Soil bacteria**]. 071717
pasture on a sulphur deficient **basaltic soil.** 071997
properties of some **soils** of **Belorussian** SSR 071945
Long-term protective action of **benomyl soil** 069508
Soil & berberis. 069085
plow forces & position of plow in a **soil bin.** 071567
Present trends of study of **soil biology** in U- 071897
Soil Biology Department & development of 071937
cucumbers in meadow-**bog soils** of Kzyl-Orda 066919
hydrolytic acidity of peat-**bog soils** by Kapp- 071814
of Kola Peninsula peat-**boggy soils** under eff- 071880
Fertility of reclaimed peat-**boggy soils** as aff- 072175
Comparisons of **soil-borne** wheat mosaic vir- 069686
Recent topics on control of **soil-borne** plant 069752
manganese-iron concretions in **soils** of **brown** 071734
microorganism number in dark-**brown soils** 071827
problems of determination of **brown soils.** 071896
Changes of **brown soil** structure at Demano- 071952
Soil & bush management studies on goosebe- 068975
of algae in cultivated soddy **calcareous soil.** 071729
with strip application on **carbonate soils.** 071978
system in drained bog-**carbonate soils.** 072225
K-9 for controlling irrigation-**caused soil** ero- 072318
Soils of **certain** biogeocoenoses of arid open 066864
to soil depths, seasonal **changes, soil** amen- 069535
of forest trees & shrubs on **Chernozem soils** 066162
value of winter wheat on **chernozem soils.** II 068827
of dilute salt solutions on **Chernozem** soil es- 071796
nitrogen in leached **Chernozem soil** of Kras- 071838
foothill carbonate **Chernozem soils** & on co- 071848
oblained on dextran gels. [**Chernozem soils**] 071864
of moisture in leached **Chernozem soils** of 071921
use of fertilizers in heavy **Chernozem soils** 071977
wheat grain in leached **Chernozem soil** relat- 072064
wheat grain in leached **Chernozem soil.** 072221
of plowing depth in **Chernozem soils** of Sta- 072329
when irrigated in light **chestnut soils.** 068711
pastures on sloping land of **Chestnut soil** re- 068719
degrees of crumbling of light **Chestnut soils** 071795
County, San Pablo. II. **Soil classification.** 071890
Experimental drainage in **clay soils** (Pertho- 072260
Characteristics of **clayey soils** associated wi- 071857
identification of kaolinite in **soil clays.** 071754
uptake of nutrients in various **soil-climatic** r- 067882
of pesticides in soils & in **soil colloid** syste- 070679
Effect of different degrees of **soil compacting** 068827
soil-applied herbicides in **soil--a comparison** 070001
test sample of light textured **soil complexes** 071961
in **soil** after their **concentration** by extracti- 071804
Correlation between **soil conditioners,** micro- 071959
industrial products as **soil conditioners** in a- 071992
Soil conditions of an experimental area in c- 071774
as factors for regulating **soil conditions** of p- 072193
forage lupine in sandy **soil conditions.** 072238
as factors for regulating **soil conditions** of p- 072462
of statutes relating to **soil conservation,** set 063013
Soil conservation on "Dunrossie" -Wagga D- 072290
Soil conservation structures for marginal ar- 072292
plant materials center. [**Soil conservation**]. 072305
Soil conservation. 2. Land-capability classifi- 072336
Present status on **soil contamination** & its c- 071851
Eimeria necatrix in **soil content** of laying h- 065658
Edaphic control of plant distribution in Whi- 066839
Runoff control as a means of **controlling soil** 072277
potassium in Gilpin & **Cookport soils.** 071953
methods of restoring & **re-cultivating soils** in 072264
acid treatment & **soil cultivation** in autumn. 070121
Modern **soil cultivation--**but how? 072289
herbicides & post-planting **soil cultivations.** 069129
rolfsii produced in **soil** or in **culture** regardi- 069477
Effect of addition of **soil** on **decomposition** 072108
Effect of **soil density** on germination of seeds 068193
Partial evaluation of **soils depending** on cult- 071818
in soddy-podzolic **soils depending** on quantit- 072141
III. Fungistasis in relation to **soil depths,** s- 069535
decomposition by microflora of **desert soils.** 071826
On **soil diagnosis** with use of a learning co- 071831
disease by steaming of **soil** at **different** tem- 069930
potassium by plants from **different soil** & b- 071820
Rhizobium japonicum with **soil** & **different** 072101
K [potassium] on **soils** of **different** available 072105
on yield of wheat grown on **different soils.** 072232
of stroniium 89 adsorption in **different soils** 072484
of pear trees in relation to **soil** in **Diniester** 068478
Soil diseases in strawberry plant. 069792
Moisture movement in **soil due** to a moisture 071803
Content of vitamins in **soil** & their **effect** on 067991
nitrogen fertilizers in **soil** & their **efficiency** 071815
Soil entomofauna on inland & coastal dunes. 070998
Influence of forest on **soil entomofauna** of b- 071000
pastures in soddy-podzolic **eroded soils** of hi- 068757
of humus & nitrogen in **eroded soils.** 071816
Properties of **eroded soils** & micronutrient c- 071943
cover crops on surface run-off & **soil erosion** 072253
Soil erosion by water in a Mediterranean cl- 072263
machine complex for control of **soil erosion** 072271
as a means of controlling **soil erosion** & dro- 072277
Studies on **soil erosion** control. 4. hydraulic 072295
of Nerosine in cotton fields. [**Soils, erosion** 072311
controlling irrigation-caused **soil erosion** with 072318
Forest, Hampshire, England. [**Soil erosion**]. 072335
Economics of possible **soil erosion** control in 072343
of new scientific investigation on **soil erosion** 072345
in association with possible **soil erosion** con- 072346
Regularity of **soil erosion** & related process- 072347
Soil erosion in piedmont & mountain regions 072348
controlling irrigation-caused **soil erosion** with 072464
salt solutions on Chernozem **soil estimated** 071796
Use of **soil evaluation** data related to effecti- 062267
sugar beets & characters of an **extended soil** 068865
acid oxidases. [Assay methods, **soil extract,** 067545
Edaphic factors in species & ecotype differe- 066853
Influence of **soil factors** on availability of at- 069998
on an orchard sward & on **soil fauna.** 070077
Influence of Hygromull on **soil fauna** in aza- 071787
of inter cropping on some sandy **soil fertility** 068896
forage crops on brown sandy **soil fertility** in- 068907
Soil fertility problems associated with land 071812
Testing of **soil fertility.** 071894
Biological activity & **soil fertility** with vario- 071920
Research on **soil fertility** & fertilizatin in T- 071986
Soil fertility experiments with tomatoes, 19 071988
Soil fertility: one key to top quality forage. 072018
Biological activity & **soil fertility** with vario- 072312
period of tilling ground & **soil fertilization** 068851
Progress of **soil & fertilizer** sciences in Tai- 071711
Minerological content of **floodplain soils** of 071837
Effect of **soil, foliar** & time of application of 072024
of residues in potato tubers **following soil** a- 070460
winter wheats in light gray **forest soils** of G- 068026
drive for rotary tillers of **forest soil.** 071623
Results of testing **forest soil** rotary tiller. 071624
bromine & iodine in Norwegian **forest soils** 071792
ion transport in a Douglas-fir **forest soil** in 071807
of aggregates of light-grey **forest soil.** 071844
of ammonia volatilization from a **forest soil** 071863
Leaching nitrogen from **forest soil.** 071930
regions of plant growth & **soil formation** on 067685
composition as indicators of **soil formation** 071879
Features of **soil formes** as a result of minera- 071941
Physicochemical studies of **soil fulvic** acid. 071713
Effect in vitro of **soil fumigants** on soil micr- 069634
crop disposal methods & **soil fumigation** on 069761
Observations on **soil fungistasis.** III. Fungis- 069535
type on nitrogen balance in **Galician soils.** 071991
implications for tree nutrition **& soil genesis** 068581
of gray podzolized surface-**gleized soils** of w- 072322
Acid illuvial-**gley soils** of West Siberian Mi- 071878
Amounts of mercury in **soil** of some **golf** cou- 071752
Relationship between texture of **"grape soils"** 069936
nutrients to drainage from **soil** under **grass.** 071802
on groundnut kernels & in **groundnut soils.** 069536
Mathematical basis of **grouping soils** togeth- 071847
supply of macrophytes of **hard soils** along s- 066790
Effect of after-**harvest soil** tillage & catch c- 068895
Healthy **soil--healthy** vegetation--healthy fo- 072143
results of actual observations of **soil heat** tr- 071467
of Porchet method to **heterogenous soils.** 071855
Manganese studies in some **soils** with a **high** 071862
with organic substances of **soil** by **high** freq- 071934
Influence of **soil humidity** on entering of str- 067562
of fly-ashes on composition of **soil humus.** 071747
contamination of some **soils** in **Hungary.** 072483
of lime in sugar beet. [**Soil hydrogen**-ion co- 071998
classification of some **soils** from **hydrografic** 071892
of some **soils** from **hydrographic** basin of Ti- 071890
on water & salt balance of **improved soils.** 071788
Hydrogeological & **soil improvement** service 072379
Effect of **increased soil** nitrogen associated 068626
Plant **induced soil** salinity patterns in two s- 071809
Stop **soil insects.** 070249
Reducing amount of **interrow soil** loosening 070205
Manganese in **irrigated soils** of Andizhan R- 071720
Moisture space variability of an **irrigated so-l** 071881
indices & fertility of **irrigated soils** of Trans- 071925
interrow (rotary) tillage of **irrigated soils** in 072326
Soils of **Kucuk** Menderes Valley, Turkey. 071955
from soil under grass. [**Soil leaching**]. 071802
on Nutrient Losses from **Soil** by **Leaching &** 071810
Soil & leaf nutrient surveys for discriminato- 072178
mineral fertilizers to sub-radicular **soil levels.** 071785
four-crop rotation on slopes with **light soils** 068887

in a crop rotating unit on **light soils.** 068888
in monoculture on properties of **light soils.** 068889
monoculture on fertility of **light soils.** 068890
on some physical properties of **light soil.** 068891
profitable grain cultivation in **light soils** in 068893
crops on some properties of **light soils** & yie- 068895
European yellow lupine seeds on **light soil.** 068898
crop yields & some properties of **light soil.** 068905
cultivated plants growing on **light soils** under 068909
on crop yields in crop rotated **light soils.** 068910
of cyanazine as a herbicide on **light soils** at 069970
potassium oxide & magnesium in **light soils** 072240
crop yields & some properties of **light soil.** 072340
intensity on chemical properties of **light soil** 068892
under various crop rotation on **light soils.** 070237
husk on crop growth on a sandy **loam soil.** 072087
of fertility on sandy & sandy **loam soil** in a 072246
of nitrogen in bog-podzolic, light **loamy soil** 071944
Reducing amount of interrow **soil loosening** 070205
is predicted by adapting universal **soil loss** 072265
Runoff & **soil losses** on Hagerstown dilty cl- 070148
in agriculture by means of **soil machines.** [070114
factors on algae count in **main soil** types of 067400
Soil maintenance in grape culture. 072203
DDT insecticides from **soil** into **maize** plants 070352
Soils of **Malaysia;** a review of investigations 071911
Effects of **soil management** & NPK [Nitrog- 068974
Effects of **soil management** on numbers of r- 069768
Soil management in autumn. 072287
reduction of sulfates in **soils** of **Mangyshlak** 071730
pyrophosphates in some **Manitoba soils.** 072006
in small test quantities. [**Manures, soils**]. 071901
in correction of large-scale **soil maps.** 071819
on microflora of sierozem-**meadow soil** of co- 070151
Relict features in **meadow soils** of Tambov l- 071846
sugar beets grown in Sierozem **meadow soils** 072463
On feasibility of replacing **mechanical soil** ti- 070203
Innovations in science of **mechanical soil** pr- 072327
d-amino acid oxidases. [Assay **methods, soil** 067545
in vitro of soil fumigants on **soil microbial** p- 069634
carbohydrate utilization by **soil microflora.** 071900
genus Bacillus Cohn. [**Soil microorganisms**] 071903
of aerobic bacteria. [**Soil microorganisms**]. 071904
of soil aggregates. [**Soil microorganisms**]. 071905
Direct-seeding onions on **mineral soils.** 069104
Results of **minimum soil** tillage. 072285
A new species of **soil mite** from western Col- 071193
Modern soil cultivation--but how? 072289
of forest shelterbelts on **soil moisture** of adj- 066163
to membrane activity & **soil moisture.** [Peas 067393
pressure deficit] of leaves & **soil moisture** st- 067397
Effects of **soil moisture** stress on two varieti- 067976
beet under different **soil moisture.** 068331
of fruit trees with varying **soil moisture.** 068378
Effect of **soil moisture** on amount of carboh- 068380
to nutrition conditions & **soil moisture.** 068383
regime of peas with varying **soil moisture** & 068408
in Taiwan. II. Effect of **soil moisture** & che- 069301
to membrane activity & **soil moisture.** [Peas 071709
Soil moisture movement under temperature 071758
Effects of **soil moisture** stress on two varieti- 071772
Soil moisture available for plant growth in 071801
Soil moisture dynamics in drained forests. 071825
of mechanical composition on **soil moisture** 071895
Potassium hunger in **Montana soils.** 072151
Soil morphology & soil physical properties. 071762
Patterns of **soil mositure** depletion in a mix- 066328
On **multilayered soils** of different age in Ri- 071842
Soils in **Muszkowicki** Fagus Forest Reserve 071853
Natural soil areas in lower Segura plain: Fo- 071738
Effect of increased **soil nitrogen** associated 068626
Sampling for **soil nitrogen** changes in large 071765
Effect of increased **soil nitrogen** associated 071996
Note on **soil nitrogen** fertility levels & sorg- 072094
of agrophysical properties & **soil nutrition** c- 067056
Studies of some **soils** in **NW** Himalayas & h- 071782
fractions present in central **Oltenian soils.** 071931
Pratylenchus penetrans in **soils** of **Ontario** 069768
Cobalt in **orchard soils** of lowland Dagestan 071721
in hay from reclaimed **organic soils** of centr- 068206
deficeiency of sugar beet in **organic soils.** 069884
control in Brassica crops on **organic soils.** 070048
interactions of paraquat with **soil organic** m- 070231
interactions of paraquat with **soil organic** m- 070232
interactions of paraquat with **soil organic** m- 071956
interactions of paraquat with **soil organic** m- 071957
response of a newly broken **organic soil.** 072004
Soil organo-mineral complex in relation to 070022
mechanism of manganese in **paddy soils.** 3. 071811
rheological coefficients & **soil parameters** in 071735
ion concentration] of saturated **soil paste** & 071798
distribution of microelements in **peat soils.** 071915
Agrotechnical complex on **peat soils.** 072337
by different species of **soil Penicillium.** 067697
of bacteria in glycine-**percolated soil** in "two 071910
Transport by **soil percolation** of nutritive su- 071785
Measure of **soil permeability** in field: A new 071855
pedologic study of **soils** of **permocarbon** of 071898
mineral nitrogen in some **soils** of **Peshawar** 072112
classification of **soils** of **Philippines.** 071916
selected grasses & forbs on **soil phosphatase** 071748
on yield, available **soil phosphorus** & phosp- 068129
Soil phusics. 2. Basic knowledge for agricul- 071852
Soil morphology & **soil physical** properties. 071762
interpreting investigations on **soil physics.** 071958
study of sandy-desert terrain. [**Soils, plant** e- 066873
Ionic relationships of **soil** & **plant.** IV. Ion 067393
of carbon dioxide gradients in a **soil-plant-a-** 067743
A differential psychro test of **plant-soil-wea-** 067745
measuring carbon transfer through **plant-soil** 068125
Soil-plant nutrition studies on tropical rice. 068156
Ionic relationships of **soil** & **plant.** IV. Ion 071709
study of sandy-desert terrain. [**Soils, plant** e- 071829
of carbon dioxide gradients in a **soil-plant-a-** 071854
measuring carbon transfer through **plant-soil** 071865
Soil-plant nutrition studies on tropical rice. 072191
contamination in food chain (**soil** x **plant** x 072584
by use of herbicides & post-**planting soil** cul- 069129
Selenium in food chain. [**Soils, plants,** anim- 067546
Masurement of water potential. [**Plants, soi-s**] 067627
Selenium in food chain. [**Soils, plants,** anim- 071767
of winter wheat in bog-**podzolic soils.** 068196
Structure & cation content of a **podzolic soil** 071769
structural state of bog-**podzolic soils.** 071926
manure mixes on bog-**podzolic soils** of Mosc- 071979
on annual legume crops in bog-**podzolic soil** 071984
vegetable crops in loamy bog-**podzolic soil**- 072123
of crop predecessors in soddy-**podzolic soils** 072141
of liming on microflora of sod-**podzolic soils** 072144
air conditions of loamy, bog-**podzolic soils** of 072465
fertility of dark gray **podzolized soil.** 068617
Economics of **possible soil** erosion control in 072343
of farming in association with **possible soil** 072346
in science of mechanical **soil prepara** tion. 072327
Machines & implement for **soil preparation,** 071636
turnover & their role in **soil processes.** 071876
of content of organic carbon in **soil profile.** 071965
II. Effect on some **soil properites.** 071964
on plant yields & some **soil properties.** I. Ef- 068903
herbicides based on **soil properties.** 070173
sulphur content & other **soil properties** after 071741
Change in **soil properties** in clearing strips 071823
on crop yields & some **soil properties.** II. Ef- 071964
on plant yields & some **soil properties.** I. Ef- 072244
on crop yields & some **soil properties.** II. Ef- 072245
indicators of some **soil properties.** 072344
in mountainous regions & **soil protection.** 072254
in mineral fertilizers to sub-**radicular soil** le- 071785
reducing microorganisms in **soil** & **recent** m- 071908
Preliminary results of **soil-reclamation** resea- 072268
Soil reclamation significance of cultivated & 072273
crops. [Saline soils, alkali **soils, reclamation** 072280
Paspalum vaginatum, **Soil reclamation**]. 072301
development. [**Reclamation, soils**]. 072304
Detailed **reconnaissance soil** survey of Nan 071927
Reconnaissance soil survey of peninsular Th- 071929
Effect of **reduced soil** tillage in a three year 068905
microorganisms in **soils** & **reduction** mechan- 071811
on sloping land of Chestnut **soil region** of V- 068719
Eragrostis curvula Nees), in a **regosol soil** of 068145
fertilizers as factors for **regulating soil** cond- 072193
water-retention capability of **soils** in **relation** 071919
microorganisms in waterlogged **soil relative** 071731
grain in leached Chernozem **soil relative** to 072064
Genetic study of same **rendzina soils** from 071739
nitrogen in **soil** with non-**replaceable** culture 071948
on permeability of **soils** of **representative** ba- 071856
Results of testing forest **soil rotary** tiller. 071624
Use of **routine soil** tests in predicting corn l- 072011
on different types of **soil** i n **Rumania.** 068908
Some results of leaching **saline soils** of Salsk 071883
Leaching of **saline soils** with different types 071884
lands yield bumper crops. [**Saline soils,** alka- 072280
Leaching of heavy textured **saline soils** on 071712
Plant induced **soil salinity** patterns in two s- 071809
of viable weed seeds in **soil samples.** 070226
of infrared spectra of some **soil samples.** 071715
Dynamics of moisture in **sandy soils** under 068894
Effect of inter cropping on some **sandy soil** 068896
on dynamics of moisture in **sandy soil** under 068901
forage production in farms with **sandy soils.** 068904
forage crops on brown **sandy soil** fertility in- 068907
Use of sugar beet herbicides on **sandy soils.** 069960
Segura plain: Formation of **sandy soils** in S- 071738
Studies on some deep **sandy soils** in Cape Y- 071742
Studies on some deep **sandy soils** in Cape Y- 071743
characterization of some **sandy soils** of left 071932
on dynamics of moisture in **sandy soil** under 071963
potassium status of **sandy soils.** 072005
of fertilizers on a very acid **sandy soils.** 072177
of cucumbers growing in **sandy soils** under i- 072207
fertility indicator on **sandy soils** of diluvial 072237
system of yellow forage lupine in **sandy soil** 072238
improvement of properties of **sandy soils.** 072242
of deep tillage on properties of **sandy soils** 072341
of gases emanating from a **saturated soil** sys- 071749
ion concentration] of **saturated soil** paste & 071798
in correction of large-**scale soil** maps. 071819
th anniversary of Chair of **Soil Science** at 071834
data with small samples. [**Soil science**]. 071922
Department & development of **soil science** in 071937
carried out by Institute for **Soil Science** & 072183
Management at State College of **Soil Scien-e** 072440
Dr. Zygmunt Zimniak. [**Soil scientists**]. 071966
benomyl & thiabendazole in **seedand soil-tr-** 069239
mobile manganese in **soils** of **Semipalatinsk** 071841
associated with a vegetation-**soil sequence** in 071850
Manuring of potatoes on fen **silt soils** in Ho- 072106
Studies on **simplified soil** tillage. II. Effect 068900
A **simplified soil** temperature regulation sys- 071789
desorption of pesticides in **soils** & in **soil** col- 070679
of Solonchak & **Solonets soils** of subzone of 071840
wheat grain in dark Chestnut **Solonets soils** 071981
Alkali soils & **Solonetz soils.** 071719
of chloride content of **soil solutions** by auto- 071716
amount of tillage in **soils** of **southern** Kuban 072315
Spring soil working & sowing. [Grain]. 068806
Effects of **soil sterilisation** with steam-air m- 068462
Stop soil insects. 070249
Soil structure & corn yield in pampa region 068823
Changes of brown **soil structure** at Demano- 071952
of Macrophomina phaseoli in **soil studied** wi- 069499
iodine in Norwegian forest **soils studied** by 071792
Soil-suction measurements for evaluation of 071808
of a biological factor in **soil** that **suppresses** 069479
tilth & heterogeneity of **soil surface** on radic- 068630
of precipitation formed near to **soil surface.** 072396
Detailed reconnaissance **soil survey** of Nan 071927
Reconnaissance **soil survey** of peninsular Th- 071929
molybdenum in Belorussian **swamp soils** of 071942
carbon transfer through plant-**soil system.** 068125
emanating from a saturated **soil system.** 071749
carbon transfer through plant-**soil system.** 071865
Effects of **soil temperature** on early growth 067934
Soil temperature & moisture conditions in r- 068301
Effect of **soil temperature** on survival of Fus- 069537
Effects of **soil temperature** on early growth 071751
Soil temperature & moisture conditions in r- 071759
A simplified **soil temperature** regulation sys- 071789
Summary of **soil test** data & fertilizer & lime 071994
Use of a fertility index in **soil test** interpret- 072013
Use of routine **soil tests** in predicting corn l- 072011
test on test sample of light **textured soil** co- 071961
in hot spring effluents, **thermal soils** & self- 065585
Effect of after-harvest **soil tillage** & catch c- 068895
Studies on simplified **soil tillage.** II. Effect 068900
Effect of method of **soil tillage** & fertilizers 068901
Effect of reduced **soil tillage** in a three year 068905
of replacing mechanical **soil tillage** with her- 070203
Soil tillage & grain sowing. [Equipment]. 071573
Effect of method of **soil tillage** & fertilizers 071963
Effective procedures for **soil tillage** in a syst- 072272
Results of minimum **soil tillage.** 072285
Results of **soil tillage** experiments in viticul- 072303
of replacing mechanical **soil tillage** with her- 072310
On zonal system of **soil tillage** in Crimea. 072313
Developing theory of **soil tillage** in recent y- 072319
in some problems relating to **soil tillage.** 072328
Effect of reduced **soil tillage** in a three year 072340
Mathematical basis of grouping **soils togeth-r** 071847
on protection of archaeological **soil treasures** 066286
thiabendazole in seedand **soil-treated** plants, 069239
protective action of benomyl **soil treatment** 069508
Soil treatments for corn culture. [Insecticid- 070377
of electrical conductivity of **tropical soils** of 071783
Crop rotation as related to **soil type** & vari- 069847
in winter rape depending on **soil type** & hu- 070132
Influence of **soil type** on fixing activity & vi- 071951
factors on algae count in main **soil types** of 067400
of large doses of simazine in **uncropped soil** 070228
Vertical movement in an **undisturbed soil:** c- 071776
is predicted by adapting **universal soil** loss 072265
elongatum, Paspalum **vaginatum, Soil** recla- 072301
Manganese status of some Fraser **Valley soi-s.** 071763
crop uptake of nutrients in **various soil**-clim- 067882
Residues of simazin in **soil** & in **various** org- 069939
in leaves of fruit trees with **varying soil** moi- 068378
On water regime of peas with **varying soil** 068408
under varied land use. [**Soils, vegetation**]. 066883
contents associated with a **vegetation-soil** se- 071850
crops in loamy bog-podzolic **soil--vegetative** 072123
A comparative study of **soil versus** foliar ap- 068044
of different ages & influence of **soil water** s- 067940
Influence of low plant & **soil water** potentia- 069471
of saturated soil paste & 1:2 **soil water** susp- 071798
Variation in **soil water** & soil air contents a- 071850
bacteriophages from **soil** & **water.** 071902
of microorganisms in **waterlogged soil** relati- 071731
psychro test of plant-**soil-weather** relationsh- 067745
residues on following cropping. [**Soils, wheat**] 069751
on physical properties of **soil** under **winter** 072251
Spring **soil working** & sowing. [Grain]. 068806
A selective medium for isolation of **soil yeast** 071907
micronutrient application in red-**yellow soil** 072080
Water erosion of **soil** in **Zolkiewka** River B- 072342

SOLANACEAE

evaluations of some **solanaceous plants** a sp- 070465

SOLANUM

Solanum alkaloids: biosynthesis & inhibition 063122
Studies on tuberization in **Solanum andigena.** 068413
of potato species of **genus Solanum** L., secti- 067357
in detached leaves of **Solanum laciniatum.** 063997
Agrotis segetum on **Solanum laciniatum** sta- 070262
Meiosis in **triploid Solanum** tuberosum L. [066975

in storage tissue of **Solanum tuberosum** L. 068260
in two varieties of **Solanum tuberosum** L. [068294
Incubation of **Solanum tuberosum** L. tubers 068295
infected by potato virus X (**Solanum virus** 1, 069725

SOLAR
pinyon-juniper on net **radiation, solar** radiat- 066862

SOLENOPSIS
evolution in fire ant venoms. [**Solenopsis**]. 070888
Solenopsis richteri, **Solenopsis invicta.** 070238
ant. [Solenopsis richteri, **Solenopsis invicta**] 070258
orientation in fire ant (**Solenopsis saevissima**) 070903

SOLID
Properties of **solid emissions** in coking plant 072597
properties of semi-**solid foodstuffs:** viscoelast- 063399
effect of combustion method using **solid fuel** 069827
Solid manure of liquid manure from laying 064129
by affinity chromatography on a **solid-phase** 065584
core size, specific gravity, & **soluble solids** in 068372
Solid transport & sedimentation. [Watershe- 072452
Solid waste management in wholesale food 072557
Solid wastes in meat packing industry. 072588

SOLONCHAK
On characteristics of **Solonchak** & **Solonets** 071840

SOLONETZ
Alkali soils & **Solonetz soils.** 071719

SOLUBILITY
Soluble acid phosphatases from posterior re- 070924
Precipitin test & **soluble antigen** fluorescent 065391
Regulation of water **soluble calcium** in chee- 063486
factors on content of **soluble carbohydrates** 068208
glycol as a water-**soluble digestion** marker in 064416
Effect of water-**soluble film** on insecticidal a- 070264
of forest litter water-**soluble humus** acids. 071886
seasonal changes of calcium-**lactic-soluble** p- 072142
Water-**soluble metabolites** & their role in pl- 068538
ammonium uptake from **soluble nutrient** & 067573
acid composition of water **soluble proteins** of 068075
core size, specific gravity, & **soluble solids** in 068372
Proteins with an **unusual solubility** in saliva- 070757

SOLUTION
is searching for **solutions** to **achieve** balance 062853
for fatty acids in **buffered solutions.** 063392
effect of a salt **solution containing** ammoni- 064619
ion concentration of **culture solution** on gro- 068399
mechanism of manganese in **culture solution** 071811
evaluation of **economic solutions.** [Agricultu- 062251
Efficient solutions to problems of irrigating 072410
of hatching eggs in **erythromycin solution** pr- 065494
for joint application of **solution fertilisers** & 069991
Intensive farming--a **solution** for **India's** food 062880
in water & petkolin-**kerosine solution** in wa- 070715
Liquid ammonia & **nonaqueous solutions** of 063840
hatching eggs in erythromycin **solution prior** 065494
methods in **solution** of **problems** of cooperat- 062324
Solution properties of amylose acetate-g-poly 063444
milk production. 3. effect of a **salt solution** 064619
in Fusarium in sterile **salt solutions.** 069495
Effect of dilute **salt solutions** on Chernozem 071796
of chloride content of **soil solutions** by auto- 071716
soil in "two-layered **sucrose solution** system 071910
salts on properties of **sugar solutions** when 063803
point & supersaturation of **sugar solutions.** 063850
Protection problems & **suggested solutions** 066514
soil in "two-layered sucrose **solution system** 071910
bean mottle virus in **solutions** of **various** ele- 069653

SOLVENT
of anhydrous ammonia & **organic solvents** w- 063826

SOMATIC
sodium chloride on **somatic embryogenesis** 068342
Somatic mutation rate in Tradescantia [ohi- 067299
histogenetic point of **somatic mutations** in c- 067181
in feed & its effect on **somatic toxocara** canis 065599

SONCHUS
SEE COMPOSITAE

SOPHORA
peat media. [Catalpa **bignonioides, Sophora** 068227
Millettieae Hutch. [**Sophora burmanica**]. 066744

SORBATE
sodium benzoate and/or **potassium sorbate** in 063378

SORBITOL
Sorbitol in **food** & condiments. 063292
in apple fruits as related to **sorbitol levels** in 068251

SORDARIA
Segretation of genes in **Sordaria brevicollis.** 067154

SORGHUM
mildew (Sclerospora sorghi) in **sorghum.** 067277
transpiration resistance. [**Sorghum**]. 067885
Effects of drought in maize & **sorghum.** 067898
C3 pathway following anthesis in **sorghum.** 067906
floral initiation & leaf number in **sorghum.** 067967
research on photosynthesis of **sorghum** (Sor- 068185
mildew (Sclerospora sorghi) in **sorghum.** 069380
on expression of downy mildew of **sorghum.** 069538
of greenbugs on charcoal rot of **sorghum.** [S- 069557
Greenbugs on **sorghum.** 070320
Greenbug control on **sorghum.** [Schizaphis g- 070385
of greenbugs on charcoal rot of **sorghum.** [S- 070405
on expression of downy mildew of **sorghum.** 072174
Sorghum almum, a perennial sorghum. 068820
Five years of **sorghum breeding.** 067295
technology of **sorghum** in **Cameroun:** Influe- 063225
from corn & **sorghum** in South **Dakota.** 069691
of iron by sorghum roots (**Sorghum dochna** 068177
Newly bred **forage sorghum** variety "Senda- 068686
digestibility of phosphorus in **sorghum grain** 064732
High mositure **grain sorghum** preserved with 064849
Evaluation of corn & **grain sorghum** rations 064851
way & single crosses of **grain sorghum.** 067113
Physiologic maturity in **grain sorghum.** 067958
water requirement for **grain sorghum** produc- 068180
AKS-618, a new hybrid **grain sorghum.** 068624
of 2-dwarf & 3-dwarf **grain sorghum** hybrids 068654
Report on 1972 Kansas **grain sorghum** perfo- 068749
Grain sorghum hybrid tests, 1972. 068768
Nebraska **grain sorghum** performance tests 068783
WGF [wild game feed], a **grain sorghum** for 068797
Bushel weight of **sorghum grain.** 068814
nitrogen fertility levels & **sorghum grain** pro- 072094
Preseason irrigation for **grain sorghum.** 072363
weed control in cotton. [**Sorghum halepense** 070180
Economics of intercropping **hybrid sorghum** 062478
Grain **sorghum hybrid** tests, 1972. 068768
responses to drought of **sorghum hybrids.** 067977
of 2-dwarf & 3-dwarf grain **sorghum hybrids** 068654
in peasant farming. [**Sorghum, Nigerian**]. 069946
Sorghum almum, a **perennial sorghum.** 068820
on 1972 Kansas grain **sorghum performance** 068749
Nebraska grain **sorghum performance** tests 068783
supplement for **sorghum** & what based **pig** d- 064645
Histochemical study of **sorghum pollen.** 068189
High mositure grain **sorghum preserved** with 064849
requirement for grain **sorghum production** at 068180
Evaluation of corn & grain **sorghum rations** 064851
oxidation-reduction of iron by **sorghum roots** 068177
Symposium on control of **sorghum shoot** flies 070305
Linn. as a predator of **sorghum stem** borer, 070342
Yield & quality--**sudan, sorgo**-sudan, sorghu- 068643
on effects of selection within **sweet sorghum** 067062
Evalutaion of **sorghum varieties** according to 067389
of selection within sweet **sorghum variety** co- 067062
photosynthesis of sorghum (**Sorghum vulgare**) 068185
Cultural methods for **Sorghum vulgare** suda- 068859

SORPTION
SEE ADSORPTION

SORREL
Control of **red sorrel** (Rumex acetosella) in 070219

SORT
Photoelectric **color sorting** of citrus fruits. 064018

SOUND
Sound abatement with hedges. 069045
can be successful if you **follow sound** princip- 069057

SOW
SEE SWINE

SOWING
Spring soil working & **sowing.** [Grain]. 068806
with pneumatic technique of **sowing.** [Seed 071566
Effects of sparse sugar **beet sowing** with use 068789
from continual direct **sowing culture.** II. In 068652
Determination of **sowing depth** for Pinus br- 066382
Effect of **different sowing** periods on yield of 068802
Soil tillage & **grain sowing.** [Equipment]. 071573
Relation between date of **sowing & incidence** 069640
note on optimum dates of **sowing** of **olitorius** 068734
Impact of photoperiod on **seasonal sowing** in 068724
varieties for late winter & **spring sowing.** 067339
garden an field pea at **sowing** into **stubble.** 068881
Seedbed preparation, & **sowing succeeding** c- 062417
garden pea nd field pea at **summer sowing.** 068880
Effect of **sowing time** & seed quantity on qu- 068018
Influence of **sowing time** on green-matter p- 068877
preparation, fertilizing & **sowing** at **XIVth** 071636
fertilization & time of **sowing** on **yiels** of ha- 072162

SOWTHISTLE
Response of **perennial sowthistle** selections 070110

SOYBEANS
of intercropping hybrid sorghum & **soyabean** 062478
Canned pork & **soybeans:** a nutritious & tas- 063366
inhibitor, lipoxygenase & urease in **soybeans** 063755
of lowest pod height in **soybeans.** 067108
Gene centers of peanuts of **soybeans.** 067380
from cell suspension cultures of **soybean** (G- 067912
of sulfur on yield & amino acids of **soybeans** 067938
nodulation & nitrogen fixation of **soybean.** 067942
size on seedling performance in **soybeans:** il 067960
effects on hypocotyl elongation of **soybeans** 067968
reproductive events in **soybeans.** 067969
of seeds of different quality. [**Soybeans**]. 068005
phloem in inhibited buds. [**Soybeans**]. 068060
of sorghum (Sorghum vulgare) & **soybeans** 068185
of plots & blocks in yield trails of **soybean** 068725
Study of some varieties of **soybean.** 068852
from dofferent regions. [**Soybeans**]. 069467
sodium hypochlorite treatment. [**soybeans**]. 069477
on yield & yield attributes of **soybean.** 072083
fed in place of extracted **soya bean** meal on 064633
contained in casein, extracted **soya bean** me- 064635
in seeds of plants. [**Soybeans, beans, peas**]. 068081
Trial results obtained in **soya beans** with 3-i- 069967
oats, corn, subterranean **clover, soybeans**]. 069829
Feeding laying hens **cooked soybeans.** 064642
change in water content. [**Corn, soybeans**]. 068119
Soybean culture techniques in northeastern 068616
Practices for **efficient soybean** production. 068771
India to **encourage soybean** production to m- 062665
compounds fed in place of **extracted soya** be- 064633
acids contained in casein, **extracted soya** be- 064635
by exocrine pancreas of chicks **fed soybean** 064497
plasma amino acids of steers **fed soybean** m- 064742
How & why to **grow soybean.** 068661
Copper-**hydrogenated soybean** & linseed oils 063754
in determinate & **indeterminate soybeans.** 067962
surfactants by **soybean leaf** tissues. 067923
Digestibility of **soy lecithin** in combination 064768
pancreas of chicks fed **soybean meal.** 064497
Rapeseed meal versus **soybean meal** as only 064653
in sorghum grain & **soybean meal** for growi- 064732
amino acids of steers fed **soybean meal,** urea 064742
Methionine supplementation of **soy milk** to 063758
fats with dimsylsodium. [**Soybean oil**]. 063751
Foliar sensitivity of **soybeans** to **ozone** as re- 069779
Soybean phytoalexin, hydroxyphaseolin, ind- 069497
Economics of **soybeans** for **processing** in N- 062549
India to encourage **soybean production** to m- 062665
of potentialities of **soybean production.** 068632
Practices for efficient **soybean production.** 068771
1972 Commercial & **public soybean** variety 068608
Recommended soybean varieties for Georgia 068677
of glutamic acid & vigor in **soybean seed.** 067964
Soybean seed crisis. 068657
catalysed by lipoxidase. [**Soybeans, spinach**] 067674
Lepidoptera) as a pest of **stored soybean** in 070580
Soybean varietal performance in 1972. 068622
Soybean varieties for 1973. 068610
Recommended **soybean varieties** for Georgia 068677
1972 Commercial & public **soybean variety** 068608
Soybean variety evaluation. 068769
Rapeseed meal **versus soybean** meal as only 064653
of nitrogen fertilizers on **soybean yield.** 072101

SPACING
Poplar growing at **close spacing.** [Populus]. 066384
Spatial distribution of gypsy moth (Lepidop- 070844
quality in early years of a **grape-spacing** trial 068955
plant & nonuniformity of **intrarow spacing** 068653
Poplar planted at **large spacings** above spru- 066373
Spatial parameters calculation for crowns of 066258
Intensity of **spatial pattern** in plant commu- 066855
Influence of **plant spacing** & date of harvest 068361
phosphorus, potassium] & **plant spacings** on 072088
Note on effect of seed rates, **row spacing** & 068735
Land-use theory & **spatial structure** of ninet- 062289

SPALANGIA
Muscidifurax raptor, **Spalangia cameroni,** 070604

SPARGANIACEAE
New subspecies of **Sparganium erectum** L. f- 066676

SPAWNING
sp. (Chrysophyceae) growing in **frog spawn.** 066604
Insecticides & **spawn strains.** [Mushrooms] 070471

SPECIALIZATION
of farm productivity & **specialization.** 062418
effectiveness of **specialization** of **agricultural** 062461
Concentration, specialization & cooperation 069015
Specialization in **development** of fruit produ- 063005
Effectiveness of **enlarged specialization** on s- 062366
Increasing specialization in suburban areas. 062334
husbandry to **specialization** & to **industrial** 064149
On **specialization** of **powdery** mildew causal 069417
Specialization of **production** & prices for fa- 062513
Concentration & **specialization** in **vegetable** 062348
by concentration & **specialization** of **work** p- 066290

SPECIES
uptake in Claviceps [purpurea] **species.** 067629
on environment & association of **species.** [R- 067899
differences in photosynthesis among **species.** 067943
with description of a new **species.** 070617
Drosophila paulistorum incipient "**species**" 070866
experimental studies on bark-like **species.** [070956
on polyethism of workers of this **species.** 071019

with description of several new species (Ort- 071111
argenticollis & description of a new species 071147
with descriptions of four new species (Hete- 071148
of a new genus & two new species (Homopt- 071150
of a new species & a new subspecies. 071156
with description of a new species. 071199
with designation of a new subspecies. 071205
with description of a new species. [Adichosi- 071359
pollen germination of some species of Abies 068604
New constituents of Achillea species. 067486
Say), a new adventitious species of Central 071237
Two new African species of Coleoptera Ten- 071322
Pentatomid bugs & allied species collected f- 070333
Hymenoptera: Eulophidae) & allied species, 071198
need descriptions of Alstroemeria species. 066787
Central European Amara species of subgenus 071227
A revision of North American species of ge- 071128
Study of oils of some species of Amygdalus. 067491
resistance in species A & B of Anopheles g- 070656
on spirochetes of Borrelia anserina species. 065732
Damages caused to arboreous species by beta 069835
description of a new subspecies of Arholapus 071212
Critical revision of Arum species of Carpath- 066607
fauna of alfalfa. IV. Species associated with 070313
carbon] & C4 [carbon] species of Atriplex. 067415
A new species of Atypus [snetsingeri] [Ara- 071171
A new species of Baetis [bundyi] (Ephemer- 071151
karyological study of three species of black- 071352
deaminase (ADA) in bovine species. 064296
New species of Brachymeria Westwood (H- 071286
New bug species for CSSR fauna & observat- 071159
Hydroptila [bureschi] species from Bulgaria 071165
A new subspecies of Callithomia hezia from 071208
as a result of irradiating certain species of c- 067193
of boron in various organs of certain species 067401
Development of shoots of certain species of 067701
Specificity of relationship of certain species 067721
development in two species of Chesias (Lep- 070944
description of a new species of Cholus [mim- 071129
an new European chrysopid species (Planip- 071243
Pentatomid bugs & allied species collected f- 070333
of available forage & species composition of 064737
Species composition, distribution & supply of 066790
their growing period on species composition 069408
nov. Sp., a northern species confused with P- 071269
treatment chemicals for coniferous species. 069400
glucoside isolated from Cornus species. 068213
proteins of leaves of different cotton species 068201
Species crosses within & between Lolium & 067065
Species crosses in alfalfa breeding at Ultuna 067365
A species of Croton L. New for Venezuela, 066772
Keys of species of Culicoides (Diptera, Cera- 071309
of some Burmese Curcuma species. 067051
including a dichotomous species now belong- 071214
Species of Dichrooscytus found in Canada, 071148
I. Two new species of Didymium. 066733
A new species of Didymium [disciformis] fr- 069431
Sensitivity of different species of plants to r- 067186
of phytotoxic substances by different species 067697
techniques for species differentiation in catt- 065464
relationships between diploid species. 070867
On some rare & disappearing species of flora 066689
A new species of Dolichoderine ant genus 071317
two social parasitic species, Doronomyrmex 071086
orissaensis, a new species of Drosophila from 071297
ecological research of Drosophilidae species 071334
into behaviour of two species of East African 070850
Edaphic factors in species & ecotype differe- 066853
misunderstood, but special Epipactis species 066798
Euphorbia species from flora Zambesiaca ar- 066720
Lepidoptera). V. European species of genus 070550
European species of Platypalpus albiseta-gr- 071120
Revision of European species of genus Dich- 071185
European species of genus Arhopalus Serville 071212
Central European species of genus Pachybr- 071231
on a monograph of European species of gen- 071299
Lepidoptera). V. European species of genus 071300
A new species of fern from deposits of Sariar 066630
of volatile metabolites by species of Fomes. 067460
de Gaulle (100 new species for French fauna 071340
of cropping pattern of fruit species. 062355
Species Fuchsias. 069011
mycotoxins of Fusarium species. 067422
VII. Response of eight Fusarium species to 067592
Fusarium species on groundnut kernels & in 069536
Three new species & two new genera of Ind- 071295
A new species of genus Henosepilachna Li f- 071112
Two new species of genus Meoneura Ronda- 071121
sp.n. & taxonomy of some species of genus 071124
A new species of genus Trigonopselaphus G- 071214
Differences in species within genus Psyche 071215
A new species of genus Nemoura (Plecoptera 071276
Description of a new species of genus Clavi- 071321
New species of genus Schwiebea Ouds. (Aca- 071362
New species of genus Psylla (Homoptera, P- 071369
New species of Geophilomorpha in fauna of 071164
fungi of Iceland: three species with gibbose 066757
potassium in some species of Graminaceae 068187
between ryegrass & weed grass species. [Lol- 070069
of three cool-season forage grass species. 067884
Stenochlaenius Reitter. Species of group co- 071249
Two Haltica species new in Central Europe 071233
Winter-flowering shrubs: Hamamelis species 068474
between some species of herbaceous plants. 066897
Acoustic ststus of species Homorocoryphus 071087
Description of two new species of Hylaeus f- 071318
C from four Hymenopteran species: evoluti- 071043
with a record of two species new to India. 071295
life cycles of Viciaceae-inhabiting species of 066712
Behavior of four species of insects in rapese- 070796
to fauna of Poland & interesting species of 070581
Less.) DC.: A little known species. 071306
Liliaceae: 4. A new species of Ledebouria [s- 066659
disks of three species of Lepidoptera: effects 066722
of three species of Lepidopterous larvae att- 070929
on DNA contents of diploid Lotus species. 070575
numbers of African & Malagasy species. [Pl- 067396
New African & Malagasy species of Coleopt- 066965
in one avian & two mamalian species. 071323
responses of some species of Marsilea. 065597
Identification of species Meloidogyne incogn- 067550
description of a new species from Mexico (069824
Two new species of mite family Phytoseiidae 071204
Androlaelaps benoiti, a new species of mite 071162
Five new species of mites from family Tydei- 071325
Myxomyceticolous species of Nectria. 071367
Nearctic species of genus Dolomedes (Aran- 066737
a new genus & a new species of neotropical 071196
monticolus nov. Sp., a northern species conf- 071315
Effect of species number & type of data on 071269
to this genus, notes on species to be omitted 066858
of endosperm in two onion species (Allium 071214
Oriental species of Xorides (Moerophora) F- 067049
On Oriental species of Zelomorpha Ashmead 071285
On knowledge of Oriental species from rela- 071289
Note on some Palearctic species of Rhithro- 071307
West Palearctic species of bee family Melitt- 071113
A new Panorpa species from Asia Minor: P- 071311
Crossing of two social parasitic species, Dor- 071190
on sporulation of some pathogenic species of 071086
Greece. VII. New species from Peloponnesus. 069366
Peperomia species of Africa. 071350
Epiphytic Physcia species (Lichens) in area 066639
Three new species of Picramnia (Simarouba- 066896
of lime on lead uptake by five plant species. 066626
host plants. I. Effect of plant species. 069829
of lime on lead uptake by five plant species. 070278
of seedlings of some species of Plantago in 072555
elastic constants of two-species plywood. [Ti- 066983
components of some species of Poa. 066458
of caryopsis of Poa L. species in Poland. 068200
Polygamous species of genus Galium (Rubia- 066731
Genetics of polyploid species of potatoes. 066652
Taxonomy & geography of potato species. 067212
for crossing capability of potato species with 066681
Meiosis in potato species of varying ploidy. 067205
basis of evolution of potato species of genus 067210
Five new species of Protura form Brazil. 067357
New & rare species of algae for flora of Geo- 071160
Descriptions of new species & records of D- 066811
structure in two closely related species of w- 071294
loci of third chromosome in related species 067165
mayumbense, a new species from Republic of 071040
nitrogen fixation in rhizomatous species of 071328
caused by three species of Rhizopus. 067737
Chironomidae), a new species for Romania's 069360
Woron, in several kinds of rose species. 071144
A species of rust fungus on Pelargonium [z- 069562
Species of Salmonella isolated from swine on 069443
presence of quinones in species of Salvia L. 065871
attractants in some species of Scarabaeidae 067812
their nuclei in three species of scorpions. 070976
sp.n. from NS. Wales: A second species of 070811
Carbon dioxide exchange in selected species 071161
Species separation in delcarata group of ge- 067749
Chemical composition of several species of 071157
Sensitivity of several species of grasses & le- 067816
fungicide for control of several species of p- 067926
knoteki Reitter, two species that shoud be s- 069331
A new species of soil mite from western Col- 071250
production of two sown species of clover-gra- 071193
New subspecies of Sparganium erectum L. f- 068203
Insect sex-pheromone & species speciation. 066676
by pathogenic Staphylococcus species. 070775
North American Stenus species of subgenus 065730
of a new species & a new subspecies. 071170
from leaves of spring & summer species of 071156
genus & species new in Switzerland. 067859
German plants of species of Symphytum ask- 071337
key & enumeration of species of Syzygium 066636
A new species of Tanocyyx [pinheyi] from 066622
damaging area of species Tanymecus dilatico- 071133
observations of Taraxacum species from sect- 070257
study. IV. Growth of test species in natural 067058
importance of some Teucrium species of Ca- 067641
A revision of C. G. Thomson species of Apa- 066685
photosynthesis in some species of tomatoes 071184
of ozone on deciduous forest tree species. 068331
of moisture in them for certain tree species 066156
A revision of species of Trifolium sect. Trifo- 068602
New species of Trochaloschema (Coleoptera 066661
by three lasers on two Trogoderma species 071363
by three lasers on two Trogoderma species 070574
Tolerance of some turfgrass species to differ- 070788
colony characteristics in twelve species of C- 067933
spread of an undescribed species of Coryneb- 069293
changes affecting traits of varieties, species 069603
of Avena [fatua] species & varieties for chlo- 067178
Lacistemaceae) a species new for Venezuela 070129
Vicarious species of Restionaceae in Africa, 066775
Dormancy in weed species. 066712
Response of 21 perennial weed species to gl- 070020
Control of Compositae weed species in tran- 070044
Response of some weed species & strawberry 070056
of asulam in some perennial weed species. 070081
a new species from South Western Karoo (070097
of various poplar & willow species & clones 066724
New species of Wilmattea [venezuelensis](069782
North American analogs of species of woody 066773
endemism in New Zealand species of Epilob- 066683
066700

SPECIMEN

Strength properties of small clear specimens 066449
with reference to specimens collected in Ag- 066723
study of some specimens of Rosa canina fr- 068494
Locality of a spectacular specimen of viy, H- 072504
Swine specimen's for laboratory analysis. 065301
Some type specimens of zoosporic fungi. [P- 066648

SPECTROGRAPHY

comparison in spectrographic determination 071832

SPECTROMETRY

mass spectrometric analysis of volatiles. 063618
Mass spectrometry of dubinidine & dubinine 067504

SPECTROPHOTOMETRY

atomic ansorption spectrophotometry. [Hor- 066034

SPECTROSCOPY

magnetic resonance, & mass spectroscopy of 066500
Spectroscopic studies on mechanisms of ads- 070720
Ultra violet spectroscopy--visible nonFracti- 071864

SPECTRUM

Studies of antigen spectrum of turkey herpes 065434
urea) a new flexible broad spectrum herbici- 070004
for processing data on spectral coefficients of 066893
of selective removal of spectral components 067951
Effect of spectral composition of light & gib- 068151
Cytochrome P-450 difference spectra of mic- 070603
On spectral diffusive reflection of light by n- 068537
pigments on action spectrum of Drosophila. 070930
Fluorescence excitation spectra of natural & 071714
Interpretation of infrared spectra of some s- 071715
Absorption of IKSS (Spectral intensity of r- 068376
Change in protein spectrum of blood serum 065683
On additive effect of varied spectral radiati-n 067715

SPERM

interference study of sperms of barley. 066954
Biological qualities of boar sperm under diff- 065169
maternal effects on sperm dimensions of inb- 065028
hydroxytoluene in Drosophila sperm. 070897
digestion, digestibility & sperm production of 064889
Detection of coumestrol in sperm of rabbits 064588
On evacuation of sperm from spermatophore 070926
of bacterial contamination of stallion sperm 065163

SPERMATOCYTE

Ovis aries) spermatocytes & spermatids. III 064937

SPERMATOZOA

of protein transformation in old spermatids. 064937
occurring in head of boar spermatozoa: vesi- 065024
in cattle & buffalo spermatozoa. 064997
distribution in size of bull spermatozoa hea- 064958
GA) in disorders of spermatogenesis in bulls 065177
of LDH-X isozyme in cock spermatozoa in 064969
Studies on spermatogenesis in Dacus oleae 071075
Action of spermine on early chick developm- 064375
notes on spermatogenesis & hybridization. 070619
on spermatogenesis in immature rat. 065034
mutation frequencies in stored spermatozoa 070869
of sperm from spermatophore of tick, Ornit- 070926

SPHAERIACEAE

Sclerotium oryzae, Leptosphaeria salvinii]. 069480

SPHAEROTHECA

leucotricha, Sphaerotheca fuliginea- 063157
mildew fungicides. [Sphaerotheca fuliginea, 069238
Merat & conidia of Sphaerotheca fuliginea 069334

SPHAGNUM

Atlantic-boreal Sphagnum pylaesii Brid. in 066641

SPHECIDAE

viatica Linnaeus (Hymenoptera, Sphecidae) 071310
notes on four Palearctic Sphecidae (Hymen- 071303

SPHERE

co-operation in sphere of forestry. 066289

SPHINGIDAE

Life history of Isoparce cupressi (Sphingidae) 070950

SPICES
with **spices** without 3'4-**benzopyrene.** 063593
nematodes associated with **spice crops.** 069760
Spices from **india.** 063372

SPIDERS
on arthropod fauna of alfalfa. V. **Spiders** (A- 070314
Spiders (Araneae) from Ringsaker, Norway 071264
Are **spiders** an **asset** to gardener? 070991
system of purse web **spider, Atypus** karschi 070947
seasonal dynamics of **spider fauna** of Estoni- 071422
Spiders & **harvestmen** from More & Romsd- 071270
Resistance of red **spider mite,** Tetranychus 070303
Glasshouse red **spider mite.** [Tetranychus ur- 070435
on control of water hyacinth by **spider mites** 070043
oogenesis in non treated **spider mites.** 070301
phosphorus insecticides of **spider mites** from 070473
Spotted **spider mites** [Tetranychus truncatus 070510
New records of **spiders** from **Norway.** 071263
Notes on **Norwegian spiders.** III. 071261
analysis of variability in a **spider Pardosa** 071368
factor in venoms of bees, **scorpions, spiders** 071054

SPIKE
forming of shoots & during **spike formation** 067182

SPIN
cotton as measured by ESR [**electron spin** r- 063826
II. Pre-treatment **spinning performance** as r- 063750

SPINACH
Phaseolus), brussels sprouts & **spinach,** 196 063886
chloroplast shrinkage. [**Spinach**]. 068267
in chloroplasts photosystem. II. [**Spinach**]. 068270
presence of dibromothymoquinone. [**Spinach** 068276
illumination of intact chloroplasts. [**Spinach** 068277
of culture solution on growth of **spinach.** 068399
dependent oxygen evolution. [**Spinach**]. 068411
in presence of ascorbate. [**Spinach**]. 068429
malate dehydrogenase by lipoate. [**Spinach**] 068460
Phaseolus), brussels sprouts & **spinach,** 196 068964
date of harvest on fruit setting in **spinach.** 068361
in Chlorella & **spinach chloroplasts.** 067445
compared with **spinach chloroplasts** & whole 067477
of electron transport. [**Chloroplasts, spinach** 068264
of photosystem. II. in **spinach chloroplasts.** 068269
of photosynthesis. [**Spinach chloroplasts**]. 068271
enzyme system Y. [**Spinach chloroplasts**]. 068272
by KCN. [Potassium **cyanide, spinach**]. 068274
study of **spinach cytochrome** c. 068352
during photosynthesis in **isolated spinach** ch- 068354
dehydrogenase in **spinach leaves.** 068257
phosphatidyl choline in **spinach leaves.** 068353
Yield of all-**planted spinach** surviving low t- 069046
catalysed by lipoxidase. [**Soybeans, spinach**] 067674
Yield of all-planted **spinach surviving** low t- 069046
Spinach yellow dwarf virus. 069682

SPINDLE
Potato spindle tuber disease produced by pa- 069712

SPINE
Equine **spinal ataxia.** 065926
to study of arthropathy in **spinal column** of 065956
data on histoarchitectonics of **spinal cord** of 064270

SPIRILLACEAE
Isolation & identification of **Vibrio coli** & " 065692
Vibrio disease in sheep. 065784
I/II, III/IV-**NH,** III/IV-H, **Vibrio** & Mor- 063081
Sensitivity of **Vibrio parahaemolyticus** to co- 063121

SPIROCHETOSIS
in Borrelia anserina. [**Spirochetosis, poultry** 065760

SPLEEN
Subunit structure of horse **spleen apoferritin** 064314
On problem of judgement of **spleen infarcts** 065654
Exposure rate effect on liver, **kidney, spleen** 064374
evansi in cat by feeding **liver, spleen** & heart 065504

SPLITTING
Effect of **split application** of fertilizers on y- 072136
Comparative studies on **splitting** of **natural** 063410
reactions in water-**splitting system** of photo- 068271

SPODOPTERA
cadavers. [Heliothis **armigera, Spodoptera** e- 070259
administration. [**Spodoptera littoralis**]. 070411
in fat body of **Spodoptera littoralis** (Boisd.) 070691

SPOILAGE
Studies on psychrophilic **spoilage bacteria** of 063081
bacterial & insect protection. [**Food spoilage**] 063093

SPORES
action of gamma rays on bacteria & **spores.** 065804
ascus apex & its role during **spore discharge** 067011
Morphology of **spore forms** & heteroecism in 066985
Germination of three **spore forms** of Mamm- 067461
Morphology of **spore forms** & heteroecism in 069356
Some type specimens of **zoosporic fungi.** [P- 066648
degradation enzymes in **spores** of **Fusarium** 067421
three species with **gibbose sporangia.** 066757
age on virulence of Septoria **nodorum spores** 069527
in tetrads of **spores** of **Pteridophyta.** 066950
of potato wart fungus **resting sporangia** in c- 069250
pathogenicity of **spores** of **Rhizopus** stolonif- 069353
Spore sampling of Helminthosporium maydis 069515
Nuclear cycle & terminology of **spore states** 067006

SPOROBOLOMYCETACEAE
on some epiphytic yeasts. [**Sporobolomyces** 069239

SPOROCYTES
nucleoli in **microsporocytes** of **hybrid** Phlox. 066967

SPOROGENESIS
turcicum Pass. **sporogenesis.** 069413
of **microsporogenesis** in **hybrid** progeny reci- 067071

SPORULATION
Sporulation of **Bacillus** thuringiensis in host 070259
Sporulation & **colony** characteristics in twel- 069293
Factors affecting **growth, sporulation,** patho- 069429
climatic factors on **sporulation** by an **isolate** 069516
sources on **sporulation** of some **pathogenic** s- 069366
Sporulation of **Sclerospora** sacchari on corn 069299
Sporulation techniques for bacteria of genus 071903

SPOT
on resistance of Japanese pear to **black spot** 069398
moths to normal moths of **spotted bollworm** 067978
Growth of cotton **spotted bollworm,** Earias 070321
Research concerning leaf **brown spot** of qui- 069388
Chemical spot disseminator: a new aid in re- 066386
A new leaf-**spot disease** of Commelina. [Dre- 069307
A new leaf **spot disease** of Cyamopsis tetrag- 069379
Testing antibiotics against leaf **spot disease** 069412
Bacterial leaf **spot disease** on Amorphophal- 069584
Cav.) Wilt. Causal organism of **leaf spot** of 066908
Resistance to "tikka" **leaf-spot** in groundnut 069351
Alternaria [tenuissima] **leaf spot** of taro fr- 069375
Corynespora **leaf spot,** a new disease of tob- 069529
Cav.) Wilt. Causal organism of **leaf spot** of 069578
Spotted spider mites [Tetranychus truncatus 070510
capacity to strawberries by **white spot** & gr- 069833
of pigs in Pietrain & **Spotted Zlotniki** breed 064466

SPRAY
"**spray**" & "Instant" milk powder. 063567
applied as postinoculation **sprays against** cl- 069617
Ultra-low-volume ground **spray application** 069296
Ultra-low-volume **spray application** on cott- 070379
Urea **spray boosts** linseed yield. 071971
guava (Psidium guajava L.) to **boron spray.** 068394
Spray correctly--or even best pesticide will 070692
Spray-dried flavours. 063082
Effect of chilling & **gibberellin spray** on ros- 068305
Ultra-low-volume **ground spray** application 069296
sprayed by Turbair X & a **hand sprayer.** 070354
Holder sprayer. [Coffee]. 071601
Disease & **insect spray** schedule for home o- 069916
Disease & **insect spray** schedule for home o- 069917
Disease & **insect spray** program for home g- 069918
Spray irrigation: different means, costs of in- 062563
Physiological significance of **spray irrigation** 068385
Spray irrigation: different means, costs of in- 071657
Mont.) de By inhibited by **malathion sprays** 069330
Comparison of various **morphactin sprays** & 068225
Effect of compatability of **nutrient sprays** wi- 069820
A tractor mounted **plot sprayer.** 071527
antibiotics applied as **postinoculation sprays** 069617
Nitrogen-**pressurized spray** system for C-47 071549
Disease & insect **spray program** for home g- 069918
Effects of **spray properties** on placement & 069985
Effect of various growth **regulator sprays** on 068226
of range of application of **spray-saving** meth- 070114
Disease & insect **spray schedule** for home o- 069916
Disease & insect **spray schedule** for home o- 069917
Nitrogen-pressurized **spray system** for C-47 071549
postica Gyll.) when **sprayed** by **Turbair** X & 070354
Urea spray boosts linseed yield. 071971
Ultra-low-**volume spray** application on cott- 070379

SPRAYING
for ultra-low-volume (ULV) **spraying.** 070729
Disinfecting methods & **automatic spraying** 065403
Trials of **spraying** & **cultural** practices on co- 070324
Operation of **spraying equipment** for applica- 066536
New **spraying equipment** for brussels sprouts 071485
Care & maintenance of **spraying equipment** 071653
Testing Center. [**Spraying equipment,** irrigat- 071666
Trends in **spraying equipment** in agriculture 071670
Machines & equipment for **overhead sprayi-g** 071591
Experiments on **waterless spraying** with sys- 070464
Late **spraying** of **winter** wheat. [Herbicides] 069992

SPRING
seed drills in United Kingdom during **spring** 070017
weed-killers for use on cereals in **spring** 19 070122
potato varieties during **spring** & **autumn** sea- 069828
Spring barley world collection; statistical a- 066917
effecto of X-ray irradiation of **spring barley** 067200
of Avena fatua L. Growing in **spring barley.** 067462
Dormancy in seed of **spring barley.** 067903
associated characteristics of **spring barley.** 068048
Growing **spring barley** varieties designed for 068787
during & after growth of **spring barley** as inf- 069989
on control of Avena fatua in **spring barley.** 069995
control of Avena fatua L in **spring barley** cr- 070061
Breeding spring wheat for increasing grain 067214
Method of **breeding spring** wheat for disease 067261
On **breeding spring** wheat for irrigated farm- 067263
Breeding spring wheat for irrigation farming 067356
Spring cabbage variety trials in West Corn- 068972
of Avena spp. in winter & **spring cereals.** 070063
of dicotyledons in winter & **spring cereals.** 070184
progeny recieved from **crossing spring** wheat 067071
in crosses involving Olesen's **Dwarf spring** 067105
Antecology of **early-spring** ephemeroids of b- 066905
of nitrogen fertilizers with **early spring** & la- 072116
of avian encephalitis, in hot **spring effluents,** 065585
beetle overwintering & **spring emergence** in 070357
Antecology of early-**spring ephemeroids** of b- 066905
by crossing winter forms with **spring forms** 067213
Growing spring barley varieties designed for 068787
on yield & qualtity of **hard spring** wheat in 072118
a cause of avian encephalitis, in **hot spring** e- 065585
Barley & **spring mixture** with lucerne under- 068826
Nebraska spring small grain variety tests, 1 068782
Culture of **spring rape.** 068812
short-strawed, high yielding hard **red spring** 068773
Nebraska **spring small** grain variety tests, 1 068782
Spring soil working & sowing. [Grain]. 068806
varieties for late winter & **spring sowing.** 067339
Autumn seeding of **Svenno spring** wheat. 068824
Spring tillage of wheat in Amur Region. 072320
recieved from crossing **spring wheat** mutant 067071
involving Olesen's Dwarf **spring wheat.** 067105
mutation process of **spring wheat** (Triticum 067182
of grain quality of winter-& **spring wheat** ob- 067213
Breeding **spring wheat** for increasing grain 067214
Method of breeding **spring wheat** for disease 067261
On breeding **spring wheat** for irrigated farm- 067263
establishing new varieties of **spring wheat.** 067264
Breeding **spring wheat** for irrigation farming 067356
of certain growth indices of **spring wheat** in 067892
of nitrogen fertilizer on three **spring wheat** 067925
mutation process of **spring wheat** (Triticum 068020
surface of root system of **spring wheat** in no- 068192
Baking quality of **spring wheat** as affected 068687
Spring wheat grain quality in cis-Ural region 068704
Study of winter & **spring wheat** varieties w- 068711
high yielding hard red **spring wheat** variety. 068773
Autumn seeding of Svenno **spring wheat.** 068824
Stubble crops of **spring wheat.** 068856
Root rot of **spring wheat** & test of antibioti- 069566
for Avena fatua control in **spring wheat** & b- 070041
for use in winter & **spring wheat.** 070177
on yield & qualtity of hard **spring wheat** in 072118
against Avena fatua L (**spring wild** oats). 070058
Mutations in **spring** & **winter** barley obtain- 067175
on grain yield & quality of **spring** & **winter** 068026
milling & baking quality of **spring** & **winter** 068688
Systems of irrigation for **spring** & **winter** w- 072411

SPRINKLERS
Effect of **sprinkler cooling** of grapevines on 068236
Sprinkler irrigation & water consumption of 072405
Studies on effect of **sprinkler irrigation** on y- 072445
Technology of **vegetable sprinkling.** 071553

SPROUT
enemy to sugarbeet tap roots & **sprouts.** 070391
of determining resistance **against sprouting** 068170
preparation of **Brussels sprouts.** 062353
of peas, beans (Phaseolus), **brussels sprouts** 063886
Brussels sprouts: estimated optimum plant 068977
by hylemya fugax Meig. [**Brussels sprout**]. 070487
New spraying equipment for **brussels sprouts.** 071485
Mechanized harvesting of **Brussels sprouts.** 071555
herbicides in direct drilled **bursssels sprouts** 070047
protection to control agents **causing sprout** 069788
growth regulators on **sprouting** of **Cyperus** r- 069997
enzymes in maize **sprout endosperm** during 067894
in potato **sprout growth.** 068284
during spike formation on **sprouting, growth** 067182
Inhibition of **sprouting** of **stored** potatoes. 063870
bedding roots on **sprout transmission** of ne- 069882
tuberization & **sprouting** in two **varieties** of 068294
in chromosomes when **sprouts** of **young** & o- 067362

SPRUCE
sulphur dioxide concentrations on **spruce.** 066155
planted at large spacings above **spruce.** [Po- 066373
of age at whitch **spruce attains** height of 1.3 066296
Effects of fertilization of a **black spruce** sta- 068523
Heart rot of **black spruce** in Ontario. I. stem 069274
of supernumerary instars in **spruce budworm** 070530
Western **spruce budworm** damage affects fo- 070535
populations of western **spruce budworm** & p- 070563
Resutls of **spruce cultivation** from 1930--45 066327
Age of **Engelmann spruce** seedlings affects 068596
current growth increment in **spruce forests** 066250

like substances from **Norway spruce** (Picea 068577
aids old field white **spruce plantations.** [Pic- 066390

SQUALENE
Studies on **squalene biosynthesis** in Sarcoph- 070890

SQUASH
water table depth on yield of **cabbage, squa-h,** 068943
Root systems of **squash, muskmelon,** water- 066919

SQUIRRELS
mite from southern **flying squirrel** (Glaucom- 070618

STABILIZATION
Orientation & **Stabilization** of **Agricultural** 062532
insect cuticular lipids: **stabilization** of **alkyl** 070885
some emulsifiers & **stabilizers** on **churning** 063535
Problems of ice **cream stabilisation.** 063579
state of protein-**stabilized emulsions:** depen- 063400
Stabilizing gravel roads with liquid calcium 066411
of protein content in **stabilized inbred** maize 067142
On **stabilizing linear** motion of MTZ-50L tr- 071696
marketing boards for **price stabilization.** 062611
Thermic stabilization of leather (effect of pe- 063651
Stabilization of **vacuum** in milking machines 065239

STABLES
conventional manure removal from **stables.** 071621
A project of large-**capacity stable** for 700 ca- 071418
Stable fodder production due to growing gre- 068671
Stable fodder basis for industrial livestock p- 068741
High & **stable fruit** production through ste- 069023
of fattening cattle in **stables** with **fully** slate 064154
Means of increasing **stable harvest** in hay in 068860
technical-scientific findings for **high, stable** 068668
important conditions for a **stable, highly** pr- 062928
On composition of **stable isotopes** of water 063942
stands & their role in high & **stable yields** in 066101

STAINING
Differentiation staining of bone tissue on to- 065214
Differential quinacrine & **giemsa staining** of 066966
Acridine **orange staining** & iodine quartz flu- 067016
Observation on **staining** of **pectic** substances 066993

STALKS
maydis susceptibility in **stalks** & **ears** of corn 069517

STALLS
Horse, environment & **stall:** consideration on 071433
economy problems of milking in tie-in **stalls** 071671
Dairy **cattle stall** for 1000 cows. 071429
Box loafing stall as **cold stall.** 071431
Keeping beef cattle in **stalls costing** 1000 gu- 071432
Cow stall: bank of farmer. [Farm managem- 062401
young fattening bulls in open **stall housing.** 064224
Trends in **reconstructing stalls** for dairy catt- 071430
Fattening performance in **swine stalls:** build- 071424
Relative superiority of **stall systems** in dairy 071499
Building of **warm stall** in less expensive way 071427

STAMEN
Carpelloid stamens in Rubus trivialis Michx 066944
rate in Tradescantia [ohiensis] **stamen hairs** 067299
Teratological stamens in flowers of Triticale 066962

STAMP
Grocers help with **food stamp** outreach. 062886

STANDARDS
Grades (**standards**) of wheat & rye grain. [F- 063156
Standard Malaysian Rubbers] **standards.** 063423
Current standards & conditions for purchasi- 062747
Canadian **grain standards** & wheat export m- 062724
Quality standards for pome fruits & citrus f- 063089
Quality standards for stone fruits & berries. 063090
New **quality standards** for meat products. 063099
labor force requirements, **service standards** 062397

STANDS
area growth & yield in even-**aged stands.** [P- 066211
On causes of thinning in **alfalfa stands.** 069914
of insect pests in young **artificial stands** of t- 070523
Vertical structure of larch-**birch stands** of 065542
litter of sedge (Carex pilosa) **birch stands** of 066362
Management of **stands determined** for seed 066375
of Picea abies Karst. **stands** during **droughts** 066112
Protective **forest stands** & their role in high 066101
air pollution damage to **forest stands** in Uni- 066158
levels of fertilization of **grass stands.** 072184
A mini-survey of **hive stands.** [Beekeeping e- 071384
segetum on Solanum **laciniatum stands.** 070262
on development of cove & mixed **oak stands.** 066405
volume of trees in uneven-aged **Picea stands** 066272
a case of fume damage in Scots **pine stands** 066150
industry on increment of Scots **pine stands.** 066152
Increment studies in Scots **pine stands** in vi- 066153
to bio-social classes in older **pine stands.** [P- 066295
quantitative analysis of young **Pinus stands.** 066287
breeding evaluation of plus **stands** of **Pinus.** 066350
Chemical treatment of young **Pinus stands,** 066374
Development of **potato stands** in relation to 069154
On establishment of forest **shelterbelt stands** 066106
Thinning stands of Pinus in continuous seed- 066345
Dynamics of development of **tree stands** in 066091
Changes in diameter structure of **tree stands** 066199
Herbicide application to **stands** of **Valeriana** 070156
cutting in formation of **young stands.** 066340
improvement cutting areas in **young stands.** 066349
care of young woods & **young stands,** a decis- 066378

STAPHYLINIDAE
laetulus Say (Coleoptera: **Staphylinidae**). 071221
Contribution to knowledge of **Staphylinidae** 071324
staphylinids (**Coleoptera, Staphylinidae**). [S- 071102
Hypostenus Rey (**Coleoptera, Staphylinidae** 071170
Zyras Stephens (**Coleoptera Staphylinidae**) 071330

STAPHYLOCOCCUS
Streptococcus **agalactiae, Staphylococcus** au- 065474
detection methods. [**Staphylococcus aureus,** 063054
Control of **Staphylococcus aureus** in sausage 063120
Methodology for **Staphylococcus aureus** & C- 063169
nuclease. [Food, **Staphylococcus aureus**]. 063295
nuclease. [Food, **Staphylococcus aureus**]. 063296
Control of **Staphylococcus aureus** in sausage 063626
of anitgen k to **Staphylococcus aureus** bacte- 065512
faecalis or **Staphylococcus aureus.** 065523
A study of strains of **Staphylococcus aureus** 065613
Infectious **Staphylococcus diseases** in poultry 065401
out in vitro. [**Staphylococcus epidermidis**]. 065375
Nature of cultures of **Staphylococci isolated** 063199
Significance of **staphylococci** in **meats.** 063166
chicks caused by **pathogenic Staphylococcus** 065730
Phage typing of **Staphylococcus sp.** isolated 065705

STARCHES
In vitro degradation of **starch.** Studies by tr- 063442
hydration of wheat proteins & **starch.** 063740
Present state of research on **starch.** 063767
processing of artificial sago. [**Starches**]. 063796
properties of artificial sago. [**Starch**]. 063806
between amyloclastic & **chromogenic starch** 063962
Relation of carotene & **starch content** of so- 063267
on problem of establishing **starch content** a- 063883
Relation of carotene & **starch content** of so- 068426
Potato **starch encapsulation** with polyethyle- 064015
to detect extent of **starch enzymolysis** in re- 063695
Study on problem of **establishing starch** con- 063883
on property of swelling **food starches.** 063439
Hydrolysis of intact leaf **starch grains** by gl- 067596
A comparison of **starch granules** as seen by 063443
Properties of **starch granules** derived from f- 063709
behaviour of large wheat **starch granules.** 063814
swelling of potato **starch granules.** 064013
of a low-substituted **hydroxypropyl starch.** 063445
for standardization of **starch identification.** 063297
Hydrolysis of intact **leaf starch** grains by gl- 067596
raw crystals. [Sugar **manufacture, starches**] 063805
amyloclastic & chromogenic **starch methods** 063962
Polarization of **starch phosphorylase** activity 067403
according to Ewers. 5. [**Potato starch**]. 063883
concerning swelling of **potato starch** granules 064013
Pore size in **potato starch.** 064014
Potato starch encapsulation with polyethyle- 064015
behaviour of large **wheat starch** granules. 063814
irrigation on properties of **starch** in **wheat** g- 067988

STARVATION
of Fhlorella cells after **nitrogen starvation.** 067588

STATIONS
Makharadze Machine-**Accounting Station.** 062448
marine plant biology at **Biological Station** of 067473
alfalfa breeding at Ultuna **Branch Station** of 067365
75th anniversary of Ultuna **Branch Station** 068836
Ultuna **Branch Station** of Swedish Seed As- 068837
Data from Ultuna **Branch Station** of Swedi- 068838
papers from Ultuna **Branch Station** of Swed- 068841
75th anniversary of Ultuna **Branch Station** 069149
Ultuna **Branch Station** of Swedish Seed As- 069150
Data from Ultuna **Branch Station** of Swedi- 069151
papers from Ultuna **Branch Station** of Swed- 069153
types at Dzhambul State **Breeding Station.** 065152
bollworms of cotton, **College Station.** [Heli- 070403
cooperation of livestock **evaluation stations** 065071
report of Agricultural **Experiment Station** 062191
Texas, 1972 agricultural **experiment station** 064210
U. S. Range Livestock **Experiment Station** 064809
rape harvest: **Experiment Station** study. 068739
Aedes] agricultural **experiment station.** 070642
Didactic **Experimental Station.** 069163
Federal Station of Agricultural Research, L- 062187
of bulls in artificial **insemination stations** of 065068
stations with artificial **insemination stations** 065071
of rice at rice research **station, Kala** Shah 067283
of altitude **meteorological stations** of Geneva 062161
Agricultural Experiment **Station Michigan** 062191
Range Livestock Experiment **Station Miles** 064809
Formation of small **mobile stations** for surv- 066396
after construction of a thermal **power station** 066151
of sludge from water **purification stations.** 072591
Means of creating (at grain **receiving statio-s)** 063741
Section at Long Ashton **Research Station.** 063264
Houghton Poultry **Research Station.** 064173
varieties of rice at rice **research station,** Kala 067283
Cowra **Research Station;** meteorological obs- 072571
rape harvest: Experiment **Station study.** 068739
blood serum of breeding bulls at **Ufa station** 065149

STATISTICS
Agriculture in Yugoslavia. [**Statistics**]. 062794
Landlord & tenant shares, 1971. [**Statistics**] 062798
received & paid by farmers. [**Statistics**]. 062811
mortality of aging dogs in light of **statistics** 065261
Statistical accounting of Swedish agriculture 062826
Agricultural statistics, 1973. I. 062802
Agricultural statistics, 1973. II. 062803
Statistical analyses on quantitative traits in 064174
*** 064176
application of error in **statistical analysis.** [064073
barley world collection; **statistical analysis** of 066917
forest?--Mathematical & **statistical aspects** 066220
credit: trends shown by **statistics** of **Bank** of 062535
1971 texas **cotton statistics.** 062809
1971 texas **County statistics.** 062810
1971 texas field **crop statistics.** 062806
1971 texas **dairy statistics.** 062805
Statistical data of fruit, vegetable, & berry 062818
Annual & perenial **statistical evaluations** in 071417
Yearbook of **forest statistics,** 1971. 066204
1972 texas small **grains statistics.** 062812
dispersion analysis of **statistical groupings.** 062833
a summary of 1971 **statistics** for **imported** t- 066543
Statistical investigation of queen behaviour 071371
1971 texas **livestock statistics.** 062807
Poultry **market statistics,** 1972; annual su- 062776
Mathematical statistical methods for planni- 072218
1971 texas fruit & **pecan statistics.** 062804
Annual & **perenial statistical** evaluations in 071417
Method of **statistical processing** of data on 067818
On technique of **statistical processing** of ex- 071922
1971 texas cash **receipts statistics.** 062808
working force of 1972; a **statistical report.** 062829
SRS: [**Statistical Reporting** Service]: keepi- 062795
trade of cooperatives; **statistical supplement** 062777
Statistical survey of 1972. [Wine industry] 062834

STEAM
Effects of soil sterilisation with **steam-air** m- 068462
animal diets during **steam sterilization.** 064649

STEEL
Rheology of **steel-& glass-**fibre reinforced b- 066472
damage to forests by lead & **steel industry** in 066149
About charcoal for **steel mills** & forges. 066540

STEERS
SEE CATTLE

STEM
willdenovii]: auxin tranport in **stem.** 067765
by tea plant & its effectiveness **against stem** 069291
Zea mays Linn.) against maize **stem borer,** 070339
in maize in relation to **stem borer,** Chilo zo- 070340
Linn. as a predator of sorghum **stem borer,** 070342
by eyespot disease without **stem break?** rec- 069327
plant & its effectiveness against **stem canker** 069291
of mitochrondria in etiolated pea **stem cells** 067044
On relative **stem curve** of sugi. [Cryptomeria 066236
between grass leaves & **stems cut** at different 068010
I. Rooting activity of poplar **stem cuttings.** 068574
on rooting of Douglas-fir **stem cuttings** as re- 068576
Propagation of potatoes from **stem cuttings** 068927
promising chemical for leaf & **stem diseases** 069518
A **stem end** rot disease of snakegourd fruits 069310
in gramma-irradiated leaf & **stem explants** of 066936
inclusions in cells of **fasciated stems** of Fors- 067025
in auxin effect on rooting of Douglas-**fir stem** 068576
of Forsythia X **intermedia Stems.** 068253
Boron levels in **stems, leaves,** & flower parts 068367
change of growth rate of **main stem** & its dif- 067948
beta-D-glucan from **maize stem.** 067935
maize (Zea mays Linn.) against **maize stem** 070339
in in vitro digestion & **stem morphology.** 064598
Stem nematode of clover. [Ditylenchus dips- 069846
production of inoculum of **stem nematodes,** 069905
of mitochrondria in etiolated **pea stem** cells 067044
height diameter & number of log **per stem.** 066202
of Tuberculina maxima on **pine stem** rusts in 069281
Spread & control of Prunus **stem pitting.** 069842
I. Rooting activity of **poplar stem** cuttings. 068574
Spread & control of **Prunus stem** pitting. 069842
variation within one **stem** of **Quercus** crispu- 066980
On **relative stem** curve of sugi. [Cryptomeria 066236
Ecological studies on **rice stem** rot fungi. [069298
rot of black spruce in Ontario. I. **stem rot,** 069274
Ecological studies on rice **stem rot** fungi. [069298
Study of occurrence & control of **stem rot** of 069326
on plant resistance to root & **stem rot.** [Fus- 069426
Stem rot of rice in California. [Sclerotium o- 069480
natural infections of crown rust & **stem rust** 069278
Stem rust of wheat, barley, & rye in Canada 069287
Stem rust of oats in Canada in 1972. 069289
strains for revelation of wheat **stem rust** pa- 069435
of Tuberculina maxima on pine **stem rusts** in 069281

Linn. as a predator of **sorghum stem** borer, 070342
Volume tables for saw **timber stems** based on 066202
activity by auxin in pea **stem tissue.** I. Kine- 068440
activity by auxin in pea **stem tissue.** II. Me- 068441
in pith parenchyma of **tobacco stem.** 067999
strains for revelation of **wheat** stem rust pa- 069435

STEMPHYLIUM
investitation of **Stemphylium sarciniforme** (066908

STENINAE
Contribution to study of **Steninae.** 071170

STENOTAPHRUM
Augustine grass. **[Stenotaphrum secundatum** 069507

STENUS
North **American Stenus** species of subgenus 071170

STEPHANURUS
adjacent tissues. **[Stephanurus dentatus].** 065578

STEPPES
of Acrididae in semi-desert **alpine steppes** of 070975
of field crop rotations in forest-**steppe area** 068867
soils of Ishim River in **arid steppe** region. 071837
varieties under conditions of **forest-steppe** r- 068338
cultivated pastures in northern **forest-steppe** 068710
of field crop rotations in **forest-steppe** area 068867
Chernozem soil of Krasnoiarsk **forest-steppe** 071838
of winter wheat in northern **forest-steppe** re- 072069
surface-gleized soils of western **forest-steppe** 072322
features of terrain of Ishim **forest-steppe** reg- 072434
of forest belts in **Kulunda Steppe.** 068583
sugar beets for feed in **Kulunda Steppe** regi- 072455
functional characteristics in **steppe-meadows** 066826
under conditions of forest-**steppe region** of 068338
pastures in northern forest-**steppe region.** 068710
soils of Ishim River in arid **steppe region.** 071837
soil of Krasnoiarsk forest-**steppe region.** 071838
wheat in northern forest-**steppe region** of U- 072069
in winter crops in Volga **steppe region.** 072308
gleized soils of western forest-**steppe region** 072322
of terrain of Ishim forest-**steppe region.** 072434
beets for feed in Kulunda **Steppe region.** 072455
of leaching saline soils of **Salsk Steppe.** 071883
wheat in irrigation of **southern steppes** of U- 068870
planted in winter crops in **Volga steppe** regi- 072308

STERCULIACEAE
roots of cacao plants **(Theobroma cacao** L.) 067414
branch system of **Theobroma cacao.** 067772
seedlings of cocoa **(Theobroma cacao** L.) for 069560
singularis, Distantiella **theobroma, cacao** ins- 070247

STEREOCHEMISTRY
isobadkhysin. **stereochemistry** of **badkhysin** 067497
of structure & **stereochemistry** of **myriocin.** 070709

STERILITY
Causes of **sterility** in **Allium** sativum L. [Ga- 068287
Sterility caused by industrial civilization. [065087
maydis on a susceptible male-**sterile corn** h- 069516
Causes of infertility & **sterility** in **cows.** 065065
Penetrance of total **sterility effect** linked to 064943
of flowering & fruiting of **sterile** & **fertile** ca- 068410
Two releases of **sterile gypsy** moth males (070566
abnormal meiosis in a partially **male-sterile** 067121
on utilization on cytoplasmic **male sterility** 067301
Male sterility in peach varieties. 067351
Studies on **sterile-male** technique as a means 070268
reaction upon cytoplasmic **pollen sterility.** 067389
Synthesis & **sterility** of **Raphanobrassica.** 067134
formation in Fusarium in **sterile salt** solutio- 069495
mare serum. [Fertility, **sheep, sterility].** 065148

STERILIZATION
How to produce & **control sterilized** milk. 063577
Sterilizing effects of iodophor on Salmonella 063187
kinetics in relation to **heat sterilization** of f- 063327
Male sterilization of Dacus oleae to determ- 070447
Competitiveness of gamma **sterilized moths** 067978
Effects of **soil sterilisation** with steam-air m- 068462
animal diets during **steam sterilization.** 064649
Sterilization of **surface** of mosquito larvae in 070961
neocaledonicus complex & **sterilization tests** 070246
Studies on **transitory sterilisation** of heifers 065174
Ultraviolet sterilization of biological contai- 065042

STERNOCHETUS
of mango fruit weevil, **Sternochetus frigidus** 070993

STEROID
Effect of **steroid androgens** on Muellerian d- 064339
Apolar steroids in margarine. 063461
Distribution of **steroid** 1-**dehydrogenation** & 067421
increase of content of **steroid glycoalkaloids** 063997
isomers of DDD on ACTH-**induced steroid** 066048
Steroidal lactones of Physalis ixocarpa leav- 067617
Change in composition of **steroids** in **process** 067585
A new **steroid sapogenin** from Allium gigant- 067528
Steroid sapogenins of Tribulus terrestris. 067527
Steroidal sapogenins of Dioscoreaceae. 067791

STEROL
Sterol composition of 19 vegetable oils. 063383
Biosynthesis of **plant sterols.** 067788

STETHORUS
principal predators, **Stethorus madecassus** 070851

STIGMA
of pollen from one **stigma** to **another.** 068398

STIMULATION
Hevea brasiliensis in relation to **stimulation** 067787
Stimulation of **celery** seed germination with 068290
Effect of physical & **chemical stimuli** on ovi- 070474
Methods of **stimulating collateral** circulation 064271
Identification of **stimuli controlling** sensory 063397
Identification of **stimuli controlling** sensory 063398
Stimulation of **differentiation** in orange (Cit- 068468
of mold. III. **Stimulatory effect** of fatty acids 067660
Stimulatory effect of non-metabolized sugar 067667
Effects of **Ethrel stimulation** on raw rubber 063419
roots during influence of **external stimuli** on 068165
Floral stimulus movement in Perilla [crispa 068452
for ovine **follicle stimulating** hormone: intef- 064309
Release of FSH **[follicle-stimulating** hormo- 064350
culture regarding **germination stimulation** by 069477
On problem of **stimulating growth,** producti- 064528
endosperm during root **growth stimulation** by 067894
Use of **growth stimulants** in potato culture in 068402
Phosphorus **stimulates growth** of yellow bir- 072201
for ovine follicle **stimulating hormone:** intef- 064309
Release of thyroid **stimulating hormone** from 064311
of FSH [follicle-**stimulating hormone**] after 064350
Radiation-**induced stimulation** of pollen-tube 068584
Psychopharmaca stimulates lactation. 064524
Stimulation of **lettuce** seed germination at h- 068252
Floral **stimulus movement** in Perilla [crispa 068452
Phosphorus stimulates growth of yellow bir- 072201
Growth regulators **stimulate ponderosa** pine 068594
ecological conditions to **stimulate predatory** 069909
Trials with some **promising stimulants.** [He- 069223
Psychopharmaca stimulates lactation. 064524
A model for ultraviolet **rays stimulation** of 068594
Growth **regulators stimulate** ponderosa pine 068594
identification of **stimulatory substance** invol- 063522
Ethrel trials. [Hevea, **tapping Stimulation].** 062555
report. [Hevea, **tapping, stimulation].** 069214
findings. [Hevea, **tapping, stimulation].** 069215
results. [Hevea, **tapping, stimulation].** 069216
results. [Hevea, **tapping, Stimulation].** 069222
Release of **thyroid stimulating** hormone from 064311
prolactin, TSH **[stimulating thyrotropic** ho- 064353
movement of a specific **tuberization stimulus** 068413
for application of **stimulants** in **turpentining** 066536
experience with Ethrel **yield stimulant.** [He- 069224
Zinc stimulation of nitrogen assimilation by 067703

STIPA
Grass awn penetration in dog. **[Stipa, Setar-a,** 066020

STIPE
Shaggy stipe, a new mushroom disease. [Mo- 069402
Shaggy stipe, a new disease of cultivated m- 069533

STOCHASTIC
of variances for **stochastic, discrete-time,** po- 066297

STOCK
Turnip mosaic virus on **annual stock** in Arg- 069692
of Study Group of **Stock Breeder.** [Grapes]. 069192
Union of **Breeding Stock** Production Enterp- 065053
On selecting **breeding stock** for black curra- 067244
reproduction & sanitation of **cattle stocks** t- 064216
to intensify breeding work on **cattle stock** at 065117
reproduction & sanitation of **cattle stocks** t- 065662
related to reproduction of **cow stocks** in dai- 065116
intensifying of reproduction to **forest stock.** 066375
veterinarian control of **stock** for **furthering** f- 065114
Growing stock size in swine production: Add- 064225
Regeneration of **growing stock** after selection 066341
feeders in order to obtain **healthy stock.** 069060
of commonly used grape **hybrid stock** variet- 069612
National **Live Stock** & Meat Board's commi- 063641
Weed control in **nursery stock** production. 069947
on use of terbacil on **nursery stocks.** [Agrop- 069977
Gibberellin treatment for **planting stock** of 068589
control & availability of **planting stock** for g- 069069
Union of Breeding **Stock Production** Enterp- 065053
Weed control in nursery **stock production.** 069947
of four species of insects in **rapeseed stocks.** 070581
feeding of broiler type **replacement stock.** 064730
Stock for **restraint** of dog during lymphatic 065218
dry matter formation in grape **root stocks** in 068405
Growing **stock size** in swine production: Add- 064225
also as an aid in selection of **superior stock** 064956
Management of wood **stock supply** in lumber 066478
commonly used grape hybrid **stock varieties** 069612
Statisctisc of **wine stocks** & storage capacity 062797
Management of **wood stock** supply in lumber 066478

STOICHIOMETRY
Stoichiometry of **reduction** & phosphorylati- 068277

STOMACH
Stomach contractions at REM [rapid-eye-m- 064520
of goats, in contents of **stomach** & **intestines** 064632

STOMATA
Abnormal stomatal behavior & root resistan- 068263
adjusted for constant **stomatal apertures.** 067965
relations in crops. 2. **Stomatal behavior** of t- 067940
on transpiration rate & **stomatal behaviour** 067655
water regimes on **stomatal** & **mesophyll** con- 068427

STONEFLIES
Notes on **stonefly Capnia** vidua Klapalek fr- 071274
Notes on **stonefly Nemoura** sahlbergi Mort- 071275

STONES
of invertebrate fauna under **stones** (hypolit- 071257
Introduction & breeding of **stone fruit** crops 067258
dahliae Kleb., a causal agent of **stone fruit** w- 069406
pests & weeds of pomaceous & **stone fruit** & 069850
Quality standards for **stone fruits** & berries. 063090

STORAGE
to packing technology & period of **storage.** 063404
transformations in fat phase during **storage** 063458
of fatty acids in some fish during **storage.** 063466
value of some fish oils during **storage.** 063476
chicken fat during cold treatment & **storage** 063683
sotrage. III practical steps for **storage.** 063924
of Passe-Crassane pears harvested & **stored** 063994
of pelleting & of different types of **storage.** 064041
in cock spermatozoa in course of **storage.** 064969
on sialic acids of ram's semen at **storage.** 064971
"storehouses" of cereals & their influences 068022
in drying of Satsuma oranges. **[Storage].** 063973
Acid-treated grains **aid storing,** handling & f- 064828
Farm expenses for long-term **apple storage.** 062506
Results of **apple storage** experiments in Hu- 069020
bibliography on **storage** of **asparagus,** 1953-- 063887
Control of insects **attacking stored** grain & 070591
of health condition on **storability** of **beef.** 063079
Storage behavior of artificially waxed green 063959
of fruits & vegetables. V. On **CA-storage** of 063968
Statisctisc of wine stocks & **storage capacity** 062797
Shifting of **storage capacity** for higher effect- 072029
Annotated bibliography on **storage** of **carrots,** 063890
Private label milk for **chain stores** continues 062642
postharvest physiology & **storage** of **citrus** f- 063970
interpunctella Hubner in raw **cocoa stores** 070570
Influence of longer **cold storage** (+4 degrees 063185
Cold storage rooms for butchery. 063587
Influence of longer **cold storage** (+4 degrees 063656
to increase survival & quality of **cold-stored** 063934
of fresh air into experimental **cold storage** r- 063936
How to handle apples in **cold storage.** 063947
Carbohydrate changes during **cold storage** of 068323
to increase survival & quality of **cold-stored** 069044
Private label milk for chain **stores continues** 062642
Controlling storage rot of onion bulbs caused 069361
Cool storage of cut Narcissus. 063894
Cool storage of Narcissus flowers in fibre-b- 063895
Ecological inventory & **data storage-retrieval** 066899
On effect of **different storage** terms of ethyl- 067371
methanesulphonate & **stored** at **different** wa- 067913
On effect of **different storage** terms of ethyl- 068182
Inherited lysosomal **storage diseases:** an ess- 065976
Control of **storage diseases** of carrots by wa- 069282
its importance in **storage** & **distribution** of f- 063351
losses occurring during **storage** of **dried** gre- 064041
On mechanism of **"storage effect"** in irradia- 067802
mutagenic activity during **storage** of **ethyl** 063714
Results of apple **storage experiments** in Hu- 069020
Feed storage. [Structures]. 071500
effectiveness of mineral **fertiliser stores.** 072029
of goods kept in sacks & in **flat storage** with 063703
Fast **food store** location factors: a comparis- 062689
Milk sales in **food stores:** pricing & other m- 062775
during cooking, processing & **storage** of **food** 063411
Management of **stored food** & seed potatoes 063897
Up-to-date quick freezers & **freeze-storage.** 063603
Studies on **storage** of **fruits** & vegetables. V. 063968
of pathogenic mycoflora on **stored fruits** in 069408
hatching, survival, & fecundity. **[Stored grain,** 070571
detect beetles (Coleoptera) in **stored grain.** 070572
Lepidopterous larvae attacking **stored grain** 070575
Control of insects attacking **stored grain** & 070591
post-harvest processing & **storing** of **grains** in 071628
factors: a comparison with **grocery store** loc- 062689
Fruit quality & **grocery store.** 063192
Cost of **storing** & **handling** grain & controlli- 062587
Storage & **handling** of rambutan (Nephelium 063991
Acid-treated grains aid **storing, handling** & f- 064828
time & temperature of **storage** of **hatching** e- 065569
Mechanized harvest & **storage** of **hay.** 064106
Factors **influencing storage** rot of certain fru- 069360
Storage of **insecticides** in fat body of Spodo- 070691
hematology & liver copper & **iron storage** of 064438
Stability in relation to **storage keeping** qual- 063352

Preservation & **storage** of **leaf** protein prepa- 063760
Annotated bibliography on **storage** of **leeks,** 063888
Annotated bibliography on **storage** of **lettuce** 063889
a comparison with grocery **store location** fac- 062689
properties of fungi under **longterm storage.** 069571
Storage losses prevention. [Grain]. 063365
Storage losses of taro corms in British Sol- 069242
Inherited **lysosomal storage** diseases: an ess- 065976
This barn has ten months' **manure storage.** 071460
Storage & **marketing** of potatoes. 062628
Milk storage & product quality. 063140
Fat & protein content in fresh & **stored milk** 063538
Storage of **mineral** fertilizers. 072234
Storage mites brought into our country toge- 070584
Improving beet cleaners for **mobile storage** 071668
hull & wood shaving on **storage** of **onion.** 063993
Optimal storage of wine, comparison of con- 063872
L.). II. Changes during **permanent storage.** 063880
grain with malathion. [**Storage pests,** diseas- 069923
cell walls as factors affecting **Phoma storage** 069474
in a cooperative unit for 1000 **store pigs** at 065128
beet cleaners for mobile **storage piling** mach- 071668
of plant hormones on **plant storage** substan- 067864
Inhibition of sprouting of **stored potatoes.** 063870
Storing potatoes. 063976
How to **store potatoes** better. [Fungus disea- 069575
Consequences of **storing poultry** semen froz- 065185
insect-resistant cotton bag. [**Stored products** 070590
Influence of **prolonged storage** of rapeseeds 063864
technology of **storing propagation** materials 069194
lipids on **storage** with **protein** in presence of 063454
Synthesis of **storage proteins** in endosperm 067841
temperature variations on **storing resistance** 070254
Ecological inventory & data **storage-retrieval** 066899
sausages & pasterma during **storage** at **room** 063654
Cold **storage rooms** for butchery. 063587
air into experimental cold **storage rooms.** 063936
Factors influencing **storage rot** of certain fru- 069360
Controlling **storage rot** of onion bulbs caused 069361
walls as factors affecting Phoma **storage rot** 069474
Influence of ethylene on **stored** late-**season** 063932
fatty acid formation during **seed storage.** [O- 063787
Seed storage & germination of black poplar. 068526
Injurious mites in grass **seed storage.** [Acar- 070585
Lipid deterioration in **stored seeds** of Brassi- 064037
Attempts to obtain & **store semen** of Bomb- 071372
Storage situation in food industries. 063337
Manure & **slurry storage.** [Tanks, costs]. 062480
Soilwater storage & yield of winter wheat in 068647
Lepidoptera) as a pest of **stored soybean** in 070580
mutation frequencies in **stored spermatozoa** 070869
survival & quality of cold-**stored strawberry** 063934
plant hormones on plant **storage substances** 067864
Storage of **sugar** beets. 063724
in production & **storage** of **sunflower** seed oi- 063860
Storage temperature of deep frozen foods. 063361
effects of variety, **storage temperature,** year 069080
frozen eggs during long-**term storage.** 063684
On effect of different **storage terms** of ethyl- 067371
induction of mitoses in **storage tissue** of Sol- 068260
Effect of **storage** on **value** of feed mixtures 064842
of potato tubers: effects of **variety, storage** t- 069080
Ideas on **vegetable storage** under industriali- 063896
Indian meal moth, pest of **stored walnuts.** [070587
Water storage of Scots pine sapwood in con- 066503
Lifting & **storing western** conifer seedlings. 066369

STRAIN

associated to antigenic factors: M II **strain.** 066416
of vaccines from Brucella **abortus strain** nu- 065685
On preservation of Borrelia **anserina strains** 065697
between virulent & **attenuated strains** of inf- 065718
of virulence in two **strains** of **avian** Mycopla- 065509
Sensitivity of **bacterial strains** isolated from 065452
Resistance in beans to **strains** of **bean** com- 069631
In vivo **bone strain** recorded from thoracic 064424
after vaccination with B-8 **strain** of **Brucella** 065807
A serious outbreak of **strains** of **Cercospora** 069520
Biochemical peculiarities of **certain strains** of 063565
Pathogenicity of a **strain** of **Chlamydia** psitt- 065383
growth differences between **strains** & **diets.** 064644
plants affected with **different strains** of pota- 069660
of tobacco mosaic virus **strains existing** in 069644
insecticides from **strains** with **factors** of resi- 070636
Catalogue torwards a **strain** of **Fusarium** ox- 069236
On ecology of a **German strain** of Rhipicep- 071081
mutants in a **homothallic strain** of Physarum 067150
Sensitivity of bacterial **strains isolated** from 065452
A virus **strain isolated** from chickens showi- 065557
A nucleic acid associated with a **killer strain** 067709
Use of Marquise **monogenic strains** for reve- 069435
properties of two **strains** of **mosquito** iridesc- 071067
sperm dimensions of inbred **mouse strains.** 065028
differentiation of **strains** of **Mycobacterium** 065567
from Brucella abortus **strain number** 16 LVI 065685
Enzymatic variation in **pathogenic strains** of 069348
identification of **strain** of **pathogenic** fungi f- 069454
after inoculation by **strains** of **Phytophthora** 069469
bonding & tensile stress-**strain properties** of 066551
Charcoal rot of ridge-gourd: a **pycnidial stra-n** 069378
In vivo bone **strain recorded** from thoracic 064424
Survivability of **reindeer strains** of Brucella 065805
in swine by antibiotic **resistant strains.** 065847
metal toxicities in a cobalt-**resistant strain** of 069762
developmental phases of **resistant strain** of 070628
to lime pelleting of two **Rhizobium strains** 071744
A comparative study of **several strains** of Te- 070246
Insecticides & **spawn strains.** [Mushrooms] 070471
A study of **strains** of **Staphylococcus** aureus 065613
Fiber bonding & tensile **stress-strain** propert- 066551
insecticide-resistant & **Susceptible strains** of 070603
in different Bacillus **thuringiensis strains** & 070255
injected with lapinized **vaccine strain** K & a 065737
of radiosensitivity of **various strains** of Chlo- 067803
Host preferences of **various strains** of Aedes 070658
A **virus strain** isolated from chickens showi- 065557
virus vaccine of "C" inoculation **virus strain** 065580
classification of tobacco mosaic **virus strains** 069644
part of pectoral limb in rat of **Wistar strain** 066025
Choice of **yeast strains** used in natural apple 063871

STRAND

pseudoannulata Boesenberg et **Strand** (Aran- 070801
Swinh., Chilo **orichalcociliella Strand** (Lepi- 070387
in isolated maize bundle **sheath strands.** 068114

STRATEGY

production; recent research & **strategy.** 063008
Strategy for **agriculture** development in "se- 062900
A new **strategy** for **control** of damage by qu- 069892

STRATIFICATION

Seed stratification of Pinus koraiensis. 066355

STRATIOMYIDAE

of Oxycerini (Diptera: **Stratiomyidae**). 071210

STRAW

Effect of rice **straw application** on greenhou- 068924
during manuring with **straw** & **application** of 072231
In vitro digestibility of **barley straw** treated 064605
Recent results in **developing straw** pelletisat- 064677
from medium to fine **French straws** in cattle 065208
Oh, this **irksome straw!**[Decomposition, hu- 072149
Studies on use of **straw meal** pellets in bull 064859
Straw mulch & farmyard manure for peaches 072213
tow on fructification of **straw mushroom.** 069159
Organisation of **straw pelletisation** in Karl 064053
in production & feeding of **straw pellets.** [C- 064678
study of bagasse & wheat **straw pulping** for 063371
Effects of sand, sawdust, rice **straw, rice** hull 063993
soil relative to application of **rice straw** & m- 071731
Use of **straw wafers** in cattle feeding. 064790

STRAWBERRIES

fields on plant growth. [**Strawberries**]. 068291
of some weed species & **strawberry** C.V. Ca- 070081
of perennial grass weeds in **strawberries.** 070084
fragariae. [**Strawberries, anthracnose**]. 069483
Response of **strawberry** to **applications** of 2 070088
of virus diseases on **strawberries** in **area** Br- 069632
rainier", a dual purpose **strawberry cultivar** 069004
Relative hardiness of **strawberry cultivars** at 068298
on defoliation of two **strawberry cultivars** at 068976
Everbearing **strawberry cultivars** in Illinois 068999
polythene tunnels for **early strawberries.** 068978
Methods of **evaluating strawberry** plants as 069312
Everbearing strawberry cultivars in Illinois 068999
comari Karsten. [**Strawberries, fungus** disea- 066797
state: commercially **grown strawberries.** 069919
Ginkgo biloba, tobacco, **strawberries, kidney** 070279
Prolonged afterglow of **strawberry leaves** du- 068340
of biology & control of **strawberry mite** (Ta- 070459
quality of cold-stored **strawberry nursery** pl- 063934
fruits. [Granadilla, **papayas, strawberries**]. 064012
1973 **Strawberry pest** control. 069743
Soil diseases in **strawberry plant.** 069792
couch grass) in **strawberry plantations.** 070086
damage in freshly **planted strawberries.** 070079
Preservation of **strawberry plants.** 063918
Methods of evaluating **strawberry plants** as 069312
requirements for **strawberry production.** 062351
Intensification of **strawberry production** in 062356
grass weeds in **strawberries** with **pronamide** 070082
of metal ions on color of **strawberry puree.** 063952
"rainier", a dual **purpose strawberry** cultivar 069004
Response of **strawberry** to a **range** of foliage 070087
of raspberries & **strawberries** to **residues** of 070089
survival & quality of cold-**stored strawberry** 063934
Ginkgo biloba, **tobacco, strawberries,** kidney 070279
Tolerance of six **strawberry varieties** to phe- 070080
yields of **strawberries** in West **Verginia.** 069183
planted Cambridge **Vigour strawberries** to p- 070083
on damage capacity to **strawberries** by **white** 069833

STREAK

virus]-resistant cultivars to **double streak** & 069676

STREAM

Runoff characteristics of **California streams** 072467
Pennsylvannia **clean streams** law applies to 072598
of leaf litter by **stream detritivores.** [Tipula, 070816
Energy flow in a woodland **stream ecosystem.** 070768
On interaction of airflow & **streams** of **grain** 071676
Ephemeroptera) in a **karstic stream.** 070760
basin of Tijuco Preto **stream, Rio** das Pedras 071890

STREPTOCOCCUS

milk gland of cows. [**Streptococcus agalacti-e,** 065474
in determination of **streptococcus agalactiae.** 065558
Streptococcal arthritis in lambs. 065748
Pseudomonas sp. & **Faecal streptococci.** 063053
infected with **Streptococcus faecalis** or Stap- 065523
activities of **Streptococcus lactis** & dipeptid- 063483
studies of group E **streptococci** in **swine** leu- 065440
*** 065442

STREPTOMYCETACEAE

of common scab (**Streptomyces scabies**) on 069581

STREPTOMYCIN

in olives treated with **streptomycin.** 070432
elimination of **streptomycin** from **chick** body 065848

STREPTOTRICOSIS

dermatitis (**bovine streptothricosis**). 065429

STRESS

Adaptation, stress & production. 064273
Analysis of **stress distribution** in sapling tree 068512
Effect of **stress factors** on health of baby pi- 065344
Effects of **heat stress** in brood sows. 064993
deficit] of leaves & soil **moisture stress.** 067397
Effects of **moisture stress** at early heading 067925
Effects of soil **moisture stress** on two varieti- 067976
to carbon dioxide, an **onoxic stress** in Driso- 070854
PSS: **porcine stress** syndrome. 065252
Bases of **stress properties** in sandwich boar- 066438
Temperature dependence of **stress relaxation** 066489
of emergence in normal & **stress seeding** env- 068239
Fiber bonding & tensile **stress-strain** propert- 066551
health areas will be **stressed** at **veterinary** c- 065249
Effects of osmotic **water stress** & gibberellic 068525

STRIATELLUS

planthopper Laodelphax **striatellus Fallen.** 069619
Uhler & Laodelphax **striatellus Fallen** in non 070332

STRIATION

disease with symptoms of **wheat striate** & r- 069726

STRIGA

Control of **Striga hermonthica** in peasant fa- 069946

STRIP

for overhead spraying for furrows & **strips.** 071591
ammonium fertilizers with **strip application** 071978
Change in soil properties in **clearing strips** 071823
Management of **forest strips** in Volga region 066233
Federal regulation of **strip mining.** [Soils]. 062874
Water & physical properties of **stripped roc-s** 071882

STROBILI

promotion of staminate **strobili formation** at 068592

STRONGYLIDAE

of infective larvae of "**digestive strongyles**" 065405
of infective larvae of **strongylid nematodes** of 065528
Kikuchi: enigk model of **Strongylus vulgaris** 065457

STRONGYLOIDIDAE

of Levamisol on **Strongyloides infection** of 065655
in those with **Strongyloides infestation.** 065831

STRONTIUM

species by beta-radiation of **strontium-89.** 069835
Strontium-90 & **caesium-137** as dangerous c- 072584
discrimination between **strontium** & **calcium** 068032
sodium--calcium & sodium--**strontium cation** 071877
Strontium 90 **contamination** of some soils in 072483
on entering of **strontium-90** into **plants.** 067562

STRUCTURE

Orthoptera): capsule localization & **structure.** 071079
Feed storage. [**Structures**]. 071500
Structure & **absolute** configuration of epikh- 067611
Enkainthus nudipes. II. **structure** & **absolute** 068425
On **structural aesthetic**-valuation of landsca- 072494
Agrarian structure & its effect on production 062253
On terpenes. CCXXI. **structure** of **alatolide,** 067542
Structural analysis of Japanese-North Amer- 066444
Structural analysis of an acidic polysacchari- 067475
Anatomic structure of involucre of capitula 066972
determined changes in **anatomic structure** of 066999
Anatomical structure of young growth leaves 066996
VI. Isolation & **structure** of **ancistrocladisine,** 067609
CCXXII. **structure** of **archangelolide,** a sesq- 067543
soils with action of **artificial structure**-forme- 072195
of optimum amount & **structure** of **basic** fun- 062579
Physiognomy & **structure** of **benthic** macrop- 066885
Structural & **biochemical** changes during co- 063631
Structure & **cation** content of a podzolic soil 071769
Structural change of agriculture & its effect 071616
Structural changes in Austrian poultry indu- 062840
Strength losses & **structural changes** in cott- 063820
Strength losses & **structural changes** in cott- 063832

changes with **structural changes.** 067448
analysis based on **structural characters.** 071157
Chloroplasts structure & evolution of Eupho- 066928
temperatures on **structure** of **chloroplasts** & 067985
Chloroplasts structure & evolution of Eupho- 069244
Structural chromosome mutations under pos- 067160
Soil **conservation structures** for marginal ar- 072292
Practical gluten **structure control.** [Breadm- 063711
arable areas; gully **control structures** & abso- 072292
macro-, microand **structural controls** in agri- 062848
Cooperative structure must allow managem- 062429
Community] on **structure** & **cropping** systms 062238
Crystalline structure of tropomyosin & trop- 063640
Influence of quasi-**crystalline structure** of w- 067889
methods of drying on fine **structure, density,** 063693
Tractor. 12. **Structures** & **developing** techno- 071551
Structure & development of a form of Dino- 066765
Structure & development of sieve areas in l- 067024
Structure & development of a genetic tumour 067027
Saxifragaceae. VI. **Structure & development** 067037
Structure & development of sugar beet cano- 068094
Structure & development of a genetic tumour 069891
Changes in **diameter structure** of tree stands 066199
of dubinidine & **dubinine, structure** of isodub- 067504
for protection of field-**earthen-structures** in 072279
Efficient structure of feed production on col- 062449
A study of **structure** of **eggplant** mottled dw- 069716
Isolation & **structural elucidation** of eupaser- 067670
Building economically. [**farm structures**]. 071494
Building economically. [**Farm structures**]. 071495
Establishing a **favorable structural** state of 071926
Structural features inhibiting cross-reaction 067476
Effect of **structure** of **feed** rations on digesti- 064884
Effect of **structure** of **feed** rations for cows 064896
Structure of **ferulidin:** a new sesquiterpene l- 067498
Effect of methods of drying on **fine structure** 063693
Fine structure in blood cells of Japanese qu- 064463
Fine structure of eosinophilis in domestic d- 064572
Fine structure of Sarcocystis fusiformis from 065648
Fine structure of seven unitunicate pyrenom- 066951
Development & **fine structure** of ascus apex 067011
Fine structure of green & white leaves of P- 067022
Fine structure of chloroplast envelope of a r- 067032
Fine structure & function of ventral intestin- 071013
of irradiance & **foliage structure.** 067753
capacity of polymer-**structure formers.** [Soils 072194
with action of artificial **structure-formers.** 072195
Role of hydrogen bonds in **forming structure** 063740
Structure & function of ferritin. [Mamals, p- 064280
Structure & function of insect muscle. [Leth- 070802
between **structural** & **functional** characterist- 066826
Genotypical structure of a panmictically mu- 067077
Practical **gluten structure** control. [Breadm- 063711
Studies on **glyceride structure** of fats. II. C- 063410
Glyceridic structure of Canbra oil. [Rape oil 063786
acid-esterase activity in **granular structures** 067600
Structure of **hederacaucaside** B, a saponin f- 067531
greenhouse farming. 2. **Structure** & **intensity** 071441
Structure of **isobadkhysin.** stereochemistry of 067497
Structural land changes in agricultural prob- 062236
Leaf structure of Ziziphora clinopodioides 067053
Development of demand in **market structure** 062653
Market structure. 062681
of egg production & **marketing structures.** 2 062620
of coordinated macro-, **microand structural** 062848
Microscopic structure of longissimus dorsi 064466
Structure of **mitochrondria** in etiolated pea 067044
Cooperative **structure must** allow managem- 062429
chemical mutagens on **structural mutations** 067202
CCXXIII. **structure** of **nemosenins** A, B, C, 067544
Role of **structural organization** of protoplast 067042
Organizational structure of enterprise & its 062377
Structure of **parfumidine.** [Fumaria parviflo- 067533
Structural & **physiological** studies on parasit- 067012
Orchids for beginner. 3. **Plant structure** & g- 066921
Structural policies & social change. [Rural 062219
Social **structural policy** of European Econo- 062983
of adhesion capacity of **polymer-structure** fo- 072194
Mating systems & **population structure** in t- 067165
Habitat selection & **population structure** in 070953
base & change in **structure** of **productive** cap- 062367
culture of grapes. 2. [**Protective structure**]. 068923
XXX. Isolation & **structure** of **purpuride,** a 067538
Pollution **related structural** & functional ch- 066825
type of data on **resemblance structure** of a 066858
Study on erecting inflated **roof structures** for 071444
On **structure** of **root** systems of basic domin- 067004
Structure & seasonal development of second- 066939
On **structure & seasonal** dynamics of spider 071422
Structure of **seselirin:** a new chromone from 067493
Social structural policy of European Econo- 062983
Soil structure & corn yield in pampa region 068823
Changes of brown **soil structure** at Demano- 071952
Land-use theory & **spatial structure** of ninet- 062289
of dynamics of forest **stand structure.** 068569
Establishing a favorable **structural state** of 071926
Elucidation of **structure** & **stereochemistry** of 070709
Structural studies on avian myeoblastosis vi- 065427
Structural studies & photochemical re-arran- 070722
Cocoonase. V. **Structural studies** on an insect 071396
Subunit structure of horse spleen apoferritin 064314
sheath as possible **transfer** structures betwe- 067732
Taxonomic patterns in **triglyceride structure** 063341
of Azerbaijan according to **structural types** 066682
Structure of **vermiculine,** a new nine-membe- 067849
Vertical structure of larch-birch stands of 065542
of nuclear polyhedrosis **virus structure** in B- 071404
Cell division & **wall structure** in Microspora 067010
Viscoelasticity & **structure** of **wood.** III. Te- 066489
Natural changes in **structure** of **woodstands** 066268

STRUMETA
world's worst pest of fruit. [**Strumeta tryoni** 070511

STRYCHNOS
alkaloids from **Strychnos angustiflora.** 067537

STUBBLE
garden an field pea at sowing into **stubble.** 068881
of fate of avena fatua seeds on **cereal stubble,** 070060
Stubble crops of spring wheat. 068856
Machines for **cutting stubble.** 071637
Stubble management. 072258
Effect of root & **stubble residues** on soiil fer- 071728

STUDENTS
Student assessment with reference to exami- 064236
On practical work of **veterinary students** in 063181

STUMP
in clearing strips with **stump puller**-collector 071823
Ugandan rangeland using **stump treatment** 070190

STUNT
of corn (Zea mays L.) to **corn stunt.** [Virus] 067101
Occurrence of a spiroplasma in **corn stunt**-i- 069877

STY
SEE PIGSTY

STYLOSANTHES
of implantation of **Stylosanthes gracilis.** 068822

STYRENE
properties of amylose acetate-g-poly (**styrene**) 063444

SUBALPINE
of snowmelt within a **Colorado subalpine** wa- 072466
measurements on two **Subalpine sites.** [Fore- 066147
with conifer seeds on **Subalpine sites.** 066315

SUBARCTIC
SEE ARCTIC

SUBCELLULAR
SEE CELLS

SUBCUTANEOUS
Subcutaneous bacteria in turkey carcasses. 063030
of bovine intramuscular & **subcutaneous fat** 063623

SUBFAMILY
SEE FAMILY

SUBLETHAL
SEE LETHAL

SUBMAXILLARY
SEE MAXILLARY

SUBMERGENCE
field experiments on **submerged aquatic** wee- 070100
Microfungi **colonizing submerged** standing c- 069440
by mycelium grown in **submerged culture.** 067691
Bals.) Vuill. in **submerged cultures.** 067695
Effects of **different submergence** times in hot 063957
under conditions of **submerged growing.** 067694

SUBSIDY
Costs & benefits of **subsidizing agriculture.** 062846
Input subsidies for variable resources in agr- 062490

SUBSISTENCE
Concept of "**subsistence**". [Agriculture]. 062301

SUBSTITUTION
Localization of amino-**acid substitutions** diff- 064297
conditions of **substitution** for **conferous** timb- 066434
a closed system as a **substitute** for **halothane** 065298
of irrigation in **substitution** for **hilling**-up. 072458
of a low-**substituted hydroxypropyl** starch. 063445
tritici in thatcher-3B **substitution line.** [Wh- 067116
fat distribution in **milk substitutes.** 063530
Milk substitutes with different fat content in 064754
of **substituted** 1,4-**naphthohydroquinone** este- 063157
usefulness of **substitution processes.** [Wood] 066477
On way to milk **protein substitutes.** [Calves, 064760
fish protein concentrate as **substitute** of **skim** 064764
New **substitute uracils** used as selective herb- 070005

SUBSTRATE
nets on natural & **artificial substrates**--an el- 066952
Effect of salinization of **substrate** on **content** 068348
of bovine trypsin by a **specific substrate** at 064420
of enzyme on **synthetic substrates** & casein. 067659
of dichlozolin on **vegetable substrates.** 070702

SUBSURFACE
SEE SURFACE

SUBTERRANEAN
competition between **subterranean clover** & 067904
Wheat, oats, corn, **subterranean clover,** soy- 069829

SUBTOXIC
SEE TOXICOLOGY

SUBTROPICAL
evaluation of qaulity in **subtropical grasses:** 064598
nodulation of tropical & **subtropical legumes** 071744
dynamics of roots of **subtropical persimmon** 068409
features of **subtropical persimmons** under va- 067847
of Dioscorea deltoidea in **subtropical plains** 069207
of cattle in tropical & **subtropical zones.** 064483

SUBURBS
Increasing specialization in **suburban areas.** 062334

SUCCINIC
oxidase & **succinic-dehydrogenase** activity in 064487

SUCKERS
gibberellin action on **suckering** from **aspen** 068522

SUCKING
Breeding places of **bollk-sucking** mosquitoes 070625
Surgical treatment of **sucking** in **cows.** [Vices 065289
in rearing of pigs. Forming of **sucking order** 064489
in rearing of pigs. Forming of **sucking order** 064491
rate of sows when reducing **sucking period** to 065122

SUCKLING
profit from finishing **suckled calves.** 062479
Open cubicles for **suckler cows.** 071419
powder in mixed feed for **suckling piglets** (p- 064764
viral) bronchopneumonia in **suckling pigs.** 065577

SUCRASE
SEE INVERTASE

SUCROSE
beets, with reference to **sucrose biosynthesis** 068082
Sucrose & cell walls as factors affecting Ph- 069474
Effect of **sucrose content** of milk of lime on 063816
Effect of growth period on **sucrose contents** 068051
On metabolism of **sucrose** by a **cow** fed prot- 064503
percolated soil in "**two-layered sucrose** solut- 071910
Membrane transport of **sucrose** in **plant** tiss- 068160
Physiological role of **sucrose synthetase** in s- 068161
splastid pigments, & **sucrose translocation** in 068389

SUCTION
Soil-**suction measurements** for evaluation of 071808
Water suction of cuttings measured by autoi- 068551

SUFFOCATING
SEE ASPHYXIA

SUGAR
Sugar: stepping up production. 062930
coefficient on concentration of non-**sugars.** 063766
of thick juice & liquor filtration. [**Sugar**]. 063868
growth of leaf & root, & **sugar accumulation** 067952
determination of sugars & **sugar alcohols** in 063326
in pollen grains of **aneuploid sugar** beet. 067375
bibliography on desiccation to **assist sugar** c- 068649
Place of **sugar** in **balanced** diet. 063261
in land use on farms which grew **sugar beet** 062294
Effectiveness of developing **sugar beet** cultu- 062454
On regional economics of **sugar beet** cultivat- 062608
Sugar beet industry in California. 062861
On efficient utilization of **sugar beet** waste 063737
On microflora of raw **beet sugar.** [Bacteria, 063794
Sulfitation of **beet sugar** products. 063798
sulfitation of thick products of **beet sugar** m- 063799
Cane raw sugar processing during **beet sugar** 063853
More attention to **sugar beet** pulp. [Feed]. 064089
ration with a high proportion of **sugar beet** 064921
of formation of tapetal tissue of **sugar beet** 067055
results & monocarpous tetraploid **sugar beet** 067082
Studies on **sugar beet** breeding for performa- 067083
meiosis in a partially male-sterile **sugar beet** 067121
Trend to breed monogerm **sugar beet.** 067282
in pollen grains of aneuploid **sugar beet.** 067375
regulators as a pretreatment for **sugar beet** 067920
of photosynthesis intensity in **sugar beet** lea- 067982
intensity, yield & sugariness of **sugar-beet.** 067983
period on sucrose contents in **sugar beet.** 068051
fractions in various parts of **sugar beet** & ch- 068070
Structure & development of **sugar beet** cano- 068094
respiration of leaves of **sugar beet.** 068113
role of sucrose synthetase in **sugar beet** roots 068161
correlations between growth & **sugar beet** ti- 068162
Sugar beet production in EEC. 1. Agricultur- 068628
equipment & ensilaging of **sugar beet** leaves 068664
in complex research of **sugar beet** culture. 068740

Effects of sparse **sugar beet** sowing with use 068789
increased rates of nitrogen on **sugar-beet** yie- 068825
Effect of stand density on **sugar beet** yield. 068868
Location of **sugar beet** roots relative to surf- 068869
caused by fungal root parasites to **sugar beet** 069465
Investigations on perfect stage of **sugar beet** 069468
affecting Phoma storage rot of **sugar beet.** 069474
properties of newly determined **sugar beet** v- 069654
of resistant & susceptible **sugar beet** cultiva- 069684
All-Union Research Institute of **Sugar Beet** 069838
Pests & diseases in raising of **sugar beet.** 069840
Sugar beet protection under conditions of m- 069851
Sugar beet nematode as pest of cabbage. [H- 069858
Manganese deficeiency of **sugar beet** in org- 069884
Weed control in **sugar beet:** 1973. 069945
grasses & broad-leaved weeds in **sugar beet** 069958
Effect of weeds on **sugar beet** crop. 069959
Use of **sugar beet** herbicides on sandy soils. 069960
Weed & pest control in **sugar beet** culture. 070140
for control of aphids on **sugar beet** crops & 070360
preparations for controlling **sugar beet** insect 070361
bean aphid Aphis fabae Scop. on **sugar beet** 070381
Equipment for **sugar beet** harvesting. 071578
A **sugar beet** harvesting machine assembled 071660
Serious shortage of lime in **sugar beet.** [Soil 071998
salt & muriate of potash on **sugar beet.** 072104
fertilizers in providing high-yield **sugar beet** 072196
soils in Kazakhstan with a **sugar beet** crop 072326
root, & sugar accumulation in **sugar beet** var- 067952
Production & purchasing of **sugar beets** acco- 062639
Storage of **sugar beets.** 063724
for sulfitation of juice. [**Beets, sugar** manufa- 063793
for technological evaluation of **sugar beets.** 063804
physiological features of **sugar beets** & its p- 067056
Obtaining mutations in **sugar beets** through 067177
male sterility in breeding of **sugar beets.** S- 067301
regulator for sugarcane & **sugar beets.** 067921
related substances in developing **sugar beets** 068082
of sucrose in plant tissue. [**Sugar beets**]. 068160
of photophosphorylation. [**Sugar beets**]. 068163
It pays to sow early. [**sugar beets**]. 068627
yield & quality studies. [Wheat, **sugar beets,** 068758
between yield & quality of **sugar beets** & ch- 068865
variability in nematode control. [**Sugar beets**] 069847
application of Betanil 70 in **sugar-beets.** [W- 070117
New incentive for **sugar beets** culture consi- 070139
of sym-triazines on wheat & **sugar beets.** 070159
in beet-growing zone of USSR. [**Sugar beets** 070206
Fighting pests of **sugar beets.** [Insects]. 070398
loads in culture & harvesting of **sugar beets.** 071694
between yield & quality of **sugar beets** & ch- 071946
physiological features of **sugar beets** & its p- 071947
fertilizers on yield & quality of **sugar beets.** 071982
for maximum production. [**Sugar beets**]. 072204
use of top dressing in culture of **sugar beets** 072224
in beet-growing zone of USSR. [**Sugar beets** 072324
on crop formation of round **sugar beets** for f- 072455
On irrigating **sugar beets** grown in Sierozem 072463
sugar processing during beet **sugar campaign** 063853
on quality constituents of **sugar cane** juice. 063744
on desiccation to assist **sugar cane** harvesting 068649
Ultra-low-Volume for control of **sugar cane** 070304
on quality constituents of **sugar cane** juice. 072095
paying for beets according to **sugar content** 062569
Milk products with fruit & **sugar content.** 063504
Determining **sugar content** of wine. 064031
of effect of temperature on **sugar content** of 068475
Reducing **sugar content** of potato tubers: eff- 069080
of sugar beets according to **sugar content** in 062639
preparations for **controlling sugar** beet insect 070361
farming by Taiwan **Sugar Corporation.** 062326
some properties of newly **determined sugar** 069654
Determining sugar content of wine. 064031
Effectiveness of **developing sugar** beet cultu- 062454
acid related substances in **developing sugar** 068082
sector on Pervomaiskii State Farm, **Gur'ev** 072351
Influence of **exogenous sugar** feeding on acc- 067888
Study of process of **extracting sugar** from b- 063800
sector on Pervomaiskii State **Farm, Gur'ev** 072351
Influence of exogenous **sugar feeding** on acc- 067888
herbicide for weed control in **sugar & fodder** 069957
Is **French sugar** industry lacking ambition? 063006
in land use on farms which **grew sugar** beet 062294
Honiron introduces **sugar hi**-extraction proc- 063818
of sugar & relation between **sugar industry** 062638
Is French **sugar industry** lacking ambition? 063006
Sugar industry in South Africa. 063022
1973: **Sugar industry** of European Economic 063023
cooperative work. [**Sugar industry**]. 063024
Increase of **sugar industry** in Thailand. 063025
of a packing process line. [**Sugar industry**]. 063725
Pollution abatement & **sugar industry.** 063791
Honiron **introduces sugar** hi-extraction proc- 063818
On **irrigating sugar** beets grown in Sierozem 072463
Effect of irradiation on **juice sugars** & wine 063996
Response of grasslands on **sugar-limestone** in 066860
designed for rpoduction of **liquid sugar.** 063790
of juice. [Beets, **sugar manufacture**]. 063793
in a frozen state. [**Sugar manufacture**]. 063795
of thick products of beet **sugar manufacture** 063799
solutions when heated. [**Sugar manufacture**] 063803
seeding of raw crystals. [**Sugar manufacture,** 063805
juice decolorization. [**Sugar manufacture**]. 063867
between escape of **sugars** from **mesophyll** ce- 068163
Stimulatory effect of non-**metabolized sugar** 067667
Synthesis of **milk sugars.** 064384
of "relative sweetness" of **sugar mixtures** wi- 063408
Trend to breed **monogerm sugar** beet. 067282
Studies on **sugars, organic** acids & volatile c- 063884
of four western softwoods: white **pine, sugar** 066549
Cane raw **sugar processing** during beet sugar 063853
substances & their role in **sugar production** 063797
Sulfitation of beet **sugar products.** 063798
Cane **raw sugar** processing during beet sugar 063853
Reducing sugar content of potato tubers: eff- 069080
on guaranteed price of **sugar & relation** bet- 062638
irrigation on crop formation of **round sugar** 072455
salts on properties of **sugar solutions** when 063803
point & supersaturation of **sugar solutions.** 063850
Effects of **sparse sugar** beet sowing with use 068789
determination of **sugars & sugar** alcohols in 063326
Reaction of resistant & **susceptible sugar** be- 069684
of mechanized farming by **Taiwan Sugar** Co- 062326
results & monocarpous **tetraploid sugar** beet 067082
concentration dependence of **sugar transport** 064563
Effect of **various sugars** on hepatic glucose-6 064437
yield & quality studies. [**Wheat, sugar** beets, 068758
quality of Indian plantation **white sugars.** 063131
process for manufacture of **white sugar.** 063743
fertilizers in providing high-**yield sugar** beet 072196

SUGARBEETS

Nematodes. [**Sugarbeets**]. 069904
as complementary treatments in **sugarbeets** 070208
high powered leaf eaters. [**Sugarbeets**]. 070390
that must be Fatched. [**Sugarbeets**]. 070392
maggot--early summer threat to **sugarbeets** 070397
Weed control in **sugarbeet fields** in north I- 070134
Determination of nitrogen in **sugarbeet juice** 063765
Wanted: for **killing sugarbeets**-- lygus bug. 070393
Sugarbeet leafhopper-curley top virus carrier 069702
a potential problem for **sugarbeet leaves.** 070395
troublemaker for **seedling sugarbeets.** 070396
Wireworms--enemy to **sugarbeet tap** roots & 070391

SUGARCANE

of germination temperature in **sugarcane.** 067971
on growth & RNA content of **sugarcane.** 068171
on macronutrient accumulation in **sugarcane** 068179
susceptibility to sheath mite of **sugarcane.** [070350
varia saccharina (Distant). [**sugarcane**]. 070406
Diurnal behavior of **sugarcane acid** invertase 068085
Barbados, West Indies, **against sugarcane** m- 070323
Physiological research of **sugarcane** to **auxin** 068042
a promising parasite of **sugarcane borers.** 070349
response of ratoon of **sugarcane** to **calcium** 068041
Some aspects of **sugarcane culture** in Puerto 068738
Queensland. [Virus **diseases, Sugarcane**]. 069650
received by small plots of **sugarcane due** to 067966
phosphide on rat control in **sugarcane field** 069908
Freeing sugarcane from mosaic virus by api- 069704
rearing methods of New **Guinea sugarcane** 070873
Effect of **harvesting sugarcane** at 12, 14, & 068801
Studies on **sugarcane irrigation.** VI. Effect of 068172
Studies on **sugarcane irrigation.** VIII. effici- 072458
West Indies, against **sugarcane mealybug,** S- 070323
to support inclusion of **Oriental sugarcane** t- 071291
effects of frost on **sugarcane** in **Punjab.** 1. F- 069823
in cellulose from **sugarcane residues** by adia- 063807
growth regulator for **sugarcane & sugar** beets 067921
support inclusion of Oriental **sugarcane top** 071291
growth & yield of **sugarcane** under **various** g- 068172
methods of New Guinea **sugarcane weevil,** 070873
an insect vector of **sugarcane white** leaf dise- 069705

SULFAMETHAZINE

of two doses of **sulfamethazine sodium** to L- 065336

SULFATE

uptake in plants. I. Phsophate & **sulfate.** 067760
after application of **ammonium sulphate** to g- 071741
Effect of CuSo4 [Cupric **Sulfate Anhydrous**] 070680
I. Utilization of **calcium sulphate** by sheep. 064292
sheep with copper **sulfate chemoprophylaxis** 065683
of infections with **copper sulphate.** 065945
evaluation of ammonia & **ferrous sulphate** tr- 064688
Effects of **iron sulfate,** phosphorus, & zinc s- 068308
Use of **sulfates** for **livestock.** [Nutrition]. 064819
Stability of **sulfated oils** after hydrolysis: St- 063435
control of efficacy or oral **quinidine sulfate** 065918
Bacterial reduction of **sulfates** in **soils** of M- 071730

SULFHYDRYL

hydrazide to act as a **sulfhydryl** or **carbonyl** 068458
Effect of **sulfhydryl groups** & disulfide bonds 063691

SULFIDE

Direct determination of **hydrogen sulphide** in 063406
3-Chloroallyl **methyl sulfide,** a product from 069810

SULFITATION

Sulfitation of **beet** sugar products. 063798
optimum conditions for **sulfitation** of **juice.** 063793
optimum conditions for **sulfitation** of **thick** 063799

SULFITE

production of bisulphite & **acid sulphite** pulp 066421
Effect of **potassium sulphite** on recovery of 063966
liquor by active carbon. [Wood **pulp, sulfite**] 066459

SULFONAMIDE

binding & dosage of some **sulphonamides.** II 065369
binding & dosage of some **sulphonamides.** III 065370
Blood levels of **sulfonamide** after **intravenous** 065336

SULFONATE

action of sesone & **ethylmethane sulfonate.** 067191
on effect of isopropyl **methane sulfonate.** 067081

SULFUR

reduced by heavy application of **sulfur.** [Pin- 069319
XV. synthesis of geranylated **aromatic sulfur** 070806
Colloidal sulphur in control of oak mildew. 069447
Changes in nitrogen & **sulphur content** & ot- 071741
of sown pasture on a **sulphur deficient** basal- 071997
Sulfur dioxide content of beer. 063311
Effect of low **sulphur dioxide** concentrations 066155
Low level of SO2 [**sulfur dioxide**] enhanced 067314
Absorption of **sulphur dioxide** by tobacco pl- 068031
uptake of ozone & **sulfur dioxide.** [Tobacco, 069781
of Cyanophyta to **sulfur & phosphorus.** 067721
On **sulphur requirements** of useful agricultu- 067682
of bacteria participating in **sulphur turnover** 071876
Effect of **sulfur** on **yield** & amino acids of s- 067938
Effect of **sulfur** on **yield** of forage & vegetab- 072123

SUMMER

Special food service for **summer!** in Portland 063236
Special food service for **summer** !: in Cinci- 063237
by young white pines in late **summer.** [Pinus 068517
Citrus insect control for **summer** 1973. 070431
irradiation populations of **summer barley.** 1. 067072
postirradiated populations of **summer barley** 067073
on nutrient uptake of **summer barley** in diff- 072185
Summer catch crop growing. 068765
Summer damages caused by eyespot disease 069327
Effect of **dry summer** 1971 on radial growth 068591
Summer & early fall apple varieties. 069001
Root maggot--**early summer** threat to sugar- 070397
Training manual: Special **Summer Food** Ser- 063015
Growing summer paddy. [Rice, India]. 068743
Yponomeutidae) in **summer** 1971 at **lower** I- 070267
lowered temperature during **summer nights** 064406
Growing **summer paddy.** [Rice, India]. 068743
you accountable for your **summer program?** 062143
Effect of **summer pruning** on growth dynami- 068409
garden pea nd field pea at **summer sowing.** 068880
Training manual: **Special Summer** Food Ser- 063015
from leaves of spring & **summer species** of 067859
Summer supplementary feeding of dairy co- 064774
Root maggot--early **summer threat** to sugar- 070397
in relation to frequency of **summer tillage,** 068647
reductase activity in roots of **summer wheat** 068006

SUN

of Cladonia mitis (Sand.) from **sun & shade** 067560

SUNFLOWERS

Heredity of some characters in **sunflower** (067137
types of chlorophyll mutations on **sunflower** 067363
on patterns of development. [**Sunflowers**]. 068013
in Helianthus annuus L. [**Sunflowers**]. 068181
fungal disease complex of **sunflowers.** [Fusar- 069519
for controlling Orobanche in **sunflowers.** 070235
on seed yield & other parts of **sunflower.** 072100
Minimum tillage in **sunflower culture.** 072314
amino acids in young **decapitated sunflower** 068098
planting density of **sunflowers grown** for sil- 068832
of pectic substances from **sunflower heads.** II 068089
of pectic substances from **sunflower heads.** 068090
Sunflower hull & corn roughage pellets, Trit- 064783
of chlorogenic acid from **sunflower kernels.** 063757
magnesium methyl bromide. [**Lard, sunflower** 063410
of a Warburg Apparatus. [**Sunflower oil**]. 063865
Potential for **oilseed sunflowers** in United S- 062585
of experimental mutations. [**Peas, sunflowers,** 067172
acids in young decapitated **sunflower plants** 068098
Observations on **sunflower pollination** in Ill- 071375
Sundak: a rust-**resistant sunflower** variety. 068772
liberation of bleeding sap by **sunflower root** 067995
in production & storage of **sunflower seed** oi- 063860
Respiration of **sunflower seeds** during their 068002
mutations. [Peas, **sunflowers, tomatoes**]. 067172
Sundak: a rust-resistant **sunflower variety.** 068772
basic tillage & fertilizer on **sunflower yields** 072176

SUNSHINE

Effect of **sunshine** upon **frost** damage of you- 069830

SUPERMARKET

SEE MARKETS

SUPERPARASITISM

superparasitism in **Trichogramma** evanescens 071037

SUPERPHOSPHATES
SEE PHOSPHATES

SUPERVISION
execution & **supervision** of **coordinated** mac- 062848
Use of air photos for **supervision** of **forest** c- 066279

SUPPLEMENTS
Anoplura, supplement. 071141
California supplements national program. [062914
by beef cattle of a **cereal supplement** given 064617
in calves given **supplements containing** large 064660
Influence of level of **copper supplement** & r- 064654
Effects of level of **copper supplement** & rem- 064655
of France & **eighth supplement** to Catalogue 071340
late non-root **fertilizer supplements** on wint- 072116
by beef cattle of a cereal **supplement given** 064617
urinary calculi in calves **given supplements** 064660
Influence of an **iron supplementation** on me- 064815
Methionine supplementation of soy milk to 063758
Effect of **methionine supplementation** of pro- 064904
Feeding of **mineral supplements** to pregnant 064787
of protein-vitamin-**mineral supplement** in sw- 064838
California **supplements national** program. [062914
Role of **nitrogen supplements** in improving 068028
milk, & marine **protein supplements.** 063127
safflower meal as a **protein supplement** for 064645
soybean meal as only **protein supplement** for 064653
Corn **silage supplement,** good growing ration 064833
trade of cooperatives; **statistical supplement** 062777
Urea supplements in cattle feed ration. 064895
supplementation of **wheat**-shorts with prote- 063229
nitrogen] **supplements** for **yearling** heifers. 064853

SUPPRESSION
Suppression of **elm** phleom necrosis sympt- 069878
analysis of **informational suppressors.** 067149
Suppression of **slums.** [Rural housing]. 062201
Suppression of **symptoms** of apple leaf puck- 069616
in soil that **suppresses** take-all of **wheat** in 069479

SURFACE
conditions on size of **absorbent surface** of ro- 068192
Characterisation of **surface** of **bovine** milk fat 064322
differentiation of its **surface cells.** 067041
alkaline & acid regions at **surface** of **Chara** 067646
compilation of surface & **subsurface drain** fl- 072422
Leaf **surface factors.** [Herbicides, application 070019
systems of irrigation by **surface flooding** in 072412
Disinfection of **surfaces** in **food** hygiene. 063353
activity of gray podzolized **surface-gleized** s- 072322
in morphological details of **haris surface** [Li- 064310
on construction of **subsurface irrigation** pipe- 071450
grape root stocks in relation to **leaf surface** 068405
E. Henn. in infection drops on **leaf surfaces** 069414
Leaf surface factors. [Herbicides, application 070019
Harris): pentane extract of **surface lipids.** 070807
prediction for black locust on **surface-mined** 066316
Modern surface treatment of particle boards 066436
Sterilization of **surface** of **mosquito** larvae in 070961
on horizontal leaf-shaped **plane surface** und- 067625
convection from a leaf-shaped **plane surface** 067626
biological activity of gray **podzolized surface** 072322
Surface quality of treated particle boards & 066437
of soils in relation to their **relative surface** 071919
of mulch & cover crops on **surface run-off** & 072253
Scratching surface; a yes for no-tillage. [Wh- 072296
Comparative study between **surface** & **slope** 063302
tilth & heterogeneity of **soil surface** on radic- 068630
of sugar beet roots relative to **surface** of **soil** 068869
tilth & heterogeneity of **soil surface** on radic- 071745
of precipitation formed near to **soil surface.** 072396
soil surface on radicle-entry of **surface-sown** 068630
of specific resistance, **specific surface** & spec- 066534
data compilation of **surface** & **subsurface** dra- 072422
Surface treatment of wood products with fin- 066432
Modern **surface treatment** of particle boards 066436

SURFACTANT
with **octylphenoxyethanol surfactants** by so- 067923

SURGERY
to left of abomasum: **Surgical consequences** 065241
duct drainage & other **minor surgical** proce- 065218
Some **surgical procedures** for prevention of 065255
Surgical treatment of sucking in cows. [Vices 065289
a practical aid in **veterinary surgery.** 065240
preparation used in **veterinary surgery** & ob- 065331
as predecessors of **veterinary surgeons.** 065357

SURPLUS
Corporation, price support, **export** & **surplus** 063013

SURVEYING
of small mobile stations for **surveying sites** f- 066396

SURVIAL
"Survival" of mitochondria in vitro: physical 068450
pathogenicity, & **survival** of **Ascochyta** rabiei 069429
Survival of **bluecomb** agent in embryonating 065390
enhancement ratio & shape of **survival curve** 067622
Studies on **survival** of **Fusarium** oxysporum f 069368
of soil temperature on **survival** of **Fusarium** 069537
of seedling grade on **survival** & **growth** of lo- 068598
of eggs: effects on **hatching, survival,** & fecu- 070571
Survival on **herbage** plots of infective larvae 065528
benomyl application to **increase survival** & 063934
antimacrophage sera on **survival** of **mice** inf- 065513
estimates of **overwintering survival** of Quee- 071006
Germination periodicity, **plant survival** & se- 067462
Pelophila borealis Payk. I. **Survival rates** & 070985
Survival of **Salmonella** typhimurium in ani- 065380
Early mortality & **survival** of **self**-sown seedl- 067645
Yield of all-planted **spinach surviving** low t- 069046
over-consumption--is our **survival** at **stake?** 072552
Survival of **trees** under natural thinning in p- 068566
from Vicia faba on in **vitro survival** of Ehrli- 068137
A study on **survival** of **wild** oats (Avena fatua 067463

SUSCEPTIBILITY
Susceptibility of **Avena** [fatua] species & va- 070129
Susceptibility of **Bos** indicus & Bos taurus c- 065714
incognita acrita on **susceptibility** of **cotton** p- 069475
in cherries. VI. **Cracking susceptibility** in re- 069748
Differential susceptibility of grapefruit on v- 069513
I. Changes of **susceptibility induced** by nutr- 069396
maydis on a **susceptible male**-sterile corn h- 069516
cell death & Diplodia **maydis susceptibility** 069517
Leaf age & air **pollutant susceptibility:** upta- 069781
Relative susceptibility of some important pea 070454
hog cholera infection in **susceptible sows.** 065387
insecticide-resistant & **Susceptible strains** of 070603
Reaction of resistant & **susceptible sugar** be- 069684
mixed populations of **susceptible** & **tolerant** 069484
Susceptible types of animals & certain clini- 065674
in relation to **varietal susceptibility** to shea- 070350
leaf senescence on **virus susceptibility** in to- 069671
Susceptibility of **world** assortement of sainfo- 069573

SUSPENSION
embryo cells preincubated in **suspension.** 064364
desorption equilibria in **aqueous suspensions** 070232
coumarate: CoA ligase from **cell suspension** 067912
potential change in **chloroplast suspension** 068330
Growth & nutrition of a **suspension culture** 067649
L. Cells in **suspension culture.** 068546
of plow body on an elastic **depth suspension** 071692
cereal supplement given in **liquid suspension** 064617
Use of **mycelial suspension** for increasing P- 069505
macrostructure from **suspensions** & **paste** of 072195
Suspended sediment discharge in western w- 072421
soil paste & 1:2 soil **water suspension.** 071798

SUTURE
as an absorbable synthetic **suture material.** 065322

SWAMP
Mobile molybdenum in **Belorussian swamp** 071942
On draining **forest swamps** of Lake Baikal r- 072433

SWARD
ecological changes in **sward composition** fol- 070078
maleic hydrazide & 2,4-D for **sward control** 070076
in improvement of **grass swards,** type Narde- 068871
Results in improvement of **grass swards,** type 068872
Results in improvement of **grass swards,** type 072228
yields of neglected mid-forest **grass swards** 068873
Mineral content of **pasture swards** in Biesz- 068135

SWEET
Backyard sweet corn. 069106
Tendervee **sweet corn.** [Hybrids]. 068635
High quality **sweet corn** inbreds released in 068636
Definition of **sweet cream** butter. 063498
of pre-harvest fruit drop in **sweet orange.** [A- 069362
A new fruit rot disease of **sweet orange** caus- 069374
on shape & size of **sweet pepper** (Capsicum 068241
of feathery mottle complex of **sweet potato** 069703
some twenty-six varieties of **sweet potatoes** 063267
Alpha-amylase in **sweet potatoes.** A compari- 063962
some twenty-six varieties of **sweet potatoes** 068426
on effects of selection within **sweet sorghum** 067062
apple, peach, pear, prune, & **sweet** & **sour** c- 072010

SWEETPOTATOES
incognita-infected **sweetpotato bedding** roots 069882
control of weeds in **sweetpotato, ipomoea** ba- 070215
acid biosynthesis in **sweetpotato root** tissue 068455

SWELLING
Experiments **concerning swelling** of potato s- 064013
additives on property of **swelling food** starc- 063439
metal cations on **swelling** & **gelatinization** b- 063814
Canker of dwarf **mistletoe swellings** on west- 069273
Swelling & **shrinkage** of wood under mechan- 066467
measurement of **swelling** & **shrinkage** with a 071776

SWINE
results in production control. **[Pork].** 063630
Connective tissue metabolism in **swine.** . IV. 064372
Hormonal influence on fat deposition. **[Swi-e]** 064480
rations on digestive processes in **swine.** 064493
in absorption of phytin phosphorus in **swine** 064564
of non-replaceable amino acids in **swine.** 064574
to feed used for beef cattle & **swine.** 064770
weight & better feed utilization by **swine.** 064797
Comparative fattening of **gilts** with 62.5 per- 064909
of embryos between sides in **swine.** 064961
of weaning method on fertility of **sow.** 064976
Breeding of **swine:** heterotic hybrids. 065086
metabolism in semen of bulls, rams, & **boars** 065090
with economically useful traits in **swine.** [L- 065105
on reproduction performance of **sows.** 065118
Performance testing of **boars.** 065199
in relation to housing cattle & **swine.** 065242
against foot-and-mouth disease in **swine.** 065377
prevention of epidemic pneumonia in **swine.** 065403
polymorphonuclear leukocytes from **swine.** 065440
to transmissible gastroenteritis of **swine** (Y- 065444
findings of stephanuriasis in **swine.** II. Path- 065578
Gastro-intestinal helminthiasis in **swine.** 065636
on Strongyloides infection of **swine.** 065655
Escherichia coli organisms in **swine.** 065706
controlling foot-and-mouth disease in **swine** 065828
Isolation of enteroviruses from **swine.** 065830
experimental Ascarops infestation of **swine** 065833
Vitamin H deficiency in feeds. **[Swine].** 065925
cases of ovarian tumors in cows & **sows.** 065940
Ergotism in **swine.** [Claviceps purpurea]. 066071
in relation to housing cattle & **swine.** 071436
below grate without any run-off. **[Swine].** 071508
in embryonic liver of various breeds of **swine** 064507
like reproduction technologies. **[Swine].** 065129
Study on associated vaccines **against hog** ch- 065734
TVM--1-vaccine **against hog** cholera. 065824
Immunization of pigs **against swine** pox with 065878
Salmonella infection of **swine** & **antibiotic** r- 065443
of salmonellosis in **swine** by **antibiotic** resis- 065847
treatment. [Cattle, horses, **swine, antibiotics** 065573
of animals. [Cattle, horses, **swine, bacterial** 065269
Fly control on livestock: dairy, **beef, swine,** 070592
Fly control on livestock: dairy, **beef, swine,** 070593
Amino acid composition of **swine blood** in re- 064534
Productivity of **sows** & **boars** relative to age. 065103
Constitutional weakness of **swine bones.** 065948
slaughter qualities of mixed **breed swine.** [L- 065100
Feed costs for young **breeding sows.** 062558
in feeding & care of **breeding sows.** 064763
on feeding of **breeding boars** used for artific- 064862
Current views on **swine breeding.** 065045
thoughts concerning modern **swine breeding** 065047
Swine breeding in Szczecin province. 065066
Productive quality of **swine** on **breeding** far- 065099
White, Mirgorod & Landrace **swine breeds.** 064506
Effects of heat stress in **brood sows.** 064993
animals. [Cattle, **buffaloes, swine].** 065057
chelated ficocolloids to control **calssic hog** c- 065630
fed zinc bacitracin. [Chickens, **swine, calves]** 063179
in different infections of **swine, calves** & pig- 065686
Canned pork & soybeans: a nutritious & tas- 063366
antibodies in animals. [Dogs, **cats, swine,** ca- 065890
Growth & meat formation. **[Cattle, swine].** 064387
composition of live animals. **[Cattle, swine]** 064518
closing of protein deficiency. **[Cattle, swine]** 064779
economical protein source. **[Cattle, swine].** 064780
weight gain in farm animals. **[Cattle, swine,** 065282
in animals. [Dogs, cats, **swine, cattle].** 065890
animals fed zinc bacitracin. **[Chickens, swine,** 063179
in farm animals. [Cattle, **swine, chickens].** 065282
Transplacental **hog cholera** infection in susc- 065387
ficocolloids to control calssic **hog cholera.** 065630
vaccines against hog **cholera, swine** erysipel- 065734
studies on a mixed infection of **hog cholera** 065735
TVM--1-vaccine against **hog cholera.** 065824
battleground. [Escherichia **coli, swine,** dysen- 065592
Behavior of wild **swine compared** to behavior 064519
relating to muscle & **pork conditions,** with 063632
breeds of **swine** & their use n **crossbreeding.** 065191
compared to behavior of **domestic swine.** II 064519
Escherichia coli, **swine, dysentery].** 065592
It pays to **sow early.** [sugar beets]. 068627
Raising of **swine** & **ecology:** purification of l- 072592
against hog cholera, **swine erysipelas** & Auj- 065734
Foetal **swine erythropoiesis.** 064465
check-up of assessment of **boars** of **Estonian** 064926
Swine excreta disposal & waste water purifi- 072492
Denmark's **pork exports** face market adjus- 062667
to pathogenesis of pale, soft, **exudative pork** 063632
aspects of pale, soft & **exudative pork.** 063672
to pathogenesis of pale, soft, **exudative pork** 065278
Management of a fattening **swine farm.** 062452
controls: where they hurt. **[Swine farms,** cos- 062477
of Salmonella isolated from **swine** on **farms** 065871
with prefabricated elements in **swine farms** 071425
controls: where they hurt. **[Swine farms,** cos- 072482
high fertility rates of first-**farrowing sows.** 065123
as feed additives in **swine fatteing** experime- 064611
What should be weight of a **fattened swine?** 062484
Management of a **fattening swine** farm. 062452
finishing weight in **swine fattening.** 064650
Brick & ceramic floors of **swine fattening** q- 071497
mineral supplement in **swine fattening.** 064838
fresh & concentrated) in **swine feeding.** 064834
biological cupplements. **[Swine, feeding].** 064835
in composition of log bones in **female swine** 064372

duration of pregnancy in **swine & fertility,** v- 065187
measures to control & treat **swine fever.** 065516
Action of **swine fever** live virus vaccine of " 065580
Inducing immunity to **swine fever** in pigs in- 065747
disease, mucosal disease & **swine feyer.** [Vir- 065723
Foetal swine erythropoiesis. 064465
Forecasting swine market situation. 062610
Specific pathogen **free swine.** 065541
Breaking down pectins. [**Swine, Fruit** juices 063899
University plans "**swine of future**". [Great 064135
grain & soybean meal for **growing swine.** 064732
of Yersinia enterocolitica. [**Swine, hares**]. 065892
of nucleic acids in organs of **healthy swine** 065831
treatment of animals. [Cattle, **horses, swine,** 065269
in field treatment. [Cattle, **horses, swine,** an- 065573
fibre thickness in **pork** from **Hungarian** Lar- 063602
of beef cattle & **swine husbandry** in Netherl- 064115
Effects of **swine husbandry** on incidence of 064354
in liveweight of **sows** at **impregnation** on the- 065194
Increasing swine production by utilizing out- 064172
problems related to **industrial pork** producti- 064214
prophylaxis of **industrial swine** raising in R- 065328
Animal hygiene in **industrialized swine**-raisi- 065273
Michigan **swine industry** now & in 1985. 062955
for raising performance of **boars intended** for 064863
Keeping sows for breeding in larger farms. 071426
Energy requirement of **sows** for **lactation.** 064698
Large White, Mirgorod & **Landrace swine** b- 064506
Large, White, Mirgorod, **Pietrain, Landracw** 065105
of group E streptococci in **swine leukocytes.** 065440
065442

Quality requirements for **live swine** in count- 063161
method & aging vs. palatability of **pork loin** 063627
Forecasting **swine market** situation. 062610
Michigan swine industry now & in 1985. 062955
as a function of age in **miniature swine.** 064373
in swine. [Large, White, **Mirgorod, Pietrain,** 065105
Critical thoughts concerning **modern swine** 065047
reactions of **swine** as well as **necessity** of a 065654
from immune & **nonimmune swine.** 065441
On metabolism in young **swine obtained** by 064505
of tetracycline in **swine** after **parenteral** ino- 065851
Cannibalism & **sow placenta.** 064470
insemination of a **gilt population** kept under 065125
Cyanide intoxication of **swine & poultry.** 066019
on livestock: dairy, beef, **swine, poultry,** hor- 070592
on livestock: dairy, beef, **swine, poultry,** hor- 070593
Immunization of pigs against **swine pox** with 065878
blood plasma urea of **pregnant sows** & their 064924
in estrogen production in **pregnant sow.** 064939
C" inoculation virus strain in **pregnant sows** 065580
feeding on effectiveness of **pork production.** 062602
Swine production & problems of emission. 064113
Intensification of **pork production** in Volga 064144
Increasing **swine production** by utilizing out- 064172
related to industrial **pork production** in nati- 064214
Growing stock size in **swine production:** Add- 064225
Mechanization of **swine production.** 071581
of pale, soft, exudative pork (**PSE pork**). 063632
collective farms specializing in **swine raising** 062449
Organization of production on **swine-raising** 062456
conditions & direction of **swine raising** in J- 062619
hygiene in industrialized **swine-raising.** 065273
prophylaxis of industrial **swine raising** in R- 065328
anti-epizootic measures on **swine-raising** fa- 065488
Systematization of large-scale **swine raising** 072490
Securing fertility rate of **sows** when **reducing** 065122
muscles in various breeds of **swine relative** to 064840
Productivity of sows & **boars relative** to age. 065103
of pregnancy of **sows** & their **reproductive** c- 065098
Swine research at U. S. Range Livestock E- 064809
Systematization of large-**scale swine** raising 072490
age, & ejaculation frequency on **boar semen** 064962
In U.S.A. 400 million tons of **swine semi-liq-** 072516
of protein fractions from **boar seminal** plas- 065030
Growth patterns of **swine skeletons** of vario- 064548
Cultural studies of **slaughter swine** with sus- 063178
to renewed interest in **slaughter swine.** 064793
Cultural studies of **slaughter swine** with sus- 065641
Swine specimen's for laboratory analysis. 065301
Biological qualities of **boar sperm** under diff- 065169
occurring in head of **boar spermatozoa:** vesi- 065024
dorsi muscle of pigs in **Pietrain & Spotted** 064466
Fattening performance in **swine stalls:** build- 071424
Results of **studying swine** with tuberculosis. 065815
hog cholera infection in **susceptible sows.** 065387
Mycotoxicosis of **swine** & a **therapeutic** met- 066062
peroxide generating system in **hog thyroid** 064321
Transplacental hog cholera infection in susc- 065387
force an open door? [**Swine, transportation**] 062751
measures to control & **treat swine** fever. 065516
requirements for lean meat **type swine.** 064822
forming of meatiness in **swine** of **various** bre- 064546
weight & linear growth of **swine** of **various** 065102
Swine vesicular disease. 065715
behaviour of **sows** after four **weeks** of lactat- 065124
methods of matching. [Large **White swine**]. 064505
White, Russian Long-eared **White swine**]. 064840
methods of matching. [Large **White swine**]. 065101
Behavior of **wild swine** compared to behavior 064519
On way to **wonder swine.** [Breeding]. 065046
On metabolism in **young swine** obtained by 064505
of premature puberty in **young sows.** 065133

SYMBIOSIS
factors of host plants on **symbiotic fixation** 067345
Symbiotic germination of some Australian t- 068414
structures between **symbionts** in **lichen** Lich- 067732
of infection forms of **a-symbiotes** in **Sten-**. 071099

SYMBOL
Specialized farm as **symbol** of **rural** progress 062436

SYMPATHECTOMY
Chemical sympathectomy of rabbit oviduct 064443

SYMPETRUM
egg laid by **Sympetrum pedemontanum** elat- 071050

SYMPHYTA
plants of species of **Symphytum asperum** L- 066636
fodder features of **Symphytum officinale.** 068853

SYNANTHROPIC
classfication of **synanthropic plants;** with ex- 066895

SYNCHRONIZATION
of uracil uptake by **synchronous Chlorella.** 067761
inseminations at **synchronized & control** est- 065014
transients in **synchronous cultures** of Chlore- 067444
Synchronous cultures of Chlamydomonas re- 067759
Oestrous **cycle synchronization** in Zebu catt- 065002
research on **synchronization** of **estrous** cycle 064934
Synchronization of **estrus** in heifers & cows 065181
its **synchronization** with **landscape** forming 066232
experience in **oestrus synchronization** & ins- 065125

SYNCHYTRIACEAE
in color. [**Synchytrium endobioticum**]. 069250

SYNDROME
Treatment of Cushing's **syndrome** in **dog** wi- 065907
Characterization of double **muscled syndro-e.** 065110
A case of **rusterholz syndrome** in a cow cau- 066074
PSS: porcine **stress syndrome.** 065252

SYNERGISM
Synergistic role of intestinal flagellates & n- 065539

SYNOVIA
of Betamethason on blood & **synovial fluid** 065968
Lymphatic network of **synovial membrane** of 064544
reference to role of **Mycoplasma synoviae.** 065667

SYNOVITIS
studies on etiology of **infectious synovitis** in 065667

SYNTHESIS
Synthesis of (3-3H2,3-14C-triacontanic acid, 068317
of precursor pools, ribonucleic **acid synthesis** 064426
in laying hens. II. Fatty **acid synthesis** & ox- 064907
Timing of nucleic **acid syntheses** & mitosis in 068061
Induction of doexyribonucleic **acid synthesis** 068456
of histones & their **synthesis** by **ammoniacal** 068360
Caffeine synthesis in fruits & tissue cultures 067776
Synthesis of **chaminic** acid. [Chamaecyparis 068548
concentration on **synthesis** of **dextran** sucra- 063809
insecticides. I. **Synthesis** of **diaryl** dichloro- 070706
DNA synthesis during development of adve- 066935
DNA synthesis in rye chromosomes. 068014
acid precursors on its **enzymatic synthesis** at 067986
Induction & repression of **enzyme synthesis** 067433
of experiments aimed at **synthesis** of **factors** 068876
activity. XV. **synthesis** of **geranylated** aroma- 070806
glutinis with an **increased synthesis** of carot- 067369
Effects of protein **synthesis inhibitors** on ox- 068266
of inhibitors of **macromolecular synthesis** on 065874
Synthesis of **magnesium**-protoporphyrin. IX. 068096
Synthesis of **milk** sugars. 064384
of endophyte & **synthesis** of **mycorrhizas** in 067733
Lignin. XVI. **Synthesis, nuclear** magnetic re- 066500
Influence of DMSO on **synthesis ot** tobacco 069730
Synthesis of **pCoumaroyl** coenzyme A with 067912
effect of X-rays on **synthesis** of **phenylalanin** 064035
Microbial **phosphilipid synthesis** as a marker 064299
Constitution & **synthesis** of some **plant** extr- 067675
research in mechanism of **synthesis** of **plant** 069727
Synthesis of **potential** organophosphorus ins- 070706
Synthesis of **presented** results of investigati- 067780
as a marker for microbial **protein synthesis** 064299
wheat embryo in vitro **protein synthesizing** 067910
changes in pattern of **protein synthesis** duri- 068110
Effects of **protein synthesis** inhibitors on ox- 068266
Protein synthesis in mitochondria from heal- 068282
in relation to ribosome & **protein synthesis.** 068390
Protein synthesis in mitochondria from heal- 069249
Ecdysone-stimulated **protein synthesis** in lig- 070892
In vivo turnover & **synthesis** of **proteins** fr- 064631
inVitro conditions. 2. **Synthesis** of **proteins** 064637
Proteins synthesized in tobacco leaves infec- 069717
oocytes: possible role of **RNA synthesis** in f- 070921
Synthesis & sterility of Raphanobrassica. 067134
Synthesis of **storage** proteins in endosperm 067841
in vitro protein **synthesizing system.** 067910

SYNTHETASES
properties of acetohydroxy **acid synthetase** 067632
Changes in glutamine **synthetase activity** du- 068347
Regulation of beta-glucan **synthetase activity** 068440
Regulation of beta-glucan **synthetase activity** 068441
Physiological role of **sucrose synthetase** in s- 068161

SYNTHETICS
polyglycolic acid as an **absorbable synthetic** 065322
of absorption & **synthetic activity** of winter 067994
Significance of **synthetic casings.** [Sausages] 063595
with ammonia water through **synthetic film.** 067870
in response to **synthetic glucocorticosteroid.** 064445
Influence of **synthetic growth** regulator alp- 067762
of natural & **synthetic hymatomelanic** acids 071714
On use of **synthetic industrial** products as s- 071992
of housefly to several **synthetic insecticides** 070600
domestica to some **synthetic insecticides** in 070601
ribonucleic acid in a semi-**synthetic larval** di- 070940
Natural & **synthetic materials** with insect h- 070806
Effects of **synthetic meat** components on gr- 063125
based on a reference **synthetic peptide.** [Mi- 063521
of enzyme on **synthetic substrates** & casein. 067659
Effect of **synthetic TRH** [Thyrotropin-releas- 064353

SYRINGA
Results in **evaluation Syringa** varieties. 069199
Cultivation of common lilac (**Syringa vulgar-s**) 069185

SYRPHIDAE
Syrphidae (Diptera) from Ormtjernkampen 071262
Syrphidae (Diptera) from Jaeren, Norway. 071266
discimanus Loew (**Diptera, Syrphidae**). 071269
Norwegian syrphid flies **Diptera, Syrphidae**) 071273

SYRUP
Rheological properties of **syrups containing** 063391
qualities of sirup & **sirup-crystal** mixtures by 063851
On content of amino acids in **date syrup** fr- 063988
Certain methods of **desalting syrups** designed 063790

SYSTEMATICS
SEE TAXONOMY

SYSTEMIC
Evidence of **systemic activity** of benomyl by 069252
pathological changes in **acute systemic** anap- 065243
of tomatoes with **systemic fungicides.** 069338
in selected crops. [**systemic fungicides**]. 069341
New **systemic fungicides** applied in plant pr- 069384
limits in use of **systemic fungicides** in arbori- 069546
Toxicity of **systemic insecticides.** Toxicologi- 066054
trunk applications of **systemic insecticides.** 070415
waterless spraying with **systemic insecticides** 070464
Systemic insecticides effective against poplar 070559
Toxicity of **systemic insecticides.** Toxicologi- 070644
Systemic action of D-1410, S-**methyl** 1-(dim- 069807

SYSTOLE
in durations of phases of **ventricular systole** 064276

TABANIDAE
distribution of gad flies (**Diptera, Tabanidae** 071366

TABANUS
analysis of dispersal in a horse-**fly, Tabanus** 071007

TABERNAEMONTANA
vegetative phase of **Tabernaemontana crassa** 066925
of article of **Tabernaemontana crassa** Benth. 067484

TACHINIDAE
fall emergence of Bessa harveyi (**Tachinidae:** 070790
north of Mexico (**Diptera, Tachinidae**). 071135

TACHYSPHEX
Hymenoptera). [**Tachysphex nitidus,** Tachy- 071303

TAENIA
of Cysticercus bovis (**Taenia saginata**) infect- 065738

TAENIORHYNCHUS
SEE AEDES

TAGGING
Back tags to identify cattle & properties. 064192

TAIGA
Pinus sibirica Rupr. in middle **taiga** in **Komi** 066360

TAIL
Gangrene of **tail** in **cattle.** 065479

TANGELOS
visits increase yields of "Orlando" **Tangelo** 068362

TANKS
Manure & slurry storage. [**Tanks, costs**]. 062480
Keep clean water out of **slurry tanks.** [Man- 071974
Tank trucks for milk transportation. 071638

TANNING
for their utilization in **tanning industry.** 068473

TANNINS
Colorimetry of polyphenols **(tannins)** with f- 063315
Tannins in **cork** bark. 066522
Tannins of **pericarp** of pomegranate fruits & 068473

TANYMECUS
area of species **Tanymecus dilaticollis** Gyll. 070257
Triticum aestivum L.). [**Tanymecus indicus,** 069346

TANYPODINAE
Diptera: Chironomidae: **Tanypodinae).** 071110

TAPE
systems for estimation of **tree taper** & volu- 066193

TAPEWORM
Prophylaxis **against tapeworms** in sheep. 065776
against intestinal **tapeworm infestation.** 065683
of Phenasal in cases of **sheep tapeworms.** 065777
Roundworms & **tapeworms** in **Stockholm** ca- 065649

TAPHRINA
leaf curl caused by **Taphrina deformans** in 069526
of southern Oltenia. [**Taphrina deformans,** 069561

TAPPING
of Malaya] Ethrel trials. [**Hevea, tapping** St- 062555
on raw rubber properties. [**Hevea, tapping**]. 063419
trials: progress report. [**Hevea, tapping,** sti- 069214
trials: preliminary findings. [**Hevea, tapping** 069215
trials: preliminary results. [**Hevea, tapping,** 069216
on raw rubber properties. [**Hevea, tapping**]. 069221
preliminary results. [**Hevea, tapping,** Stimu- 069222
some promising stimulants. [**Hevea, tapping** 069223
with Ethrel yield stimulant. [**Hevea, tapping**] 069224
Shelterwood cutting in **tapped pine** forests. 066342
Wireworms--enemy to sugarbeet **tap roots** & 070391

TAR
Hydrocracking of **lignin tar** & lignin model 066517

TARAXACUM
SEE COMPOSITAE

TARGET
of instable evaluations of **target function** var- 062270

TARIFF
for standing sales using **tariff tables.** 066227
Prices of medicine & **tariff** for **veterinarians** 065306

TARO
Storage losses of **taro corms** in British Sol- 069242
tenuissima] leaf spot of **taro** from **India.** 069375

TARSONEMIDAE
of strawberry mite **(Tarsonemus fragariae** Z- 070459

TARTRATE
Anthelmintic activity of **morantel tartrate** in 065384
Anthelmintic efficacy of **morantel tartrate** in 065385

TASTE
erythorbate & citric acid on **color, taste** & p- 063658
Difference taste thresholds for sodium chlor- 063250
Koch & host plants. II. **Gustatory effect** of 070279
method & aging vs. **palatability** of **pork** loin 063627

TAXATION
Pros & cons of land use **taxation.** [Forest la- 066264
More information on **tax liability** in agricul- 062540
sales ratio studies. [**Property taxation**]. 062268
Tax reform for agricultural incomes. 062552
Tax regime after cash earnings. [Agriculture 062534

TAXONOMY
On Nepeta L. of Caucasus. [**Taxonomy**]. 066690
on Periconia byssoides. [**Taxonomy**]. 066756
oedogonii (Geitler) Fott. [**Taxonomy**]. 066765
A taxonomic account of Erpodiaceae. 066760
Remarks on **taxonomy** of some **algae** from 066717
Annual meadow-grass. [Poa **annua, taxonomy**] 066807
Systematics of **bacteria** important for hygie- 063142
Part vi, No. 1. **Taxonomy** & **classification** of 071146
ecosystem. II. **taxonomic composition** & ph- 070768
Fundamentals **concerning taxonomy** of plant 066913
Corresponding taxa & their ecological backg- 066708
Corresponding taxa in North America, Japan 066710
weberbaueri. [**Taxonomy, culture**]. 069121
Problems of **taxonomy** & **ecology** of gall mi- 071122
Leguminosae). [**Evolution, taxonomy**]. 066633
Botany & **Experimental Taxonomy** in 1971 066581
Taxonomic & **faunistic** comments on dectici- 071111
Notes on **taxonomy** of **genera** of tribe Soph- 066744
Contribution to **taxonomy** of **genus** Aconitum 066635
Taxonomy & **geography** of potato species. 066681
Taxonomic mutations induced in Triticum a- 067192
Records & **taxonomic notes** on plant disease 066647
Taxonomic notes on aphids from Nepal & I- 071150
Taxonomic notes on some parasites of oak 071230
Meigen, 1818). 4. **Systematics** of **Onchocerca** 065527
Taxonomic patterns in triglyceride structure 063341
to **taxonomical, phytopathological** & physio- 066797
Current system of fungi. [**Plant taxonomy**]. 066821
Taxonomic position of Obesumbacterium pr- 063394
A review of synonyms & **taxonomic positions** 066761
A **taxonomic revision** of genus Dasylepis Ol- 066637
of morphology & **taxonomy** of **Scolytoidea.** 071211
gen.n., sp.n. & **taxonomy** of some **species** of 071124
Taxonomic studies on Apanteles Foerster (071296
Ecological & **taxonomic survey** of protococc- 066746
On comparing shapes of **taxonomic trees.** 066809
On **taxonomy** of **Trichocladium** Harz genus 066729
Taxonomic value of antennal characteritics 071364

TAXUS
tribe Taxeae, genera **Taxus, Torreya;** tribe 069133

TEA
By-products of **tea.** 063321
biosynthesis of catechins & flavonols in **tea.** 067840
water use. [Coffee, **tea, beans**]. 067745
Fluoride in **black tea.** 063320
volatile compounds in Viet Nam **black tea.** 063417
Theaflavins of **black tea.** 063446
Vegetative propagation of **tea crops** & clone 064555
Prospects for **tea culture** in foothills of Ady- 069228
production trends in India's **tea industry.** 063020
surface run-off & soil erosion on **tea lands** d- 072253
tyrosine tydroxylation in **tea leaves.** 063339
Tea market of United States. 062730
Metabolism of methylamine in **tea plant** (T- 067441
Uptake of benomyl by **tea plant** & its effect- 069291
Investigation of wild **tea plants** in Nantou, 066810
Tea scale control with trunk applications of 070415
Products from **tea seeds.** I. Extraction & pr- 063322

TEACHING
your summer program? [**Agriculture teachers,** 062143
examinations in **teaching** of **anatomy.** 065356
Auto-tutorial teaching useful in horticulture 062213
Programmed Logic for **Automatic Teaching** 064995
Meat Science Distinguished **Teaching Award** 063648
Teach combine operation in field. 071512
Friesian bulls from **Teaching** & **Experiment** 065131
Teachers respond to educationally disadvant- 062150
An AG [agricultural] **teacher's view:** effectiv- 062141

TEAK
wood density in some 36-year-old **teak trees** 066338

TECHNICIANS
Animal technicians & veterinary medicine. 065230
of communal animal **husbandry technicians.** 064187

TECHNIQUES
Technique of "mechanical cold-cryogenic co- 063941
in EEC. 1. **Agricultural techniques.** 068628
Basis for differentiated **agronomic techniques** 068715
Agronomic techniques for red clover grown 068763
antigen fluorescent **antibody technique** for d- 065391
Technique & **applications** of lymphography. 065244
Methods & **techniques** of **appreciation** of qu- 063026
Techniques for **assessment** of Avena spp. in f- 070045
A **technique** for **bioassay** of insecticide depos- 070662
carbon dioxide] **canopy techniques** for meas- 068125
Collection techniques for GLC [Gas liquid c- 063464
A new **coproscopic technique** to diagnostic 065562
Soybean **culture techniques** in northeastern 068616
evaluation of various **diagnostic techniques.** 065880
Results of **differing techniques** in application 069972
analyzed by an indicator-**dilution technique** 064254
immunoperoxidase **techniques employing** ant- 064352
Break-**even technique** as an aid in cotton en- 062344
of mistakes in **feeding techniques** & damages 064669
XIV. Description of two **field techniques** for 065619
Technique of **growing** new oats varieties. 068788
neurons with **immunoperoxidase techniques** 064352
in cattle by **technique** of **infections** with cop- 065945
A root **inoculation technique** to screen pota- 069580
Technique of **irrigation** installations. 070797
Negotiation **techniques, leadership** style & 063182
A **technique** for **liver** biopsy in sheep. 065257
Studies on sterile-**male technique** as a means 070268
maintenance & **managing techniques** for pas- 068620
culture. 1. New **techniques** in **mandarin** ora- 068979
under conditions of **modernized technique** of 069851
Negotiation techniques, leadership style & 063182
Experiences with **pneumatic technique** of s- 071566
Precipitation techniques for species different- 065464
limits of **production technique** of economic 062391
Production techniques on garden plants. 8. 068919
on some factors of **production technique.** 070133
"Queen technique" in control of social insec- 070569
spin resonance] trapped **radical technique.** 063826
rearing of rabbits; **Techniques** of **rearing.** 064128
Theory & **technique** on **rice** seedling growing 068614
Work protection & **safety techniques** in desi- 071470
Simulation technique used in evaluation of 063534
Sporulation techniques for bacteria of genus 071903
On **technique** of **statistical** processing of ex- 071922
A **technique** for **study** of "fouling" by grazing 064117
agriculture. Application of **tracer techniques** 062179
A comparison of two **ultransonic techniques** 064120
trends in waste **water techniques.** 072577
Development of **technique** for **weighing** fruits 063917
Techniques on **widening** area distribution & 062621

TECHNOLOGY
requirements for transfer of **technology.** 062257
Acquisition of **agricultural technology:** its de- 062256
Some **agricultural-technologic** recommendat- 064057
Technological aspects of a uniform analysis 064220
of traditional & **centrifuge technology** of cot- 063275
Technological change & educational imperat- 063642
Agrobiological & **chemico-technological** stud- 068816
Application of wood **chips technology** in ind- 066468
results from studies **concerning technology** of 069194
Recent progress in weed **control technology** 069934
Structures & **developing technology** of tract- 071551
measurements for **technological evaluation** of 063804
of lipids--its influence on **technology** & **final** 063457
role expanding. [**Food technology**]. 063348
report of Institute for **Food Technology** at 063405
of Association of **Food Technologists.** 063432
linkages of new **foodgrain technologies.** [Ind- 062274
of Agricultural **Foodstuffs Technology** of Ag- 063427
Post-**harvest technology** of foodcropsproble- 062654
from point of view of **heat technology** & ope- 071509
Improving technology of culture of several f- 070204
Topic problems of **technology** of **industrial** c- 064240
Industrial technology of beef production. [C- 064776
Jute technological research laboratories. 063369
Problems between **technology** & **legislation** 063094
Social impacts of new **technology** in **meat** i- 063601
cidermaking: **technology, microbiology** & bi- 063931
important for hygiene & **technology** of **milk** 063142
Technology on **milk** & dairy products. 11. 063481
Technology on **milk** & dairy products. 15. 063482
important for hygiene & **technology** of **milk** 063540
Modern technology of milking. [Dairy cattle 071490
meals in relation to **packing technology** & p- 063404
Intensification of **technological processes** of 064028
Study of **technological properties** of soft wh- 063739
between traits of **technological properties** of 067224
on biochemical & **technological properties** of 068029
Some aspects of **technology** & **prophylaxis** of 065328
Prospective technology & machine complex 072271
New **technology** for **rapeseed** cakes. [Feed]. 064088
agricultural-**technologic recommendations** for 064057
in industry-like **reproduction technologies** in 065128
of industry-like **reproduction technologies.** [065129
Jute **technological research** laboratories. 063369
Cellulases. 1. **Sources, technology.** [Biodegr- 063425
chemico-**technological studies** on certain Yu- 068816
Technological support--requirement for indu- 071438
Traditional technology of sorghum in Came- 063225
of improvement of **technological value** of ap- 064001
compacting on yield & **technological value** of 068827
Study of **various technologies** for harvesting 071678
Technology of **vegetable** sprinkling. 071553
J. Stamm 75 years old. [**Wood technology**]. 066461
potassium on **yields** & some **technological** p- 072230

TECTONA
SEE VERBENACEAE

TECTONIC
as an indicator of new **tectonic movement.** 066874

TELENOMUS
SEE SCELIONIDAE

TELEVISION
Satellite **television cloud** photography as a 069308
A television-scanned, digital planimeter & d- 063294

TELIOSPORES
of germination of **Tilletia teliospores.** 069502

TEMPERATE
Connections between **cool temperate** floras, 066692
background in forests of **temperate Eurasia** 066708
of white root rot disease of **temperate fruits** 069367

TEMPERATURE
density of worts & beers on **temperature.** 063313
anserina strains at low **temperatures.** 065697
carbon disulphide ratio & **temperature.** [Wo- 066521
affects ability to withstand low **temperature:** 068596
planted spinach surviving low **temperatures** 069046
sawtoothed grain beetle to low **temperatures** 070586
of leaf litter at low **temperatures.** [Soils]. 071760
of fowl plague virus at low **temperatures.** I I 065475
a comparison of elevated **temperature aging** 063663
Air temperature, heat sums, & pollen shedd- 068532
pigs growing at a high **ambient temperature** 064287
Effects of **ambient temperature** on warm-up 070907
Effect of **temperature** on **bulb** & tuber form- 068400
sugar beet leaves on **temperature** & **carbon** 067982
Temperature control of time intervals betwe- 067969
Critical temperatures for flower buds. [Appl- 068350

Effect of **temperature & day**-length on grow- 068415
of wood. III. **Temperature dependence** of st- 066489
Temperature dependence of enzymatic activi- 067859
Effect of **temperature** on **development** of gr- 068235
Influence of **temperature** on **development** of 068368
Effect of **temperature** on **development** of Th- 070475
Effect of **temperature** on **development** of mo- 070965
Effect of **temperature** on **development** of Th- 070979
effect of **different temperatures** in soakes Cr- 067160
by steaming of soil at **different temperatures** 069930
plane surface with **temperature-distribution.** 067626
Metabolism changes with **temperature drop** 067987
Insolation & **temperature effects** on maize g- 067959
Temperature effects on hypocotyl elongation 067968
Temperature effects on symptom expression 069881
Temperature effects on mercury accumulati- 070682
a comparison of **elevated temperature** aging 063663
Effects of **environmental temperature** & diet- 064343
*** 064345
oranges in relation to **temperature, ethylene** 063877
Light intensity & **temperatures** as **factors** c- 069732
season in Thailand. [**Fertilizers, temperature**] 069774
siro reared at three **temperatures following** 070582
bovine myoglobins at **freezing temperatures** 063625
Effect of **temperature** on **frost** hardiness of 068552
Temperature, fruit set, & embryo sac develo- 068247
Temperature function integration & its impo- 063351
Residual effects of **germination temperature** 067971
movement under **temperature gradients.** 071758
of germination & **growing temperature** on fl- 068240
Effect of **temperature** during **growth** & flow- 067564
of light & **temperature** during **growth** & har- 068049
factors on changes of **temperature** & **habitat** 071002
Effect of **temperature** on **hardiness** changes 068549
Air **temperature, heat** sums, & pollen shedd- 068532
High temperature induced changes in germi- 067914
seed germination at **high temperatures** by e- 068252
of anoxia & **increased temperatures.** 067045
High **temperature induced** changes in germi- 067914
Pat. I. **Temperature** on **infection.** 069294
Low **temperature injury** to peach flower buds 069793
IV. Influence of **temperatures** on **level** of ro- 069832
Effect of **temperature** & **light** on seed germi- 067728
Effect of variable **temperature-light** conditio- 068072
chambers as related to **temperature** & **light** 067483
Effects of fruit **load, temperature,** & relative 067957
Studies on effect of **lowered temperature** du- 064406
of growth by **lowered temperatures.** 067984
in tree sap & to **minimum temperatures.** 068251
Temperature, moisture & wind-speed in dry- 063973
inhibitors & **temperature** on **mutagenic** activ- 063714
Effect of **night temperature** on shape & size 068241
influenced by photoand **nycto-temperatures** 068242
Effect of **temperature, pH** & ethanol additi- 063430
Effects of **temperature** on **phosphate** sorption 071766
Influence of **temperature & photoperiod** on f- 067967
Effect of **temperature** on **pollen** viability of 068476
Effect of **temperature** on **process** of hyperse- 069464
Some problems in **UHT processing.** [Dairy 063497
A simplified soil **temperature regulation** sys- 071789
rye grass affected by **temperature & relative** 068207
II. Light & **temperature requirements,** tran- 068942
regulation of **temperature requirements** in c- 070756
Plant bananas where **temperature** is **right.** 068983
during storage at **room temperature.** 063654
Influence of high **root temperature** on potas- 068375
form effect of low **shock temperatures** & po- 067170
Effects of **soil temperature** on early growth 067934
Soil temperature & moisture conditions in r- 068301
Effect of **soil temperature** on survival of Fus- 069537
Effects of **soil temperature** on early growth 071751
Soil temperature & moisture conditions in r- 071759
A simplified **soil temperature** regulation sys- 071789
Storage temperature of deep frozen foods. 063361
Influence of time & **temperature** of **storage** 065569
effects of variety, **storage temperature,** year 069080
Effect of low **temperatures** on **structure** of c- 067985
evaluation of effect of **temperature** on **sugar** 068475
Influence of **temperature & time** on nutrients 064649
compounds. I. Effects of **temperature, time** 070231
acid under low **temperatures** in **trials** carried 065375
of gamma-BHC at **tropical temperature.** [Ri- 070373
Effect of **variable temperature**-light conditio- 068072
Influence of **temperature variations** on stori- 070254
Effect of **temperature** on **vegetative** growth 067548
study. III. Effects of **temperature, vitamin** r- 067640
effects of variety, storage **temperature, year** 069080
dioxide] enrichment & **temperature** on **yield** 068420
summer wheat at low **temperatures** in **zone** 068006

TENANTS
Tenant right: farmer against landlord in Vic- 062232
Landlord & **tenant shares,** 1971. [Statistics] 062798

TENDERNESS
state upon factors **affecting tenderness** of bo- 063622
Improving **beef tenderness:** a comparison of 063663
maturity indicators on **beef tenderness.** 063664
determination of **tenderness** of **meat.** 063637
organoleptic & **tenderness properties** of porc- 063639

TENDON
of synovial membrane of **tendon sheath** of d- 064544

TENEBRIONIDAE
to literature on **tenebrionids** of **Afghanistan** 071183
of Coleoptera **Tenebrionidae belonging** to R- 071322

TENSILE
Tensile strength of lumber laminated from 066548
Fiber bonding & **tensile stress**-strain propert- 066551

TENSIOMETERS
with a pressure **transducer tensiometer.** 071808

TENUAZONIC
Microbial production of **tenuazonic acid** ana- 067416

TENUIS
SEE MOLLUSKS

TEPA
Persistence of thiotepa & **tepa** in **pupae** & a- 070657

TEPHRITIDAE
fruit fly, Dacus oleae (Diptera: :**tephritidae**) 070432
in Dacus oleae Gmel. (**Diptera, Tephritidae**) 071075
heraclei L. Diptera: **Trypetidae** & **time** of t- 070845

TERATOGENESIS
Teratogenic compounds of Veratrum californ- 066044
Teratogenic effects of 5-bromodeoxyuridine 071045

TERATOLOGY
Contribution to **teratology** & **fusion** problems 066953
Viral teratology. [Animals]. 065421

TERBACIL
Use of **terbacil, atrazine** & other herbicides 069980
with pronamide & **terbacil** for **control** of Ag- 070086
Experiments on use of **terbacil** on **nursery** s- 069977
Favourite to **phenmedipham, terbacil** & pro- 070081

TERMINAL
reinvestigation of N-**terminal amino** acid se- 064366

TERMINOLOGY
SEE NOMENCLATURE

TERMITE
experimental genetics in **termites** (Isoptera) 071020
frontal gland secretion in **termites** of **genus** 070759
Termites of **Turkey.** 071167

TERMITIDAE
macrocephalus (Isoptera: **Termitidae**). 071096
bellicosus Smeathson **(Isoptera-Termitidae)** 071019

TERPENES
On **terpenes.** CCXXI. structure of alatolide, 067542
*** 067544
Naturally occuring **terpene derivatives.** XXII 067487

TERRACE
Calculations for **terraces.** [Silviculture]. 066348
Terraces as **element** of meliorative condition 071451
with recultivation of **terrace land** of open-cut 071983
different age in River Khopra **sand terraces** 071842

TERRAIN
biogeocenologic study of sandy-**desert terrain.** 066873
Hydrochemical features of **terrain** of **Ishim** 072434

TERRESTRIAL
germination of some **Australian terrestrial** o- 068414
related compounds on **Lumbricus terrestris** 070718
Steroid sapogenins of **Tribulus terrestris.** 067527

TERRITORY
in certain natural **territorial complexes** in 066872
winter wheat grain in **Drasnodar Territory.** 068701
during droughts in **European territory** of U- 066112
of wheat grain in **Krasnodar Territory.** 068706
Diptera, Tabanidae) in **Maritime Territory.** 071366
on Devon Island, **Northwest Territories.** 067481
protection in French **speaking territories** of 069803
in potato culture in **Stavropol Territory.** 068402
from Old Crow River, **Yukon Territory.** 066653

TERTIARY
Tertiary Charophyta from Bulgaria. 066669
of flow rates & patterns in **tertiary waste**-w- 072606

TESTES
cadmium on hypophyseal-**testicular function.** 064298

TESTOSTERONE
Influence of **testosterone** & **estradiole** upon 064272

TETANUS
An outbreak of **tetanus**-like **disease** in cattle 065413

TETANY
Grass tetany is serious problem with cattle 065921
nitrate-nitrite intoxications & **grass tetany.** 066045
Kypomagnesemia & **hypomagnesemic tetany** 065970

TETRACYCLINE
symptoms with **tetracycline antibiotics.** [Ul- 069878
to antibiotics of **tetracycline group.** 065809
Effect of **tetracycline-HCL** [hydrogen chlori- 064256
residual amounts of **tetracycline** in **swine** af- 065851

TETRAD
of pollen in **tetrads** of **Angiospermae** based 066931
Arrangement in **tetrads** of **spores** of Pteridо- 066950

TETRAGONA
hormones on raillietina **tetragona infection.** 065893

TETRANYCHIDAE
tanajoa (Bondar) (Acarina: **Tetranychidae)** 070378
Panonychus ulmi (Acarina: **Tetranychidae**), 070423
Mite pests of apple orchards. [**Tetranychidae**] 070489
Andre nAcarina: **Tetranychidae)** & one of its 070851
urticae (koch) (**Acari, Tetranychidae**). I. De- 070301
urticae **(Acariformes, Tetranychidae)** to gale- 070303
mites. [Eichhornia **crassipes, Tetranychidae**] 070043

TETRANYCHUS
Heliothis **armigera, Tetranychus** telarius, Po- 070324
urticae, **Tetranychus cinnabarinus**]. 070435
for control of **Tetranychus cucurbitae** Rahm- 070448
Resistance of red spider **mite, Tetranychus** 070303
strains of **Tetranychus neocaledonicus** comp- 070246
life tables of **Tetranychus neocaledonicus** A- 070851
Spotted spider mites **[Tetranychus truncatus]** 070510
on relationship of **Tetranychus urticae** Koch 070278
on relationships of **Tetranychus urticae** Koch 070279
pattern of infestation of **Tetranychus urticae** 070288
Control of **Tetranychus urticae** Koch on hops 070289
of action of sterilants in **Tetranychus urticae** 070301
on relationship of **Tetranychus urticae** Koch 070994
on relationships of **Tetranychus urticae** Koch 070997

TETRAPLOIDS
of meiotic chromosome pairing in **tetraploid** 067093
effect on diploid & **tetraploid forms** of buck- 067377
flowering on seed set of **tetraploid Freesia.** 067564
in association with **tetraploid Italian** ryegra- 070094
results & **monocarpous tetraploid** sugar beet 067082

TETRASPERMA
SEE DISCARIA

TETTIGONIIDAE
new species (Orthoptera: **Tettigoniidae**: Dec- 071111

TETTIGONIOIDEA
Scopoli **(Tettigonioidea, Orthoptera)** in Sou- 071087

TEUCRIUM
SEE LABIATAE

TEXTILES
changes in cotton print **cloth crosslinked** wi- 063832
there really a need for **textile flammability** 062865
Japanese wool **textile industry.** A review of 062883
Textile or **oleaginous** flax. [Weed control]. 070187

TEXTURE
Relationship between **texture** of "grape soils 069936
Texture of **bread.** 063734
Terminology of **texture** of **cream.** 063526
Leaching of **heavy textured** saline soils on 071712
physical basis of **texture** in **horticultural** pr- 063933
test on test sample of **light textured** soil co- 071961

THALASSIA
of turtle grass **(Thalassia testudinum)** in Ta- 068184

THANASIMUS
Protect **Thanasimus formicatus!** [forest pests 070537

THAUMETOPOEA
Atlantique . [**Thaumetopoea pithyocampa,** f- 069901
Orientation of **Thaumetopoea pityocampa** S- 070828

THEACEAE
of methylamine in tea plant **(Thea sinensis** 067441

THEAFLAVINS
Theaflavins of **black** tea. 063446

THEOBROMA
SEE STERCULIACEAE

THERAPY
Contribution to prevention & **therapy** of "fo- 065605
deficiency--their prophylaxis & **therapy.** 065928
Prophylaxis & **therapy** for **calves** with dysp- 065996
Hot & **cold therapy** can help joint injuries. 065251
secondary effects of **corticoid therapy** in hor- 065302

Dibiomycin therapy for pulmonary diseases 065987
Therapy of **infection** in upper respiratory tr- 065657
On prophylactic & **therapeutic measures** to 065333
of swine & a **therapeutic method.** 066062
of various antibiotics in **therapy** of **metritis** 065656
On improvement of **therapeutic possibilities** 065604
Therapeutic & prophylactic treatment of bla- 065854
prevention & **therapy--as** seen **today.** [Veter- 065264
Prophylactic & **therapeutic treatment** of nec- 065855
Therapeutic usefulness of Aniron preparation 065284

THERMAL
Differential **thermal analysis** in food investi- 063333
components from **thermally degraded** thiam- 063387
of rinderpest virions with **delayed thermal** i- 065621
sensitivity to **thermal denaturation** during 064347
encephalitis, in hot spring **effluents, thermal** 065585
in cotton seeds treated with **thermal factor.** 067372
of permanent warping by **thermal hardening** 063651
Thermal & pH [hydrogen-ion cocentration] 065515
effects after construction of a **thermal power** 066151
On **thermal regime** of oak branches in places 070545
control is needed during **thermal treatment** 063667

THERMOBIA
Lepisma saccharina, **Thermobia domestica]** 070589

THERMODYNAMICS
Autoxidation thermodynamics of some unsa- 063470
Kinetics & **thermodynamics** of **fats** autoxidat- 063473

THERMOPHILIC
On substances of **thermophilic alga** Plecton- 067581
of acid protease from **thermophilic fungus,** 067418
ecology of some **thermophilic insects.** [Cara- 070972

THERMOPLASTIC
SEE PLASTICS

THERMOREGULATION
Thermoregulation in **nests** of Lasius fuligino- 071108

THERMOSTABILITY
Changes in **thermostability** of some **proteins** 068183

THIABENDAZOLE
Thiabendazole in **feed** & its effect on somatic 065599
benomyl & **thiabendazole** in **seedand** soil-tr- 069239

THIAMINE
Thiamine. XIV. Requirements of man. 063244
Thiamine. V. Occurrence in foods. [**Thiamine]** 063368
Thiamin deficiency: liver metabolite levels 063254
from thermally **degraded thiamine.** [Food]. 063387
Thiamin & equine laryngeal hemiplegia. 065975

THICKNESS
values in pigs according to **bacon thickness** 064266
Bark thickness & its part of trunk volume of 066272
for measurement of **fat thickness** & rib eye 064120
carcass loin-eye area & **fat thickness** from u- 064211
Comparing muscle **fibre thickness** in pork fr- 063602
A note on effect of **thickness** & **grain** directi- 066485
of lumber laminated from 1/8-**inch-thick** ve- 066548
Filtration fabrics in field of **thick juice** & li- 063868
conditions for sulfitation of **thick products** of 063799
Note on inheritance of **style thickness** in a 067273

THINNING
forests with varying degrees of **thinning.** 066250
On causes of **thinning** in **alfalfa** stands. 069914
Mechanism of **chemical thinning** in Satsuma 068958
cuttings & **thinnings** on **development** of cove 066405
soil in connection with **mechanical thinning** 068869
Survival of trees under **natural thinning** in p- 068566
Thinning stands of Pinus in continuous seed- 066345
On **thinning** in **vineyards.** 069176

THIOBARBITURIC
Observations on use of 2-**thiobarbituric acid** 063190
oxidation degree by **thiobarbituric method** u- 063437

THIOL
Thiol compounds & resistance of Pyrenopho- 069263
of role of **thiols** in **determination** of radiose- 067803
of various modifying factors on **thiol level** in 068143
Study on role of **thiols** in **modification** of Ch- 067801
On role of **thiols** in **radiosensitivity** of wheat 068141

THIOSULFATE
derived from **Chlorobium thiosulfatophilum:** 067442

THIOTEPA
Persistence of **thiotepa** & **tepa** in pupae & a- 070657

THIOUREA
of N-(Pyrid-2-yl)**thiourea** as **root** growth in- 068092
Antiviral effect of **thiourea** & **urea** derivativ- 065896

THIRAM
TMTD & boric acid--effective chemicals for 069552
Thiram residues on salad treated with two c- 070700

THOMASINIANA
on development of **Thomasiniana theobaldi** 070475

THORACIC
from sheep by cannulation of **thoracic duct** 065544
study of effect on **prothoracic gland** of two 070856
strain recorded from **thoracic vertebrae** of s- 064424

THREAD
threaded nails with four & five **thread flutes** 066561
Course of **thread-necked** worm infestation in 065778
Thread-necked worms in sheep in Semipalat- 065797
Effects of a **uterine thread** on oviposition & 064290

THREONINE
properties of **threonine deaminase.** 067631

THRESH
Conditions for & quality of **threshing maize** 071704

THRESHOLD
Flavor thresholds for fatty acids in buffered 063392
Difference **taste thresholds** for sodium chlor- 063250

THRIPIDAE
on tomato & okra by **thrips, Frankliniella** i- 070469
two new genera of **Indian Thripidae** (Thysa- 071295

THUJA
SEE PINACEAE

THURICIDE
control by **thuricide** & other **insecticides.** 070508

THYLAKOIDS
organization of **chloroplast thylakoids** of gr- 066989
High-energy state of **thylakoid system** as in- 068267

THYMIDINE
[3H] **thymidine utilization** in primary root 068077

THYMUS
in chicken bursa of Fabricius & **thymus.** 064348
effect on liver, kidney, spleen, & **thymus.** 064374
purification of protease from **calf thymus** ch- 064243
Study of F2b fraction of **calf thymus** histone 064329

THYROID
Antithyroid activity of Murraya paniculata 067615
D-glucosamine metabolism in **bovine thyroid** 064328
metabolism of isolated **calf thyroid** cells. 064351
Histological characteristic of **thyroid glands** 064261
Caryometric analysis of **thyroid glands** in pi- 064263
peroxide generating system in **hog thyroid** 064321
of 131I [iodine] by **guinea pig thyroid** tissue 063253
Release of **thyroid stimulating** hormone from 064311

THYROTROPIN
of synthetic TRH [**Thyrotropin-releasing** ho- 064353
Effect of **thyrotropin releasing** hormone on 064431

THYSANOPTERA
genera of Indian Thripidae **(Thysanoptera),** 071295
Mycophagous Thysanoptera. IV. 071287
Mycophagous Thysanoptera. V. 071288

THYSANURA
of a new genus of **cave Thysanuran** from Te- 071130

TICKS
Cytogenetics of **ticks** (Acari: Ixodoidea). Ii. 070619
Screen electron microscopic study of **ticks.** 071035
A guide to **ticks** of **Arkansas.** 071131
using larvae of cattle **tick Boophilus** microp- 070597
diseases in Kirghizia. [**Brucellosis, ticks].** 065836
Ticks, carriers of pathogen of enzootic abort- 065772
physiological studies of **certain ticks** (ixodoi- 070941
water balance in ixodid **tick Dermacentor a-** 070908
▪▪▪ 070910
gut of Hyalomma excavatum **female ticks.** 071080
seasonal abundance of **immature ticks** (Ha- 070640
Importance of **Ixodidae ticks** in supporting 070653
from spermatophore of **tick, Ornithodoros** s- 070926
Laboratory evaluation of **tick repellents.** [O- 070614

TIE
forms of **ties** between **farming** & processing 062379
to common market, seeking **strong ties** with 062671

TILIA
period. [Quercus robur, **Tilia platiphyllos,** B- 068602
of two-species plywood. [**Tilia, Quercus** mon- 066458

TILLAGE
Scratching surface; a yes for **no-tillage.** [Wh- 072296
Effect of **basic tillage** & fertilizer on sunflo- 072176
On **basic tillage** in irrigated rotation of crops 072270
Effect of **basic tillage** & fertilizer on sunflo- 072298
Will **conservation tillage** increase incidence 069817
Contemporary tillage problems. 072249
Rotations for **no-tillage corn** in Virginia. 068855
Tillage of **corn** fields for winter wheat plant- 072316
of different systems of **tillage** in **crop** rotati- 072309
Effect of **deep tillage** on properties of sandy 072341
Results of soil **tillage experiments** in viticul- 072303
needs for concentrated broiler **feeds till** year 064087
forest grass swards by **tillage, fertilization,** 068873
Effect of depths of **tillage & fertilization** on 069213
Fixing period of **tilling ground** & soil fertili- 068851
Routine problems in **improving tillage** of fall 072308
Will conservation **tillage increase** incidence 069817
On reduction of **interrow tillage** of potato c- 072325
interrow (rotary) **tillage** of **irrigated** soils in 072326
Effect of **tillage & irrigation** on amount of n- 071848
study of active operating **tilling machines.** 071533
properties (basis of **tillage methods).** 071795
soil fertility with various **tillage methods.** 071920
Minimum tillage in sunflower culture. 072314
study of active **operating tilling** machines. 071533
Contemporary **tillage problems.** 072249
on possibilities of **reducing tillage** & on effe- 072160
concerning time & depth of **tilling** for **rye** & 072331
Effect of after-harvest **soil tillage** & catch c- 068895
Studies on simplified **soil tillage.** II. Effect 068900
Effect of method of **soil tillage** & fertilizers 068901
Effect of reduced **soil tillage** in a three year 068905
of replacing mechanical **soil tillage** with her- 070203
Soil tillage & grain sowing. [Equipment]. 071573
Effect of method of **soil tillage** & fertilizers 071963
Effective procedures for **soil tillage** in a syst- 072272
Results of minimum **soil tillage.** 072285
Results of **soil tillage** experiments in viticul- 072303
of replacing mechanical **soil tillage** with her- 072310
On zonal system of **soil tillage** in Crimea. 072313
Developing theory of **soil tillage** in recent y- 072319
in some problems relating to **soil tillage.** 072328
Effect of reduced **soil tillage** in a three year 072340
of reducing amount of **tillage** in **soils** of sou- 072315
Spring tillage of wheat in Amur Region. 072320
in relation to frequency of **summer tillage,** 068647
activity & soil fertility with **various tillage** 071920
science & practice in field of **tillage & weed** 070206
needs for concentrated broiler feeds **till year** 064087

TILLERS
Relation between plant density & **tillering.** 068080
Use of hydrostatic drive for **rotary tillers** of 071623
of parameters of self-propelled **rotary tiller.** 071697
Results of testing forest soil **rotary tiller.** 071624

TILLETIA
seed treatment trials 1972. [**Cereals, Tilletia** 069279
compounds in **controlling Tilletia** & other c- 069386
of germination of **Tilletia teliospores.** 069502

TILTH
Effect of **strength, tilth** & heterogeneity of 068630

TIMBER
In motion weighing. [**Timbers].** 066409
Bark & **timber beetles** of Pacific Islands. 071225
of substitution for **conferous timber.** [Wood 066434
clayey soils associated with **Cross Timbers** in 071857
Small-**diameter timber** & its supply. 066496
Transition of **timber distribution** facilities & 066207
Timber distribution & marketing facilities in 066442
Future uses of **timber & effect** of forest man- 066544
Growing timber outside forest in reallocation 066231
Timber-harvest clearcutting & nutrients in 066391
of 1971 statistics for **imported timber.** 066543
problems of **timber impregnation.** 066425
on natural resistance of **Indian timbers** to 066487
Timber industries of New Jersey & Delaware 066557
Dimensions of **long timber,** an important fac- 066499
Timber measurement for standing sales using 066227
Growing **timber outside** forest in reallocation 066231
flitches for scantling. [**Timber processing].** 066417
Direct selling of **timber** at **producing** area. 066531
agreement on **timber production** & forest pr- 066275
methods in preparation of **raw timber--a** dec- 066537
Utilization of **timber reserves** of forests in e- 066230
Volume tables for **saw timber** stems based on 066202
against sapstain & decay in **sawn timber.** 066501
Log scale & lump sum **timber selling** on fed- 066273
State of **timber shortage** in 17/18th Century 066092
Volume tables for saw **timber stems** based on 066202
Log scale & lump **sum timber** selling on fed- 066273
Unloading timber from open cars with grabs 066497
"Use of **timber** in **water** cooling towers in I- 066486

TIME
of forest advisory service in change of **time.** 066077
Trypetidae & **time** of their **appearance.** 070845
Effect of **time** of **application** of insecticides 070341
Time of **application** of nitrogen fertilizer to 072020
Effect of soil, foliar & **time** of **application** of 072024
Note on **time** of **application** of nitrogen to r- 072090
Some observations on **time** of **application** of 072168
economy related to **time** of **calving** from usi- 065054
Studies **concerning time** & depth of tilling f- 072331
Effect of **defoliation time** on acclimation & 068238
count for raw milk at **time** of **delivery** & for 063505
industry. Weathering a **difficult time** for ch- 072170

of variances for stochastic, **discrete-time,** po- 066297
Planting **time experiments** with potato varie- 069084
in practical sheep husbandry--**first time** she- 064222
Genetics of **flowering time** in Raphanus sati- 067324
of Papaver dubium. Vii. **Germination time.** 067168
Nitrogen fertilization & **harvest time** for pa- 072139
Time & heating-effect of vitamin A loss in b- 063282
Temperature control of **time intervals** betwe- 067969
Timing of measures for budmite control to r- 070429
Effects of **mixing time** & emulsifier on yell- 063300
A note on **time-motion** study in saw milling 066481
Timing of nucleic acid syntheses & mitosis in 068061
of temperature & **time** on **nutrients** & active 064649
Planting time experiments with potato varie- 069084
response to fertilization at **time** of **planting.** 072202
for stochastic, discrete-**time, population** gro- 066297
as affected by maturity & **processing time.** 063935
Effect of **time & rate** of molinate on growth 070207
of alkali concentration, **reaction time** & ord- 066520
practical sheep husbandry--first **time sheep** 064222
Effects of various nitrogen **sources, timing,** 068219
Effect of **sowing time** & seed quantity on qu- 068018
Influence of **sowing time** on green-matter p- 068877
of nitrogen fertilization & **time** of **sowing** on 072162
Delay of **time** between **specific** phosphorus- 064565
Influence of **time & temperature** of storage 065569
compounds. I. Effects of **temperature, time** 070231
components as affected by **timing** of **top**-dre- 068156
stabilizers on churning & **whipping time** of 063535

TIMOTHY

Timothy varieties, 1973. 068753

TIPBURN

Tipburn of **lettuce** & means of preventing di- 069888

TIPULIDAE

body size in crane-flies (Diptera: **Tipulidae)** 070814
Diptera: **Tipulidae.** 071138
Tipula excisa Schum. **(Diptera, Tipulidae),** li- 070981
Norwegian Limoniinae **(Diptera, Tipulidae)** 071267
Mode of transmission of **Tipula iridescent** vi- 070931
Mode of transmission of **Tipula iridescent** vi- 070932
larvae infected by **Tipula iridescent** virus. 070938
Ecology of xylobiont **Tipulidae larvae.** 070819
by stream detritivores. **[Tipula, Pycnopsyche,** 070816

TIRES

Tires with a **large** load carrying capacity; a 071606
Further development towards a **tyre rubber.** 063421

TISSUES

Aseptic culture of Amaryllis ovules & **tissues** 068438
clinical use of histoacryl **tissue-adhesive.** [V- 065266
II. Fatty acid composition of **adipose tissue** 064344
Cellular development of **adipose tissues.** [An- 064481
in wall of digestive tract & **adipose tissues** of 064501
acid composition of porcine **adipose tissue.** 064731
changes in kidney, ureter, & **adjacent tissues** 065578
of electrical impedance of **alfalfa tissue.** 067927
end rot of tomates based on **tissue analysis** 069767
lipid metabolism in bovine **arterial tissue.** 064395
between growth & sugar **beet tissues** cultures 068162
with hormonal-**tissue biostimulants.** 064528
Differentiation staining of **bone tissue** on to- 065214
findings in monkey & **bovine tissues.** 064352
digestibility of some southern **browse tissues** 064741
Botrytis cinerea infected **cabbage tissues.** 068282
growth regulators by isolated **callus tissues.** 067410
Utilization of arginine by rice **callus tissue.** 068154
utilization of arginine in rice **callus tissue.** 068157
potato X-virus reproduction in **callus tissue** 069659
of a whole plant in culture of **carrot tissue.** 068342
studies on photosynthesis of **carrot tissue** cu- 068448
Carbohydrate metabolism in **tissues** in **cases** 065998
oxygen consumption of their **central tissues.** 068295
extracellular connective **tissue components** in 064275
histometrical estimation of **connective tissue** 063581
enzymes on extracellular **connective tissue** 064275
Connective tissue framework & muscle grow- 064295
Connective tissue metabolism in swine. . IV. 064372
with hyperplasia of **connective tissue** of ma- 065980
I. Growth, carcass quality, & **tissue copper** l- 064343
Leakage from **corn tissues** induced by Helm- 069501
metabolic activities in **tissue culture** cells. I- 064364
in cells of apple tree **tissue culture.** 067048
effect of sodium chloride on **tissue culture** of 067406
Emblica officinalis Gaertn **tissue culture.** 067613
On **tissue culture** of Datura innoxia Mill. & 067805
Jerusalem artichoke (including **tissue culture** 068312
of non-photosynthetic **tissue culture** cells. [068435
of XVirus of potatoes in **tissue culture** of Da- 069665
by apical meristem culture & **tissue culture.** 069704
Caffeine synthesis in fruits & **tissue cultures** 067776
growth & sugar beet **tissues cultures.** 068162
on photosynthesis of carrot **tissue cultures.** 068448
to cultivate arboviruses in **tissue cultures** of 069656
viruses in mosquito **tissue cultures.** [Aedes a- 070812
ketose-reductase in placenta & **fetal tissues.** 064408
Connective **tissue framework** & muscle grow- 064295
pectinase activities in **fruit tissues** & separat- 068443
from Emblica officinalis **Gaertn tissue** cultu- 067613
hypoplasia of mammary **gland tissues** in co- 065979
Electricial impedance of **tissue** of **grasses** re- 067928
clinical use of **histoacryl tissue**-adhesive. [V- 065266
diseases of livestock with **hormonal-tissue** b- 064528
on Jerusalem artichoke **(including tissue** cul- 068312
Leakage from corn **tissues induced** by Helm- 069501
multiplying in some **tissues** of an **insect** vec- 069652
of DNA in **tissues** of gamma-**irradiated** Gall- 070938
Zinc absorption by excised **leaf tissue** of cof- 067826
sodium export, & permeability of **leaf tissue.** 067918
surfactants by soybean **leaf tissues.** 067923
Prediction of yield of fat-free **lean tissue** fr- 063661
acid composition of adipose **tissue lipids.** 064344
level of agent in blood plasma & **lung tissue** 065425
cellular morphology in **mammary tissue** pie- 064426
Connective **tissue metabolism** in swine. . IV. 064372
chandipura viruses in **mosquito tissue** cultur- 070812
Histogenesis of **muscle tissue** of Large White 064506
endogenous water in fish **muscular tissue.** 063429
tumour & its corresponding **normal tissue** of 066976
requirements of non-**photosynthetic tissue** cu- 068435
morphology in mammary **tissue pieces** during 064426
manifested by some **plant tissues.** 067413
Free proline & water deficit in **plant tissues** 067586
of proteins in normal & tumour **plant tissue** 067692
transport of sucrose in **plant tissue.** [Sugar 068160
H-sesquisulfate in **plant tissue.** [Kidney bea- 068357
high doses of urea on **tissue & plasmatic** pro- 063596
on spontaneous fissures in **root tissues** of cr- 066918
of arctiine on germination, on **root tissues &** 067394
acid biosynthesis in sweetpotato **root tissue** 068455
of potassium & sodium in **root tissues.** [Gou- 068482
Auxin transport in **secondary tissues.** [Toba- 068059
activity by auxin in pea **stem tissue.** I. Kine- 068440
activity by auxin in pea **stem tissue.** II. Me- 068441
induction of mitoses in **storage tissue** of Sol- 068260
study of formation of **tapetal tissue** of sugar 067055
of 131I [iodine] by guinea pig **thyroid tissue** 063253
Regulation of growth of **tobacco tissues** with 067876
variation in cells of apple **tree tissue** culture 067048
electric impedance of apple-**tree tissues** & p- 069613
of solutes & slouching of potato **tuber tissue** 063874
acid synthesis in potato **tuber tissue** by cutt- 068456

TITRATION

optimal conditions for its **titration.** [Dogs]. 064277
of soil solutions by **automatic titration** equi- 071716
Determining titer of hemagglutinins in comp- 065675
potentiometric **titration methods.** 071934

TMTD

SEE THIRAM

TOADS

venoms of bees, scorpions, spiders & **toads.** 071054

TOBACCO

lease-and-transfer programs. **[Tobacco].** 062402
determination of humidity rate of **tobacco.** 063726
mutant Nicotiana tabacum L. **[Tobacco].** 066936
inherited plastid defect (Dpl) of **tobacco.** 067087
altered differentiation in **tobacco.** 067288
to bacterial wilt disease in **tobacco.** I. Analy- 067298
inherited plastid defect (Dpl) of **tobacco.** 067907
transport in secondary tissues. **[Tobacco].** 068059
formation in Nicotiana tabacum. **[Tobacco]** 068062
of Alternaria alternata conidia. **[Tobacco].** 069509
leaf spot, a new disease of **tobacco** (Nicotia- 069529
Effect of kinetin on organogenesis in **tobacco** 069614
Spread of mycoplasma in **tobacco** (Nicotiana 069615
diseased plants during senescence. **[Tobacco** 069668
on virus susceptibility in **tobacco.** 069671
systemically infected with viruses. **[Tobacco]** 069680
of Nicotiana tabacum var. Samsun. **[Tobacco]** 069730
parasitic & adventitious pests of **tobacco.** [I- 069777
in control of Orobanche of **tobacco.** 070202
cutworm (Agrotis ypsilon Rott.) on **tobacco** 070337
area shifts in burley **tobacco allotments,** 19 062942
of root-knot nematode on **tobacco** in **Apuliz.** 069806
cytokinins in cytokinin-**autotrophic tobacco** 063777
some plant extracts. [Ginkgo **biloba, tobacco** 070279
tests for controlling **bollworms, tobacco** bu- 070404
in non-aqueous media. **[Tobacco, broadbean,** 067651
for large-scale rearing of **tobacco budworm.** 071057
chemicals for control of **tobacco budworms** 070403
controlling bollworms, **tobacco budworms &** 070404
Inter-area shifts in **burley tobacco** allotmen- 062942
wrapper, cigar-filler & white **burley tobacco** 069213
in cytokinin-autotrophic **tobacco callus.** 063777
Tobacco chemistry. 17. Evaluation of two m- 063713
Effect of **tobacco crop** disposal methods & s- 069761
resistant variety of flue-**cured tobacco.** 069893
Cotton, Verticillium **dahliae, tobacco,** Pseud- 069472
Basis for parameters of **tobacco dryer** with 071675
from leaves. [Canavalia **ensiformis,** tobacco] 067439
characteristics of **tobacco** in **first**-generation 067364
Tobacco flea beetle overwintering & spring 070357
two methods for collection of **tobacco head** 063713
plant discrimination in **tobacco hornworm,** 070916
of ozone & sulfur dioxide. **[Tobacco, injuries** 069781
virus reproduction in **X-irradiation tobacco** l- 069697
Metabolic regulation in senescing **tobacco l-af.** 068115
Metabolic regulation in senescing **tobacco l-af.** 068116
Stomatal behavior of **tobacco leaves** of diffe- 067940
Chemical composition of **tobacco leaves** alte- 068111
reproduction in X-irradiation **tobacco leaves** 069697
Proteins synthesized in **tobacco leaves** infec- 069717
properties of sap from **tobacco leaves** infect- 069725
infected by virus diseases. **[Tobacco, mosaic]** 068211
quality of several new TMV **[tobacco mosaic** 068420
in relation to degradation of **tobacco mosaic** 069634
Tobacco mosaic virus resistance in lycopersi- 069642
classification of **tobacco mosaic** virus strains 069644
quality of several new TMV **[tobacco mosaic** 069675
mosaic virus & TMV **[tobacco mosaic** virus] 069676
Mechanism of inhibition of **tobacco mosaic** v- 069697
leaf hairs in transmission of **tobacco mosaic** 069713
infected by virus diseases. **[Tobacco, mosaic]** 069728
of DMSO on synthesis ot **tobacco mosaic** vi- 069730
leaf hairs in transmission of **tobacco mosaic** 070407
in relation to degradation of **tobacco mosaic** 071786
necrosis virus & satellite **tobacco necrosis** vi- 069717
chlorophyll mutant **Nicotiana tabacum** L. [066936
of embryoid formation in **Nicotiana tabacum** 068062
a new disease of tobacco **(Nicotiana tabacum)** 069529
cut out from leaves of **Nicotiana tabacum** var 069730
Development of a **normal tobacco** plant from 068106
Influence of DMSO on synthesis **ot tobacco** 069730
Aurea mutant of Nicotiana. **[Peas, tobacco]** 068132
Development of a normal **tobacco plant** from 068106
on nicotine content of **tobacco plant.** 068118
On **tobacco plantations** of Crimea. [Phytom- 070236
of sulphur dioxide by **tobacco plants** differe- 068031
of profitability of **tobacco production** on col- 062516
Tobacco production in Angola. 068679
Verticillium dahliae, **tobacco, Pseudomonas** 069472
symptom specification in **tobacco rattle** virus 069707
between components of **tobacco rattle** virus 069715
Adam race attacking **resistant tobacco** varie- 069418
Studies on growth of **tobacco roots.** XI. Effe- 067547
tobacco necrosis virus & **satellite tobacco** ne- 069717
Cabbage moth--a pest on **tobacco seed** plant- 070366
Metabolic regulation in **senescing tobacco** l- 068115
Metabolic regulation in **senescing tobacco** l- 068116
Investigations on effect of **tobacco smoke** c- 067563
divisions in pith parenchyma of **tobacco stem.** 067999
Ginkgo biloba, **tobacco, strawberries,** kidney 070279
Regulation of growth of **tobacco tissues** with 067876
out from leaves of Nicotiana **tabacum var.** S- 069730
race attacking resistant **tobacco varieties.** 069418
units for harvesting **vegetables, tobacco** & o- 071673
Tobacco vein-banding mosaic virus. [Myzus 069618
Status of studies on **tobacco virus** disease ca- 069734

TOCOPHEROLS

in fatty acid & **tocopherol compositions** of c- 067877
Occurrence of **tocopherol**-like **compounds** in 063788
Influence of **tocopherol concentration** in so- 063475
Effect of **tocopherols content** on stability of 063858
acids, carotenoids & **tocopherols, hexanal** fo- 063785
Changes in plasma & milk **tocopherol levels** 064618

TOLERANCE

Tolerance of **alachlor** in winter rape depend- 070132
Chip quality, **bark tolerance** & fiber yield. 066412
Calcium tolerance test in rat according to K- 064304
populations of susceptible & **tolerant celery.** 069484
Tolerance to **Cercosporella** herpotrichoides 069466
Cold tolerance & winter hardiness in Lolium 068049
of two pea varieties with **different tolerance** 068341
Tolerance of **established** raspberry plantatio- 070090
Fungicide **tolerance faces** Miracle" drugs. 069549
Three successful salt **tolerant plants.** [Pucci- 072301
Searching for **possible tolerance** in cotton to 069247
Residues--maximum **quantities--tolerances.** 063088
Tolerance of **raspberries** & strawberries to r- 070089
Salt tolerance of various poplar & willow sp- 069782
Reciprocal differences in **tolerance** to **seed-** 067961
Tolerance of six **strawberry** varieties to phe- 070080
Tolerance of some **turfgrass** species to differ- 067933
activated charcoal on **tolerance** of **vegetable** 070050

TOMATO

chloride on peeling efficiency of **tomatoes.** 063957
Culture of plant protoplasts. **[Tomatoes].** 066937
of style thickness in a cross of **tomato** (Lyc- 067273
of locule number in a cross in **tomato** (Lyco- 067274
of citrine phenotype of **tomato.** 067294
imbalance in three wilty mutants of **tomato** 068263
for treating roots & flowers of **tomatoes.** 068403
high density plant populations. **[Tomatoes].** 068418
high density plant populations. **[Tomatoes].** 068573
Phytophthora [infestans] blight of **tomato.** 069323
Cladosporium leaf mold. **[Tomatoes].** 069458
with a reduction of Fusarium wilt of **tomato** 069506
Note on measurement of leaf area of **tomato** 069639
virus resistance in lycopersicon. **[Tomatoes]** 069642
Weed control in **tomatoes**--1973. 070105
Soil fertility experiments with **tomatoes,** 19 071988
Pre-harvest factors **affecting tomato** fruit qu- 072169
crops in 1972. **[Aleyrodidae, tomatoes].** 070491
F. Smith) Jensen. **[Tomatoes, bacterial** dise- 069596
in some species of **tomatoes & beet** under di- 068331
aqueous media. [Tobacco, **broadbean, tomato]** 067651

Man vs. Virus. [Corn, tomatoes]. 069674
method of application on tomato, cucumber, 068250
crops. [Lettuce, tomatoes, cucumbers]. 068462
New processing tomato cultivars Ohio 2070, 069103
Respiration of tomatoes in dependence on z- 068326
California's dynamic tomato industry. 1. To- 062852
of marketing procedures for fresh tomatoes 062624
Studies on acid phosphatase of tomato fruit 063885
Lipids of ripening tomato fruit & its mitoch- 068437
Pre-harvest factors affecting tomato fruit qu- 072169
content in redand orange-fruited tomatoes. 067143
maturation & ripening of tomato fruits. III. 063971
Response of tomato fruits to acetylene & ca- 063992
DDT & endosulfan residues on tomato fruits 070450
experiments with tomatoes under glass. 068356
Pollinating greenhouse tomatoes with a vibr- 068419
of potato blight on field grown tomatoes usi- 069450
yields of early cabbage & tomatoes grown on 072445
California's dynamic tomato industry. 1. To- 062852
of some glasshouse crops. [Lettuce, tomatoes, 068462
tobacco mosaic virus]-resistant tomato lines 068420
Mutant forms of tomatoes obtained form eff- 067170
White sweelings caused on tomato & okra by 070469
Pythium damping off of tomato, pea & cauli- 069332
in damping-off phase of tomato, pea, & cauli- 069333
external fruit color of tomato & peach. 069052
plants a spossible hosts for tomato pinworm 070465
on nutrient uptake by tomato plants. 069241
New processing tomato cultivars Ohio 2070, 069103
tobacco mosaic virus]-resistant tomato lines 068420
acid content of artificially ripened tomatoes 063963
Lipids of ripening tomato fruit & its mitoch- 068437
Attractiveness of tomato seedlings treated w- 069805
Studies of tomatoes selected for rate of eme- 068239
mutations. [Peas, sunflowers, tomatoes]. 067172
wilt diseases of tomatoes with systemic fung- 069338
media on growth of tomato transplants. 068417
Huilqui & Loica: New tomato varieties. 068954
incognita: its effects on tomato yield & some 069870

TONGA
Ecology of rodents in Tonga Islands. [Crop 069867

TONOPLASTS
of plasma membrane & tonoplast adenosine 068033

TOOLS
Land-use planning: a tool in guiding commu- 062272
Good tool--half of efficient work. [Saws, wo- 066526
A handy tool for irrigation farmers. 071597
Meats, ONIBEV: An imperfect tool, but it f- 062987
School lunch--a tool for nutrition education 063279
Insect-resistant varieties: tools for organic g- 070494
cloud photography as a possible tool to fore- 069308
germination of potatoes in a tool warehouse 071471

TOPOCHEMISTRY
of arterial wall. XVI. Topochemical studies 064395

TOPOGRAPHY
of bone tissue on topographic anatomic sect- 065214
Topographical differences in wool productivi- 064259

TORENIA
of organ fragments of Torenia fournieri (Lind 067453

TORREYA
tribe Taxeae, genera Taxus, Torreya; tribe 069133

TORSION
of gastric dilation & torsion in dog. Gastric 065258
A case of intestinal torsion in equine. 065977
section complicated by torsion & rupture of 065353
Reduction of torsional vibration in a rotary 071599

TORTRICIDAE
of high economic importance. [Tortricidae]. 070271
Adoxophyes orana (Lepidoptera: Tortricidae 070467
leaf rolling insects on currant. [Tortricidae] 070490
fumiferana (Lepidoptera: Tortricidae). [Picea 070530
Adoxophyes orana (Lepidoptera: Tortricidae 070466
Adoxophyes orana (Lepidoptera, Tortricidae 070268
pomonella L. (Lepidoptera, Tortricidae). 071005
of codling moth (Carpocapsa pomonella L.) 070458
moth in Poland. [Carpocapsa pomonella]. 070485
s take care of our roses. [Tortricidae, Rosa] 070417
leaf-gnawing pests. [Tortricidae, trichlorfon] 070544

TORTRIX
Large aspen tortrix. [Choristoneura conflict- 070560
in places of oviposition of Tortrix viridana L 070545

TORULOPSIS
to linoleyl phospholipid in Torulopsis utilis. 067635

TOURISM
measure for forestry, recreation & tourism. 066173
Tourism on farm: enchanted village. 062255
Agriculture & forestry--tourism. 062228
Tourism in rural areas: Something new? 062290
Recommended speed of travel of vehicles on 071635

TOW
effeciency & viability in tow Bos indicus & 065011
Effect of various types of sisal tow on fructif- 069159

TOWERS
"Use of timber in water cooling towers in I- 066486
Pole barn with no walls or simple hay tower 071502

TOXICITY
by Helminthosporium maydis race T toxin. 069501
effects on mercury accumulation, toxicity, & 070682
Toxicity of acetaldehyde vapors to postharv- 069486
Toxic activity of disintegrated bacillus cereus 065690
in pea resistance to toxicity of aluminum. 068333
Where have all toxic chemicals gone? [Wat- 072532
Effect of toxicity of crop residues on followi- 069751
On toxicity of Divezid. [Sheep, lungworms] 065799
Determination of toxic dose & level of some 070664
in tissues in cases of toxic dyspepsia. [Cattle 065998
Toxic effect of heat-treated Bacillus cerus c- 066051
Examination of toxic effect of copper salts in 069749
Toxic effects of phenoloxidase from haemol- 070918
Food toxic infections through eggs. 063074
Toxin forming of Clostridium perfringens on 065762
Toxic fungi infecting feedstuffs. [Fusarium]. 064100
Measurement of toxic heavy metals by neut- 066049
of chronic nitrate toxicity hypothesis in bre- 066042
Nonspecificity of necrosis-inducing toxin of 069271
Food toxic infections through eggs. 063074
with different tolerance to toxic a1-ions. 068341
Joint toxic action of organophosphorus com- 070421
insecticidal action & toxicity to mammals of 063175
Manganese toxicity in greenhouse lettuce. 069865
Study of toxicity mechanism of o-methyl-0- 070621
Zinc in toxin metabolism of Fusarium oxys- 069350
trace-element metabolism in metal toxicities 069762
Toxicity of some modern insecticides to pad- 070348
Evaluation of chronic nitrate toxicity hypot- 066042
Naturally occurring toxicants of horticultural 068365
Persistent toxicity of malathion & pyrethrins 070338
Tables of pesticide toxicity for bees & of pr- 070270
XI. Effect of host-specific toxin produced by 069398
of nitrite & nitrate on toxin production by 063031
influencing growth & toxin production by au- 063167
Stability of cultural & toxic properties of fu- 069571
Acaricidal & toxic properties of Dursban, se- 070650
Toxicity & residue of some grain fumigants 063046
Histology in studies of toxicity to sheep & 066069
Tanaka. XI. Effect of host-specific toxin pr- 069398
Toxicity of systemic insecticides. Toxicologi- 066054
Elaboration of a thermostable toxin in diffe- 070255

TOXICOLOGY
of samples for chemico-toxicological tests. [066035
insecticides. Toxicological considerations in 066054
leaf senescence in maize by subtoxic levels 067917
insecticides of toxicologic significance in vet- 066015

TOXIGENICITY
Toxigenic algae. [Chrysophyceae, Dinophyc- 067601

TOXOCARA
SEE ASCARIDAE

TOXOPLASMA
Dog & cat as media conveying toxoplasmosis 065877
Studies on toxoplasmosis in farm animals in 065704
in development of Toxoplasma organisms in 065731
in Kazakhstan. [Toxoplasmosis, Protozoa, v- 065842

TRACE
Radioisotapic tracer determination of flow r- 072606
Interrelationships in trace-element metaboli- 069762
Effect of trace elements on development of 067696
Trace elements in Northern Ireland: effects 067878
Trace elements deficiencies in hay from recl- 068206
Influence of some trace elements on growth 068210
organizing experiments with trace elements 068332
Effect of trace elements on development of 069424
Elimination of traces of iron & copper duri- 063859
Trace metal contents of fish meal & of lipid 064068
Determination of metallic traces in oils by 063434
properties of beet topper in root tracing. 071703
Tracer study on preferential uptake of germ- 068153
agriculture. Application of tracer techniques 062179

TRACHEIDS
elevation & seed source on tracheid length in 068539
as extracts & in transfusion tracheids of We- 066993
of pits on one tracheid, & their variation in 066981

TRACKING
Track gauge of heavy duty tractors. 071538
outline of internally standardized track & r- 071585

TRACT
of crystal amino acids in digestive tract & ef- 064493
Lipid analysis in wall of digestive tract & ad- 064501
Adaptations of digestive tract during reprod- 064552
of certai in disorders of digestive tract (Prel- 065547
of infection in upper respiratory tract of ho- 065657
Inflammation of urinary tract in rams due to 065946

TRACTORS
Zahnasovice (Kromeriz district). [Tractors] 062488
determining technical condition of tractors. 071530
for easy understanding. 51. Tractor. 12. Str- 071551
Hopeful automatic operation of tractor. 071552
Mk II single wheel tester. [Tractor]. 071600
of cyclone spark extinguishers. [Tractors]. 071679
for distribution of in-let air in tractor cabs 071632
requirement of tractor on constructing plast- 071646
Logging with remote-controlled tractor-wind- 066446
power in operation of a tractor with corn h- 071691
Tractor for developing countries. 071611
of wheels of a four-wheel drive tractor on its 071583
of wheels of four-wheel drive tractors at low 071584
induced hearing losses of tractor drivers. 071507
Track gauge of heavy duty tractors. 071538
Four-wheel braking of farm tractors. 071571
horsepower & output of farm tractors as well 071582
An approach to a universal tractor hitch. 071598
160 Horsepower tractors in Zeeland. 071602
depth-control system for large tractor-moun- 071568
depth control system for large tractor-moun- 071570
Use of power of large tractors. 071649
Characteristics of tractor loads in culture & 071694
A tractor mounted plot sprayer. 071527
control system for large tractor-mounted pl- 071568
control system for large tractor-mounted pl- 071570
maintenance costs of tractors for planning 071545
Tractor power determines operations. 071614
linear motion of MTZ-50L tractor with self 071696
Use of tractor with or without non-skid cha- 071554
increasing productivity of tractor-skidders. 066498
Tractors tested according to regulations of 071669
An approach to a universal tractor hitch. 071598
with L-400 tractor, for its utilization in veg- 071685
with remote-controlled tractor-windlass. 066446
Fully hydraulic steering in ZT 303 tractor. 071543

TRADE
European Economic Community. [Trade]. 062634
Australian beef & veal industry. [Trade]. 062636
Brazilian cocoa. [Trade]. 062637
State trading, agricultural marketing boards 062764
Role of agricultural trade during economic 062767
analysis of Japanese-North American trade 066444
Fruit conserves & products in trade of area 062686
Caribbean Free Trade Association] changing 062671
Hungarian & French cattle trade with regard 063100
FTC's [Federal Trade Commission] activities 062912
agriculture. [Production, consumption trade] 062765
Grain economy in Canada. [Foreign trade] 062739
Foreign trade of cooperatives; statistical su- 062777
Increased trade with milk & dairy products 062648
Incomes, prices, trade influence world red 062669
International trade in semen. 064952
Technical control of trade wastes disposal at 072502

TRADESCANTIA
epidermal features in Gibasis (tradescantia) 066947
Somatic mutation rate in Tradescantia [ohi- 067299
chromatid aberrations in Tradescantia [palu- 067314

TRAILS
shape of plots & blocks in yield trails of so- 068725

TRAINING
New fruit forms. 3. pillar system. [Training] 069126
Forestry Training Council. 066143
pastures on Mummovskii Training Farm. 068721
New fruit training forms. 069128
Training manual: Special Summer Food Ser- 063015
of forestry education & training at Newton 066142
Training at plow still important. 072248
Some problems of professional training of c- 064187
On problem of training a qualified work for- 062376

TRANQUILIZERS
on influence of tranquillizing drugs, derivates 065282

TRANSDUCERS
at greater depths with a pressure transducer 071808

TRANSECTION
years from California elevational transect st- 066212

TRANSFER
under modified lease-and-transfer programs. 062402
Occurrence & transfer of a biological factor 069479
method for recovery & transfer of bovine eg- 064963
techniques for measuring carbon transfer th- 068125
in mitochondrial electron-transfer chain of c- 068461
Japanese radish. III. Transfer experiments 068398
Should principles for transfer of farmsteads 062247
efficiency of regenerative heat transfer. [Mi- 063512
of actual observations of soil heat transfer in 071467
Canada's land transfer plan. 062286
in phycobiont sheath as possible transfer st- 067732
of swine & antibiotic resistance transfer. [S- 065443
of pollination on ribosomal RNA, transfer 067916
methods used in United States transferable 062715

requirements for **transfer** of **technology.** 062257
Local **water-vapor transfer** coefficient on ho- 067625
Water-**vapor transfer** by forced-convection f- 067626

TRANSFERASES
lecithin-cholesterol-**acyl transferase** reaction 064453
Liver ornithine **carbamyl transferase** & blood 064924

TRANSFERRIN
into distribution of **transferrin genes** in catt- 064982
Relation of **transferrin** & **hemoglobin** types 065096
Types of **hemoglobin, transferrins** & protein 065149
Types of **transferrins** & their **relationship** wi- 065105
on frequency of **serum transferrin** & hemogl- 064980

TRANSFORMATION
Transformation of **barograph** & hygrograph 067577
triglycerides & **chlorophylls transformation.** 063474
On **forecasting transformation** of agricultural 062245
caused by **physical transformations** in fat p- 063458
plants. I. Reversible **plastid transformation** 067572
Transformation process in Austrian meat in- 062845
study of **protein transformation** in old sper- 064937
chlorophyll a-**transformation** & **succeeding** i- 068104

TRANSFUSION
as extracts & in **transfusion tracheids** of We- 066993

TRANSLOCATION
on absorptin & **translocation** of **asulam** in b- 069953
penetration & **translocation** of **asulam** in so- 070097
on absorption & **translocation** of **Bhc** & D- 070352
absorption & **translocation** of **boron** in oil p- 067566
absorption & **translocation** of **boron** in oil p- 067567
absorption & **translocation** of **boron** in oil p- 072021
absorption & **translocation** of **boron** in oil p- 072022
translocation of **dihydrostreptomycin**-3H-se- 068357
Adenine **nucleotide translocation** in Jerusal- 068280
cycloheximide on **translocation pattern** of r- 067665
protein hypothesis of **phloem translocation.** 067775
Possible translocation of insecticides in Pic- 070539
Translocation of **radionuclides** in plants. 067549
plastid pigments, & **sucrose translocation** in 068389

TRANSMISSION
results of some studies on its **transmission.** 069726
Aphididae, mosaic virus, **transmission, abaca** 069679
to knowledge of **transmissibility** of **cherry** l- 069722
vibration in a rotary **cultivator transmission** 071599
Cyclic transmission trials of Trypanosoma of 065625
in Taiwan. [Rice, **diseases, transmission**]. 070316
Studies on **experimental transmission** of Tr- 065504
Transmission of **feathery** mottle complex of 069703
Transmission of **Fiji** disease by Perkinsiella 069650
resistance to **transmissible gastroenteritis** of 065444
infected with a **transmissible gastroenteritis** 065446
of arboviral **infection transmission.** 069655
on symptoms & mode of **transmission** of **leaf** 069643
model of its relation to **malaria transmission** 070610
Mechanically transmissible viruses from corn 069691
Transmissible mink encephalopathy: studies 065510
Transmission of **rayado** fino virus of maize 069610
Transmission of **rice** stripe by small brown 069619
starch. Studies by **transmission** & **scanning** 063442
assessment & **seed transmission** of Septoria 069257
Further studies on **seed transmission** in ecol- 069611
bedding roots on **sprout transmission** of ne- 069882
Mode of **transmission** of **Tipula** iridescent vi- 070931
Mode of **transmission** of **Tipula** iridescent vi- 070932
of leaf hairs in **transmission** of **tobacco** mosa- 069713
Cyclic **transmission trials** of Trypanosoma of 065625
of plants & their **transmission** by **vectors.** [069628
Aphididae, mosaic **virus, transmission,** abaca 069679
for increased efficiency in **virus transmission** 070375
Mechanically **transmissible viruses** from corn 069691

TRANSPIRATION
for abscisic acid & other **antitranspirants.** [067727
L. (Endl.) at high rates of **transpiration.** [C- 068314
Estimating transpiration resistance. [Sorgh- 067885
Reducing **evapo-transpiration** under dry land 071710
Changes in **transpiration, net** carbon dioxide 068431
Oscillatory transpiration & water uptake of 068102
Effect of **antitranspirants** on **photosynthesis** 067983
Effect of **antitranspirants** & of **preparations** 066402
induction on **transpiration rate** & stomatal 067655

TRANSPLACENTAL
SEE PLACENTA

TRANSPLANTS
Trees & shrubs: weed control in **transplants** 069979
water economy after **transplantation.** 068606
affected by direct seeding & **transplanting.** 069815
Transplantability of **avian** lymphoid tumor c- 065668
young seedling **transplantation, especially** in 068685
weed species in **transplanted lettuce.** 070056
temperature **requirements, transplantability** 068942
media on growth of **tomato transplants.** 068417

TRANSPORTATION
economical means of **transportation?** 071620
Loss of membrane **transport ability** in leaf c- 068442
of potassium supply on **acropetal transport** 068098
trends of **agricultural transports.** 071540
Anion transporters in plant mitochondria. [068447
of vertical non-adsorbed **anion transport.** [S- 071868
Transport of **arginine** & alpha-aminoisobutyr- 068245
Auxin transport in secondary tissues. [Toba- 068059
in growth, geotropism & **auxin transport.** [068149
Rhythmicityin **basipetal transport** of indole- 068107
epithelium (closure) & **transport** into **blood.** 064439
system & formation of **transport chains.** 071541
utilized for **transport** & **commercialization** of 063912
Livestock **transportation costs** in West Virg- 062603
car supply; a South **Dakota transportation** 071663
of protein during **transport** into **developing** 064323
supply on conditions of **direct transport.** 066535
distribution & long-**distance transportation** of 062621
Trypsin inhibition of **electron transport.** [Ch- 068264
Electron transport & photophosphorylation 068274
Electron transport & photophosphorylation 068275
between non-cyclic **electron transport** & ph- 068429
research in **transportation** & **facilities** resea- 062695
On providing & utlizing **transport facilities** 071588
Trends of development of **farm transport.** [071572
an important factor in **forest transport.** 066499
as a medium of **transportation** in **forestry.** 066511
Transport of **glycine,** 3-o-methyl glucose & 064397
of dessert apple **harvesting, transport** & pre- 063881
factors influencing **ion transport** in a Dougl- 071807
Livestock transportation costs in West Virg- 062603
Transportation logistics--inner city. [Food, 062697
Membrane transport of sucrose in plant tiss- 068160
Loss of **membrane transport** ability in leaf c- 068442
Optimizing **milk transportation.** 062644
Tank trucks for **milk transportation.** 071638
epithelium ("losure) & **transport ot** blood. 064440
Transport of **phosphoorganic** defoliant buty- 068001
activity & **transport** of **potassium** & sodium 068482
a South Dakota **transportation problem.** 071663
Long-term allocation & **transport program** of 063604
unloading carts to **rationalise transport** & h- 072030
Analysis of **transport situation** on Unified A- 062488
Transport by **soil** percolation of nutritive su- 071785
Solid transport & sedimentation. [Watershe- 072452
in connection with **transport** of **substances.** 068164
concentration dependence of **sugar transport** 064563
force an open door? [**Swine, transportation**] 062751
methodical aspects of **transport system** & fo- 071541
On providing & **utlizing transport** facilities 071588

TRANSPOSITION
Studies of **transposition** from **medium** to fine 065208

TRAPACEAE
composition of several species of **Trapa** L. 067816

TRAPS
Trapping Carabidae. 070971
Trapping codling moth & apple fruit fly. 070275
Use of **color traps** for determination of inse- 070273
activity of nematode **trapping fungi** against 065525
mechanism of discharge of **holes trapped** in 068272
An **improved trap** to detect beetles (Coleop- 070572
Use of **light traps** in control of insect pests. 070269
Citrus leaf pieces as **traps** for **Phytophthora** 069485
electron spin resonance] **trapped radical** tec- 063826
First results of a **trapping trial** of telluric d- 065647

TRAVEL
SEE TOURISM

TRAYS
cocao bean fermentation using **tray method** 063436

TREES
apparatus for injecting chemicals into **trees.** 066368
of Bialowieza National Park. [**Trees**]. 066843
Study on wood formation in **trees.** III. Occ- 066982
of gravity of above-ground part of **trees.** 068558
cadang disease of coconut from tree to **tree.** 069624
chromosome variation in cells of **apple tree** 067048
Introduction & breeding of **apple trees** in fo- 067245
on growth & nutrient levels of **apple trees** p- 068308
of radiation regime in crown of **apple trees** 068335
Some physiological features of **apple trees** r- 068377
Water system of palmetto-type **apple trees** i- 068381
on water-absorbing capacity of **apple tree** r- 068382
Water & nitrogen metabolism of **apple tree** 068383
On water metabolism of **apple trees** relative 068384
experiment in pruning **apple trees.** 069155
between electric impedance of **apple-tree** tis- 069613
in various organs & parts of **apple trees.** 069939
upon predaceous insects of **apple trees.** 070497
Changes in urease activity in **apple trees** as 072172
of estimation of fertilization of **apple trees** in 072182
Physiological state of Aporta **apples trees** in 068502
Bacterial cancer in **apricot trees.** [Pseudom- 069598
On causes of low water content in **tree buds** 068562
respiration in adaptation of **certain trees** to 068599
amount of moisture in them for **certain tree** 068602
of growing Fraser fir **christmas trees.** [Abies 066262
against cold damage to **citrus trees.** V. Heat- 069827
An approach to problem of **tree classification.** 066256
to study of in vitro cultivation of **coffee tree** 067472
Common trees with ovine perinatal mortality 065414
of light by needles of **coniferous trees** of Far 068537
outlook for breeding nut **tree crops.** 067257
An instrument for measuring **tree crown** wid- 066306
measuring vertical projection of **tree crowns** 066213
of leaf-curl of peach **trees, cultivated** on san- 069561
program for home gardens: **deciduous trees,** 069918
Tree-destroying fungi on Quercus castaneac- 069577
a new agent of beech & fruit **tree diseases.** 069590
of in vitro cultivation of coffee **tree embryos** 067472
of photoperiod on growth of **Empress tree,** 068223
Fir trees in Roznov Forest District. 066129
on lateral growth of **forest trees.** 066084
to recognize frost damage in **forest trees** & 066123
Windthrow. [**Forest trees**]. 066141
Influence of ozone on deciduous **forest tree** 066156
Acidifying & leaching effect of **forest trees** 066162
Prospects for use of heterosis in **forest trees** 066364
Physiology of **forest trees.** 3. Vegetative pro- 066371
progress report of Cooperative **Forest Tree** 066383
related to light intensity. [**Forest trees**]. 066996
Wind-induced root movements in **forest trees.** 068534
annual cycle of development of **forest trees;** 068535
interrelations in phytocenoses. [**Forest trees** 068538
photosynthesis & respiration of **forest tree.** 068553
Interrelationships between **forest trees** & en- 068555
related to light intensity. [**Forest trees**]. 068561
Virus diseases of **forest trees.** 069635
Variations in **tree** & **fruit** growth & fruit qua- 066837
Fruiting problems in **fruit trees.** 1. [Citrus, 068214
Absorption of cadmium in **fruit trees.** 068217
of ascorbic acid in leaves of **fruit trees** with 068378
on pollen viability of **fruit trees.** 068476
New aspects of pruning in **fruit trees.** 068917
On fundamentals of seed culture of **fruit tree** 069066
sp. nova, a new agent of beech & **fruit tree** d- 069590
On affection of **fruit tree** seeds with agents 069591
of specific replant disease of **fruit trees.** III. 069930
two xylophagic Sphenoptera of **fruit trees** in 070463
Over- -row harvester for dwarf **fruit trees.** [071519
Fertilizer proportions for **fruit trees** & bush- 072046
on wind protection equipment for **fruit tree.** 068959
Control of insect & mite pests of **tree fruits** 070514
calculation for crowns of **growing trees.** 066258
Growing tree potato in kitchen garden. 068982
Container-**grown trees** show response to fert- 072202
levels in Bartlett leaves, on **tree growth,** & 068249
potassium] fertilisers on **tree growth,** yield 068974
Contribution to study of **hazel tree.** 068465
of Cooperative Forest **Tree Improvement** P- 066383
Tree increment as related to topoclimate in 066324
invasion by Fomes annosus in **tree-injector** 069511
on woodlands of Poland. [**Trees, insect** pests 070548
studies on Yponomeuta of **trees** in **Iran.** 070898
system of palmetto-type apple **trees irrigated** 068381
nitrogen metabolism of apple **tree leaves** in 068383
Green). I. Distribution on **mango trees.** 070519
An instrument for **measuring tree** crown wid- 066306
basic requirement for **mechanized tree** shap- 069024
A **tree-mounted** LVDT [linear variable diffe- 069053
Survival of **trees** under **natural** thinning in p- 068566
for a better supply of **tree nurseries** with gr- 069015
status & outlook for breeding **nut tree** crops 067257
minerals; implications for **tree nutrition** & s- 068581
of insect & mite pests of **ornamental trees,** 070515
Shredded-leaf disease of **papaya tree.** [Virus 069678
on growth of Empress **tree, Paulownia** tome- 068223
of fruits in water metabolism of **peach trees** 068379
Control methods of leaf-curl of **peach trees,** 069561
combating diseases in grapes & **peach trees** 069765
Arrangement of roots of **pear trees** in relati- 068478
Studies on leaf burn of **pear trees.** IV. Micr- 069826
Ice coat warms up **pear trees.** 069866
redistribution of nitrogen in a **pine tree.** [Pi- 068570
nutrient levels of apple **trees planted** in old 068308
Pruning dates for fruiting **plum trees.** 069143
in cambial zone in several ring-**porous trees.** 066982
Growing **tree potato** in kitchen garden. 068982
Evolutionary classification of **primary trees** 066682
physiological features of apple **trees relative** 068377
On water metabolism of apple **trees relative** 068384
water-absorbing capacity of apple **tree roots** 068382
of seed culture of fruit **tree rootstocks.** 069066
as related to sorbitol levels in **tree sap** & to 068251
Analysis of stress distribution in **sapling tree** 068512
A probability approach to **sawtimber tree**-va- 066309
On affection of fruit **tree seeds** with agents 069591
An evaluation of two **tree shakers** for harves- 071548
Relation between **tree shapes** of mandarin o- 068981
requirement for mechanized **tree shaping.** 069024
Container-grown **trees show** response to fert- 072202
for home gardens: deciduous **trees, shrubs,** p- 069918
Trees & shrubs: weed control in transplants 069979
mite pests of ornamental **trees, shrubs,** & l- 070515
in young artificial stands of **trees & shrubs** 070523
Notes on weevils from **trees & shrubs** in No- 070562
Growth & development of **trees** on a **slag** d- 066380
Trees for **small** garden. 069141
of ozone on deciduous forest **tree species.** 066156
of moisture in them for certain **tree species** 068602

ground cover as related to age of **tree stand** 066842
Dynamics of development of **tree stands** in 066091
Changes in diameter structure of **tree stands** 066199
systems for estimation of **tree taper** & volu- 066193
On comparing shapes of **taxonomic trees.** 066809
wood density in some 36-year-old **teak trees** 066338
variation in cells of apple **tree tissue** culture 067048
electric impedance of apple-**tree tissues** & p- 069613
cadang disease of coconut from **tree** to **tree.** 069624
of stress distribution in sapling **tree trunk.** 068512
its part of trunk volume of **trees** in **uneven-** 066272
approach to sawtimber **tree-value** projections 066309
Forest fire of **windfall trees.** 066095
growth & increment in **trees** of a 50 **years** o- 066198

TREHALOSE
Production of **trehalose** & **polyols** by Ustila- 069436

TRELLIS
tomatoes with a vibrating **trellis system.** 068419

TREMELLACEAE
polysaccharide from **Tremella mesenterica** 067475
polysaccharide from **Tremella mesenterica** w- 067476

TREMULA
SEE POPULUS

TREPONEMATACEAE
a spirochete isolated from pig. [**Treponema**] 065618

TRIALEURODES
whitefly, **Trialeurodes vaporariorum.** [Horti- 070477

TRIATOMINAE
Cytogenetics of **Triatominae:** Caryotype, D- 071010

TRIAZINE
Residual effect of **sym-triazines** on wheat & 070159

TRIBAL
genera Taxus, Torreya; **tribe Cephalotaxeae,** 069133
subtribe Hypochaerinae of **Cichorieae tribe** 066686
A new **tribe megapenthini** tribus n. (Coleop- 071370
a new genus of **tribe Pteronemobiini** (Orpth- 071155
Afro-Malagasy genera of sub-**tribe Scaritina** 071327
on taxonomy of genera of **tribe Sophoreae** 066744

TRIBOLIUM
for two correlated traits in **Tribolium.** [Cast- 070862
for two correlated traits in **Tribolium.** 070863
Divergent two-trait selection in **Tribolium.** 070974
for control of red flour **beetle, Tribolium** cas- 070374
Oryzaephilus, **Tribolium castaneum**[. 070581
on selection limits. [**Tribolium castaneum**]. 070764
Lipid requirements for **Tribolium castaneum** 070880

TRIBULUS
Steroid sapogenins of **Tribulus terrestris.** 067527

TRICHINOSIS
in experimentally **induced trichinosis.** 065819

TRICHLORFON
properties of Dursban, sevin & **trichlorfon.** 070650
Effect of **trichlorfon & dimethoate** on activi- 066064
leaf-gnawing pests. [**Tortricidae, trichlorfon**] 070544

TRICHLOROACETIC
repens in grain fields. I. **Trichloroacetic acid** 070121

TRICHLOROBENZOIC
Individual TBA [**trichlorobenzoic acid**]-react- 063459

TRICHLOROMETHYL
percent **-ethoxy-3-trichloromethyl-**1,2, 4-thi- 069332

TRICHODERMA
Trichoderma for **controlling** root rot. [Fomes 069576
Ultrafiltration of **Trichoderma viride** cellula- 067662
of allyl alcohol in **Trichoderma viride.** 067663

TRICHODORUS
Atok, Benguet. [**Pratylenchus, Trichodorus**] 069871

TRICHOGRAMMA
development of **Trichogramma chilonis** Ish. 070351
resistance of **Trichogramma evanescens** Wes- 070254
Use of **Trichogramma evanescens** in control 070479
in **Trichogramma evanescens** Westwood (H- 071037

TRICHOGRAMMATIDAE
Westwood (**Hymenoptera Trichogrammatid-e**) 071037

TRICHOMONIASIS
Trichomoniasis in West **Bengal.** 065507

TRICHOMYCETES
wall of Smittium culisetae (**Trichomycetes**). 067707

TRICHOPHYTON
SEE MONILIACEAE

TRICHOPHYTOSIS
Immunity in **trichophytosis** of **cattle.** 065856
control of **trichophytosis** in **rearing** foxes. 065566

TRICHOPLUSIA
nuclear polyhedrosis virus. [**Trichoplusia ni**] 070936

TRICHOPTERA
from Bulgaria (**Trichoptera, Hydroptilidae**) 071165
McLachlan (**Trichoptera, Hydroptilidae**). 071268
Gmel.) (**Trichoptera, Limnephilidae**). 070765

TRICHOSTRONGYLOSIS
Trichostrongylosis & wool growth. I. Feed d- 064307

TRICHOSTRONGYLUS
against larvae of **Trichostrongylus axei** & O- 065525
sheep. [**Trichostrongylus colubriformis**]. 064307
cocortus & **Trichostrongylus colubriformis** & 065691
Trichostrongyle infections of cattle in Swed- 065590

TRICHOTHECIUM
SEE MONILIACEAE

TRIETHYL
by extraction with **triethylene glycol.** 064067
correct doses of **triethylene phosphoramide.** 070447

TRIFLURALIN
of wild oats in rapeseed with **trifluralin.** [Av- 070106
Effect of **herbicide, Trifluralin,** on Rhizocton- 069504

TRIFOLIUM
SEE LEGUMINOSAE

TRIGLYCERIDE
autoxidation of **triglycerides & chlorophylls** 063474
Triglyceride composition of Australian butt- 063484
stability of some **diacyl triglycerides.** [Oils, 063478
Taxonomic patterns in **triglyceride structure** 063341

TRIGONA
of stingless bees, **Trigona mexicana** & Trigo- 070923

TRIIODOBENZOIC
arietinum L.) by 2,3,5-**triiodobenzoic acid.** [068315

TRIMETHOPRIM
experiences with **Trimethoprim-Sulfadiazin** 065307

TRIMETHYL
chloroethyl) **trimethyl-ammonium** chloride 068103

TRIMETHYLAMMONIUM
chloroethyl) **trimethylammonium chloride** r- 063036
chloroethyl) **trimethylammonium chloride** in 067979
chloroethyl)-**trimethylammonium chloride** & 068086
chloroethyl) **trimethylammonium chloride** on 068087
chloroethyl) **trimethylammonium chloride**] 068133
chloroethyl)**trimethylammonium chloride** by 068195
chloroethyl-**trimethylammonium chloride**] 068209
chloroethyl)**trimethylammonium chloride** on 068503

TRIOZA
complex of citrus psylla **Trioza erytreae** (Del 070842

TRIPHENYLTIN
Effect of **triphenyltin acetate** on fecundity & 070243

TRIPHOSPHATASE
bound adenosine **triphosphatase activities** of 068112
between ATPase [**Adenoside triphosphatase** 067924
mitochondrial **adenosine triphosphatase.** 064423
tonoplast **adenosine triphosphatases** in ion 068033
ATPase [**adenosine triphosphatase**] activity 068279
Activity of **adenosine triphosphatase** & acid 068341
on activity of **adenosine triphosphatase** in m- 068348
ATPase [**adenosine triphosphatase**] activity 068482

TRIPHOSPHATE
dependent **adenosine triphosphate** pyrophos- 067711
Effects of ATP [**adenosine triphosphate**] an- 070805
I. Respiration & **adenosine triphosphate** lev- 071407

TRIPLETS
Participation of **triplet state** in photooxidat- 067558

TRIPLOIDS
Role of **triploids** in **Amaryllis** hybridization 067330
Meiosis in **triploid Solanum** tuberosum L. [066975

TRIS
SEE TROMETHAMINE

TRISOME
of eight disomics & **trisomics of aspergillus** 067290

TRITERPENES
Minor **triterpene components** from Quercus 068579
Triterpene glycosides of Gypsophilla trichot- 067500
Triterpene glycosides of Gleditschia triacan- 067521
Triterpene glycosides of Ladyginia bucharica 067524
A **triterpene oligoside,** hederacolchiside E, f- 067523

TRITICALE
Teratological stamens in flowers of **Triticale** 066962
a possible cause of asynapsis in **Triticale.** 067085
of Triticum aestivum L. with **Triticale** (2n= 067144
Actual problems of **Triticale breeding** meth- 067336
hull & corn roughage **pellets, Triticale** & er- 064783

TRITICUM
mutation process of spring wheat (**Triticum** 067182
genotype of some **Triticum aestivum** "agent" 067109
in bread wheat, **Triticum aestivum** L. 067130
obtained in crosses of **Triticum aestivum** L. 067144
interspecific hybrids **Triticum aestivum** X Tr- 067163
mutations induced in **Triticum aestivum** [W- 067192
glume pubescence wheat (**Triticum aestivum** 067268
distribution & seedset on **Triticum aestivum** 067963
phases of development of **Triticum aestivum** 067974
genotype of some **Triticum aestivum** "agent" 069303
glume pubescence wheat (**Triticum aestivum** 069345
losses in yield of wheat (**Triticum aestivum** 069346
recondita f. sp. tritici: **Triticum aestivum** 'B- 069481
losses in yield of wheat (**Triticum aestivum** 070336
dwarf "UP 301" wheat (**Triticum aestivum** 072075
Response of dwarf wheat (**Triticum aestivum** 072105

TRITIUM
associated with use of **tritiated polyethylene** 064416

TROGODERMA
on metamorphosis of **beetles Trogoderma** gr- 070774
trogodermae infecting **Trogoderma glabrum** 070935
by three lasers on two **Trogoderma species** 070574
by three lasers on two **Trogoderma species** 070788

TROMETHAMINE
THP [**tris** (hydroxymethyl)phosphine]-amide 063195

TROPICAL
Market crops on peat in **tropical countries.** 068995
feeding planes in a **tropical environment.** 064880
with herbicides in small scale **tropical farm** 070010
Weed control in small-scale **tropical farming** 069954
Common diseases of **tropical foliage** plants. 069791
Tropical forest odyssey Tom Gill's diary, 19 066093
Tropical fruit beverage bases. [Guavas, pine- 063930
concentration in two **tropical grasses.** [Setar- 067937
Growing tropical root & tuber crops. 066716
of particleboards from six **tropical harwoods** 066451
apple growing in **tropical Indonesia.** 069005
Manganese] & Cu [copper] in **tropical leaf** 068313
a new species of **neotropical longicorns** (Col- 071315
for various parasites of **tropical mushrooms.** 069328
Soil-plant nutrition studies on **tropical rice.** 068156
of electrical conductivity of **tropical soils** of 071783
of cattle in **tropical & subtropical** zones. 064483
improve nodulation of **tropical & subtropical** 071744
of gamma-BHC at **tropical temperature.** [Ri- 070373

TROPICS
cattle production & management in **tropics.** 065002
Rodent control in **tropics.** 069804
Weed control experiments in **Tropics.** 070099
for pesticide application in **tropics.** 070727
of spraying equipment in **tropics.** 071653
on soil fertility & fertilizatin in **Tropics.** 071986
Population genetics in **American tropics.** VI- 070866
An illustrated catalog of **neotropic Arctiinae** 071339
two Bos taurus breeds in **tropics** of **Intia &** 065011

TROTTER
of Nordland horse & **Norwegian trotter.** 064461

TROUT
SEE FISH

TRUCKS
Economic use of **agricultural trucks.** 071534
of routing & scheduling **company trucks.** [F- 062696
Point of view of a **truck gardner:** mechaniza- 071656
Log truck weighing systems. 066515
Planning of **truck runs.** 071589
Tank trucks for milk transportation. 071638

TRUNK
Tea scale control with **trunk applications** of 070415
angle & fiber length in **trunk** of **Buna** wood. 068554
their variation in a **trunk** of **Todo-matsu** (Ab- 066981
of stress distribution in sapling **tree trunk.** 068512
Bark thickness & its part of **trunk volume** of 066272
middle & outer part of **trunk** of 32 **woods** of 069544

TRYPANOSOMA
trials of **Trypanosoma** of **congolense** group. 065625
body X-irradiation on **Trypanosoma cruzi** in- 065894
transmission of **Trypanosoma evansi** in cat 065504
infections. [Cattle, **Kenya, Trypanosoma**]. 065881
potential vector of **Trypanosoma rotatorium.** 070616

TRYPANOSOMES
Hosts & **trypanosome infection** rates of Glo- 070659

TRYPANOSOMIASIS
South Nyanza, Kenya. [**Trypanosomiasis**]. 065882
Trypanosomiasis in **domestic** livestock in L- 065880

TRYPETIDAE
SEE TEPHRITIDAE

TRYPODENDRON
brood emergence in **Trypodendron lineatum** 070860

TRYPORYZA
nivella (Fab.) in genus **Tryporyza Common** 071291

TRYPSIN
warming chloroplasts & action of **trypsin.** 067868
of hen's ovum by a **trypsin**-like **acrosomal** e- 065025
a conformational change of **bovine trypsin** by 064420
insects. III. Inhibition of **trypsin** by **honey** 070791
of alphas-casein by **immobilized trypsin.** [F- 063389
Trypsin inhibition of electron transport. [Ch- 068264
Heat inactivation of **trypsin inhibitor,** lipox- 063755

TRYPTOPHAN
Some characteristics of **tryptophan uptake** in 067629

TSETSE
components of flight muscle in **adult tsetse** f- 070920
on feeding & water excretion by **tsetse fly,** 070922
of different animal baits, a **tsetse trap,** & a f- 070660

TSUGA
SEE PINACEAE

TUBE
Usability of detection **tubes** Co_2-type 1. 071505
Calcification in insects: **dwelling-tube** & mid- 070927
stimulation of pollen-**tube elongation** in dou- 068584
Evaluation of **florisil tubes** in detection of af- 063752
rays stimulation of pollen **tube growth** of Pi- 068514
Research into **tubal pig** eggs fertilised in vit- 064951
in Tradescantia [paludosa] **pollen tubes** & s- 067314

TUBER
increased amounts of dry matter in **tubers.** 067241
Growing tropical root & **tuber crops.** 066716
growth in potato tubers. I. **Defferent tuber** 066922
Potato spindle **tuber disease** produced by pa- 069712
of residues in potato **tubers following** soil a- 070460
of temperature on bulb & **tuber formation** in 068400
by example of lohlrabi **tuber growth.** 067084
of Solanum tuberosum L. **tubers & oxygen** c- 068295
Effect of number of **planted tubers** of potato- 069172
formation in bulbous & **tuberous plants.** I. 068400
of solutes & slouching of **potato tuber** tissue 063874
MH) on hexose content of **potato tubers.** 063987
Parenchyma cell growth in **potato tubers.** I. 066922
Parenchyma cell growth in **potato tubers.** II 066923
early detection of irradiated **potato tubers.** I 068349
acid synthesis in **potato tuber** tissue by cutt- 068456
Reducing sugar content of **potato tubers:** eff- 069080
scabies) on young **potato tubers.** 069581
from gamma-irradiated **potato tubers.** 069661
accumulation of residues in **potato tubers** fol- 070460
in potato tubers. I. Defferent **tuber regions.** 066922
constituents of cassava **root-tuber** (Manihot 068392
Potato **spindle tuber** disease produced by pa- 069712
of solutes & slouching of potato **tuber tissue** 063874
in carbohydrate constituents of **yam tuber** 068393

TUBERCULINS
PPD [purified protein derivative] **tuberculin** 065408
Specificity of **tuberculin reaction** in cattle w- 065889
differentiation of **tuberculin tests.** [Cattle]. 065811

TUBERCULOSIS
of prophylaxis & eradication of **tuberculosis.** 065489
Results of studying swine with **tuberculosis.** 065815
maintaining & spreading **avian tuberculosis.** 065688
of allergic diagnosis of **bovine tuberculosis** in 065672
Cattle tuberculosis: Diagnosis by Mantoux's 065430
resistant mycobacteria.[**Cattle, tuberculosis**] 065490
of leukemia & **tuberculosis** in **cattle.** 065574
diagnosis of **tuberculosis & differentiation** of 065811
from milk of **Mycobacterium tuberculosis.** 063207
Incidence of **tuberculosis** in **pigs.** 065493

TUBERIZATION
Physiology of **tuberization.** 067781
Preservation, tuberization & sprouting in t- 068294
Studies on **tuberization** in **Solanum** andigena 068413

TUBULES
pigs due to Miescher's **tubules** in **Bialystok** 065564

TULAREMIA
natural focus of **tularemia** on **floodplain** of c- 070653

TULIP
Tulip allergens in Alstroemeria & some other 066771
U-type exchange in **tulip meiosis.** [Tulipa h- 067099
when applied to narcissus & **tulip pre** & post 069975

TULIPAE
exchange in tulip meiosis. [**Tulipa hageri**]. 067099

TUMOR
correlates of a metastatic **brain tumor** in a 065905
tobacco plant from a false **broomrape tumor** 068106
Incidence of leukemia & **tumors** in **cattle** as 065366
of avian lymphoid **tumor cells.** 065668
regime of bacterai-free crown **gall tumour** & 066976
development of a **genetic tumour** of pea. 067027
Tumors of **genital** organs in domestic anima- 065940
Radiation-**induced tumorous** outgrowths in 067798
morphology of **tumors** & **neoplastic** cells in- 065644
Tumorous pigeon & canary pox. 065900
of proteins in normal & **tumour plant** tissue 067692

TUNDRA
herbaceous communities in **forest tundra.** 066840
plant communities of **Taimir Tundra.** 066870
mosquitoes in zone of **transpolar tundra.** 070626

TUNNELING
Tunnel covers & mulches for muskmelon pr- 068956
"large-format" **plastic tunnels.** [Horticulture 069132
Ventilating continuous **polythene tunnels** for 068978

TURBIDIMETRIC
Turbidimetric assay of staphylococcal nucle- 063296

TURBIDITY
Simuliidae) during a **hightened turbidity** of 070948

TURBINELLA
SEE MOLLUSKS

TURF
Weed control in **turf.** 070179
Effects of herbicides on **turfgrass ecosystem** 070144
Guide to **turfgrass pest** control. 069766
growth rate of cool-**season turfgrasses.** 068219
Tolerance of some **turfgrass species** to differ- 067933

TURKEY
requirements of chickens & **turkeys.** 064647
Lepidoptera, Gelechiidae) from **Turkey.** 071124
Termites of **Turkey.** 071167
Saltatoria, Rhaphidophoridae). [**Turkey**]. 071168
A study of migrants in **Ankara, Turkey.** 062216
Subcutaneous bacteria in **turkey carcasses.** 063030
From **Christmas turkey** to everyday turkey. 064196
agent in embryonating **turkey eggs** & cell cu- 065390
on blood serum of **hens, turkeys** & pigeons a- 065694
of antigen spectrum of **turkey herpes** & Ma- 065434
Plaque assay of **turkey herpesvirus** & attenu- 065901
Turkey tips. 064116
Soils of Kucuk Menderes **Valley, Turkey.** 071955

TURNIPS
by plant mitochondria. [**Turnips**]. 068266
on varieties of swedes & **turnips.** [Rutabagas 070476
viruses. [Lettuce, **turnips, cauliflower**]. 069611
New variety of **forage turnip** "Akane-Kabu" 067367
Turnip mosaic virus isolated from rhubarb p- 069633
Turnip mosaic virus on annual stock in Arg- 069692
Comparison of **seed turnips,** seed rutabagas, 069081

TURPENTINE
for application of stimulants in **turpentining** 066536

TURTLES
Harvest & regrowth of **turtle grass** (Thalass- 068184

TUSSILAGO
in northern Sweden. [**Tussilago farfara**]. 070212

TUTORIAL
SEE TEACHING

TWIGS
Contributions to study of peach **twig borer** 070895

TWINS
Productivity of ewes born singly or as **twins** 065075
hygienic examinations on **twin calving.** 064930
of skin in 18-months' old **twin heifers.** 065092
Plant populations for **twin-row** cotton. 068770

TYDEIDAE
Genus Tydeus (**Acariformes, Tydeidae**) in m- 071365
Pronematus Canestrini (**Acarina, Tydeidae**) 071255
new species of mites from **family Tydeidae** 071367

TYDEUS
Genus Tydeus (Acariformes, Tydeidae) in m- 071365

TYPHA
Cav.) Trin. et Stend., **Typha angustifolia** L., 067846

TYPHLOCYBINAE
pest Thaia oryzivora Ghauri (**Typhlocybinae** 070371
Cicadellidae, Typhlocybinae). 071115

TYROSINE
Peroxidase mediated oxidation of **tyrosine:** 063339
Catabolic ring-cleavage of **tyrosine** in **plant** 067779

UBIQUINONE
c549. B553. B557 & **ubiquinone** in **mung** be- 068265

UDDERS
for maintaining health conditions of **udders.** 065239
Assessing udder shape according to new sta- 064218
physiological features of **cow udders** of Leb- 064547
in newly-calved cows with **diseased udders.** 066055
Effect of **udder diseases** on production & qu- 066126
in milk as well as for use of **udder health.** [063574
an additional pathway for **udder infections.** 065610
VII. Body band size **udder measurements** in 064176
An abattoir survey of **udder pathogens** from 065615
of milk, as well as in **udder sanitation** servi- 063575

UHT
SEE TEMPERATURE

ULMUS
Dutch elm disease. [**Ulmus, Ceratocystis** ul- 069508
kirschi Scal. on **Ulmus pinnatoramosa.** 070547

ULTRAFILTRATION
SEE FILTRATION

ULTRASONICS
coli antigen de-integrated by **ultrasonics.** [V- 065675
Ultrasonic emulsification of petkolin. I. Pure 070715
Results of **ultrasonic live**-animal appraisal w- 064516
fat thickness from **ultrasonic measures** on li- 064211

ULTRASTRUCTURE
Ultrastructure of **conidiogenesis** in Drechsle- 066957
ultrastructure of a **cytoplasmically** inherited 067087
epiderms: **Ultrastructural differentiation** of 066927
output, histology & **ultrastructure** of **dog** ad- 066048
Nucleolar & nuclear **envelope ultrastructure** 066991
Ultrastructure of **epihyphal** rhizoids in All- 066977
Ultrastructure investigations of Angiosperm- 066915
On **ultrastructure** of **midgut** epithelia of fleas 071016
An **ultrastructural** & **Nomarski**-interference 066954
Ultrastructural organization of chloroplast 066989
Ultrastructure of **plasmalemma**-bodies in M- 067029
Ultrastructure of **root** mitochondria under c- 067045
Ultrastructure of **shell** forming region of ovi- 064477
Ultrastructure of **specific** granules of intesti- 064255
Apis mellifica). 3. **Ultrastructural study** of 071410

ULTRAVIOLET
of pathogenicity of UV [**ultraviolet**] radiati- 069352
altered by near-**ultraviolet** & **intensity** of vis- 068111
Ultraviolet irradiation of components of wh- 067910
induced by **ultraviolet irradiation.** [Phytoph- 069497
of RNA induced by **ultraviolet irradiation** of 069651
Ultraviolet patterns on rear of flowers: basis 068407
Effect of **ultraviolet ray** irradiation of paren- 067384
A model for **ultraviolet rays** stimulation of 068514
Pieridae) aided by **ultraviolet reflectance** ph- 071205
Ultraviolet sterilization of biological contai- 065042

UMBELLIFERAE
of andromonoecy in **coriander, Coriandrum** 066974
badkhysin & isobadkhysin. [**Ferula oopoda**] 067497
a new sesquiterpene lactone. [**Ferula oopoda** 067498
multiple embryos in **Coriandrum sativum** L. 067276
pennywort (**Hydrocotyle sibthorpioides**) in 070220

UNCROPPED
SEE CROPS

UNDERDRAINAGE
SEE DRAINAGE

UNDULATION
Local interruption of **undulation** in **contact-** 064499

UNEMPLOYMENT
SEE EMPLOYMENT

UNICELLULAR
SEE CELLS

UNICOLOR
SEE COLOR

UNIFORMITY
Uniformity of **motion** of plow body on an el- 071692

UNILATERAL
of Finn-Dorset sheep **following unilateral** ov- 065032

UNIRRIGATED
SEE IRRIGATION

UNITS
Study of **combined units** for harvesting vege- 071673
Accounting, balance & **unit cost** accounting 066182
to reproduction of cow stocks in **dairy units** 065116
hoof damages when starting new **dairy units** 066046
Highlands Research **Unit Ethrel** trials: prel- 069216
Mobility **Facilitator Units** for migrants. 062210
on wear & service life of **functional units** of 071531
production of specialized **industrial units** of 062311
Kettle Moraine State Forest, **northern unit** 066166
Genetic evidence for a **polycistronic unit** of 067149
introduction of specialised **production units.** 062348
case of intensive livestock **productions units.** 062426
Toward a **unit** for **promotion** & selection of 064974
A **proteolytic unit** for chymosin (rennin) act- 063521
predecessors in a crop **rotating unit** on light 068888
catch crop culture in crop **rotation unit.** 068894
of light soils & yields of crop **rotation unit.** 068895
crop yields in a crop **rotation unit.** 068896
Subunit structure of horse spleen apoferritin 064314

UNMALTED
SEE MALT

UNSAPONIFIABLE
SEE SAPONIFICATION

UPKEEP
SEE MAINTENANCE

UPLANDS
of spider fauna of Estonian **upland bogs.** 071422
Development of a set of **upland cotton** lines 067115
of Gossypium hirsutum L. [**Upland cotton**]. 067961
Development of a set of **upland cotton** lines 069305
stress on two varieties of **upland cotton** in I- 067976
soddy-podzolic eroded soils of **hilly upland** of 068757
Studies on utilization of **upland seedling** as 070388

URACIL
Pool control of **uracil uptake** by synchronous 067761

URBAN
Process of choice used by **Alabama urban** h- 062615
migration reports, rural-**urban migrants.** I. 1 062224
On **urban milk** supply in developing countri- 062789
water resource planning for **urban needs.** L 072435
Intertemporally **optimal urban** pollution. 072583
education in a total **urban situation**--New O- 062144

URBANIZATION
farming following expansion of **urbanization** 072438

UREA
acetamide, urea + acetyl urea or **urea** + ac- 064631
with dried lucerne, fishmeal or **urea.** 064651
More fodder with **urea.** 072050
or mixtures of urea + **acetamide, urea** + a- 064631
Acetyl **urea, acetamide** & mixtures of these 064637
of urea + acetamide, urea + **acetyl urea** or 064631
Acetyl urea, acetamide & mixtures of these 064637
Changes in **urease activity** in apple trees as 072172
Importance of **urea added** to ensilage maize 064860
Factors **affecting urea** hydrolysis in several 071866
applying top dressing of **urea** & **ammonium** 072222
apple trees as related to **urea applications.** 072172
Urea in **blood** & ammonia in rumen during f- 064920
Influence of **urea** on **crystallization** & poly- 064367
Study on nutritive value of **urea** for **dairy** c- 064803
Antiviral effect of thiourea & **urea derivativ-s** 065896
tetrafluorethoxyphenyl-N,N-**dimethyl urea)** 070004
Effect of **exogenus urea** on amylolytic & pro- 067786
Effect of addition of **urea** to **feed** ration with 064921
concentrations after **urea fertilization.** [Neo- 070533
HOE 2991, a new selective **urea herbicide.** 070003
Factors affecting **urea hydrolysis** in several 071866
A note on foliar application of **urea** to **jowar** 072091
on lactating ruminants using **labelled urea.** 2 064632
amino acids of steers fed soybean **meal, urea** 064742
synthesis of proteins from **urea** or **mixtures** 064631
Comparison of biuret & **urea** in **molasses** as 064853
Urea of **mold** fungus Aspergillus oryzae. 067714
carbamyl transferase & blood **plasma urea** of 064924
HOE 2991, a new **selective urea** herbicide. 070003
finishing systems involving corn **silage, urea,** 064824
inhibitor, lipoxygenase & **urease** in **soybeans** 063755
Urea spray boosts linseed yield. 071971
Urea supplements in cattle feed ration. 064895
of feeding high doses of **urea** on **tissue** & pla- 063596

UREDINALES
terminology of spore states in **Uredinales.** 067006
Uredinales, Cronartia- 070558

UREDO
Fuchsia rust. [Pucciniastrum **epilobii, Uredo** 069321

UREDOSPORES
Germinating uredospores of Puccinia gramin- 069414

URETER
II. Pathological changes in **kidney, ureter,** 065578

URETHANE
New castor oil-based **urethane elastomers.** 063382

URIC
Peripheral blood picture, **uric acid** & some e- 065887
Relationship of larval density to **uric acid** c- 070312

URIDINE
LvI. Regulation of **uridine diphosphate** N-ac- 064328
utilization of **uridine** during **growth** of Acer 068546

URINE
A receptacle for livestock manure & **urine.** 071479
Formation of siliceous **urinary calculi** in cal- 064660
of excretion of estrogen in **urine** of **dairy** hei- 065018
Bacterial count in **dog urine** obtained by pu- 065607
faecal nitrogen & **endogenous urinary** nitrog- 064247
for separation of faeces & **urine** in **nitrogen-** 064303
Urinary oestrogen determinations in dog du- 065184
Inflammation of **urinary tract** in rams due to 065946

UROLITHIASIS
of urinary tract in rams due to **urolithiasis.** 065946

URONIC
Uronic acids of polysaccharides of grape mu- 063999

USTILAGINALES
of evolution & phylogeny of **Ustilaginales.** 066715

USTILAGO
wheat & covered smut of barley. [**Ustilago**]. 066069
Cereals, Tilletia **foetida, Ustilago** kolleri, U- 069279
smut of Caryophyllaceae: **Ustilago gausseni** 066813
attack on barleys. [Ustilago **nigra, Ustilago** 069415
of trehalose & polyols by **Ustilago nuda** in 069436
with loose smut pathogen. [**Ustilago tritici**] 069355

UTERUS
E2 in regulation of contraction of **uterus.** I. 065211
complicated by torsion & rupture of **uterus.** 065353
on puerperal **bovine uterus.** 065355
phosphorus metabolism in **cow uterus** during 064541
Intra uterine nutrition. 064692
pig foetuses in last third of **intrauterine life** 064349
changes in **uterus** with **metrorrhagia.** [Cattle 066001
Intrauterine migration of pig embryos in lit- 064964
Uterine prolapse in a mare. 065910
Effects of a **uterine thread** on oviposition & 064290

VACCINATION
in different groups, **vaccinated against** bovine 065409
of simultaneous **vaccination against** epizootic 065687
of birds **vaccinated against** Newcastle disease 065741
Problems of **vaccination against** infectious b- 065825
Protective effect of **vaccination** & **antibody** 065435
Antigenic vaccination of calves with measles 065872
test for anaplasmosis in **cattle vaccinated** wi- 065616
Possibilities of **combined vaccination** of min- 065693
Vaccination for **fowl** paralysis (Marek's dis- 065461
Vaccination for **Marek's** disease (fowl paral- 065462
disease after **vaccination** with **Newcastle** dis- 065712
in organs after **vaccination** with B-8 **strain** of 065807

VACCINES
pigs injected with a lapinized "K" **vaccine.** 065747
with B-8 strain of Brucella **abortus vaccine.** 065807
dextran as an adjuvant in **vaccines against** f- 065377
Studies on **vaccines against** bovine ephemeral 065412
Comparison of two **vaccines against** Brucella 065500
Study on associated **vaccines against** hog ch- 065734
TVM--1-**vaccine against** hog cholera. 065824
Study on **associated vaccines** against hog ch- 065734
disease & infectious **bronchitis vaccines.** 065435
together with infectious **bronchitis vaccine.** 065712
properties of **vaccines** from **Brucella** abortus 065685
bronchitis inactivated **combined vaccine.** [Ch- 065537
Comparative study of **vaccines** for **control** of 065788
Marek's **disease vaccines** & their application 065640
Studies on foot-and-mouth **disease vaccines** 065698
vaccination with Newcastle **disease vaccine** 065712
peripneumonia] **vaccine** to be used in **field** w- 065621
with Newcastle disease **vaccine given** alone 065712
of pigs with **vaccines** from **inactivated** Aujes- 065898
injected with **lapinized vaccine** strain K & a 065737
Results from use of **live vaccine** MK-25 aga- 065736
immunoprophylaxis with **purified vaccines.** 065746
sheep to use of inactivated **rabies vaccine.** 065897
New **vaccine** is **said** to reduce calf scours by 065459
injected with lapinized **vaccine strain** K & a 065737
TVM--1-vaccine against hog cholera. 065824
Action of swine fever live **virus vaccine** of " 065580

VACUOLE
vesiculation or **vacuolation** of **acrosome?** 065024
Aleurone vacuoles & spherosomes in endosp- 067828

VACUUM
Stabilization of **vacuum** in **milking** machines 065239

VAGINA
of recurrent prolapse of **vagina** in **cattle.** 065255
of secretory elements of **cow vagina.** 064540
An **intravaginal method** for recovery & trans- 064963
Electrical conductivity of **vaginal mucous** m- 064584
Agropyron elongatum, **Paspalum vaginatum,** 072301
of IBiR-IPV virus in **vaginal secretion** of c- 065696

VAGUS
Electrical excitation of nuclei of **vagus nerve** 064269

VALENCE
III. Influence of **monovalent ions** & osmotic 070910

VALERIANA
application to stands of **Valeriana officinalis** 070156

VALLEY
domestic livestock in Lambwe **Valley area** & 065880
under un-irrigated conditions in **valley areas** 068613
A sequence of soils in middle **Awash valley,** 071912
Flood rains & erosion in **Bega Valley** -1971 072291
southern part of Hungarian **Danube Valley.** 072247
phycomycetes on Ross Island & **dry valleys** 066735
of soils in middle Awash **valley, Ethiopia.** 071912
Manganese status of some **Fraser Valley** soi- 071763
on barley crop in Kulu **Valley, Himachal** Pr- 070346
Taphrina deformans in Kulu **Valley, India.** 069526
of pine pest Gilipinia pallida in **Jaun Valley** 070524
by Taphrina deformans in **Kulu Valley,** India 069526
in weed control in maize in **Kulu Valley.** 070146
Takahashi on barley crop in **Kulu Valley,** H- 070346
in domestic livestock in **Lambwe Valley** area 065880
dried blood from cattle in **Lambwe Valley,** 065882
antibodies, ccarried out in **Lambwe Valley.** 065883
of glossina pallidipes in **Lambwe Valley.** 070661
Soils of Kucuk **Menderes Valley,** Turkey. 071955
performance in Arkansas **River Valley,** 1968 068953
Glossina pallidipes in Lambwe & **Roo valleys.** 070659
of lateral shoots at Kasel (**Valley** of **Ruwer**). 069195
Fertilising passion fruit in **Sigatoka Valley.** 072037
Manganese status of some Fraser **Valley soi-s.** 071763
Water control systems of **Tehuacan Valley.** 072451
on Sonnberg, Sellrain Upper **Valley, Tirol.** 066907
Soils of Kucuk Menderes **Valley, Turkey.** 071955
studies on Sonnberg, Sellrain **Upper Valley,** 066907

VALUATION
On structural **aesthetic-valuation** of landsca- 072494
On **economic valuation** of efficiency of pure 062584
German Democratic Republic **feed valuation** 064054

VANADIUM
molybdenum & **vanadium** during **germination.** 068327

VANILLIN
Vanillin derivatives from a copper peat. 071761

VAPOR
Toxicity of **acetaldehyde vapors** to postharv- 069486
Local water-**vapor transfer** coefficient on ho- 067625
Water-**vapor transfer** by forced-convection f- 067626

VARIA
carbamate insecticides in **Aeneolzmia varia** 070406

VARIANCE
Persistence of **variances** for **stochastic,** discr- 066297

VARIATION
Variation of **ascorbic** acid & beta-carotene c- 064012
Genetics of **variation** in **Botryotinia** squamo- 067315
Lamour.): **Variations** during **cap** morphogens- 067031
activity, genome & **chromosome variation** in 067048
Clonal variation of resistance to gall midges 070542
studying effect of **variations** in **consistence** of 064630
Variation of **content** of phosphorus, calcium 068187
Variations during **day** in concentrations of f- 064623
Effect of age on **density variation** within one 066980
A cause of **variation** in **distribution** of infest- 070322
Diurnal variations in photosynthetic produc- 068454
Enzymatic variation in pathogenic strains of 069348
Variations in **enzyme** samples of protonema, 067436
in subtropical grasses: iI. **Genetic variation** 064598
Geographic variation in resistance to white 070529
Distribution & **variation** of some **Gesneriads** 066699
Variations of **haemoglobin** polymorphism in 064396
Study on **hereditary variation** of plasma est- 069800
A regularity of **individual variation** of quanti- 066997
Variation among **isolates** of Macrophomina 069467
Variation in **leaf**-nitrogen concentration in 067937
Variations in some **leaf** sheath characters in 070350
Effect of **variation** in **liveweight** of sows at 065194
Variations of **longitudinal** electrical resistan- 067654
Variations in **mineral** elements content of al- 067897
Contents, distribution & **variation** of **mobile** 071841
Variation of **protein** content in stabilized in- 067142

Variation in **protein** content of field peas. 068300
Cytonuclear **ratio variations** in epidermis cel- 067050
Variations of **ryegrass** cobalt content. Invest- 067900
Seasonal variation of some phytocoenoses fr- 066904
paludosa] pollen tubes & **seasonal variation** 067314
Variation in **soil** water & soil air contents a- 071850
Influence of **temperature variations** on stori- 070254
Variation in **top** form quotients of coniferous 066203
Variations in **tree** & fruit growth & fruit qua- 066837
on one tracheid, & their **variation** in a **trunk** 066981
Variation in **wild** populations of Papaver du- 067167
Variation in **wild** populations of Papaver du- 067168
A note on **variation** in **wood** density in some 066338

VARIEGATED

Ecology of **variegated grasshopper,** Zonocer- 070825

VARIETIES

Non-lodging, an important trait of a **variety.** 068034
On a new **variety** "inaba-wase" of rice plant 068842
Vanguard barley. [**Varieties**]. 068882
of certified seed potatoes by **varieties** 1971- 068941
"eden" peach. [**Varieties**]. 069048
"brighton" peach. [**Varieties**]. 069049
Onion Pusa Ratnar yields high. [**Varieties**] 069071
Plants for window boxes. [**Varieties**]. 069095
Flowers by design. [**Varieties**]. 069102
differential reactions of nine **varieties.** [Lep- 069283
Evalutaion of sorghum **varieties according** to 067389
Performance of linseed **varieties against** Fus- 069357
performance of wheat **varieties against** them 069359
Creation of new **varieties** of **alfalfa** in USSR 067304
Alfalfa variety testing. 068641
A new **variety** of **aloe** [krapohliana] from N- 066721
richness in vitamin C of four **apple varieties** 063240
Characteristics of **apple variety:** "Egri Piros 069000
Summer & early fall **apple varieties.** 069001
Apple variety evaluation--a never ending cha- 069002
Apple variety Mutsu--its advantages & disa- 069098
New **variety** of **apple** from Balsgard. 069156
frost during flowering on **apple varieties** at 069799
Estimation of loss in T-21 **variety** of **arhar** 070347
malting with new brewing **barley varieties.** 063309
of grain & malt of winter **barley varieties** in 063689
of Estonian winter **barley varieties.** 068619
seeding rates on yield of **barley varieties.** 068728
Beacon & Nordic: **barley varieties** for North 068775
Growing spring **barley varieties** designed for 068787
Performance of **barley varieties** to rusts. [P- 069370
Reaction of **bean varieties** Phaseolus vulgaris 069736
diethylsulphate on some **varieties** of **beans.** 068492
harvesting date for late **varieties** of **beans** th- 069100
sugar accumulation in sugar **beet varieties.** 067952
dates for winter wheat **variety Bezostaia** 1 068845
qualities of some **varieties** of a three-**breed** c- 065191
Results & objectives of **breeding varieties** of 067247
Broomcorn variety testing, 1972. 068642
New **Bulgarian varieties** of grapes in Molda- 069144
Spring **cabbage variety** trials in West Corn- 068972
Varieties of **cabbage** plants. 069027
Co. 6812-A new **cane variety** for Western U- 068737
contents of **varieties** of **cashewnut** (Anacard- 068387
of high-yielding **cereal varieties** of efficient 068670
Cereal variety recommendations for 1973. 068830
for determination of sour **cherry varieties** for 069164
fatua] species & **varieties** for **chlorfenprop-** 070129
Grass & **clover varieties.** 068778
analysis applied in **variety collection** on ove- 067061
within sweet sorghum **variety collection.** 067062
Fatty acids in wheat **varieties consumed** in 063761
of AC-134 & other **varieties** of **cotton.** II. P- 063750
wilt causal agent on **cotton varieties** showing 069403
wilt resistance levels of **cotton varieties** & an 069404
Hill Section **cotton variety** tests. 068767
for three traits in two **variety crosses** of corn 067106
planting in Holland. [Fruit **culture, varieties** 069157
crops & clone selection of **varieties culum** & 064555
characteristics of black **currant varieties** un- 068338
sativa L.) related to **variety & cutting.** 067897
Growing spring barley **varieties designed** for 068787
on quality of flour from **different varieties** of 063691
drop in winter wheat **varieties different** by f- 067987
chemical composition of **different varieties** of 068027
Disappearing varieties. [Camellia]. 068929
of pea: Behaviour of pea **varieties entered** in 069236
on plant type in peanut **varieties, etal** groups 067948
Soybean **variety evaluation.** 068769
Apple **variety evaluation**--a never ending cha- 069002
Comparison of **varieties, fallow** methods, & 068646
of self-incompatibility in a **few varieties** of e- 067145
Comparative tests of **flax varieties:** results of 068672
New **variety** of **forage** turnip "Akane-Kabu" 067367
pedigrees of small **grain varieties** for compu- 067132
Popularity of new **grain variety** spreads rap- 068684
Kentucky small **grain variety** trials: 1972. [068751
Nebraska spring small **grain variety** tests, 1 068782
Breeding **grape varieties** for increase in qual- 067255
Preliminary report on table **grape varieties** 069006
Affinity tests with Blaufrankish **grape varie-y.** 069088
volume & quality of various **grape varieties** 069196
of pollen of some **varieties** of **grapes.** 068496
time experiments with potato **variety Grata** 069084
hybrid Kecskemeti 114 F1 & **variety Hokus** 067066
of state testing of **varieties** & **hybrids** of cuc- 069068
as an aid to oat **variety identification.** 067975
resistance of eight **important varieties** of gr- 070451
Yields of selected & **improved varieties** of g- 068880
Yields of **varieties** & new **improved** lines of 068881
self-compatible & self-**incompatible varieties** 067060
Geriocain in some **varieties** of **infertility** in 065179
spring wheat mutant & **initial variety.** 067071
crosses between Indica & **Japonica varieties** 067366
foliar application of urea to **jowar variety** 072091
dates of sowing of olitorius **jute varieties** un- 068734
Sensitivity of some **varieties, lines** & hybrids 067188
Performance of **linseed varieties** against Fus- 069357
of four exotic & one **local varieties** of okra 069076
from potato plants of **variety Lorkh** affected 069664
mosaic virus on different **lucerne varieties.** 069670
Varieties must be site-oriented for maximum 068669
Apple **variety Mutsu**--its advantages & disa- 069098
purpureum, $schum.) **variety Napier,** in diff- 068158
electrophoresis as an aid to **oat variety** iden- 067975
Oat varieties for 1973. 068609
Technique of growing new **oats varieties.** 067384
of salinity on some Brassica **oilseed varieties** 067190
ray irradiation of **parental varieties** on hete- 068341
certain chemical mutagens on **pea varieties.** 068507
in root growth zones of two **pea varieties** wi- 069142
yield & vegetative signs of **pea varieties.** 069236
Colossus, a new southern **pea variety.** 070454
diseases of pea: Behaviour of **pea varieties** e- 067171
of some important **pea varieties** to Laphyg- 067351
chlorophyll mutations in some **pea varieties** 069165
Male sterility in **peach varieties.** 067948
Behavior of main **peach varieties** in sands of 069077
analysis on plant type in **peanut varieties,** e- 067191
New **variety** of **pear** "Tama". 067250
mutations obtained in two **varieties** of **peas** 068608
Varieties of **peas** for canning & their breedi- 069736
public soybean **variety performance.** 069021
Reaction of bean **varieties Phaseolus** vulgaris 067141
New ornamental **plant varieties.** 069163
of gene Gas in lines & **varieties** of **popcorn.** 068503
study of some **varieties** & **populations** of be- 069084
of pigments of different **potato varieties.** 069097
time experiments with **potato variety** Grata 069828
New **potato varieties** & their general charac- 069857
studies in important **potato varieties** during 072161
Potato varieties resistant to nematode Hete- 063886
composition of different **potato varieties.** I. 069070
bibliography on **processing varieties** of peas, 067265
New regional & **prospective varieties** of pot- 068830
new high-yielding & high-**quality varieties** & 067283
Cereal **variety recommendations** for 1973. 069857
of medium quality borer **resistant varieties** of 072161
Potato **varieties resistant** to nematode Hete- 063886
Va 770: a multiple disease **resistant variety** 069070
of medium quality borer **resistant varieties** of 067265
Insect-**resistant varieties:** tools for organic g- 068830
rice varieties & traditional **rice varieties** in 067283
Late-**varieties** of **Satsuma** orange. 069857
Study of **selected varieties** & improved lines 069893
Site demand & **variety selection** of poplars f- 070355
Characteristics & **variety selection** of forage 070494
wilt causal agent on cotton **varieties showing** 068779
sprouting in two **varieties** of **Solanum** tuber- 068921
of selection within sweet **sorghum variety** co- 068879
Evalutaion of **sorghum varieties** according to 066335
Newly bred forage **sorghum variety** "Senda- 068754
"mironovskaya 808", a **Soviet variety** to bo- 069403
1972 Commercial & public **soybean variety** 068294
Soybean varieties for 1973. 067062
Recommended **soybean varieties** for Georgia 067389
Soybean variety evaluation. 068686
Study of some **varieties** of **soybean.** 068665
changes affecting traits of **varieties, species** 068608
Popularity of new grain **variety spreads** rap- 068610
for establishing new **varieties** of **spring** wheat 068677
commonly used grape hybrid **stock varieties** 068769
of potato tubers: effects of **variety, storage** t- 068852
Tolerance of six **strawberry varieties** to phe- 067178
Sundak: a rust-resistant **sunflower variety.** 068684
application of urea to jowar **variety Swarna.** 067264
Anthomyiidae) on **varieties** of **swedes** & turn- 069612
of some twenty-six **varieties** of **sweet** potato- 069080
Results in evaluation **Syringa varieties.** 070080
Alfalfa **variety testing.** 068772
Broomcorn **variety testing,** 1972. 072091
post-harvest drying. [**Varieties, testing**]. 070476
Hill Section cotton **variety tests.** 063267
Nebraska spring small grain **variety tests,** 1 069199
Timothy varieties, 1973. 068641
race attacking resistant **tobacco varieties.** 068642
Huilqui & Loica: New **tomato varieties.** 068687
of spring & winter wheats from **variety trials.** 068767
Kentucky small grain **variety trials:** 1972. [068782
Spring cabbage **variety trials** in West Corn- 068753
moisture stress on two **varieties** of **upland** c- 069418
New **vegetable varieties** in official list of cul- 068954
qualities of old & new **varieties** of **wheat.** 068688
Fatty acids in **wheat varieties** consumed in 068751
Breeding winter **wheat varieties** with high-q- 068972
Wheat varieties for late winter & spring sow- 067976
signal traits of winter **wheat varieties** & the- 069168
Mironowskaja 808 & Fakir **wheat varieties** 063738
temperature drop in winter **wheat varieties** 063761
field conditions on winter **wheat varieties,** & 067220
properties of Bezostaia i **wheat variety.** 067339
Performance of **wheat varieties** under un-irr- 067387
quality of 4 intensive winter **wheat varieties** 067979
qualities of old & new **varieties** of **wheat.** 067987
Study of winter & spring **wheat varieties** w- 068023
high yielding hard red spring **wheat variety.** 068029
Yields & behavior of winter **wheat varieties** 068613
Wheat varieties for late winter & spring sow- 068689
Bulgarian & other soft **wheat varieties** (Trit- 068694
of harvesting dates for winter **wheat variety** 068711
on leaf surfaces of different **wheat varieties.** 068773
productivity of certain **wheat varieties** & the- 068805
to brown rust in winter **wheat varieties.** [Pu- 068807
Performance of **wheat varieties** under un-irr- 068816
properties of Bezostaia i **wheat variety.** 068845
repentis & performance of **wheat varieties** a- 069414
Differentiating of white **wine varieties** by se- 069441
New **varieties** of **winter** wheat & their grain 069550
of long duration high **yielding varieties** of ri- 071968
072068
069359
063981
067221
068733

VASCULAR

Vascular anatomy of node & flower of Hop- 066938
Vascular plants of Truelove Inlet Region, D- 066620
Vascularization in **poultry** brain. 064368
mirabilis: **vascularization** of a four-**week**-old 066942
mirabilis: **vascularization** of a one-**year**-old s- 066943

VASOPRESSIN

levels of oxytocin & **vasopressin** in **mare** dur- 065021
Vasopressin & **milk** secretion: lack of effect 064434

VEAL

Australian beef & **veal industry.** [Trade]. 062636

VECTORS

development of parasite in its **vector.** [Cattle 065526
of plants & their transmission by **vectors.** [069628
transmission. [Psammotettix **alienus, vectors**] 069726
Orgins of **vector-borne** plant viruses. 069700
Inoculation of **vector cell** monolayers with 069708
virus by lesions on leaves & on **vector cell** 069711
phyllody & abundance of its **cicadellid vector.** 069640
in Armenian SSR. [**Dogs, vectors**]. 065555
mosaic virus. [Myzus persicae, **insect vectors**] 069618
in some tissues of an **insect vector** for clover 069652
hiroglyphicus Matsumura, an **insect vector** of 069705
mosaic virus. [Myzus persicae, **insect vectors**] 070318
in some tissues of an **insect vector** for clover 070358
hiroglyphicus Matsumura, an **insect vector** of 070401
oat blue dwarf. [Macrosteles **laevis, vectors**] 069724
roll disease of potato. [**Leafhoppers, vectors**] 069609
Culex territans as a **potential vector** of Try- 070616

VEGETABLE

packagings for fruits & **vegetables.** 063086
content of some canned fruit & **vegetables.** 063129
made of Stryropor for fruits & **vegetables.** 063909
packagings for fruits & **vegetables.** 063919
cryogenic cold" mixed freezing. [**Vegetables**] 063941
Studies on storage of fruits & **vegetables.** V. 063968
radiosensitivity of some crops. [**Vegetables**] 068423
program for control of diseases of **vegetables** 069449
postharvest pathogens of fruits & **vegetables** 069486
of soil-borne plant diseases in **vegetables.** 069752
Objectives of weed control in **vegetables.** 070032
Objectives of weed control in **vegetables.** eff- 070033
Objectives of weed control in **vegetables.** Ef- 070035
Objectives of weed control in **vegetables.** fu- 070036
of benomyl resudues in **vegetables.** 070704
Drip irrigation: one way to go! [**Vegetables**] 072352
in breeding & seed culture of **vegetables.** 067256
on responses of **vegetables** to **artificial** & su- 068310
of development of **Austrian vegetable** culture 068915
Fruit, **vegetables, bees** & pollination--now & 068404
Use of plastic in **Belgian vegetable** cultivati- 069161
mutagenesis in **breeding vegetable** crops in 067196
Trend in **breeding vegetable** crops for canni- 067236
Breeding vegetable crops for adaptability to 067246
rot of certain fruits & **vegetables caused** by 069360
Economics of **commercial vegetable** culture 062526
mite pests of **commercial vegetables** coopera- 070516
I [Iodine] from **contaminated vegetables.** 063095
pests of commercial **vegetables cooperative** 070516
mutagenesis in breeding **vegetable crops** in 067196
Trend in breeding **vegetable crops** for canni- 067236
Breeding **vegetable crops** for adaptability to 067246
breeding & seed culture of **vegetable crops.** 067249
Methods of breeding fruit & **vegetable crops** 067252
of Folcisteine P on some **vegetable crops.** 068493
Seed culture for cucurbit & **vegetable crops** 069061
hybrids of cucurbit & **vegetable crops,** & also 069068
of phytopathologic state of **vegetable crops** 069408
mildew problems on cucurbit **vegetable crops** 069541
nematodes on physiology of **vegetable crops.** 069832
on growth & yield of **vegetable crops.** 070033
systems of production for **vegetable crops.** 070035
charcoal on tolerance of **vegetable crops** to 070050
Weed control in **vegetable crops.** 070125

insect pests of greenhouse **vegetable crops** in 070491
sulfur on yield of forage & **vegetable crops** in 072123
an aid in fertilization of **vegetable crops.** 072138
of heterotic hybrids of **vegetable** & **cucurbit** 067226
World collection of **vegetable** & **cucurbit** cr- 067243
culture operations with **vegetable** & **cucurbit** 067260
of mildew problems on **cucurbit vegetable** c- 069541
Profitability of **vegetable cultivation** on open 062543
of plastic in Belgian **vegetable cultivation.** 2 069161
Economics of commercial **vegetable culture** 062526
hybrids for irrigated **vegetable culture.** 067230
development of Austrian **vegetable culture.** 068915
of Soviet Union. II. [**Vegetable culture**]. 069018
Plant protection in **vegetable culture** 1973. 069849
for its utilization in **vegetable culture.** 071685
harvesting equipment in **vegetable farming.** 071579
Vegetable fat products based on palm oil. 063413
to industrialised methods in **field vegetable** 062347
of industrialised methods in **field vegetable** 068985
yield factors essential to **field vegetable** pro- 068986
for industrialised patterns of **field vegetable** 068988
stability in industrialized **field vegetable** pr- 072031
composition & properties of **vegetable food** 070742
collective farm canneries. [**Fruit, vegetables,** 062596
Vegetable & fruit production in Thailand. 062708
Vegetable & fruit industries in Thailand. 062709
Statistical data of **fruit, vegetable,** & berry 062818
of competition in German **fruit, vegetable,** & 063946
Fruit, vegetables, bees & pollination--now & 068404
marketing of **vegetables & fruits** in Indonesia 062712
development trends of **vegetables & fruits** in 062713
Vegetables & fruits should be carefully hand- 063925
brassicas & **vegetables** using **granular** alachl- 070049
Greenhouse vegetable research, 1973. 068416
with insect pests of **greenhouse vegetable** cr- 070491
Concentration of **vegetable-growing** areas as 062266
Economic efficiency of **growing vegetables** in 062601
Vegetable growing in Soviet Union. 069016
in development of Soviet **vegetable growing** 069017
Cu [copper] in tropical leaf **vegetables grown** 068313
of combined units for **harvesting vegetables,** 071673
regarding transition to **industrial vegetable** 069025
Vegetable industry in Philippines & otlook 062711
Michigan **vegetable industry.** [Outlook]. 062959
xylostella Linaeus. [**Vegetables, insect** pests, 070427
Vegetable insect control by thuricide & other 070508
varieites & hybrids for **irrigated vegetable** c- 067230
Cu [copper] in tropical **leaf vegetables** grown 068313
Arizona's **vegetable & melon** industry: an ov- 062823
Michigan vegetable industry. [Outlook]. 062959
Sterol composition of 19 **vegetable oils.** 063383
chlorophylls transformation. [**Vegetable oils** 063474
problems of site-oriented **outdoor vegetable** 062349
in quality of fruit & **vegetables packed** in b- 063891
canneries. [Fruit, **vegetables, processing**]. 062596
main basis for fruit-& **vegetable-processing** i- 063920
Fruit & **vegetable processing** in first half of 063944
methods in field **vegetable production** under 062347
specialization in **vegetable production** & int- 062348
site-oriented outdoor **vegetable production** u- 062349
Allocation of **vegetable production** in Donets 062458
Effectiveness of **vegetable production** in cov- 062523
methods in field **vegetable production** on ro- 068985
essential to field **vegetable production.** 068986
patterns of field **vegetable production.** 068988
transition to industrial **vegetable production** 069025
in industrialized field **vegetable production.** 072031
Raw vegetable requirements for canning ind- 063939
Greenhouse **vegetable research,** 1973. 068416
stage in development of **Soviet vegetable** gr- 069017
of potatoes & **vegetables** on a **specialized** ba- 062594
Technology of **vegetable sprinkling.** 071553
Ideas on **vegetable storage** under industriali- 063896
of dichlozolin on **vegetable substrates.** 070702
units for harvesting **vegetables, tobacco** & o- 071673
New **vegetable varieties** in official list of cul- 069168
canned cucumbers & **vegetables** in **vinegar.** 063945

VEGETATION

belt of Afghan Hindukush. [**Vegetation**]. 066833
Review sheet: Rajasthan. [**Vegetation**]. 066852
of ManapouriTe Anau lowlands. [**Vegetation** 066884
plateau (Dobruja, Romania). [**Vegetation**]. 066910
Cold **air vegetation** in Waagtal (Schwyz). 066911
cytophotometric studies of **vegetative apex.** 066924
Effect of gazing on **vegetation** of **Artemisia** f- 068781
their distribution in **vegetation belts.** 066973
Brazilian **cerrado vegetation:** a fertility grad- 066854
after destruction of **vegetation** by **chronic** g- 071769
root systems of basic **dominant vegetation** of 067004
Seed weight as a factor in **early vegetative** g- 067955
Vegetation & ecology of a dolina of forest of 066914
of potassium in **vegetative experiments** with 068065
bog-podzolic soil--**vegetative experiments.** 072123
growth regulators on **vegetative** or **floral** de- 067478
Evaluation on effect of **forest vegetation.** 066131
Effect of temperature on **vegetative growth** 067548
weight as a factor in early **vegetative growth** 067955
Factors influencing **vegetative growth** & flo- 067970
during **reproductive & vegetative growth** sta- 068152
Healthy soil--healthy **vegetation--healthy** fo- 072143
Annotated bibliography on **hops--vegetative** 069205
Vegetation of **Hoskyn** Island & reef. 066892
Factors **influencing vegetative** growth & flo- 067970
Dynamics of **vegetation** of **internal**-drainage 066874
Te Anau, fiordland. 1. **Vegetation** of **lake** M- 066879
Te Anau, fiordland: 3. **Vegetation** of **lake** Te 066881
Vegetation mapping by photographic interp- 066900
Recovery of salt **marsh vegetation** from succ- 069780
cinnamomi from **native vegetation** in a remo- 069255
of alkaloid localization in **vegetative organs** 067395
Effect of **over-vegetation** on rice production. 068803
Some **vegetation patterns** in Republic of Su- 066846
Habitat conditions & **vegetation** of **peat** bog 066887
Morphology & **vegetation** of **peat** bogs of M- 066889
Branching in **vegetative phase** of Tabernae- 066925
Air & **vegetation pollution** by industrial sm- 072585
Vegetative propagation of tea crops & clone 064555
of forest trees. 3. **Vegetative propagation.** 066371
Rapid **vegetative propagation** of asparagus t- 069047
bibliography on hops--**vegetative propagation,** 069205
Decay of residues of **vegetation,** & of **pure** c- 069987
Rapid vegetative propagation of asparagus t- 069047
intervals between **vegetative & reproductive** 067969
in development of **vegetation** of **Sakhalin** & 066876
On flora & **vegetation** of **Schadput** district of 066820
Production of seeds & **vegetative sets** of im- 068038
ecological studies of **shoreline vegetation** at 066878
ecological studies of **shoreline vegetation** at 066879
ecological studies of **shoreline vegetation** at 066880
ecological studies of **shoreline vegetation** at 066881
ecological studies of **shoreline vegetation** at 066882
between matter yield & **vegetative signs** of 068507
contents associated with a **vegetation-soil** se- 071850
crops in loamy bog-podzolic **soil--vegetative** 072123
under varied land use. [**Soils, vegetation**]. 066883
L. in relation to **vegetation stages** & habitat 067722
Levels of polyploidy in four **vegetation types** 066956
Research on **wooded vegetation** of Buila M- 066902

VEHICLE

of development of farm transport. [**Vehicles**] 071572
speed of travel of **vehicles** on **field** roads. 071635

VEIN

Venous anomalies in a filly. 065909
Tobacco **vein-banding** mosaic virus. [Myzus 069618
development of sieve areas in **leaf veins** of 067024
Physiology of yellow-**vein mosaic** virus disea- 069641
grape vine in Romania. II. Grape **vine vein** 069648

VENATION

Foliar venation & laticifers in Jatropha gos- 066934

VENEERS

their development in **veneer cutting.** 066565
Dry veneer volume losses in production of r- 066546
laminated from 1/8-inch-**thick veneers.** 066548

VENOM

Biochemical evolution in fire **ant venoms.** [070888
of nerve growth factor in **venoms** of **bees,** sc- 071054
Venomous insects. 070639

VENTILATION

Active ventilation of metal silo cells. 071476
Ventilating continuous polythene tunnels for 068978
of a horizontal pad **cooling ventilation** syst- 071487
Mushroom **house ventilation** in theory & pr- 071482

VENTRICULAR

regional metabolism of beef **heart ventricles** 064253
in durations of phases of **ventricular systole** 064276

VENTURIA

SEE MYCOSPHAERELLACEAE

VERATRUM

SEE LILIACEAE

VERBENA

from Verbena officinalis & **Verbena hasta** (067852

VERBENACEAE

officinalis & Verbena hasta (**Verbenaceae**). 067852
a new lignan from **Gmelina arborea** Linn. 068543
of various factors on **Tectona grandis.** 066467

VERMICULITE

of two sources of **vermiculite** for **soilless** me- 068992

VERMINOSIS

Toxoplasmosis, **Protozoa, verminosis**]. 065842

VERNALIZATION

of proline in **vernalization & differentiation** 068337

VERONICA

SEE SCROPHULARIACEAE

VERSICOLOR

SEE COLOR

VERTEBRATES

of rabies serogroup to some **vertebrate cell** 070595
strain recorded from **thoracic vertebrae** of s- 064424

VERTICAL

Dynamic simulation of **vertical** non-**adsorbed** 071868
Vertical distribution of Oribatei in developed 071256
On **vertical distribution** of microelements in 071915
streams of grain in **vertical exhaust** canals of 071676
simple optical device for **measuring vertical** 066213
Vertical migration of mineral phosphoric ac- 071817
Vertical movement in an undisturbed soil: c- 071776
Vertical structure of larch-birch stands of 065542
measurements for evaluation of **vertical wat-r** 071808

VERTICILLIUM

carotenogenesis in **Verticillium agaricinum.** 067756
on resistance to **Verticillium albo**-atrum R. 069232
of cotton plants to **Verticillium albo**-atrum. 069475
host water relations. [**Cotton, Verticillium** d- 069472
Verticillium dahliae wilt of Rosa rugosa. 069233
physiological races of **Verticillium dahliae** K- 069405
degree of **Verticillium dahliae** Kleb., a causal 069406
Kzyl-Orda Region. [**Fusarium, Verticillium**] 069565
an infection potential. [**Verticillium iahliae**] 069404
Mycogone perniciosa, **Verticillium malthous-i**] 069340
of banana in Iran. [**Verticillium theobromae** 069393
Fluctuations in virulence of **Verticillium wilt** 069403

VESICLE

Swine **vesicular disease.** 065715
Vesicles in **phycobiont** sheath as possible tr- 067732
from boar seminal **plasma, vesicular** secreti- 065030

VESPIDAE

Notes of interest about **Vespidae.** IV. (Dipl- 071241
Vespidae & Eumenidae in Scheibbs District 071244
Polistes gallicus L. (**Hymenoptera, Vespidae** 071060

VESSEL

particle layer charged in **cylindrical vessel.** 066490
II. Effects of deformation of **xylem vessels.** 068102

VETCH

botanical characters of **common vetch** (Vicia 067135
of pea seedborne mosaic virus in **hairy vetch** 069689
time of sowing on yiels of **hariy vetch**-rye m- 072162
value of grass meal from a **vetch-oat** mixture 064883

VETERINARIANS

Farmers & **veterinarians:** A healthy frame as 062996
problem no 1 to be faced by **veterinarians.** 063206
Cynology for **veterinarians.** 064514
Vilmos Csiszar, 1906--1972. [**Veterinarians**] 065268
Kynology for **veterinarians.** I. 065304
Prices of medicine & tariff for **veterinarians** 065306
Kynology for **veterinarians.** II. 065308
In memoriam Jurgen Tiews. [**Veterinarians**] 065311
In memoriam: Joze Kozel. [**Veterinarians**]. 065314
Dr. Stoian Kostakiev Tiulev. [**Veterinarians**] 065327
problem no 1 to be faced by **veterinarians.** 065332
rabies immunization for **veterinarians.** 065411
Working program of **veterinarian control** of 065114
German veterinarians in third world. 065233
Veterinary **medicine, veterinarian** & veterin- 065260
point of view of **practicing veterinarian.** 065967
Tasks of **veterinarians** in **protection** of envir- 065226
protection from **veterinarian's viewpoint.** 065297

VETERINARY

with Vetalar in small **animal veterinary** pra- 065262
Veterinary aspects of Hungarian pharmaceu- 065265
Veterinary care agreements & first experien- 065263
areas will be stressed at **veterinary college** 065249
Veterinary control in district of Targovishte 065329
Residues of **veterinary drugs** in milk, meat 063029
of cattle leucosis for **veterinary examination** 063208
Institute of Munich **veterinary faculty** in O- 065131
of scientific papers of **Veterinary Faculty**-- 065360
origin in food hygiene & **veterinary forensic** 063213
History of **former Veterinary** Institute resp- 065310
Possibility & necessity of **veterinary function** 065292
Lublin. [Laboratory of **Veterinary Hygiene**] 065563
Veterinary hygienic requirements in establi- 065276
History of former **Veterinary Institute** resp- 065310
acticities of state **veterinary institutes** over 065247
programmatic start for **veterinary leadership** 063182
Effectiveness of **veterinary measures** for con- 065768
medicine, veterinarian & **veterinary medical** 065260
Animal technicians & **veterinary medicine.** 065230
Actual problems of **veterinary medicine** rese- 065235
Veterinary medicine, veterinarian & veterin- 065260
as seen today. [**Veterinary medicine**]. 065264
tissue-adhesive. [**Veterinary medicine**]. 065266
management. [**Veterinary medicine**]. 065267
of cooperation in **veterinary medicine** resear- 065275
Institute respectively **Veterinary Medicine** 065310
in manure & sewage. [**Veterinary medicine**] 065348
Rompun to reindeer. [**Veterinary medicine**]. 065350
papers on Faculty of **Veterinary Medicine**-- 065368
significant for **veterinary medicine.** 065433

by ultrasonics. [Veterinary medicine]. 065675
of certain plants. [Veterinary medicine]. 065763
significance in veterinary medicine. 066015
produced in Poland) in veterinary medicine. 070645
significance in veterinary medicine. 070670
on bacteria & spores. [Veterinary medicine] 065804
Experiment Institute of Munich veterinary 065131
On Polish veterinary system. 065303
Vetalar in small animal veterinary practice 065262
II. Progress in preventive veterinary medicin 065260
Veterinary problems in further development 065274
Veterinary prophylactic requirements for ca- 065330
A bookshelf on veterinary public health. 065216
rules & operation of a veterinary X-ray cent- 065280
Institute respectively Veterinary Medicine 065310
Veterinary & sanitary control in poultry dr- 063203
tasks before veterinary & sanitary control. 063205
Veterinary & sanitary control of scalding of 063668
in reference to tasks of Veterinary Sanitary 065271
Veterinary & sanitary control in poultry dr- 065325
tasks before veterinary & sanitary control. 070736
Veterinary schools of world. 065238
five years at service of veterinary science. 065326
Veterinary service of Buryat-Mongolia at pr- 065299
From history of veterinary service on stalin- 065337
technical acticities of state veterinary instit- 065247
On practical work of veterinary students in 063181
as predecessors of veterinary surgeons. 065357
a practical aid in veterinary surgery. 065240
preparation used in veterinary surgery & ob- 065331
On Polish veterinary system. 065303
house legislation from veterinary view. 062986

VETIVER

a new sesquiterpene alcohol from vetiver oil 067611

VIABILITY

of pregnancy in swine & fertility, viability & 065187
Winterfat fruits & seeds retain high viability 067861
Effect of temperature on pollen viability of 068476
New equipment improves pollen viability. [068595
An inquiry into viability of tadpoles of Rana 070746
Reproductive effeciency & viability in tow 065011
Note on estimation of viable weed seeds in 070226

VIBRATIONS

of motion of layer with vibrating screens in 071688
Reduction of torsional vibration in a rotary 071599
greenhouse tomatoes with a vibrating trellis 068419

VIBRIO

SEE SPIRILLACEAE

VIBRIOSIS

Treating vibriosis in sheep with Dibiomycin 065785

VICIA

Broadbeans (Vicia faba L) in nutrition of p- 064686
length measurements of Vicia faba chromati- 067310
of seed yield in field beans (Vicia faba L.). I 068045
of seed yield in field beans (Vicia faba L.) il 068046
of cycloheximide on mitosis in Vicia faba ro- 068054
utilization in primary root of Vicia faba L. 068077
of growth inhibitors from Vicia faba on in vi- 068137
Ascochyta fabae on broadbean (Vicia faba) 069230
on some metabolism indices in Vicia faba se- 069932
A herbicide effect in meiosis of Vicia faba. 069933
of grass weeds in field beans (Vicia faba); p- 069971
characters of common vetch (Vicia sativa L.) 067135
seedborne mosaic virus in hairy vetch, Vicia 069689

VICINA

SEE MOLLUSKS

VIGNA

A mosaic of Vigna hosei (Craib) Back, a co- 069677
Resistance to water flow in Vigna sinensis L 068314
flower colours in cowpeas (Vigna sinensis (L 068321

VILLAGES

Aspects for renewal of villages. 062155
Role & possiblities of village co-operatives 062422
Tourism on farm: enchanted village. 062255
field channels in irrigated Indian villages. 062578
economic survey of three villages in Zaria P- 062212

VINCAMINE

Methoxy-12 delta 14-vincamine, new isolated 067856

VINEGAR

canned cucumbers & vegetables in vinegar. 063945
A study of vinegar by gas chromatography. 063440
Fibre drum holds vinegar. [Shipping]. 062661

VINES

Pest control in commercial vine crop produc- 069746
viruses & virus disease affecting grape vine 069648
Test of large rotary flasher in vine orchard 070426
Ornamental vines for New Mexico. 069092

VINEYARDS

On thinning in vineyards. 069176
mechanization for orchards & vineyards. 071664
Orchard equipment, vineyard equipment]. 071665
Use of film mulch in fruiting vineyards. 072302
physical environment for typical vineyards. 069101

VINIFERA

Berry composition of Vitis vinifera cultivars 068242
of various grape varieties (Vitis vinifera 1.). 069196

VINIFICATION

semi-industrial white vinification tests. 064009

VINTAGE

SEE WINE

VINYL

on stability of 5-vinyl-oxazolinathion-2. [Ra- 063848

VIOLETS

African violets. [Saintpaulia, culture]. 068991
ever-popular house plants. 1. African-violet. 069123
Ultra violet spectroscopy--visible nonFracti- 071864
Effects of heat treatment, UV [ultra violet] 064036

VIROLOGY

in Corsica in area of citrus virology. 069698

VIRULENCE

between virulent & attenuated strains of inf- 065718
On determining virulence of Listeria. 065787
Virulence of potato X-virus under natural c- 069658
on fixing activity & virulence of Rhizobium 071951
inoculation with virulent rinderpest virus & 065495
Effect of age on virulence of Septoria nodor- 069527
Appearance of virulence in two strains of av- 065509
Fluctuations in virulence of Verticillium wilt 069403

VIRUSES

adsorption of parainfluenza 1 (Sendai) virus 065476
of porcine pneumonia. I. Bacterial & viral. 065498
On problem of nature of enzootic (viral) br- 065577
mucosal disease & swine feyer. [Viruses]. 065723
with different strains of potato X-virus. 069660
Man vs. Virus. [Corn, tomatoes]. 069674
on leaves systemically infected with viruses. 069680
of cauliflower mosaic group of viruses. 069681
in nomenclature & classification of viruses. 069695
amino acids in potatoes infected with virus 069739
of corn (Zea mays L.) to corn stunt. [Virus] 067101
adsorbed by ribonucleic acid virus-infected c- 065381
Antiviral activity of aqueous extracts of cert- 065763
Antiviral activity of extracts from gamma-ir- 069661
Detection of viruses M & S with aid of a te- 069733
of parainfluenza 3 viral antibodies in serum 065895
vaccines from inactivated Aujeszky virus. 065898
on reproduction of virus of Aujeszky's disea- 065874
of newly determined sugar beet viruses on 069654
during expression of bluetongue virus geno- 065826
Bovine virus diarrhea--mucosal disease (B.V 065875
fixation test for infectious bronchitis virus u- 065721
Count down on cardamom viruses. [Elettaria 069622
On virus carrier in cases of fowl pox. 065810
leafhopper-curley top virus carrier. 069702
effect of Aujeszky's virus on cell cultures. 065699
Certain viruses lack ability to spread with s- 069737
Japanese encephalitis & chandipura viruses 070812
against para-influenza-3 virus, Chlamydia, C- 065423
Viruses of Colocasia esculenta & Xanthoso- 069696
of broadbean true mosaic virus, common & 069699
mode of transmission of leaf crinkle virus of 069643
Virus of cucumber mosaic on Echinocystis l- 069723
Investigation on pelargonium leaf curl virus 069721
On problem of detecting viral infection in l- 070964
Bovine virus diarrhea--mucosal disease (B.V 065875
Cytopathic effects of Ranikhet disease virus 065503
with genome of ranikhet disease virus. 065509
antibodies against Newcastle disease virus. 065569
immunoadsorbent. [Newcastle disease virus] 065584
sera against foot & mouth disease virus. 065614
Isolating foot-anMmouth-disease virus with 065676
Little-known virus disease of geese. 065796
attenuated Marek's disease virus. 065901
Laodelphax striatellus Fallen. [Virus disease] 069619
of yellow-vein mosaic virus disease in okra, 069641
Research on viruses & virus disease affecting 069648
An unkown virus disease of raspberry. 069720
on occurence of wheat virus disease with sy- 069726
Status of studies on tobacco virus disease ca- 069734
Spreading of narrow leaf disease virus (Pha- 069735
Laodelphax striatellus Fallen. [Virus disease] 070319
on occurence of wheat virus disease with sy- 070413
of yellow-vein mosaic virus disease in okra, 070455
of ribosomes in healthy & virus-diseased pla- 069668
Study on viral diseases of cat. Ii. Experime- 065548
Study on viral diseases of cat. Iii. Experime- 065549
wildness" disease. [Livestock, virus diseases] 065674
Virus diseases of mushrooms. 069627
Spread of virus diseases on strawberries in 069632
Virus diseases of forest trees. 069635
from linear parameters. [Virus diseases, pho- 069639
from northern Queensland. [Virus diseases, 069650
Viral diseases of winter wheat. 069657
Sanitation of potato from viral diseases by 069662
Virus diseases in fruit culture. 069672
leaf disease of papaya tree. [Virus diseases] 069678
associated with three virus diseases of apple 069690
of sweet potato in Taiwan. [Virus diseases, 069703
Effect of virus diseases on yield & quality of 069706
Grapes with virus diseases, a danger for viti- 069719
from northern Queensland. [Virus diseases, 070356
of sweet potato in Taiwan. [Virus diseases, 070504
plants & those infected by virus diseases. [068211
Spinach yellow dwarf virus. 069682
monolayers with potato yellow dwarf virus. 069708
between maize rough dwarf virus & rice bla- 069710
of structure of eggplant mottled dwarf virus 069716
Antiviral effect of thiourea & urea derivativ- 065896
of Malagasy porcine encephalomyelitis virus 065620
from avian myeloblastosis virus, enriched in 065428
insect poxvirus by fusion of virus envelope w- 071066
Carrying & excreting virus of Aujeszky's dis- 065700
Transmission of rayado fino virus of maize 069610
Virus-like formations in larvae of Aedes & 070960
with a transmissible gastroenteritis virus. 065446
expression of bluetongue virus genome. 065826
A granulosis virus, possible biological agent 070466
A granulosis virus, possible biological agent 070467
on development of moth granulosis virus. 070965
"Corona" viruses, a new virus group. 065740
Isolation of OLT group virus in cases of she- 065761
On control of virus hepatitis in ducklings. 065816
of measures for control of virus hepatitis in 065817
herpes & Marek's disease herpes viruses by 065434
Chlamydia, Coxiella burneti & IBR virus in 065423
IBR) virus by immunofluorrscent method. 065689
in an occurrence pattern that indicates virus 069616
adsorbed by ribonucleic acid virus-infected c- 065381
with grafting of healthy & virus-infected app- 068243
Virus infection & chimeras of Ligustrum vul- 066979
Observations on leafroll-virus infection of c- 069612
Virus infection & chimeras of Ligustrum vul- 069626
On problem of detecting viral infection in l- 070964
Hemagglutinins of virus of infectious bronch- 065764
on antibodies against para-influenza-3 virus, 065423
A/Hong Kong/ (H 3 N 2) influenza virus. 065899
live virus vaccine of "C" inoculation virus st- 065580
pattern that indicates virus interaction. 069616
Demonstration of IBiR-IPV virus in vaginal 065696
of transmission of Tipula iridescent virus. I. 070931
of transmission of Tipula iridescent virus. II 070932
larvae infected by Tipula iridescent virus. 070938
of two strains of mosquito iridescent virus. 071067
Turnip mosaic virus isolated from rhubarb p- 069633
Identification of virus isolated from potato 069664
Viral isolates from livestock in northern Ni- 065394
of soil-borne wheat mosaic virus isolates fr- 069686
Little-known virus disease of geese. 065796
adaptation of obodhiang & kotonkan viruses 070595
Certain viruses lack ability to spread with s- 069737
Effecto of laryngotracheitis virus on cell cul- 065789
Observations on leafroll-virus infection of c- 069612
Action of swine fever live virus vaccine of " 065580
wildness" disease. [Livestock, virus diseases] 065674
haemagglutination of PL-3 Lublin virus in s- 065570
virus disease caused by Lycopersicum virus 069734
On grafting non-viral meristems of potatoes 069060
of mucosal disease with modified virus vacci- 065630
of several new TMV [tobacco mosaic virus]- 068420
Tobacco vein-banding mosaic virus. [Myzus 069618
Turnip mosaic virus isolated from rhubarb p- 069633
to degradation of tobacco mosaic virus. 069634
Physiology of yellow-vein mosaic virus disea- 069641
Tobacco mosaic virus resistance in lycopersi- 069642
classification of tobacco mosaic virus strains 069644
on isolation of watermelon mosaic virus in I- 069649
Spread of alfalfa mosaic virus on different l- 069670
a new reservoir of cucumber mosaic virus in 069673
of several new TMV [tobacco mosaic virus]- 069675
combination cucumber mosaic virus & TMV 069676
conditions. [Aphididae, mosaic virus, transm- 069679
dissociation of southern bean mosaic virus. 069685
Quail pea mosaic virus: a new member of c- 069688
Overwintering of pea seedborne mosaic virus 069689
Turnip mosaic virus on annual stock in Arg- 069692
of inhibition of tobacco mosaic virus reprod- 069697
virus, common & enation pea mosaic viruses 069699
Freeing sugarcane from mosaic virus by api- 069704
DMSO on synthesis ot tobacco mosaic virus 069730
Lam. to red clover necrotic mosaic virus. 069736
conditions. [Aphididae, mosaic virus, transm- 070277
Tobacco vein-banding mosaic virus. [Myzus 070318
Physiology of yellow-vein mosaic virus disea- 070455
to degradation of tobacco mosaic virus. 071786
mosaic virus & TMV [tobacco mosaic virus] 069676
some properties of Mirabilis mosaic virus, a 069681
Comparisons of soil-borne wheat mosaic vir-s 069686
to strains of bean common mosiac virus. 069631
investigation of broad bean mottle virus in s- 069653
Spread of carnation mottle virus in carnatio- 069669
of 70S RNA from avian myeloblastosis virus 065428
studies on avian myeoblastosis virus: conditi- 065427
Virulence of potato X-virus under natural c- 069658
virus & satellite tobacco necrosis virus. 069717
of Rous sarcoma virus-neutralizing antibodies 065579

III. skin allergic test & **virus-neutralizing** a- 065701
New research in **viruses occurring** in fungi. 069729
Demonstration of **parainfluenza** 3 **viral** anti- 065895
C-type **virus particles** in avian bursa of Fabr- 065395
of narrow leaf disease virus (**Phaseolus virus** 069735
Antiviral & phytostimulating properties of s- 067693
Antiviral & phytostimulating properties of 069663
Cultivation of fowl **plague virus** at low temp- 065475
for purification of some **plant viruses.** 069607
Consan 20)--disinfectant for **plant viruses.** 069693
Orgins of vector-borne **plant viruses.** 069700
efficiencies of assays of a **plant virus** by lesi- 069711
in mechanism of synthesis of **plant viruses.** 069727
Orgins of vector-borne **plant viruses.** 070295
Nuclear **polyhedrosis virus:** A possible exa- 070911
infected with nuclear **polyhedrosis virus.** [Tr- 070936
Pathology of a nuclear **polyhedrosis virus** of 070937
investigation of nuclear **polyhedrosis virus** s- 071404
A granulosis **virus, possible** biological agent 070466
A granulosis **virus, possible** biological agent 070467
L. in case of infection with **potato viruses** N 069608
tobacco leaves infected by **potato virus** X (S- 069725
of potatoes infected by **potato virus** X. 069731
occurrance of symptoms of **potato virus** y in 069732
Gray. Cells infected by plum **pox virus.** 069647
to epidemiology & control of plum **pox virus** 069645
specification in tobacco **rattle virus.** 069707
between components of tobacco **rattle virus** 069715
Study of potato X-**virus reproduction** in call- 069659
of tobacco mosaic **virus reproduction** in X-ir- 069697
Tobacco mosaic **virus resistance** in lycopersi- 069642
equine herpes virus (**rhinopneumonitis virus**) 065424
inoculation with virulent **rinderpest virus** & 065495
I. Selection of **rinderpest virions** with delay- 065621
of particles of raspberry **ringspot virus.** 069651
caused by hydrangea **ringspot virus.** 069687
of food legumes caused by pea leaf **roll virus** 069623
of transmissibility of cherry leaf-**roll virus** by 069722
On deterction of Rous **sarcoma virus**-neutral- 065579
by potato virus X (Solanum **virus** 1, **Smith**) 069725
caused by Lycopersicum **virus** 3, **Smith** (T- 069725
virus of beet yellows (Beta **virus** 4, **Smith**). 069740
infected by potato virus X (**Solanum virus** 1, 069725
of certain weeds in **spreading virus** of beet y- 069740
A **virus strain** isolated from chickens showi- 065557
virus vaccine of "C" inoculation **virus strain** 065580
classification of tobacco mosaic **virus strains** 069644
of nuclear polyhedrosis **virus structure** in B- 071404
leaf senescence on **virus susceptibility** in to- 069671
Viral teratology. [Animals]. 065421
Status of studies on **tobacco virus** disease ca- 069734
Sugarbeet leafhopper-curley **top virus** carrier 069702
Mechanically **transmissible viruses** from corn 069691
Aphididae, mosaic **virus, transmission,** abaca 069679
for increased efficiency in **virus transmission** 070375
in ecology of some aphid-**transmitted viruses** 069611
C-**type virus** particles in avian bursa of Fabr- 065395
An **unkown virus** disease of raspberry. 069720
mucosal disease with modified **virus vaccine** 065630
Action of swine fever live **virus vaccine** of " 065580
"Corona" **viruses,** a new **virus** group. 065740
Research on **viruses & virus** disease affecting 069648
Inactivation of **viruses** in **water** with ozone. 072507
observations on occurence of **wheat virus** di- 069726
beet yellows & beet western **yellows viruses** 069684

VISCERAL
of foci of **visceral leishmaniasis** in Armenian 065555

VISCOMETRY
Application of a **viscometric method** to study 063764

VISCOSITY
controlling sensory evaluation of **viscosity.** I 063397
controlling sensory evaluation of **viscosity.** II 063398
Dependence of **viscosity & density** of worts 063313
Use of **viscosity & water** retention capacity 063708
On influence of mashing on **viscosity** of **wort** 063773

VISUAL
Visual component in courtship of Drosophila 070858
Genic mutations with **visible effect** in Swiss 064942
Genes with **visible effect:** Association with e- 064944
Lesions visualized by a brief freeze treatme- 069680
near-ultraviolet & intensity of **visible light.** 068111
violet spectroscopy--**visible nonFractionated** 071864
For a **prospective vision** of agricultural law 062891
of flower buds from **visible stage** to anthesis 068368

VITALITY
Effect of antibodies on **vitality** of **calves** & p- 064472

VITAMIN
recommended daily allowances" for **vitamin** 063260
sweet potatoes (Ipomoea batatas). [**Vitamin** 063267
Vitamin K. [Poultry nutrition]. 064804
sweet potatoes (Ipomoea batatas). [**Vitamin** 068426
of skim milk with **added vitamins.** 063490
on richness in **vitamin** C of four **apple** variet- 063240
hens, their feed mixture **being vitaminized** in 064825
Vitamin A & **bone** metabolism in rat. 064436
Effect of **vitamin complex** on body of cows 064539
of protein-mineral-**vitamin concentrates** in li- 064789
A survey of **vitamin content** of some 2000 f- 063238
Vitamin E **content** of selected baby foods. 063248
acid on development of **vitamin** E **deficiency** 064659
Vitamin H **deficiency** in feeds. [Swine]. 065925
Vitamin B1 **deficiency** in ruminants. 065959
in chick in relation to **vitamin** E **deficiency.** 066005
Vitamin C **depletion** & in vitro uptake & or- 063253
Biologic action of 1,25-**dihydroxy-vitamin** D 065919
determination of **vitamin** A in **foods.** 063249
unsaturated fat & **vitamin** E on **hemoglobin** 064460
Utilizing of **vitamin** A by **hens,** their feed m- 064825
Relation of E **vitamin level** in liver of chicks 064684
on retention of **vitamin** B6 in **lima** beans. 063960
Time & heating-effect of **vitamin A loss** in b- 063282
Significance of protein-**mineral-vitamin** conc- 064789
Effectiveness of protein-**vitamin-mineral** sup- 064838
Making up for **vitamin-mineral** deficiency in 065991
Effectiveness of **protein-vitamin**-mineral sup- 064838
Vitamin requirement of growing animal. 064705
of temperature, **vitamin requirements** & ino- 067640
Nitrogen & **vitamin requirements** for axenic 067702
Vitamin retention in bean products: cooked, 063954
Production & addition of **vitamins** to **skim** 063531
Content of **vitamins** in **soil** & their effect on 067991
Vitamin supply during lactation. 064701
Vitamin A **value** in carotene of carrots (fresh 064834

VITELLINE
for penetration of **vitelline membrane** of hen 065025

VITICULTURE
Institute of Fruit Culture & **Viticulture.** 069171
storing propagation materials for **viticulture** 069194
fungicides in arboriculture & **viticulture.** 069546
with virus diseases, a danger for **viticulture** 069719
Guide for Treatments: **Viticulture.** 069897
Chlorosis in **viticulture.** 069920
Mechanization in **viticulture.** 071701
of soil tillage experiments in **viticulture.** 072303
course & expenses in **establishing viticulture** 062462
Institute for **Horticulture, Viticulture** & Eno- 067231
Means of **intensifying viticulture** in Odessa 069178
Development plan for **viticulture** is **necessary!** 069198
Some aspects of **viticultural research** in Aus- 068914

VITIS
Berry composition of **Vitis vinifera** cultivars 068242
of various grape varieties (**Vitis vinifera** l.). 069196

VITRO
of antipyrine on animal cell cultured in **vitro** 064337
by rumen epithelium of Betal goats in **vitro** 064397
Chemical composition, "in **vitro**" digestibili- 064600
Use of acetate-I-14 C [carbon] in **vitro** & in 064786
into tubal pig eggs fertilised in **vitro-.** 064951
temperatures in trials carried out in **vitro.** [065375
ribonucleic acid virus-infected cells in **vitro.** 065381
avian bursa of Fabricius cells grown in **vitro** 065395
Torenia fournieri (Lind.) cultivated in **vitro.** 067453
of antipyrine on animal cell cultured in **vitro** 067470
of magnesium-protoporphyrin. IX. In **vitro.** 068096
maintenance & partial differentiation in **vitro.** 068445
"Survival" of mitochondria in **vitro:** physical 068450
of Lepidoptera: effects of ecdysones in **vitro** 070929
pollination in **vitro** in **Antirrhinum** majus L. 068283
Contribution to study of in **vitro cultivation** 067472
Isolation & in **vitro cultivation** of cells of E- 068084
Anther in **vitro culture,** a new method for o- 067334
In **vitro culture** of mycoplasmas of plants & 069628
In **vitro degradation** of starch. Studies by tr- 063442
In **vitro digestibility** of barley straw treated 064605
Effect of lignin on in **vitro digestibility** of w- 064738
Altissima] in in **vitro digestion** & stem mor- 064598
In **vitro effects** of some growth regulators in 067664
Genotypic differences in in **vitro formation** of 068052
In **vitro growth** of Endophyte Acrochaetium 067738
In **vitro hydrocortisone** catabolism in pig li- 064575
In **vitro production** of indole acetic acid by 069365
of wheat embryo in **vitro protein** synthesizi- 067910
In **vitro secretion** of growth regulators by is- 067410
Effect in **vitro** of **soil** fumigants on soil micr- 069634
of ergot alkaloids in **vitro** by **Spacelia** sorghi 067666
In **vitro studies** on secretion of amino acids 064573
of contraction of uterus. I. In-**vitro studies** 065211
In **vitro studies** of group E streptococci in 065440
*** 065442
from Vicia faba on in **vitro survival** of Ehrli- 068137
Vitamin C depletion & in **vitro uptake** & or- 063253
Studies in **vitro** & in **vivo** with powdery mil- 069238
plants, as shown by in **vitro** & in **vivo** bioas- 069239
In **vitro** & in **vivo** carbon 14 acetate incorpo- 070887

VIVO
as shown by in vitro & in **vivo bioassays** on 069239
In **vivo bone** strain recorded from thoracic 064424
In vitro & in **vivo carbon** 14 acetate incorpo- 070887
In **vivo characterization** of nitrate reductase 068099
Studies in vitro & in vivo with **powdery** mil- 069238
In **vivo turnover** & synthesis of proteins fr- 064631

VOCAL
A **voice in discussion** on Black Pied Lowland 065074
A new **voice** for **state** support of agriculture 062946

VOCATIONS
Cooperative vocational education in conserv- 072350
course at Washington **County Vocational** Te- 066410
para-professionals in **vocational education.** 062142
attitudinal study of **vocational & residential** 062211
Graduates from **vocational schools** in food i- 063426

VOID
sugars from mesophyll cells into **void space** 068163

VOLATILE
mass spectrometric analysis of **volatiles.** 063618
of peas. Formation of **volatile aldehydes** from 064034
Patterns of **ammonia volatilization** from a f- 071863
Volatilization of gamma-**BHC** at tropical t- 070373
Volatile cephalic substances of stingless bees 070923
Some minor **volatile components** from ther- 063387
sugars, organic acids **& volatile components** 063884
Study of **volatile compounds** in Viet Nam bl- 063417
of **nonvolatile decomposition** products of tril- 063384
Volatile Dufour's gland components of harv- 070928
grain sorghum preserved with **volatile fatty** 064849
Isolation & identification of **volatile flavor** c- 063620
stimulation by **volatiles, fungistasis,** & sodi- 069477
Production of **volatile metabolites** by species 067460
determination of **oil volatiles** at panel test t- 063464
Study of composition of **volatile oils** from P- 067782
Nonvolatile oxidation products of fatty acids 063862
Study of **volatile products** formed by self-ox- 063289
estimation & study of non-**volatile products** 063290
collection of tobacco head **space volatiles.** 063713
Change in **volatile substances** of wine during 064024

VOLCANOES
ion concentration] Chilean **volcanic ash** soils 071909

VOLTINISM
allata on determination of **voltinism.** 071399

VOLVARIELLA
of basidiocarp of **Volvariella volvacea.** 067706

WAFER
Use of **straw wafers** in cattle feeding. 064790

WAGES
Scottish farm workers' hours & **earnings** 19 062571
Tax regime after **cash earnings.** [Agriculture 062534
between productivity & **wages** on **collective** 062371
records of labor & **wages** as **exemplified** by 062448
Goals of increasing diary **farmers' earnings** 062313

WALL
Studies on chemistry of **arterial wall.** XVI. 064395
Studies on forage **cell walls.** I. Prediction of 064726
cell from nucleus, cytoplasm, & **cell wall.** 067028
Chemical composition of **cell wall** of Smitti- 067707
Sucrose & **cell walls** as factors affecting Ph- 069474
polymerization of lactide in wood **cell wall.** 066493
of diosgenin in Dioscorea **deltoidea Wall.** 067811
Lipid analysis in **wall** of **digestive** tract & ad- 064501
strength-performance of **walls exposed** to fire 066547
of Ancistrocladus **heyneanus Wall.** VI. Isola- 067609
Pole barn with no **walls** or **simple** hay tower 071502
Cell division & **wall structure** in Microspora 067010

WALNUTS
Isolation of naphthazarin from **walnut** "Oni- 068593
Indian meal moth, pest of **stored walnuts.** [070587

WAREHOUSES
germination of potatoes in a **tool warehouse** 071471

WARMTH
Mineral requirement of **warm-blooded** horses 064769
a & b when **warming chloroplasts** & action 067868
sequoiae Ell. et Ev. in a **warm district** of Ja- 069395
ambient temperature on **warm**-up in **moth** 070907
Building of **warm stall** in less expensive way 071427

WASHING
of storage diseases of carrots by **washing.** G- 069282
Washing out & **absorption** of phosphorus & 071820
New **cane washing** method. 063817
Washable pipette with multiway cock for ra- 063984

WASPS
potential of braconid **wasp, Apanteles** plutel- 070241
Trichogramma chilonis Ish. **oophagous wasp** 070351
of development cycle of social **wasp Polistes** 071060
evanescens Westw. **wasp, studied** in view of 070254

WASTE
Ecology: consumer viewpoint. [**Waste**]. 072558
In plant control of **wastes.** [Water pollution 072587
Animal waste management in Hawaii. 072619
system & reuse of **wastes** from **bamboo.** 063370

A study of use of **banana waste** for paper pu- 064011
On efficient utilization of sugar **beet waste** 063737
Methods of **brewery waste** management. 072564
Management of milking center wastes. 072509
thermal soils & self-heated **coal waste** piles. 065585
dressed carcass weight & **offal components.** 063608
Waste controls: where they hurt. [Swine fa- 062477
Cuts waste disposal costs. [Food processing, 072524
Handling **dairy wastes.** [Manure]. 071995
Dairy waste management systems. 072554
waste-water treatment. [**Dairy waste**]. 072606
swine raising & process of **waste disposal.** 2 072490
Technical control of trade **wastes disposal** at 072502
Cuts **waste disposal** costs. [Food processing, 072524
gone? [Water pollution, **waste disposal**]. 072532
Dry offal system reduces water usage 500 g- 072499
Farm waste treatment. 072523
region. II. [Slaughterhouse **waste, fertilizers** 072112
Feeding value & uses of **food waste** by-prod- 064609
swine & ecology: purification of **liquid waste** 072592
Clarification of NSC **waste liquor** by active 066459
to control measures for **livestock waste** poll- 072493
to management of **livestock wastes.** [Pollu- 072566
Dairy **waste management** systems. 072554
Solid **waste management** in wholesale food 072557
Methods of brewery **waste management.** 072564
Animal **waste management** in Hawaii. 072619
from soft wood lumber **mill wastes.** 072015
A few acres--& **much waste.** case of intensive 062426
Clarification of **NSC waste** liquor by active 066459
thermal soils & self-heated coal **waste piles.** 065585
measures for livestock **waste pollution.** 1. 072493
chemicals gone? [Water **pollution, waste** dis- 072532
Poultry wastes can be fed to dairy cattle, B- 064666
water usage 500 gpm. [**Poultry, waste** treat- 072499
utilization of sugar beet **waste products.** 063737
protein hydrolysates from **slaughter wastes** 064761
Peshawar region. II. [**Slaughterhouse waste,** 072112
Solid waste management in wholesale food 072557
Solid wastes in meat packing industry. 072588
Dry **offal system** reduces water usage 500 g- 072499
of flow rates & patterns in **tertiary waste-w-** 072606
Technical control of **trade wastes** disposal at 072502
usage 500 gpm. [Poultry, **waste treatment**] 072499
This **waste treatment** system cost $125. [Calf 072508
Farm **waste treatment.** 072523
Effect of irrigating with **waste water** on yield 072472
Swine excreta disposal & **waste water** purifi- 072492
Development trends in **waste water** techniq- 072577
rates & patterns in tertiary **waste-water** tre- 072606
Use of **waste waters** for irrigation in Donbas 072372
Waste waters disposal. 072596

WATER

Future allocation of land & **water:** implicati- 062939
on storage with protein in presence of **water** 063454
distribution in relation to **waterlogging.** VII. 067637
of plant-soil-weather relationships & **water** 067745
of Phragmites communis Trin. in **water.** 069439
during a hightened turbidity of **water.** [Simu- 070948
distribution in relation to **waterlogging.** VII. 071806
bacteriophages from soil & **water.** 071902
complex for control of soil erosion by **water** 072271
vocational education in conservation. [**Water**] 072350
Future allocation of land & **water:** implicati- 072559
Effect of fertilizers on **water-absorbing** capa- 068382
of determination of **water absorption** capaci- 063784
Growth & **water absorption** of wheat with p- 068078
explanation for apparently **active water** exu- 068057
of overhead irrigation on heat & **water-air** c- 072465
by some planktonic fresh **water algae.** [Chl- 067467
Feeding plants with **ammonia water** through 067870
in mixes & composts with **ammonia water.** 072189
of stable isotopes of **water** in **apple** juice. 063942
Pattern of **water availability** & water requir- 068180
of sampling for determining **water bal-** 071791
Ion & **water balance** in ixodid tick Dermac- 070908
*** 070910
Life history of **Water-Boatman,** Trichocorix- 070783
restriction on distribution of **body water** in 064404
fusiformis from Indian **water buffalo** (Bubal- 065648
Auckland's operating **water catchments.** 066116
Inland mangroves & **water chemistry,** Barb- 066861
Keep **clean water** out of slurry tanks. [Man- 071974
Water conditions in California, Report No. 072359
A national **water conservation** policy for Au- 072419
Water consumption & uptake of nutrients by 067883
Sprinkler irrigation & **water consumption** of 072405
Prince Edward Island, **water contamination**] 072533
fractured bedrock. [**Water contamination**]. 072534
of phosphorus deficiency on **water content** 067729
air volume with change in **water content.** [068119
On causes of low **water content** in tree buds 068562
Changes in dry-weight & **water content** in h- 070836
stored at different **water contents.** 067913
Water control systems of Tehuacan Valley. 072451
"Use of timber in **water cooling** towers in I- 066486
in photosystem II & **water decomposition** in 067445
Utilization patterns of **deep water** by a wee- 068145
Free proline & **water deficit** in plant tissues 067586
Influence of ion **deposition, water** hardness, 063197
A new rapid method for **determination water** 063839
of sampling for **determining water** bal- 071791
Multiple authorization of **water development** 072437
stored at **different water** contents. 067913
wheat with parts of roots at **different water** 068078
Waste waters disposal. 072596
chock in Larix: growth & **water economy** af- 068606
Forecasts & planning **water economy.** 072441
fatty acids in **wastewater effluents.** 072617
Water-electrolyte & acid alkaline balance in 066009
Ability of binding **endogenous water** in fish 063429
Runoff & **water erosion:** Experiment with ra- 072299
Water erosion of soil in Zolkiewka River B- 072342
Evaluation of intensive **water erosion** with h- 072344
Water excess & plant reaction. 067593
I. Routes of ion & **water excretion.** 070908
composition on feeding & **water excretion** by 070922
treatment of broadbean with **water extracts** 067070
for apparently active **water exudation** in exc- 068057
Resistance to **water flow** in Vigna sinensis L 068314
control. 4. hydraulic studies of **water flow** in 072295
Forming water-impermeable macrostructure 072195
of nematode invasions of **water fowl** with M- 065659
realized by some planktonic **fresh water** alg- 067467
on content & distribution of **water** in **frozen** 067587
Water garden under glass. 068967
Water gardening. [Aquatic plants]. 069041
of DDT from food & from **water** by **golden** 070731
of sugarcane under various **ground water** tab- 068172
Influence of **ground water** table on growth of 068307
Effect of **ground water** high in Mg [magnesi- 071779
Peat moisture & level of **ground water** in irr- 071950
on formation of **ground water** in central Ka- 072371
Use of **ground waters** for irrigation of culiva- 072390
On patterns of **ground water** system in irrig- 072408
Geophysical exploration of **ground water** in 072415
Chemistry of **ground water** in a district in s- 072426
of sugarcane under various **ground water** tab- 072457
on irrigation, expulsion & **ground water** in r- 072469
Influence of ion deposition, **water hardness,** 063197
Effect of ground **water high** in Mg [magnesi- 071779
Pathogen-induced changes in **host water** rel- 069472
investigation on control of **water hyacinth** by 070043
of ecological group of **water Hyphomycetes** 066869
Forming **water-impermeable** macrostructure 072195
of Sarcocystis fusiformis from **Indian water** 065648
on acropetal transport of **water, inorganic** i- 068098
Evaluation of **intensive water** erosion with h- 072344
Salt **water intrusion** in Summerside area, P 072533
Effects of brackish **irrigation water** & fertili- 068658
effect of qualities of **irrigation water** & fertil- 072232
area, P.E.I. [Prince Edward **Island, water** c- 072533
Growth of test species in natural **lake waters,** 067641
net carbon dioxide assimilation & **leaf water** 068431
rice. IV. Effects of raising **water level** on nit- 067946
Chemical composition of forest **litter water-** 071886
Local water-vapor transfer coefficient on ho- 067625
Water management in fermentation & food 063412
Water management for shoreline erosion co- 072282
Institut of **Water Management** at State Col- 072440
of melting snow. [**Water management**]. 072460
bwta gauge for **measuring water** relations of 068285
Soil erosion by **water** in a **Mediterranean** cl- 072263
Water as a **medium** of transportation in fore- 066511
Water metabolism of plants under conditions 067404
Role of fruits in **water metabolism** of peach 068379
On **water metabolism** of apple trees relative 068384
Water mites in mantle cavity of freshwater 071089
National water & power grids. [India]. 072356
A **national water** conservation policy for Au- 072419
of mercury in **natural waters** & biological m- 072567
Benthic algae in **water** of **Neouvielle** Massif 066619
Water & nitrogen metabolism of apple tree 068383
forestry within Auckland's **operating water** 066116
Effects of **osmotic water** stress & gibberellic 068525
Inactivation of viruses in **water** with **ozone.** 072507
I. Pure petkolin in **water & petkolin**-kerosi- 070715
Water & physical properties of stripped roc- 071882
Water & physical properties of some soils of 071945
Forecasts & **planning water** economy. 072441
for agricultural & **water policies.** 062939
of cling peaches to reduce **water pollution:** i- 064017
Potential for **water pollution** from fertilizer 072156
States: A brief summary. [**Water pollution** 072487
Influence of **water-pollution** & public works 072528
all toxic chemicals gone? [**Water pollution,** 072532
Potential for **water pollution** from fertilizer 072569
In plant control of wastes. [**Water pollution** 072587
crystalline structure of **water** upon **post**-irra- 067889
Masurement of **water potential.** [Plants, soi- 067627
dioxide assimilation & leaf **water potential** r- 068431
of metabolism to low **water potentials** in pl- 067763
parts of roots at different **water potentials.** 068078
of low plant & soil **water potentials** on dise- 069471
excreta disposal & waste **water purification.** 072492
utilization of sludge from **water purification** 072591
Physiological effect of **water quality** & meth- 068250
Effects of sediment on **water quality.** 072425
Water quality changes in an impoundment as 072436
Shortcomings & remedies for **water quality** 072487
Principles of **water quality** management. 5. 072514
Summary of state air & **water quality** statut- 072566
Water quality criteria; an analysis as applied 072595
develop an optimal plan for **water--quality** c- 072602
God bless dew & **rain water.** [Orchids, cultu- 068938
on floating rice. IV. Effects of **raising water** 067946
Quality of **recycled water;** Fate of infectious 072501
dry peeling of cling peaches to **reduce water** 064017
Dry offal system **reduces water** usage 500 g- 072499
On **water regime** of chloroplasts. 067579
On **water regime** of peas with varying soil 068408
Water regime regulation as a factor of inten- 072439
Effects of various **water regimes** on stomatal 068427
Regional water resource planning for urban 072435
Stomatal movement & **water relations** in cr- 067940
bwta gauge for measuring **water relations** of 068285
induced changes in host **water relations.** [Co- 069472
of water availability & **water requirement** for 068180
Water requirements & irrigation requirement 069054
Regional **water resource** planning for urban 072435
Development of **water resources:** a guarantee 072393
why we must look after our **water resources.** 072394
planning in Puerto Rico. [**Water resources**] 072446
snow observed in Takada. [**Water resources**] 072459
of varying degrees of **water restriction** on di- 064404
Use of viscosity & **water retention** capacity 063708
Isobar change in **water-retention** capability 071919
Office of **Saline Water.** 072354
Utilization of **saline waters** for irrigation. 072369
Organization of research on **water & salt** ba- 071788
Salt water intrusion in Summerside area, P 072533
ages & influence of soil **water shortage.** 067940
Influence of low plant & **soil water** potentia- 069471
of saturated soil paste & 1:2 **soil water** susp- 071798
Variation in **soil water** & soil air contents a- 071850
of microorganisms in **waterlogged soil** relati- 071731
Regulation of **water soluble** calcium in chee- 063486
polyethylene glycol as a **water-soluble** digest- 064416
Amino acid composition of **water soluble** pr- 068075
Water-soluble metabolites & their role in pl- 068538
Effect of **water-soluble** film on insecticidal a- 070264
composition of forest litter **water-soluble** h- 071886
a density function for **sorbed water.** 063293
on deactivation reactions in **water-splitting** 068271
Water storage of Scots pine sapwood in con- 066503
Effects of osmotic **water stress** & gibberellic 068525
Water suction of cuttings measured by autoi- 068551
Effect of **water supply** conditions on size of 068192
Operation of **water supply** installation on di- 071453
treatment of data on salinity. [**Water supply** 072442
soil paste & 1:2 soil **water suspension.** 071798
Water system of palmetto-type apple trees i- 068381
petkolin-kerosine solution in **water system.** 070715
On patterns of ground **water system** in irrig- 072408
in concentrated oil-in-**water systems.** 063400
waterlogging. VII. influence of **water-table** f- 067637
Influence of ground **water table** on growth of 068307
Effect of **water table** depth on yield of cabb- 068943
waterlogging. VII. influence of **water-table** f- 071806
under various ground **water tables.** 068172
trends in waste **water techniques.** 072577
patterns in tertiary waste-**water treatment.** 072606
hydroxide effects on **wastewater treatment** 072615
Oscillatory transpiration & **water uptake** of 068102
Dry offal system reduces **water usage** 500 g- 072499
Local **water-vapor** transfer coefficient on ho- 067625
Water-vapor transfer by forced-convection f- 067626
Effects of **various water** regimes on stomatal 068427
measurements for evaluation of **vertical wat-r** 071808
Use of **waste waters** for irrigation in Donbas 072372
Effect of irrigating with **waste water** on yield 072472
Swine excreta disposal & **waste water** purifi- 072492
Development trends in **waste water** techniq- 072577
Waste waters disposal. 072596
rates & patterns in tertiary **waste-water** tre- 072606
treatment of **wastewater** by **yeasts.** 072614

WATERMELONS

of Orobanche aegyptiaca on **watermelons.** 070153
A report on isolation of **watermelon mosaic** 069649
systems of squash, **muskmelon, watermelon** 066919
Watermelon root development affected by d- 069815

WATERSHED

Application to Tsanaga mayo. [**Watersheds**] 072444
transport & sedimentation. [**Watersheds**]. 072452
Alsea watershed study. 072447
regime of **watersheds** of **drainage** systems. 072382
affecting floods from **watersheds** in **humid** r- 072475
of Thailand on **watershed management.** 066090
Clearing ahead. [**Watershed management**]. 066121
of clearing a ponderosa **pine watershed.** 066307
criteria for **watershed planning** & managem- 072468
stands of Amur-Zeya **watershed plateau.** 065542
within a Colorado **subalpine watershed.** 072466
sediment discharge in **western watersheds** of 072421

WAX

Wax emulsions provide good production. [066571

WEANING

development of baby pigs before **weaning.** 065187
Economic evaluation of **weaning baby** pigs at 062580
Roughage requirement of early-**weaned calf.** 064620
requirement of early **weaned calves.** 064646

of all-concentrate rations on **early weaned** l- 064662
sources in milk replacers for **early weaning** 064908
Effects of **early weaning** on postpartum rep- 065017
Here's suggestion on **improving weaning** we- 064194
Influence of **weaning method** on fertility of 064976
bacteria in a post-**weaning mortality** of mice 065539
zinc deficiency in **weanling pigs** on high & l- 066323
analysis of **preweaning** & **postweaning** lamb 065010

WEAR

Your irrigation system can **wear** two **hats!**. 072353
Study on **wear** & **service** life of functional u- 071531
Correlation of **wear tests** with laboratory te- 063831

WEATHER

Autumn weather & cereal growing in Engla- 068676
Effects of **weather conditions** on Helminthos- 069413
for processing historic fire **weather data** for 066145
How **weather influences** crop disease. 069775
Considerations of **weather** & **operation** for h- 071645
test of plant-soil-**weather relationships** & wa- 067745
Ohio crop & **weather summary** for 1971 & 068793

WEATHERING

Biological weathering of silicate minerals; i- 068581
fertilizer industry. **Weathering** a **difficult** ti- 072170

WEB

Neurosecretory system of **purse web** spider, 070947

WEBWORMS

cosmopolitan insect: **celery webworm** & alli- 071149
hormone analogue against **fall webworm**, H- 070245

WEED

Migrations of **weeds**. [Plant ecology]. 066705
Biological control of plant diseases & **weeds** 069841
in controlled envornment studies. [**Weeds**]. 069983
chemicals on seed germination. [**Weeds**]. 070102
of chemicals on seed germination of **weeds**. 070158
Biological control of plant diseases & **weeds** 070171
Amitrole **against weeds** in oats. 070211
Annual weed control in corn. 069931
of R.7465 for control of **annual weeds** in Br- 069952
control of grass, perennial & **annual weeds** in 070092
selective weed-killers for **annual weeds** in r- 070123
experiments on submerged **aquatic weeds**. 070100
Florida's **aquatic weeds**. 070120
Studies on significance of **certain weeds** in s- 069740
Program approach to **chemical weed** control 070108
Chemical weed control in fiber flax. 070118
Chemical weed control in onions & leeks. 070124
Chemical weed control in anthurium. [Andr- 070141
Contribution to **chemical weed** control in fo- 070164
Chemical weed control in field crops. 070167
Chemical weed control in cotton. [Sorghum 070180
Chemical weeding of potato. 070185
Vigna hosei (Craib) Back, a **common weed** in 069677
Weed community in fallow rice field & its s- 070109
Control of **Compositae weed** species in tran- 070056
cucumber production. [**Weed control**]. 069745
Annual **weed control** in corn. 069931
Recent progress in **weed control** technology 069934
of herbicide treatments for **weed control** in 069942
Weed control in sugar beet: 1973. 069945
Weed control in nursery stock production. 069947
Weed control in small-scale tropical farming 069954
H, a new herbicide for **weed control** in sugar 069957
of trietazine & linuron for **weed control** in 069962
in United Kingdom for **weed control** in pota- 069963
simazine mixture for **weed control** in peas. 069964
common name bentazon). [**Weed control**]. 069967
bentazon (BAS 351H) for **weed control** in 069968
percent granules in forestry. [**Weed control**] 069972
planted areas of softwoods. [**Weed control**, 069973
chlorbufam on marcissus. [**Weed control**]. 069976
Trees & shrubs: **weed control** in transplants 069979
Weed control for container-grown ornament- 069981
Weed control in winter wheat in eastern wa- 069988
Use of cyanazine mixtures for **weed control** 069990
Need for improved **weed control** on peasant 070009
Weed control of field grown crops in ornam- 070013
Trends in chemical & cultural **weed control** 070016
Objectives of **weed control** in cereals. 070027
Objectives of **weed control** in cereals-an agr- 070028
Weed control in cereals; a manufacturer's vi- 070029
Objectives of **weed control** in cereals. need 070030
Objectives of **weed control** in vegetables. 070032
Objectives of **weed control** in vegetables. eff- 070033
in vegetables. Effects of **weed control** practi- 070035
Objectives of **weed control** in vegetables. fu- 070036
development & improvment **weed control** pr- 070046
Weed control in Brassica crops on organic s- 070048
Weed control in fodder brassicas & vegetabl- 070049
propionitrile (cyanazine)For **weed control** in 070051
Preand post-emergence **weed control** in dril- 070052
Weed control experiments in Tropics. 070099
Weed control in tomatoes--1973. 070105
Program approach to chemical **weed control** 070108
by means of soil machines. [**Weed control**]. 070114
Recent results of **weed control** in grain cult- 070115
Weed control of potatoes. 070116
of Betanil 70 in sugar-beets. [**Weed control**] 070117
Chemical **weed control** in fiber flax. 070118
Chemical **weed control** in onions & leeks. 070124
Weed control in vegetable crops. 070125
Yield results from **weed control** experiments 070128
chlorfenprop-methyl. [Oats, **weed control**]. 070129
Experiments with **weed control** in cereals us- 070131
soil type & humus content. [**Weed control**]. 070132
Weed control in sugarbeet fields in north I- 070134
to crop & environment. [**Weed control**]. 070135
improved post-emergence **weed control**. 070139
Chemical **weed control** in anthurium. [Andr- 070141
Cultural measures for **weed control** in grain 070145
of certain herbicides in **weed control** in mai- 070146
aresin on serradella crops. [**Weed control**]. 070150
Contribution to chemical **weed control** in fo- 070164
Weed control in grassland. 070165
Chemical **weed control** in field crops. 070167
Weed control in potatoes with herbicides. 070170
Weed control in winter rape. 070176
Weed control with phenoxy herbicides on n- 070178
Weed control in turf. 070179
Chemical **weed control** in cotton. [Sorghum 070180
in winter & spring cereals. [**Weed control**]. 070184
beets, oleaginous crops. [**Weed control**]. 070186
Textile or oleaginous flax. [**Weed control**]. 070187
Weed control in potatoes. 070201
practice in field of tillage & **weed control** in 070206
Experiments on **weed control** in different gr- 070234
practice in field of tillage & **weed control** in 072324
mechanical control of **weeds** in **corn**. 070143
Weeding of **corn**. 070188
Weeds in **cultivated** fields in Sweden. 070214
Trends in chemical & **cultural weed** control 070016
monocotylendonous & **dicotyledonous weeds** 069969
pests of tobacco. [Insects, **diseases, weeds**]. 069777
Preand post-**emergence weed** control in dril- 070052
Fighting weeds with chemicals in autumn. 070168
Fighting weeds. 070210
Present & **future weed** problems in beet, po- 070011
Control of **grass weeds** in field beans (Vicia 069971
with atrazine for controlling **grass weeds** in 069974
of NC 8438 between ryegrass & **weed grass** 070069
Control of perennial **grass weeds** in strawbe- 070082
for control of perennial **grass weeds** in stra- 070084
in vegetables. effects of **weeds** & **herbicides** 070033
Need for **improved weed** control on peasant 070009
research, development & **improvment weed** 070046
in forage & small grains: **weeds, insects**, dis- 069744
"fungicide action from some **weed-killers** in 069340
Selective **weed-killers** for use on cereals in 070122
Choosing selective **weed-killers** for annual w- 070123
"fungicide action from some **weed-killers** in 070136
of annual grasses & broad-**leaved weeds** in s- 069958
Control of annual broad-**leaves weeds** in win- 069993
Chemical controle of **maize weeds**. 070147
for chlorfenprop-methyl. [**Oats, weed** control 070129
Post-emergence control of **weeds** in **onions** 070053
importance of certain **perennial weeds**. [Cirs- 070037
Response of 21 **perennial weed** species to gl- 070044
Agropyron repens & other **perennial weeds**. 070095
of asulam in some **perennial weed** species. 070097
Weed & **pest** control in sugar beet culture. 070140
of diseases, pests & **weeds** of **pomaceous** & s- 069850
Couchgrass, an unnecessary **weed problem**. 070169
Present & future **weed problems** in beet, po- 070011
Can **weed problems** be reduced by improving 070018
of field experiments at **weed research** organ- 070098
Note on estimation of viable **weed** seeds in 070226
Selective weed-killers for use on cereals in 070122
Choosing **selective weed**-killers for annual w- 070123
Biological control of **skeleton weed**. [Chond- 070193
Dormancy in **weed species**. 070020
Response of 21 perennial **weed species** to gl- 070044
Control of Compositae **weed species** in tran- 070056
Response of some **weed species** & strawberry 070081
of asulam in some perennial **weed species**. 070097
Effect of **weeds** on **sugar** beet crop. 069959
Herbicidal control of **weeds** in **sweetpotato**, 070215
Couchgrass, an **unnecessary weed** problem. 070169
Note on estimation of **viable weed** seeds in 070226

WEEVILS

Beekeeper & **alfalfa weevil** control program. 070307
Effects of insecticides on **alfalfa weevil** (Hy- 070354
Control of **alfalfa weevil** in Oklahoma. [Hy- 070368
of hydrogen phosphide to adsuki **bean weevil**, 070422
bollworms, tobacco budworms & **boll weevils** 070404
Immature stages of mango **fruit weevil**, Ster- 070993
development of larvae of **granary weevil**, (si- 070781
in laboratory cultures of **granary weevil**, Sit- 071002
of banana pseudostem **weevil, Odoiporus** lo- 070879
variation in resistance to white **pine weevil** 070529
Control of seed **pod weevil** (Ceuthorrhynchus 070382
New Guinea sugarcane **weevil, Rhabdoscelus** 070873
pyrethrins to adults of **rice weevil**, Sitophilus 070338
Notes on **weevils** from **trees** & shrubs in No- 070562

WEIGHT

Heritability estimate of **birth weight** in Ra- 065006
Effect of **body-weight** loss on composition of 063608
energy in relation to their **body weight**. 064843
derivates of phenotiazine on **body weight** ga- 065282
Brain weight, as a function of age in miniat- 064373
Change in **weight** of **buds** & amount of mois- 068602
Bushel weight of sorghum grain. 068814
Empty body weight, dressed **carcass weight** 063608
Composition of **weight change** in pregnant 064966
of reproductive organs & **weight changes** of 064402
cross steers. 1. Empty body **weight, dressed** 063608
Changes in **dry-weight** & water content in h- 070836
Association with egg laying, **egg weight** & a- 064944
Equilibrium weights of Dermacentor variabil- 070752
What should be **weight** of a **fattened** swine? 062484
beef income by raising of **fattening weight**. 064869
Starting & **finishing weight** in swine fatteni- 064650
slips on plant growth, **fruit weight** & quality 068491
Development of technique for **weighing fruits**. 063917
of level o dietary copper on **weight gain**, he- 064438
of beef cattle. 2. Difference in **gain weights** 064709
of phenotiazine on body **weight gain** in farm 065282
on body composition, rate of **weight gains** & 064638
of pig starter meal upon live **weight gains**, f- 064630
of Samorin injections on **weight growth** & m- 064114
methods examplified by live **weight growth** 064781
egg laying, egg weight & adult **hen weight**. 064944
proteins of blood serum & **weight increments** 064490
breed, differentiated at **weight** of 90 **kg**, acc- 064264
Effect of age of parents on **weight** of **lambs** 064474
of preparation Quat to obtain **larger weight** 064797
Features of **weight** & **linear** growth of swine 065102
to study of body forms & **live weights** in auc- 064260
a type of pig starter meal upon **live weight** 064630
boosting methods examplified by **live weight** 064781
of breed & age classification on **live weight** 065012
method for determining **live weights** of aqua- 070817
Effect of body-**weight loss** on composition of 063608
Influence of wind velocity on **weight loss** du- 063970
Effect of **weight loss** on dynamics of valuable 068293
insect larvae, with a note on **weight loss** in 070817
Molecular weights of fractionated bovine mi- 063520
horse spleen apoferritin: **molecular weight** of 064314
In **motion weighing**. [Timbers]. 066409
Effect of **seed weight** on early growth & no- 067902
production in corn plant. I. **Seed weight** as 067955
Log truck **weighing systems**. 066515
s suggestion on improving **weaning weight**. 064194
response to selection for **yearling weight** in 064959

WELFARE

of working & social **welfare conditions** in fo- 062439
Towards welfare of weak. [Rural developme- 062894

WELWITSCHIA

in transfusion tracheids of **Welwitschia**. 066993
of sieve areas in leaf veins of **Welwitschia**. 067024
Pollen of **Ephedra, Welwitschia** & Gnetum. 067003
Welwitschia mirabilis: morphology of seedli- 066941
Welwitschia mirabilis: vascularization of a f- 066942
Welwitschia mirabilis: vascularization of a 066943

WESTERN

A holiday in or near **western Alps** in June- 071179
millipedes from **western** North **America** & a 071202
Sheep fertility in **Western Australia**. 065003
in wheat-growing area of **western Australia**. 069528
to grazed pastures in **Western Australia**. 071741
cultivars to beet yellows & **beet western** yel- 069684
Balance. [Rural housing, **Belgium, Western** 062202
lichens of Thuja plicata in **western British** 066655
on pine stem rusts in **western Canada**. 069281
Air-borne rust inoculum over **western Cana-a** 069286
species of soil mite from **western Colorado** 071193
Lifting & storing **western conifer** seedlings. 066369
pathogenic on corn in **Western Corn** Belt. 069603
Rural housing, Belgium, **Western Europe**]. 062202
surface-gleized soils of **western forest-steppe** 072322
sugar beet cultivation in **Western Germany**. 062608
mistletoe swellings on **western hemlock** cau- 069273
in tree-injector wounds on **western hemlock**. 069511
sets of important grasses in **Western India**. 068038
a new species from South **Western Karoo** (066724
incipient commercialization in **western Laos** 068883
form & height growth of **western larch**. [Ch- 070535
subirrigated meadows in **western Nebraska**. 072158
night in River Stranda, **western Norway**. 070984
selling on federal lands in **western Oregon**. 066273
Air-borne rust inoculum **over western** Cana- 069286
softwoods: white pine, sugar **pine, western** r- 066549
Western Plains Region dairy farm business 062411
Western Plateau Region dairy farm business 062408
basilinea Schiff. in **western pomerania** area. 070365
of tropical soils of **western Puerto** Rico. 071783
Agriculture in **Western Rajasthan**. 062168
fertilizers in south **Western Rajasthan**. [Ind- 072093
juncea) crop in **Western Rajasthan**. 072416
white pine, sugar pine, **western redcedar**, & 066549
certain livestock diseases in **western Siberia** 065839
grown for silage in **Western Siberia**. 068832
hornbeam forests of south-**western Slovakia** 070761
properties of four **western softwoods:** white 066549
Western spruce budworm damage affects fo- 070535
Sampling populations of **western spruce** bu- 070563
Lifting & **storing western** conifer seedlings. 066369

by day & night in River **Stranda, western** 070984
ciliaris at Ukiriguru, **western Tanzania.** 072019
Flights of **western thatching** ant Formica ob- 070872
habits of some **western Theclinae.** 070951
Botanical excursion in **western Tien** Shan. 066644
wild animals in **western Transbaikal** region. 065838
on Cenchrus ciliaris at **Ukiriguru, western** 072019
A new cane variety for **Western Uttar** Prad- 068737
pears, crab apples; **western Washington.** 069917
Douglas-fir forest soil in **western Washington.** 071807
sediment discharge in **western watersheds** of 072421
Drought crack on **western white** pine in nor- 066094
to beet yellows & beet **western yellows** viru- 069684

WET

Picea abies Karst. when applied by **wetting** 070539
Wet concentration process for extraction & 063706
acid as a silage additive for **wet crops** of co- 064064
Effects of drying & **wetting extractable** alum- 071781

WETLANDS

SEE MARSHES

WHALES

in North Atlantic fin-**back whales.** 070683

WHEAT

chloride residues in **wheat.** 063036
for quality evaluation of H.R.S. **wheat.** 063708
qualities of old & new varieties of **wheat.** 063738
storage of leaf protein preparations. [**Wheat** 063760
in view of determining milling. [**Wheat**]. 063769
in thatcher-3B substitution line. [**Wheat**]. 067116
n=42) & Secalotricum (2n=42). [**Wheat**]. 067144
induced in Triticum aestivum [**Wheat**]. 067192
Chemical mutagenesis in **wheat.** 067195
Breeding cereals for quality. [**Wheat**]. 067281
Analysis of aneuploidy of **wheat.** 067320
of seed vigor & field performance in **wheat.** 067931
an artificial test for frost hardiness in **wheat** 067932
seedset on Triticum aestivum L. [**Wheat**]. 067963
development of Triticum aestivum L. [**Wheat**] 067974
its biochemical characteristics. [**Wheat**]. 067990
on initial phases of plant growth. [**Wheat**]. 067996
protoporphyrin. IX. In vitro. [**Wheat**]. 068096
transfer through plant-soil system. [**Wheat**] 068125
resistance against sprouting in **wheat.** 068170
Physiological studies on drought in **wheat.** 068191
fallow methods, & seeding rates for **wheat,** 068646
qualities of old & new varieties of **wheat.** 068694
of application on growth stages of **wheat.** [069246
transmission of Septoria nodorum. [**Wheat**] 069257
in thatcher-3B substitution line. [**Wheat**]. 069306
of Cercosporella herpotrichoides in **wheat.** 069327
consequent field losses in yield of **wheat** (Tr- 069346
Septoria nodorum berk, on **wheat.** 069444
aestivum 'Bulgaria 88' relationship. [**Wheat**] 069481
f. sp. Tritici on ozone injury in **wheat.** 069498
of Septoria nodorum spores on **wheat.** 069527
Westend. causing yellow rust of **wheat,** 1971 069534
of atrazine & linuron to plants. [**Wheat**]. 069998
ethyl & effect on yield of **wheat.** 070065
consequent field losses in yield of **wheat** (Tr- 070336
its three hymenopterous parasites. [**Wheat**] 070345
Tribolium castaneum (Herbst), in **wheat.** 070374
of atrazine & linuron to plants. [**Wheat**]. 071746
transfer through plant-soil system. [**Wheat**] 071865
on yield attributes & quality of **wheat.** 072024
on yield of triple-dwarf "UP 301" **wheat** (Tr- 072075
of flour from different varieties of **wheat.** 063691
marketing quotas & **allotments, wheat** certif- 063013
Spring tillage of **wheat** in **Amur** Region. 072320
of protein content in **wheat applicable** in ge- 067378
Rationale for **baking wheat-,** gluten-, egg-, & 063301
grain variety trials: 1972. [**Barley, wheat,** o- 068751
Very early seeding of **wheat & barley.** 068776
Stem rust of **wheat, barley,** & rye in Canada 069287
geotropic reaction of plants. [**Wheat, beans**] 067403
in plants adapted to drought. [**Beans, wheat** 068167
a Soviet variety to **boost wheat** production. 068665
Comparisons of soil-**borne wheat** mosaic vir- 069686
Report of state of a **wheat box**-backing expe- 063694
formation of aroma complex of **wheat bread** 063781
of gliadin composition in **bread wheat,** Triti- 067130
winter wheat for quality in **Wheat Breeding** 067216
Gentic basis for **breeding wheat** for grain qu- 067218
Means of **breeding wheat** for high grain qual- 067219
Wheat breeding in Czechoslovakia. 067279
Winter **wheat breeding**--its trends & selecti- 067338
in distribution of infestations of **wheat bulb** 070322
Leaf rust of **wheat** in **Canada** in 1972. [Pucc- 069288
Marketing of **Canadian wheat:** a description 062735
resistance & productivity of **certain wheat** v- 069441
quotas & allotments, **wheat certificates,** Co- 063013
regarding effects of **wheat cleaning** process 063855
of preceding crops on yield of **wheat** & **corn** 068618
incidence of plant disease? [**Corn, wheat**]. 069817
of preceding crops on yield of **wheat** & **corn** 071727
Application of fertilizers to **wheat** & **corn** u- 072074
incidence of plant disease? [**Corn, wheat**]. 072266
poultry of common bunt of **wheat** & **covered** 066069
South Africa & **wheat cropping.** 062180
powdery mildew causal agent on **wheat crops** 069417
of a standard & a semi-dwarf **wheat cultivar** 068626
inflorescnece in hexaploid **wheat cultivars** w- 066963
fertilizer on three spring **wheat cultivars.** 067925
incompatibility between **wheat cytoplasm** & 067370
baking quality of **wheat damaged** by Eurygа- 070335
control of wild oats in **wheat** with **di**-allate 069944
drops on leaf surfaces of **different wheat** var- 069414
ammonium nitrate to **wheat** under **different** 068044
presented at **Durum** & **Dough** Products Mee- 063819
at different seeding rates for **dryland wheat** 068648
in products derived from **durum wheat:** Co- 063819
Combining ability in **durum wheat:** i. Agron- 067102
measure genetic divergence in **durum wheat** 067123
study on rice polishing & **wheat dust** as a s- 064720
of a standard & a semi-**dwarf wheat** cultivar 068626
among yield components in **dwarf wheats.** 068727
of a standard & a semi-**dwarf wheat** cultivar 071996
Response of **dwarf wheat** (Triticum aestivum 072105
suppresses take-all of **wheat** in **eastern** Was- 069479
irradiation of components of **wheat embryo** 067910
Embryoless wheat grain. A natural system f- 068109
Canadian grain standards & **wheat export** m- 062724
Two newcomers to our **wheat fields:** Kasteel 068662
Glutenin-- strength protein of **wheat flour.** 063707
on mechanical development of **wheat flour** d- 063759
viscometric method to study of **wheat flour** 063764
peroxidase isoenzymes in **wheat germination** 067887
Rationale for baking **wheat-, gluten-,** egg-, & 063301
soya bean meal, horse beans & **wheat gluten** 064635
changes of proteins of **wheat grain** during d- 063780
of beta-amylase activities in **wheat grain.** 067078
Genetics of traits of winter **wheat grain** qual- 067217
amino acids in soft **wheat grain** in cases of i- 067222
of protein accumulation in **wheat grain.** 068024
in improving quality of winter **wheat grain** in 068028
amounts & improving quality of **wheat grain** 068030
Embryoless **wheat grain.** A natural system f- 068109
Primary ways of improving **wheat grain** qual- 068695
On measures for improving **wheat grain** qual- 068697
capacity & quality in winter **wheat grain** in 068698
progress in improving **wheat grain** quality u- 068700
for improving quality of winter **wheat grain** 068701
Spring **wheat grain** quality in cis-Ural region 068704
cultural conditions on quality of **wheat grain** 068706
for improving quality of winter **wheat grain.** 068707
Change in quality of **wheat grain** in relation 068708
yield & quality of winter **wheat grain** & pla- 068750
changes in winter **wheat grain** damaged by 070334
qualtity of irrigated winter **wheat grain** in d- 071981
Yield & qualtiy of winter **wheat grain** in lea- 072064
on yield & quality of winter **wheat grain** in 072221
on yield & quality of winter **wheat grain.** 072472
on properties of starch in **wheat grains.** 067988
two closely related species of **wheat group.** 067165
of Hordeum leporinum in **wheat-growing** ar- 069528
fertilizer levels on yield of **wheat grown** on 072232
activities of **hard wheats** & browning of paste 063720
grain quality of strong & **hard wheats** in Vo- 068712
Hard wheats of high yields. 068745
Characters of **wheats** from **harvest.** 068176
of inflorescnece in **hexaploid wheat** cultivars 066963
Quality of some winter **wheat hybrids** cultiv- 068186
Primary ways of **improving wheat** grain qual- 068695
On measures for **improving wheat** grain qual- 068697
progress in **improving wheat** grain quality u- 068700
in agriculture. [Rice, **wheat, India**]. 062307
armigera Hubn. as a pest of **wheat** in **India** 070343
value of by-products of **wheat industry.** II. 063229
utilization in healthy & **infected wheat** plan- 069436
Cytogenetic study of **wheat interspecific** hyb- 067163
in connection with **irrigating wheat.** 072072
Irrigating wheat in Volga region. 072407
Wheat irrigation in Israel. 072418
gelatinization behaviour of **large wheat** star- 063814
after heat hardening of **wheat leaves** of diffe- 068183
dioxide] & light by maize & **wheat leaves** ad- 067965
antioxygenous activity of **wheat, maize,** & b- 068138
with maize in crop rotation of **wheat-maize.** 068851
nuclear proteins of winter **wheat meristems** 067984
Lodging studies in **Mexican wheats** in relati- 068037
Wheat from **Mironowsk.** [Breeding]. 067278
Comparisons of soil-borne **wheat mosaic** vir- 069686
recieved from crossing spring **wheat mutant** 067071
chloride by **wheat, oats** & barley plants. 068195
variety trials: 1972. [Barley, **wheat, oats**]. 068751
variety tests, 1972. [Barley, **oats, wheat**]. 068782
uptake by five plant species. [**Wheat, oats,** 069829
quality of winter-& spring **wheat obtained** by 067213
derived from flours & **parent wheats.** 063709
water absorption of **wheat** with **parts** of roo- 068078
activity & soil moisture. [**Peas, wheat**]. 067393
surface; a yes for no-tillage. [**Wheat, peas**]. 072296
of corn fields for winter **wheat planting** in s- 072316
methylphosphonofluoridates in **wheat plants** 068093
Proper stage for inoculation of **wheat plants** 069355
in healthy & infected **wheat plants.** 069436
methylphosphonofluoridates in **wheat plants** 070723
of rye plants pollinated with **wheat pollen.** 067039
of causal agent of **wheat powdery** mildew in 069420
Relationships among **wheat prices** paid to 062734
properties of **wheat** & some **principles** of br- 067224
seeding rates for dryland **wheat production.** 068648
a Soviet variety to boost **wheat production.** 068665
seeding rates for dryland **wheat production.** 071539
structure & hydration of **wheat proteins** & s- 063740
to rusts & glume **pubescence wheat** (Triticum 067268
plant disease spread. [**Wheat, Puccinia** gram- 069308
organic fertilizers on winter **wheat quality** in 072065
Behaviour of microflora of **wheat related** to 063855
its productivity in agriculture. [**Rice, wheat,** 062307
Production of protein-**rich wheat** by mutati- 067286
Wheat root rots occurring on nonirrigated l- 069409
synthetic activity of winter **wheat roots.** 067994
Puccinia recondita f. sp. Aritici. [**Wheat, ru-t** 067109
Grades (standards) of **wheat** & **rye** grain. [F- 063156
enhancing seed germination. [**Rye, wheat**]. 070018
of complex fertilizers on **wheat,** on **sands** of 072206
stations) consignments of **wheat satisfying** r- 063741
metabolism of winter **wheat seedlings.** 067985
on growth of **wheat seedlings.** 068086
chloride] in **wheat seedlings.** 068133
of thiols in radiosensitivity of **wheat seeds.** 068141
factors on thiol level in **wheat seeds** & their 068143
supplementation of **wheat-shorts** with prote- 063229
in laboratory tests. [**Wheat, slugs**]. 069809
of technological properties of **soft wheat** of 063739
studies concerning detection of **soft wheats** 063819
interchangeable amino acids in **soft wheat** g- 067222
quality in intraspecific hybrids of **soft wheat** 067223
Effect of fertilizers on quality of **soft wheat** 072066
residues on following cropping. [**Soils, wheat**] 069751
recieved from crossing **spring wheat** mutant 067071
mutation process of **spring wheat** (Triticum 067182
of grain quality of winter-& **spring wheat** ob- 067213
Breeding **spring wheat** for increasing grain 067214
Method of breeding **spring wheat** for disease 067261
On breeding **spring wheat** for irrigated farm- 067263
establishing new varieties of **spring wheat.** 067264
Breeding **spring wheat** for irrigation farming 067356
of certain growth indices of **spring wheat** in 067892
of nitrogen fertilizer on three **spring wheat** 067925
mutation process of **spring wheat** (Triticum 068020
Baking quality of **spring wheat** as affected 068687
Spring wheat grain quality in cis-Ural region 068704
Study of winter & **spring wheat** varieties w- 068711
high yielding hard red **spring wheat** variety. 068773
Autumn seeding of Svenno **spring wheat.** 068824
Stubble crops of **spring wheat.** 068856
Root rot of **spring wheat** & test of antibioti- 069566
for Avena fatua control in **spring wheat** & b- 070041
for use in winter & **spring wheat.** 070177
on yield & quality of hard **spring wheat** in 072118
involving Olesen's Dwarf **spring wheat.** 067105
surface of root system of **spring wheat** in no- 068192
strains for revelation of **wheat stem** rust pa- 069435
comparative study of bagasse & **wheat straw** 063371
Ward: a high yielding, strong-**strawed durum** 068777
disease with symptoms of **wheat striate** & r- 069726
Basis for obtaining **strong wheats** in Ukraine 072067
yield & quality studies. [**Wheat, sugar** beets, 068758
effect of sym-triazines on **wheat** & **sugar** bee- 070159
reductase activity in roots of **summer wheat** 068006
Growth & ion uptake by **wheat supplies** nitr- 068126
Growth & guttation of **wheat treated** or not 068148
composition in bread **wheat, Triticum** aestiv- 067130
of application on yield of **unirrigated wheat** 072084
Fatty acids in **wheat varieties** consumed in 063761
Breeding winter **wheat varieties** with high-q- 067220
Wheat varieties for late winter & spring sow- 067339
signal traits of winter **wheat varieties** & the- 067387
Mironowskaja 808 & Fakir **wheat varieties** 067979
temperature drop in winter **wheat varieties** 067987
field conditions on winter **wheat varieties,** & 068023
Performance of **wheat varieties** under un-irr- 068613
quality of 4 intensive winter **wheat varieties** 068689
Study of winter & spring **wheat varieties** w- 068711
Yields & behavior of winter **wheat varieties** 068805
Wheat varieties for late winter & spring sow- 068807
Bulgarian & other soft **wheat varieties** (Trit- 068816
repentis & performance of **wheat varieties** a- 069359
on leaf surfaces of different **wheat varieties.** 069414
productivity of certain **wheat varieties** & the- 069441
to brown rust in winter **wheat varieties.** [Pu- 069550
Performance of **wheat varieties** under un-irr- 071968
properties of Bezostaia i **wheat variety.** 068029
high yielding hard red spring **wheat variety.** 068773
high yielding, strong-strawed **durum variety** 068777
of harvesting dates for winter **wheat variety** 068845
properties of Bezostaia i **wheat variety.** 072068
observations on occurence of **wheat virus** di- 069726
Combining ability in **durum wheat:** i. Agron- 067102
measure genetic divergence in **durum wheat** 067123
wheats in products derived from **durum whe-t:** 063819
with diets based on grain. I. **Whole wheat** p- 064643
of mutational variability in **winter wheat** un- 067158
of breeding base of soft **winter wheat.** 067215
Genetics of traits of **winter wheat** grain qual- 067217
Breeding **winter wheat** varieties with high-q- 067220
New varieties of **winter wheat** & their grain 067221
Winter wheat breeding--its trends & selecti- 067338
in reciprocal crosses of **winter wheat.** 067368
Genetic signal traits of **winter wheat** varieti- 067387
acids & nuclear proteins of **winter wheat** me- 067984

chloroplasts & metabolism of **winter wheat** 067985
with temperature drop in **winter wheat** vari- 067987
synthetic activity of **winter wheat** roots. 067994
seed quantity on quality of **winter wheat.** 068018
crops & field conditions on **winter wheat** var- 068023
yield & quality of spring & **winter wheats** in 068026
of different varieties of **winter wheat.** 068027
in improving quality of **winter wheat** grain in 068028
frost resistance of **winter wheat.** 068072
uptake & utilization in **winter wheat.** 068146
Nutrition of **winter wheat** on basis of a met- 068147
Quality of some **winter wheat** hybrids cultiv- 068186
on yield & quality of **winter wheat** in bog-p- 068196
On growth & development of **winter wheat** 068199
Soilwater storage & yield of **winter wheat** in 068647
baking quality of spring & **winter wheats** fr- 068688
bread quality of 4 intensive **winter wheat** va- 068689
seed quantity on quality of **winter wheat.** 068693
yield capacity & quality in **winter wheat** gra- 068698
for improving grain quality in **winter wheat** 068699
for improving quality of **winter wheat** grain 068701
Grain quality of irrigated **winter wheat** in s- 068702
improving grain quality of **winter wheat** in 068703
for improving quality of **winter wheat** grain. 068707
between yield & quality of **winter wheat** gra- 068750
of winter barley & **winter wheat** in Maryla- 068759
New possibility of increasing **winter wheat** y- 068786
Yields & behavior of **winter wheat** varieties 068805
yield & technological value of **winter wheat** 068827
Effect of harvesting dates for **winter wheat** 068845
significance of crops preceding **winter wheat** 068870
Powdery mildew on **winter wheat** & its yiel- 069453
herpotrichoides Fron in **winter wheat.** 069466
of resistance to brown rust in **winter wheat** 069550
Viral diseases of **winter wheat.** 069657
patterns of forage crops & **winter wheat** in 069772
Weed control in **winter wheat** in eastern wa- 069988
Late spraying of **winter wheat.** [Herbicides] 069992
annual broad-leaves weeds in **winter wheat** 069993
of Alopecurus myosuroides in **winter wheat.** 069994
of Alopecurus myosuroides in **winter wheat.** 070066
control of Avena fatua in **winter wheat.** 070067
Physicochemical changes in **winter wheat** gr- 070334
yield & qualtity of irrigated **winter wheat** g- 071981
Yield & qualtiy of **winter wheat** grain in lea- 072064
organic fertilizers on **winter wheat** quality in 072065
methods on yield & quality of **winter wheat** 072069
root fertilizer supplements on **winter wheat** 072116
for nitrogen fertilizers on **winter wheat** und- 072125
of fertilizers on yield of **winter wheat.** 072136
on yield & quality of **winter wheat** grain in 072221
urea & ammonium nitrate to **winter wheat.** 072222
properties of soil under **winter wheat.** 072251
Tillage of corn fields for **winter wheat** plant- 072316
of irrigation for spring & **winter wheat** in l- 072411
water on yield & quality of **winter wheat** gr- 072472
Studies on **wheat world** collection for select- 067063
possibility of increasing winter **wheat yield** 068786

WHEATGRASS

Wheatgrass response to seasonal applications 072115

WHEEL

"Research on **wheels"** an aid for research, d- 070046
Four-**wheel braking** of farm tractors. 071571
speeds of wheels of a four-**wheel drive** tract- 071583
Behaviour of wheels of four-**wheel drive** trac- 071584
A mating **information wheel** for seasonal he- 065038
Engineering] Mk II **single wheel** tester. [Tr- 071600

WHEY

of untreated cottage **cheese whey** by electro- 063524
Fractionation of **whey proteins** & casein of 063519
on fractionization of **whey** by **ultrafiltering** 063491
Feasibility of **whey utilization** for production 063558

WHITE

of Estonian bacon & Estonian **Big White** br- 064926
mouth disease immunisation on **white blood** 065581
effect of ascorbic acid in **white bread** proces- 063700
bacon & Estonian Big **White breeds** on basis 064926
Brreeding white Nerines. 067331
Virginia, wrapper, cigar-filler & **white burley** 069213
response in cabbage **white butterfly,** Pieris 070859
Fertilizer experiments with **white cabbage** f- 072043
Suffolk Red" & **"Cayuga White"** new grapes 068997
pratense var. Redhead), **white clover** (Trifol- 064727
controlling varietal identity in **white clover** 067901
early growth & nodulation of **white clover.** 067902
in Trifolium repens L. [**White clover**]. 068015
in crop from a ryegrass--**white clover** pasture 068208
of measures for **controlling white** muscle dis- 065992
Report on study of **diseased white** pine in e- 066154
Large White, Russian Long-**eared White** sw- 064840
self-incompatible lines of **white early** cabba- 067146
Injury to **eastern white** pine by sulfurdioxide 066089
Coleoptera: Curculionidae) by **eastern white** 070529
fractionation of chicken **egg white** ovomucin 063682
Snow **white elecampane** (Inula candida) a t- 066743
Post-planting cultivation aids old **field white** 066390
losses in production of red & **white fir** plyw- 066546
To what degree can **white grapes** be used in 063980
on population dynamics of **white grubs,** Phy- 070794
properties of pigs of **White Improved** breed, 064264
of chrysanthemum **Improved White** Mefo to 072039
of red vintage; semi-**industrial white** vinificat- 064009
mixed breed swine. [Large **White, Landrace**] 065100
in pork from Hungarian **Large White** & from 063602
Histogenesis of muscle tissue of **Large White,** 064506
relative to type of feeding. [**Large White,** R- 064840
with 62.5 percent blood of **Large White** & 064909
of swine of various breeds. [**Large White,** M- 065102
useful traits in swine. [**Large, White,** Mirgo- 065105
an insect vector of sugarcane **white leaf** dise- 069705
Fine structure of green & **white leaves** of P- 067022
on quality of **egg** shell in **White Leghorn** & 064405
esterase of blood serum in **White Leghorn** & 064579
second laying years of **White Leghorn** & La- 065004
on productive behaviour of **White Leghorn** 064406
of spectral components from **white light** on 067951
Genetics of rose, an allele of **white locus** in 070912
calf fattening for producing **white meat.** 064400
of chrysanthemum Improved **White Mefo** to 072039
of muscle tissue of Large **White, Mirgorod** 064506
traits in swine. [Large, **White, Mirgorod,** Pi- 065105
of plant distribution in **White Mountains,** e- 066839
of measures for controlling **white muscle** dis- 065992
during maturation of seeds of **white mustard** 063396
Brreeding **white Nerines.** 067331
fractionation of chicken egg **white ovomucin** 063682
White peach scale (Pseudaulacaspes penta- 070800
orchids: ascendancy of **white phalaenopsis.** 068939
Injury to eastern **white pine** by sulfurdioxide 066089
Drought crack on western **white pine** in nor- 066094
Report on study of diseased **white pine** in e- 066154
of four western softwoods: **white pine,** sugar 066549
Curculionidae) by eastern **white pine** (Pinus 070529
Secondary pests of Douglas-fir & **white pine** 070556
photoassimilated by young **white pines** in la- 068517
deeping quality of Indian **plantation white** s- 063131
intensive calf fattening for **producing white** 064400
somatic toxocara canis larvae in **white rats.** 065599
level in blood plasma of **White Rock** chicke- 064558
Acid-alkaline balance in **White Rock** chicke- 064559
of fungicides for control of **white root** rot di- 069367
to type of feeding. [Large **White, Russian** L- 064840
in crop from a **ryegrass--white** clover pasture 068208
Snow white elecampane (Inula candida) a t- 066743
capacity to strawberries by **white spot** & gr- 069833
cultivation aids old field **white spruce** planta- 066390
process for manufacture of **white sugar.** 063743
an insect vector of **sugarcane white** leaf dise- 069705
quality of Indian plantation **white sugars.** 063131
White sweelings caused on tomato & okra by 070469
methods of matching. [Large **White swine**]. 064505
White, Russian Long-eared **White swine**]. 064840
methods of matching. [Large **White swine**]. 065101
vintage; semi-industrial **white vinification** te- 064009
Drought crack on **western white** pine in nor- 066094
Differentiating of **white wine** varieties by se- 063981
C[arbon] photoassimilated by **young white** 068517
growth of rabbits of **White** New **Zealand** & 065203

WHITEFLIES

Greenhouse whitefly, Trialeurodes vaporario- 070477

WHOLESALE

Solid waste management in **wholesale food** 072557

WILD

Some new herbicides effective **against wild** 070023
diseases common to livestock & **wild animals** 065838
scab & Cytospora infection in **wild apples** in 069567
Wild birds & chemicals. [Pollution]. 072529
of adventive embryos of **wild carrot.** 066935
Aphidodea, Homoptera) on **wild cruciferous** 070287
California's **desert wild** flowers. 066675
interrelationship between **wild** & **domestic** 065844
California's desert **wild flowers.** 066675
WGF [**wild game** feed], a grain sorghum for 068797
Influence of **wild hoofed** animals on forest r- 066111
bacteriostatic properties of **wild, medicinal** 069602
on a joint survey of presence of **wild oat** se- 070017
A study on survival of **wild oats** (Avena fatua 067463
Wild oats & animal feedstuffs. [Avena fatua] 069935
Chemical control of **wild oats** in wheat with 069944
new herbicides effective against **wild oats.** [070023
Wild oats, where next? [Avena fatua, control 070039
against Avena fatua L (spring **wild oats**). 070058
Factors affecting control of **wild oats** in rap- 070106
Wild oats. [Avena fatua, Avena ludovicana] 070138
for postemergent destruction of **wild oats** (070163
Destruction of **wild oats** in cereals. [Avena 070183
Types of **wild oats** in Sweden. [Avena fatua] 070213
significance of cultivated & **wild plants** in S- 072273
Variation in **wild populations** of Papaver du- 067167
Variation in **wild populations** of Papaver du- 067168
Rhythms of activity of **wild rabbit** & Mongo- 064581
in plans for domestication of **wild ruminants** 065321
Status of **wild & scenic** rivers system. 072540
of spinal cord of domesticated & **wild sheep** 064270
against Avena fatua L (**spring wild** oats). 070058
Behavior of **wild swine** compared to behavior 064519
Investigation of **wild tea** plants in Nantou, 066810
Neurophysiology of flight in **wild-type** & a 070973

WILDERNESS

What **Wilderness Act** means. 062910
Is **Wilderness Act** working? 062911
What **Wilderness Act** means. 072541
Is **Wilderness Act** working? 072545
Preserving de **facto wilderness.** 072549
Wilderness & natural areas in Southeast. 072539
Preserving wilderness through state legislat- 062908
Preserving wilderness through state legislat- 062909
Preserving wilderness through state legislat- 072537
Preserving wilderness through state legislat- 072538
support for a **wilderness proposal.** 072548
Preserving **southeastern wilderness.** 072546
How to make a **wilderness study.** 072547

WILDLIFE

of plants important to **wildlife** in **Gulf** Coast 067835

WILLOWS

of various poplar & **willow species** & clones 069782

WILT

of Stemphylium sarciniforme (Cav.) **Wilt.** C- 066908
against Fusarium [oxysporum lini] **wilt.** 069357
of Stemphylium sarciniforme (Cav.) **Wilt.** C- 069578
devise rapid screening test for **alfalfa wilt.** 069599
Inheritance of resistance to **bacterial wilt** di- 067298
Bacterial wilt of Cassava (Manihotis utiliss- 069582
Fusarium [oxysporum] **wilt** of **bananas** in T- 069295
Fusarium [oxysporum] **wilt** of **bananas** in Ta- 069301
udum associated with **wilt** of **Cajanus** cajan 069352
in virulence of Verticillium **wilt causal** agent 069403
Fusarium oxysporum f. lathyri **causing wilt** 069368
dahliae Kleb., a causal agent of **cotton wilt.** 069405
Verticillium **dahliae wilt** of Rosa rugosa. 069233
on cotton varieties showing **different wilt** re- 069403
of resistance to bacterial **wilt disease** in tob- 067298
Control of footand **wilt diseases** of tomatoes 069338
lini (Bolley) Snyder & Hansen. [**Wilt, flax**] 069350
Control of **footand wilt** diseases of tomatoes 069338
Kleb., a causal agent of stone **fruit wilt.** 069406
Fusarium wilt of nutmeg seedlings (Myrstica 069309
correlated with a reduction of **Fusarium wilt** 069506
var. parasiticum & incidence of **gram wilt.** 069364
osysporum f. melonis. [**Muskmelon wilt**]. 069365
Oak wilt in eastern North Carolina. [Chala- 069521
varieties showing different **wilt resistance.** 069403
A correlation between **wilt resistance** levels 069404
Oxysporum vasinfectum] **wilt-root**-knot ne- 067115
Fluctuations in virulence of **Verticillium wilt** 069403

WILTING

advantages of industralised **wilted ensilage** p- 062502
use of E 301 & E 280 for **wilted ensilage** pr- 064055
Causes of **mass wilting** of melons in Kzyl-O- 069565

WIND

on net radiation, solar radiation & **wind.** [P- 066862
Wind-induced root movements in forest trees 068534
equipment for fruit tree. 2. **Wind measuring** 068959
Effect of various **wind penetration** & openne- 066163
Temperature, moisture & **wind-speed** in dry- 063973
citrus fruits. III. Influence of **wind velocity** 063970

WINDBREAKS

stable yields in Volga region. [**Windbreaks**] 066101
effectiveness of **forest windbreaks.** 066102
Living windbreaks. 066130

WINDFALLS

Forest fire of **windfall trees.** 066095
Suggestions for marketing of **windfall wood** 066445

WINDOW

Plants for **window boxes.** [Varieties]. 069095

WINDTHROW

Windthrow. [Forest trees]. 066141

WINE

for developing manufacture of **wine.** 062595
multiway cock for rational sampling of **wines.** 063984
from point of view of Austri an **wines.** 063985
Leucoanthocyanins of grape & **wine.** 063998
glycerine & 2,3-butylene glycol in **wines.** 064004
Determining sugar content of **wine.** 064031
in volatile substances of **wine** during **aging** 064024
Detection of lead in **wines** with **aid** of Arsaz- 064025
of yeast strains used in natural **apple wine** 063871
in Simnic & Banu Maracine **wine centers** fr- 064019
aromatic substances of **wine & champagne.** 064021
Optimal storage of **wine, comparison** of con- 063872
of results of 1st International **Wine Contest** 063985
Wine & **wine** from **fruit.** 063903
Statistical survey of 1972. [**Wine industry**] 062834
of results of 1st **International Wine** Contest 063985
Saccharomyces bayanus. [**Wine manufacture** 064022
On processing **wine-manufacture** residues. 064026
obtained in Simnic & Banu **Maracine wine** 064019
of invertasse in **wine** by **polyacrylamid** gel e- 063982

Amino acid composition of **wines prepared** u- 063995
Biological stability of **wines processed** with 064006
On **processing wine**-manufacture residues. 064026
used in natural apple **wine production.** 063871
of irradiation on juice sugars & **wine quality** 063996
New **wine rating.** 063212
white grapes be used in making of **red wine** 063980
Heat effect on fermentation of **red vintage;** 064009
on chromatic qualities of grapes & **red wines** 064020
Lactones in **wines**--a **review.** 063873
Statisctisc of **wine stocks** & storage capacity 062797
Differentiating of white **wine varieties** by se- 063981
Wine & **wine** from fruit. 063903
Development of **young wine.** 064033

WINERIES
Survey of **wineries** & **grape** processing plants 062821

WING
gamma irradiation on **wingbeat frequencies** 070874

WINTER
in Thoroughbred horse blood in **winter.** 064244
distribution of feeds during **winter.** 064715
cultivars at three times of **winter.** 068298
of low water content in tree buds in **winter** 068562
Prune roses in **winter:** Why not? [Rosa]. 069134
A Cornish garden in **winter.** 069137
Organization of harvesting **winter aftercrops** 062417
puresown rye grown as a **winter aftercrops.** 072162
Quality of grain & malt of **winter barley** var- 063689
Mutations in spring & **winter barley** obtain- 067175
productivity of Estonian **winter barley** varie- 068619
Performance of **winter barley** & winter whe- 068759
Contribution to **winter barley** agrotechnique 068878
Coastal bermudagrass hay for **wintering beef** 064848
Tobacco flea **beetle overwintering** & spring 070357
Breeding winter wheat varieties with high-q- 067220
trees. III. Occurrence of **overwintering cells** 066982
of Alopecurus myosuroloes in **winter cereals** 070062
chemical composition of **certain winter** leg- 068815
Brahman-cross cows to a **common wintering** 064854
of fall fallow land planted in **winter crops** in 072308
spring wheat obtained by **crossing winter** fo- 067213
productivity of **Estonian winter** barley varie- 068619
in grape shoots during **fall-winter** period. 068380
Supplying minor elements in **winter feeding** 064875
Significance of hay quality in **winter feeding** 064878
Winter-flowering shrubs: Hamamelis species 068474
wheat obtained by crossing **winter forms** wi- 067213
Winter garden at Cambridge. 066599
Cold tolerance & **winter hardiness** in Lolium 068049
Organization of **harvesting winter** aftercrops 062417
How to ensure **high winter** rapeseed yields 068667
New possibility of **increasing winter** wheat y- 068786
month of sowing in a late-**winter indica** rice 068724
flour & bread quality of 4 **intensive winter** 068689
Grain quality of **irrigated winter** wheat in s- 068702
on yield & qualtity of **irrigated winter** wheat 071981
composition of certain **winter legumes** & cer- 068815
Summaries of papers read at **winter meeting** 064118
Overwintering of **pea** seedborne mosaic virus 069689
Overwintering of **Pelophila** borealis Payk. I 070985
in grape shoots during fall-**winter period.** 068380
significance of crops **preceding winter** wheat 068870
Winter protection for roses. 069186
Tolerance of alachlor in **winter rape** depend- 070132
Weed control in **winter rape.** 070176
assimilis Payk.). on **winter rape.** 070382
Ceuthorrynchus assimilis Payk. [**Winter rape,** 070383
assimilis Payk. [**Winter rape,** insect pests]. 070384
How to ensure high **winter rapeseed** yields 068667
Effect of **winter rye** grown in monoculture 068617
Puma, a new cultivar of **winter rye.** 068637
Effect of **winter rye** grown in monoculture 071726
fertilization & rhizosphere of **winter rye** on 071844
quality of breeding base of **soft winter** wheat 067215
Breeding hard & **soft winter** wheat for quali- 067216
Study of grain quality of **winter-& spring** w- 067213
Wheat varieties for late **winter & spring** sow- 067339
Study of **winter & spring** wheat varieties w- 068711
Wheat varieties for late **winter & spring** sow- 068807
for control of Avena spp. in **winter & spring** 070063
preparations for use in **winter & spring** whe- 070177
of dicotyledons in **winter & spring** cereals. 070184
estimates of **overwintering survival** of Quee- 071006
cross cows to a common **wintering system.** 064854
of mutational variability in **winter wheat** un- 067158
of breeding base of soft **winter wheat.** 067215
Breeding hard & soft **winter wheat** for quali- 067216
Genetics of traits of **winter wheat** grain qual- 067217
Breeding **winter wheat** varieties with high-q- 067220
New varieties of **winter wheat** & their grain 067221
Winter wheat breeding--its trends & selecti- 067338
in reciprocal crosses of **winter wheat.** 067368
Genetic signal traits of **winter wheat** varieti- 067387
acids & nuclear proteins of **winter wheat** me- 067984
chloroplasts & metabolism of **winter wheat** 067985
with temperature drop in **winter wheat** vari- 067987
synthetic activity of **winter wheat** roots. 067994
seed quantity on quality of **winter wheat.** 068018
crops & field conditions on **winter wheat** var- 068023
of different varieties of **winter wheat.** 068027
in improving quality of **winter wheat** grain in 068028
frost resistance of **winter wheat.** 068072
uptake & utilization in **winter wheat.** 068146
Nutrition of **winter wheat** on basis of a met- 068147
Quality of some **winter wheat** hybrids cultiv- 068186
on yield & quality of **winter wheat** in bog-p- 068196
On growth & development of **winter wheat** 068199
Soilwater storage & yield of **winter wheat** in 068647
bread quality of 4 intensive **winter wheat** va- 068689
seed quantity on quality of **winter wheat.** 068693
yield capacity & quality in **winter wheat** gra- 068698
for improving grain quality in **winter wheat** 068699
for improving quality of **winter wheat** grain 068701
Grain quality of irrigated **winter wheat** in s- 068702
improving grain quality of **winter wheat** in 068703
for improving quality of **winter wheat** grain. 068707
between yield & quality of **winter wheat** gra- 068750
of winter barley & **winter wheat** in Marylа- 068759
New possibility of increasing **winter wheat** y- 068786
Yields & behavior of **winter wheat** varieties 068805
yield & technological value of **winter wheat** 068827
Effect of harvesting dates for **winter wheat** 068845
significance of crops preceding **winter wheat** 068870
Powdery mildew on **winter wheat** & its yiel- 069453
herpotrichoides Fron in **winter wheat.** 069466
of resistance to brown rust in **winter wheat** 069550
Viral diseases of **winter wheat.** 069657
patterns of forage crops & **winter wheat** in 069772
Weed control in **winter wheat** in eastern wa- 069988
Late spraying of **winter wheat.** [Herbicides] 069992
annual broad-leaves weeds in **winter wheat** 069993
of Alopecurus myosuroides in **winter wheat.** 069994
of Alopecurus myosuroides in **winter wheat.** 070066
control of Avena fatua in **winter wheat.** 070067
Physicochemical changes in **winter wheat** gr- 070334
Yield & qualtiy of **winter wheat** grain in lea- 072064
organic fertilizers on **winter wheat** quality in 072065
methods on yield & quality of **winter wheat** 072069
root fertilizer supplements on **winter wheat** 072116
for nitrogen fertilizers on **winter wheat** und- 072125
of fertilizers on yield of **winter wheat.** 072136
on yield & quality of **winter wheat** grain in 072221
urea & ammonium nitrate to **winter wheat.** 072222
properties of soil under **winter wheat.** 072251
Tillage of corn fields for **winter wheat** plant- 072316
of irrigation for spring & **winter wheat** in l- 072411
water on yield & quality of **winter wheat** gr- 072472
on yield & qualtiy of irrigated **winter wheat** 071981
yield & quality of spring & **winter wheats** in 068026
baking quality of spring & **winter wheats** fr- 068688

WINTHEMIA
A revision of **genus Winthemia** Robineau-De- 071135

WIREWORMS
Wireworms--enemy to sugarbeet tap roots & 070391

WITCHES
carrier of potato **witches' broom** disease. 069615

WITHANIA
of embryo sac in **Withania somnifera.** 067019

WITLOOF
SEE ENDIVE

WOMEN
Women in **horticulture.** 069050

WOOD
approach to land management. [**Woodlands**] 066189
Some words about market. [**Wood**]. 066435
properties in sandwich boards. II. [**Wood**]. 066438
Fire resistance of **wood.** 066470
of examining electrical conductivity of **wood** 066476
usefulness of substitution processes. [**Wood**] 066477
influence on mechanical properties of **wood** 066479
Prevent warping & cracking of **wood.** 066480
Viscoelasticity & structure of **wood.** III. Te- 066489
Retention of liquids in **wood.** 066502
of fire-retardant treatment of **wood.** 066552
Austrian periodical record of **wood actually** 066171
analogs of species of **woody Angiospermae** of 066683
Pottery fraqments & **antique woods** at Eyzin 066802
of a small southwest **Arkansas woodlot** for 066191
Changing nature of **available wood.** 066414
of radiation chemistry modifying **birch wood** 066494
Pest status of British **wood-boring** insects. 070528
Wooden boxes for packing of fruits. 063906
Pest status of **British wood**-boring insects. 070528
angle & fiber length in trunk of **Buna wood.** 068554
polymerization of lactide in **wood cell** wall. 066493
on manufacturing of **wood** based **cement** boa- 066450
Effect of composed ratio of **wood-cement** & 066454
Practical properties of **wood** based **cement** 066566
Changing wood supply--identifying problem. 066413
Application of **wood chips** technology in ind- 066468
Compression debarking of **wood chips.** 066554
Principles of **complex wood** utilization at pr- 066474
Mechanics of **compression wood** response. II 068580
for conferous timber. [**Wood consumption**]. 066434
Wood consumption, total drain & forest bal- 066440
of Fomes applanatus. [heartrot, **wood decay**] 066519
Freezing **decayed wood** to facilitate ring co- 066305
A note on variation in **wood density** in some 066338
chemistry modifying birch **wood depending** 066494
volume changes of air **dried wood.** 066525
Wood drying controlled by electronic data p- 066466
research in forestry & **wood**-based **economy** 066080
Study on **wood formation** in trees. III. Occ- 066982
distribution of compression **wood formation.** 068580
features of Acer saccharum **wood formed** aft- 066961
of Fomes applanatus. [**heartrot, wood** decay] 066519
of efficient work. [Saws, **wood industries**]. 066526
50 Anniversary of **Wood Industry** School at 066426
Dust separators in **wood industry.** 066429
Defects in **wood** & their **influence** on mecha- 066479
Improvement of **wood** with **isocyanate** comp- 066492
cherry. [Prunus serotina, **wood, juglans** nigra 066563
specimens of plantationgrown **larch woods.** 066449
outer part of trunk of 32 **woods** of **Llanos** O- 069544
of composts from soft **wood lumber** mill was- 072015
Methods of **maceAting wood** & their evaluat- 066471
breakdown strength of **mango wood.** 066485
to structural types of **mature wood.** 066682
shrinkage of **wood** under **mechanical** restrai- 066467
Woody ornamental plants tested for Monta- 069130
Germination of three **woody ornamentals** in 068227
on mechanical handling of **wood particles.** I. 066490
correlations of properties of **Pinus wood** in 066562
of Melolonthinae on **woodlands** of **Poland.** 070548
Elastic constants of **poplar wood**--Populus 066424
hydrothermal behaviour of **wood** of **Populus** 066422
Elastic constants of poplar **wood--Populus** 066424
creosote oil in stakes. [**Wood preservation**]. 066564
good production. [**Wood preservation**]. 066571
Thoughts on marketing **preserved wood.** 066420
Potential of **private woodlot.** 066187
Saw blades for **wood processing.** 066465
Surface treatment of **wood products** with fin- 066432
Woodlands as a **profit** center. 066190
lignin on in vitro digestibility of **wood pulp** 064738
Place of **wood pulp** in package of future. 066509
order of addition of reactants. [**Wood pulp**] 066520
disulphide ratio & temperature. [**Wood pulp,** 066521
of an optimal plan concerning **pulp wood** su- 066535
changes on drying. [**Wood, pulping**]. 066530
management practices on **wood quality.** 066544
in present system of **wood raw**-material divi- 066538
of dorsiventrality on formation of **wood rays** 067059
on mechanical properties of **reaction woods.** 066457
of forests & **woodlands** to **recreation** in an i- 066097
Mechanics of compression **wood response.** II 068580
Stiffness & strength of **wooden rigid** frames 066456
deterioration of Picea **root wood** by Fomes 069313
histolocigal features of Acer **saccharum wood** 066961
Absorption of oxygen by **Salix wood** in relat- 068572
wood utilization at production of **sawn wood** 066474
tool--half of efficient work. [**Saws, wood** ind- 066526
in black cherry. [Prunus **serotina, wood,** jug- 066563
rice straw, rice hull & **wood shaving** on stor- 063993
Studies on elastic constants of **wooden sheet** 066458
Production of composts from **soft wood** lum- 072015
Management of **wood stock** supply in lumber 066478
Succession in unburned **subarctic woodlands** 066836
Changing **wood supply**--identifying problem. 066413
optimal plan concerning pulp **wood supply** 066535
J. Stamm 75 years old. [**Wood technology**]. 066461
metals in contact with pressure **treated wood.** 066513
Principles of complex **wood utilization** at pr- 066474
Research on **wooded vegetation** of Buila M- 066902
Suggestions for marketing of **windfall wood** 066445
Electronic controlling in **wood working** indu- 066462
Formation & care of **young woods** & young 066378

WOODLAND
rates of mites (Acari) from **beech-woodland** 070990
biogeocoenoses of arid **open woodland** in Ge- 066864
Recreation & **woodland owner.** 066194
Energy flow in a **woodland stream** ecosystem 070768

WOODWORK
progress in coating of **woodwork materials.** 066464

WOOL
of natural flame resistance of **wool.** 063821
nitrogen fertilizers on balsam **woolly aphid.** 070534
factors on multiple **births, wool** production 064935
in some wool traits in a coarse **wool breed** of 063610
chemical studies on fine & **coarse wool.** 1. F- 063612
chemical studies on fine & **coarse wool.** Ii. 063613
Characteristics of loose **wool compressibility** 063634
in finewooled sheep.3. **Wool content** of prog- 065189
of wool growth in **explaining wool** growth di- 064644
growth & main properties of **fine wool.** 064577
Trichostrongylosis & **wool growth.** I. Feed d- 064307
importance of components of **wool growth** in 064644
Trichostrongylosis & **wool growth.** I. Feed d- 065419
Sheep & **wool industry** of Argentina. 062884
Japanese wool textile industry. A review of 062883
on weight of lambs & fertility of **long-wool** 064474
indices of useful characteristics of **long-wool** 065062
indices of useful characteristics of **long-wool** 065077

Characteristics of **loose wool** compressibility 063634
Influence of age on **wool production** in long- 064462
Effect of sheep age on **wool production.** 064471
factors on multiple births, **wool production** 064935
differences in **wool productivity** of Merino b- 064259
of useful characteristics of long-**wool sheep.** 065077
of useful characteristics of long-**wool sheep.** 065062
Japanese **wool textile** industry. A review of 062883
Study of variability in some **wool traits** in a 063610
Study on **wool yield** components in Caucasi- 065186

WORK
Legal regulation of **work accidents** in agricu- 062890
Is Wilderness **Act working?** 062911
Home economics **advisory work** in a changi- 063285
For harder **work aimed** at increasing fecundi- 065156
reproduction to intensify **breeding work** on 065117
basis of planning of **breeding work.** 065188
Louping-ill in a **working collie.** [Dogs]. 065710
results of study on **working conditions** in gl- 062354
of scientific research **work conducted** at All 069838
in form of agroindustrial **cooperative work.** 063024
Working day of administrators & specialists 062337
Effective working methods for harvesting fo- 071613
Good tool--half of **efficient work.** [Saws, wo- 066526
Working elements & working methods of bu- 072052
Work experience of specialized enterprises 071448
intensifying **experimental work** with fertiliz- 072128
for working with farmers. [**Extension work**] 062207
Extension work with herbicides in small sca- 070010
of unemployment insurance to **farm workers** 062548
Scottish **farm workers'** hours & earnings 19 062571
Hired **farm working** force of 1972; a statisti- 062829
Automatization of **farm work.** 2. Hopeful au- 071552
as basis for **working** with **farmers.** [Extensi- 062207
small subsidiary privately-**worked farms.** [H- 062399
regarding organization & **work** with **field** in- 062350
On production of a qualified **work force** in 062375
problem of training a qualified **work force** f- 062376
Hired farm **working force** of 1972; a statisti- 062829
Forest working plans, forest economics, & 066255
book--means for including **forest workers** in 066283
10 Years of permanent **working-groups** for f- 066289
orchard irrigation comes from **guess-work.** [069131
For **harder work** aimed at increasing fecundi- 065156
Scottish farm **workers' hours** & earnings 19 062571
Improving work method of communal agricu- 062204
improvement of qualitative & **work indices** of 071687
controlling in wood **working industry.** 3. M- 066462
on yield & productivity of **work** of **leaf** syst- 068505
Improving **work method** of communal agricu- 062204
Effective **working methods** for harvesting fo- 071613
Working elements & **working methods** of bu- 072052
of blade & of **working parameters** of a disc 063428
with plant protective **work, particularly** wh- 069786
Working performance. [Horses, muscles, ph- 064393
10 Years of **permanent working-groups** for f- 066289
standards & number of **workers** in **pig** prod- 062397
Group of **workers' plan** & housekeeping book 066283
of plant protection research in **work plan** for 069855
Forest **working plans,** forest economics, & 066255
to organisation of **working porcesses** in agri- 062321
On **practical work** of veterinary students in 063181
Working practice in cotton growing at small 068848
State of **preparatory work** for standardizati- 063297
small subsidiary **privately-worked** farms. [H- 062399
Work on **problem** of natural focus state of d- 065835
specialization of **work processes.** 066290
Working program of veterinarian control of 065114
Work in **progress** in coffee research. III. 3. 067677
Work in **progress** in coffee research. Series 069210
Work in **progress** in coffee research. Series 070261
Work protection & safety techniques in desi- 071470
drift damages with plant **protective work,** p- 069786
On production of a **qualified work** force in 062375
On problem of training a **qualified work** for- 062376
development of land **reclamation work** in m- 072288
anniversary of scientific **research work** cond- 069838
A healthy frame as **rural workers?** [Legislat- 062996
snowmobiles for Forest **Service work.** 066085
For an improvement of **working & social** we- 062439
Spring **soil working** & sowing. [Grain]. 068806
on polyethism of **workers** of this **species.** 071019
Working out **theoretical** problems of plant a- 066875
Selection of crowns for **top working.** [Hevea 069219
Electronic controlling in **wood working** indu- 066462
Results of two-**years work** on a pilot farm. 062414

WORMS
gamma irradiation of **cabbage worm** Pieris r- 070507
Course of thread-necked **worm infestation** in 065778
Thread-**necked worms** in sheep in Semipalat- 065797

WORTS
of mashing on viscosity of **wort & beer.** 063773
of viscosity & density of **worts & beers** on t- 063313
properties of some St. john's **worts growing** 067693

WOUND
Acer saccharum wood formed after **wounding.** 066961
of salve-compresses on **wound healing** in hor- 066024
A cytochemical study of **wound-healing** prot- 067552
Wounds in **horses.** 066037
by Fomes annosus in tree-**injector wounds** on 069511
Extractives associated with **wound response** 068516
tears up forest: A **wound** or a **serious** mutila- 066128

WRINKLE
Flame & **wrinkle resistant** finish for apparel 063196

XANTHIUM
SEE COMPOSITAE

XANTHOMONAS
SEE PSEUDOMONADACEAE

XANTHONES
Xanthone research in leaves of Gentiana ba- 067541

XANTHOPHYCEAE
Studies on **Xanthophyceae** of **Red** Lake Wet- 066753

XANTHOSOMA
esculenta & **Xanthosoma saggitifolium.** [Das- 069696

XENOPSYLLA
SEE PULICIDAE

XYLARIACEAE
during spore discharge in **Xylaria longipes.** 067011

XYLEBORUS
Platypodidae) & **Xyleborus ferrugineus** (Sco- 069433

XYLEM
is not due to a lack of **functional xylem** & p- 068060
of gibberellin in flower buds & **xylem sap** & 067669
II. Effects of deformation of **xylem vessels.** 068102

YAKS
Experimentally induced brucellosis in **yaks.** 065813

YAMS
content & amino acid balance of **yams.** 063266
Response of **yam** (Dioscorea rotundata) to f- 072107
Yam production methods. 069162
in carbohydrate constituents of **yam tuber** 068393

YARNS
Chemical finishing of **cotton yarns** for impr- 063829

YEARBOOKS
American **camellia yearbook,** 1973. 068993
Yearbook of **forest** statistics, 1971. 066204

YEARLINGS
SEE LIVESTOCK

YEAST
composition & nutritive value of **yeasts.** [Fe- 064070
effects of optical brighteners in **yeast.** 067312
acid associated with a killer strain of **yeast.** 067709
treatment of wastewater by **yeasts.** 072614
of radiation race formation in **diploid yeasts** 067342
in vivo bioassays on some **epiphytic yeasts.** 069239
between dry skim milk & **forage yeasts** in m- 064908
Yeasts grown on hydrocarbons as new sourc- 063451
of gene conversion in **yeast** by **herbicide** pre- 067313
medium for isolation of soil **yeast lipomyces** 071907
Yeast mutants resistant to ethidium bromide 067308
On beta fructosidases of **yeast organisms.** 067720
Distribution of **yeasts producing** extracellul- 067689
activities of **yeasts** in **reference** to their pol- 067661
Choice of **yeast strains** used in natural apple 063871

YELLOW
land maturation & alteration (**yellowing**). 063607
Breeding for **yellow Amaryllis** hybrids. 067329
against clover phyllody & **aster yellows.** 069617
sugar beet cultivars to **beet yellows** & beet 069684
weeds in spreading virus of **beet yellows** (Be- 069740
stimulates growth of **yellow birch** seedlings. 072201
Puccinia striiformis Westend. **causing yellow** 069534
Spinach **yellow dwarf** virus. 069682
cell monolayers with potato **yellow dwarf** vi- 069708
Cultivation of **European yellow** lupine seeds 068898
properties of root system of **yellow forage** l- 072238
effect of mineral nitrogen on **yellow forage** l- 072239
coat in mature caryospses of **yellow foxtail** 066940
of mixing time & emulsifier on **yellow layer** 063300
Cultivation of European **yellow lupine** seeds 068898
virus 2 (Pierce) Smith) in **yellow lupine** pla- 069735
Sutan & Aarex best for **yellow nutsedge.** 070195
for characteristics of **yellow-pigmentary** phy- 069589
vector cell monolayers with **potato yellow** 069708
to micronutrient application in **red-yellow** s- 072080
striiformis Westend. causing **yellow rust** of 069534
micronutrient application in red-**yellow soil** 072080
Spinach yellow dwarf virus. 069682
Physiology of **yellow-vein** mosaic virus disea- 069641
in Romania. II. Grape vine **vein yellowing.** 069648
Physiology of **yellow-vein** mosaic virus disea- 070455
beet yellows & beet western **yellows viruses** 069684

YIELD
effects on maize growth & **yield.** 067959
lodging of Dactylis grasses on its **yield.** 068621
over-vegetation on rice production. [**Yields**] 068803
of planted tubers of potatoes on **yield.** 069172
on major rice pests & their effect on **yield.** 070668
effect of fertility factors on **yield.** [Soils]. 071917
efficiency of mineral fertilizers. [**Yields**]. 072130
on growth & **yield** of **agricultural** crops. IV. 067799
on growth & **yield** of **agricultural** crops. III. 068136
Correlation studies on **yield & agronomic** ch- 068731
fertilization on **yield** & other **agronomic** cha- 069213
Yield of **alfalfa** hay increased by control of 069879
Effect of sulfur on **yield & amino** acids of s- 067938
fruit culture. [Fertilizers, **application, yields** 072061
in quality characteristics & **yield attributes** 067267
application of nitrogen on **yield attributes &** 072024
inoculum on yield & **yield attributes** of soyb- 072083
sources of phosphates on **yield, available** soil 068129
dates & seeding rates on **yield** of **barley** var- 068728
rates of nitrogen on sugar-**beet yield** & nutr- 068825
Effect of stand density on sugar **beet yield.** 068868
Yields & behavior of winter wheat varieties 068805
Growth & **yield behaviour** of Baldwin apple 071969
Increase in **yield** of **Bengal** gram (Cicer arie- 068315
length as related to **yield** of **boneless** retail 063662
Quality & **yield** of **buckwheat** seeds in relat- 068197
Barren lands **yield bumper** crops. [Saline so- 072280
of water table depth on **yield** of **cabbage,** sq- 068943
Planning **yield capacities** with consideration 062333
Problem of increasing **yield capacity** & quali- 068698
On increasing **yield capacity** & improving g- 068703
Effect of planting dates on **yield capacity** of 068857
of mineral fertilizers on **yield** of **Cassia** acut- 072208
introduction of high-**yielding cereal** varieties 068670
Studies on **yields & chemical** composition of 068815
Comparative yield & quality studies. [Wheat 068758
Study on wool **yield components** in Caucasi- 065186
Vicia faba L.). I. Yield & **yield components.** 068045
on tropical rice. V. **Yield components** as aff- 068156
acid)] on **components** of **yield** in green house 068209
Associations among **yield components** in dw- 068727
on tropical rice. V. **Yield components** as aff- 072191
releasing hormone on **yield & composition** of 064431
Effect of fertilization on **yield & composition** 072161
Yield & contents of Fe [iron], Mn [Mangan- 068313
Soil structure & **corn yield** in pampa region 068823
Corn yield & quality in crop rotations with 068866
carbonate Chernozem soils & on **corn yield** 071848
Soil structure & **corn yield** in pampa region 071891
organic & mineral fertilizers on **corn yield** 072122
correlation model of mean **yields** of **cotton** 062817
of fluorine in rations of high-**yield cows.** 064749
properties of light soils & **yields** of **crop** rot- 068895
sandy soil fertility indicator & **crop yields** in 068896
soil properties. I. Effect on **crop yields.** 068903
year period of crop rotation on **crop yields** 068905
quantity & distribution on **crop yields** in cr- 068910
depths of manure application on **crop yields** 071964
Ratio between grain **crop yields** by soil-agro- 072121
soil properties. I. Effect on **crop yields.** 072244
depths of manure application on **crop yields** 072245
year period of crop rotation on **crop yields** 072340
of planting on growth & **yield** of **crops.** 3. Ef- 068653
Highly effective measures. [field **crops, yiel-s,** 069928
Effect of fertilizers on **yields** of **crops** in crop 072241
Analysis of **yield-determing** process & its a- 067949
of sprinkler irrigation on **yields** of **early** cab- 072445
measure milk yield & **yield estimated** by si- 064122
Plantations' experience with **Ethrel yield** st- 069224
model for basal area growth & **yield** in **even** 066211
Complex interaction between **yield factors** e- 068986
Prediction of **yield** of **fat**-free lean tissue fr- 063661
in monoculture on its **yield** & **fertility** of da- 068617
Chip quality, bark tolerance & **fiber yield.** 066412
Light-induced changes in **fluorescence yield** 067448
on chlorophyll **fluorescence yield** & chloroph- 067770
frequency of application on **forage yield** of e- 068692
cultural measures on **yields** of **forage** carrots 068906
Effect of sulfur on **yield** of **forage** & vegetab- 072123
Yield formation of various cultivated plants 068909
Fruit yields & quality in early years of a gr- 068955
Green lumber **grade yields** for subfactory cl- 066555
Grain yield mutations induced by ethyl met- 067341
rates of nitrogen application on **grain yield** 072082
nitrogen nutrition conditions on **grain yield** 068026
Frost seeding may lead to **greater yields.** [C- 068681
potassium] fertilisers on tree **growth, yield** 068974
Olaf: a short-strawed, high **yielding hard** red 068773
residues on soiil fertility & **hemp yield.** 071728
Some studies on **high yield** pulping of bamb- 063370
amounts of fluorine in rations of **high-yield** 064749
of plants in breeding new **high-yielding** & hi- 067265
Physiological basis for obtaining **high yields** 067606
C. peanut production guide for **high yields &** 068640
Expansion & introduction of **high-yielding** c- 068670
performance of long duration **high yielding** 068733
Hard wheats of **high yields.** 068745
Olaf: a short-strawed, **high yielding** hard red 068773
Ward: a **high yielding,** strong-strawed durum 068777
on production of new **high yielding** rice vari- 068779

How to achieve **high yield** & good quality of 068989
Closed regions as **high-yield** producers of he- 069062
Onion Pusa Ratnar **yields high.** [Varieties] 069071
on winter wheat & its **yields** under **high** level 069453
Fight for **high yields.** [Plant protection]. 069925
related mineral fertilization for **high-yield** s- 072031
of phosphatic fertilizers in **high yielding** pa- 072089
conditions for obtaining **high yields** of grain 072129
of organic fertilizers in providing **high-yield** 072196
Physiological basis for obtaining **high yields** 072409
Selected plant has **higher yield** value. [Grap- 067391
viruses on growth & **yields** of **horsebean.** 069699
plant spacings on **yield** of **hybrid** bajra (Pe- 072088
Programs for **improving yields** of strawberri- 069183
Honey bee visits **increase yields** of "Orlando 068362
Problem of **increasing yield** capacity & quali- 068698
On **increasing yield** capacity & improving g- 068703
Means of **increasing yields** of grain crops on 068717
Research on **increasing yields** of neglected 068873
on photosynthesis **intensity, yield** & sugarin- 067983
months of age upon **yields** at **Isabela,** P.R. 068801
Increasing **juice yield** from apples for indust- 063921
Rajasthan; a new chilli that **yields** 800 **kg** p- 069074
Barren **lands yield** bumper crops. [Saline so- 072280
Urea spray boosts **linseed yield.** 071971
containing fertilizers on **yield** of **lupine** for f- 071980
heterosis & relationships to **yield** in **maize.** 067104
combining ability for **yield** in two **maize** po- 067112
N [nitrogen] fertilization on dry **matter yie-d,** 067884
Relationships between **matter yield** & veget- 068507
N [nitrogen] fertilization on dry **matter yie-d,** 071985
must be site-oriented for **maximum yield** & 068669
citrus. [**Yields, microdensitometer**]. 068916
between actually measure **milk yield** & yield 064122
bromo-alpha-ergocryptine on **milk yield** & l- 064433
containing ammonium acetate on **milk yield** 064619
of ruminal contents & on **milk yields** of dai- 064633
pasture grass & its influence on **milk yield.** 064858
Grain **yield mutations** induced by ethyl met- 067341
of seeding rate upon seed & **oil yield** & their 068656
phosphatic fertilizers in high **yielding paddy** 072089
Methods for determination of **pasture yield** 062415
Basic improvement of low-**yielding pastures** 068719
determination of pasture **yield performance** 062415
Changes in **yield performance** caused by var- 069195
Planning yield capacities with consideration 062333
application & irrigation on **plant yields** & s- 068903
effective measures. [field crops, **yields, plant** 069928
application & irrigation on **plant yields** & s- 072244
Yield of all-**planted** spinach surviving low t- 069046
of different fertilizers on **yields** of **plants** in 068897
Size & quality of **potato yield** as influenced 069129
northeastern Belorussia & on **potato yields.** 072465
Effect of magnesium on **yield** of **potatoes** re- 072119
of gibberellic acid on **yield & precocity** of ar- 069136
process & its application to **yield-prediction** 067949
Variability of **yield, price** & gross income in 062675
Closed regions as high-**yield producers** of he- 069062
loads of grapevines on **yield** & **productivity** 068505
of N [nitrogen] fertilizer on **yield, protein** 068036
Effect of rot on kraft **pulp yield** & quality--a 066528
Some studies on high **yield pulping** of bamb- 063370
of ammonium molybdate on **yield** & **quality** 068064
of mineral fertilizers on **yield** & **quality** of w- 068196
temperature on **yield** & **quality** of several n- 068420
of pollination methods on **yield** & **quality** in 068573
Yield & quality--sudan, sorgo-sudan, sorghu- 068643
Ratio between **yield** & **quality** of winter wh- 068750
wheat variety Bezostaia 1 on **yield quality** of 068845
of cutting after grazing on **yield, quality** & u- 068847
Relations between **yield** & **quality** of sugar 068865
crown rust & stem rust on **yield** & **quality** of 069278
temperature on **yield** & **quality** of several n- 069675
Effect of virus diseases on **yield** & **quality** of 069706
Relations between **yield** & **quality** of sugar 071946
of mineral fertilizers on **yield** & **quality** of s- 071982
dates & methods on **yield** & **quality** of winter 072069
of large doses of lime on **yield** & **quality** of f- 072152
of nitrogen fertilizers on **yield** & **quality** of 072221
with waste water on **yield** & **quality** of wint- 072472
seeds with micronutrients on **yield** & **quality** 067880
Effect of fertilizers on **yield** & **qualtity** of irr- 071981
Effect of fertilizers on **yield** & **qualtity** of h- 072118
Yield & **qualtiy** of winter wheat grain in lea- 072064
Quantitative yield in purification of cytokin- 067755
How to ensure high winter **rapeseed yields** 068667
Onion Pusa **Ratnar yields** high. [Varieties] 069071
different potato varieties. I. **Yield response** 072161
Components analysis of **yield responses** to d- 067977
Yield results from weed control experiments 070128
of underdrainage on growth & **yield** of **rice** 068174
on production of new high **yielding rice** vari- 068779
of underdrainage on growth & **yield** of **rice** 072461
crops. IV. Effects on **yields** of **second** gener- 067799
Physiology of **seed yield** in field beans (Vicia 068045
Physiology of **seed yield** in field beans (Vicia 068046
ratio & application rate on **seed yield** & oth- 072100
Red clover **seed yield** in relation to phospho- 072120
Note on slection for **yield** at **seedling** stage 067269
Yields of **selected** & improved varieties of g- 068880
fertilizer levels on **yield** of **sesamum.** 068735
of different sowing periods on **yield** of **Sind** 068802
of nitrogen fertilizers on **soybean yield.** 072101
nonuniformity of intrarow **spacing** on **yield** 068653
Effect of fertilization on **yield** & **specific** gr- 072180
Yield stability in doubled haploids of Ameri- 068655
mineral fertilization for high-**yield stability** 072031
stands & their role in high & **stable yields** in 066101
scientific findings for high, **stable yields** in 068668
experience with Ethrel **yield stimulant.** [He- 069224
Ward: a high **yielding, strong**-strawed durum 068777
fertilizers in providing high-**yield sugar** beet 072196
of irrigation on growth & **yield** of **sugarcane** 068172
basic tillage & fertilizer on **sunflower yields** 072176
of soil compacting on **yield** & **technological** 068827
potassium on **yields** & some **technological** p- 072230
Yield tests of dry field beans, 1972. [Kidney 068645
incognita: its effects on **tomato yield** & some 069870
fertilization on dry matter **yield, total**-N, N 067884
shape of plots & blocks in **yield trails** of so- 068725
of nitrogen application on **yield** of **triple**-dw- 072075
of application on **yield** of **unirrigated** wheat 072084
Selected plant has higher **yield value.** [Grap- 067391
of long duration high **yielding varieties** of ri- 068733
Yields of **varieties** & new improved lines of 068881
Rutabagas & comparison of **yields** of **various** 062799
pea plant productivity & **yields** with **various** 068504
herbicides on growth & **yield** of **vegetable** c- 070033
yield pulping of bamboo. III. Pulp **yield vis** 063370
Effect of preceding crops on **yield** of **wheat** 068618
possibility of increasing winter **wheat yield** 068786
consequent field losses in **yield** of **wheat** (Tr- 069346
ethyl & effect on **yield** of **wheat.** 070065
consequent field losses in **yield** of **wheat** (Tr- 070336
Effect of preceding crops on **yield** of **wheat** 071727
water & fertilizer levels on **yield** of **wheat** g- 072232
Soilwater storage & **yield** of **winter** wheat in 068647
application of fertilizers on **yield** of **winter** 072136
Study on **wool yield** components in Caucasi- 065186
of nitrogen & inoculum on **yield** & **yield** attr- 072083

YOGHURT

in consistency measurements of **yoghurt.** 063546
Colostrum yoghurt for calf feeding. 064784
of food gelatin in **yoghurt processing.** 063503

YOLKS

Yolk deposition in Douglas-fir beetle oocytes 070921
in aqueous licithin dispersions. [**Egg yolks**] 063677
emulsifying characteristics of hens' **egg yolk** 063688
on free amino acid content in **egg yolk.** [Lay- 064624
Studies on **persistent yolk** sac condition in 065496

YOUNG

for sodium chloride among **young adults:** an 063250
on status of insect pests in **young artificial** s- 070523
Feed costs for **young breeding** sows. 062558
Feeding of **young breeding** hens of meat type 064794
Profitability of rearing **young bulls.** 062559
Quality of hides of **young bulls** of dairy & c- 063671
problems in fattening **young bulls** with feed 064766
meat quality characteristics of **young bulls** (064815
Zeranol in intensive fattening of **young bulls** 064856
Some aspects on fattening **young bulls** with 064870
bulls. I. Reproductive ability of **young bulls** 065043
Distribution of **young cattle.** 062746
Rearing & fattening **young cattle** on industr- 064153
cow: A new production of **young cattle** to fa- 064180
Study of etiology of **young cattle** in alpine 064258
metabolism in organism of **young cattle** & s- 064452
Feeding **young cattle** on industrialized farms 064778
of pastures in feeding of **young cattle.** 064800
under conditions of industrial **young cattle** r- 064866
feed rations for fattening **young cattle.** 064915
form of parakeratosis of **young cattle** due to 065944
of nutritional origin in **young cattle.** 065960
in prevention of disease in **young cattle.** 065985
Young Charolais bulls & corn silage: Condit- 062432
retardants & accelerants of **young cotton** fru- 067905
when sprouts of **young** & old **Crepis** capillar- 067362
sunshine upon frost damage of **young Cryp-** 069830
Rearing of **young dairy** cattle for herd impr- 064189
Small mammals can **damage young** hybrid p- 066144
ions & amino acids in **young decapitated** sun- 068098
Installation of **young farmers** & special ani- 062557
Osteoarthrosis in **young fattened** bulls. 066003
Rearing & **fattening young** cattle on industr- 064153
lying place requirements of **young fattening** 064224
physiological problems in **fattening young** b- 064766
Some aspects on **fattening young** bulls with 064870
high energy feed rations for **fattening young** 064915
Feeding young cattle on industrialized farms 064778
Fertilizing young forest. 072198
root freshness on gas exchange in **young firs** 066402
Fertilizing **young forest.** 072198
outgrowths in **young gametophytes** of Osmu- 067798
Anatomical structure of **young growth** leaves 066996
phytomass of Pinus koraiensis **young growth** 068069
Anatomical structure of **young growth** leaves 068561
acid composition of meat of **young hybrid** ca- 063670
Small mammals can damage **young hybrid** p- 066144
under conditions of **industrial young** cattle r- 064866
phytomass of Pinus **koraiensis young** growth 068069
Effect of rearing methods of **young lambs,** a- 064525
Growth & development of **young Lebedin** ca- 064897
Diseases of **young livestock** related to selen- 065928
to chlorophyll content of **young maize** plants 068039
Management of **young orchards** up to six ye- 068928
isoleucine interrelationship in **young pig.** 064733
of isoleucine requirement of **young pig.** 064734
liver copper & iron storage of **young pigs.** 064438
body composition of **young pigs.** 064658
for quantitative analysis of **young Pinus** sta- 066287
Chemical treatment of **young Pinus** stands, 066374
on tracheid length in **young ponderosa** pine. 068539
Streptomyces scabies) on **young potato** tube- 069581
of initial sexual inactivity in **young rams.** 064950
Profitability of **rearing young** bulls. 062559
in rice cultivation with **young seedling** trans- 068685
of premature puberty in **young sows.** 065133
estimation methodology in a **young stand** of 066235
cutting in formation of **young stands.** 066340
improvement cutting areas in **young stands.** 066349
care of young woods & **young stands,** a decis- 066378
On metabolism in **young swine** obtained by 064505
C[carbon] photoassimilated by **young white** 068517
Development of **young wine.** 064033
Formation & care of **young woods** & young 066378

YOUTH

Youth--family--community. 062189
in farming by Wisconsin's **farm youth.** 062463
How to mobilise **rural youth** for green revol- 062174

YPONOMEUTIDAE

of ermine moth **Yponomeuta evonymellus** L. 070267
studies on **Yponomeuta** of **trees** in Iran. 070898

ZARIA

SEE MOLLUSKS

ZEA

SEE CORN

ZEBUS

growth & milk supply on west **African Zebu** 064114
Intensive fattening of Malagasy **Zebu cattle** 064818
cycle synchronization in **Zebu cattle** & its u- 065002

ZELUS

Immature stages & biology of **Zelus socius** 070778

ZEOLITES

with silica acid, silica gel & **zeolites** by **gel-** 071875
Zeolites of some **soils.** 071872

ZEZEA

SEE AMARA

ZINC

Zinc absorption by excised leaf tissue of cof- 067826
Manganese & **zinc absorption** with octylphe- 067923
Influence of **adding zinc** to calf starters. 064744
of slaughter animals fed **zinc bacitracin.** [Ch- 063179
of phosphours on **zinc** up take by **barley.** 068127
Zinc concentration in rat hair in zinc defici- 066010
method of determination of **copper, zinc** & 063210
Experimental **zinc deficiency** in weanling pi- 066323
synthesis at early stages of **zinc deficiency** in 067986
a counter measure to prevent **zinc deficiency** 070388
soil tests in predicting corn **leaf zinc.** 072011
Effect of **zinc phosphide** on rat control in s- 069908
of young cattle due to **zinc relative** defficien- 065944
Zinc 65 **secretion** by exocrine pancreas of c- 064497
Zinc stimulation of nitrogen assimilation by 067703
zinc sulfate, phosphorus, & **zinc sulfate** on g- 068308
ontogenesis at different levels of **zinc supply** 068074
of tomatoes in dependence on **zinc supply.** 068326
Zinc in **toxin** metabolism of Fusarium oxys- 069350

ZLOTNIKI

pigs in Pietrain & Spotted **Zlotniki breed** & 064466

ZOISIA

Caryopses of **Zoysia matrella** & Bermudagr- 068625

ZONE

crop yields by soil-**agrochemical zones** & a- 072121
of overwintering cells in **cambial zone** in se- 066982
sandy loam soil in a non-**chernozem zone.** 072246
fungi on **zonality** & their **distribution** in veg- 066973
A simple & rapid **zone electrophoretic** meth- 069607
tillage & weed control in beet-**growing zone** 070206
acid phosphatase in root **growth zones** of t- 068341
Banu Maracine wine centers from **hill zone** 064019
wheat at low temperatures in **zone** of **plant** 068006
in farms of Ukrainian **Polesye zone.** 065575
to knowledge of entomofauna of **sandy zone** 071354
activities in fruit tissues & **separation zones** 068443
of cattle in tropical & **subtropical zones.** 064483
for adult mosquitoes in **zone** of **transpolar** t- 070626

ZONING

Zoning of **forestry** operations & basis for al- 066254
Land-use **zoning a necessity?** Yes! Panacea? 062299

ZONOCERUS
of variegated **grasshopper, Zonocerus** varieg- 070825

ZOOHYGIENE
Zoohygienic basis for livestock housing & m- 065253
of sanitary-**zoohygienic conditions** in raising 065343

ZOOLOGY
Important event at **Antwerp Zoological** Gar- 066822

ZOONOSES
Environment & **zoonoses.** 065653
Worldwide effort **against zoonosis**--danger to 065432

ZOOS
Zoo-economy attempts throughout ages. 064208
Zoo-sanitary situation of rabies in krakow p- 065556

ZOOTECHNICS
studies in **zootechnical practice.** [Baby pigs, 065168

ZUCCHINI
of Cucurbita pepo L. cv. **Black zucchini.** [P- 068371

GEOGRAPHIC INDEX

Afghanistan 062254
Afghanistan 062524
Afghanistan 062920
Afghanistan 062921
Afghanistan 062922
Afghanistan 062923
Afghanistan 062924
Afghanistan 062925
Afghanistan 063246
Afghanistan 066833
Afghanistan 071183
Agrentine Republic 066568
Alabama 062615
Alabama 066170
Alabama 066558
Alaska 066736
Albania 069765
Algeria 071348
Angola 062890
Angola 064134
Angola 068679
Argentina 062884
Argentine Republic 062154
Argentine Republic 062672
Argentine Republic 068145
Argentine Republic 068823
Argentine Republic 069692
Argentine Republic 071319
Argentine Republic 071888
Argentine Republic 071891
Arizona 062200
Arizona 062823
Arizona 065713
Arizona 066146
Arizona 066899
Arizona 066900
Arizona 067749
Arkansas 062624
Arkansas 066133
Arkansas 066191
Arkansas 069247
Arkansas 070309
Arkansas 070310
Arkansas 071131
Arkansas 071994
Australia 062341
Australia 062342
Australia 062343
Australia 062482
Australia 062561
Australia 062626
Australia 062627
Australia 062636
Australia 062760
Australia 062779
Australia 063238
Australia 065003
Australia 065415
Australia 066419
Australia 066712
Australia 066777
Australia 066788
Australia 066892
Australia 068784
Australia 068830
Australia 069006
Australia 069120
Australia 069173
Australia 069255
Australia 069528
Australia 069650
Australia 069761
Australia 070193
Australia 070194
Australia 070356
Australia 070955
Australia 071004
Australia 071032
Australia 071161
Australia 071312
Australia 071741
Australia 071742
Australia 071743
Australia 072290
Australia 072301
Australia 072395
Australia 072419
Australia 072448
Australia 072571
Australia 072572
Australia 072580
Austria 062136
Austria 062137
Austria 062304
Austria 062472
Austria 062473
Austria 062475
Austria 062544
Austria 062835
Austria 062836
Austria 062840
Austria 062841
Austria 062842
Austria 062843
Austria 062844
Austria 062845
Austria 063405
Austria 063539
Austria 063985
Austria 064689
Austria 064782
Austria 064983
Austria 066077
Austria 066151
Austria 066168
Austria 066172
Austria 066173
Austria 066180
Austria 066407
Austria 066907
Austria 067157
Austria 068913
Austria 068914
Austria 068915
Austria 069198
Austria 071244
Austria 071510
Austria 071521
Austria 072440
Bangladesh 063761
Bangladesh 063967
Bangladesh 070371
Barbados 064016
Barbados 070323
Belgium 062202
Belgium 062208
Belgium 062290
Belgium 062291
Belgium 062633
Belgium 062802
Belgium 062803
Belgium 062887
Belgium 063086
Belgium 063904
Belgium 063907
Belgium 063913
Belgium 063914
Belgium 063919
Belgium 065079
Belgium 065405
Belgium 065406
Belgium 065533
Belgium 066113
Belgium 066277
Belgium 066278
Belgium 066822
Belgium 069161
Belgium 069633
Belgium 069792
Belgium 070380
Bolivia 066784
Brazil 062167
Brazil 062440
Brazil 062562
Brazil 062637
Brazil 062854
Brazil 062996
Brazil 064043
Brazil 064198
Brazil 065232
Brazil 065429
Brazil 065430
Brazil 065913
Brazil 066575
Brazil 066752
Brazil 066781
Brazil 066793
Brazil 066854
Brazil 067343
Brazil 067821
Brazil 069203
Brazil 069322
Brazil 069899
Brazil 070419
Brazil 070502
Brazil 070620
Brazil 071011
Brazil 071136
Brazil 071143
Brazil 071160
Brazil 071201
Brazil 071317
Brazil 071318
Brazil 071333
Brazil 071361
Brazil 071382
Brazil 071890
Brazil 071892
Breat Britain 070904
Bulgaria 062364
Bulgaria 062470
Bulgaria 062471
Bulgaria 062514
Bulgaria 062516
Bulgaria 062607
Bulgaria 063202
Bulgaria 063204
Bulgaria 063205
Bulgaria 064097
Bulgaria 064150
Bulgaria 064229
Bulgaria 064241
Bulgaria 064715
Bulgaria 064776
Bulgaria 065156
Bulgaria 065202
Bulgaria 065326
Bulgaria 065327
Bulgaria 065329
Bulgaria 065330
Bulgaria 065695
Bulgaria 065696
Bulgaria 065698
Bulgaria 065699
Bulgaria 065738
Bulgaria 065743
Bulgaria 065760
Bulgaria 065982
Bulgaria 066649
Bulgaria 066669
Bulgaria 069180
Bulgaria 070735
Bulgaria 070736
Bulgaria 071113
Bulgaria 071165
Bulgaria 071412
Bulgaria 071678
Bulgaria 072228
Burma 067051
Bvolivia 066783
California 062813
California 062852
California 062861
California 062914
California 063106
California 066212
California 066675
California 066695
California 066839
California 069510
California 070465
California 071145
California 071195
California 072359
California 072360
California 072467
Cambodia 068846
Cambodia 069160
Cameroun 063225
Cameroun 063690
Canada 062181
Canada 062286
Canada 062491
Canada 062722
Canada 062724
Canada 062739
Canada 062759
Canada 062863
Canada 063158
Canada 063525
Canada 063566
Canada 064045
Canada 064116
Canada 064346
Canada 064967
Canada 066081
Canada 066214
Canada 066273
Canada 066321
Canada 066653
Canada 066655
Canada 066829
Canada 066836
Canada 066956
Canada 067481
Canada 067638
Canada 068636
Canada 069274
Canada 069277
Canada 069278
Canada 069281
Canada 069283
Canada 069285
Canada 069286
Canada 069287
Canada 069288
Canada 069289
Canada 069290
Canada 069512
Canada 069768
Canada 069770
Canada 069771
Canada 069772
Canada 069873
Canada 070107
Canada 070315
Canada 070424
Canada 070492
Canada 070721
Canada 070779
Canada 070782
Canada 070787
Canada 070792
Canada 071151
Canada 071203
Canada 071756
Canada 071757
Canada 071763
Canada 071866
Canada 072006
Canada 072500
Central African Republic 070328
Central Agrican Republic 062262
Chile 066109
Chile 071211
Chile 071216
Chile 071909
China 062281
China 071298
Colombia 063101
Colombia 068374
Colombia 070667
Colombia 071316
Colorado 064665
Colorado 069793
Colorado 070561
Colorado 071193
Colorado 072010
Colorado 072364
Colorado 072424
Colorado 072466
Congo (Dinshasa) 071328
Connecticut 064049
Connecticut 068932
Connecticut 070685
Costa Rica 071166
Cuba 066608
Cuba 066642

Cuba 071084
Czecahoslovak Republic 070761
Czechoslocak Republic 066428
Czechoslovak Republic 062227
Czechoslovak Republic 062243
Czechoslovak Republic 062323
Czechoslovak Republic 062324
Czechoslovak Republic 062397
Czechoslovak Republic 062400
Czechoslovak Republic 062488
Czechoslovak Republic 062801
Czechoslovak Republic 063005
Czechoslovak Republic 063177
Czechoslovak Republic 063208
Czechoslovak Republic 064260
Czechoslovak Republic 064826
Czechoslovak Republic 064923
Czechoslovak Republic 065023
Czechoslovak Republic 065089
Czechoslovak Republic 065204
Czechoslovak Republic 065206
Czechoslovak Republic 065247
Czechoslovak Republic 065823
Czechoslovak Republic 065960
Czechoslovak Republic 065961
Czechoslovak Republic 066255
Czechoslovak Republic 066358
Czechoslovak Republic 066426
Czechoslovak Republic 066429
Czechoslovak Republic 066430
Czechoslovak Republic 066663
Czechoslovak Republic 066665
Czechoslovak Republic 066666
Czechoslovak Republic 067198
Czechoslovak Republic 067293
Czechoslovak Republic 067306
Czechoslovak Republic 068764
Czechoslovak Republic 068871
Czechoslovak Republic 068872
Czechoslovak Republic 070613
Czechoslovak Republic 070760
Czechoslovak Republic 071085
Czechoslovak Republic 071121
Czechoslovak Republic 071159
Czechoslovak Republic 071434
Czechoslovak Republic 071631
Czechoslovak Republic 071952
Czechoslovak Republic 072227
Czechoslovak Republic 072252
Czechoslovak Republic 072453
Czechoslovakia 067279
Czechoslovakia 069721
Denmark 062277
Denmark 062494
Denmark 062495
Denmark 062643
Denmark 062667
Denmark 062945
Denmark 063065
Denmark 065248
Denmark 066587
Denmark 066588
Denmark 066589
Denmark 066590
Denmark 070604
Denmark 070677
Denmark 070688
Denmark 070836
Dominican Republic 062796

Ethiopia 071320
Ethiopia 071912
Fiji 066623
Fiji 068673
Fiji 072037
Fiji 072038
Finland 062437
Finland 062818
Finland 066139
Finland 066140
Finland 066197
Finland 066204
Finland 066269
Finland 066326
Finland 066327
Finland 066440
Finland 071472
Finland 071475
Florida 063126
Florida 064131
Florida 064682
Florida 065249
Florida 065921
Florida 066325
Florida 068184
Florida 068990
Florida 069116
Florida 070120
Florida 071209
Florida 072543
France 062138
France 062171
France 062203
France 062239
France 062255
France 062339
France 062385
France 062430
France 062431
France 062433
France 062450
France 062451
France 062532
France 062533
France 062534
France 062553
France 062556
France 062557
France 062563
France 062740
France 062743
France 062774
France 062780
France 062849
France 062860
France 062866
France 062931
France 062932
France 062933
France 062990
France 062991
France 063006
France 063026
France 063074
France 063160
France 063414
France 063571
France 063573
France 063912
France 064127
France 064180
France 064196
France 064204
France 064672
France 064685
France 064974
France 065108
France 065288
France 065467
France 065608
France 065647
France 066127
France 066658
France 066660
France 066792
France 066802
France 066804
France 066805
France 066806
France 066812
France 066813
France 066814
France 068176
France 068632
France 068675
France 068805
France 068809
France 068811
France 068812
France 069101
France 069124
France 069125
France 069131
France 069135
France 069236
France 069559
France 069612
France 069777
France 069901
France 070296
France 070377
France 070558
France 070686
France 070725
France 071051
France 071340
France 071343
France 071492
France 071516
France 071650
France 071655
France 071657
France 072259
France 072370
France 072489
Gemany (Democratic Republic) 065121
Georgia 062885
Georgia 068677
Georgia 068678
Georgia 069796
German (Federal Republic) 062305
German (Federal Republic) 062545
Germany (Democratic Republic) 062269
Germany (Democratic Republic) 062347
Germany (Democratic Republic) 062349
Germany (Democratic Republic) 062350
Germany (Democratic Republic) 062352
Germany (Democratic Republic) 062353
Germany (Democratic Republic) 062354
Germany (Democratic Republic) 062355
Germany (Democratic Republic) 062356
Germany (Democratic Republic) 062387
Germany (Democratic Republic) 062639
Germany (Democratic Republic) 062888
Germany (Democratic Republic) 062889
Germany (Democratic Republic) 063377
Germany (Democratic Republic) 063896
Germany (Democratic Republic) 064164
Germany (democratic Republic) 064214
Germany (Democratic Republic) 064516
Germany (Democratic Republic) 064864
Germany (Democratic Republic) 065117
Germany (Democratic Republic) 065661
Germany (Democratic Republic) 066134
Germany (Democratic Republic) 066135
Germany (Democratic Republic) 066230
Germany (Democratic Republic) 066280
Germany (Democratic Republic) 066282
Germany (Democratic Republic) 066283
Germany (Democratic Republic) 066284
Germany (Democratic Republic) 066286
Germany (Democratic Republic) 066288
Germany (Democratic Republic) 066290
Germany (Democratic Republic) 067179
Germany (Democratic Republic) 067337
Germany (Democratic Republic) 068669
Germany (Democratic Republic) 068760
Germany (Democratic Republic) 068985
Germany (Democratic Republic) 068987
Germany (Democratic Republic) 069022
Germany (Democratic Republic) 069025
Germany (Democratic Republic) 069783
Germany (Democratic Republic 069799
Germany (Democratic Republic) 069903
Germany (Federal Repbulic) 064757
Germany (Federal Republic) 062156
Germany (Federal Republic) 062236
Germany (Federal Republic) 062271
Germany (Federal Republic) 062315
Germany (Federal Republic) 062484
Germany (Federal Republic) 062485
Germany (Federal Republic) 062546
Germany (Federal Republic) 062591
Germany (Federal Republic) 062608
Germany (Federal Republic) 062610
Germany (Federal Republic) 062628
Germany (Federal Republic) 062645
Germany (Federal Republic) 062714
Germany (Federal Republic) 062720
Germany (Federal Republic) 062769
Germany (Federal Republic) 062770
Germany (Federal Republic) 062771
Germany (Federal Republic) 062797
Germany (Federal Republic) 062799
Germany (Federal Republic) 062820
Germany (Federal Republic) 062846
Germany (Federal Republic) 062847
Germany (Federal Republic) 062848
Germany (Federal Republic) 062855
Germany (Federal Republic) 062968
Germany (Federal Republic) 062970
Germany (Federal Republic) 062986
Germany (Federal Republic) 062993
Germany (Federal Republic) 063040
Germany (Federal Republic) 063047
Germany (Federal Republic) 063089
Germany (Federal Republic) 063090
Germany (Federal Republic) 063183
Germany (Federal Republic) 063259
Germany (Federal Republic) 063285
Germany (Federal Republic) 063306
Germany (Federal Republic) 063704
Germany (Federal Republic) 063882
Germany (Federal Republic) 063944
Germany (Federal Republic) 063946
Germany (Federal Republic) 064159
Germany (Federal Republic) 064225
Germany (Federal Republic) 064758
Germany (Federal Republic) 065136
Germany (Federal Republic) 065137
Germany (Federal Republic) 065138
Germany (Federal Republic) 065233
Germany (Federal Republic) 065263
Germany (Federal Republic) 065306
Germany (Federal Republic) 065310
Germany (Federal Republic) 065654
Germany (Federal Republic) 066148
Germany (Federal Republic) 066150
Germany (Federal Republic) 066160
Germany (Federal Republic) 066161
Germany (Federal Republic) 066216
Germany (Federal Republic) 066219
Germany (Federal Republic) 066336
Germany (Federal Republic) 068911
Germany (Federal Republic) 069078
Germany (Federal Republic) 069079
Germany (Federal Republic) 069083
Germany (Federal Republic) 069195
Germany (Federal Republic) 070538
Germany (Federal Republic) 071188
Germany (Federal Republic) 071191
Germany (Federal Republic) 071226
Germany (Federal republic) 071234
Germany (Federal Republic) 071240
Germany (Federal Republic) 071357
Germany (Federal Republic) 071524
Germany (Federal Republic) 071640
Germany (Federal Republic) 072561
Germany (Federal Republic) 072611
Germany (Federal Republic) 072613
Germany (Federal Reupblic) 065139
Germany. (Federal Republicz) 062646
Ghana 062225
Ghana 062264
Ghana 063395
Ghana 069323
Ghana 070939
Ghana 072107

Great Britain 062159
Great Britain 062199
Great Britain 062232
Great Britain 062237
Great Britain 062238
Great Britain 062394
Great Britain 062630
Great Britain 062632
Great Britain 062651
Great britain 062675
Great Britain 062763
Great Britain 063002
Great Britain 063003
Great Britain 063083
Great Britain 063189
Great Britain 063264
Great Britain 063557
Great Britain 064132
Great Britain 064135
Great Britain 064173
Great Britain 064236
Great Britain 064666
Great Britain 064955
Great Britain 065786
Great Britain 066142
Great Britain 066143
Great Britain 066299
Great Britain 066322
Great Britain 066423
Great Britain 066593
Great Britain 066599
Great Britain 066707
Great Britain 068736
Great Britain 069147
Great Britain 069258
Great Britain 069315
Great Britain 069694
Great Britain 070135
Great Britain 070528
Great Britain 070678
Great Britain 071174
Great Britain 071175
Great Britain 071176
Great Britain 071178
Great Britain 071180
Great Britain 071182
Great Britain 071198
Great Britain 071604
Great Britain 071609
Great Britain 071973

Great Britain 072106
Great Britain 072113
Great Britain 072335
GreatBritain 066719
GreatBritain 067644
GreatBritain 068676
GreatBritain 071617
GreatBritain 071805
GreatBritain 072048
GreatBritain 072618
Greece 069520
Greece 071350
Gulgaria 068816
Guyana 062244
Hawaii 066591
Hawaii 066697
Hawaii 072619
Hong Kong 062666
Hungary 062357
Hungary 062399
Hungary 062507
Hungary 062508
Hungary 062839
Hungary 063050
Hungary 063099
Hungary 063100
Hungary 063604
Hungary 064165
Hungary 064929
Hungary 065264
Hungary 065265
Hungary 065545
Hungary 065634
Hungary 065745
Hungary 066086
Hungary 066087
Hungary 066088
Hungary 066434
Hungary 066435
Hungary 066439
Hungary 066605
Hungary 066610
Hungary 066826
Hungary 066886
Hungary 067305
Hungary 067327
Hungary 069020
Hungary 069232
Hungary 069927
Hungary 071248
Hungary 071532
Hungary 071556
Hungary 072247
Hungary 072345
Hungary 072483
Iceland 066757
Idaho 066094
Illinois 068999
Illinois 069056
Illinois 071375
India 062168
India 062169
India 062174
India 062175
India 062176
India 062177
India 062230
India 062246
India 062274
India 062307
India 062308
India 062478
India 062493
India 062503
India 062531
India 062578
India 062625
India 062654
India 062664
India 062665
India 062678
India 062682
India 062683
India 062725
India 062882
India 062892
India 062893
India 062894
India 062895
India 062896
India 062897
India 062898
India 062899
India 062900
India 062901
India 062902
India 062903
India 062930
India 063008
India 063131
India 063365
India 063369
Indonesia 064396
Indonesia 064986
Indonesia 065011
Indonesia 065493
Iowa 065497
Iowa 065505
Iran 065506
Iran 065507
Iran 066486
Iran 066487
Iran 066646
Iran 066713
Iran 066714
Iran 066754
Iran 066764
Iran 066770
Iran 066852
Iran 067272
Iran 068038
Iraq 068613
Iraq 068660
Israel 068661
Israel 068724
Israel 068732
Israel 068733
Israel 068737
Israel 068743
Israel 068744
Israel 068780
Israel 068963
Israel 069073
Israel 069074
Israel 069202
Israel 069204
Israel 069207
Israel 069346
Israel 069347
Italy 069369
Italy 069370
Italy 069371
Italy 069374
Italy 069375
Italy 069376
Italy 069377
Italy 069378
Italy 069379
Italy 069431
Italy 069526
Italy 069585
Italy 069586
Italy 069642
Italy 069776
Italy 069823
Italy 069889
Italy 070134
Italy 070253
Italy 070326
Italy 070336
Italy 070343
Italy 070346
Italy 070436
Italy 070448
Italy 070580
Italy 071197
Ivory Coast 071284
Ivory Coast 071286
Ivory Coast 071290
Ivory Coast 071292
Japan 071293
Japan 071295
Japan 071296
Japan 071297
Japan 071360
Japan 071392
Japan 071563
Japan 071564
Japan 071782
Japan 071968
Japan 072033
Japan 072034
Japan 072036
Japan 072051
Japan 072077
Japan 072080
Japan 072086
Japan 072088
Japan 072089
Japan 072093
Japan 072098
Japan 072099
Japan 072153
Japan 072278
Japan 072280
Japan 072356
Japan 072393
Japan 072414
Japan 072416
Japan 072426
Japan 072456
Japan 072551
Japan 062712
Japan 062713
Japan 062978
Japan 069005
Japan 064195
Japan 071801
Japan 062240
Kansas 062263
Kansas 062386
Kentucky 065622
Kentucky 065623
Kentucky 066676
Kentucky 066901
Kentucky 069393
Kenya 069623
Kenya 070354
Kenya 070463
Kenya 070464
Kenya 070898
Kenya 063776
Kenya 063988
Kenya 062165
Korea 062242
Laos 063511
Laos 065290
Louisiana 065612
Louisiana 065615
Louisiana 066946
Louisiana 067976
Maine 068044
Maine 068587
Maine 068651
Maine 069139
Malagasy Republic 071772
Malagasy Republic 072102
Malagasy Republic 072418
Malagasy Republic 072421
Malagasy Republic 062235
Malagasy Republic 062442
Malagasy Republic 062499
Malawi 062535
Malawi 062564
Malawi 062565
Malaysia 062994
Malaysia 063272
Malaysia 063568
Malaysia 064126
Malaysia 064128
Malaysia 064157
Malaysia 064179
Malaysia 064202
Malaysia 064972
Malaysia 064976
Malaysia 066592
Malaysia 068745
Malaysia 068746
Malaysia 068747
Malaysia 068917
Malaysia 069629
Malaysia 069806
Malaysia 070113
Malaysia 071465
Malaysia 072170
Malaysia 072254
Malaysia 064199
Malaysia 068848
Maryland 070369
Maryland 071856
Maryland 062325
Mexico 062413
Mexico 062481
Mexico 062612
Mexico 062619
Mexico 062620
Mexico 062650
Mexico 062822
Mexico 062871
Mexico 062883
Mexico 062904
Mexico 062905
Mexico 064611
Michigan 065670
Michigan 066205
Michigan 066206
Michigan 066207
Michigan 066208
Michigan 066210
Michigan 066442
Michigan 066444
Michigan 066667
Michigan 066710
Michigan 066847
Michigan 067939
Michigan 068620
Michigan 068920
Michigan 068922
Michigan 069588
Michigan 069686
Michigan 071251
Michigan 071252
Michigan 071253
Michigan 071254
Minnesota 071304
Mississippi 071346
Mississippi 071347
Mongolian People's Republic 072438
Mongolian People's Republic 072459
Mongolian People's Republic 062186
Mongolian People's Republic 068749
Montana 062716
Montana 062943
Montana 068751
Montana 068752
Montana 072432
Montana 065880
Montana 065881
Montana 065882
Montana 065883
Montana 069210
Montana 070261
Montana 070387
Montana 070832
Montana 062941
Morocco 068883
Morocco 072477
Mozambique 062144
Mozambique 070617
Mozambique 071199
Mozambique 072137
Mozambique 063975
Mozambique 066410
Mozambique 071222
Nebraska 072146
Nebraska 065624
Nebraska 066671
Nepal 066965
Nepal 069803
Nepal 070697
Nepal 070851
Netherlands 071342
Netherlands 068971
Netherlands 069541
Netherlands 070379
Netherlands 062554
Netherlands 062555
Netherlands 063418
Netherlands 063419
Netherlands 063420
Netherlands 063421
Netherlands 063422
Netherlands 063423
Netherlands 069214
Netherlands 069215
Netherlands 069216
Netherlands 069217
Netherlands 069218
Netherlands 069219
Netherlands 069220
Netherlands 069221
Nevada 069222
New Hampshire 069223
New Hampshire 069224
New Jersey 069539
New Jersey 069890
New Jersey 072178
New Jersey 072179
New Mexico 062268
New York 066824
New York 068759
New York 062663
New York 063317
New York 066261
New York 066366
New York 066580
New York 066583
New York 066652
New York 066785
New York 067471
New York 069877
New York 071204
New York 072451
New York 062188
New York 062189
New Zealand 062190
New Zealand 062191
New Zealand 062952
New Zealand 062953
New Zealand 062954
New Zealand 062955
New Zealand 062956
New Zealand 062957
New Zealand 062958
New Zealand 062959
New Zealand 062960
New Zealand 062961
New Zealand 062962
New Zealand 062963
New Zealand 062966
New Zealand 067688
New Zealand 068404
New Zealand 071402
New Zealand 071403
New Zealand 066753
066767
068768
062950
066072
062761
064806
064807
064808
064809
064810
064811
064812
066104
068817
069130
070182
072151
072181
071177
072255
062209
064893
065617
065709
068683
070638
072300
068782
068783
072158
066098
066662
071150
071294
062135
062196
062317
062426
062427
062541
062542
062543
062668
063508
063911
064115
065313
065667
066114
066755
069157
069632
071432
071602
070872
066263
071172
062548
066557
071219
071859
069092
062403
062404
062405
062406
062407
062408
062409
062410
062411
062412
062549
066186
066621
068997
070531
071769
062296
062395
062566
064212
064213
065309
065587
065589
066115
066116
066267
066647
066700
066878
066879
066880
066881
066882
066883
066884

New Zealand 069265
New Zealand 069843
New Zealand 071849
New Zealand 071850
New Zealand 072394
New Zealand 072574
Nigeria 062212
Nigeria 062276
Nigeria 062298
Nigeria 062570
Nigeria 063276
Nigeria 065394
Nigeria 066195
Nigeria 068180
Nigeria 068490
Nigeria 068847
Nigeria 069946
Nigeria 070977
Nigeria 071055
Nigeria 071913
Nigeria 072020
North Carolina 062193
North Carolina 062402
North Carolina 063235
North Carolina 069521
North Carolina 072155
North Carolina 072156
North Carolina 072435
North Carolina 072569
North Dakota 062547
North Dakota 068775
North Dakota 070562
North Dakota 072367
NorthCarolina 072154
Northern Ireland 062233
Northern Ireland 062479
Northern Ireland 062480
Northern Ireland 064594
Northern Ireland 064595
Northern Ireland 064596
Northern Ireland 065215
Northern Ireland 067878
Northern Ireland 068926
Northern Ireland 071420
Norway 062241
Norway 062540
Norway 062676
Norway 062948
Norway 062949
Norway 063258
Norway 064994
Norway 066201
Norway 067684
Norway 069026
Norway 069230
Norway 069437
Norway 069834
Norway 070635
Norway 070983
Norway 070984
Norway 070986
Norway 071184
Norway 071257
Norway 071258
Norway 071259
Norway 071260
Norway 071261
Norway 071262
Norway 071263
Norway 071264
Norway 071265
Norway 071266
Norway 071267
Norway 071270
Norway 071271
Norway 071272
Norway 071273
Norway 071276
Norway 071277
Norway 071278
Norway 071279
Norway 071280
Norway 071281
Norway 071792
Norway 072040
Norway 072044
Ohio 062197
Ohio 062280
Ohio 062659
Ohio 063237
Ohio 068793
Ohio 068795
Ohio 071486
Ohio 072166
Ohio 072475
Oklahoma 062734
Oklahoma 066367
Oklahoma 068796
Oklahoma 068818
Oklahoma 070178
Oklahoma 070180
Oklahoma 069265
Oklahoma 069843
Oklahoma 071849
Oregon 062212
Oregon 062276
Oregon 062298
Oregon 062570
Pakistan 063276
Pakistan 065394
Pakistan 066195
Pakistan 068180
Pakistan 068490
Pakistan 068847
Pakistan 069946
Pakistan 070977
Pakistan 071055
Pakistan 071913
Pakistan 072020
Pakistan 062193
Pakistan 062402
Pakistan 063235
Pakistan 069521
Pakistan 072155
Pennsylvania 072156
Pennsylvania 072435
Pennsylvania 072569
Pennsylvania 062547
Pennsylvania 068775
Peru 070562
Peru 072367
Peru 072154
Peru 062233
Philippine Islands 062479
Philippine Islands 062480
Philippine Islands 064594
Philippine Islands 064595
Philippine Islands 064596
Philippine Islands 065215
Philippine Islands 067878
Philippine Islands 068926
Philippine Islands 071420
Philippine Islands 062241
Philippine Islands 062540
Philippine Islands 062676
Philippine Islands 062948
Philippine Islands 062949
Philippine Islands 063258
Philippine Islands 064994
Philippine Islands 066201
Philippine Islands 067684
Philippine Islands 069026
Philippine Islands 069230
Philippine Islands 069437
Philippine Islands 069834
Poland 070635
Poland 070983
Poland 070984
Poland 070986
Poland 071184
Poland 071257
Poland 071258
Poland 071259
Poland 071260
Poland 071261
Poland 071262
Poland 071263
Poland 071264
Poland 071265
Poland 071266
Poland 071267
Poland 071270
Poland 071271
Poland 071272
Poland 071273
Poland 071276
Poland 071277
Poland 071278
Poland 071279
Poland 071280
Poland 071281
Poland 071792
Poland 072040
Poland 072044
Poland 062197
Poland 062280
Poland 062659
Poland 063237
Poland 068793
Poland 068795
Poland 071486
Poland 072166
Poland 072475
Poland 062734
Poland 066367
Poland 068796
Poland 068818
Poland 070178
Poland 070180
Poland 070367
Poland 070368
Poland 071857
Poland
Poland
Poland
Poland 063236
Poland 066311
Poland 070563
Poland 072296
Poland 062737
Poland 063188
Poland 065006
Poland 067017
Poland 067283
Poland 068802
Poland 069076
Poland 069460
Poland 069602
Poland 069828
Poland 069868
Poland 070304
Poland 070355
Poland 072112
Poland 072168
Poland 072423
Poland 062997
Poland 062998
Poland 066823
Poland 071171
Poland 072598
Poland 062684
Poland 066617
Poland 069756
Poland 071314
Poland 062214
Poland 062710
Poland 062711
Poland 062999
Poland 063159
Poland 063415
Poland 065057
Poland 065594
Poland 065595
Poland 065596
Poland 065597
Poland 065598
Poland 065601
Poland 065602
Poland 066768
Poland 069113
Poland 069212
Poland 069679
Poland 070277
Poland 071916
Poland 072579
Poland 072599
Poland 062194
Poland 062204
Poland 062207
Poland 062226
Poland 062279
Poland 062292
Poland 062414
Poland 062416
Poland 062419
Poland 062420
Poland 062421
Poland 062422
Poland 062423
Poland 062424
Poland 062436
Poland 062558
Poland 062559
Poland 062560
Poland 062604
Poland 062605
Poland 062726
Poland 062738
Poland 062745
Poland 062746
Poland 062747
Poland 062748
Poland 062749
Poland 062750
Poland 062752
Poland 062753
Poland 062754
Poland 062972
Poland 062973
Poland 062974
Poland 063161
Poland 063269
Poland 063274
Poland 063427
Poland 063431
Poland 063432
Poland 063748
Poland 063777
Poland 063783
Poland 064082
Poland 064087
Poland 064163
Poland 064169
Poland 064170
Poland 064171
Poland 064177
Poland 064185
Poland 064187
Poland 064190
Poland 064556
Poland 064560
Poland 064561
Poland 065035
Poland 065053
Poland 065063
Poland 065066
Poland 065068
Poland 065069
Poland 065070
Portugal 065071
Portugal 065072
Puerto Rico 065076
Puerto Rico 065077
Puerto Rico 065271
Puerto Rico 065303
Puerto Rico 065360
Puerto Rico 065361
Rhodesia 065363
Rhodesia 065364
Rhodesia 065368
Roamnia 065556
Romania 065557
Romania 065560
Romania 065563
Romania 065564
Romania 065567
Romania 065609
Romania 066033
Romania 066091
Romania 066117
Romania 066118
Romania 066119
Romania 066120
Romania 066137
Romania 066138
Romania 066199
Romania 066292
Romania 066379
Romania 066504
Romania 066731
Romania 066767
Romania 066808
Romania 066843
Romania 066887
Romania 066888
Romania 066889
Romania 067001
Romania 067184
Romania 067280
Romania 067321
Romania 068135
Romania 068206
Romania 068687
Romania 068688
Romania 068689
Romania 068761
Romania 068763
Romania 068791
Romania 068893
Romania 069097
Romania 069211
Romania 069443
Romania 069449
Romania 069673
Romania 069855
Romania 069856
Romania 069859
Romania 069861
Romania 069862
Romania 070216
Romania 070217
Romania 070270
Romania 070281
Romania 070287
Romania 070383
Romania 070479
Romania 070481
Romania 070485
Romania 070487
Romania 070488
Romania 070490
Romania 070496
Romania 070498
Romania 070548
Romania 070555
Romania 070556
Scotland 071282
Scotland 071283
Scotland 071301
Scotland 071302
Scotland 071305
Scotland 071306
Scotland 071308
Scotland 071331
Scotland 071406
Scotland 071651
Scotland 071774
Scotland 071853
Scotland 071966
Scotland 072163
Scotland 072182
Sierra Leone 072342
Sierra Leone 072343
South Africa 072348
South Africa 072373
South Africa 072479
South Africa 072565
South Africa 072585
South Africa 072586
South Africa 072601
South Africa 062891
South Africa 066778
South Africa 068738
South Africa 068801
South Africa 069433
South Africa 070472
South Africa 071783
South Africa 072446
South Carolina 070046
South Carolina 070126
South Dakota 071133
South Dakota 066910
South Dakota 063116
South Dakota 064019
South Dakota 064020
South Dakota 064200
South West Africa 065085
South West Africa 065146
SouthCarolina 065328
SouthCarolina 065672
Spain 066129
Spain 066638
spain 066803
Spain 066815
Spain 066816
Spain 066902
Spain 066903
Spain 066904
Spain 067052
Spain 067187
Spain 068186
Spain 068494
Spain 068852
Spain 068908
Spain 069163
Spain 069164
Spain 069165
Spain 069384
Spain 069385
Spain 069386
Spain 069387
Spain 069388
Spain 069389
Spain 069561
Spain 069644
Sudan 069645
Sudan 069646
Sweden 069647
Sweden 069648
Sweden 069824
Sweden 070218
Sweden 070254
Sweden 070255
Sweden 070256
Sweden 070257
Sweden 070351
Sweden 070352
Sweden 070456
Sweden 070457
Sweden 070458
Sweden 070459
Sweden 070460
Sweden 070461
Sweden 070707
Sweden 070895
Sweden 070896
Sweden 071144
Sweden 071164
Sweden 071354
Sweden 071931
Sweden 071932
Sweden 071933
Sweden 072206
Sweden 072207
Sweden 072331
Sweden 072469
Sweden 072470
Switzerland 062192
Switzerland 062294
Switzerland 062295
Switzerland 062571
Switzerland 062572
Switzerland 062573
Switzerland 062574
Switzerland 062762
Switzerland 062824
Switzerland 062825
Switzerland 066758
Switzerland 067645
Switzerland 069534
Switzerland 070074
Switzerland 070567
Switzerland 063281
Switzerland 066838
Switzerland 062180
Switzerland 062443
Switzerland 063022
Switzerland 063263
Switzerland 063791
Switzerland 063792
Switzerland 063910
Switzerland 066724
Switzerland 068662
Switzerland 068828
Switzerland 068829
Switzerland 068983
Switzerland 069028
Switzerland 071119
Switzerland 072594
Switzerland 062567
Switzerland 070957
Switzerland 062211
Switzerland 064203
Switzerland 066392
Switzerland 069691
Switzerland 071663
Switzerland 072595
Switzerland 066721
Switzerland 066722
Switzerland 068640
Switzerland 068962
Switzerland 062217
Switzerland 062314
Switzerland 062685
Switzerland 063011
Switzerland 063048
Switzerland 063376
Switzerland 065222
Switzerland 065468
Switzerland 065469
Switzerland 065626
Switzerland 065628
Switzerland 065629
Switzerland 066057
Switzerland 066801
Switzerland 068198
Switzerland 068254
Switzerland 068946
Switzerland 071235
Switzerland 071335
Switzerland 071351
Switzerland 071737
Switzerland 071738
Switzerland 071739
Switzerland 071991
Switzerland 072355
Switzerland 066846
Switzerland 070284
Switzerland 062447
Switzerland 062826
Switzerland 062946
Switzerland 062947
Switzerland 063191
Switzerland 063198
Switzerland 064140
Switzerland 065590
Switzerland 065649
Switzerland 066260
Switzerland 066857
Switzerland 067365
Switzerland 068684
Switzerland 068836
Switzerland 068837
Switzerland 068838
Switzerland 068839
Switzerland 068841
Switzerland 068854
Switzerland 069149
Switzerland 069150
Switzerland 069151
Switzerland 069153
Switzerland 069156
Switzerland 070212
Switzerland 070213
Switzerland 070214
Switzerland 071274
Switzerland 072518
Switzerland 072610
Switzerland 062161
Switzerland 062187
Switzerland 062445
Switzerland 064184
Switzerland 064942

Switzerland 066372
Switzerland 066581
Switzerland 066603
Switzerland 066796
Switzerland 066798
Switzerland 066896
Switzerland 066911
Switzerland 066914
Switzerland 067058
Switzerland 068755
Switzerland 068824
Switzerland 069082
Switzerland 070442
Switzerland 071179
Switzerland 071334
Switzerland 071337
Switzerland 071494
Switzerland 071495
Switzerland 072591
Syria 070655
Taiwan 062139
Taiwan 062297
Taiwan 062326
Taiwan 062327
Taiwan 062581
Taiwan 062638
Taiwan 062729
Taiwan 062731
Taiwan 062767
Taiwan 062975
Taiwan 062976
Taiwan 062977
Taiwan 062979
Taiwan 063007
Taiwan 064172
Taiwan 066078
Taiwan 066810
Taiwan 070316
Taiwan 070575
Taiwan 071162
Taiwan 071163
Taiwan 071345
Taiwan 071711
Tanzania 062788
Tanzania 063849
Tanzania 070191
Tanzania 072019
Tennessee 066408
Tennessee 072542
Texas 062258
Texas 062588
Texas 062804
Texas 062805
Texas 062806
Texas 062807
Texas 062808
Texas 062809
Texas 062810
Texas 062811
Texas 062812
Texas 062814
Texas 064210
Texas 064847
Texas 064848
Texas 068843
Texas 068844
Texas 069558
Texas 070403
Texas 070404
Texas 070642
Texas 071130
Thailand 062708
Thailand 063025
Thailand 065259
Thailand 066090
Thailand 068779
Thailand 070189
Thailand 071927
Thailand 071928
Thailand 071929
Togo 071855
Tunisia 072263
Tunisia 072442
Turkey 062216
Turkey 063014
Turkey 064936
Turkey 065183
Turkey 071124
Turkey 071167
Turkey 071168
Turkey 071955
Turley 070420
Uganda 064881
Uganda 065972
Uganda 066948
Uganda 070190
Uganda 070324
Uganda 070378
Uganda 070615
Uganda 070942
United Arab Republic 063518
United Arab Republic 063949
United States 062220
United States 062224
United States 062309
United States 062322
United States 062360
United States 062453
United States 062550
United States 062551
United States 062585
United States 062586
United States 062587
United States 062589
United States 062590
United States 062656
United States 062657
United States 062658
United States 062670
United States 062674
United States 062715
United States 062719
United States 062730
United States 062732
United States 062735
United States 062744
United States 062765
United States 062773
United States 062775
United States 062776
United States 062777
United States 062782
United States 062795
United States 062827
United States 062828
United States 062829
United States 062830
United States 062831
United States 062862
United States 062864
United States 062874
United States 062875
United States 062876
United States 062877
United States 062878
United States 062879
United States 062886
United States 062908
United States 062909
United States 062910
United States 062911
United States 062939
United States 062942
United States 062965
United States 062982
United States 063004
United States 063012
United States 063013
United States 063080
United States 063085
United States 063280
United States 063733
United States 064032
United States 064975
United States 065400
United States 065448
United States 066145
United States 066303
United States 066307
United States 066391
United States 066563
United States 066627
United States 066766
United States 067575
United States 070209
United States 070289
United States 070560
United States 071339
United States 071374
United States 071700
United States 071771
United States 071812
United States 072305
United States 072437
United States 072487
United States 072512
United States 072516
United States 072537
United States 072538
United States 072539
United States 072541
United States 072545
United States 072546
United States 072559
United States 072608
United States 072620
USSN 068781
uSSR 062182
USSR 062183
USSR 062249
USSR 062250
USSR 062251
USSR 062252
USSR 062266
USSR 062331
USSR 062332
USSR 062333
USSR 062334
USSR 062335
USSR 062336
USSR 062337
USSR 062338
USSR 062359
USSR 062365
USSR 062366
USSR 062367
USSR 062368
USSR 062369
USSR 062371
USSR 062372
USSR 062373
USSR 062374
USSR 062375
USSR 062376
USSR 062377
USSR 062378
USSR 062379
USSR 062380
USSR 062381
USSR 062382
USSR 062383
USSR 062390
USSR 062398
USSR 062448
USSR 062454
USSR 062455
USSR 062456
USSR 062457
USSR 062458
USSR 062459
USSR 062460
USSR 062461
USSR 062468
USSR 062469
USSR 062496
USSR 062497
USSR 062498
USSR 062509
USSR 062518
USSR 062519
USSR 062520
USSR 062521
USSR 062522
USSR 062523
USSR 062525
USSR 062526
USSR 062527
USSR 062528
USSR 062529
USSR 062530
USSR 062568
USSR 062569
USSR 062575
USSR 062577
USSR 062579
USSR 062592
USSR 062593
USSR 062594
USSR 062595
USSR 062596
USSR 062598
USSR 062599
USSR 062600
USSR 062601
USSR 062602
USSR 062606
USSR 062652
USSR 062673
USSR 062872
USSR 062926
USSR 062927
USSR 062928
USSR 062929
USSR 062951
USSR 062967
USSR 062980
USSR 062981
USSR 063000
USSR 063001
USSR 063009
USSR 063010
USSR 063018
USSR 063138
USSR 063441
USSR 063689
USSR 064092
USSR 064096
USSR 064144
USSR 064145
USSR 064146
USSR 064231
USSR 064240
USSR 064495
USSR 064504
USSR 064505
USSR 064716
USSR 064717
USSR 064718
USSR 064832
USSR 064836
USSR 064927
USSR 065091
USSR 065097
USSR 065098
USSR 065099
USSR 065100
USSR 065101
USSR 065103
USSR 065148
USSR 065158
USSR 065253
USSR 065299
USSR 065337
USSR 065338
USSR 065339
USSR 065378
USSR 065482
USSR 065485
USSR 065486
USSR 065487
USSR 065488
USSR 065489
USSR 065490
USSR 065491
USSR 065542
USSR 065555
USSR 065575
USSR 065645
USSR 065679
USSR 065681
USSR 065682
USSR 065765
USSR 065766
USSR 065770
USSR 065771
USSR 065772
USSR 065773
USSR 065774
USSR 065775
USSR 065776
USSR 065777
USSR 065779
USSR 065780
USSR 065782
USSR 065784
USSR 065785
USSR 065791
USSR 065792
USSR 065797
USSR 065801
USSR 065805
USSR 065812
USSR 065828
USSR 065829
USSR 065835
USSR 065836
USSR 065837
USSR 065838
USSR 065839
USSR 065840
USSR 065842
USSR 065843
USSR 065860
USSR 065861
USSR 065862
USSR 065863
USSR 065864
USSR 065865
USSR 065866
USSR 065868
USSR 065869
USSR 065871
USSR 066100
USSR 066101
USSR 066102
USSR 066103
USSR 066106
USSR 066110
uSSR 066111
USSR 066112
USSR 066162
USSR 066233
USSR 066238
USSR 066239
USSR 066240
USSR 066241
USSR 066242
USSR 066243
USSR 066244
USSR 066245
USSR 066247
USSR 066248
USSR 066249
USSR 066251
066254
066272
066314
066324
066341
066343
066345
066346
066359
066360
066365
066394
066403
066495
066496
066497
066498
066527
066594
066602
066611
066630
066682
066683
066684
066685
066687
066688
066689
066690
066730
066745
066746
066747
066748
066749
066750
066789
066791
066811
066817
066818
066819
066820
066841
066848
066864
066866
066870
066872
066875
066876
066877
067007
067054
067194
067196
067213
067216
067231
067242
067243
067245
067246
067258
067259
067260
067261
067262
067265
067278
067304
067355
067356
067386
067399
067578
067606
067690
067717
067847
067866
068583
068600
068616
068619
068697
068698
068699
068701
068702
068703
068704
068705
068706
068709
068710
068711
068712
068713
068714

USSR 068715
USSR 068716
USSR 068717
USSR 068718
USSR 068719
USSR 068720
USSR 068721
USSR 068722
USSR 068723
USSR 068756
USSR 068757
USSR 068762
USSR 068831
USSR 068832
USSR 068856
USSR 068857
USSR 068858
USSR 068860
USSR 068861
USSR 068864
USSR 068867
USSR 068870
USSR 069014
USSR 069016
USSR 069017
USSR 069018
USSR 069019
USSR 069063
USSR 069064
USSR 069067
USSR 069144
USSR 069148
USSR 069170
USSR 069171
USSR 069178
USSR 069181
USSR 069228
USSR 069344
USSR 069401
USSR 069408
USSR 069409
USSR 069416
USSR 069417
USSR 069419
USSR 069420
USSR 069551
USSR 069564
USSR 069565
USSR 069566
USSR 069567
USSR 069575
USSR 069577
USSR 069592
USSR 069606
USSR 069784
USSR 069838
USSR 069900
USSR 069911
USSR 069914
USSR 069922
USSR 069923
USSR 069924
USSR 069925
USSR 069926
USSR 069928
USSR 069929
USSR 069940
USSR 070145
USSR 070151
USSR 070153
USSR 070154
USSR 070155
USSR 070157
USSR 070160
USSR 070206
USSR 070235
USSR 070236
USSR 070298
USSR 070360
USSR 070361
USSR 070513
USSR 070521
USSR 070523
USSR 070543
USSR 070625
USSR 070626
USSR 070627
USSR 070632
USSR 070647
USSR 070648
USSR 070652
USSR 070653
USSR 070820
USSR 070840
USSR 070975
USSR 071104
USSR 071107
USSR 071114
USSR 071126
USSR 071255
USSR 071256
USSR 071362
USSR 071363
USSR 071365
USSR 071366
USSR 071367
USSR 071369
USSR 071413
USSR 071448
USSR 071449
USSR 071450
USSR 071461
USSR 071496
USSR 071557
USSR 071558
USSR 071560
USSR 071562
USSR 071589
USSR 071590
USSR 071591
USSR 071592
USSR 071593
USSR 071634
USSR 071666
USSR 071712
USSR 071720
USSR 071721
USSR 071722
USSR 071724
USSR 071725
USSR 071730
USSR 071732
USSR 071734
USSR 071788
USSR 071795
USSR 071813
USSR 071818
USSR 071824
USSR 071827
USSR 071830
USSR 071834
USSR 071837
USSR 071838
USSR 071840
USSR 071841
USSR 071842
USSR 071846
USSR 071848
USSR 071873
USSR 071876
USSR 071878
USSR 071879
Utah 071880
Utah 071882
Utah 071883
Utah 071884
Venezuela 071885
Venezuela 071897
Venezuela 071921
Venezuela 071925
Venezuela 071937
Venezuela 071939
Venezuela 071940
Venezuela 071942
Venezuela 071945
Venezuela 071950
Venezuela 071979
Venezuela 071981
Venezuela 072063
Venezuela 072064
Vermont 072065
Viet Nam 072069
Virginia 072070
Virginia 072071
Virginia 072073
Virginia 072118
072122
072128
West Verginia 072129
West Virginia 072131
West Virginia 072134
West Virginia 072188
West Virginia 072209
Wisconsin 072216
Wisconsin 072221
Wisconsin 072224
Wisconsin 072246
Wisconsin 072262
Wisconsin 072268
Wisconsin 072269
Wisconsin 072270
Wisconsin 072271
Wisconsin 072272
Wisconsin 072273
Wisconsin 072274
Wisconsin 072275
Wisconsin 072276
Yugoslavia 072277
Yugoslavia 072286
Yugoslavia 072288
Yugoslavia 072297
Yugoslavia 072308
Yugoslavia 072313
Yugoslavia 072315
Yugoslavia 072316
Yugoslavia 072320
Yugoslavia 072321
Yugoslavia 072322
072324
072326
072329
072332
072333
072334
072351
072371
072372
072374
072375
072376
072377
072378
072379
072380
072381
072383
072384
072385
072386
072388
072389
072399
072400
072401
072402
072403
072404
072405
072406
072407
072408
072409
072410
072411
072412
072413
072433
072434
072455
072463
072465
072473
072485
066679
066680
066862
071194
062259
065081
065083
065292
065293
066370
066772
066773
066775
066776
069544
070119
071207
071208
069522
063417
062231
066084
068855
068996
069183
062603
066316
066405
068533
062302
062463
062464
066165
066166
067560
068609
068610
068611
068612
069229
069746
071355
072282
062173
062766
062794
066149
066908
066909
069193
069578
070566
071173
071186

CORPORATE AUTHOR INDEX

Alabama Agricultural Experiment Station 062615
Alabama Agricultural Experiment Station 064707
Alabama Agricultural Experiment Station 066612
Alabama Agricultural Experiment Station 068222
Alabama Agricultural Experiment Station 068223
Alabama Agricultural Experiment Station 068224
Alabama Agricultural Experiment Station 068225
Alabama Agricultural Experiment Station 068226
Alabama Agricultural Experiment Station 068227
Alabama Agricultural Experiment Station 068228
Alabama Agricultural Experiment Station 068229
Alabama Agricultural Experiment Station 068230
Alabama Agricultural Experiment Station 068231
Alabama Agricultural Experiment Station 068232
Alabama Agricultural Experiment Station 070579
Alabama Agricultural Experiment Station 071988
American Camellia Society 068993
American Chemical Society 072481
Arkansas Agricultural Experiment Station 069941
Arkansas Agricultural Experiment Station 069942
Arkansas Agricultural Experiment Station 070309
Arkansas Agricultural Experiment Station 071131
Arkansas Agricultural Experiment Station 071994
Arkansas. Agricultural Experiment Station 062622
Arkansas. Agricultural Experiment Station 062623
Arkansas. Agricultural Experiment Station 062624
Arkansas. Agricultural Experiment Station 064642
Arkansas. Agricultural Experiment Station 066191
Arkansas. Agricultural Experiment Station 068622
Arkansas. Agricultural Experiment Station 068623
Arkansas. Agricultural Experiment Station 068624
Arkansas. Agricultural Experiment Station 068952
Arkansas. Agricultural Experiment Station 068953
Arkansas. Agricultural Experiment Station 069247
Arkansas. Agricultural Experiment Station 069248
Arkansas. Agricultural Experiment Station 069943
Arkansas. Agricultural Experiment Station 070310
Arkansas. Agricultural Experiment Station 070596
Arkansas. Agricultural Experiment Station 071995
British Grassland Society 064118
California Agricultural Experiment Station 062861
California Agricultural Experiment Station 072357
California Agricultural Experiment Station 072358
California University, Berkeley Agricultural Extension Service 062813
California University, Berkeley Agricultural Extension Service 069766
Clemson University College of Agriculture and Biological Sciences 063176
Clemson University College of Agriculture and Biological Sciences 066042
Clemson University Extension Service 064123
Clemson University Extension Service 068640
Clemson University Extension Service 068962
Colorado Agricultural Experiment Station 064665
Colorado Agricultural Experiment Station 068308
Colorado Agricultural Experiment Station 068641
Colorado Agricultural Experiment Station 068642
Colorado Agricultural Experiment Station 068643
Colorado Agricultural Experiment Station 068644
Colorado Agricultural Experiment Station 068645
Colorado Agricultural Experiment Station 068646
Colorado Agricultural Experiment Station 068647
Colorado Agricultural Experiment Station 068648
Colorado Agricultural Experiment Station 071539
Colorado Agricultural Experiment Station 072010
Colorado Agricultural Experiment Station 072363
Colorado Agricultural Experiment Station 072364
Colorado Agricultural Experiment Station 072365
Connecticut Agricultural Experiment Station 064049
Connecticut Agricultural Experiment Station 070685
European Confederation of Agriculture 062163
Fertiliser Association of India 072034
Finland Metsantutkimuslaitos 066204
Florida University Cooperative Extension Service 068990
Florida University Cooperative Extension Service 068991
Florida University Cooperative Extension Service 070434
Food and Agriculture Organization of the United Nations 063340
Food and Agriculture Organization of the United Nations 063727
Food and Agriculture Organization of the United Nations United Nations Development Program 066090
Food and Agriculture Organization of the United Nations United Nations Development Program 066195
Food and Agriculture Organization of the United Nations 066447
Food and Agriculture Organization of the United Nations World Reporting Service on Plant Diseases and Pests 069322
Food and Agriculture Organization of the United Nations World Reporting Service on Plant Diseases and Pests 069323
Food and Agriculture Organization of the United Nations World Reporting Service on Plant Diseases and Pests 069623
Food and Agriculture Organization of the United Nations World Reporting Service on Plant Diseases and Pests 069624
Food and Agriculture Organization of the United Nations World Reporting Service on Plant Diseases and Pests 070326
Food and Agriculture Organization of the United Nations World Reporting Service on Plant Diseases and Pests 070436
Food and Agriculture Organization of the United Nations United Nations Development Program 072255
Georgia University Cooperative Extension Service 062505
Georgia University Cooperative Extension Service 068677
Georgia University Cooperative Extension Service 069796
Georgia University Cooperative Extension Service 069797
Hawaii Agricultural Experiment Station 063930
Hawaii Agricultural Experiment Station 069037
Hawaii Agricultural Experiment Station 070141
Hawaii Agricultural Experiment Station 070873
Hawaii University College of Tropical Agriculture 068969
Hawaii University Cooperative Extension Service 066591
Hawaii University Cooperative Extension Service 069636
Hokkaido-ritsu Rinsan Shikenjo 066448
Hokkaido-ritsu Rinsan Shikenjo 066453
Idaho University Cooperative Extension Service 064714
Idaho University Cooperative Extension Service 065252
Illinois Agricultural Experiment Station 063366
Illinois Agricultural Experiment Station 064995
Illinois Agricultural Experiment Station 066480
Illinois Agricultural Experiment Station 069055
Illinois Agricultural Experiment Station 069056
Illinois Agricultural Experiment Station 069057
Illinois Agricultural Experiment Station 069817
Illinois Agricultural Experiment Station 070144
Illinois Agricultural Experiment Station 072265
Illinois Agricultural Experiment Station 072266
Institut economique agricole 062802

stitut economique agricole 062803
wa Agricultural and Home Economics Experiment Station 071801
rael Ministry of Agriculture Extension Service Field Crops Dept. 072418
ansas Agricultural Experiment Station 062186
ansas Agricultural Experiment Station 068749
entucky Agricultural Experiment Station Dept. of Agricultural Economics 062942
entucky Agricultural Experiment Station 068751
entucky Agricultural Experiment Station 068752
entucky Agricultural Experiment Station 072432
entucky University Cooperative Extension Service 062716
entucky University Cooperative Extension Service 062943
ouisiana Agricultural Experiment Station Dept. of Agronomy 072137
ouisiana Agricultural Experiment Station Dept. of Agronomy 072138
ouisiana State University and Agricultural and Mechanical College 072137
ouisiana State University and Agricultural and Mechanical College 072138
Maine Agricultural Experiment Station 072180
Maine Life Sciences and Agriculture Experiment Station 063975
Maine Life Sciences and Agricultural Experiment Station 072146
Maine University Cooperative Extension Service 064771
Maryland Agricultural Experiment Station 062268
Maryland Agricultural Experiment Station 068759
Maryland University Cooperative Extension Service 069836
Maryland University Cooperative Extension Service 069837
Maryland University Cooperative Extension Service 070167
Maryland University Cooperative Extension Service 070362
Mezogazdasagi Gepkiserlati Intezet 071532
Michigan Agricultural Experiment Station 062188
Michigan Agricultural Experiment Station 062189
Michigan Agricultural Experiment Station 062190
Michigan Agricultural Experiment Station 062191
Michigan Agricultural Experiment Station 062952
Michigan Agricultural Experiment Station 062953
Michigan Agricultural Experiment Station 062954
Michigan Agricultural Experiment Station 062955
Michigan Agricultural Experiment Station 062956
Michigan Agricultural Experiment Station 062957
Michigan Agricultural Experiment Station 062958
Michigan Agricultural Experiment Station 062959
Michigan Agricultural Experiment Station 062960
Michigan Agricultural Experiment Station 062961
Michigan Agricultural Experiment Station 062962
Michigan Agricultural Experiment Station 062963
Michigan Agricultural Experiment Station 067688
Michigan Agricultural Experiment Station 068404
Michigan Agricultural Experiment Station 071402
Michigan Agricultural Experiment Station 071403
Michigan State University Cooperative Extension Service Dept. of Agricultural Economics 062965
Mississippi Agricultural and Forestry Experiment Station 068767
Mississippi Agricultural and Forestry Experiment Station 068768
Mississippi Agricultural and Forestry Experiment Station 068769
Mississippi Agricultural and Forestry Experiment Station 068770
Mississippi Agricultural and Forestry Experiment Station 069600
Montana Agricultural Experiment Station 069130
Montana Agricultural Experiment Station 069427
Montana Agricultural Experiment Station 069599
Montana Agricultural Experiment Station 071828
Montana Agricultural Experiment Station 072151
Montana State University Cooperative Extension Service 069427
Montana State University Cooperative Extension Service 069599
Montana State University Cooperative Extension Service 071828
Montana State University Cooperative Extension Service 072151
Nebraska Agricultural Experiment Station 068782
Nebraska Agricultural Experiment Station 072158
New Hampshire University Cooperative Extension Service 066263
New Mexico Agricultural Experiment Station 065582
New Mexico Agricultural Experiment Station 065583
New Mexico State University Cooperative Extension Service 069092
New Mexico State University Cooperative Extension Service 070363
North Carolina Agricultural Experiment Station 072154
North Carolina State University Agricultural Extension Service 062193
North Carolina State University Agricultural Extension Service 062272
North Carolina State University Agricultural Extension Service 062273
North Carolina State University Agricultural Extension Service 062402
North Carolina State University Agricultural Extension Service 066262
North Carolina State University Agricultural Extension Service 068771
North Carolina State University Agricultural Extension Service 071643
North Carolina State University Agricultural Extension Service 072155
North Carolina State University Agricultural Extension Service 072156
North Carolina State University Agricultural Extension Service 072569
North Dakota Agricultural Experiment Station 062547
North Dakota Agricultural Experiment Station 062724
North Dakota Agricultural Experiment Station 063562
North Dakota Agricultural Experiment Station 063775
North Dakota Agricultural Experiment Station 064783
North Dakota Agricultural Experiment Station 068406
North Dakota Agricultural Experiment Station 068772
North Dakota Agricultural Experiment Station 068773
North Dakota Agricultural Experiment Station 068774
North Dakota Agricultural Experiment Station 068775
North Dakota Agricultural Experiment Station 068776
North Dakota Agricultural Experiment Station 068777
North Dakota Agricultural Experiment Station 069432
North Dakota Agricultural Experiment Station 071644
Ohio Agricultural Research and Development Center 062197
Ohio Agricultural Research and Development Center 062280
Ohio Agricultural Research and Development Center 062982
Ohio Agricultural Research and Development Center 064464
Ohio Agricultural Research and Development Center 065056
Ohio Agricultural Research and Development Center 068083
Ohio Agricultural Research and Development Center 068416
Ohio Agricultural Research and Development Center 068417
Ohio Agricultural Research and Development Center 068418
Ohio Agricultural Research and Development Center 068419
Ohio Agricultural Research and Development Center 068420
Ohio Agricultural Research and Development Center 068573
Ohio Agricultural Research and Development Center Dept. of Agronomy 068793
Ohio Agricultural Research and Development Center 068794
Ohio Agricultural Research and Development Center 068795
Ohio Agricultural Research and Development Center 069102
Ohio Agricultural Research and Development Center 069103
Ohio Agricultural Research and Development Center 069104
Ohio Agricultural Research and Development Center 069458
Ohio Agricultural Research and Development Center 069674
Ohio Agricultural Research and Development Center 069675
Ohio Agricultural Research and Development Center 069676
Ohio Agricultural Research and Development Center 069865
Ohio Agricultural Research and Development Center 070274
Ohio Agricultural Research and Development Center 070491
Ohio Agricultural Research and Development Center 071486
Ohio Agricultural Research and Development Center 071487
Ohio Agricultural Research and Development Center 071647
Ohio State University Cooperative Extension Service 062656
Ohio State University Cooperative Extension Service 062657
Ohio State University Cooperative Extension Service 062658
Ohio State University Cooperative Extension Service 062659
Ohio State University Cooperative Extension Service 062875
Ohio State University Cooperative Extension Service 062876
Ohio State University Cooperative Extension Service 062877
Ohio State University Cooperative Extension Service 062878
Ohio State University Cooperative Extension Service 062879
Ohio State University Cooperative Extension Service 067575
Ohio State University Cooperative Extension Service 072166
Oklahoma Agricultural Experiment Station 062734
Oklahoma Agricultural Experiment Station 062735
Oklahoma Agricultural Experiment Station 068818
Oklahoma Agricultural Experiment Station 070178
Oklahoma Agricultural Experiment Station 071857
Oklahoma State University Cooperative Extension Service 066367
Oklahoma State University Cooperative Extension Service 066512
Oklahoma State University Cooperative Extension Service 068798
Oklahoma State University Cooperative Extension Service 068799
Oklahoma State University Cooperative Extension Service 070180
Oklahoma State University Cooperative Extension Service 070367
Oregon Agricultural Experiment Station 062551
Oregon Agricultural Experiment Station 063989
Oregon Agricultural Experiment Station 065592
Oregon Agricultural Experiment Station 066121
Oregon Agricultural Experiment Station 066122
Oregon Agricultural Experiment Station 069866
Oregon Agricultural Experiment Station 070493
Oregon Agricultural Experiment Station 071648
Oregon Agricultural Experiment Station 072296
Oregon State University Cooperative Extension Service 066123
Pennsylvania Agricultural Experiment Station 062213
Pennsylvania Agricultural Experiment Station 062997
Pennsylvania Agricultural Experiment Station 062998
Pennsylvania Agricultural Experiment Station 063186
Pennsylvania Agricultural Experiment Station 064828
Pennsylvania Agricultural Experiment Station 069549
Pennsylvania Agricultural Experiment Station 070195
Pennsylvania Agricultural Experiment Station 070196
Pennsylvania Agricultural Experiment Station 070553
Pennsylvania Agricultural Experiment Station 070554
Pennsylvania Agricultural Experiment Station 072598
Society of Chemical Industry Microbiology Group 063130
Society of Chemical Industry Food Group 063130
Society of Chemical Industry Agriculture Group 064069
Society of Chemical Industry Agriculture Group 064746
Society of soil scientists and fertilizer technologist S Of taiwan 071711
South Carolina Agricultural Experiment Station 062567
South Carolina Agricultural Experiment Station 063176
South Carolina Agricultural Experiment Station 064123
South Carolina Agricultural Experiment Station 064824
South Carolina Agricultural Experiment Station 066042
South Carolina Agricultural Experiment Station 069142
South Dakota Agricultural Experiment Station 062211
South Dakota Agricultural Experiment Station 064203
South Dakota Agricultural Experiment Station 071662
South Dakota Agricultural Experiment Station 071663
South Dakota Agricultural Experiment Station 072595
South Dakota State University Cooperative Extension Service 070385
South Dakota State University Cooperative Extension Service 070386
Station federale de recherches agronomiques de Lausanne 062187
Svenska institutet for konserveringsforskning 063191
Taiwan Sheng Lin Yeh Shih Yen So 066078
Texas Agricultural Experiment Station 068843
Texas Agricultural Experiment Station 068844
Texas Agricultural Experiment Station 069557
Texas Agricultural Experiment Station 069558
Texas Agricultural Experiment Station 070207
Texas Agricultural Experiment Station 070403
Texas Agricultural Experiment Station 070404
Texas Agricultural Experiment Station 070405
Texas Forest Service 066383
U. S. Soil Conservation Service 072305
U.S. Agricultural Research Service Consumer and Food Economics Research Division 062827
U.S. Agricultural Research Service 063194
U.S. Agricultural Research Service 063195
U.S. Agricultural Research Service 063196
U.S. Agricultural Research Service 063197

U.S. Agricultural Research Service 063823
U.S. Agricultural Research Service 063824
U.S. Agricultural Research Service 063825
U.S. Agricultural Research Service 063826
U.S. Agricultural Research Service 063827
U.S. Agricultural Research Service 063828
U.S. Agricultural Research Service 063829
U.S. Agricultural Research Service 063830
U.S. Agricultural Research Service 063831
U.S. Agricultural Research Service 063832
U.S. Agricultural Research Service 063833
U.S. Agricultural Research Service 063834
U.S. Agricultural Research Service 063835
U.S. Agricultural Research Service 063836
U.S. Agricultural Research Service 063837
U.S. Agricultural Research Service 063838
U.S. Agricultural Research Service 063839
U.S. Agricultural Research Service 063840
U.S. Agricultural Research Service 063841
U.S. Agricultural Research Service 063842
U.S. Agricultural Research Service 063843
U.S. Agricultural Research Service 063844
U.S. Crop Reporting Board 062828
U.S. Dept. of Agriculture 062224
U.S. Dept. of Agriculture 062585
U.S. Dept. of Agriculture 062588
U.S. Dept. of Agriculture 062773
U.S. Dept. of Agriculture 062774
U.S. Dept. of Agriculture 062775
U.S. Dept. of Agriculture 062776
U.S. Dept. of Agriculture 062829
U.S. Dept. of Agriculture 062830
U.S. Dept. of Agriculture 062831
U.S. Dept. of Agriculture 063013
U.S. Dept. of Agriculture 063015
U.S. Dept. of Agriculture 063273
U.S. Dept. of Agriculture 063287
U.S. Dept. of Agriculture 064018
U.S. Dept. of Agriculture 064226
U.S. Dept. of Agriculture 064523
U.S. Dept. of Agriculture 065671
U.S. Dept. of Agriculture 066263
U.S. Dept. of Agriculture 066303
U.S. Dept. of Agriculture 066304
U.S. Dept. of Agriculture 069162
U.S. Dept. of Agriculture 070589
U.S. Dept. of Agriculture 070590
U.S. Dept. of Agriculture 070643
U.S. Dept. of Agriculture 071057
U.S. Dept. of Agriculture 072166
U.S. Dept. of Agriculture Statistical Reporting Service 062477
U.S. Dept. of Agriculture Economic Research Service 062586
U.S. Dept. of Agriculture Economic Research Service 062587
U.S. Dept. of Agriculture Statistical Reporting Service 062795
U.S. Dept. of Agriculture Statistical Reporting Service 062796
U.S. Dept. of Agriculture Statistical Reporting Service 068916
U.S. Dept. of Agriculture Economic Research Service 070209
U.S. Dept. of Agriculture Statistical Reporting Service 072482
U.S. Farmer Cooperative Service 062329
U.S. Farmer Cooperative Service 062330
U.S. Farmer Cooperative Service 062550
U.S. Farmer Cooperative Service 062589
U.S. Farmer Cooperative Service 062777
U.S. Farmer Cooperative Service 072607
U.S. Federal Extension Service 062453
U.S. Federal Extension Service 062590
U.S. Federal Extension Service 072367
U.S. Food and Nutrition Service 062885
U.S. Food and Nutrition Service 062886
U.S. Food and Nutrition Service 063235
U.S. Food and Nutrition Service 063236
U.S. Food and Nutrition Service 063237
U.S. Foreign Agricultural Service 062663
U.S. Foreign Agricultural Service 062664
U.S. Foreign Agricultural Service 062665
U.S. Foreign Agricultural Service 062666
U.S. Foreign Agricultural Service 062667
U.S. Foreign Agricultural Service 062668
U.S. Foreign Agricultural Service 062669
U.S. Foreign Agricultural Service 062670
U.S. Foreign Agricultural Service 062671
U.S. Foreign Agricultural Service 062672
U.S. Foreign Agricultural Service 062673
U.S. Foreign Agricultural Service 062674
U.S. Foreign Agricultural Service 062778
U.S. Foreign Agricultural Service 062816
U.S. Foreign Agricultural Service 062832
U.S. Foreign Agricultural Service 063085
U.S. Foreign Agricultural Service 063845
U.S. Forest Service 066085
U.S. Forest Service 066144
U.S. Forest Service 066302
U.S. Forest Service 066386
U.S. Forest Service 066387
U.S. Forest Service 066388
U.S. Forest Service 066389
U.S. Forest Service 066390
U.S. Forest Service 066547
U.S. Forest Service 066548
U.S. Forest Service 066549
U.S. Forest Service 066550
U.S. Forest Service 0665
U.S. Forest Service 0665
U.S. Forest Service 0665
U.S. Forest Service 0685
U.S. Forest Service 0685
U.S. Forest Service 0685
U.S. Forest Service 0705
U.S. Forest Service 0705
U.S. Forest Service 0715
U.S. Forest Service 0715
U.S. Forest Service 0722
U.S. Forest Service 0722
U.S. Forest Service 0723
U.S. North Central Forest Experiment Station 0665
U.S. Northeastern Forest Experiment Station 0663
U.S. Northeastern Forest Experiment Station 0665
U.S. Northeastern Forest Experiment Station 0665
U.S. Pacific Northwest Forest and Range Experiment Station 0663
U.S. Pacific Northwest Forest and Range Experiment Station 0663
U.S. Pacific Northwest Forest and Range Experiment Station 0665
U.S. Pacific Northwest Forest and Range Experiment Station 0705
U.S. Pacific Southwest Forest and Range Experiment Station 0663
U.S. Rocky Mountain Forest and Range Experiment Station 0661
U.S. Rocky Mountain Forest and Range Experiment Station 0663
U.S. Rocky Mountain Forest and Range Experiment Station 0663
U.S. Rocky Mountain Forest and Range Experiment Station 0663
U.S. Rocky Mountain Forest and Range Experiment Station 0678
U.S. Rocky Mountain Forest and Range Experiment Station 0685
U.S. Rocky Mountain Forest and Range Experiment Station 0688
U.S. Rocky Mountain Forest and Range Experiment Station 0705
U.S. Rocky Mountain Forest and Range Experiment Station 0705
U.S. Southeastern Forest Experiment Station 0663
United Nations 0664
Utah Agricultural Experiment Station 0622
Utah Agricultural Experiment Station 0651
Virginia Polytechnic Institute and State University Cooperative Extension Service 0630
Washington (state) Agricultural Experiment Station 0623
Washington State University Cooperative Extension Service 0658
Washington State University Cooperative Extension Service 0688
Washington State University Cooperative Extension Service 0702
Washington State University Cooperative Extension Service 0703
Washington State University Cooperative Extension Service 0705
West Virginia Agricultural Experiment Station 0626
West Virginia Agricultural Experiment Station 0627
West Virginia Agricultural Experiment Station 0663
West Virginia Agricultural Experiment Station 0664
West Virginia Agricultural Experiment Station 0665
West Virginia Agricultural Experiment Station 0691
West Virginia Agricultural Experiment Station 0715
West Virginia Agricultural Experiment Station 0719
West Virginia University Cooperative Extension Service 0632
West Virginia University Cooperative Extension Service 0691
West Virginia University Cooperative Extension Service 0691
West Virginia University Cooperative Extension Service 0691
West Virginia University Cooperative Extension Service 0691
West Virginia University Cooperative Extension Service 0702
West Virginia University Cooperative Extension Service 0702
Winthrop College School of Home Economics 0625
Winthrop College School of Home Economics 0648
Wisconsin University Agricultural Extension Service 0623
Wisconsin University Agricultural Extension Service 0686
Wisconsin University Agricultural Extension Service 0686
Wisconsin University Agricultural Extension Service 0686
Wisconsin University Agricultural Extension Service 0686
Wisconsin University Agricultural Extension Service 0686
Wisconsin University Agricultural Extension Service 0692
Wisconsin University Agricultural Extension Service 0697
Wisconsin University Agricultural Extension Service 0697
Wisconsin University Agricultural Extension Service 0697
Wisconsin University Agricultural Extension Service 0697
Wisconsin University Agricultural Extension Service 0697
Wisconsin University Agricultural Extension Service 0697
Wisconsin University Agricultural Extension Service 0699
Wisconsin University Agricultural Extension Service 0705
Wisconsin University College of Agricultural and Life Sciences Research Division 0624
Wisconsin University College of Agricultural and Life Sciences Research Division 0624

PERSONAL AUTHOR INDEX

Aagaard, K 071259
Aagaard, K 071260
Aamisepp, A 070210
Aarhus, D G 070562
Aasen, A J 063713
Ab'edkau, H A 065685
Abad Gavin, M 066057
Abad Gavin, M 068198
Abadjieva, R 071372
Abas, S 068432
Abasa, R O 070261
Abasova, M I 065812
Abawi, M Y 062920
Abbasov, B 064531
Abbasov, B 065151
Abbasov, G S 068067
Abbey, F K 062632
Abbring, F T 062512
Abbring, F T 072054
Abdalla, M M F 067129
Abdallah, M 070691
Abdel-Gawad, H A 068366
Abdel-Hameed, F 070913
Abdinbekova, A A 071100
Abdinbekova, A A 071107
Abdul Waheed, 069828
Abdul-Baki, A A 067964
Abdul-Baki, A A 068245
Abdullaev, M 071689
Abdullaeva, T M 067589
Abdullah, M 062737
Abdullin, V A 062593
Abdushelishvili, M A 069143
Abe, J 068690
Abe, T 066209
Abe, T 070142
Abel, M E 062765
Abeleva, E A 071383
Aberg, E 070213
Aberle, E D 063627
Aberth, J 068989
Abicht, M 066635
Abou-Hussein, E R M 064410
Abraham, J M 062682
Abraham, P D 062555
Abraham, P D 069214
Abraham, P D 069222
Abram, R 062472
Abramishvili, V P 069143
Abramov, V A 065343
Abramovich, R IA 067992
Abreu, I 067022
Abrol, Y P 072094
Absalom, S H 072213
Absher, C 064648
Abubakirov, N K 067500
Abubakirov, N K 067511
Abubakirov, N K 067521
Abubakirov, N K 067528
Abubakorov, N K 067524
Abuhab, T G 064488
Achart, J 071649
Achavasmit, P 069253
Achermann, X 062247
Acheson, A W 071421
Achterberg, W 066377
Acker, W 064095
Ackerman, W L 067074
Ackerman, W L 067075
Acland, H M 065416
Acton, J C 063680
Aczel, A 063241
Adachi, M 068923
Adam, A V 070728
Adam, M 071427
Adamec, O 064401
Adamec, O 064402
Adamov, I I 069064
Adams, E C G 071031
Adams, M 065925
Adams, M J 069581
Adams, M S 067560
Adams, R E 069183
Adams, S N 067878
Adams, W J 066166
Adamson, R H 066048
Adamson, R H 070734
Adamus, M 072240
Addicott, F T 067905
Addis, P B 064479
Adedipe, N O 068389
Adeeb, N N 064725
Adhikari, H R 063390
Adigezalov, I I 070205
Adigezalov, I I 072317
Adolphe, M 064337
Adolphe, M 067470
Adzhian, N S 068469
Aebi, B 066759
Aehnelt, E 065113
Aerts, J 069632
Aerts, J V 065079
Aeschbacher, H U 064372
Afanas'eu, M I 071945
Afanas'ev, B N 065768
Afanas'eva, T P 067838
Afanas'eva, V P 067843
Afaq, S H 067614
Agakishiev, D 068000
Agarwal, S K D 063854
Agarwala, R K 069526
Agde, K 064767
Ageev, M B 063780
Aggarwal, M L 063512
Aggarwal, V D 070346
Agrawal, M C 072279
Agudelo D, O 068912
Ah, H S 070618
Ah, H S 071200
Aharoni, Y 069486
Ahlrichs, L E 067921
Ahlstrom, A 063271
Ahlswede, V 064680
Ahmad, B 067283
Ahmad, B 067284
Ahmad, B 070355
Ahmad, F U 070304
Ahmad, K N 064405
Ahmad, K N 065004
Ahmad, M 070147
Ahmad, M 070374
Ahmad, M 070993
Ahmad, M D 064405
Ahmad, M D 065004
Ahmad, M ud D 065005
Ahmad, M ud D 065006
Ahmad, N 062937
Ahmad, S 069245
Ahmad, S 069602
Ahmad, S N 072109
Ahmad, S T 069370
Ahmad, V U 067746
Ahmad, Z 065005
Ahmadi, N 068460
Ahmed, A A 070992
Ahmed, F A 062894
Ahmed, M 070371
Ahmed, Z 069602
Ahmedullah, M 062617
Ahrens, H 064436
Ahrens, R W 069229
Aiken, C S 063733
Aitova, I D 064750
Aitzetmuller, K 063342
Aivazian, M G 064006
Aizenman, B IU 067699
Ajisaka, M 067656
Ajisaka, M 067657
Ajisaka, M 067658
Ajisaka, M 067659
Ajnbinder, S B 066473
Akahori, M 063081
Akasi, T 068550
Akerberg, E 068838
Akerberg, E 069151
Akesson, C 063619
Akesson, C 063762
Akeyama, N 070675
Akhmed-Zade, F A 066685
Akhmed-Zade, F A 066689
Akhmed-Zade, F A 066848
Akhmedov, A G 065761
Akhmedov, A P 071883
Akhmedov, R M 071107
Akhmeteli, M A 066006
Akhmetov, K A 064886
Akhnedov, R M 071100
Akhundov, A G 065783
Akhundov, G F 069059
Akif'ev, A P 067383
Akimov, IU A 068585
Akingbohungbe, A E 071355
Akita, S 067943
Akita, S 067965
Akiyama, T 067955
Akkel, R 071987
Akram, M 068574
Akram, M 070147
Aksenova, V A 068282
Aksenova, V A 069249
Akulov, A V 065483
Akutsu, M 063735
Al-Shabibi, M 063518
Al-Shabibi, M M A 063611
Al'-Audat, M 067004
Al'smik, P I 067241
Aladyev, V 067072
Alam, M 063750
Alam, M M 070323
Alanko, M 065951
Alasoadura, S O 069529
Alauzet, C 070558
Alauzet, C 071051
Alauzet, C 071053
Alba, G de 067886
Albergaria, M S 068679
Albersheim, P 069500
Alberti, C D 065291
Albrecht, F O 070756
Albrecht, H 062301
Albrechtsen, R S 068656
Albregts, E E 069483
Albritton, R C 068767
Alcorn, S M 069475
Alcorn, S M 069872
Aldoshina, T V 070157
Aldrich, H C 066989
Aldrich, R C 062248
Aldrich, R C 066099
Aleinikov, IU P 064459
Aleinikova, T V 064459
Alekhin, R M 065773
Aleksandrov, B K 072413
Aleksandrov, N P 062926
Aleksandrowska, I 065564
Alekseev, M I 063441
Alekseev, M I 064092
Alekseeva, L I 067996
Alekseeva, N S 071880
Alekseeva, V IA 068221
Alekseevich, L A 071058
Aleksiev, A I 065188
Alent'ev, P N 066353
Alers-Alers, S 068801
Alexander, A F 069485
Alexander, A G 068085
Alexander, C P 071138
Alexander, D P 065019
Alexandrescu, S 070256
Alexandrescu, S 070461
Alexandrov, M 065750
Alexandru, A 068493
Alfieri, F J 066939
Alfoldy, I 064403
Ali-khan, S T 068300
Ali-Zade, T A 067521
Ali-Zade, V M 067995
Ali, C S 064407
Ali, M 064407
Ali, M A 063634
Ali, M A 072304
Ali, M H 069828
Aliakseeu, M P 064890
Alichkin, S L 065337
Aliev, A A 064449
Aliev, A A 064748
Aliev, N A 065761
Aliev, N IA 065159
Aliev, N IA 065341
Alieva, M M 071720
Aligianis, D 063899
Alipiev, A 062362
Alipov, V V 064145
Aljibury, F 072361
Alksandrov, N A 063207
Allam, A M 067633
Allam, S M 064410
Allard, R W 067289
Allard, R W 067668
Allaway, W H 067546
Allaway, W H 071767
Allemand, M 072259
Allen, A A 071174
Allen, C 071789
Allen, D C 070531
Allen, M C 064979
Allen, M G 069973
Allen, M G 069990
Allen, M J 072534
Allen, P J 067459
Allen, P J 069260
Allen, R J 062955
Allen, R K 071158
Allen, R W 065582
Allen, W E 065021
Allen, W W 069766
Allenstein, L C 065251
Alles, R 063909
Alley, E G 070258
Allgood, J G 066262
Allison, M J 067153
Allott, D J 070050
Alloway, W H 064045
Allshouse, G W 071519
Allsopp, R 070661
Alm, K 070375
Almasan, N 072207
Almazan, O 063809
Alpat'ev, A V 067249
Alphen-van Waveren, O van 068268
Als, G 063350
Altaif, K I 065544
Altera, K P 065522
Altukhov, M D 070174
Alvarez, J B 072579
Alzeman, B I U 069839
Amadieu, J 068995
Amandykov, A A 068857
Amanov, K 065991
Amar, L 068442
Ambasht, R S 067642
Amberger, A 072062
Amemiya, S 066564
Amer, M A 064654
Amer, M A 064655
Amer, M A 064656
Ames, I H 067482
Ames, J W 062955
Amici, A 069629
Amin, A 063776
Amin, A 063988
Amini, H 064947
Amir, S M 068090
Amiraslanov, I A 068067
Ammer, U 072527
Ammerman, G R 063935
Ampilogov, N E 072152
Amponsah, J D 069560
Amrhein, N 067710
Amundson, C H 063524
Anand, M 070342
Anand, S C 068727
Anandaradzha, K 068336
Ananthakrishnan, T N 071287
Ananthakrishnan, T N 071288
Anazawa, T 066450
Anazawa, T 066454
Ancheta, Co 069113
Andel, O M van 068055
Anders, A 065581
Andersen, A J 068032
Andersen, A K 063488
Andersen, C 071789
Andersen, G B 062425

Andersen, I L 072044
Andersen, L D 063639
Andersen, N M 070833
Andersen, R 068111
Anderson, B 064192
Anderson, D 062724
Anderson, D B 064481
Anderson, D L 062697
Anderson, I B 068930
Anderson, J D 067964
Anderson, J M 068770
Anderson, R A 063319
Anderson, R A 064317
Anderson, R A 064318
Anderson, R 064808
Anderson, R R 071859
Anderson, S J 070609
Anderson, T 062200
Andersson, A 070169
Andersson, A 070210
Andersson, N 072495
Andersson, U 063192
Andersson, Y 063762
Andrade Lima, J O A de 064830
Andrade, S O 066043
Andrault, J P 062199
Andrault, J P 062741
Andreae, B 062608
Andreae, U 064224
Andreev, A 062470
Andreev, N G 068713
Andreeva, I N 067045
Andreeva, I N 067845
Andreeva, R A 068403
Andreeva, T F 068169
Andreeva, T F 068486
Andreeva, Z A 065792
Andreiashkina, N I 066840
Andrews, D 064234
Andrews, D J 068180
Andrews, J R H 065589
Andrianova, N S 070547
Andringa, J T 071608
Andriunin, IU I 065804
Andriushchenko, D P 068384
Andrychiewicz, J 065566
Andrzejczyk, A 066538
Andrzejewski, R 071489
Aneshansley, D 068407
Angelov, A 071673
Angelov, A S 064912
Angelov, I 065191
Angelova, L 064109
Angelova, Z V 064969
Anger, H 072533
Angersbach, H 063582
Angiboust, A 069135
Anichin, L 062333
Anier, H 070212
Anikeev, IU V 063793
Anikeev, IU V 063798
Anikeev, IU V 063799
Anikst, D M 067882
Anisimov, A I 070869
Anisimova, K I 068473
Ankersmit, G W 070268
Ankrah, E K 063395
Annaliev, S 066750
Annenkova, Z M 067318
Annila, E 070860
Anokhin, V M 069658
Anokhin, V M 069661
Ansari, H J 070243
Ansari, M A 070598
Ansari, R 068088
Ansari, R 068422
Ansay, M 064296
Antal, J 068897
Antal, J 072236
Antanyniene, A 066828
Anthony, D W 070610
Anthony, H D 066049
Antipov, I K 071840
Anton, D 068492
Antoni, H J 067980
Antoni, M 072446
Antonisse, H W 065666
Antonova, L A 066905
Antonova, V 063357
Antonova, V 065190
Antonovich, E A 070742
Antoszewski, R 068285
Anufrieva, V N 070627
Anwar, M 067978
Anwarullah, M 070639
Anya, A O 070825
Aoba, T 068400
Aomine, S 070199
Aomine, S 071909
Apasheva, L M 067801
Apasheva, L M 067803
Apatov, V S 071981
Apeltauer, M 062397
Apinis, A E 069438
Apinis, A E 069439
Apinis, A E 069440
Apolinarski, A 065177
Appel, R 063128
Apple, I W 069744
Appledorf, H 063252
Apte, R 068123
Aragaki, M 069489
Arai, B 062904
Arai, Y 071047
Arakawa, A 065385
Arakawa, K 065939
Arakelian, A A 071918
Arambulo, P V 065601
Arana C, H 063898
Arantes, I G 065429
Arata, H 068686
Aratangy, L R 064570
Arbeiter, K 065174
Arbeiter, K 065355
Arbesser, E 066004
Arbrandt, B 064844
Arbuckle, W S 063222
Archer, R R 068580
Archer, S A 069259
Archibald, P L 066187
Ardans, A A 065514
Ardoin, P 071322
Areekul, P 070259
Aren, I 064691
Arens, D 064034
Areshchenko, V D 066240
Argento-Ceru, M P 064357
Argento-Ceru, M P 064358
Argow, K A 072539
Argus, K IA 067723
Arias, H F 072520
Arias, J 067341
Arif, M D 067978
Aristarkhov, A N 072129
Arkcoll, D B 063760
Arkhipova, L I 067520
Arkhypovets', O I 065169
Armaleo, D 067307
Armitage, P 070802
Armstrong, D G 064619
Armstrong, F A J 072500
Armstrong, K C 067093
Arnaudon, P 068945
Arnemo, B 068839
Arnett, J D 068640
Arney, J D 066273
Arnold, J 063491
Arnold, J D 068796
Arnold, J L 064849
Arnold, J T A 070854
Arnold, R G 063387
Arnold, Z 070806
Arnott, J T 066321
Arnott, J T 072202
Arnould, R 064905
Arny, D C 069229
Arod', E S 062376
Arola, R A 066554
Aromasik, A 062604
Arora, G 070989
Arora, J S 068394
Arora, O P 067275
Aroshevich, I E 065337
Arrieta, A P 070286
Ars'onov, O T 065166
Arshanskaia, M Sh 067159
Arthur, A E 067167
Arthur, A E 067168
Arthur, A E 067599
Arthur, D 064045
Arthur, J C 063826
Arthur, J C 063837
Arthur, L O 069587
Artiukhina, I N 070959
Artiushin, A M 062538
Artsem'eva, A E 068197
Arutiunian, T G 064333
Arzu, A 063706
Asada, K 068352
Asahina, S 071345
Asahina, S 071347
Asakuma, S 068842
Asano, S 066667
Asare-Nyako, A 069560
Asaturain, R A 068469
Asaturian, R A 068470
Ascher, K R S 070244
Aseeva, I V 070174
Asen, S 068244
Ash, D J 063299
Ashawa, A Y 069191
Ashburner, M 071071
Ashby, B H 062702
Ashepa, M B 065765
Ashikawa, K 069077
Ashkar, T 065882
Ashkar, T S 065880
Ashmore, C R 064370
Ashmore, C R 064412
Ashmore, C R 064479
Ashmore, C R 065933
Ashraf, M 067978
Ashrafi, S H 070663
Ashry, M A 069764
Asizawa, H 065578
Askaa, G 065524
Askar, A 068359
Askerova, R K 066686
Askerova, R K 066690
Askerova, R K 066984
Askew, R R 071198
Askochenskii, A N 072410
Asperger, H 063542
Aspock, H 071232
Aspock, U 071232
Assche, C V 069332
Assche, C V 069333
Assche, C V 069338
Assche, C V 069342
Assche, C V 069634
Assche, C V 071786
Asselmeyer, F 063313
Asturias, A 062684
Aswathaiah, B 068984
Atabekov, I G 069666
Atachkin, Zh A 065797
Atalaia, V 065709
Atallah, Y H 070411
Atanas, L G 067988
Atanas, L G 068029
Atanas, L G 072068
Atger, P 070328
Atkins, R E 067113
Atkinson, A 064745
Atkinson, D 067729
Atkinson, D 072113
Atkinson, I A E 066115
Atkinson, J M 070572
Atkinson, P W 070885
Atramentova, L A 068343
Atrashkova, N A 072239
Attia, F M 064729
Attia, F M 064730
Attia, M F 069417
Attia, M S 069602
Atwood, P J 070017
Atyeo, W T 070618
Atyeo, W T 071200
Au, T Y 067537
Aubakirov, K 068858
Aubert, J F 071340
Auchter, R J 066412
Auckland, J N 064236
Audette, R C S 067423
Audisio, N S 065630
Audova, M 066432
Augustine, J J 068248
Aujla, S S 063113
Aulakh, H S 068727
Aulakh, K S 069351
Aulenbach, B B 069052
Aulerich, R J 062966
Aumaitre, A 063442
Aumaitre, A 064976
Aunan, W J 063031
Aunan, W J 063170
Aurousseau, B 064294
Aurstad, K 064036
Austenson, H M 067931
Austin, D J 063713
Austin, R B 068290
Austin, S 067667
Autov, R R 062592
Autuori, F 064357
Autuori, F 064358
Avakian, TS M 068469
Avakian, TS M 068470
Avakiants, S P 064021
Avanesov, R A 065812
Avazkhodiazhev, M K 069404
Avazkhodzhaev, M Kh 069551
Avdeenko, A P 072465
Avdeev, N E 071698
Avdeeva, T A 067997
Avens, J S 063030
Averin, V S 062457
Avholm, K 070213
Avitabile, A 071373
Avizohar-Hershenson, Z 069504
Avramenko, I D 070544
Avramenko, P S 064492
Avramov, L 069193
Awad, A H 063185
Awad, A H 063654
Awad, A H 063656
Awan, M Y 072168
Awasthi, O P 072082
Awasthi, V B 071090
Awasthi, V B 071096
Axelsson, B 070834
Ayabakan, S 064936
Ayala C, Y 064587
Ayalon, N 065016
Ayalon, N 065289
Ayano, Y 063722
Ayer, H 062200
Ayonoadu, U 068014
Ayres, Kw 071762
Ayres, P G 069261
Ayres, R J 070062
Azad, I 072112
Azegami, T 062325
Aziz, P 067019
Azizov, T B 072318
Azizov, T B 072464
Azizvekova, Z S 067973
Azuma, R 065536
Azuma, Y 070142
Baader, W 071575
Babaev, N B 069059
Babaev, S A 069911
Babala, J 063255
Babareka, IA Z 067866
Babbar, O P 065509
Babenko, N 072234
Babenko, N V 072130
Babenko, V I 068072
Babin, E P 070162
Babul', A A 068196
Babych, A K 069591
Bachanska, R 062605
Bachinger, 063152
Bachli, G 071334
Bachmann, K 064056
Backhaus, D 066619
Bacon, A L 062224
Bacon, A L 062830
Bacon, L 062215
Bacou, F 064291
Bacvanski, S 064744
Badaev, F A 065763
Badanova, K A 068035
Badeau, R R 068459
Badenhop, A F 063758
Badlueva, N B 071844
Badstue, P B 065461
Baeder, A 065926
Baehr, J C 070917
Baer, H 067483
Baer, J 067564
Bag Raj, T R 066657
Baggiolini, M 069898
Baggot, J D 064300
Baginski, M 064076
Bagirov, V Yu 067509
Bagli, J F 070709
Bagrov, M N 072411
Bahga, H S 064998
Bahr, G F 070803
Bahrecke, G 064076
Bahrmann, R 071098
Baibulsinov, K M 064886
Baiburiev, M 065681
Baichev, I 063667
Baicu, T 069384
Baicu, T 069385
Baicu, T 070461
Baidaliev, A B 065681
Baidukova, N F 062454
Baier, W 062160
Baier, W 065292
Baig, M M H 070276
Baig, M M H 070373
Baigulova, G K 069409
Baikov, B 065273
Baile, C A 064360
Bailer, J 065532
Bailey, A 067032
Bailey, A J 064313
Bailey, C B 064660
Bailey, C B 065916
Bailey, J W 065246
Bailey, L D 071749
Bailey, M E 064731
Bailey, R W 067596
Bailey, W J 071087
Baillod, M 069897
Bailly, J R 071864
Bailly, R 062866
Bailly, R 070686
Bains, S S 062308
Baird, J V 072154
Baird, J V 072155
Baisheva, Kh Sh 067507
Baitulin, I O 066919
Bajeva, V G 071369
Bajo, M 064920
Bakalivanov, S 063687
Bakay, I 066436
Baker, A J 064738
Baker, C 070053
Baker, D S 062243
Baker, E C 063755
Baker, F S 065922
Baker, G J 063770
Baker, H G 066705
Baker, H G 066849
Baker, H N 064421
Baker, J E 070781
Baker, J M 069780
Baker, J M 070528
Baker, K A 063956
Baker, Kh Kh 067837
Baker, L 062959
Baker, L R 068248
Baker, R D 064353
Baker, R D 064963
Baker, R H 070912
Bakhtar, D 071857
Bakhtin, D P 065795
Bakhtin, D P 065987
Bakhutashvili, O I 065993
Bakke, A 070860
Bakke, A 071280
Bakker-Arkema, F W 063293
Bakowski, G 070497
Bakulov, I A 065787
Bakuniak, E 063175
Bakuniak, E 065571
Bakuniak, E 070290
Bakuniak, E 070484
Balabushevich, M I 070961
Balabushevych, M I 070631
Balaganskaia, V E 072065
Balakrishna Rao, M J 067270
Balan, A H 072225
Balasa, M 068493
Balasubramanian, K A 069353
Balasubramanian, K A 069382
Balasubramanian, K A 069538
Balasubramanian, K A 072174
Balat, F 065688
Balatkova, V 068283
Balaz, J 063079
Balaz, J 063596
Balaz, J 064683
Balazs, E 069671
Balba, M H 070691
Balch, C C 063515
Baldissera Nordio, C 064486
Baldridge, D E 068817
Baldry, D A T 070659
Baldry, D A T 070660
Baldry, D A T 070661
Baldry, D A T 070662
Baldwin, J H 070011
Baldwin, J H 070066
Baldwin, M K 070722
Baldwin, R E 063392
Balea, A 069388
Balediata, E 065599
Baliabo, N K 072070
Balika, S 064602
Balint, A 067173
Balk, W A 064824
Balk, W A 066042
Ball, A P 069962
Ball, A P 069964
Ball, J B 066082
Ballard, F J 064386
Ballard, J 069002
Ballarini, G 065453
Ballarini, G 065635
Ballarini, G 066040
Ballarini, G 066041
Ballester, D 063226
Ballester, D 064628
Baloch, A K 063964
Balsan, J 068878
Baltaev, Kh 066919
Baltybekov, S O 065990
Baluk, A 069848
Bambalov, N N 071941
Bamber, C M 068973
Bamdad, D 072100
Ban'kovskii, A I 067493
Ban'kovskii, A I 067514
Ban'kovskii, A I 067515

Ban'kovskii, A I 067812
Banados, L L 069679
Banados, L L 070277
Banasik, O J 063708
Banasik, O J 063775
Banasik, O J 068775
Banaszak, J 071308
Bander, V A 066346
Bandiera, M 067307
Banditsing, C 070582
Bandiukova, V A 067819
Bandyopadhyay, S B 063369
Bandyukova, V A 067494
Bandyukova, V A 067495
Bandyukova, V A 067512
Banerjee, A K 065027
Banerjee, K N 065504
Banerjee, K N 065506
Banerjee, K N 065508
Banerjee, T P 065508
Banerji, J 067612
Banerji, M L 066662
Bangash, N A 072111
Banihashemi, Z 069256
Banihashemi, Z 069537
Banks, W B 066503
Bannister, G L 065445
Bannister, T T 067444
Bannister, T T 068264
Bannov, A T 065765
Banthia, K M 063370
Banwell, M G 070007
Banyai, L 067062
Bapaev, B 062455
Bapna, C S 068731
Baptista da Silva, J 067981
Baqai, S 068089
Bar-Kochba, Y 072475
Bar-Zeev, M 070614
Barabas, Z 067178
Barabash, N D 068527
Baraboshkina, I N 062518
Baraboshkina, I N 072063
Baran, L 068008
Baran, L 068009
Baran, L 072041
Baran, L 072042
Baranauskiene, A 066828
Baranchuk, J 066039
Baranov, A I 066497
Baranov, N F 062520
Baranova, M V 066742
Baranovskaia, V A 067247
Baranovskii, P M 072072
Baranowski, J 062745
Baranowski, J 064191
Baranowski, J 071651
Baranowski, S 064508
Baranowski, S 064845
Baranowski, T 069443
Baranyay, J A 069273
Baranyay, J A 070107
Barashkova, E A 067987
Barbalis, P 072142
Barbati, C 063464
Barbeau, G 068465
Barbee, D G 067624
Barber, A 069138
Barber, S 063048
Barbin, D 068325
Barclay, A 064314
Barclay, G M 069235
Barclay, G M 071990
Bard, S R 067155
Bardner, R 070322
Bardy, A 067879
Barette, G L 063086
Barette, G L 063919
Bareyre, M J 066929
Barfield, B J 072432
Barger, I A 064307
Barger, I A 065419
Barghoorn, A W 066080
Baril, A 063827
Barinov, P A 064146
Bariska, M 067059
Barkalova, A A 069663
Barker, A V 068369
Barker, H 069651
Barker, R J 071381
Barket, E 062788
Barket, E 063849
Barkhudarian, V A 065873
Barkovskii, V I 065811
Barlow, F 070607
Barlow, F D 062671
Barlow, J N 070055
Barlow, R 065000
Barma, B 068288
Barna, J 063981
Barna, J 063982
Barnard, R O 071869
Barnecki, W 065272
Barnecki, W 065359
Barnecki, W 065366
Barnecki, W 065367
Barnes, J R 071194
Barnetas, P K 068001
Barnett, H L 067702
Barnishkis, E K 068566
Barnum, D A 065439
Barnum, D A 065443
Barooah, S R 072036
Barov, V 071417
Barragry, T B 065256
Barreiros, H de S 066793
Barrett, E R 067681
Barrett, J N 067649
Barrett, P E 066620
Barrett, P R F 070100
Barrett, W B 071953
Barrick, W E 068225
Barritt, B H 069004
Barros Puertas, A 065409
Barroso, M A T 063937
Barry, S C 062722
Barta, O 064277
Barta, V 064277
Bartelink, A K M 070886
Barth, K M 064737
Bartholomew, G A 070907
Bartik, M 064535
Bartkov, B I 068005
Bartkowska, K 071302
Bartnik, J 063275
Bartnik, J 063578
Barton, B G R 062241
Barton, D H R 067539
Barton, I L 066116
Barton, M D 065416
Barton, R E 062942
Bartos, A 062508
Bartos, A 071556
Bartram, J 069031
Bartram, J 069032
Bartram, J 069035
Bartsch, M 065129
Barua, A K 067608
Barylko-Pikielna, N 063250
Basak, A 067608
Basanets, V M 065675
Baset, Q A 068120
Basha, A 067746
Basham, J T 069274
Bashkatov, G A 065768
Basilewsky, P 071327
Baskerville, A 065519
Basler, A 066636
Basrur, P K 064941
Bass, L 063676
Bassett, M J 068372
Bassett, R A 067792
Bassler, R 064073
Bassler, R 064074
Basteleus, B R 069126
Basteleus, R 069128
Basteleus, R 069134
Bastidas R, G 068912
Bastos Cruz, B P 069547
Basu, B K 065505
Basu, B K 065507
Basu, R J S 063112
Bat'kaev, R IA 071690
Bates, D W 071460
Bates, D W 072554
Bates, J A R 070678
Bates, R C 065511
Bates, W R 062482
Batey, T 072106
Bathgate, G N 063719
Batiste, W C 070465
Batra, B B 062578
Batra, B B 072456
Batsanov, N S 067239
Batyr, R A 068384
Baudis, Kh 068760
Baudisch, W 070757
Bauer, D H 068273
Bauer, F 065235
Bauer, H 062789
Bauer, H J 065126
Bauer, L 067600
Bauerle, W L 068417
Bauerle, W L 068418
Bauerle, W L 068419
Bauerle, W L 068420
Bauerle, W L 068573
Bauerle, W L 069675
Bauerle, W L 069865
Baulkwill, W J 062298
Baulov, M 064980
Baumann, T W 067776
Baumann, W E 068798
Baumert, H G 064365
Baumgartner, E 063027
Baumgartner, R 064988
Baumgartner, W 065879
Baunack, H 062346
Baur, J R 068105
Bavel, C H M van 068314
Baxa, F 068878
Baxa, H 064983
Baxter, L W 069518
Baxter, M 065587
Baxter, R M 067594
Bayer, E 063980
Baynes, R A 067094
Bayuray, S J 069213
Bazaras, A L 065815
Bazilevich, S D 071815
Bazzaz, F A 067743
Bazzaz, F A 071854
Beagle, L D 066392
Beale, S I 068262
Beals, E W 067643
Beamer, P D 065446
Bean, J E 066993
Beattie, J M 062197
Beatty, J O 065938
Beatty, R A 065028
Beauchamp, E G 067923
Beauchamp, E G 071749
Beaufait, W R 066104
Bebiakin, V M 067224
Beceresku, D 066715
Becher, H 068670
Bechyne, J 071341
Beck, E 068354
Becker, B 070919
Becker, E C 071294
Becker, H 069194
Becker, H G 067979
Becker, H G 069783
Becker, H G 069784
Becker, T 069754
Becker, U 066286
Beckett, A 067011
Beckmann, R 062714
Beckwith, R C 070560
Becla, E 070664
Becla, E 071077
Beczner, L 069670
Bedford, E C G 070430
Bedirian, K N 064353
Bedirian, K N 064963
Bednarek, J 069673
Bednarek, J 069723
Bednarz, S 071283
Beech, F W 063931
Beer, K H 072032
Beernaert, H 063117
Beernaert, H 063950
Beg, A 072581
Begaliev, G B 068860
Begazo, J C E O 062500
Begnescu, R 065957
Beguchev, P P 072273
Begum, F 068086
Behera, B 071800
Behnke, J R 063628
Behre, D 072558
Behrendt, S 069986
Beier, D 065581
Beier, M 071139
Beiger, M 070281
Beiger, M 071305
Beilharz, R G 064566
Beinare, A 072142
Beintema, J J 064366
Bejer-Petersen, B 070860
Bel'kovich, T M 067579
Bel'tiukova, K H 069590
Bel'tiukova, K H 069591
Bel'tivkova, K H 069589
Belanger, G 063566
Belanger, L F 064342
Belchev, D 065702
Belderok, B L T 063298
Belevska, R K 065190
Beliaev, A N 072380
Beliaev, D K 064985
Beliakov, A I 065765
Beliakov, A I 065813
Belik, V F 067251
Belins'kyi, O O 062602
Belkina, N N 063670
Bell, A E 070862
Bell, A E 070863
Bell, A E 070974
Bell, A R 070110
Bell, C 062256
Bell, C 072515
Bell, J N B 066719
Bell, L N 068344
Bell, M C 065611
Bell, R 071386
Bell, R G 072015
Bell, T A 063123
Bell, T A 063124
Bell, W D 067330
Bell, W D 068438
Belli, G 069629
Belliard, J 066658
Belokon', E M 071056
Belous, V I 066365
Belozerskii, A N 067838
Belozerskii, M A 067896
Belter, H 062960
Beltkov, T F 068005
Belyaeva, E S 071042
Belzile, L 067930
Belzile, R 064803
BeMiller, J N 069517
Ben-Asher, J 068250
Ben-et, G 063961
Benatti, R 063606
Benchev, I 068509
Bendall, J R 063631
Bender, F 068890
Bendtsen, B A 066549
Benedek, L 063404
Benedict, C R 067768
Benedito de Barber, C 063048
Benes, K 067915
Benetiere, J J 062556
Beng, S Y 063422
Bengelsdorff, H J 065434
Bengelsdorff, H J 065435
Bengelsdorff, H J 065895
Beninate, J V 063839
Beninate, J V 063841
Benirschke, K 064446
Benjamin, R 069139
Benk, E 063928
Benkov, B 072228
Benkov, M 064914
Bennett, F A 064511
Bennett, F A 064512
Bennett, J 070913
Bennett, M D 067121
Bennett, M E 063627
Bennett, R W 063054
Benoit, F 063011
Benoit, F 069161
Benoit, G F 062864
Benoit, G R 072422
Benortham, R W 068370
Benson, J L 066299
Benson, W W 071166
Bentele, B 065902
Benthe, H F 070673
Benz, L C 072431
Beran, V 068826
Berbec, E 069847
Berbec, E 069851
Berberet, R C 070368
Berberich, R S 062777
Berck, B 072564
Berdel, R I 071381
Berducou, C 068177
Berducou, J 067857
Berducou, J 068177
Beremski, S 065194
Berendes, H D 070799
Berenshtein, F IA 064492
Berestets'kyi, D O 067697
Berezovs'kyi, M D 065105
Berezovskaia, T P 067814
Berg, L van den 063876
Berg, R D 072417
Berg, R van der 064879
Berg, R van der 066047
Bergan, F 067181
Berge, B A 062760
Berge, H 069811
Berge, H 072531
Berge, J B 069808
Bergen, W G 064299
Bergendahl, P O 069156
Berger, M E 062258
Berger, R D 069484
Berger, S 063427
Bergfeld, J 065122
Bergfeld, J 065123
Berglund, S 064129
Bergman, E L 062213
Bergman, M M 065936
Bergmann, V 063632
Bergmann, V 065278
Bergner, H 064631
Bergner, H 064637
Bergner, H 064639
Bergner, H 064677
Bergner, H 064785
Bergstrom, J W 062998
Bernal, G 063778
Bernal, J 068692
Bernard, C S 064935
Bernard, V V 067003
Bernardi, N 071332
Bernatskaia, M L 068333
Bernatskaia, M L 068341
Bernatskaia, M L 069789
Bernays, E A 070282
Bernays, E A 071003
Berndt, K P 070569
Berndt, W L 070385
Berndt, W L 070386
Bernhardt, D 065434
Bernhardt, D 065895
Berni, R J 063839
Bernier, B 070533
Bernier, R 072004
Bernon, D E 064121
Berquist, R R 067315
Berra, R 063366
Berrie, A M M 068436
Berry, B W 063662
Berry, B W 063664
Berry, C R 062622
Berry, S Z 069103
Berryman, C 072106
Bers, E P 067718
Berta, S 065548
Berta, S 065549
Bertelsen, J 066587
Bertelsen, J 066588
Bertelsen, J 066590
Bertelson, D F 066558
Berthault, C 071856
Berthet, J 064086
Berthiaume, L 065618
Berthlet, P 066804
Berthou, J 064367
Bertin, D 070005
Bertrand, D 063316
Berus, V K 064529
Berzborn, R J 067443
Berzins, G V 066473
Berzins, P 068757
Berzsenyi-Janosits, L 066597
Besancon, P 064292
Besch, W K 066619
Beseda, M 065692
Besedin, P N 072311
Besedin, P N 072321
Beshanov, A V 070205
Beshanov, A V 072317
Besler, D 062347
Bessarabov, B F 065796
Besson, J M 066897
Bessonova, I A 067504
Betchaku, T 064499
Betts, A O 065521
Betts, J E 064727
Betts, J E 065001
Betts, R E 070534
Betts, R E 072002
Betz, W 063362
Beuchat, L R 063393
Beuter, J H 066273
Beuth, A 063638
Beyer, L 064054
Beyer, M 064054
Beyer, M 064679
Beyrich, H 062583
Beyrich, H 064054
Bezborodova, S I 067405
Bezdicek, D F 072011
Bhalla, J S 070450
Bhalla, P R 067563
Bhalla, V K 067855
Bhambani, B D 065494
Bhan, V M 070134
Bhandari, B V C 072093
Bhandari, G S 071778
Bhandari, M 066714
Bharadwaj, R B L 062308
Bhardwaj, A K 069821
Bhardwaj, K K R 071799
Bhargava, P D 069074
Bhargava, V N 064136
Bhari, N R 072088
Bhaskaran, R 069365
Bhaskaran, T L 070350
Bhat, H R 071292
Bhat, H R 071293
Bhat, N T 071797
Bhat, S 071289
Bhatia, K C 065496
Bhatia, K C 065932
Bhatia, T R S 065450
Bhatia, V S 062898

Bhatnagar, R C 066481
Bhattacharyya, H M 065493
Bhattacharyya, H M 065498
Bhatti, A S 068050
Bhatti, J S 071295
Bhatti, M A 062937
Bhatti, M S 072109
Bhatty, M K 067748
Bhutta, M A 067285
Biale, J B 068115
Biancardi, V 062442
Biasini, S 063787
Biazliudny, M M 067869
Biazrov, L G 066866
Biber, B 064254
Bibileishvili, G E 062579
Bicho, M F 066524
Bichurina, A A 067993
Biddington, N L 067778
Biddle, P G 069635
Bidwell, R G S 067477
Bidwell, R G S 067794
Biedermann, R 064391
Biegajlo, W 062292
Biehn, W L 069506
Biehn, W L 069508
Bielawski, R 071112
Bielenberg, O 069879
Bielinska-Czarnecka, M 067781
Bielinska, K 064468
Bielinski, K 064468
Bielov, E 066534
Biernacki, A 063636
Biernaux, J 070446
Bietz, J A 063707
Biffl, W 063412
Biffl, W 072577
Bigelow, H E 066740
Bigham, M L 064726
Bigland, C H 065713
Bigornia, A E 069624
Bikbulatova, T N 068304
Bilal, I M 068099
Bilanski, W K 064605
Bilevich, V A 065998
Bilgrami, R S 069376
Bilka, P 064403
Billingsley, H D 068251
Billington, W P 071600
Bills, D 066419
Bilowicki, J 064475
Bilska, W 065271
Bingefors, S 067365
Bingefors, S 068839
Bingefors, S 068840
Bingefors, S 068841
Bingefors, S 069152
Bingefors, S 069153
Bingefors, S 069905
Bingefors, S 069905
Binning, L K 069741
Binning, L K 069742
Binning, L K 069745
Binning, L K 069746
Binning, L K 069747
Binns, W 071520
Bir, R E 063879
Bir, R E 069757
Biran, I 068434
Birck, R 064573
Bird, I F 067651
Bird, J 069433
Bird, J 069677
Bird, J 070472
Birg, M L 070578
Birg, M L 070608
Biriukov, V G 064540
Birkenbeil, H 070856
Birkkjaer, H E 063485
Birkkjaer, H E 063486
Birkkjaer, H E 063488
Birkkjar, H E 063489
Birnbeck, S 062192
Biroriukova, A A 065803
Bisalputra, T 067032
Bischoff, T 071499
Biserte, G 064329
Biset, L 065108
Bishop, A V 072291
Bishop, J D 065049
Bishop, N I 067443
Bishop, P M 070238
Biskupski, A 068689
Biskupski, M 063783
Bisovets'kyi, T IA 072216
Bisping, W 063178
Bisping, W 063580
Bisping, W 065641
Bissonnette, H L 069879
Biswal, U C 068289
Bito, M 067586
Bitterlich, K 069786
Bitzer, M J 068751
Bizot, M 066609
Bjegovic, P 071082
Bjegovic, P 071083
Bjerkestrand, E 069094
Bjoraker, W T 062463
Bjorkman, O 067415
Bjornsgaard, T 072200
Black, D L 064443
Black, L 065719
Black, L M 069708
Black, L M 069711
Blackburn, A G 064949
Blackith, R E 070753
Blackwell, B 072362
Blaha, J 069088
Blair, A M 070069
Blair, A M 070096
Blair, J C 066262
Blair, R M 064741
Blakemore, W F 065976
Blanchard, E J 063828
Blanco, A 064306
Blanco, H G 067826
Blanken, G 071524
Blasco, F 066852
Blaser, R E 064708
Blaszczak, W 069699
Blaszczak, W 069735
Blauch, B 064278
Blaxter, K L 063256
Blaxter, K L 064227
Blazek, J 068510
Bleiker, S 071013
Blenau, B 065942
Blendl, H M 064113
Blendl, H M 071581
Bliesener, K N 063866
Blin, B 066182
Blinnikova, E A 067158
Blixt, I 062403
Bliznik, K M 067342
Bloc, D 068810
Bloch, C 063464
Bloch, K 067635
Blohm, G 062546
Bloksma, A H 063763
Blom, J 065313
Blomquist, B 064140
Blondin, P 069132
Blondin, P 071656
Blonska-Pawlak, A 069442
Bloomfield, V A 063520
Blossfeld, H 066781
Blossfeld, H 067329
Blum, A 067135
Blum, A 067977
Blum, J W 064429
Blum, M S 070888
Blumke, W 064055
Blythe, T O 069941
Boa, W 071555
Boateng, B D 069955
Bobcek, B 064261
Bobek, P 063255
Bobek, P 064786
Bobirnac, B 071353
Bobirnac, B 071354
Bobrovitskii, A V 071873
Bobrovnik, L D 063793
Bobrovnik, L D 063798
Bobrovnik, L D 063799
Bobyr, A D 067693
Bobyr, A D 069663
Boccard, R 064305
Bocharov, V F 065158
Bochdalek, R 065886
Bochdalek, R 065889
Bocher, T W 066691
Bocheva, S S 067714
Bocheva, S S 067786
Bochsbichler, K 062312
Bock, H D 064303
Bock, J 066631
Bockenhoff, E 062610
Bockholt, A J 068843
Bockstaele, E V 070129
Bodet, J M 068806
Bodnar, A 071401
Bodrova, E 072235
Bodurova, Ts 065703
Boer, G J de 072012
Boer, M de 070024
Boer, P B de 062317
Boev, S N 065842
Boffa, F D 072574
Bogatov, E A 071450
Bogdanoff, M P 065656
Bogdanov, G A 064749
Bogdanov, M 065316
Bogdanowicz, M 068688
Boger, A 062583
Boggess, T S 063393
Bogin, E 071080
Bogliolo, A R 071010
Bogner, H 064868
Boguleanu, G 070460
Bogush, A A 062518
Bogush, A A 071587
Bogush, A A 072063
Bohdan, H P 069570
Bohdan, I F 062598
Bohlken, T 063132
Bohlmann, F 067486
Bohlmann, F 067487
Bohm, E L 067623
Bohm, K H 063178
Bohm, K H 065641
Bohmig, H J 070116
Bohne, H 066150
Bohnenblust, K E 067105
Bohosiewicz, M 071416
Bohra, O P 070343
Bohra, S P 068316
Boiadzhiev, S 065734
Boiarskaia, R K 066421
Boiarskii, L G 064240
Boiko, G I 072136
Boiko, L I 067723
Boiko, O I 069839
Boillot, A 066800
Bojarski, S 069451
Bokarev, A K S 068004
Bokuchava, M A 063998
Bokura, T 068215
Bol'shakova, V S 072144
Bolay, A 066797
Bolay, A 069546
Bolay, A 069548
Bolduan, G 064633
Boldyrev, I V 070152
Boldyreva, T N 069706
Bole, J B 067925
Boling, J A 064742
Bolkan, H 067764
Bolkyadze, Z A 069413
Boller, K H 066547
Bollwahn, W 064334
Bologna, S 064128
Bolton, W D 065458
Bommer, D 068970
Bonadonna, T 064126
Bonadonna, T 065088
Bonaszewski, K 069197
Bonchkovskii, F N 072402
Bond, E E 063769
Bond, W 070054
Bondad, N D 063990
Bondad, N D 063992
Bondar', E M 068382
Bondar', I F 068699
Bondarenko, A A 069411
Bondarenko, A S 067699
Bondarenko, H F 065828
Bondarenko, N V 067502
Bondarenko, V S 066106
Bondarev, V P 069174
Bondurant, J A 072417
Bonell, W 063589
Bonell, W 063591
Bones, J T 066557
Bonev, B 065743
Boney, A D 067736
Boney, A D 067738
Bonham, C D 066899
Bonish, P M 068124
Bonnemaison, L 071037
Bonney, R C 065020
Bonsen, P P M 064316
Bontea, V 069561
Bonting, S L 064326
Booher, L J 072357
Booher, L J 072358
Boon, J van der 068488
Boonloog, N 062709
Boonyawat, W 071927
Boorman, G A 065539
Boos, G 063657
Boos, G V 067243
Booth, A N 063955
Booth, G D 065458
Booth, R H 069242
Booth, W D 065026
Boothroyd, C W 069482
Bopearatchy, R N 069291
Bordeleau, M 065918
Bordiugov, IU P 071587
Borelli, V 064454
Borenska, L 068887
Borg, A 070837
Borg, S 066260
Borg, S 071479
Borgens, H 062949
Borger, M L 064413
Borger, M L 064414
Borger, M L 064735
Borger, M L 064736
Borhidi, A 066608
Borhidi, A 066642
Borikhina, M G 063997
Borisenko, P T 071728
Borisov, A I 071039
Borisov, G 072176
Borisov, G 072298
Borisov, V M 072130
Borkowski, A 070550
Borkowski, A 071300
Borkowski, J 069100
Borkowski, J 069888
Borland, T M 070046
Borlaug, N E 069372
Born, S M 072282
Bornemann, P 063498
Bornman, C H 066941
Bornman, C H 066942
Bornman, C H 066943
Bornman, C H 066993
Bornman, C H 067024
Bornstein, J 062537
Bornstein, J 072422
Bornstein, J 072430
Bornstein, J 067842
Borodenko, L I 064544
Borodynia, I V 071977
Boronin, N K 071977
Boronina, I I 065450
Boroski, R A 071690
Borovikov, V S 065621
Borredon, C 070235
Borshchanskaia, M S 065461
Borsting, E 062277
Borsting, J 065322
Borthwick, R 066052
Borthwick, R 065577
Bortnichuk, V A 062267
Boruks, A 071818
Boruks, A 070926
Borut, S 066519
Borwn, T S 069487
Borwn, T S 065493
Bose, P K 063035
Bosenberg, H 063218
Bosenberg, H 064103
Bosenberg, H 070894
Boshes, R A 065835
Boshko, G V 062565
Bosticco, A 064117
Boswell, C C 071038
Botelho, P S M 063880
Bottcher, H 063924
Bottcher, H 071089
Bottger, K 065232
Bottino, J A 064257
Botto, V 069612
Boubals, D 065624
Bouchet, A 070184
Bouchet, F 063240
Bouckoms, M A 065079
Boucque, C V 065213
Bouda, J 071350
Boudou-Saltet, P 066277
Boudru, M 067445
Bouges-Bocquet, B 068272
Bouges-Bocquet, B 071020
Bouillon, A 064943
Bouillon, J 065445
Boulanger, P 068974
Bould, C 070841
Bouletreau, M 066645
Boulos, L 067789
Boulter, D 062695
Bouma, J C 067078
Bourdet, A 065084
Boureanu, A 062533
Bourgeois, L 067774
Bourke, E L 066328
Bourn, T G 071775
Bourn, T G 070765
Bournaud, M 064707
Bourne, J R 070579
Bourne, J R 067439
Bourque, D P 065030
Boursnell, J C 070935
Boush, G M 067120
Bouter, H 062316
Boutkan, P J 063622
Bouton, P E 072370
Bouty, L 064245
Bovee, F de 071118
Bovee, F de 063082
Bovington, B 064664
Bowden, D M 062656
Bowen, C C 062659
Bowen, C C 068179
Bowen, J E 068953
Bowers, J L 066144
Bowersox, T W 064343
Bowland, J P 064344
Bowland, J P 064345
Bowland, J P 070065
Bowler, D J 062224
Bowles, G K 062830
Bowles, G K 068166
Bowling, D J F 068481
Bowling, D J F 068768
Bowman, D H 063301
Bowman, F 069112
Bowman, J G 068105
Bowman, J J 070657
Bowman, M C 070106
Bowren, K E 062816
Bowser, W C 071955
Boxem, H W 072106
Boyd, D A 065154
Boyd, H 062953
Boyd, J S 062953
Boyd, L J 062190
Boyd, V 067763
Boyer, J S 068532
Boyer, W D 070309
Boyer, W P 068581
Boyle, J R 071861
Boyle, J R 067292
Boyle, W S 069394
Boyle, W S 066525
Bozdech, J 065705
Bozhilov, B 072407
Bozhko, I A 065752
Bozhkova, G 068600
Bozrikov, V V 070570
Braasch, H 065079
Brabander, D L Ede 065721
Bracewell, C D 068391
Bradbeer, J W 064950
Braden, A W H 065220
Braden, T D 070328
Brader, L 062777
Bradford, H W 067938
Bradford, R R 062143
Bradley, H R 064742
Bradley, N W 069713
Bradley, R H E 070407
Bradley, R H E 068955
Bradt, O A 069145
Bradu, N V 071410
Bragaglia, M M 071944
Brahin, A M 062782
Brain, K 064740
Braman, W L 063627
Bramblett, V D 063879
Bramlage, W J 069757
Bramlage, W J 066693
Bramwell, D 065597
Brana, E B 065321
Branagan, D 070888
Brand, J M 062285
Brand, P 063181
Brandes, H 065295
Brandes, H 062968
Brandes, W 069078
Brandkamp, 068269
Brandon, P C 062137
Brandon, P C 066084
Brandstatter, E 066992
Brandt, C J 072198
Brangeon, J 067306
Brantseg, A 065307
Branzhovskii, I 063474
Brass, W 062406
Bratkowska, I 062410
Bratton, C A 072383
Bratton, C A 064284
Bratyshev, I P 064425
Braud, W G 070856
Braud, W G 067981
Brauer, R 069015
Brauner, J L 066478
Brausse, E 067094
Bravyi, M J 065012
Brawn, R I 066544
Bray, R W 066833
Brazier, J D 068517
Breckle, S W 072436
Bredenberg, J B 068049
Breedlove, B W 063156
Breese, E L 063799
Bref, S 067568
Bregadze, D Sh 064697
Breimer, D D 064703
Breirem, K 069101
Breirem, K 063930
Brejoux, P 066308
Brekke, J E 064311
Brenedemuehl, R H
Breneman, W R

Brengle, K G 068646
Brengle, K G 068647
Brengle, K G 068648
Brengle, K G 071539
Breniere, J 070305
Bressani, R 063229
Brestovsky, J 070761
Bretherton, R F 071173
Brett, C P 072202
Brett, P G C 068829
Breuer, D 065302
Breuning, S 071329
Brewer, J E 062213
Brewer, R 062878
Brewerton, D V 066672
Briazun, V A 063781
Bricas, E 063521
Brickbauer, E A 068610
Brickman, A S 065919
Bricout, J 063942
Bridge, M A 069497
Bridges, T C 072432
Brieteneder, K 066178
Briggs, G M 063105
Briggs, G M 063245
Briggs, J B 069975
Briggs, P A 065030
Brim, C A 068771
Brimbetov, M T 068858
Brimbetov, M T 069706
Brindle, A 071140
Brindle, A 071180
Brink, G E 072466
Brinker, W O 065220
Brinkmann, H 067084
Brinkmann, H E 063946
Brinkmann, W 071578
Brinschwitz, W 072030
Brisson, G J 064119
Brister, S M 068623
Brittain, J E 071278
Britton, H G 065019
Britton, R W 067409
Britton, R W 067670
Briukhina, I P 069421
Brix-Pedersen, C 066589
Brock, T D 065585
Brodo, I M 066655
Brodrick, H T 069302
Brodzinski, M G 062437
Brogardh, T 068102
Bronger, A 071960
Bronkowski, S 064561
Bronkowski, S 065364
Bronsch, K 064392
Broodryk, S W 070692
Brooks, J L 068437
Brooks, K E 067767
Brooks, R F 070431
Brooks, T E 066733
Brooksby, J B 065436
Broome, S W 072154
Brosch, K 063679
Brosemer, R W 071043
Brossut, R 070891
Broster, W H 064335
Broster, W H 064694
Broster, W H 064695
Broughton, C W 064439
Broughton, W J 067569
Brovchenko, M I 068163
Browder, L E 067109
Browder, L E 069303
Browder, L E 069481
Brown, A H 063955
Brown, B L 065018
Brown, B T 068092
Brown, C G 066670
Brown, D A L 069955
Brown, D C 062955
Brown, D G 062221
Brown, G W 072447
Brown, H E 063957
Brown, J D 062706
Brown, J H 066316
Brown, J H 066328
Brown, J H 071775
Brown, K M 068519
Brown, L N 072357
Brown, L N 072358
Brown, R G 064372
Brown, R G 064515
Brown, R G 064658
Brown, R M 069974
Brown, S R 067474
Brown, W F 065048
Brown, W H 063937
Brown, W V 070885
Browne, E 062664
Browne, F G 071326
Browning, G 067669
Browning, G 067677
Browning, W 062943
Brownson, R 062761
Brubach, M 071625
Bruchlos, P 072027
Bruckle, F W 065233
Bruckner, G 065126
Bruel, M 062743
Bruel, M 062987
Bruggemann, J 065311
Bruh, J G 066580
Bruhann, W 065303
Brule, G 070891
Brummer, J M 063699
Brun, J 069329
Brun, L J 067885
Brune, D 063747
Brune, H 064385
Brune, H 064704
Bruneton, J 067856
Bruniak, A 066033
Brunner, R 066466
Brunner, T 069087
Brunt, A A 069681
Brupbacher, R H 072137
Brusilovskii, S A 064028
Bruyere, H J 071045
Bruyn, J W de 063893
Bryan, F L 063168
Bryan, G W 066861
Bryan, H S 064932
Bryan, R F 067409
Bryant, P E 067622
Bryant, R G 064662
Bryant, W G 068784
Bryce, C F A 064314
Bryce, T 063446
Bryden, M M 071520
Brykowicz, K 072503
Brynza, A I 068282
Brynza, A I 069249
Brysson, R J 063197
Brzeska, Z 063475
Brzeski, M W 069858
Brzezicki, B 065366
Brzezicki, B 065367
Brzkovsky, K 071636
Brzozowski, A 064800
Bubentsov, S T 069565
Buchala, A J 067935
Buchanan-smith, J 064048
Buchanan-Smith, J 064658
Bucher, K 066377
Buchevoi, I F 065814
Buchkova, T A 067811
Buchner, A 064779
Buchnev, K N 065674
Bucholtz, H F 064299
Buchvarova, IA G 065707
Buchwakd, W 063161
Buck, W Q 069118
Buckland, R B 064121
Buckle, K A 063964
Buckley, D J 063294
Buckley, S M 070595
Buckley, W R 067464
Buczacki, S T 069316
Budak, G IU 067213
Budak, G IU 067215
Budanova, A V 065993
Budashkina, E B 067163
Buddecke, E 064395
Budhiraja, R D 067619
Budin, K Z 067265
Budriunas, A R 072494
Buehring, N W 068767
Buehring, N W 068769
Buelow, F H 063959
Buenfeld, V 064758
Buening, G M 065442
Bueno, P 066043
Bugaenko, I F 063797
Bugaev, V P 072226
Bugakov, P S 071838
Bugarevich, V S 062371
Bugbee, W M 069474
Buhtz, E 062350
Buianovskii, G A 071876
Bujak, K 068901
Bujak, K 068902
Bujak, K 071963
Bujak, K 072243
Bujwid, J 064189
Bujwid, J 064472
Bujwid, J 065064
Bujwid, J 065065
Bukasov, S M 066681
Bukasov, S M 067357
Bukatar', P I 069145
Buketova, M M 067210
Bukhari, A Q S 069245
Bukin, V 065771
Bukina, N V 070156
Bukovac, M J 068373
Bulanda, W 067653
Bulanda, W 067654
Bull, T A 067966
Bullard, B 070804
Bullard, W E 066090
Bulow, V V 065901
Bunemann, G 063947
Bunge, H 071546
Bunt, J A 069807
Bunyan, P J 070684
Burau, R G 066017
Burckhardt, E 072028
Burckhardt, I 064222
Burdajewicz, S 070288
Burdajewicz, S 070289
Burdajewicz, S 070478
Burdet, H M 066582
Bure, J 063764
Bure, J 063819
Burgaard, E 069320
Burgele, D 065036
Burger, F A 064139
Burger, H G 064309
Burger, H G 064350
Burgess, J 067027
Burgess, J 069891
Burgess, J W 063956
Burgess, T D 064120
Burgess, T D 064417
Burghardt, H 063868
Burgstaller, G 064761
Burgstaller, G 064870
Burgstaller, G B 064763
Burian, A 071434
Burke, C S 063083
Burkholder, W E 070935
Burkitt, F H 063844
Burlak, Z 064926
Burlini, M 071231
Burnea, I 071931
Burnea, L 071931
Burnet, B 070858
Burns, D T 070722
Burns, E E 069817
Burns, E E 072266
Burns, I G 070231
Burns, I G 070232
Burns, I G 070720
Burns, I G 071956
Burns, I G 071957
Burns, J C 067884
Burns, J C 071985
Burns, R G 070022
Burov, D I 071925
Burova, L G 066865
Burr, E J 065000
Burr, F A 067552
Burris, D L 071209
Burris, J S 067960
Burris, J S 067968
Burris, M J 070862
Burris, M J 070863
Burrows, C J 066884
Burrows, M 070901
Burrows, M 070902
Bursell, E 070920
Burt, A W A 064069
Burt, A W A 064746
Burton, D N 068633
Burton, G J 070939
Burton, W R 068779
Burtova, A F 072065
Burtschell, P 065423
Bury, J 065890
Burychenko, G M 071383
Burzlaff, D F 072158
Burzynski, J 070998
Busby, N 070968
Busch, R H 068773
Busch, W 065119
Buschinger, A 071086
Busev, A I 071804
Bushnell, W R 069275
Busker, L H 071384
Buskirk, M D van 070957
Buss, A H 064856
Bussstein, R 065306
Busta, F F 063125
Butani, D K 070349
Butcher, J A 066501
Butcher, L M 067086
Butcher, L M 067432
Butenko, R G 067406
Butenko, R G 068162
Butler, E E 067764
Butler, K P 070423
Butler, K P 070424
Butler, V 066941
Butler, V 066942
Butler, V 066943
Butler, V 067024
Butler, W H 066022
Butler, W H 067540
Butros, J 064375
Button, A H 063736
Button, R G 071757
Button, R G 071762
Buttrose, M S 068235
Bux, Q 069076
Buysse, F 064815
Buysse, F X 065079
Buzanov, I F 063804
Buzmakow, W W 068898
Bychvarova, Ts 062270
Bygott, R B 062561
Bykasova, V M 070975
Bykhun, M V 062449
Bykhun, M V 062580
Bykhun, M V 064837
Bykowski, P 063430
Byr'ko, V M 071804
Byrd, T 062150
Byrd, V L 066551
Byrne, M R 064956
Byszewski, W 066891
Caballero Deloya, M 066261
Cabanis, Y 068822
Cabezudo, M D 064007
Cabiles, C C 065602
Cable, C C 062744
Cable, C C 062823
Cadot, M 062432
Cadot, M 064799
Cadwallader, J A 065950
Caestecker, K de 062291
Caffarelli, M de 062849
Cagniant, H 071348
Cahanap, A C 063267
Cahanap, A C 068426
Cain, J L 062701
Calabrese, L 064325
Calalay, F T 065602
Calamari, T A 063840
Caldarera, C M 064356
Caldeira ferreira, D 069030
Calderon C., M 070667
Calderon, C E 066799
Calderon, C E 067043
Calderwood, R T 072454
Caldwell, M 062963
Caldwell, T H 072106
Calet, C 064686
Caligari, P D S 070875
Caliwag, C M 063993
Callahan, C J 065018
Callbeck, L C 069284
Callot, J 071309
Callow, J A 067012
Callow, J A 067735
Callow, M E 067012
Callow, M E 067735
Calmes, J 067392
Calnaido, D 069204
Calvar, D J 068954
Calvel, R 063779
Calvert, E L 068927
Caly, F 070177
Camacho B, S 063101
Camalesa, N 065144
Camalesa, N 065145
Cambefort, Y 071349
Cameron, E A 070553
Cameron, L G 070086
Campanarut Barnabe, R 064948
Campanarut Barnabe, R 065228
Campbell, B 070838
Campbell, C L 064131
Campbell, F J 068992
Campbell, F J 072039
Campbell, G 065520
Campbell, G L 064347
Campbell, I 068681
Campbell, I 068682
Campbell, J D 062623
Campbell, M H 068630
Campbell, M H 071745
Campbell, M O 063358
Campbell, W R 071067
Campean, C 065294
Campling, R C 064725
Camus, H 071856
Canales, S 071738
Canals, C 064011
Candlish, E 064046
Cane, F M 063771
Cani, M 066426
Cannas Simoes, J M 065080
Cantaragiu, M 068493
Cantoni, C 063606
Cantoni, C 063607
Cantoni, C 064039
Cantrell, J O 066190
Canvin, D T 067477
Capaul, E G 065291
Capblancq, J 066619
Capecki, Z 071301
Capiel, M 067745
Capiel, M 072446
Capo, B G 068421
Capoor, S P 069622
Caporale, G 068255
Capozzi, A 068255
Cappelaro, C E M P M 065638
Capuse, I 071187
Caputo, R 068579
Carangal, V 062710
Carazzina, M 065452
Carbalho Mendes, A 064197
Carbrey, E A 065387
Cardenas, J de 063898
Cardenas, M 066783
Cardenas, M 066784
Carew, J 062959
Cargill, B F 071518
Cargill, C F 065440
Cargill, C F 065441
Cargill, C F 065442
Cargouet, L 063571
Carlini, E A 067821
Carlos, E R 065602
Carlos, E T 065602
Carlson, C W 071043
Carlson, D M 070818
Carlson, K 062142
Carlson, W H 062963
Carlsson, E 071637
Carlsson, M 062446
Carman, G M 063614
Carman, G M 065007
Carmel, P W 064352
Carmo, A M 066420
Carncross, J W 062548
Carolin, V M 070563
Carolus, R L 072353
Caron, D M 071374
Carpena, O 071738
Carpenter, J A 064509
Carpenter, J A 064510
Carpenter, K 070037
Carpenter, Z L 063661
Carpenter, Z L 063662
Carpenter, Z L 063663
Carpenter, Z L 063664
Carpovich, E A 070275
Carr, M H 072543
Carrier, S P 065445
Carroll, F D 063622
Carroll, W M 070554
Carrow, J R 070534
Carrow, J R 072002
Carson, C A 065395
Carter, A R 069981
Carter, D L 064045
Carter, E S 070016
Carter, J B 070931
Carter, J B 070932
Carter, R C 063614
Carter, R C 065007
Cartwright, T C 064509
Cartwright, T C 064510
Cartwright, T C 064511
Cartwright, T C 064512
Cartwright, T C 064852
Cartwright, T C 065109
Cartwright, T C 065110
Carvalho, J C M 071313
Carvalho, J C M 071314
Carvalho, J C M 071316
Carvell, K L 066405
Carvell, K L 066563
Carville, H de 064686
Casady, A J 068654
Casanova, L 068853
Case, C 068411
Case, M W 068323
Caseley, J 069982
Caseley, J 069996
Caseley, J C 069951
Caselli, R 065651
Casey, T M 070907
Cashen, N A 063835
Casier, J P J 063699

Casler, G L 062408
Cass, D D 066954
Cassagnes, P 068489
Cassens, R G 063628
Cassens, R G 063640
Cassidy, J C 070012
Cassidy, J C 070038
Cassin, J 067344
Castaldo, L 064487
Castelfranco, P A 068262
Castelfranco, P A 068445
Castell, R 064706
Castellano, M A 064408
Castells, I M 064815
Castille, J P 063784
Castillo, M B 069874
Castle, M E 064652
Castle, M E 064829
Castro, L E 070866
Castro, M P de 065639
Catala, S S 071012
Catalano, C 065291
Catchpole, A H 070097
Cater, C M 063958
Cathey, H M 069093
Catt, J A 071912
Catt, M J 070193
Causey, N B 071202
Causey, O R 065394
Cave, A 067856
Cavic, B 065687
Caviness, C E 068622
Cayrol, J C 069894
Cazabon, E P I 065720
Cazalot, G 062450
Cazamajour, F 069777
Cedro, T 062751
Cedro, T 071488
Cedro, T 071491
Cejba, E 065181
Celis, M J 071321
Cerdonio, B 063272
Cernaianu, E 071684
Cernak, J 066525
Cerne, F 065133
Cernov, K S 066006
Cernusca, G 066396
Cernusca, G 066906
Cerny, M 065899
Cerny, M 066433
Cerny, V 071706
Cerven, J 063255
Cerven, J 064786
Cerveny, C 065214
Chablin, O V 065781
Chablin, O V 070649
Chaboussou, F 067554
Chaboussou, F 069778
Chace, W G 063877
Chachin, K 063971
Chadha, P C 068742
Chagrabankhu, H 069774
Chahrasbie, H 064341
Chailakhian, M Kh 067584
Chailakhyan, M Ch 068483
Chakraborty, A N 065505
Chakraborty, A N 065507
Chakraborty, D D 065507
Chakraborty, D P 067488
Chakraverty, R K 068040
Chakraverty, R K 069363
Challis, J R G 064435
Chalmers, A J 062614
Chalmers, R K 072502
Chalupa, V 068559
Chalutz, E 063936
Chamberlain, N H 069534
Chambers, J T 062480
Chambers, J T 071420
Chaminade, R 071986
Chamley, W A 064309
Chamley, W A 064350
Chammek, C 068156
Chammek, C 072191
Champagne, M 064330
Champeau, H C 062839
Chan, H Y 072178
Chan, K Y 067706
Chan, P Y 068121
Chan, Y H 069271
Chance, W J F 062443
Chancellor, R J 067462
Chancellor, R J 067465
Chancellor, R J 067466
Chancellor, R J 070102
Chancellor, R J 070103
Chand, D 064397
Chand, J N 069604
Chandarasrivongs, C 069253
Chandra, A 066486
Chandra, A 066488
Chandra, G 071285
Chandra, K R 070260
Chandravanshi, B R 068037
Chanet, M 068739
Chanet, N 063746
Chang, A F 070800
Chang, C Y 070505
Chang, H S 067397
Chang, L C 070508
Chang, N 067635
Chang, S S 063384
Chang, S S 063620
Chang, S S 069300
Chang, S T 067706
Chang, T H 062729
Chang, T M 064423
Chang, T T 062638
Chang, Y T 062979
Chang, Y T 068172
Chang, Y T 072457
Chang, Y T 072458
Chanmamedov, K M 066476
Chanturiia, N N 069412
Chanzy, H D 064015
Chapman, H C 070934
Chapman, H L 064682
Chapman, J M 066991
Chapman, R F 070282
Chapman, R F 071003
Chapman, W L 065894
Chapotat, G 066802
Charazinski, J 062746
Charazinski, J 062749
Charazinski, J 062752
Charbonneau, C 063158
Charbonneau, C 070721
Chard, T 065021
Charles, R J 063951
Charleston, W A G 065552
Charleston, W A G 070624
Charpentien, J 063672
Charpin, A 066660
Charrier, A 069236
Chashkin, I N 065200
Chasseboeuf, C 063435
Chastsii, V P 068604
Chatanay, J N 062983
Chatelin, Y M 062991
Chatelin, Y M 065608
Chatterjee, A 067612
Chatterjee, A C 063743
Chatterjee, B C 071713
Chatterjee, D K 070668
Chatterji, S M 070339
Chatterji, S M 070340
Chatterji, U N 067620
Chatterton, N J 067972
Chaturvedi, A N 066337
Chaturvedi, C 067616
Chaube, H S 069358
Chaudhary, R C 067273
Chaudhary, R C 067274
Chaudhri, A M 062906
Chaudhry, M A 066386
Chaudhry, M R 064405
Chaudhry, M R 064406
Chaudhry, M R 065004
Chauhan, H V S 065717
Chaumier, J M 066128
Chaurasia, M C 072084
Chaus, V M 065830
Chawla, S S 070571
Chazeau, J 070851
Cheban, P L 067526
Cheban, V M 071980
Cheburaeva, A N 066747
Chee, K H 069890
Cheema, S S 069374
Chefranova, IU A 065554
Chekalina, V I 070263
Cheklina, V N 071882
Chekotovs'kyi, E V 062833
Chelmonska, B 065185
Chemsak, J A 071146
Chen, C 068172
Chen, C 072457
Chen, C C 069298
Chen, C C 070316
Chen, C T 069582
Chen, C Y 067397
Chen, M C 064880
Chen, M S 066542
Chen, P S 071017
Chen, S 063885
Chen, Y S 066810
Chenchev, I 065729
Cheng, A L S 063712
Cheng, H H 070787
Cheng, H H 071781
Cheng, H P 064172
Cheng, K Y 072458
Cheng, S K 062731
Cheng, S K 062976
Cheng, S K 062977
Cheng, S K 062978
Cheng, T H 062980
Cheng, T H 062981
Cheng, T S 062767
Cheng, Y H 069159
Cheng, Y H 069300
Cheng, Y S 069773
Cheo, P C 069693
Cheong, Y W Y 068121
Cheremisinov, G A 065162
Cheremisinov, G A 071816
Cheremisinov, N A 066871
Cheremushkin, S 062245
Cherenkova, E A 063671
Cherepakhin, N S 071448
Cherepakhin, N S 072375
Cherepanov, M A 066243
Cherepanova, N P 069564
Cherevkova, L V 067786
Cherkasov, V M 070152
Chernevski, N 065748
Cherniak, B I 063740
Chernikova, L M 068004
Chernikova, Z A 071722
Chernoshtanov, A A 065791
Chernov, K S 066066
Chernov, K S 066068
Chernov, K S 066071
Chernukhina, A P 071984
Chernukhina, A P 072123
Cherny, J 067199
Chernykh, N I 072188
Chernyshev, V D 068537
Chernyshov, V A 072309
Chesalin, G A 070158
Cheshmedzhiev, B V 064912
Chesneaux, M T 067901
Chesneaux, M T 068947
Chester, C G C 069440
Chesters, C G C 069438
Chesters, C G C 069439
Chestney, A A W 071599
Chet, I 067665
Cheung, A C 070791
Cheung, A L 071045
Cheung, H T 067537
Cheung, W W K 070927
Chevassus-Agnes, S 063225
Chevassus-Agnes, S 063690
Chevchenko, O V 072471
Chevrou, R 066127
Chew, G K 070770
Chhabra, A D 065061
Chheda, H R 068847
Chiapparini, L 070113
Chiarelli, V 065638
Chibisov, A K 067558
Chidzhavadze, D D 066244
Chien, C C 070427
Chien, H C 062581
Chikishev, A G 071784
Chikkannaiah, P S 067607
Chiko, A W 062491
Chiko, A W 069770
Chikov, V I 068346
Childers, E 062166
Chilom, P 068493
Chilom, P 072207
Chilvers, G A 067734
Chin, F H 069295
Chin, F H 069301
Chin, T 070510
Chin, W T 069618
Chin, W T 070318
Chintaeva, F Kh 064268
Chio, H 070241
Chio, H 070576
Chiosila, I 067467
Chiotan, G 072207
Chipeta, W 062791
Chippendale, G M 070884
Chiriboga, C D 063953
Chiriboga, J 065593
Chirkov, A I 062575
Chirkova, T V 068599
Chirov, P A 065843
Chirva, V Ya 067499
Chirva, V Ya 067526
Chirva, V Ya 068303
Chirva, Z F 068385
Chistiakov, I IA 065482
Chistiakov, M P 070820
Chistiakov, M P 071256
Chiu, K Y 069297
Chiu, M D 069619
Chiu, M D 070319
Chiu, S C 070427
Chiwaki, K 069832
Chiykowski, L N 069617
Chizhikova, N P 071842
Chizhikova, N P 071872
Chizhova, V P 066872
Chkhartishvili, D S 062448
Chlebovska, K 066028
Chlebovsky, O 066025
Chlebovsky, O 066026
Chlebovsky, O 066027
Chlebovsky, O 066028
Chlyah, H 067453
Chmielewski, W 070584
Chmielewski, W 070585
Chmora, S N 067997
Chmulev, V M 068402
Cho, K Y 070198
Chod, J 069654
Chod, J 069721
Chohan, J S 063113
Chohan, J S 069378
Choi, J 070199
Chollet, R 068114
Chomchalow, N 062708
Chomyszyn, M 064083
Chopinet, R 068474
Choppin de Janvry, J 068739
Chorba, L N 068698
Choudhury, B 069642
Choudhury, K 063761
Choudhury, K 063967
Chrapkowski, 064153
Chrappa, V 063255
Chrenek, J 065204
Chrenek, J 065205
Chrimes, J R 068972
Chrisp, C E 065906
Christense, J V 069748
Christensen, J V 069036
Christensen, L 063630
Christensen, N H 072165
Christenson, R K 065015
Christiakov, L V 065542
Christiansen, C 065524
Christiansen, L N 063031
Christiansen, M N 067956
Christiansen, M N 067961
Christiansen, S A 071598
Christianson, H 066778
Christias, C 069496
Christie, B A 065908
Christie, B R 067095
Christoff, G T 067288
Christopher, J 065517
Chruscielska, K 063175
Chruscielska, K 070290
Chrzanowski, A 064183
Chu, M C Y 069055
Chu, Y I 070801
Chua, S 067737
Chuan, T T 062554
Chuan, T T 072179
Chub, M P 072071
Chudleigh, J W 064646
Chugunov, P V 067518
Chui, W D 071142
Chukashev, G V 063671
Chulakov, Sh A 069940
Chulakov, Sh A 071732
Chulkov, N I 067236
Chulkova, N A 062538
Chulturov, Sh M 071939
Chumak, V K 067577
Chumakova, A I 069422
Chumbalov, T K 068304
Chumbalov, T K 068530
Chumchal, R 065689
Chundawat, G S 072088
Chungtes, T 068779
Chuprova, V V 071838
Churikova, V V 068007
Chury, J 064588
Chvala, M 071120
Chwiej, M 064003
Chwilczynski, M 065942
Chwilczynski, M 065943
Ciampi, L R 071903
Ciapala, M 064556
Ciapala, M 065361
Cibula, M 065204
Ciechanowska, J 071490
Cieslak, S 069444
Ciordia, H 065384
Cirami, R M 069006
Cirtu, D 066815
Ciszuk, P 064841
Ciurus, J 064171
Cizeli, I 064765
Clack, R W 066049
Claesen, J 063917
Claesson, S 072258
Clapham, S 068967
Clapp, J G 068771
Clark, W H 070872
Clark, W R E 063082
Clarke, C A 070955
Clarke, C E 070082
Clarke, C E 070092
Clarke, E T 070923
Clarke, K W 065320
Clarke, R H 069993
Clarke, R O S 071320
Clas, R P H 067316
Claude, J 072442
Claus, H G 064094
Claus, H G 071580
Claus, S 067084
Clauser, H 064331
Clavel, J C 062989
Claxton, H D 066312
Clay, D V 070087
Clay, D V 070093
Clay, D V 070228
Clayphon, J E 070727
Clayphon, J E 071653
Clayton, G A 064945
Clegg, F G 065716
Clegg, M T 067289
Clegg, M T 067668
Clemence, R V 069106
Clemencon, H 066762
Clement, C R 068128
Clement, R C 070690
Clerc, F 062933
Clercq, R de 070380
Cleveland, E 070367
Clifford, D R 069238
Cline, T R 064732
Clingenpeel, A 068818
Clint, K L 066785
Cliplef, R L 063623
Clo, C 064356
Cloninger, M R 063392
Clore, W J 069047
Clouette, B 069117
Clymer, C L 066512
Coaker, T H 070499
Coakley, J 070367
Coats, R E 068767
Cobic, T 064744
Coburn, J W 065919
Cocheba, D J 062300
Cochran, D G 070577
Cochran, D G 070915
Cochrane, H S C 068926
Cochubei, N S 063801
Cociliva, A 065452
Codaccioni, M 067025
Coen, G 071754
Coenen, J 064757
Coffelt, T A 067291
Coffey, M D 067459
Coffey, M D 069260
Coffing, A 063014
Coffman, M S 068594
Coffman, W P 070768
Coggins, J R 069105
Cogiel, F 065181
Cohen, R 065612
Cohen, R D H 064308
Coineau, N 064245
Coineau, N 071118
Coineau, Y 070750
Cointreau, M 062780
Coker, J R 068843
Cola, L 071250
Colbran, R C 068813
Cole, G T 066957
Cole, H 069549
Cole, J A 063394
Coleman, S W 064737
Coleman, V R 069013
Coleman, V R 070438
Coleman, W P 070903
Colenutt, R J 066228
Collard, A J 064784
Collet, G F 068148
Colley, F C 065648
Collier, C W 069184
Collier, C W 069185
Collier, C W 069186
Collier, C W 069187
Collier, C W 070219
Collier, C W 070220
Collier, C W 070221
Collier, P D 063446
Collins, A M 063838
Collins, E H 066367

Collins, J J 066500
Collins, J L 063391
Collins, R F 070719
Collins, W S 063054
Colmenares C, S 070119
Colmey, J C 063299
Colombani, J 071855
Colombo Diaz, R 070700
Colonna, J P 067472
Coltrane, L H 062151
Colwell, R N 072488
Coman, T 069645
Comanor, P L 070872
Combe, P 064685
Combe, P 068675
Comeau, J E 064965
Comedis, A 069871
Comerford, C K 068628
Comes, I 069386
Comes, I 069561
Commere, M 064672
Compton, W A 067106
Comstock, J C 069501
Cone, W W 070288
Cone, W W 070289
Conkle, M T 066212
Conlon, T 071644
Conneman, G J 062407
Connole, M D 065417
Connolly, K 070858
Connor, D J 068575
Connor, L J 072566
Conover, C A 068990
Conover, C A 068991
Conrad, J H 064732
Consolacion Salas, M 067411
Consoli, R B 071008
Constaninescu, V 065633
Constantinescu, V 070456
Contreras Villanueva, J 064305
Convey, E M 064431
Conway, D P 065385
Conway, H F 063319
Conway, T J 068928
Cook, A H 064659
Cook, F D 071866
Cook, R J 069471
Cook, R J 069479
Cook, R T A 069253
Cooke, B M 069257
Coombe, B G 068444
Cooper, C 062959
Cooper, D M 064235
Cooper, D W 070770
Cooper, J P 068049
Cope, J T 072013
Copeland, L O 068657
Copes, D L 066318
Coppenet, M 067900
Coppock, J B M 063759
Coppock, S 070367
Coppolino, J B 066156
Corba, J 065473
Corbet, P S 071152
Corbett, J L 064289
Cordukes, W E 067933
Cordukes, W E 071752
Corker, C S 065019
Corley, R H V 067131
Corley, R H V 067565
Corley, R H V 069206
Cornelius, M J 067651
Cornier, C 064973
Cornuz, L 066794
Cornwell, B L 065631
Correa, C N M 065430
Correa, W M 065430
Corrivault, G W 070571
Cortazar, R 067137
Cory, E E 064045
Coshan, P F 071198
Cosoroaba, R 064525
Costa Batllori, D P 064607
Costa Batllori, P 065222
Costa F, M da 064816
Costa F, M da 068821
Costa, E 062934
Costa, M C B 068480
Costa, M da 064817
Coster, J E 070559
Costescu, C 071354
Costescu, M 069561
Costonis, A C 066089
Cote, W A 070531
Cothran, C D 069531
Cotton, G 062534
Cotton, G 062552
Cotton, G 062553
Couden, H N 062707
Coulter, J K 071911
Coulter, J K 072306
Coulter, W K 070563
Coupland, A J 070900
Courter, J W 069056
Courtney, A D 067463
Courtney, A D 069935
Courtney, A D 070071
Courtney, A D 070094
Courtney, C H 070731
Cousin, J F 062339
Cousin, R 069236
Coutrez-Geerinck, D 068294
Coutrez-Geerinck, D 068295
Couzin, D A 067099
Cowan, J C 063751
Cowan, J C 063754
Cowan, M I 067460
Cowan, M I 069266
Coward, E W 068883
Coward, E W 072477
Cox, B J 068546
Cox, F R 072155
Cox, J 070494
Cox, K J 066037
Cox, L 063583
Cox, P 063771
Cox, R J 069947
Cox, W J 068126
Cox, W J 069829
Cox, W J 072555
Craifenberg, A 069075
Craig, C H 070238
Craighead, M R 066367
Craker, L E 069781
Crane, J C 068446
Crawford, J L 069797
Crawford, J L 069324
Crawford, J M 063557
Crawford, R M 067011
Crea, V 062535
Credland, P F 070861
Creed, E R 070876
Creed, E R 072535
Creely, J J 063833
Cremer, H D 063075
Cretu, M 071686
Cribb, A B 066788
Cribb, A B 066892
Crichton, R R 064280
Crichton, R R 064314
Cripe, W S 065472
Crisan, C 065084
Crisan, E V 068256
Crispell, C 062403
Crizek, D T 068240
Crockett, S P 068767
Crockett, S P 068769
Croeni, K 072305
Croizat, L 066772
Croizat, L 066773
Crook, I G 072572
Cropp, R H 062642
Crosby, F L 069876
Crosnier, J C 070185
Cross, M H 065716
Crosswhite, W M 062272
Crouch, E K 064848
Crowell, C 069427
Crowley, J W 064061
Crown, E M 062865
Crown, E M 063049
Croxall, H E 068676
Cruger, G 070694
Crum, H 066760
Crush, J R 066881
Cruwys, G E 066385
Cruz, Z G 065057
Cserhati, T 063514
Csoma, M 071435
Cuany, A 069808
Cubbedge, R H 063877
Cubbedge, R H 063932
Cumming, I A 064350
Cumming, J E 070602
Cummings, W 069766
Cummins, K W 070816
Cundiff, L V 065013
Cundiff, L V 065934
Cunha, A B da 070911
Cunha, T J 063077
Cunha, T J 064681
Cunnane, C 072428
Cunningham-van Someren, G R 070832
Cunningham, F E 063688
Cunningham, F J 065020
Cupak, M 064589
Cupak, M 064590
Cuperus, J L 071868
Cupkova, V 064403
Cure, V 071144
Currie, E A 064110
Curtain, C C 065426
Curtis, S M 062150
Cus, M 070704
Cussans, G W 069971
Cussans, G W 069989
Cussans, G W 070028
Cutler, D F 066712
Cutler, K E 071376
Cutler, M R 062908
Cutler, M R 072537
Cutlip, R C 065383
Cutter, R K 067076
Cutting, J A 064323
Cwiertniewska, E 063209
Cwiertniewska, E 070745
Cyanophyceae, I 066754
Cybulski, J 065071
Cybulski, W 062974
Cybulski, W 064169
Czako, J 064274
Czaplak, T 064084
Czarnecki, J 062558
Czeratzki, W 071785
Czernik, Z 066541
Czerwieniec, M 072503
Cziraki, J 066439
Czuba, R 072097
Czuber, B 069730
D'Appolonia, B L 063708
D'Arce, R D 064498
D'Aubert, S 063606
D'Cruz, J 072533
D'errico, A A 064454
D'Eugenio, A 072039
D'souza, S V 063524
D'urso, G 067897
Dabija, G 065633
Dabrowski, T 065563
Dabrowski, Z T 070278
Dabrowski, Z T 070279
Dabrowski, Z T 070994
Dabrowski, Z T 070997
Dadd, R H 070940
Dadic, M 063314
Daelemans, A 069333
Daemen, F J M 064326
Daerr, H C 064751
Dafni, A 066946
Dafni, I 065290
Daftari, L N 069349
Dagher, S M 063681
Daghetta, A 064039
Dahiphale, M V 072076
Dahl, R P 062764
Dahle, H K 064036
Dai, T S 071755
Daigger, L A 072158
Daigle, C J 063817
Daigle, D J 063195
Dal Molin, C E M P 066019
Dalakishvili, Ts M 067508
Dale, P S 069843
Dalens, H 071351
Daley, R J 067474
Dalke, L 067282
Dall'acqua, F 068255
Dalleinne, E 071515
Dalleinne, E 071658
Dalrymple, R L 064137
Dalvi, R R 063122
Daly, C 063120
Daly, C 063626
Daly, G T 067737
Daly, M J 062997
Dalziell, I L 062651
Dammert, S 064078
Dan'ko, V I 072069
Danchev, P 065725
Dandar, A 063765
Dandar, A 063816
Dandawate, C N 070812
Danek, J 065755
Danek, J 065756
Dang, J K 069361
Dangler, L 063892
Daniel, J 070170
Daniels, L J 064645
Daniels, N W R 063759
Danielson, R E 072364
Danielson, R M 071907
Danilova, G V 072389
Danks, H V 071152
Danmark, H 063487
Danov, D T 064969
Danov, D T 064970
Danov, M 065982
Danov, M 065983
Danov, V 068509
Danyliuk, B P 064548
Danyliuk, B P 065102
Dar, I A 067283
Dar, I A 070355
Darabantu, C 071164
Darapetian, R M 065555
Darbee, B I 071486
Darczmarczyk, S 068895
Dardshonov, T 062935
Dardzhonov, T 064915
Daribaeva, K Sh 067892
Darie, V 068494
Darracq, J 071650
Darrigrand, M 070188
Darrigrand, M 070377
Das Gupta, D K 068834
Das, A 069352
Das, C C 070852
Das, K C 067488
Das, P K 064398
Das, S K 065493
Das, S K 065498
Dasgupta, P R 067931
Dasgupta, S K 063396
Dash, G C 072089
Dashdondov, Kh 062950
Dashevskii, V I 070544
Dashtseren, Ts 065759
Dashwood, R H N 070031
Daskaliuk, A P 067581
Daskalov, M 071673
Dassenoy, B 067311
Dassenoy, B 069428
Datta, B 071796
Dau, P K Y 071523
Daugherty, R E 062517
Daugherty, R E 062681
Dautrevaux, M 064332
Davar, K S 072429
Davenport, D G 064743
Davey, A W F 064772
Davey, B H 062237
David, L 064085
David, M 068994
David, M 072261
Davide, R G 069870
Davide, R G 069871
Davidescu, D 068493
Davidson, H 062962
Davidson, J W 065244
Davidson, M F 064477
Davidson, T R 064047
Davidson, T R 064048
Davies, C R 067799
Davies, C R 068136
Davies, D M 070789
Davies, E 071388
Davies, F 071388
Davies, F F 068797
Davies, H 071912
Davies, J C 070324
Davies, T 064659
Davis, C H 064643
Davis, D L 068751
Davis, E E 066738
Davis, J M 068793
Davis, J R 066146
Davis, J R 068611
Davis, J R 068612
Davis, K C 063248
Davis, L E 064300
Davis, M E 069963
Davis, R A 070722
Davis, R E 069877
Davis, R G 069600
Davis, S L 064413
Davis, S L 064414
Davis, S L 064735
Davis, S L 064736
Davis, S S 063399
Davis, W C 063874
Davis, W E 066568
Davison, A D 069916
Davison, A D 069917
Davison, A D 069918
Davison, A D 069919
Davison, A D 070222
Davison, A W 067729
Davison, J G 070044
Davison, J G 070085
Davison, J G 070088
Davletkil'deev, F A 064883
Davoudi, Z 070898
Davydova, I A 068562
Dawson, J H 070208
Dawson, R R 064595
Day, D L 072265
Day, J W 072512
Dayal, M S 072051
Dayao, J V 065600
Daynes, P 065624
Dayton, A D 063624
Dayton, P K 067561
De Baets, A 069335
De Camargo, A H 070389
De clercq, R 070329
De Datta, S K 069956
De Grisse, A 069805
De Haan, E J 064320
De Jong, E 071757
De Jong, E 071758
De Jong, E 071762
De Kimpe, C R 071756
De Marco, D G 071997
De Moraes, R S 072307
De Scurrah, M M 069756
De, B N 065505
De, B N 065507
Deak, J 064593
Deal, S 069766
Dean, M L 069997
Dean, P B 065399
Dearling, T B 066503
deBach, P 070847
deBach, P 070848
DeBald, P S 066309
Deberdeev, D F 071688
DeBower, K 066303
Debowy, J 064251
Debreczy, Z 066641
DeCamp, P 063119
Decelle, J 071323
Decun, M 065632
Dee, J 067152
Deelder, A M 065372
DeGoosh, C 065385
Degot, A V 067516
deHoll, J C 062918
deHoll, J C 063104
Deibel, R H 063296
Dejarlais, W J 063751
Dejneka, J 064555
Dekanosidze, G E 067523
Dekanosidze, G E 067529
Dekanosidze, G E 067531
Dekhuijzen, H M 068133
Dekker, R F H 064444
Dekker, W H 069810
Dela, W 065570
Delacourt, A 066852
Delage, J 064721
Delattre, R 069803
Delattre, R 070697
Delavier, H J 063022
Delberg, H 064755
Delberg, H 064796
Delbridge, R W 069277
Delbridge, R W 069282
Delchev, Kh 063202
Delchev, Kh 070735
Delfieu, G 072444
Delion, D 070581
Dell'aquila, S 067897
Dellers, R W 065397
Delmage, D A 065324
Delong, D M 071137
Delosme, R 068272
Deltour, J 063374
DeLuca, H F 064436
Demaerschalk, J P 066193
Demakov, G P 065817
Dematte, J L I 071890
Dematte, J L I 071892
Demaux, J 071342
Demchenko, P A 067983
Demecka, W 064790
Demenkova, L I 065871
Demes, G 071536
Demidov, E D 068344
Demidov, N V 065774
Demidova, A D 067810
Demorenko, I F 067356
Dempsey, E 067287
Dempster, L T 066652
Dencker-Hansen, P 069034
Denes, L 065267
Dengg, F 071035
Deniel, M J 062239
Denisov, O B 066475
Denisova, M V 072189
Denman, C E 068797
Denninger, C 070417
Dennis, S M 065454
Dennis, S M 065455
Dennis, S M 065456
Dent, F J 071929
Deo, N 065509
Deosthale, Y G 068036
DePaepe, G 063699
Deppe, H J 066460

Deppe, H J 066464
Depta, A 065284
Derbentseva, N A 069663
Derenthal, M 064864
Derevianko, K I 065818
Derivaux, J 064298
Derivaux, J 065225
Derksen, J 070799
Dermen, H 067074
Derrien, A 063442
Derzelle, E 065406
Desai, B G 069332
Desai, B G 069333
Desai, B G 069342
Desai, B M 062725
Desai, H K 067609
Desai, H K 068543
Deschka, G 071229
Deschka, G 071239
Deshmukh, D R 065390
Deshmukh, S N 070450
Desmaras, E 065291
Desmet, P 065351
Despain, D G 067481
Desplanques, H 062235
Desroches, P 070845
Desser, S S 070616
Detemmerman, E 063906
Detheir, V G 070916
Detkens, S 065044
Detkens, S 065072
Dettwiler, E 071494
Dev, S 067854
Dev, S 067855
Devaraju, C 071797
Devos, O J H 065834
Devuyst, A 064905
Dew, S M 064956
Dewan, R K 063520
DeWolf, G P 068948
Dey-Hazra, A 065655
Dey, P C 064398
Dey, P M 067446
Deyl, L van 070701
Deyoe, C W 063028
Deysson, G 064337
Deysson, G 067470
Dezeeuw, D J 069256
Dezeeuw, D J 069537
Dhaliwal, H S 071391
Dhammanuvong, S 069774
Dhingra, O D 069467
Dhooria, M S 070448
Di Stefano, H S 065646
Diachenko, N S 065576
Diakonu, P 067188
Diakov, L 065706
Diaz-Fierros, F 071991
Diaz, R A 062154
Dicker, N A 070977
Dickerson, B P 072330
Dickson, D R 062294
Dickson, R E 068582
Diebel, R H 063295
Diehl, M 065298
Dieleman, S J 067724
Dierauf, T A 068598
Dierickx, P J 067762
Dierl, W 071247
Diesch, S L 065380
Diesch, S L 072486
Dieter, R 064855
Dieter, R 065111
Dieter, R 065114
Dieter, R 065964
Dieter, R 065966
Dietze, F W 066334
Dietze, J 068873
Digby, S T 065025
Dijkman, A van 067724
Dikaev, V IU 065338
Dikii, V V 070740
Dikov, G I 065683
Dilley, R A 068264
Dillon, J E 067884
Dillon, J E 071985
Dillon, W J 062779
Dilov, P 065981
Dilovski, M 065740
Dilsaver, W 063301
Dimeny, I 071462
Dimitri, L 069782
Dimitrijevic, B 069720
Dimitrov, A 065983
Dimitrov, D P 064238
Dimitrov, D P 064910
Dimitrov, I 065189
Dimitrov, K 065734
Dimitrov, S 069129
Dimitrova, D 065188
Dimock, A W 069493
Dimond, A E 069506
Dimov, G 063201
Dimov, G 063576
Dina, G 068493
Dina, G 072207
Dincer, B 063391
Dincheva, E 065728
Dindere, M 069166
Dinershtein, V I 071558
Dinescu, S 065085
Dinger, B E 067749
Dingle, H 070989
Dinius, L L 064419
Dinsmore, C S 069224
Dinther, J B M van 070445
Dinusson, W E 064783
Dirks, H J 062667
Dirr, M A 068369
Dishler, V IA 068139
Dishmankar, B S 067618
Diutin, K E 067232
Divo, M R 063227
Dixit, V K 063385
Dmitriev, A F 068721
Dmitrieva, N N 067999
Dmitrochenko, A P 064718
Doane, J F 071033
Doane, T H 063102
Dobbing, J 063262
Dobias, A 068507
Dobicki, A 064178
Dobicki, A 064186
Doboszynska, B 063476
Dobrev, V 065328
Dobrians'kyi, V S 072223
Dobronravova, E K 067505
Dobrzanski, B 066891
Dobsik, B 071159
Dobson, A T 066884
Dobson, R M 070567
Dodd, N J F 067300
Dodd, V A 072103
Dodge, J C 069191
Doekes, G J 067130
Doering, E J 072431
Doersch, R E 069744
Doersch, R E 069931
Dogadina, T V 066746
Doggett, C A 069521
Dohne, E 071538
Doi, Y 068686
Dokov, V K 064969
Dol'nikov, IU IA 065779
Dolatcis, J 066494
Dolejs, L 070759
Dolev, A 063961
Dolezal, O 064154
Dolezal, O 064336
Dolgikh, S T 067196
Dolgolikov, V I 066356
Dolgopolov, V G 066252
Doman, I 065550
Doman, N G 068097
Domans'kyi, A IA 064546
Domanski, A 065075
Domanski, E 064249
Domashevich, IU M 062365
Dominick, C B 070357
Dominick, R B 070950
Dominska, J 063209
Dominska, J 070745
Domitrov, P 065199
Domrachev, G P 066341
Domsch, K H 071740
Domsodi, M 072247
Donadini, J C 066804
Donahoo, M J 071194
Donaldson, D J 063196
Donaldson, G L 063234
Donaldson, G L 063732
Donaubauer, E 066151
Doncheva, V 068816
Donev, A 065704
Donev, A 065731
Donev, D 071679
Donita, N 066910
Donk, M A 066725
Donk, M A 066726
Donovan, L S 067934
Donovan, L S 071751
Doodson, J K 069534
Dooling, O J 070182
Doraiswamy, S 069332
Doraiswamy, S 069634
Doraiswamy, S 071786
Dormeier, G 062305
Dormling, I 067164
Dornhoff, G M 068783
Dorofeev, L D 062538
Dorogodin, V I 067342
Dorokhova, O A 063804
Doroshenko, A F 066349
Dorosiev, L 067170
Doroszlay, I 063600
Dorozhkin, N A 069344
Dorozhkin, N A 069833
Doshchinskaia, N V 067805
Doss, S H 063949
Dostal, D 066446
Dostal, I 067198
Dostalik, J 069613
Dott, H M 065026
Doty, H O 062585
Doty, H O 062773
Dotzenko, A D 068641
Dougherty, R M 065646
Doughri, A M 065522
Doughty, C C 069191
Doughty, R 062309
Douglas, A G 068767
Douglas, R T 072573
Douillard, R 063527
Doval, S L 070343
Dovas, C 069520
Dovlo, F E 063395
Dovzhenko, V K 071827
Dowlen, R P 063831
Downe, A E R 070785
Downes, R W 068575
Downey, R K 067097
Dozorov, IU V 064026
Dragland, S 068415
Dragnev, D 069800
Dragoev, P 062607
Dragoev, P 064913
Dragoni, I 063607
Draheim, G 062963
Drake, B 063250
Drake, B 063762
Drake, G L 063195
Drake, G L 063196
Drake, G L 063841
Drake, G L 063843
Drake, S R 063935
Drapeau, R 069270
Draper, M H 064477
Draproj, R 063785
Draskovic, M 062766
Draudt, H N 063643
Drawert, F 063716
Draycott, A P 069884
Drazan, J 065824
Drebber, L 062881
Dreier, A F 068782
Dreier, A F 068783
Dreier, H K 065174
Drepper, K 064762
Drescher, K 062502
Dressel, J 072231
Drews, E 063695
Drews, E 063697
Drews, E 063774
Drexl, H J 071584
Dreyer, D 065142
Dreyhaupt, F J 072613
Driedger, A 064849
Driedger, A 064851
Drienka, J 064578
Driessche, T V 067033
Drmskin, B P 069065
Drobozina, V P 070627
Drogalin, P V 068701
Drolsom, P N 067125
Dronova, T N 068719
Droon, J J 070701
Drosler, G 063556
Drouet, A 063994
Drozd, A M 067250
Drozd, J 071853
Drozdova, I S 068095
Drozdova, I S 068430
Drozdz, B 067542
Drucker, H 067433
Drucker, H 067434
Druijff, A H 069954
Drummond, J 064811
Drzazga, B 064001
Dsjuba, N 064153
Du Plessis, S F 072009
Du Preez, J J 064978
Dubacq, J P 067031
Dubacq, J P 067795
Dubalen, J 071594
Dubas, A 068790
Dube, R C 069346
Dube, R C 070336
Duben, Z 065247
Dubetz, S 067925
Dubey, B P 071971
Dubey, O P 071284
Dubiel, A 065176
Dubiel, A 065180
Dubiel, A 065181
Dubiel, A 065182
Dubina, N E 068856
Dubinchuk, L V 064022
Dubinin, N P 067348
Dubinskii, N A 072383
Dubis, J M 062432
Dubis, J M 064799
Dubniak, H 070365
Dubois, P 070891
Dubovoi, B L 065820
Dubravnicky, J 063765
Duckett, J G 070876
Duckett, J G 072535
Ducusin, A R 069870
Duczek, L J 069771
Duda, J 066665
Dudas, F 063883
Dudas, F 068827
Dudich, D 067176
Dudinskii, IA A 067895
Dudka, I A 066869
Dudnyk, V M 072223
Dufek, J 062801
Dufrasne, M 063918
Dugan, G L 072619
Dugan, L R 067674
Dugan, P R 067707
Duggan, J C 072014
Duhamel, P L 072452
Duich, J M 069549
Duitschaever, C L 063525
Duka, V I 072322
Dukes, P D 068106
Dukhanin, A A 072238
Dukhnov, V K 072275
Dul'gerov, A N 071827
Dul'tsev, D A 065792
Dulfer, E 062467
Dull, G 063935
Dull, R 066639
Dumont, B L 064295
Dunberg, A 068577
Duncan, E R 071801
Duncan, W G 067959
Dunin, M S 069060
Dunin, M S 069638
Duniway, J M 069472
Dunkenberger, J 064752
Dunn, H O 065029
Dunn, J M 062824
Dunn, T G 065078
Dunne, H W 065458
Duong, T B 063617
Duplan, J M 064181
Durand, J H 072369
Durandin, A I 068151
Duren, E 064714
Duriez, M M F 062755
During, L 063747
Durkee, E L 063956
Durkin, J 070363
Durrant, C T 068934
Durrieu, G 066813
Durrieu, G 069559
Durzan, D J 068559
Dushkin, V A 065757
Dusinski, C 062726
Dussault, J P 065918
Dustur, N N 062903
Duthion, C 067593
Dutil, P 072260
Dutko, M 065185
Dutra de Oliveira, J E 068259
Dutt, K 069526
Dutt, N 070879
Dutta, K K 069369
Duveen, D I 068940
Dvoracek, M 062227
Dvoracek, M 065206
Dvorak, M 065694
Dvorak, R 065693
Dvornik, J 071747
Dwarkanath, P K 064396
Dwiatkowski, J 065068
Dwivedi, B K 063387
Dworakowska, I 071115
Dworakowska, I 071116
Dyanat-Nejad, H 067414
Dybing, C D 068656
Dyduch, C 066541
Dye, G W 066506
Dyer, T A 067651
Dymnicki, E 065076
Dynarowicz, J 064251
Dyre, P 065243
Dyrendahl, S 064393
Dzedziulia, A A 066363
Dzeeva, V P 068503
Dzhaiani, G I 068590
Dzhambazov, G 065984
Dzhanabaev, T N 072208
Dzhankov, I 065697
Dzhankov, I 065760
Dzhankov, K 065732
Dzhaparidze, L A 071059
Dzharova, M 064109
Dzhemukhadze, K M 063417
Dzhilavian, Kh 065484
Dzhilavian, Kh A 065853
Dzhilavian, Kh A 065854
Dzhilavian, Kh A 066066
Dzhilavian, Kh A 066067
Dzhilavian, Kh A 066070
Dzhipina, S I 065839
Dzhmukhadze, N F 071383
Dzhumaey, M D 063138
Dzhumagulov, B A 068859
Dzhumyrko, S F 067512
Dzhusupov, K S 065678
Dziecioi, R 068243
Dziekonski, J 065944
Dzienia, S 068894
Dzienia, S 069854
Dziewolski, J 066268
Dziuzycki, L 065177
Dzizenko, Ak 068528
Dzjuba, G P 072148
Eaddy, D W 072155
Earl, D E 066083
Earle, A M 070808
Easley, W K 067681
Eason, R 064314
Easter, K W 062578
Easter, K W 072456
Easterbrook, J 062944
Eastin, J D 067958
Eastop, V F 070292
Eastop, V F 071024
Ebben, M H 069237
Ebendorff, W 066046
Eberhart, S A 067112
Eberle, G 066743
Ebermann, R 063981
Ebert, A 063009
Ebert, D 068665
Ebert, K 072025
Ebert, M 067800
Ebing, W 070689
Ebing, W 072510
Ebinuma, O 066459
Ebmer, P A W 071228
Ebner, L 070002
Ebrahim-Nesbat, F 069649
Ebrahimi, A G 069391
Ebrecht, A 065407
Eby, H J 072606
Echols, R M 068539
Eckart, D W 071783
Eckert, D 062868
Eckhardt, H 064217
Eckhoff, N D 066049
Eckmullner, O 066180
Ectors, F 064298
Ectors, F 065225
Eda, S 071346
Eddowes, M 070027
Eddy, C A 064443
Edel, W 063055
Edel, W 064044
Edelsten, D 063257
Eden, C 070926
Eder, A 063539
Edgerly, C G M 063562
Edgerton, L A 064428
Edgington, L V 069478
Edje, O T 067960
Edler, A 070635
Edler, A 071272
Edmonds, L D 064354
Ednie, A B 067427
Edwards, C J 069965
Edwards, C J 070053
Edwards, C J 070062
Edwards, C S 064067
Edwards, D G W 068520
Edwards, D L 067628
Edwards, N C 068767
Edwards, N C 068769
Edwards, N T 067559
Edwards, R A 063964
Edwards, R L 064824
Edwards, R L 071482
Eeckhout, W 064815
Efanov, N A 064539
Efimov, N P 068558
Egerszegi, S 071708
Egerszegi, S 072339
Egg, A H 071014

Eggers, W 062629
Eggitt, P W R 063759
Egiazarian, V I 069175
Egli, D B 067962
Eglite, G 068557
Egorov, V E 071917
Egorov, V V 071833
Egorov, V V 072269
Egorova, L S 067377
Egoshin, I S 066061
Egyed, M N 066039
Ehlig, C F 067957
Ehteshamuddin, A F M 063564
Eichelmann, H 064857
Eichenberger, W 067572
Eichenberger, W 067573
Eichler, D 069341
Eichler, D A 065526
Eichler, D A 065527
Eichler, D A 070611
Eichler, D A 070612
Eichler, W 070588
Eichler, W 070594
Eichner, K 063066
Eichner, K 063330
Eicken, A L 062145
Eickenbusch, J D 068354
Eiga, S 068549
Eiges, N S 067158
Eijk, A van 063356
Einor, L O 068330
Einset, J 068997
Einset, J W 063777
Eis, S 066387
Eis, S 068524
Eisele, G R 065611
Eisenmann, H 062271
Eisner, M 068407
Eisner, T 068407
Eizenberg, V T 068139
Ekern, A 064697
Ekkerman, N I 067989
Ekman, G 067164
Ekman, N V 070335
Eksuzian, A A 067687
El-Abbady, A M 063949
El-Abyad, M S 069254
El-Beik, A H A 071860
El-Din, A T 069763
El-Din, A T 069764
El-Gendy, A D 063949
El-Nawawy, A S 069763
El-Nawawy, A S 069764
El-Nochrashy, A S 064688
El-Nockrashy, A S 063409
El-Nockrashy, A S 063633
el-Omar, I u 067387
El-Tarras, M F M M 063463
El-Zeany, B A 063454
El-Zeftawi, B M 063901
El'kuni, Sh E 072157
El'mansi, M M 071884
El'nikov, I I 072121
Elagin, I N 068714
Elam, A B 072432
Elbein, A D 063756
Elema, H M 071606
Elezow, G 065176
Elezow, G 065179
Elezow, G 066008
Elgersma, O 068269
Elias, L G 063229
Eliseenko, N N 067362
Eliseeva, Z N 069706
Eliya, J 063518
Elleby, F 065054
Ellena, G 064821
Ellenbecker, M 069121
Ellenberger, F 068822
Ellertsen, B W 066154
Elliker, P R 063120
Elliker, P R 063626
Elliker, P R 063692
Elliot, J I 064654
Elliot, J I 064655
Elliot, J I 064656
Elliott, A H A 070034
Elliott, C G 067088
Elliott, C G 069264
Elliott, C R 067926
Elliott, D O 064809
Elliott, J G 070017
Elliott, J G 070039
Elliott, J G 070070
Elliott, J G 070075
Elliott, J G 070098
Elliott, N M 072448
Elliott, R 069140
Elliott, R E W 064212
Elliott, R E W 064213
Elliott, R E W 065309
Ellis, B E 067779
Ellis, J R 069246
Ellis, R W 066050
Ellsworth, J H 065391
Ellsworth, R K 068096
Elmstrom, G W 069815
Elmstrom, G W 069816
Elrod, J M 066188
Elsen, P 071328
Elsley, F W H 064696
Elwell, H M 070178
Elyakov, G B 068528
Elzainy, T A 067633
Emanuel, A 069054
Emanuel, A 072397
Emanuel, A 072398
Emden, H F van 070293
Emden, H F van 071025
Emel'ianov, N A 071667
Emel'ianova, G A 064022
Emery, R S 064411
Emery, R S 064426
Emilia, A 068493
Emmel, T C 071166
Emmet, A M 071182
Emmons, D B 064119
Emoto, T 067548
Empig, L T 067106
Emschermann, F 069812
Emtseva, I B 067896
En'ingi, K 067305
Enbergs, H 064572
Enchke, O 068258
Enchke, O 071993
Ende, B van den 072212
Endean, F 066388
Ender, F 064460
Enderlein, H 068665
Enders, B 065433
Endo, K 070946
Endo, R M 069766
Endo, T 066675
Ene, F 068186
Ene, F 068492
Ene, F 068494
Ene, I 069561
Ene, I 069562
Engalichev, N 066263
Engel, E 062349
Engel, H 069849
Engelbrecht, C M 071119
Engeler, W 064987
Engelhardt, E 066282
Engelhaupt, M E 068118
Engl, R 063071
Engl, R 063148
England, D H 069794
England, E C 070659
England, E C 070660
England, R J 065020
Engle, C F 071953
Engle, L M 067111
Engleitner, K 062844
Englisch, H G 064215
Engqvist, M 067684
Enigk, K 065655
Enigk, K 065663
Enomoto, M 067422
Ensminger, M E 064079
Enzell, C R 063713
Enzie, J V 069092
Epanchinov, A V 067991
Epanchinov, A V 071773
Epel'dimov, L S 065779
Eppright, E S 063280
Epps, E A 064741
Epstein, E 067038
Epstein, E 067830
Erb, C E 065018
Erb, D M 072181
Ercegovac, D 065377
Erdman, J W 063249
Erickson, A 063295
Erickson, A 063296
Erickson, D O 064783
Erickson, J R 066554
Erickson, M 066406
Eriksson, B 072258
Eriksson, S 064841
Eringis, K 072494
Erismann, K H 066673
Erkeev, M I 068484
Erlandson, J A 063952
Ermakov, A I 067605
Ermakov, A I 068178
Ermakova, M F 067218
Ermekov, M A 064928
Ermenkova, L 064981
Erno, H 065524
Ernst, L K 064240
Ernst, L K 065092
Ernstberger, A 063306
Erokhin, P I 064495
Ershad, D 069393
Ershov, I I 067256
Ertl, J 063023
Erzh, N I 065807
Es, A J H van 064906
Es, J H van 064691
Es'kov, P A 064885
Esaac, E G 070411
Esaliev, O 064530
Eschenbrenner, H 064874
Escobar L, G 064587
Escobar, E H 071890
Escobar, E H 071892
Escudero, S H 065057
Esdorn, I 068508
Esengaliev, T E 064527
Esengaliev, T E 065988
Eshel, A 067574
Eskin, N A M 063623
Eslami, A H 065623
Espejo Diaz, M 064999
Estler, M 068766
Estler, M 072289
Estrada E, G 063898
Estrina, F B 064029
Etchebarne, J 062990
Etchells, J L 063123
Etchells, J L 063124
Etholen, K 066326
Eto, M 070421
Etverk, I 066611
Eugenio, T S 068803
Euzeby, J 065437
Evans, C E 071988
Evans, C L 068797
Evans, D E 070406
Evans, D M 070095
Evans, G E 069130
Evans, H 071520
Evans, H J 067325
Evans, H J 068100
Evans, J V 065000
Evans, J W 064415
Evans, K O 068752
Evans, L E 068637
Evans, L K 071178
Evans, L V 067012
Evans, L V 067735
Evans, R B 063845
Evans, R J 068273
Evdokimov, S M 066063
Evert, R F 066939
Evert, R F 066941
Evert, R F 066942
Evert, R F 066943
Evert, R F 067024
Evert, R F 067552
Eves, J D 070699
Eves, J D 070871
Evison, L 072507
Evstigneeva, Z G 068347
Ewers, E 064650
Ewy, Z 064250
Exell, A W 066704
Ezell, D O 068962
Ezhov, V I 065484
Ezhov, V I 065845
Ezhov, V I 065846
Ezhov, V I 065848
Ezhov, V I 065850
Ezhov, V I 065852
Faas, K H 069195
Faassen, H G van 070724
Faassen, H G van 071870
Fabella, F P 065596
Fablonski, B 068889
Fadeev, IU N 070263
Fadeev, IU N 070303
Fader, W 071989
Fagala, L K 069961
Fagan, H J 069253
Fagel, G 071324
Fagioli, M 068145
Fagioli, M 071888
Fah, C S 063421
Fahmy, M H 064935
Fain, A 071328
Fairbairn, J W 067673
Faizutdinova, Z Sh 067504
Fajola, A O 069529
Fakhrzadegan, F 065623
Fakirova, V 066649
Falaschini, A 064485
Fales, R L 062289
Falinski, J B 066120
Falinski, J B 066888
Falke, H 072027
Falkenberg, H 064517
Faller, N 068031
Fam Van Chuk, 065744
Fang, M N 070399
Fang, S C 066050
Fang, S C 070230
Fankhauser, F 068479
Fanta, J 065174
Faramelli, N J 072517
Fargues, J 070433
Fargues, J 070843
Farkash, F 067177
Farley, J D 069458
Farley, J D 069676
Farley, R F 069884
Farnsworth, P 066990
Farquhar, R H 067966
Farr, C L 062679
Farrington, J W 072617
Farris, J S 066809
Farris, J W 064211
Farris, N P 069110
Faruqi, M A 069678
Farwell, E D 063642
Farzaliev, I A 065761
Fasko, J 065204
Fasko, J 065205
Fasold, H 064365
Fastabend, J A 066516
Fataliev, R A 066683
Fatima, F 067452
Fauconnier, B 065584
Faucounau, N 064339
Faust, J L 070525
Faust, M 069051
Favalora, V H 070809
Favarger, C 066696
Favier, J C 063225
Favier, J C 063690
Fayle, D C F 068518
Fazio, F M 063568
Fazio, F M 066130
Feast, P M 070226
Feaster, C V 068655
Feathers, D L 068935
Featherston, W R 064441
Fechner, G H 066329
Federer, C A 066105
Federico, L G 071894
Fedianina, L V 065553
Fedida, D V M 065467
Fedorov, IU N 065643
Fedorov, V S 067358
Fedorova, L V 062597
Fedorova, N A 068699
Fedorova, R V 066876
Fedoseev, I A 066253
Fedosov, N A 071036
Feher, E 069163
Fehr, P M 064721
Fehr, W R 067968
Feight, J J 072367
Feillet, P 063720
Feissler, H 068591
Fejes, J 064920
Fekete, G 066916
Fekete, G 068511
Fel'dman, N L 068183
Felch, R E 069775
Felch, R E 071801
Feldman-Muhsam, B 070926
Feldman, M W 067165
Feldman, N L 067859
Feldmann, J 067473
Felinski, L 064501
Felippe, G M 067450
Felker, P 068275
Fell, B F 064552
Fellin, D G 070535
Felsenstein, G 063936
Felsted, R L 071393
Felsted, R L 071395
Felsted, R L 071396
Fendig, A 068929
Fenelonova, T M 068002
Fenerich, F L 065638
Fennema, O 063628
Fenstra, W A 063852
Feofilov, V A 066250
Ferenz, H J 070853
Ferhat, S 070276
Ferhat, S 070373
Fermou, J 062340
Fernandez Caldas, E 068254
Fernandez Caldas, E 071737
Fernandez Caldas, E 072355
Fernandez, R 064497
Fernando, M A 064663
Fernando, M A 065447
Fernau, R C 065388
Fernau, W 062346
Ferrando, R 063223
Ferrando, R 064606
Ferrando, R 064627
Ferrari, T J 071868
Ferreira, P S F 071314
Ferreiro, E A 068056
Ferreiro, E A 071736
Ferri, S 064570
Ferris, C D 071205
Ferris, C D 071206
Fertig, S 065890
Fertig, S 065892
Fesenko, D A 067507
Fessl, L 066074
Feuerlein, W 072248
Feuge, R O 063753
Fevre, J 064939
Fevrier, R 064147
Feyerabend, G 070115
Ffolliott, P F 066313
Fiadotkina, A I 062456
Fiala, K 067773
Fick, G N 068772
Fick, G N 069432
Fickert, M 062345
Fiddler, W 063171
Fiedler, F 068591
Fiedler, H 064217
Fiedler, H 064218
Fiedler, J 065207
Fiedler, K 065227
Fiedler, R 067412
Fiedler, W 072570
Fiedorow, Z 069695
Fieldgate, D M 063157
Fife, C L 062537
Fife, C L 072430
Figura, K von 064395
Figurkin, B A 067722
Fil'chenko, V V 066324
Filar, J 064167
Filatov, A A 071795
Filatov, F I 068718
Filer, T H 066368
Filer, T H 069878
Filev, F D 065695
Filev, K 067203
Filho, A F 064454
Filimonov, M S 068717
Filip, Z 071897
Filipovic, I 064395
Filippenko, I M 067385
Filippov, D I 069067
Filkowa, B 072504
Filner, P 067710
Filonov, V B 068502
Fina, A L de 062154
Finch, S 070418
Finch, S 070499
Fincher, G T 065535
Findlay, D C 071912
Findlay, J K 064350
Findlay, W I 072005
Finison, B F 066325
Fink, G R 067709
Finke, K J 064225
Finkner, V C 068751
Finlay, K W 067132
Finlayson, M 065443
Finn, M A 065389
Finnegan, R J 070792
Finol Urdaneta, H 066274
Firace, S 064043
Firman, I D 069322
Firth, J E 066305
Fischbach, F A 069653
Fischer, G 062346
Fischer, L 063246
Fischman, D A 070803
Fischman, O 065429
Fisenko, V IU 068340
Fish, H 072514
Fish, H 072618
Fisher, E H 069744
Fisher, J E 066962
Fisher, J E 066963
Fisher, L J 064965
Fisher, N M 068977
Fishman, M 063378
Fisker, A N 063487
Fites, R C 069779
Fitko, R 065282
Fitko, R 065941
Fitz, D B 062663
Fitzhugh, H A 064211
Fitzhugh, H A 064509
Fitzhugh, H A 064510
Fitzhugh, H A 064511
Fitzhugh, H A 064512
Fitzhugh, H A 064852

Fitzhugh, H A Agricultural Experiment Station 064513
Fitzhugh, H A 065109
Fixer, Z 071633
Fjellberg, A 071265
Fjorningstad, H P 063534
Flad, M 062314
Flaisher, N M 071697
Flambert, C M F 063374
Flatt, W P 064697
Flegal, C J 062958
Fleischmann, G 062491
Fleischmann, G 069278
Fleischmann, G 069770
Fleming, E N 067027
Fleming, E N 069891
Fleming, H P 063123
Fleming, H P 063124
Fleming, S E 063757
Fletch, A L 065244
Fletcher, B S 070925
Fletcher, J S 068435
Fletcher, J T 069402
Fletcher, J T 069533
Fletcher, K E 070322
Fletcher, R A 068060
Flick, 065119
Fliege, F 069339
Flinchum, W T 070207
Flis, I 066126
Flis, J 066126
Flisinska-Bojanowska, A 064244
Floc'h, R 064332
Flora, N W 070368
Florent'ev, L IA 062927
Floru, S 063116
Floru, S 069385
Floru, S 070458
Floru, S 070707
Floss, H G 067629
Flux, D S 064432
Foden, P C 070015
Fogel', V T 068193
Fogel', V T 071938
Fogelfors, H 070214
Follett, R F 072431
Folscher, W J 071869
Folwell, R J 071700
Fomenko, L D 072217
Fomes, P 065593
Fomin, N D 064099
Fomin, P I 071984
Fomin, P I 072123
Fomina, O G 071984
Fomina, O G 072123
Fonseca, H 064012
Fontenil, R 062988
Fontes, A B 071316
Fontes, J C 063942
Foote, R H 064979
Foote, R H 065029
Foott, W H 070315
Foraker, R W 068818
Forbes, L J 066777
Forbes, L J 069120
Forbes, T J 064616
Forbes, T J 064617
Ford, J H 066971
Fordham, A J 069042
Forest, J C 068296
Forman, H J 064422
Forohlich, H 062347
Forrai, L 062639
Forrest, H S 070899
Forrest, J D 070061
Forrest, W 064032
Forsberg, R A 068609
Forsee, W T 063756
Forsingdal, K 063485
Forsingdal, K 063489
Forsling, M L 065021
Forss, K 066500
Forster, K 066766
Forster, U 065897
Forteath, G N R 069650
Forteath, G N R 070356
Fortescue, J A C 068521
Fortin, J A 069270
Fortunatov, I K 063163
Fortunik, F 071704
Fortushnyi, V O 065829
Fosbrooke, I H M 070291
Fosbrooke, I H M 071022
Fossard, R A De 067456
Foster, A E 068775
Foster, E M 063053
Foster, R K 071753
Fotaih, A 065336
Foulds, R T 066264
Fourcade, I 069328
Fowler, D B 067932
Fowler, J L 065388
Fox, D P 067099
Fox, G T J 072366
Fox, H M 063280
Fox, J G 065938
Foy, C L 067874
Foy, C L 067917
Fozzard, J T F 069257
Fozzer, F 072254
Frackowiak, B 068429
Frahm, H 063499
Fraikin, G IA 067831
Frampton, A R 062395
Franch, B 067485
Francia, E 071660
Francis, F J 063953
Francis, J 065714
Francis, R E 068849
Franck, D 070828
Franck, R 063076
Franck, R 070693
Franco, P T 063415
Francoise, J J 065009
Franek, M 071002
Frank, A B 066389
Frank, H K 063215
Frank, R M
Franke, G 066310
Franke, G 064861
Franke, H 072588
Frans, R E 071433
Frantz, A G 069941
Franz, G 064352
Franzke, C 062392
Franzke, C 063410
Fraser, A R 064081
Fraser, C G 066319
Fraser, C G 067475
Fraser, J C 067476
Fraser, J E 070435
Fraser, R S S 069758
Frazier, P J 069709
Frean, R T 063759
Fredeen, H T 069302
Frederick, D J 064959
Frederick, F 066563
Frederickson, J 069111
Frederiksen, J 070991
Frederiksen, J H 070813
Frederiksen, R A 064585
Frederiksen, R A 069557
Freeman, H A 070405
Freeman, I P 071204
Frei, R W 063381
Freire Vazquez, J 067636
Freitag, R 062685
Frelich, J 070786
French, A D 065089
French, C S 063825
French, J C 068104
French, N 070249
Frenhani, A A 070495
Frenyo, V 069547
Frese, K 069749
Freude, H 065900
Freude, H 071240
Freundlich, A 071250
Frey, A 064795
Frey, E 066767
Frey, E 063088
Frey, E 070695
Frey, K J 067119
Frey, K J 067341
Frey, W 067013
Freyman, S 064664
Freytag, P H 071137
Freyvogel, T A 071016
Frezzini, C 062564
Fridovich, I 064422
Friedl, F 070829
Friedl, V 066437
Friedman, L 063265
Friedman, M 063821
Friend, J 063396
Friend, M 070681
Fries, D 068011
Friesen, H A 070106
Friesen, H G 064353
Friess, H 065310
Friheden, J 070835
Frish, E V 066867
Frison, E 066822
Frison, R 063913
Fritsche, K 069801
Fritz, J 064864
Fritz, J 064865
Fritz, Z 064788
Fritz, Z 064789
Fritzsch, M 065127
Fritzsche, R 069082
Froehlich, D P 071662
Froelich, R C 069319
Frohberg, R C 068773
Frohlich, H 062888
Frohlich, H 068986
Frolich, M 063502
Froriep, S 072611
Frossard, P 069328
Frost, C 070041
Frost, D J 063446
Frota, P C E 069203
Frumkin, M L 063996
Fryc, J 065269
Frycek, A 068203
Fryer, B A 063280
Fuccillo, D A 065421
Fuchigami, L H 068576
Fuchs, H J 071425
Fuchs, P 065476
Fudenberg, H H 065426
Fuentes, A 065083
Fuentes, A 065293
Fujii, S 065260
Fujii, T 066455
Fujikawa, H 065537
Fujisaki, K 071046
Fujita, T 067670
Fukazawa, K 066980
Fukukawa, T 068924
Fukumoto, M 065669
Fukunaga, Y 066210
Fukuoka, H 067367
Fukushima, K 066210
Fuller, E S 063280
Fulton, N D 069247
Funakoshi, K 068919
Funk, A 069273
Funk, D 064372
Furman, H 062738
Furman, R W 066145
Furneaux, R W 065245
Furness, W 070055
Furnival, E P 064289
Furr, A 066015
Furr, A 070670
Furr, B J A 065020
Furrer, E 066911
Furtenbach, 063548
Furudoi, Y 068686
Furuhashi, K 068154
Furuhashi, K 068157
Furuhashi, T 063722
Furukawa, H 067672
Furukawa, J 068401
Furumaki, H 071469
Furusaka, C 071910
Fushimi, T 068620
Fushitani, M 066489
Fuska, J 067849
Fussi, F 064356
Fuths, H 064224
Fux, F 062841
Fuzeau-Braesch, S 070776
Fytizas, E 070447
Fytizas, E 071075
Gaal, M 064274
Gaastra, W 064366
Gabidullin, G Kh 065990
Gabidullin, V 062398
Gabiniewicz, J 065560
Gaborjanyi, R 069671
Gabriella, E 069054
Gabriella, E 072397
Gabrys, A 065877
Gad, A M 064688
Gadgil, V N 066976
Gadsby, C 067139
Gael', A G 071842
Gagel, K 071472
Gagel, K 071475
Gagliano, S M 072512
Gagnon, C 069270
Gaidarov, N 071674
Gaidukov, A Kh 065800
Gaidukov, E M 062372
Gaillon, P 062450
Gaivoronskii, V A 064884
Gajdacs, Gy 065470
Gajdos, M 065754
Gajdosik, M 064259
Gajdosik, M 064260
Gajek, D 068791
Gajewska, R 063467
Gajos, E 063213
Gajos, E 066167
Gajos, T 072439
Gajos, Z 069734
Gal'chenko, N P 064022
Galabov, A 065896
Galai, V S 067222
Gale, J S 067168
Gale, J S 067599
Galesloot, T 063508
Galewski, K 070999
Galitsina, V V 070264
Galkin, A V 063683
Gallagher, J E 065381
Galland, A 062540
Gallard, D 063442
Galle, L 066886
Gallegos, G 063228
Gallert, H 063590
Galli, E 063263
Galling, G 067449
Gallo, G G 065630
Gallon, G 063225
Gallon, G 063690
Gallon, G 062545
Gallwitz, K 065630
Galofre, E F 071733
Galstian, A Sh 069387
Galusinschi, A 068328
Gamaiunova, M S 070161
Gambarov, F A 063338
Gamble, W 065474
Gamcik, P 069610
Gamez, R 070308
Gamez, R 066659
Gamisans, J 064328
Gan, J C 066257
Gan, N P 066257
Gan, P A 064302
Gancevici, G 071678
Ganchev, G 068889
Gandecki, R 067555
Ganev, S I 071768
Ganev, S I 065498
Ganguli, J L 065027
Ganguli, N C 067488
Ganguly, S N 065737
Ganovski, D 065747
Ganovski, D 065427
Gantt, R 066354
Gaplevskii, B P 069663
Garagulia, A D 064238
Garanicheva, K 064910
Garanicheva, K 067394
Garay, A 064251
Garbulinski, T 067806
Garbuzova, V M 065002
Garcia C, R 071071
Garcia-Bellido, A 063415
Garcia, A C 063267
Garcia, E H 068426
Garcia, E H 068254
Garcia, V 065723
Gardiner, A C 062299
Gardner, B D 071766
Gardner, B R 062329
Gardner, K B 070808
Gardner, P J 062238
Gardner, R 069639
Garg, I D 067619
Garg, K N 071970
Garg, K P 070341
Gargav, V P 065422
Garhammer, M 066821
Garibova, L V 071845
Garifullin, F Sh 067371
Garina, K P 068182
Garina, K P 064421
Garner, C W 063521
Garnier, J 063893
Garretsen, F 070529
Garrett, P W 063382
Garrett, V H 064739
Garrigus, U S 063430
Garstka, I 065018
Garverick, H A 071802
Garwood, E A 067847
Gasanov, Z M 068409
Gasanov, Z M 067971
Gascho, G J 068011
Gaspar, T 063751
Gast, L E 063602
Gasztonyi, G 071931
Gata, G 071932
Gata, G 065622
Gatel, A 067416
Gatenbeck, S 063896
Gatzke, E 069014
Gatzke, E 069018
Gatzke, E 067229
Gauer, V A 069436
Gaunt, R E 066852
Gaussen, H 071439
Gavricenko, A I 067467
Gavrila, L 067468
Gavrila, L 065682
Gavrilov, A A 065747
Gavrilov, N 065680
Gavrilov, P P 072235
Gavrilova, V 067610
Gawad, D H 063286
Gawecki, K
Gawronska-Kuleszowa, A 072241
Gawrylarz, W 071478
Gay, K N 066189
Gay, N 064648
Gazimuddin, M 070715
Gdovinova, A 065475
Gebert, R 066912
Gecheva, G 070646
Gee, G W 068431
Gee, R W 065415
Geenen, J E E 068358
Geest, L P S van der 070870
Gego, A 071585
Gehlloff, R 063782
Gehrke, E 065117
Geissler, B 065121
Geissler, T 072031
Geiszler, G N 068776
Gejo, K 062621
Gel'o, S 067186
Geladze, D B 072132
Gels, J A 071471
Gemawat, P D 069354
Gemmer, H 065236
Gemmer, H 072498
Genchev, G 065730
Genigeorgis, C A 063167
Genis, V I 070741
Genkel, P A 068167
Genkel, P A 068485
Genkel', P A 068035
Genova, P 071680
Gensler, W J 068548
Gente, M 063434
Gentry, J B 070818
Geoffroy, R 068176
George, E J 066389
George, G 066890
George, J M 064950
George, J R 067884
George, J R 071985
George, W L 071487
Georgi, J R 065457
Georgiev, B 065981
Georgiev, B G 066060
Georgiev, G 065330
Georgiev, I 064909
Georgiev, M 065739
Georgiev, Zh 065334
Georgieva, R 065334
Georgieva, Y D 067915
Georgijew, E 068741
Georgoata, P 071686
Georgopoulos, S G 069520
Gerasenkov, B I 068832
Gerashchenko, G I 067502
Gerasimenko, I I 067811
Gerasimovich, B P 064538
Gerber, H 065920
Gerber, H A 065033
Gerchev, S 071678
Gercheva, L 071678
Geres, V 066004
Gergov, P 065741
Gerigk, K 063545
Gerlach, P 062155
Gerling, D 070933
Gerlow, A R 062586
Gerlow, A R 070209
Germann, D 066222
Germanova, L 065187
Germanova, L 065194
Germino, N I 064408
Gerov, K 065330
Gerov, K 065333
Gersch, M 070856
Gertenbach, J J 072257
Gerus, J 065360
Gerus, J 065368
Geshele, E E 069414
Gesto, M D V 067754
Gevorkyan, Ah G 068144
Geypens, M 069332
Geypens, M 069333
Geypens, M 069342
Geys, F M 063586
Gezer, A 066382
Ghabrial, S A 069707
Ghaffar, A 069459
Ghelfi Filho, H 068833
Gheorghita, M 064019
Gheorghita, M 064020
Gheorghiu, E 069645
Ghildiyal, M C 068315
Ghitescu, D 064302
Ghorashy, S R 063021

Ghose, T K 063425
Ghosh, A K 067267
Ghosh, K 071713
Ghosh, K 071714
Ghosh, P K 064404
Ghosh, S N 070812
Ghoshal, S P 065501
Giacomini, V 062184
Giacomini, V 072553
Giannakakis, A 070925
Giannetto, F 062154
Giannotti, J 069628
Giannotti, J 070443
Gibbs, P E 066861
Gibeault, V A 066807
Giberman, E 065476
Giberti, H 071526
Gichner, T 063714
Gichner, T 067913
Gidel, R 064199
Giefing, D 066539
Gienc, J 065953
Giesel, W 071808
Giess, M C 070749
Giessler, A 064149
Giessler, H 064078
Gifford, E M 068515
Gifford, G F 066862
Gihad, E A 064410
Gil P, A 063898
Gil'debrandt, N A 063803
Gil'manov, T G 071831
Gilani, A H 064407
Gilbert, A B 064286
Gilbert, E F 071045
Gilbert, G H 065240
Gilbert, H A 062211
Gilbert, R G 069477
Gilby, A R 070885
Gill, C C 062491
Gill, C C 069770
Gill, D M 064419
Gill, H S 065502
Gill, H S 069823
Gill, J L 064431
Gillespie, A W 070051
Gillespie, J H 065515
Gillespie, S M 062700
Gillet, R 063174
Gillett, G W 066697
Gillett, S D 070763
Gilliam, J W 072156
Gilliam, J W 072569
Gilliland, F R 070306
Gilliland, M G 067024
Gillingham, J T 066042
Gillingham, R S 064880
Gillis, A T 063623
Gillis, W A 064120
Gillman, G P 071742
Gilman, D F 067968
Gilmore, C J 067409
Gilo, A 065058
Gils, W F van 063673
Giltrap, D J 071835
Gimenez-Martin, G 067030
Gimenez, T 065002
Gimpel, J A 064320
Gindel, I 068555
Ginneken, C A M van 067568
Ginsburg, H J 064284
Ginsburg, H J 064425
Ginsburg, L 063910
Ginter, E 063255
Ginter, E 064786
Ginther, O J 064931
Ginzburg, B N 065871
Ginzinger, W 063153
Gipp, W F 064438
Girault, P 063006
Girdlestone, J N 062627
Giri, B K 069609
Giri, B K 070416
Giri, S R P 068730
Girschewski, H 065227
Gisi, U 069470
Giulimondi, G 072008
Givan, W D 062585
Givan, W D 062773
Givulescu, R 066638
Gizbrekht, IA IA 064496
Gizbrekht, IA IA 064831
Glae, J S 067167
Glancey, B M 070238
Glantz, P J 065448
Glascock, H R 066266
Glaser, O 063265
Glaser, T 069443
Glasser, R F 070026
Glasser, W G 066500
Glasziou, K T 067966
Glathe, H 065579
Glavan, P 068852
Glazunova, K P 066745
Gleason, F H 067708
Gleason, J 063978
Glebova, N A 064527
Glebova, N A 065988
Gledhill, B L 064347
Gleeson, A C 064644
Glen, A T 067460
Glen, A T 069266
Glianko, A K 068006
Glikman, M T 071439
Glikman, T S 067576
Glimp, H A 065013
Glimp, H A 065017
Glimp, H A 065934
Glod, W 065070
Glodeanu, C 069561
Glowacka-Pilot, B 070557
Gluck, P 066171
Glukhov, M I 065674
Glukhovtseva, N I 067263
Glukhovtseva, N I 072066
Glyzin, V I 067514
Glyzin, V I 067515
Gmur, B 071447
Gmyrek, D 070672
Gnanamurthy, P 072099
Gnauck, G 066900
Gnilitskaia, A B 068064
Goad, L J 067788
Gobl, F 068605
Gockler, L 071534
Godau, E 062387
Godau, E 063377
Godbersen, G W 063501
Goddard, H C 072521
Goded y Mur, A 064148
Godet, G 064818
Godfrey, C 066409
Goding, J R 064309
Goding, J R 064350
GoDlden, B 065936
Godyn, A 071485
Goel, L B 069370
Goeseels, P 062208
Goetze, N R 066807
Goffinet, R 062633
Goggans, J F 066612
Gogge, W 063068
Gogge, W 063331
Gogiia, V T 067782
Gogo, I 069462
Gohlich, H 071574
Gohlke, A 064217
Gohlke, A 064218
Gojmerac, W L 070592
Gojmerac, W L 070593
Gojniczek, B 069447
Gojniczek, B 069448
Gojniczek, B 069450
Goke, G 063326
Gokhtuni, N G 066630
Gol'din, M I 069706
Gol'dman, I L 065143
Gol'dman, I L 065173
Gol'dschtein, L E 069409
Gold, D B 063317
Gold, D B 067471
Golda, J 064242
Goldberg, D 068250
Goldspink, G 064288
Goldsteins, A 066494
Goldsworthy, G J 070900
Golebniak, B 069456
Golenia, A 067322
Golenia, A 069454
Golenia, A 069886
Golenia, A 069887
Golias, J 068293
Golik, K N 067983
Golikov, A N 065160
Golikov, A V 065785
Golinka, P I 068332
Golisch, G 068736
Gollifer, D E 069242
Golnik, W 065557
Golod, D S 068565
Golodriga, P IA 069174
Golovashchuk, Ah T 068699
Golovin, V S 063671
Golovina, A I 064747
Golovkin, N A 063683
Golovniak, IU D 063793
Golovniak, IU D 063802
Golubchenko, V F 072316
Golubev, V V 072320
Golubeva, Z F 063996
Gomes, I da P 071313
Gomez Castro, A G 064640
Gomez, I 070940
Gomez, I F 063807
Gomilla, J 062913
Gomilla, J 063111
Gonchar-Zaikin, P P 071923
Goncharenko, P A 072387
Goncharov, B P 072329
Goncharova, E A 068379
Goncharova, R I 071064
Gonet, Z 068893
Gontscharow, E 064153
Gonzalez Quinonis, R 063811
Gonzalez, J 063706
Gonzalez, L C 069580
Gonzalez, M D 063808
Good, N E 068275
Gooday, G 067652
Goodenough, J L 067956
Goodenough, P W 069241
Goodfellow, R D 070890
Gooding, E G B 064016
Gooding, H J 069312
Gooding, R H 070791
Goodland, R 066854
Goodwin, T W 067602
Goodwin, T W 067788
Gopal, B 067550
Gopal, P P S 067649
Gopalakrishnan, R 072085
Gopani, D D 067272
Goplen, S P 067624
Goplin, E D 063723
Goraka, A 063465
Goranov, I 064238
Goranov, I 064910
Goranov, Z 065331
Gorbarenko, N I 069665
Gorbulinskii, I M 065158
Gorchakova, G I 071056
Gorchakovskii, P L 066840
Gorcharuk, L G 070174
Gorchichko, G K 071922
Gordiichuk, A 072337
Gordiichuk, L 072337
Gordon, A 062757
Gordon, L Kh 067993
Gordon, R F 064173
Gorecki, K 070280
Gorecki, K 071408
Goren, E 065667
Gorev, G I 066345
Goriacheva, L O 072065
Goriachko, N I 062250
Gorianinova, I N 066874
Gorkopenko, F G 072392
Gorlach, A A 069550
Gorlanov, N A 068138
Gorlenko, M V 069841
Gorlenko, M V 070171
Gorlitz, H 072032
Gornat, B 068250
Gorokhov, B I 065164
Gorovits, M B 067528
Gorovits, T T 067523
Gorovits, T T 067529
Gorp, P V 069633
Gorrill, A D L 064119
Gorshkova, E I 064029
Gorski, P 070479
Gorton, A D T 063418
Gorton, A D T 069220
Goryshin, N I 071937
Gorzynski, M J 067731
Gosic, P G 063416
Gosselink, J G 072512
Gossler, R 065423
Goswami, U 068725
Goszczynska, K 070654
Gothe, R 071081
Gothilf, S 070614
Gothwal, B D 069355
Goto, H 065591
Gotoh, K 068690
Gotto, A M 064421
Gottschalk, A F 065430
Gouck, H K 070658
Gough, B M 063814
Gouhier, M 067308
Gould, A B 072525
Gould, J M 068275
Gould, W A 063097
Gould, W A 069103
Gould, W A 069814
Gould, W D 071866
Gouldbourn, R W J 063420
Goulden, B E 065950
Goulding, E J 069011
Gounot, A M 071904
Gouranton, J 069652
Gouranton, J 070358
Gourley, L M 068768
Gous, R M 064978
Goutefongea, R 063672
Goven, M J 072180
Govi, G 066592
Govinachari, T R 067609
Govinda, T A 063745
Govinda, T A 072096
Govindachari, T R 068543
Govindaswami, S 067267
Govindjee, P 067448
Gozdz, H 063637
Gozin, A A 067813
Grabchak, S L 063802
Grabouski, P H 068783
Grabovskii, S V 065869
Grabowski, R 065069
Grabowski, R 065076
Grabski, F 062559
Grachev, I I 071937
Gradel, G 063829
Gradusov, B P 071872
Graef, M 071567
Graeser, K 064054
Graf, G C 064427
Graf, T F 062641
Graf, T F 062642
Graffer, H 068785
Grafov, IUa 069401
Graham-Bryce, I J 070021
Graham, C O 063828
Graham, J V 062396
Grahlmann, B 062358
Graille, J 063460
Grainger, P E 069010
Grainger, V F 068972
Grajewska, P 065558
Gralewicz, S 064248
Grama, D P 069664
Gramatzki, F 064075
Gramling, G 064123
Grammatikati, O G 072400
Granados, R R 071066
Granat, J 065203
Grand, L F 069521
Granier, P 068822
Granieri, M 065408
Granquist, A 063762
Grant, B R 067477
Grant, C A 067111
Grant, T 064646
Grant, W W 063975
Grassmann, E 064903
Gratzl, J S 066500
Grau, F H 063042
Grau, F H 065418
Grau, I 067084
Graupner, H 064214
Grauslund, J 068350
Graves, D J 064317
Graves, D J 064318
Gray, A P 066049
Gray, C B J 067474
Gray, F 071857
Gray, L R 064017
Gray, M S 063753
Gray, R E 071172
Gray, T N 068943
Greaser, M L 063640
Greathouse, D C 067772
Grebeniuk, I IA 072314
Green, D H 070002
Green, G C 068983
Green, G J 062491
Green, G J 069286
Green, G J 069287
Green, G J 069770
Green, J H 068490
Green, J H 071055
Green, P P 062273
Greenaway, M A 065718
Greenaway, W 069240
Greenaway, W 069268
Greenberg, D A 069709
Greenfield, J 065448
Greenfield, J 065713
Greenshields, R N 063424
Greentree, W J 062248
Greentree, W J 066099
Greenway, J A 065713
Greenwood, C T 063767
Greenwood, E A N 071741
Greenwood, R F 063333
Greenwood, R M 066115
Greer, H 070180
Greer, H A L 068798
Gregg, W P 066823
Gregor, F 071121
Gregor, W W 066052
Gregory, K E 065013
Gregory, K E 065017
Gregory, K E 065934
Gregory, T A 062885
Gregory, W W 070730
Greig, J K 067340
Greig, J K 069046
Greiger, H 064120
Grekov, S D 071666
Grenet, N 064180
Grenet, N 064182
Grenetz, P S 068108
Greszta, J 066152
Greuter, W 066694
Grib, N I 068617
Grib, N I 071726
Gribble, D H 065907
Gribova, N I 064029
Gribovskaia, I F 067806
Grice, R E 070679
Griem, W 066021
Griess, O 066077
Griffin, N 062550
Griffiths, G P 069952
Griffiths, H B 066951
Griffiths, W 070029
Grifo, A P 065015
Grigor'ev, N V 062367
Grigor'eva, G A 067161
Grigor'eva, L N 067454
Grigor'eva, N N 067454
Grigorescu, R 070256
Grigorian, D T 067784
Grillo Torrado, J M 070286
Grimal'skii, V I 070543
Grimes, M 068627
Grimm, G R 069485
Grimm, H 063581
Grinberg, T A 067369
Grinenko, V V 068340
Grinenko, V V 068385
Grineva, G M 067404
Grinfel'd, E K 071060
Grinikh, L I 067161
Grinkevich, N I 067806
Grinval'd, K 067192
Grinval'd, K 067193
Griogoryan, Z D 068143
Grip, W J de 064326
Griperary, G 062255
Grisebach, H 067840
Grisenko, G V 069426
Grishaev, N E 065795
Grishanova, T F 068075
Grishanovich, A K 069833
Grishchenko, V M 067405
Grishin, G IA 067401
Gritsenko, I N 071036
Gritsenko, N M 064493
Gritsishin, I S 068338
Griuner, V S 063803
Grob, E C 067572
Grob, E C 067573
Grobe, D 071018
Grobov, O F 071390
Grodzinskii, D M 067581
Groebel, W 063061
Groenendal, J E 065666
Groenewegen, A N 062543
Grokhovskaia, I M 070629
Grollinger, Y 066278
Gromadzinski, A 072162
Gromkov, N 063201
Gromkov, N 063576
Gromova, B B O 069410
Groot, L D 064294
Gropp, J 064669
Gropp, J 066023
Grosch, W 064034
Grosclaude, F 064297
Grosev, G 071463
Grosheva, G A 065481
Grosheva, G A 065845
Gross, Y 069239
Grossbard, E 069987
Grosscurth, W 066335
Grosser, D 066624
Grossklaus, D 063184
Grossklaus, D 065226
Grosskopf, W 062229
Grosskopf, W 062653
Grossman, M 064995
Grossmann, H 066284
Grove, S N 067924
Grover, I S 070867
Grover, R 070229
Gruber, E 064013
Grubert, M 066932
Grubner, I 070672
Gruhn, K 064632
Gruhn, K 064635
Grumbach, F 065130
Grun, E 065281

Gruneberg, H 066291
Grunert, E 065184
Grunert, K S 064081
Grunow, J O 068828
Grunsell, C S G 066395
Grybauskiene, V 066828
Grynspan, A 062742
Gryza, Ah A 072379
Grzegorzak, A 064456
Grzyb, B 069735
Grzybowska, J 063848
Gsanger, H 062792
Gsanger, H G 062785
Guadagni, D G 063954
Guarnieri, C 064356
Gubanov, I A 066745
Gucwinska, H 064455
Gucwinski, A 065358
Gucwinski, A 065890
Gudelis, P 063730
Gudkin, A F 065345
Gudkov, I N 067802
Gudochkin, M V 066243
Guedes Rafael, A A 065617
Guedes Rafael, A A 070638
Gueguen, L 064292
Guergelt, C D 065397
Guevara Pozo, D 065627
Gugov, G 062516
Guha-Mukherjee, S 068052
Guha, H 065011
Guibot, A 063442
Guijuelos, S 063226
Guijuelos, S 064628
Guillaume, J 064623
Guillaume, J 064624
Guillaume, J 064686
Guillemjouan, C 063595
Guillet, L 062432
Guillet, L 064799
Guillot, A 063819
Guimaraes, J H 071134
Guimaraes, J H 071135
Guin, J J 071343
Guinee, P A M 063055
Guinee, P A M 064044
Guirgis, R A 063610
Guitian Ojea, F 071991
Guittonneau, G G 066632
Gukov, G V 066343
Gukov, G V 066352
Guliaev, B I 067982
Gullstrand, C 066857
Gulyas, S 067394
Gummesson, G 070210
Gummesson, G 070211
Gumnerov, S 065984
Gumowski, B 062436
Gumpel, H 063903
Gunatilaka, A A L 067539
Gunia, S 066199
Gunin, P D 066873
Gunin, P D 071829
Gunn, E 068974
Gunn, S D 065977
Gunnarsson, A 065650
Gunnarsson, O 072197
Gunnarsson, O 072605
Gunther, K D 064701
Gunther, K H 064051
Gunzl, L 066373
Gunzler, O 065210
Guppy, J C 070793
Guppy, J C 070795
Gupta, B K 063854
Gupta, B K 065499
Gupta, C K D 065504
Gupta, C K D 065506
Gupta, C P 071735
Gupta, D K 072081
Gupta, D R 062655
Gupta, D S 070452
Gupta, D S 070453
Gupta, D S 070462
Gupta, G K 069526
Gupta, I C 071798
Gupta, J N 064637
Gupta, J P 071297
Gupta, M R 070881
Gupta, P P 066969
Gupta, R B 066488
Gupta, R D 068661
Gupta, R K 066852
Gupta, R S 066764
Gupta, S 066976
Gupta, S C 069357
Gupta, S K 068734
Gupta, S K 070448
Gupta, V K 069251
Gupta, V K 071285
Gupta, V K 071289
Gur, A 068375
Gurba, S 070272
Gurbuchev, I 072264
Gurevich, S M 071977
Gurevitz, M 070918
Gurghis, S 064201
Gurieva, E L 071370
Gurskii, V V 066359
Gurtner, O 062475
Gusareva, E V 067801
Gusareva, E V 067803
Guseinov, E S 069419
Gusenleitner, J 071228
Gusenleitner, J 071241
Gusev, I F 067805
Gusev, N 062872
Gusev, N A 067579
Gusev, S A 069575
Guseva, A R 063997
Guseva, V M 067783
Gustafson, D 072360
Gustafsson, A 067164
Gustafsson, K G 068684
Gustafsson, K G 072053
Gustafsson, P O 065937
Gutezeit, B 069014
Gutezeit, B 069018
Guther, G 064041
Guther, G 064859
Gutierrez, J 070246
Gutierrez, J 070851
Gutierrez, R O 070286
Gutte, J O 064698
Gutte, J O 064699
Guy, E J 063300
Guy, P 067077
Guy, Y 071343
Guynn, G 071375
Guyon, G 062504
Guyon, G 072368
Guzhgulov, G 071676
Guzun, N I 067242
Gvati, C 062242
Gvinepadze, M Sh 069412
Gvozdev, V A 071041
Gyarmathy, E 064260
Gyles, C L 065448
Gymer, P T 067319
Gyurjan, I 068097
Haag, H P 067826
Haag, H P 068480
Haan, C T 072432
Haapala, O K 068360
Haas, F E 062955
Haas, G H de 064316
Haase, M 065236
Haase, M 072498
Haban, L 071951
Habeler, H 071236
Habeler, H 071242
Habeler, H 071245
Haberkorn, J P 062385
Haberman, E 068220
Haberman, E 069753
Habermann, H M 068013
Habibulla, M 070878
Habjorg, G V 069095
Habovstiak, J 068872
Habovstiak, J 072184
Habovstiak, J 072227
Hack, H 069957
Hack, K H 063588
Hackbarth, J 064780
Hackler, L R 063758
Hadani, A 071080
Haddock, R L 065637
Haddow, B C 070051
Hadert, H 063292
Hadlich, G 064859
Hadorn, H 063325
Haegele, M A 070681
Haerah, A 062712
Haeselbarth, E 071246
Hafez-Zedan, H 067421
Hafner, F 066511
Hafs, H D 064428
Hafs, H D 065014
Hagberg, A 068836
Hagberg, A 069149
Hagborg, W A F 062491
Hagborg, W A F 069770
Hagedorn, D J 069689
Hagedorn, W 071620
Hagemann, O 072032
Hagemann, P 067829
Hagenmaier, R 063958
Haggar, R J 070070
Hagihara, A 068553
Hagiladi, A 067439
Hagvar, E B 070980
Hagvar, S 070980
Hagvar, S 071257
Hahlbrock, K 067912
Hahn, F F 065905
Hahn, H 062253
Hahn, J 065113
Hahn, S 070676
Hahnefeld, H 065580
Haichenia, P A 069592
Haigh, M V 067798
Haigh, R 063002
Haigh, R 063189
Haiko, A A 065153
Hailey, J L 068314
Hainard, P 062161
Haines, W C 063032
Hair, B L 063176
Haisch, K H 062645
Haisch, K H 062723
Hajos, M 066610
Hakansson, J 064843
Hakansson, S 070210
Hakim, F 067673
Hakim, N F A 064729
Hakim, N F A 064730
Halasa, M 065692
Halasz, A 066434
Halbach, M 064365
Hale, C R 068235
Hale, C R 068444
Halevy, A H 068434
Haliuk, M Kh 072215
Halkilahti, M 062303
Hall, C F 065395
Hall, C V 068371
Hall, D M 063443
Hall, H H 062716
Hall, H H 062943
Hall, H S 062763
Hall, J K 070148
Hall, J K 072281
Hall, J R L 062341
Hall, J T 062453
Hall, J T 062590
Hall, M A 070020
Hall, P J 067903
Hall, W T K 065471
Halldin, L 063762
Halliday, D 063447
Halliday, D J 072048
Halliday, G J 065716
Halliwell, R S 069682
Halloin, J M 069501
Halpern, B 064338
Halter, A N 062551
Halter, A N 071648
Halushko, V H 071693
Hamada, T 064430
Hamamura, K 068842
Hambrook, J L 068093
Hambrook, J L 070723
Hamdy, B H 070941
Hamdy, M K 070519
Hameed, K M 067874
Hameed, S F 070346
Hamel, H D 071081
Hamid, A 070992
Hamilton, D F 068253
Hamilton, G J 066227
Hamilton, H A 072004
Hamlin, R L 064276
Hammett, R A 062615
Hammond, C O 071176
Hammond, J A 065321
Hammond, J B W 063977
Hammond, J J 068774
Hammons, R O 067291
Hamori, D 064930
Hamori, D 065948
Hampson, M C 069250
Han, K K 064332
Hanak, J 065693
Hancharova, R I 071063
Handler, J 065432
Handley, R P 069966
Hanganu, C 066129
Haninec, I 066430
Hanis, M 067279
Hanks, L F 066555
Hanna, J 065518
Hanna, J G 064049
Hanna, J G 070685
Hanna, R L 070403
Hannah, P R 072201
Hanrahan, J P 064977
Hansen-Delkeskamp, E 071070
Hansen, A W 063108
Hansen, D 068112
Hansen, H 063947
Hansen, K 063495
Hansen, K 063496
Hansen, L R 069466
Hansen, M 063771
Hansen, N G 064246
Hansen, N G 064247
Hansen, N G 064768
Hansen, R M 064665
Hansen, V 064793
Hanset, R 064296
Hanson, E W 069744
Hanson, F E 070916
Hanson, J R 067790
Hanson, L E 064733
Hanson, L E 064734
Hanson, R P 065510
Hanson, W L 065894
Hanus, H 071958
Hanuss, K 062971
Hanuss, K 069844
Hanzawa, M 066459
Hanzell, E E 067936
Hanzell, E F 067937
Hanzlicek, J 072186
Haq, M A 063948
Haq, M Y I 063564
Hara, H 066710
Harabin, Z 066136
Harabin, Z 066380
Harada, T 068397
Harahliad, Kh S 063666
Harahliad, Kh S 064887
Harahliad, Kh S 064890
Harber, S M 067702
Harbuz, M T 065099
Harcourt, D G 070794
Hardeman, Y H P 065971
Harding, F 063570
Harding, H 069283
Harding, W C 070362
Hardon, J J 067131
Hardon, J J 067565
Hardtl, H 066979
Hardtl, H 069626
Hardwick, D F 071156
Hardwick, D F 071157
Hardy, R 065716
Harel, E 068110
Harel, J 065428
Haremski, T 065574
Harfoot, C G 064315
Hargreaves, M W M 062152
Hargrove, S H 062939
Hargrove, S H 072559
Haridi, A M 070656
Harlan, J R 067111
Harmer, R 062843
Harmeyer, J 064573
Harmon, L G 063032
Harney, P M 066955
Harper, F 067920
Harper, J D 070936
Harper, R J 063828
Harper, R S 070189
Harper, W J 063388
Harper, W J 063389
Harries, H C 067126
Harrington, G N 070190
Harrington, R B 063627
Harris, C 069964
Harris, C E 064065
Harris, D C 069979
Harris, D C 069980
Harris, D G 072048
Harris, E D 069796
Harris, E D 070249
Harris, E D 070437
Harris, E D 070439
Harris, K F 069713
Harris, K F 070407
Harris, P 070294
Harris, P V 063622
Harris, R C 066728
Harris, R E 068298
Harris, R L N 068092
Harris, R R 064833
Harris, W M 067294
Harrison, B D 069651
Harrison, D J 070036
Harrison, D L 063624
Harrison, F A 064435
Harrison, F P 070362
Harrison, I R 070251
Harrison, K A 066732
Harrison, P 072523
Harrison, R 064322
Harrison, V L 062322
Hars, R 067033
Hart, I C 064432
Hart, I C 064433
Hart, M M 066048
Hart, M M 070734
Hart, M R 064017
Hartel, H 064753
Hartel, H 064759
Harten, A M van 067120
Hartig, F 065900
Hartigan, P J 065255
Hartkamp, H 072612
Hartley, B S 064312
Hartley, C W S 068800
Hartley, T G 066622
Hartmair, V 068405
Hartmair, V 069719
Hartman, R W 067324
Hartmann, C 063994
Hartmann, T 068131
Hartmann, T 068463
Hartmann, W 070117
Hartmanova, D 066433
Hartrath, H 068356
Hartwig, E E 068769
Hartwig, N L 070195
Hartzog, D 071988
Harvey, C W 063815
Harvey, H 062164
Harvey, R G 069744
Harwood, J L 067909
Has, Z 064188
Hasan, W 072083
Hasanenko, L S 069914
Haseba, T 067625
Haseba, T 067626
Hasegawa, P M 068942
Hashimoto, H 067418
Hashimoto, H 067419
Hashimoto, S 069463
Hashko, H P 071404
Hashko, H P 071405
Haskell, P T 070282
Haskell, P T 071003
Hassan, M M 067633
Hassan, S A 070520
Hastbacka, K 066517
Hastings, L 070786
Haswell, M 070009
Hatano, K 066371
Hatch, F W 062909
Hatch, F W 072538
Hatfield, E E 064739
Hatfield, E E 064740
Hatsukade, M 070601
Hatton, T T 063932
Haug, E 065263
Hauge, E 071261
Hauge, E 071263
Hauge, E 071270
Haugse, C N 064783
Hauptli, F 067035
Haurez, P 064798
Hauschild, A H W 063051
Hausdorfer, H D 066537
Hauser, R 071457
Haushofer, H 063980
Haushofer, H 064033
Hausmann, W 064179
Havas, N 062666
Havis, J R 069757
Havranek, W 068606
Havre, G N 064460
Hawkins, G E 064599
Hawlitzky, N 070846
Hay, M F 065026
Hayakawa, Y 064709
Hayakawa, Y 064710
Hayakawa, Y 068691
Hayashi, A 070239
Hayashi, A 070600
Hayashi, A 070601
Hayashi, D 066565
Hayashi, S 065669
Hayden, D W 066012
Hayes, D E 070609
Hayes, J 062852
Hayes, M H B 070231
Hayes, M H B 070232
Hayes, M H B 070679
Hayes, M H B 070720
Hayes, M H B 071956
Hayes, M H B 071957
Hayes, T J 065532
Hays, K L 064707
Hays, K L 070579
Hayter, A M 068048
Hayward, A H S 065521
Hazel, L N 064195
Hazen, K R 064642
Heacock, R A 067636
Heady, E O 062939

Heady, E O 072559
Heagle, A S 069498
Heaney, D P 064966
Heap, R B 064435
Heath, H 063345
Heathcote, G D 069694
Heather, W A 069255
Heaton, E K 063393
Hebb, R S 068949
Heber, U 068277
Hecht, M 065658
Hecker, H 071013
Hecker, H 071016
Hedjazi, M 065241
Hedrick, H B 064731
Heege, H J 071565
Heege, H J 071569
Heege, H J 071573
Heege, H J 071579
Heeschen, W 063500
Heffernon, U 065906
Heft, M E 062955
Hegarty, G R 063621
Hegarty, T W 067648
Hegazi, N A 071902
Hegazi, S M 063965
Heger, L 066192
Hegerova, E 065336
Hehne, E 064516
Heidrich, H 066289
Heidtmann, W 062219
Heikes, E 070201
Heikinheimo, L 066269
Heilmann, E 070828
Hein, E 064042
Hein, G 063361
Hein, V 071987
Heinke, I 064216
Heinke, I 065662
Heinke, I 066045
Heinz, S 064221
Heinz, S 065116
Heinze, H 065237
Heinze, H 067685
Heinze, H 071822
Heise, K P 068132
Heise, K P 068464
Heiskanen, V 066202
Heit, C E 067428
Heit, C E 067429
Hejma, J 066429
Hekmati, P 065241
Hekmatie, P 064341
Hel'o, S 068021
Helemszkij, M Z 063724
Helfman, R S 066145
Helgebostad, A 064460
Heller, D 064877
Hellickson, M A 071662
Hellin, J 067033
Hellum, A K 068526
Hellyer, L Agricultural Experiment Station 064807
Helmy, A K 068056
Helmy, M M 065371
Helwig, A J G 071605
Hemberg, T 067755
Hembree, S C 070609
Hemken, R W 064060
Hemmingsen, A M 070813
Hemmingsen, A M 070814
Hempel, K 069232
Hemstreet, J M 063827
Henckel, H 071432
Henderson, D R 062877
Henderson, H E 062956
Henderson, J W 065398
Henderson, P M 062942
Henderson, R G 069893
Henderson, S M 063380
Hendrik, A 063600
Hendrikson, K H 062923
Hendrix, J E 063843
Hendrysiak, T 070237
Henis, Y 067665
Henkel, A 071553
Henkel, H 064876
Henney, H R 067424
Hennig, A 064632
Hennig, A 064635
Hennig, A 064859
Hennig, U 064303
Henning, J 065433
Henning, W 063592
Henning, W 063593
Henry, N 064627
Henry, S E 069248
Hensler, W 066397
Hentrich, U 064081
Hentschel, D 064858
Henze, A 062846
Henze, A 065125
Heptner, B 065657
Herbek, J 068751
Herberg, H 062986
Herbert, H J 070423
Herbert, H J 070424
Herbert, J D 072420
Herbst, H G 064568
Herfs, A 071377
Herling, I E 065286
Herling, I E 065287
Herman, F R 066305
Herman, G 064331
Herman, IA B 069178
Hermann, R K 066123
Hermann, R K 066369
Hermansen, F 069033
Hermant, P 068672
Hermant, P 068808
Hermant, P 070187
Hermsen, J G T 067129
Hernandez Clavijo, L 063812
Hernandez Clavijo, L 066534
Hernandez L, A 068912
Hernandez Paz, M 070285
Hernandez Prado, A 065081
HernandezX, E 066583
Hernansaez, A 068946
Herner, R 062959
Herold, G 063183
Herold, H 069785
Herold, H Z 065219
Herold, I 064603
Heron, B K 062588
Herout, V 067542
Herr, J M 066944
Herregods, M 063904
Herregods, M 063905
Herregods, M 063915
Herrera, J 067771
Herring, H K 063621
Herrmann, F 070757
Herrmann, J 063408
Herrmann, K 063891
Herrmann, U 064303
Herron, R J 071419
Hershman, M J 072512
Hertel, W 063704
Hertveldt, L 070330
Hertzsch, V 063407
Herz, K O 063620
Herz, W 063921
Hesketh, J D 067967
Hesketh, J D 067969
Hesler, J C 072589
Hesse, H 071568
Hesse, H 071570
Heszky, L 067064
Heszky, L 067065
Hetzner, E 062647
Hetzner, E 062970
Heungens, A 071787
Heuterman, G A 068367
Hewitt, W B 069234
Heyndrickx, A 070703
Heyne, E G 067963
Hibbitt, C J 069983
Hibbitt, C J 070097
Hibino, H 069686
Hicklin, K W 064371
Hickman, C E 069183
Hickman, M 067644
Hidalgo, M A 065002
Hidiroglou, M 064293
Hidiroglou, M 064618
Hidskes, G G 063673
Hiele, F J H van 070024
Hietel, F 066174
Higaki, T 070141
Higgins, H G 071193
Highland, H A 070590
Higinbotham, N 067458
Higuchi, Y 070422
Hihara, H 065668
Hikino, H 067853
Hildebrand, A 071545
Hildebrandt, G 063581
Hildebrandt, H H 062485
Hildemann, G 062583
Hilderbrand, E S 067103
Hilderbrand, E S 069621
Hileman, L H 071994
Hiler, E A 068314
Hill, A T 064121
Hill, D 065038
Hill, H 064573
Hill, L D 071523
Hill, L D 071561
Hill, M M 063279
Hill, M O 066855
Hill, M O 066856
Hill, P 063658
Hill, W M 063166
Hillel, J 067165
Hiller, H H 064649
Hilliker, F 069169
Hills, F J 062861
Hills, F J 069684
Hills, M G 072048
Hilton, D J 071599
Hiltz, C V 062636
Himme, M V 070129
Himme, M van 070118
Hines, B 070367
Hing, L T 063423
Hinojosa, O 063826
Hinojosa, O 063837
Hintikka, V 068534
Hinz, V 062963
Hipolito, O 065232
Hirai, C 063620
Hirai, S 068554
Hirano, S 066490
Hiranpradit, H 067917
Hirata, K 068980
Hirata, K 071550
Hiratsuka, Y 067006
Hirayama, Y 068589
Hirko, M H 063846
Hironaka, R 064661
Hironaka, R 065917
Hiroyasu, T 063884
Hiroyasu, T 068399
Hirschmuller, H 063022
Hisada, S 068425
Hislop, E C 069238
Hitchcock, P L 065924
Hitomi, Y 068620
Hjorth, P 066036
Hladik, J 063477
Hladik, J 063519
Hladkov, S O 069914
Hlahol', V O 065098
Hnatenko, H V 065829
Hnep, V S 062602
Ho, K K 070241
Ho, K K 070576
Hoag, B K 068776
Hobson, G E 067133
Hocke, R 066215
Hockings, B 064774
Hodanova, D 068094
Hodara, M A 064395
Hodges, T K 068112
Hodgson, E 070603
Hodgson, P N 070061
Hodgson, R E 063523
Hodjat, S H 070354
Hodjat, S H 070464
Hodkinson, H D 070049
Hodkinson, H D 070063
Hodkinson, H D 070064
Hodler, M 067573
Hodneu, Ts M 067867
Hodrejarv, H 069608
Hodrejarv, U 069607
Hodrejarv, U 069608
Hoenig, R 063378
Hoenigsberg, H F 070866
Hofecker, G 064550
Hoff, J C 067105
Hoff, J E 063933
Hoffer, H 063554
Hoffman-Kakol, I 068895
Hoffman, G 063478
Hoffman, I 064346
Hoffman, L D 064828
Hoffmann-fezer, G 064571
Hoffmann, A E 066336
Hoffmann, B 064054
Hoffmann, L 064636
Hofirek, B 065974
Hoflich, G 071959
Hofmann, W 065914
Hofmann, W 071216
Hofsvang, T 070981
Hogan, J D 066415
Hogewoning, G 063911
Hogg, A 066016
Hoglund, C R 062536
Hoglund, C R 062953
Hoglund, C R 072566
Hohn, K 063313
Hohn, R B 065221
Hojer, R 063079
Hol'tsager, L A 069406
Holden, J H W 069146
Holden, M 067750
Holldobler, B 070928
Holligan, P M 067730
Hollingsworth, D 063261
Hollo, J 063479
Hollo, J 063514
Holloway, J W 064418
Hollstein, E 063410
Holly, K 069950
Holman, J 064255
Holman, J 070807
Holmen, H 072190
Holmes, C A 066552
Holmes, C M 063651
Holmes, C W 064287
Holmes, C W 072147
Holmes, H M 069958
Holmes, J C 072104
Holmes, J H G 064370
Holmes, J H G 064412
Holmes, J H G 065933
Holmes, K C 070805
Holmquist, K A 066857
Holroyd, J 070045
Holroyd, J 070098
Holt, C E 067152
Holt, H A 066191
Holt, V I 070816
Holthorn, E 070166
Holub, A 064349
Holub, A 064924
Holub, J 066895
Holub, M 067542
Holub, M 067543
Holub, N D 064505
Holub, N D 065101
Holzel, H 071243
Holzer, K 066399
Holzer, K 066401
Homb, T 064703
Homke, B von E 063510
Hommel, M 071309
Homolka, L 068827
Homsher, P J 070619
Homsher, P J 070943
Honczarenko, J 071000
Honda, A 072493
Honda, Y 063968
Honing, Y van der 064906
Honma, S 062959
Hooft, J I M Van 065539
Hoogerkamp, D 071607
Hoogstraal, H 070620
Hoogstraal, H 071201
Hoover, D M 062402
Hopkins, K L 069816
Hoppe, W 069724
Hoppe, W 069726
Hoppe, W 070412
Hoppe, W 070413
Hopper, M J 068128
Hopping, M E 068373
Hopwood, D A 067303
Horak, J 066025
Horak, J 066028
Horakova, A 066025
Horal', V M 067694
Horal', V M 067695
Horal', V M 070265
Horal', V M 070266
Horbarenko, M I 069659
Horbarenko, M I 069662
Hore, D E 065414
Hori, S 068152
Horie, S 063081
Horion, A 071227
Horion, A 071233
Horiuchi, T 068552
Horiuchi, T 069830
Horn, G W 064441
Horne, R D 066020
Horney, F D 064416
Horning, M J 070771
Horrill, A D 071769
Horst, H J 065184
Horstmann, J 067628
Horstmann, K 071185
Horstmann, K 071230
Hortobagyi, T 066605
Hortobagyi, T 066640
Horton, E W 067450
Horton, R D 068952
Horvath, F 063135
Horvath, F 070711
Horvath, J 065692
Horvath, M 069932
Horvath, M 069933
Horvath, Z 063045
Horvath, Z 071525
Horwitz, A F 063677
Horynava, L P 063666
Horynava, L P 064887
Hosbach, H A 071014
Hoseney, R C 063710
Hoser-Krauze, J 067145
Hoser-Krauze, J 067146
Hoshikawa, K 068614
Hoshizaki, T 068459
Hosman, L 064489
Hosman, L 064491
Hosman, L 064519
Hosokawa, S 067952
Hossain, A 070276
Hossenfelder, J 064767
Hostetler, R I 065875
Hostetler, R I 065876
Hostetler, R L 063663
Hostettmann, K 067541
Hou, S H F 063249
Houdeshell, J W 065968
Hough, J S 063394
Hough, J S 063736
Hov, T 071446
Hoviadin, V H 065168
Howard, A 067798
Howard, C M 069483
Howard, F O 070816
Howard, J W 063031
Howard, R L 067325
Howard, R L 068100
Howard, W T 062302
Howarth, B 065025
Howe, M 063095
Howell, G S 068238
Howells, D J 068093
Howells, D J 070723
Hoyer, J 062354
Hoyos, A 071739
Hoyt, C 062958
Hoyt, P B 067926
Hrabak, R 065824
Hrdy, I 070759
Hrebenchuk, O D 069423
Hrekov, V S 070632
Hricovsky, I 068292
Hristov, D 065980
Hrushans'kyi, O A 071949
Hruska, J F 071393
Hryb, M I 072224
Hrygor'eu, V P 068603
Hryshkin, P A 063846
Hsi, L T 062296
Hsieh, S C 067119
Hsieh, T M 063007
Hsieh, W C 066542
Hsu, D Y 072615
Hsu, F S 065397
Hsu, H T 069708
Hsu, H T 069711
Hsu, K C 064352
Hsu, S C 069495
Hsu, W F 062611
Hu, H Y 062297
Hu, M F 069159
Huang, C H 069907
Huang, C T 062326
Huang, M T 063749
Huang, Y S 070890
Hubalek, K 071707
Hubbard, D D 062938
Hubbard, D D 064226
Hubbard, D D 072556
Hubbard, J W 064824
Hubbeling, N 069631
Hubbert, W T 065458
Huber, A 062720
Hubinsky, J 071418
Hubl, B H 065425
Hubner, B 069785
Hubner, B 072028
Hubner, B 072029
Hubner, H 064455
Hubrig, T 065274
Huck, R A 065723
Huckett, H C 071222
Huczynski, B 068893
Hudec, K 064923
Hudeczek, F 066181
Hudz'-Horban', O P 070964
Huebner, F R 063707
Huffine, W W 070179
Huffmeier, H 062483
Huffmeier, H 071428
Hughes, B O 064283
Hughes, H M 068974
Hughes, H M 068975
Hughes, H M 068976
Hughes, H M 068978
Hughes, J E 069876
Hughes, N F 071023
Hughes, R G 069995
Huhn, U 064862
Huhn, U 064863
Huisman, A H 069331

Huismans, H 065826
Huizinga, J D 064366
Hulea, A 069386
Hulec, F 064489
Hulec, F 064491
Hull, J 062960
Huller, H 065281
Hulot, F 064943
Hulse, J H 063284
Hulse, W H 071783
Hulteberg, A 066533
Hultin, H O 063681
Hultkvist, L 072287
Hultman, H 065541
Humber, R A 067705
Humphrey, B E 070013
Humphreys, M O 067167
Hundeiker, M 064310
Hungerford, R D 066094
Hunkel, L 063308
Hunnius, W 062820
Hunnius, W 069079
Hunsigi, G 062531
Hunsigi, G 072086
Hunt, B J 064342
Hunt, E 072449
Hunter, B 064594
Hunter, E A 072104
Hunter, J S 072487
Hunter, P E 070582
Huntjens, J L M 071954
Huot, L 070571
Huque, H 070304
Huque, H 070372
Hurchanka, A S 071411
Hurghisiu, I 067846
Hurle, K 069999
Hurny, J 070270
Hurny, J 071406
Hurst, A 063056
Hurvell, B 065650
Hurwitz, S 064482
Husain, A 069207
Husain, A 069348
Husain, A 069377
Husain, S S 067592
Huss, J 066330
Hussain, A 067736
Hussain, A 069828
Hutchinson, F E 066267
Hutchinson, F E 069235
Hutchinson, F E 071990
Hutchinson, S A 067460
Hutchinson, S A 069266
Hutchison, M 065215
Huth, F W 064869
Hutt, F B 064925
Huttner, B 065652
Huttunen, T 066440
Huxley, P A 067464
Huynh, K L 066931
Huynh, K L 066950
Huyskes, J A 067079
Hvozdiak, R I 069590
Hvozdiak, R I 069592
Hyzik, J 063005
IAagus, V IU 067259
IAblochnik, L M 065856
IAblochnik, L M 065858
IAblochnik, L M 065859
IAblochnik, L M 065862
IAblochnik, L M 065870
IAblonskii, V A 065090
IAbolchnik, L M 065486
Iacob, M 070254
Iacob, M 070896
Iacob, N 070254
Iacob, N 070459
Iacob, N 070896
IAkhtenfel'd, P A 068711
IAkovlev, G P 066744
IAkovleva, L M 069593
IAkovleva, M E 072133
IAkubovich, R M 068500
IAkusheva, O V 066069
IAkushkina, N I 068151
IAnchilin, L V 063441
IAnchilin, L V 064092
Ianishlieva, N V 063468
IAnoshshi, A 067305
IAnovich, N I 071945
IAnushev, V V 071363
IAnushko, A D 066249
IAroshevich, E P 068565
IAroshevskaia, A S 067002
IAshina, I M 067205
IAshina, I M 067209
IAshina, I M 067210
IAshina, I M 067212
IAshina, I M 067227
IAshina, I M 069637
IAshina, I M 069819
IAsin'ska, Z 068763
IAtsenko, G K 065812
IAtskivs'kyi, L IU 071693
Iazlovetskii, I G 063999
IAzykova, K N 065807
Ibarra C, A 068374
Ibragimov, A P 068144
Ibragimov, E 065868
Ibragimov, E 066068
Ibragimov, E 066069
Ibragimova, M U 067501
Ichikawa, S 067299
Ichponani, J S 064720
Ida, S 068352
Idagawa, T 070419
Idagawa, T 070502
Idler, G 063363
IEvtenko, V H 071694
Iftikhar, N 067019
Igarashi, T 064176
Igielska, B 063469
Igielska, B 063470
Iglisch, I 071078
Igoshev, A D 070733
Iida, E 065939
Iida, K 065428
Iijima, Y 066457
Iizuka, J 069826
Ikamoto, S 064712
Ikeda, H 067548
Ikekawa, N 068593
Ikemoto, H 070312
Ikiukha, M P 064835
Ikonomov, L 063204
Ikonomova, A 064109
Ikram, M 067747
Ikushima, K 067658
Ikushima, K 067659
Il'chik, V I 062519
Il'ichev, A K 062381
Il'in, I R 071922
Il'in, V B 071899
Il'ina, L G 067261
Il'inskii, V V 071847
Il'inykh, L A 068583
Il'inykh, L A 071885
Ilca, I 064091
Ilert, H I 068131
Ilgner, J 064221
Ilgner, J 065116
Ilialetdinov, A N 071731
Iliescu, E 067382
Ill, O 064011
Illiev, S V 067974
Ilsley, P S 063402
Ilyas, M 068288
Imagawa, H 066982
Imai, K 065031
Imaizumi, E 064711
Imaizumi, E 064712
Imaizumi, S 067547
Imanishi, S 067301
Imaseki, H 068456
Imbamba, S K 068103
Imbs, B 062992
Imig, D 062189
Impekoven, M 064285
Imreh, E 063404
Imshenetskii, A A 071826
Imueller, W A 066529
Ina, H 068653
Inada, K 067951
Inada, Y 068593
Inagaki, I 068425
Inagaki, N 068397
Ingbar, S H 064351
Ingle, J 067333
Inglett, G E 063234
Inglett, G E 063732
Ingram, J 068973
Inkin, L A 072329
Ino, K 068081
Inoue, K 065591
Inoue, K 067834
Inoue, K 071048
Inoue, T 071007
Intuwong, O 068237
Iodkunas, R I 062919
Ionnaidis, N M 069509
Ionova, I 063205
Ionova, I 070736
Iordanov, M 062363
Iosif, S 068498
Iotov, I 063206
Iotov, I 065332
Iotov, Ii 065695
Iotov, M 065701
Iotov, N 066056
Iotov, N 070737
Iperti, G 070849
Iraidova, I S 070621
Ireland, H M M 068391
Irla, E 069089
Irla, E 072285
Irvine, D M 063525
Irwin, J H D 064111
Isaev, F Z 065761
Isaev, IA M 066687
Isaev, IA M 066688
Isaev, IA M 066848
Isaev, V I 066495
Isayama, K 065536
Isbandi, D 067314
Isbell, R F 071742
Isepy, I 066644
Ishag, H M 068045
Ishag, H M 068046
Ishibashi, I 064122
Ishibashi, T 063349
Ishida, K 068396
Ishida, S 066459
Ishida, S 066981
Ishida, S 066982
Ishiguro, O 063968
Ishii, H 063884
Ishii, K 067422
Ishii, M 069636
Ishii, R 068653
Ishikura, N 067679
Ishikura, N 067680
Ishizaka, S 068842
Isin, M M 069567
Iskandarov, S 067534
Iskenderov, G B 067527
Ismailov, Z F 067503
Isoda, T 070470
Israilov, I A 067533
Issa, E 069547
Issing, E 063313
Itabashi, M 065538
Itabisashi, T 064520
Itabisashi, T 064521
Ito, I 066847
Ito, P J 068969
Ito, T 064446
Ito, T 071400
Ito, Y 070467
Itoh, T 063383
IUdin, G A 065490
IUkhnin, A A 071843
IUkhnovets, S M 062252
IUkova, G S 068137
IUlanov, V P 069835
Iunin, A N 063684
IUrina, O V 067232
IUrkevich, I D 068565
IUrkevich, M S 066239
IUrkevich, V V 067716
Iurkevich, V V 067720
IUrkov, V M 065253
IUshin, O O 071694
IUsupov, M Z 068376
IUzlikaev, R D 065148
Ivan, M 069824
Ivanenko, B G 069418
Ivannikov, A I 071062
Ivanov, A F 068722
Ivanov, I 065702
Ivanov, I 065726
Ivanov, I C 067556
Ivanov, IU A 070650
Ivanov, L 063668
Ivanov, N 062951
Ivanov, N 064239
Ivanov, N 064574
Ivanov, N 064576
Ivanov, O A 069900
Ivanov, P 065202
Ivanov, P K 072270
Ivanov, P K 072328
Ivanov, S 063456
Ivanov, V K 068870
Ivanov, V M 068870
Ivanov, V T 068856
Ivanov, V V 066749
Ivanova, E B 069144
Ivanova, E I 062375
Ivanova, E I 062376
Ivanova, G B 070628
Ivanova, L N 067782
Ivanova, L S 063802
Ivanova, N N 067597
Ivanova, N P 065092
Ivanova, R G 070605
Ivanova, V S 065685
Ivarson, K C 071760
Ivashchenko, I I 070976
Ivashura, A I 065758
Iversen, T H 067020
Ivonin, V M 072297
Iwaasa, T 067418
Iwaasa, T 067419
Iwashita, T 063885
Iwata, T 068449
Iyatomi, K 070421
Iyer, P K R 065930
Iyer, T A G 063744
Iyer, T A G 072095
Izak, S 063596
Izak, S 064683
Izawa, S 068274
Izawa, S 068275
Izvorski, T 065187
Jaaska, V 067887
Jaaska, V 067890
Jabbar, R A 065006
Jabbir, M H 065544
Jablonski, B 068905
Jablonski, B 072340
Jacimovic, S 065687
Jacini, G 064038
Jack, R L 062782
Jackman, R 069141
Jacks, G 072426
Jackson, B P 066948
Jackson, E M 072419
Jackson, E M 072552
Jackson, J E 069012
Jackson, L K 070108
Jackson, M T 066213
Jackson, R 062482
Jackson, R B 067663
Jackson, R F 065398
Jackson, R L 064421
Jacob, C M 071564
Jacob, W 066230
Jacobi, G 068132
Jacobi, G 068464
Jacobs, J A 065252
Jacobson, N 063270
Jacobson, R E 067575
Jacoby, B 067918
Jacoby, B 068053
Jacoby, B 068432
Jacot-Guillarmod, A 067541
Jadhav, S J 063122
Jaeger, K 072045
Jaehne, G 062967
Jaffe, M J 068324
Jaffe, W 063227
Jafri, R H 070938
Jafri, S M H 066770
Jager, E J 066706
Jager, E J 066850
Jager, H H 063549
Jagirdar, S A P 072423
Jagnow, G 071905
Jagnow, G 071906
Jagos, P 065974
Jagsch, A 070564
Jahn, E 070526
Jahn, E 070766
Jahn, H R 063089
Jahn, H R 063090
Jahn, O L 063877
Jahn, O L 064018
Jain, N C 065392
Jain, N C 065534
Jain, S K 067975
Jain, T C 068039
Jakimova, J 072228
Jakimowa, J 068741
Jaksevica, M 067683
Jakubowski, A 063856
Jakubowski, A 063858
Jakubowski, A 063859
Jakubowski, A 063861
Jakubowski, K 065282
Jalal, S M 070708
Jambor, V 064589
Jambor, V 064590
James, G 062702
James, M T 071145
James, M T 071210
James, P E 072606
Jamet, J-p 062428
Jamontiene, M 066828
Jamriska, P 072230
Jamrog-Janicka, K 069699
Janac, K 071509
Janardhanan, K K 069377
Jandan, D Ma 072423
Janes, B E 068431
Janicek, G 063454
Janicek, G 063463
Jarnicki, J 063789
Jankaviciute, G 066828
Jankevicius, K 066828
Janko, F 063598
Janko, F 064142
Jankova, B 063480
Jankova, B 065376
Jankowiak, J 068790
Jankowski, F 069734
Jannaud, C 064196
Jannaud, C 071655
Janossy, A 066917
Janossy, A 067327
Janova, I 066427
Janowicz, K 065283
Janowicz, K 069854
Jansen-Herfeld, R 066465
Janssen, J G M 067742
Jansson, S L 072604
Jaramillo, D 064905
Jardine, N 066709
Jasinska-Lewandowska, S 065886
Jasinski, Z 065570
Jaskowski, Z 072177
Jasni, Z 062713
Jasnowska, J 066887
Jasnowski, M 066887
Jaswal, A S 063875
Jauert, R 072032
Javed, M A 067748
Javier Musalem L, F 066366
Javier Rodriguez Alcaide, J 062153
Javier, F B 063991
Javier, F B 063992
Jay, D L 070937
Jayaraj, S 069641
Jayaraj, S 070455
Jaycox, E R 071375
Jean, M 062740
Jean, M 072370
Jebautzke, W 064115
Jedlicka, J 064262
Jedrzak, L 065270
Jefferies, C J 070081
Jefferson, R N 069766
Jeffrey, D W 066860
Jeffrey, D W 072114
Jelem, H 066172
Jelenski, E 062604
Jelinek, K 072185
Jellinek, G 063060
Jellinek, G 063324
Jenkin, H M 065389
Jenkins, K J 064293
Jenkins, K J 064346
Jenkins, K J 064618
Jenkins, S F 068106
Jenkins, S H 072502
Jennings, D H 067667
Jennings, D H 067730
Jennings, H J 067475
Jennings, H J 067476
Jennings, R C 067770
Jensen, A 064994
Jensen, B 070814
Jensen, F 063044
Jensen, F G 062718
Jensen, G K 063490
Jensen, G K 063531
Jensen, H 063492
Jensen, H 063493
Jensen, S R 068213
Jensen, W 066024
Jentsch, C 062925
Jerabek, J 065824
Jeremiah, L A 070511
Jeremiah, L E 063661
Jerez, J A 065409
Jeris, J S 072016
Jerman, J 068850
Jerzak, M 062418
Jeschke, J L 072265
Jessop, J P 066722
Jethwa, K R 066948
Jeyarajan, R 069362
Jeyarajan, R 069374
Jezeski, J J 063118
Jezewski, Z 062194
Jezkova, D 064349
Jezkova, D 064924
Jezsov, V I 065546
Jhamaria, S L 069349
Ji, T H 067438
Jilaveanu, A 069644
Jimenez Diaz, R M 069231
Jindal, J K 069584
Jindal, J K 069585
Jindal, J K 069586
Jirousova, J 063477
Jochle, W 065002
Jochle, W 065033
Jodo, S 067940
Joffe, A Z 069536
Jogi, B S 062896

Johannlukens, E 063016
Johannsen, C I 071429
Johannsen, G B 063541
Johannsen, U 065949
Johansen, C A 070699
Johansen, C A 070871
Johansen, C A 070747
Johansen, C A 071415
Johansson, B 063250
Johansson, B 063762
Johansson, J 068499
Johansson, J 069167
Johansson, N 068170
Johansson, S M 069473
Johansson, V 064844
John, K 064013
John, K O 065396
John, K O 065893
John, L 062350
Johns, E W 064348
Johnson, A H 065391
Johnson, A J 070609
Johnson, D 071644
Johnson, D M 070815
Johnson, G A 070708
Johnson, G R 067104
Johnson, H C 063121
Johnson, J 072566
Johnson, J B 062551
Johnson, J L 062505
Johnson, J T 065921
Johnson, J W 069557
Johnson, J W 070405
Johnson, O 063164
Johnson, P N 066879
Johnson, P N 066880
Johnson, P N 066882
Johnson, P W 069768
Johnson, R 072204
Johnson, R B 070431
Johnson, R F 063830
Johnson, S S 062861
Johnson, T 063902
Johnson, T W 066757
Johnson, W A 071988
Johnsson, A 068102
Johnsson, T 069158
Johnston, D E 065258
Johnston, H S 064477
Johnston, R W 063031
Johnston, T H 069248
Jokantaite, T 063871
Jolie, H 070130
Jolles, P 064367
Jolliot, A 068461
Jolly, R D 065950
Jolly, R D 065976
Joly, P 070754
Jomon, K 067656
Jomon, K 067657
Jomon, K 067658
Jomon, K 067659
Jonas, D 065660
Jonas, H A 064350
Jones, D G 069267
Jones, D H 065398
Jones, D L 062210
Jones, E 062661
Jones, E E 066413
Jones, G D 068855
Jones, H C 068990
Jones, H C 068991
Jones, I M 069717
Jones, J D 064657
Jones, J P 069343
Jones, J P 071766
Jones, J P 072060
Jones, L G 072138
Jones, L H 067649
Jones, L H P 068128
Jones, L N 062288
Jones, M J 072020
Jones, P 071609
Jones, P 071617
Jones, P A 070385
Jones, P A 070386
Jones, R 067637
Jones, R 071806
Jones, R C 065024
Jones, R G 070051
Jones, R G W 068033
Jones, R K 071743
Jones, R M 065631
Jones, R W 067929
Jones, R W 068299
Jones, W W 062775
Jonescu, F 068908
Jong, S C 066738
Jonge, P de 069217
Jongeling, C 065132
Jongh, J H de 064745
Jonson, G 064569
Jonson, G 064787
Jonson, G 065963
Jonsson, G 065300
Jonsson, L 065937
Jordan, B R 067449
Jordan, E G 066991
Jordan, R K 064409
Jordan, W A 064965
Jordan, W R 068314
Jordovic, M 069720
Jorgensen, G 064246
Jorgensen, G 064247
Jorgensen, G 064768
Jorgensen, H 063532
Jorgensen, H 064668
Jorgensen, J H 067128
Jori, J I 071533
Joris, N 064581
Jose, H D 062735
Joseph, A 063225
Joseph, A 063690
Joseph, A N T 071360
Joseph, K J 071286
Joshi, B S 067610
Joshi, D C 064586
Joshi, H C 065254
Joshi, S N 067272
Joshi, S N 068731
Joshua, W D 071758
Josserand, N 066965
Jost, A 064938
Jotwani, M G 070342
Jouany, J P 064625
Jouany, J P 064626
Joubert, A J 069028
Joubert, G D 068662
Joudrier, P 067078
Jover, A 064306
Jowsey, J 065919
Joy, P J 071286
Joyce, J R 065318
Joyce, R J V 070284
Joyce, R J V 070698
Joye, N M 066484
Joza, K 071508
Joza, K 072233
Jozefaciuk, C 072294
Jozefik, M 069750
Juan, J T 066502
Julia, F 068801
Julia, J F 070369
July, J R 069701
Juma, K H 063518
Juma, K H 063611
Jung, H 064630
Jung, J 072231
Jungehulsing, H 062315
Jurajda, V 065825
Jurgensen, M F 071907
Jurkevich, I D 066594
Juska, A 071371
Justen, A 068848
Justiniano, M G 068085
Juszkiewicz, T 066504
Juszkiewicz, T 072565
Juva, K 072252
Kabakova, N M 067342
Kabanov, P G 068715
Kabanov, V V 068487
Kabanova, N A 071815
Kabaria, M M 067272
Kabaria, M M 068731
Kabashna, L V 069595
Kabashnikova, H I 068601
Kabelac, L P 065397
Kaburagi, J 066489
Kaczmarek, G 064501
Kaczmarek, U 069733
Kaden, V 065580
Kadhim, J K 065544
Kadooka, J Y 069490
Kadous, E A 069763
Kadyan, A S 070453
Kadyan, K S 070462
Kadymov, R A 065783
Kadysheva, A M 065843
Kadzaev, M B 072385
Kadzhia, G S 071362
Kadzielawa, K 064252
Kafarena, V I 072272
Kafer, E 067290
Kagabu, S 064122
Kagan, F I 065812
Kagan, F I 065854
Kageyama, H 066092
Kageyama, Y 065403
Kahan, A H 063750
Kahlon, A S 062384
Kahn, P 062688
Kahn, P 063247
Kahovcova, J 070806
Kainz, E 071701
Kaiser, H 065123
Kaiser, H F 066303
Kaiser, W J 069429
Kaiser, W J 069623
Kajihara, M 066236
Kajimoto, G 067877
Kajiura, J 063969
Kajjari, N B 067277
Kajjari, N B 069380
Kajjari, N B 070337
Kakhnovskaia, L T 071941
Kakkar, L 066934
Kakpakov, V T 071041
Kakuriia, Dzh V 069228
Kal', V I 071944
Kalam, J 067070
Kalam, J 067889
Kalashnikov, A F 066102
Kalashnikova, K V 068707
Kaldy, M S 064664
Kalenenko, I G 068698
Kalicki, H G 070809
Kalin, E W 068367
Kalina, J 071703
Kalina, M 066472
Kalina, S N 063804
Kalinichenko, R I 069606
Kalinichenko, V A 069576
Kalinin, A G 062575
Kalinin, F L 067692
Kalinin, F L 067984
Kalinin, F L 067990
Kalinin, IA D 071940
Kalinina, V R 072434
Kallel, H 064090
Kalman, R 072299
Kalmar, D 071776
Kalmykov, G S 072175
Kalode, M B 070348
Kaloianov, I 063577
Kaloianov, Zh 065738
Kalra, D S 065717
Kalra, S K 068437
Kalsi, P S 067611
Kaltani, T 069765
Kaltenbach, C C 065078
Kaltsikes, P J 067123
Kalustian, P 063413
Kalvoda, O 071531
Kam, M de 069314
Kamat, V N 067610
Kamdzelis, N 071675
Kameneva, E A 070160
Kameraz, A IA 067204
Kameraz, A IA 067225
Kameraz, A IA 069637
Kameraz, A IA 069818
Kamieniecki, F 066138
Kamieniecki, F 072601
Kamienska-Zyla, M 069725
Kamijima, O 067296
Kamimura, K 071007
Kamin'ski, S 064778
Kaminska, B 064795
Kaminski, E 071595
Kammerer, F X 063094
Kammerer, F X 063360
Kammerlehner, J 062165
Kammerlehner, J 063511
Kampe, W 070133
Kampelmacher, E K 063055
Kampelmacher, E K 064044
Kampf, H 063025
Kamprath, E J 071812
Kamprath, E J 072154
Kamra, O P 070897
Kamura, T 071811
Kamyszek, F 065566
Kanai, D 068842
Kanasu, M 071552
Kanaujia, R S 069535
Kandil, M 070691
Kaneko, Y 067419
Kanemasu, E T 067885
Kaneshiro, T 069587
Kanevskii, L G 066107
Kang, H S 064620
Kang, M S 069517
Kaniuga, Z 068429
Kanivets, V I 071879
Kanizsay, J 063141
Kant, R 066029
Kantack, B H 070385
Kantack, B H 070386
Kanwar, J S 062882
Kanwar, J S 062899
Kanwar, R S 068738
Kanygina, N E 069577
Kanzaki, T 063813
Kao, A H 071379
Kao, C 067848
Kapcsos, S 071401
Kapitanchuk, V A 066586
Kapitanchuk, V A 067583
Kaplan, J G 067631
Kaplan, J G 067632
Kaplunov, M M 062538
Kapoor, M L 072024
Kapoor, S P 069362
Kapoor, T R 070452
Kapp-Burzynska, Z 065561
Kappelman, A J 067115
Kappelman, A J 069305
Kapsa, E 067280
Kapul'tsevich, Yu G 067342
Kapul'tsevich, Yu G 067804
Kapur, M P 065717
Kar, J 072440
Kara-Murza, S G 063810
Karabalaev, U 071062
Karabaliev, I 065192
Karaban', R T 069835
Karadimitrov, D 071680
Karadzhov, I 065696
Karagyozova, M D 066972
Karai, J 071596
Karakis, K D 067986
Karamendin, O S 065679
Karataeva, S B 062593
Karavaeva, E N 067562
Karavaeva, E N 071770
Karavaeva, N A 071878
Karbachsch, M 072101
Karchi, Z 068044
Karchi, Z 072102
Karczewska, M 070488
Kardakov, V P 071414
Kardinalovskaia, R I 072135
Karg, H 063041
Karg, H 064377
Karg, H 064380
Karg, H 064629
Karg, H 064991
Kariya, A 063870
Karlsson, I 066319
Karlsson, L 071793
Karlyshev, O B 064884
Karner, E 062473
Karpenko, A V 070544
Karpiakowa, C 065176
Karpiakowa, C 065180
Karpov, A I E 071405
Karpov, E A 067041
Karpov, E A 067833
Karpova, G IA 067815
Karpova, O S 064716
Karptsov, N S 068600
Karpunin, M P 068750
Karput', I M 065809
Karsai, I 066917
Karschon, R 068588
Karsisto, K 072192
Kartel', N A 066364
Karunanayake, E H 063320
Karwowski, T 071595
Karzov, V F 068505
Karzova, V V 068505
Kas, J 063519
Kas'ianov, A N 065487
Kasahara, R 066442
Kasasian, L 070099
Kashtanov, N K 068531
Kasi Viswanathan, P R 070883
Kasim, A A 062244
Kasperbauer, M J 068111
Kassai, J 066435
Kassai, T 065544
Kassouny, M E 063253
Kasymov, A U 067511
Kasymov, Sh Z 067519
Kaszab, Z 071183
Kaszubkiewicz, C 065574
Kataoka, K 069395
Kataoka, N 063722
Kataria, O P 068744
Kates, M 068353
Kathju, S 067452
Katic, R 065687
Katiyar, O P 070341
Kato, Y 067536
Katran, V N 071449
Kats, D M 071788
Kats, D M 072378
Kats, D M 072408
Katsova, L B 065683
Kattwinkel, K H 065131
Kauffman, R G 065012
Kauffmann, G 066896
Kaufman, W R 070908
Kaufman, W R 070909
Kaufman, W R 070910
Kaufmann, F 071992
Kaufmann, H G 071992
Kauri-Paasuke, M 069909
Kauri-Paasuke, M 069910
Kaurov, I A 068538
Kaushal, P K 068729
Kaushik, C D 069604
Kaushik, S N 070453
Kaushik, S N 070462
Kautter, D A 063031
Kavalerchik, K M 062370
Kavats, G E 068139
Kaveh, D 068110
Kavka, M 064237
Kavka, M 071705
Kawabata, S 068690
Kawabata, T 063349
Kawaguchi, N 066449
Kawahara, T 066863
Kawakami, V 065670
Kawamae, M 063081
Kawamata, S 068217
Kawamura, K 066210
Kawamura, K 072438
Kawano, K 068674
Kawano, T 062612
Kawasaki, T 066668
Kawata, S 071972
Kawecki, Z 070496
Kawka, T 063428
Kay, M 064621
Kaz'min, G T 067355
Kazakov, E D 063691
Kazakov, E D 063780
Kazakov, V E 072316
Kazanfarova, V K 066983
Kazanskii, V D 068563
Kazarin, G V 065871
Kazimierska, E M 067147
Kazimierski, T 067147
Kazmierczak, T 063162
Kazmierczak, T 070726
Kazumov, N B 064006
Ke, P J 072567
Kearl, C D 062549
Kearney, B 062501
Keaster, A J 067103
Keaster, A J 069621
Keatley, J 069173
Keatley, J 069569
Kecskes, S 064604
Kedves, M 066915
Keefer, R F 069183
Keeler, R F 066044
Keeton, K S 065392
Keeton, K S 065534
Kefford, N P 068439
Keheles, IU S 072219
Kehr, K 066046
Keilanowski, J 064904
Keipi, K 066201
Keipi, K 072040
Kel'biev, N Sh 068028
Keldysh, M V 062182
Keleberda, T M 066162
Kellaway, R C 064646
Kelleher, J 064659
Keller, F 064365
Keller, H 067776
Keller, H W 066733
Keller, J 068667
Keller, T 066157
Kelling, R E 063123
Kelling, R E 063124
Kelly, D F 066395
Kelly, J C 069977
Kelly, P A 064353
Kelly, W C 068313
Kelov, D N 064231
Kelton, L A 071148
Kemenes, F 065470
Kemertelidze, E P 067508
Kemertelidze, E P 067529
Kemertelidze, E P 067531
Kemp, A 065970
Kemp, A 068280
Kemp, G E 065394
Kemp, R H 066320
Kemper, J D 068512
Kempf, M 064794
Kempf, W W 071317
Kempton, P E 066736
Kemter, H 063851
Kendir, H S 065183
Kendrick, B 066657
Kennedy, J M 069943
Kennedy, J S 070291
Kennedy, J S 071022

Kenneth, R 069239
Kenneweg, H 066159
Kenten, R H 069696
Kenyon, C J 066395
Keogh, J L 071994
Keogh, M K 063497
Keoseyan, S A 063054
Kepner, R E 063873
Kerbabaev, E B 070626
Keresztesi, B 066088
Kerimian, T 067739
Kerin, D 066149
Kerkadze, I G 067360
Kermertelidze, E P 067523
Kerr, A D 066614
Kerr, E A 068635
Kerr, E A 068636
Kerssen, M C 071511
Kersten, L 062771
Kertesz, J 063603
Keshisheva, G M 063999
Kesik, T 068901
Kesik, T 068910
Kesik, T 071963
Kessler, W 069903
Kesten, E 068911
Ketiku, A O 068392
Ketiku, A O 068393
Keuper, T V 063033
Keusch, F 067347
Key, L W 069498
Keys, A J 067651
Khachidze, O T 064005
Khakimov, A S 067260
Khaliava, M D 069570
Khalifa, H A 064619
Khalifa, M A 069764
Khalil, A H 064688
Khalilov, A G 065777
Khalilov, E Kh 066684
Khalique, M A 070372
Khalmatov, Kh Kh 069225
Khamidullin, B F 065797
Khan, A A 068109
Khan, A H 067286
Khan, A H 072109
Khan, A N 069253
Khan, A R 070337
Khan, J 068051
Khan, M A 064728
Khan, M A 066054
Khan, M A 067285
Khan, M A 070243
Khan, M A 070644
Khan, M A 070715
Khan, M I 067747
Khan, M I 068051
Khan, M I 068086
Khan, M I 068424
Khan, M N 067963
Khan, M S 070276
Khan, N 070276
Khan, N 070373
Khan, N R 067019
Khan, P A 068724
Khan, S A 067748
Khan, S H 067314
Khanin, M A 064528
Khanin, M A 065973
Khanina, Z P 063199
Khanna, K R 067274
Khanna, P 067613
Khanna, R 067906
Khanna, R S 065930
Kharagezov, M K 065816
Kharalambiev, Kh 065702
Kharchenko, L N 067585
Khare, M N 069499
Kharebava, L G 063417
Khareshov, Kh 071453
Kharole, M U 065932
Khasandzanov, K A 072134
Khashes, TS M 068567
Khashimov, Kh N 067506
Khatibi, N 062263
Khattak, S 063708
Khatypov, G F 064271
Khavkin, E E 067894
Khavkin, E E 068159
Khazanov, V S 067715
Khaziev, F 066600
Khaziev, F Kh 071845
Khazipov, N Z 065808
Khazova, I I 068189
Khelemskii, M Z 063795
Khelemskii, M Z 063804
Kher, M A 068305
Kheradnam, M 063021
Kherdekar, D N 071563
Khilik, L A 067815
Khlopeniuk, N G 062380
Khlopeniuk, N G 071589
Khlopenkova, L P 068483
Khlystov, L A 069061
Khmel'nitskii, G A 066065
Khmelevskaia, M A 070521
Khmelevskii, B N 064098
Kho, Y O 067564
Khodak, V A 068332
Khodzhiev, A KH 067998
Khodzhiev, A KH 068345
Khokhar, M T 070938
Khokhlova, V A 068484
Kholdash, Sh 064165
Kholodenko, N IA 068334
Kholodov, I IA 070647
Kholodova, V P 068162
Kholodovich, G V 065811
Kholupiak, K L 072347
Khorlin, A Ya 063678
Khosa, R L 067615
Khosla, A N 072393
Khosla, R K 069346
Khosla, R K 070336
Khosos, S F 069592
Khotyleva, L V 067349
Khoury, F Y 069475
Khoury, F Y 069872
Khovanskaia, N V 067872
Khovostova, V V 067163
Khrabrova, M A 067222
Khretonova, T I 068342
Khrianin, V N 067712
Khripko, S S 070152
Khristov, A 068815
Khristov, K 067141
Khristov, M 064106
Khristov, V 065197
Khristova, P 067141
Khristovich, L 062363
Khristozov, A 064105
Khristulas, F S 067528
Khudairi, A K 067757
Khudairi, A K 067758
Khurana, A D 070449
Khvorova, L S 063805
Kiakonu, P 067189
Kiaushas, I F 065815
Kichev, G K 064970
Kichigin, N M 071667
Kichina, V V 067254
Kido, H 065940
Kido, M 067944
Kiec, W 065035
Kieffer, N M 065110
Kielanowski, J 064702
Kielichowski, J 062750
Kien, J 070859
Kieninger, H 063717
Kiermeier, F 063214
Kiermeier, F 063216
Kiermeier, F 063504
Kiewnick, L 069339
Kiienchuk, O F 072471
Kiknadze, G S 067455
Kilbey, B J 067312
Kilby, P 062257
Kilby, W W 068769
Kilgour, D W 070074
Kilian, J 064220
Kilian, W 066172
Kilian, W 068541
Killing, H 063811
Killinger, O 069920
Kilomiiets',a P 067056
Kilomiiets',a P 071947
Kim, F N 068861
Kim, F N 068862
Kim, S F 064927
Kimball, N D 062464
Kimigafukuro, T 069299
Kimland, B 063713
Kimura, M 063081
Kind, H 063145
Kinderman, N B 070773
Kindiakov, V I 065844
Kindlmann, J 068147
King, A B S 070824
King, D A 070307
King, F R 063975
King, J E 069532
King, J M 070033
King, J W 069966
King, J W B 062631
King, N K 066317
King, R C 070773
King, R W 063334
King, R W 068452
King, T J 067538
Kingra, I S 068613
Kingra, I S 071968
Kinsella, J E 064399
Kinsey, J G 069523
Kintya, P K 067499
Kintya, P K 067526
Kintya, P K 068303
Kiplinger, D C 068246
Kiplinger, D C 069790
Kiprianova, D A 069839
Kir'yalov, N P 067509
Kir'yalov, N P 067522
Kiraly, Z 069671
Kirby, E J M 068047
Kirchgessner, M 064903
Kirchgessner, M 066010
Kirev, P 062817
Kiriatseva, O Kh 067985
Kirichenko, F G 067216
Kirik, N N 069399
Kirilenko, T S 066729
Kirilenko, T S 068071
Kirillov, L V 065762
Kirk, J 067463
Kirkpatrick, J 065250
Kirkpatrick, S M L 064478
Kirkwood, R C 069953
Kirkwood, R C 070019
Kirov, N 064105
Kirsanov, V A 068568
Kirschke, J 071579
Kisakurek, O R 070420
Kisczak, L 063638
Kisel', V 068885
Kiselev, G M 066246
Kiselyte, T 066828
Kishen, K 069346
Kishen, K 070336
Kishi, T 064122
Kishi, Z 070542
Kishko, I A H 071404
Kishko, I A H 071405
Kishkovskii, Z N 064024
Kishore, P 070345
Kiskey, F 064968
Kiskin, P Kh 070513
Kislins'kyi, M K 068199
Kiss, A 069936
Kiss, A 071718
Kiss, A S 071976
Kiss, L 062507
Kiss, M 065548
Kiss, M 065549
Kiss, P 063100
Kissler, J 069234
Kitagawa, Y 069710
Kitahara, S 067367
Kitajuma, E W 069681
Kitani, S 065538
Kitaoka, S 071046
Kitazawa, M 066450
Kitazawa, M 066451
Kitsno, V O 069570
Kivimae, A 064390
Kiyota, H 070470
Kizaev, A M 065340
Kizlowski, T T 066960
Kjaer, A 068213
Kjellstrand, A M 066857
Kjos, J 069834
Klackle, F 062960
Klackov, A N 071439
Klarman, W L 069497
Klaska, F 072251
Klatzmann, M J 062851
Klausen, F E 071271
Klausen, F E 071279
Klaushofer, H 063405
Klavina, G 068068
Kleczar, J 070480
Kleeman, F 064862
Kleemann, F 064863
Kleibel, A 063211
Klein, J 070583
Klein, K 062660
Klein, M P 063677
Klein, T 066380
Klein, W H 066271
Klein, W H 070549
Kleine-Natrop, H E 065279
Kleinhofs, A 067087
Kleinhofs, A 067907
Kleinsorge, W 070588
Kleinsorge, W 070594
Klekner, P 063604
Klets'kyi, L M 062459
Kliachko-Gurvich, G L 067588
Kliachko, A IU 066351
Kliejunas, J T 069530
Kliewer, W M 068236
Kliewer, W M 068242
Kligerman, I I 067042
Kligerman, I I 070501
Klimashevskii, E L 068333
Klimashevskii, E L 068341
Klimashevskii, E L 069789
Klimczak, Z 063274
Klimenko, Z K 067009
Klimes, B 065374
Klimesch, J 070967
Klimov, M G 068703
Klimov, V 066344
Klingauf, F 070522
Klingel, H 064582
Klinger, I 065616
Klinger, W 070672
Klingler, J 071033
Klingstrom, A E 069473
Klocek, A 066294
Klocek, F 062389
Klochko, M D 070962
Klock, M A 064598
Klock, M A 067067
Kloke, A 063067
Kloke, A 069802
Kloke, A 072511
Klopfer, U 069709
Klopper, W J 063311
Klos, T 062420
Klos, Z 065943
Klose, F 066219
Klose, W 067676
Kloskowska, A 066381
Kloss, R 063897
Klossowski, W 068466
Klotzli, F 066913
Kluepfel, D 070709
Klug, E 065237
Kluge, M 063510
Klungness, J H 066553
Klur, M 064627
Klusmann, D W 062486
Klusmann, D W 062799
Klyshev, L K 068348
Knabe, W 066096
Knabe, W 066160
Knabe, W 072526
Knake, R P 063028
Knauss, J F 069791
Knecht, G 065965
Kniaginichev, M I 063740
Kniazev, V A 063795
Knight, H D 066017
Knight, R A 064279
Knobloch, H 071640
Knoepfler, N B 063194
Knoll, K H 071357
Knoop, E 063529
Knori, L 064418
Knosel, D 068357
Knowles, C O 070597
Knowles, R P 069276
Knox, J S 066735
Knudsen, K C 072171
Knutsen, G 067759
Knutsen, G 067761
Knutson, R 062658
Knutson, R D 062699
Knutson, R D 064783
Knyshevskii, G V 066240
Ko, R C 070780
Ko, W H 069490
Ko, W H 069530
Kobayashi, A 068842
Kobayashi, H 067660
Kobayashi, K 070541
Kobayashi, K 070945
Kobayashi, K 072460
Koblet, R 067899
Koblet, W 072303
Koblmuller, E 066176
Koblos, J 071627
Kobrehel, K 063720
Koburger, J A 063126
Koburger, J A 063252
Kobylnyk, R W 070574
Kobylnyk, R W 070788
Koch, C B 066563
Koch, E 063379
Koch, J 063062
Koch, J 063063
Koch, J 063064
Koch, M 063230
Koch, V 064072
Koch, V 064161
Koch, W 070000
Kochba, J 068468
Kochenderfer, J N 068533
Kocher, H 070000
Kochetova, N I 071106
Kochinian, E A 068469
Kochinian, E A 068470
Kochmanov, V D 066254
Kock, T 069850
Koda, Y 065537
Kodanev, I M 068026
Kodmelwar, R V 069347
Koechlin, J 066964
Koehler, G 068669
Koehler, W 069860
Koehler, W 072576
Koelly, J C 064453
Koen, T J 072009
Koenig, P A 063194
Koepf, A 067412
Kofoed, S S 071598
Kogan, F D 067213
Kogan, F D 067215
Kohler, G 070772
Kohler, V 066445
Kohli, I S 065931
Kohli, J C 067611
Kohne, M 062584
Kohne, M 062847
Kohne, M 065134
Kohne, M 065140
Kohoutova, J 067544
Kohut, J 064058
Kohut, J 064059
Koichev, K 065331
Koike, T 064158
Koj, F 063862
Kojima, M 068455
Kokh, E 062269
Kokorev, IU M 068138
Kokoska, J 065089
Kol'tsov, A Kh 072188
Kolabskii, N A 065800
Kolabskii, N A 065820
Kolar, I 068212
Kolar, L 072597
Kolbach, P 063773
Koleff, W K 065656
Kolelishvili, D M 071979
Kolesova, E A 069839
Kolev, G 065733
Kolev, M 065726
Kolev, V 065730
Koleva, M 062471
Koli, S E 072107
Koliasa, M B 072223
Koller, G 064162
Kollmann, F 066461
Kollner, V 070473
Kolmakov, P P 070203
Kolmakov, P P 072310
Kolodziej, L 064087
Koloskova, A V 071844
Kolp, B J 067105
Kolte, S J 069643
Komarov, N M 065253
Komizerko, E I 068342
Komkova, M N 069070
Kommedahl, T 069494
Kommert, R 066471
Komorowski, A 065556
Kon, S 063954
Kon, S 063955
Konakahara, M 069827
Konakbaev, F S 065679
Konarski, W 065073
Konashevich, V A 069923
Kondra, Z P 067096
Kondrakhin, I P 064896
Kondrakhin, I P 065349
Kondrat'ev, V I 071921
Kondratenko, E S 067500
Kondratenko, E S 067511
Kondratenko, E S 067521
Kondratenko, V P 071696
Kondratiuk, V P 072323
Kondyreva, A V 063803
Konecny, L 066432
Konicek, R 065089
Konig, 062721
Konig, I 064863
Konig, I 065122
Konig, K H 062768
Konig, K H 064219
Konig, W 062648
Konings, J 063852
Kono, K 065223
Kono, M 068155
Kono, M 068174
Kono, M 068175
Kono, M 072461
Kono, T 070332
Kono, T 070333
Kononenko, A V 067372
Kononenko, L A 067053
Kononiuk, G IA 065816
Kononkov, P F 068410
Konoplev, E G 064240
Konovalov, I N 067590
Konovalov, I V 062596
Konovalov, S A 067784

Konrad, J 065693
Konrad, V 064684
Konrad, V 065923
Konstantinov, L K 068339
Konstantinov, M 071680
Konstantinova, A M 067353
Konstantinova, V I 068065
Konttinen, J 062818
Konvicka, O 068287
Koopman, J J 065970
Kopczynski, F 064089
Kopec, S 064184
Kopecek, T 068291
Kopecky, K E 065400
Kopf, E U 066225
Koppel, Z 065692
Koptelova, E K 063439
Korab, A 067922
Korcz, A 070482
Kordzinski, J 069732
Korematsu, H 069038
Koricheva, M A 064494
Koritala, S 063754
Koriyama, S 067853
Korlakowska, K 069731
Kornesku, A S 068383
Kornev, V R 062518
Kornev, V R 072063
Korneva, E I 067810
Korniiko, R O 069181
Kornilov, B E 065840
Korobeinikova, M Kh 067163
Korobitsyna, V A 067401
Korobko, O P 069589
Korobochkin, M I 071452
Korochkin, L I 071042
Korogvich, A N 071588
Korohoda, W 064364
Korolenko, M N 068719
Korolev, A V 071926
Korolev, V M 065864
Koroleva, V P 065486
Koroleva, V P 065861
Koroleva, V P 069571
Korsakoff, A 066786
Korshak, O L 064545
Kort, C A D de 070886
Kortnas, J 066708
Korunic, Z 070302
Korunov, V P 065808
Korver, O 063446
Kosar, J 064921
Kosaric, N 063617
Koscielska, M K 070551
Koscielska, M K 071001
Koscielska, M K 071282
Koscinski, F 062278
Kosciukiewicz, K 068411
Koseki, I 064488
Koseoglu, H 064936
Kosharov, A N 064750
Kosheleva, R V 065874
Koshy, T 070260
Kosik, J 071952
Koslinska, M 070271
Kosmacheva, L S 068007
Kosminkov, N E 065872
Kosmodem'yanskii, V N 067364
Kosova, L A 072405
Kossowski, E 072346
Kossuth, S V 066329
Kostadinov, M 062817
Kostecki, J 067338
Koster, E 063250
Kostin, I S 072405
Kostin, N F 072326
Kostornoi, A S 072390
Kostornoi, V F 068832
Kostov, P 065326
Kostromin, V M 070155
Kostrov, Y A 063807
Kostrowicki, J 062203
Kostrowicki, J 072586
Kostuch, R 064184
Kostuch, R 070216
Kostyk, P P 067245
Kosuge, N 068173
Kosugi, K 068305
Kosugi, K 068306
Kosugi, K 068401
Kosutzky, J 064401
Kosutzky, J 064402
Kot, Z 062560
Kota, B 071476
Kota, M 067879
Kotarski, W 062419
Kothari, S L 063522
Kothmann, M M 064847
Kotowski, K 065572
Kotowski, K 065610
Kotsur, N V 067983
Kotter, L 063038
Kotter, L 063243
Kotter, L 063594
Kottman, R M 062982
Kotvas, R 064258
Koubek, K 064580
Koudela, K 063180
Koudela, K 063208
Koudela, K 065642
Koudela, K 065823
Koukal, M 066425
Koutari, K 066275
Kova, J 064058
Kovac, J 064684
Kovac, J 065923
Kovac, L 064261
Kovac, L 064263
Kovac, M 064593
Kovacevic, 064256
Kovachev, I 071674
Kovachik, A 068181
Kovacs-Proszt, G 067447
Kovacs, F 065547
Kovacs, J 065264
Kovacs, L 066644
Kovacs, L 071537
Kovacs, S 069000
Kovacs, Z 066438
Koval, C F 069741
Koval, C F 069742
Koval, C F 069743
Koval'chuk, E O 065100
Koval'chuk, N S 065871
Koval'chuk, V I 071691
Kovalcik, K 064578
Kovalcik, T 064058
Kovalcik, T 064059
Kovalenko, A 068885
Kovalenko, G M 071557
Kovalenko, G M 072381
Kovalenko, I I 071593
Kovalenko, IA R 063019
Kovalenko, IA R 065491
Kovalenko, IA R 065643
Kovalenko, V F 065098
Kovalev, A G 066996
Kovalev, A G 068561
Kovalev, I P 067516
Kovaleva, N S 067720
Kovaleva, N S 067837
Kovaleva, N V 064022
Kovaleva, T K 070158
Kovanova, E S 067588
Kovda, V A 071834
Kovda, V A 072403
Kovel', P 062461
Kovsk, N V 071935
Kovtun, M A 064027
Kowal, J 068180
Kowalczyk, W 063426
Kowalinska, I 072240
Kowalinski, S 071853
Kowalska, C 069736
Kowalska, C 069737
Kowalski, D T 069431
Kowalski, M 066843
Kowalski, W 066887
Kowianska, E 063209
Kowianska, E 070745
Kownacka, M 071114
Kownacki, A 071114
Kownacki, M 065067
Koyama, T 068156
Koyama, T 072191
Kozel, P C 068246
Kozhaev, M A 071848
Kozhevnikov, A M 066250
Kozhina, I S 067489
Kozin, M A 072401
Kozina, L S 070152
Kozlik, A 070251
Kozlov, A S 064883
Kozlov, IU D 067262
Kozlova, A E 072262
Kozlova, L D 071920
Kozlova, L D 072312
Kozlovskaia, L K 062373
Kozlowski, A 062205
Kozlowski, S 062511
Kozminska, A 065556
Kozukue, N 063972
Kozynet ', M V 072472
Kozyreva, G T 067716
Kradel, J 063088
Kradel, J 070695
Kraft, H 065297
Krajicek, J 062324
Krajina, V J 066835
Krakevik, S 062351
Kral, E 065315
Kral, J 065247
Kral, M 065089
Krall, J L 064808
Krall, J L 064806
Krall, J L 064810
Kramer, A 063096
Kramer, K J 071395
Kramer, K J 071396
Kramer, Mrs M 063233
Kramer, W 070115
Krannich, V 065115
Krantz, G W 070751
Krasavina, M S 068166
Krasavina, M S 068481
Krasavina, M S 068482
Krasavtsev, O A 067587
Krasheninin, P F 063565
Krasil'nikova, S V 067723
Krasnikov, A F 062509
Krasnov, E A 067517
Krasnovksii, A A 067844
Krasucki, S 068789
Kratky, F 066013
Kratsch, H D 066330
Kratzer, D D 065010
Kratzsch, G 064057
Kratzsch, H 071543
Krauchanka, L U 068604
Kraus, W 062922
Krause, G F 065008
Krause, G H 068267
Krause, M R 068830
Krause, R A 069480
Kraushaar, R 063010
Krauss, G 063407
Krausse, G 063038
Krausse, G V 067179
Krausse, G V 067183
Krausse, G W 067081
Krausslich, H 065131
Krauz, V O 068165
Kravchenko, M A 071108
Kravchenko, V I 067215
Kravets, IA O 063802
Kravtsov, A A 069925
Kravtsova, B E 063741
Krebs, O 068668
Kreienbring, F 064634
Kreisel, H 071084
Krejzova, R 070240
Krekel, H 065897
Kremen, M 071309
Kremser, W 066221
Kremser, W 066332
Kreslavskii-Smirnov, G 070666
Kresse, J I 065387
Kretchman, D W 068420
Kretchman, D W 069675
Kretovich, V L 063781
Kretovich, V L 068168
Kretovich, V L 068347
Kretschmer, F J 063581
Kretsu, L G 068303
Kretzschmar, K 070569
Kreula, M 064503
Kreuzaler, F 067912
Krezel, R 068891
Krezel, R 068900
Krezel, R 068906
Krezlewicz, H 064902
Kriebel, W R 062696
Kriedemann, P E 068428
Krishan, R 062175
Krishna, K S 068984
Krishnamurthy, K 072079
Krishnamurthy, N 069202
Krishnamurti, K V 068073
Krishnan, R G 070253
Krishnasastry, K S 068190
Kristov, M A 066978
Kriuchkov, I I 065770
Krivenchuk, P E 067532
Kriventsov, IU M 064494
Kriventsov, V I 068336
Krivonosova, O V 065787
Krivosheina, N P 070819
Krivosheina, N P 071109
Krivtsov, N P 062594
Krizanova, H 065692
Krizek, D T 067655
Krmanski, J 064037
Krochert, G H 065129
Krochinski, IU 070645
Kroczynski, J 063175
Kroczynski, J 065571
Kroczynski, J 070290
Krojidlo, M 067544
Krol, M 068788
Krone, J 062963
Kronfeld, D S 064429
Kronfeld, D S 065912
Kronfuss, H 066147
Krook, L 064438
Krook, L 066323
Kroon, D M 071181
Kropf, D H 063624
Kropis, E P 069406
Kropp, J R 064418
Krot, L A 068538
Kroupova, V 064490
Krueckeberg, H F 063386
Kruger, E 065120
Kruger, W 062354
Kruglikov, A A 062382
Kruglova, E K 071720
Krukowski, W 065566
Krulikowski, L S 064499
Krumbein, W E 071908
Krummel, D 069023
Krupinsky, J M 069527
Krupnova, G F 067379
Kruse, E 071794
Kruska, P D 068818
Krustev, D 065199
Krut'ko, IU H 071696
Krutyporokh, F I 065168
Kruzhilin, A S 068337
Krynska, W 072445
Kryucheshnikova, A L 068166
Kryucheshnikova, A L 068481
Kryzhanovskaia, E Kh 064025
Kryzhko, V M 071695
Krzymuski, F 068886
Krzywicki, K 063637
Krzyzaniak, K 065271
Kshetrapal, S 066938
Ksiazek, D 069740
Ksiazek, J 069862
Kubasiewicz, M 064500
Kubatova, Z 071900
Kubiak, M 066539
Kubicek, K 071505
Kubikowski, P 064252
Kubin, G 065878
Kubli, E 071014
Kubota, J 064045
Kubsch, H I 065127
Kuc, J 069503
Kucaba, S 071774
Kucera, B 066479
Kucherbaev, Ch 065150
Kuchumova, L P 070334
Kuciel, J 064958
Kucsera, Gy 065470
Kuczynska, I 068206
Kuczynski, S 071626
Kudela, M 070164
Kudlac, E 065969
Kudlicka, K 062388
Kudlicka, K 063517
Kudravtseva, G V 064526
Kudriavets', V I 064544
Kudriavtsev, A A 064143
Kudriavtsev, A A 065928
Kudriavtseva, L A 064143
Kudzin, IU K 072220
Kuehn, J P 062603
Kuewk, X 065609
Kuhbauch, W 068208
Kuhfuss, K H 069232
Kuhlmey, K 064056
Kuhn, D N 067910
Kuhn, G 062350
Kuhn, K 064327
Kuhn, W 062178
Kuhne, F A 068983
Kuhne, K W 070831
Kuhr, I 067849
Kuipers, H 072249
Kuipers, S K 072513
Kuitert, L C 070434
Kukherji, S K 070705
Kuklin, A D 065163
Kukowski, T 070177
Kuksov, IU V 072433
Kul'bida, V V 067883
Kul'kov, P I 065152
Kulaev, I S 067838
Kulaev, I S 067860
Kulaeva, O N 068484
Kulakov, G M 066252
Kulandaivelu, R 072099
Kulasek, G 064473
Kulavskii, G P 065855
Kulenov, Sh S 064886
Kulgarina, N Z 064096
Kuliev, A M 067372
Kulieva, F B 067406
Kulik, N F 072274
Kulikov, N V 067562
Kulikov, N V 071770
Kulikov, V M 064717
Kulikovskii, A V 065804
Kulikowski, R 062292
Kulin, IA T 071063
Kulinich, A V 067801
Kulinich, A V 067803
Kulisiewicz, B 065282
Kulkarni, B G 067277
Kulkarni, B G 069380
Kulkarni, K R 072153
Kulkarni, S M 071292
Kull, U 067864
Kulp, K 063709
Kulshreshtha, S B 065499
Kulykovs'ka, M D 069596
Kumai, S 068621
Kumanov, B 071677
Kumanski, K P 071165
Kumar, D 068413
Kumar, K 071092
Kumar, N 072075
Kumar, P N 065492
Kumar, R 071969
Kumar, S 065499
Kumar, S 065500
Kumar, S 066485
Kumar, V 062503
Kumaraperumal, N 070350
Kumin, A 063354
Kuminskii, A N 065801
Kummerow, F A 063462
Kundiger, K 062304
Kundrat, J 062324
Kundu, G G 070345
Kunert, G 066287
Kunnle, T 071627
Kunz, R 070139
Kunzel, G 067302
Kuo, F L 069773
Kupchan, S M 067409
Kupchan, S M 067670
Kupchan, S M 067671
Kupeshev, Sh K 062455
Kupferschmied, H 065208
Kupper, U 065209
Kupper, W 064310
Kupper, W 064451
Kuptsou, M S 067055
Kuranov, IUf 065340
Kurashima, K 068174
Kurashima, K 068175
Kurashima, K 072461
Kurata, I 071441
Kurbatov, I 062469
Kurcera, L 067059
Kurecki, T 064243
Kurecko, J 064257
Kurganova, L N 068140
Kurganova, L N 068471
Kuribayashi, S 062562
Kurilenko, A N 065796
Kurilenko, A T 070150
Kuriyama, E 068349
Kurkina, V M 067994
Kurkova, E B 068164
Kurlowicz, M 064003
Kurlypo, M F 062380
Kurmanbekov, S K 064885
Kurnatowska, A 068896
Kurnik, E 067172
Kuroda, T 070541
Kuroda, T 070945
Kuronen, A 066202
Kurovcova, M 062488
Kurpios, M 064501
Kursa, J 064826
Kursa, J 065960
Kursa, J 065961
Kursa, J 065985
Kursanov, A L 067836
Kursanova, T A 067896
Kurski, B 065284
Kurtzman, C P 067005
Kurucz, E 063479
Kurylo, IU H 065106
Kurzhals, B 063922
Kurzweg, W 065276
Kusai, A 067442
Kushchenko, Z V 065681
Kushirenko, M D 068379
Kushner, Kh F 065172
Kushnirenko, M D 068383
Kushwaha, P S 072080
Kuster, E 063154
Kuster, E 071456
Kuster, E 072568
Kute, S B 072076
Kutsarov, S 065983
Kutter, H 071034

Kutter, H 071337
Kutter, H 071338
Kuusela, K 066197
Kuvaja, K 063271
Kuvshinnikov, I M 072124
Kuvshinnikov, I M 072126
Kuvshinnikov, I M 072130
Kuvshinnikov, I M 072132
Kuwada, K 071344
Kuz'min, G G 065790
Kuz'min, G S 065798
Kuz'min, I V 065857
Kuz'min, I V 065858
Kuzin, A M 068137
Kuzina, A M 067368
Kuznetsov, A P 072276
Kuznetsov, G 062338
Kuznetsov, M I 065776
Kuznetsov, N I 065172
Kuznetsov, N N 071255
Kuznetsov, N N 071365
Kuznetsov, N N 071367
Kuznetsov, P V 067252
Kuznetsov, V I 066873
Kuznetsov, V I 071829
Kuznetsova, E A 068218
Kuznetsova, E A 069938
Kuznetsova, G A 067492
Kuznetsova, G K 067715
Kuznetsova, L A 071668
Kuznetsova, M O 070964
Kuznetsova, S S 068025
Kuznetsova, T A 068327
Kuznetsova, V G 066341
Kvasnikov, B V 067246
Kvasnikov, E I 064022
Kvasnikov, E I 067369
Kviatkovskii, V N 065989
Kwasieborski, J 065053
Kwasieborski, J 065063
Kwialkowski, J 065074
Kwiatkowski, J 065076
Kwiecinski, F 067628
Kyle, L R 062965
Kynast, S 063546
Kyryk, M M 069570
L'Acqua, V 063606
La Chance, M 063120
La Chance, M 063626
La Vine, P 069234
Laanmae, V 064926
Laasasenaho, J 066203
Labhart, T 071409
Labie, C 064846
Labrecque, G C 070657
Labus, S 069099
Labutin, V G 064496
Labutin, V G 064831
Lacassagne, L 064290
Lacasse, N L 069813
Lachance, P A 063239
Lachance, P A 063249
Lachhammer, J 063182
Lachhammer, J 065296
Lacicowa, B 069457
Lacicowa, B 069853
Lackey, R T 067873
Lacki, J 064560
Lacki, J 065363
Lacob, M 070895
Lacob, N 070457
Lacombe, N 067478
Lacombe, R 071515
Lacoste, V 071018
Lacsina, R Q 069956
Lacuata, A Q 065285
Lacuata, A Q 065954
Ladan, P E 063670
Ladan, P E 064144
Ladanyi, S 063179
Ladanyi, S 064827
Lade, R 064571
LaDue, E L 062411
Ladygin, V G 067455
Ladyhin, V P 065103
Laetsch, W M 067772
Lafay, E 065288
Lafferty, D G 062623
Laflamme, L 064417
Lag, J 071792
Lai, P 064671
Laignelet, B 063720
Laird, M 070934
Laird, P P 069511
Lake, C T 069952
Lake, J R 069985
Lake, R L 069965
Lakhanpal, T N 069431
Lakhtanava, L I 068603
Lakshmi-Kumari, M 068123
Laktionov, A M 065485
Lal, B 062897
Lal, M S 068725
Lal, P 072232
Lal, P 072476
Lal, R 070342
Lal, S 067271
Lamacraft, R R 067132
Lamade, W 062788
Lamade, W 063849
Lamagat, J P 071855
Lamas, J M 065420
Lamb, R C 065147
Lamb, R C 069048
Lamb, R C 069049
Lambert, D F 062884
Lambert, G 065444
Lambert, J 066276
Lambert, J 068177
Lamberti, F 069806
Lamblard, J M 064204
Lamden, M P 063368
Lami, G 065265
Laminne, G de 063914
Lamkin, G H 063280
Lamond, M 066953
Lamothe, P 065918
Lamotte, R de 062932
Lampe, K J 062921
Lampert, H 062466
Lampo, P 065170
Lamusse, J P 063792
Lanca, I 071628
Lanca, J 062489
Lancaster, J L 070596
Lancaster, J L 071131
Lance, G N 066859
Lance,c 068281
Lancker, A V 062994
Land, R B 065032
Landa, V 071631
Landa, Z 066936
Landolt, E 066603
Landre, P 066927
Lang, A 063559
Lang, E 062293
Lang, F 063559
Lang, R D 072571
Lang, R W 072104
Lang, V 068208
Lange, E 064675
Lange, F 064056
Lange, H 066035
Lange, H 068260
Lange, W 066975
Langeluddeke, P 070003
Langenscheidt, M 070301
Langer, I 067200
Langford, S 068813
Langhe, E de 068012
Langholz, H J 065132
Langille, K R 067636
Langin, E J 068643
Langin, E J 068644
Langin, E J 068645
Langin, E J 068646
Langin, E J 068647
Langin, E J 068648
Langin, E J 071539
Langin, E J 072363
Langin, E J 072364
Langin, E J 072365
Langley, P A 070922
Langlois, N 067851
Langmo, R D 071648
Langvatn, H 062676
Lanyon, L E 064424
Lanza, G R 066825
Lanza, G R 072480
LaPage, W F

Lapenis, I 072608
Lapenko, O P 066062
Lapidovskii, K M 064838
Lapin, V R 072373
Lapinoja, V V M 067723
Lapins, P 066518
Lapinski, M 071741
Lapkin, A I 068017
Lappa, N V 063797
Lappa, N V 067694
LaPrade, J L 070265
Laptev, IU P 069893
Laptev, IU P 067206
Laptev, IU P 067207
Laptev, IU P 067211
Laptev, V N 072406
Lapwood, D H 069581
Larbier, M 064623
Larbier, M 064624
Larionov, P S 064747
Laroca, S 071011
Larpent, J P 067739
Larrouy, G 071349
Larsen, C T 065390
Larsen, D N Northeastern Forest Experiment Station 066556
Larsen, F E 069794
Larsen, F E 069188
Larsen, F E 069189
Larsen, F E 069190
Larsen, T A 062874
Larsen, T A 071771
Larson, F R 066307
Larson, L L 065029
Larson, M M 068525
Larson, P R 068582
Larson, S 068445
Larsson, B 063747
Larsson, S 066406
Larsson, S 070834
Lartaud, G 070112
Larzelere, H E 062958
Lasheen, A M 068364
Laskawy, G 064034
Laskowski, S 068888
Laskowski, S 068894
Laskowski, S 068895
Lasley, J F 065008
Lasselain, M J 064337
Lasselain, M J 067470
Last, F T 069237
Last, H 071330
Laster, D B 065013
Laster, D B 065017
Laster, D B 065934
Lasztity, R 063050
Latif, A 063612
Latif, A 063613
Latvietis, J 064452
Laudani, H 070590
Laudowicz, A 062438
Laulhere, J P 068177
Launay, B 063764
Laundon, G F 066647
Laundon, G F 069265
Laundrie, J F 066553
Laura, M P 067379
Laura, R D 071777
Laurentowski, H 062279
Lauterbach, K E 071191
Lauvergne, J J 064942
Lavandier, P 066619
Lavchenko, E G 065762
Lavender, D P 066369
Laville, E 069328
Lavon, U 065030
Lavranos, J J 066721
Lavranos, J J 066724
Lavrova, I P 070631
Lavrova, I P 070961
Law, D A 072350
Law, J H 071393
Law, J H 071395
Law, J H 071396
Law, S W T 068633
Lawler, F K 063080
Lawler, J V 062585
Lawler, J V 062773
Lawlor, D W 068078
Lawlor, M D 062566
Lawrence, G D 068096
Lawrence, M J 067167
Lawrence, M J 067168
Lawrence, M J 067599
Lawrence, R F 071132
Lawrence, R V 066484
Lawrence, T 068049
Lawrence, T L J 064615
Lawrence, T L J 064622
Lawson, A A 066298
Lawson, H M 069976
Lawson, H M 070032
Lawson, H M 070090
Lawton, J H 070990
Lay, A 064031
Layrisse, M 063227
Lazar, G 067394
Lazar, J 064058
Lazar, J 064684
Lazar, J 065923
Lazar, V A 064045
Lazarev, S G 068618
Lazarev, S G 071727
Lazarov, I 064574
Lazo, F D 063993
Lazurskii, A V 072135
Le Bras, S 070606
Le Corre, L 067900
Le Mao, M 067900
Le Tourneau, D J 063874
Le, K K 068157
Leach, C E 070929
Leach, L C 066720
Leach, M 063264
Leaf, C F 072466
Leakey, C L A 067124
Leakey, C L A 069583
Leakey, R R B 067465
Leakey, R R B 067466
Leakey, R R B 070103
Leal Garcia, J E 063810
Leamon, K C 069006
Lebas, F 064133
Lebedev, P T 065339
Lebedev, S I 067985
Lebedeva, O P 070960
Lebedinskii, V V 066258
Lebel, J 062563
Lebel, J 071657
Lebelt, W 066535
Lebiedieva, O P 070964
Leblon, G 067309
Lebreton, P 072489
Lebsock, K L 067102
Lebsock, K L 068777
Lecce, J G 064439
Lecce, J G 064440
Lecher, K 072441
Lechowicz, M J 067560
Ledec, M 064401
Ledec, M 064402
Ledelboer, F B 068219
Leder, K H 063503
Ledig, G 070797
Ledochowska, E 063465
Leduc, R 063158
Leduc, R 070721
LeDuy, A 067420
Lee, C P 064319
Lee, H S 070428
Lee, H Y 064361
Lee, J 067123
Lee, K H 067672
Lee, K K 068154
Lee, K M 065515
Lee, N P 069293
Lee, R K S 066829
Lee, S S 070230
Lee, S S 071142
Leegwater, D C 063445
Leek, R G 064279
Leenders, H J 070799
Lees, D R 070876
Lees, D R 072535
Lefevre-Witier, P 071349
Lefevre, A 062557
Lefevre, R 072444
Lefkovitch, L P 071157
Lege, F M 062719
Legendre, 1 067638
Leggett, J E 067962
Leglise, P C 064939
Legner, E F 071221
Legris, P 066852
Legros, R 063784
Lehmann, G 063242
Lehmann, H 069023
Lehmann, I 064819
Lehmkuhl, D M 071151
Lehnert, E 065661
Lehrer, W 067135
Leibetseder, J 066005
Leibholz, J 064620
Leidl, W 065135
Leigh-Dugmore, F A 063759
Leigh, J B 070805
Leiman, Z A 068530
Leinonen, E 066200
Leins, P 066930
Leipner, W 063773
Leipnitz, W 064676
Leischner, T G 071154
Leiser, A T 068512
Leistner, L 063217
Leistritz, F L 062547
Leitgeb, S 071902
Lejeune, P 064868
Lejina, B 072141
Lekander, B 070860
Lekhnovich, V S 069058
Lelarge, N 069718
Lele, U J 062274
Leleji, O I 068321
Leleji, O I 071380
Lemaire, M 062743
Lemaitre, R 069792
Lembcke, G 069786
Lembke, A 063499
Leme, J 064012
LeMert, R D 067957
Lemka, L 065011
Lemke, J 066198
Len'kova, V A 065812
Lendle, H G 069107
Lenfantin, J M 071516
Lengerken, G v 064215
Lengerken, G v 064516
Lengert, D 065607
Lenic, J 066237
Lenkeit, W 064376
Lenkeit, W 064990
Lensch, J 065967
Lentz, C P 063876
Lenz, F 067569
Leon, D de 065593
Leon, J 062170
Leonard, M D 071219
Leonard, R E 066105
Leonard, R T 068112
Leonard, T J 067634
Leont'eva, I P 068720
Leont'eva, V G 068529
Leonte, E 070680
Leopold, A C 068519
Leopold, R A 070924
Leoveanu, M 068852
Lepaiye, IA 063689
Lepajoe, J 068619
Lepeshau, A A 072334
Lepiksaar, I 069014
Lepiksaar, I 069018
Leplege, M 064133
Lepley, K 063771
Leppik, E E 067380
Lermuzeaux, M 063941
Lerner, L A 071804
Lerner, S R 071666
Lescar, L 069540
Leska, W 070490
Leski, R 070270
Leski, R 071406
Leskova, E S 067007
Leskova, E S 067717
Leskova, R 066005
Leslie, A J 064657
Leslie, G A 065530
Lesnykh, V I 065788
Lessman, K J 067110
Leston, D 070247
Letcher, R M 067539
Letuchev, K P 064898
Leu, L S 069293
Leu, L S 069299
Leu, L S 069582
Leu, L S 069704
Leucht, W 064568
Leuillet, M 064088
Leuschner, W A 066443
Levantin, D L 063671
Levchenko, P H 062458
Levesque, M 064045
Levi, W 068234
Levick, J 064566
Levin, D A 066967
Levin, D A 067317
Levin, E D 068527
Levin, I M 067028
Levin, J H 071518
Levina, A B 071064
Levina, V V 068035
Levine, J D 070973
Levine, N 062216
Levtsov, V N 066058
Lewantin, 064152
Lewis, A J 064536
Lewis, C F 067961
Lewis, C J 070010
Lewis, G E 071459
Lewis, H 066695
Lewis, J M 064740
Lewis, L A 064659
Lewis, N D 065710
Lewis, N D 066052
Lewis, Y S 069202
Lewko, E 065179
Lewko, E 066008
Ley, G de 065351
Lhoste, J 070578
Lhoste, J 070608
Lhotsky, J 072242
Li, N 070262
Li, S M 062767
Li, V A 064885
Li, Y H C 066656
Li, Y H C 066959
Liakh, V M 071978
Liakhnovich, IA P 067867
Liang, C W 062730
Liang, C W 062822
Liashinskii, V P 072116

Liaskovskii, G M 067989
Liaskovskii, M I 067990
Liau, T L 066810
Liaushkin, A V 065770
Libbert, E 067908
Libbey, L M 063387
Libby, J L 069745
Libby, J L 069746
Libby, J L 069747
Libby, J L 071355
Liberman, I B 066473
Libershtein, I I 070204
Lica, I 071685
Lica, I 071687
Lichev, S 068804
Lichti-Federovich, S 066653
Licznar, M 071853
Licznar, S 071853
Lida, S 066208
Lidtke, W 070217
Lie, H 064461
Liebeneiner, E 066095
Liebold, W 069785
Liebold, W 072028
Lien Do Khac, 064331
Lien, T 067759
Liener, I E 068365
Liese, W 066624
Liese, W 069313
Liger, J H F de 065630
Light, R 072509
Lightfoot, R J 065003
Lijins, A 072141
Lillehammer, A 071274
Lillehammer, A 071275
Lillehammer, A 071276
Lillotte, F J 066231
Lim, B L 070640
Lim, S M 069523
Lim, T M 069539
Limberk, J 069615
Limpo Serra, J J B 065708
Lin, 070400
Lin, A 067410
Lin, A I 069298
Lin, C F 062603
Lin, C H 069296
Lin, C H 070317
Lin, C K 070575
Lin, C Y 062732
Lin, F H 067366
Lin, K J 070509
Lin, S 062261
Lin, S 068593
Lin, S F 064093
Lin, S H C 063520
Lin'kov, A S 069171
Linais, B 067339
Linais, B 068805
Linais, B 068807
Lincoln, C 070309
Lincoln, J 062960
Lindau, M 064114
Linden, G 070132
Lindenmuth, A W 066146
Linderman, R G 069477
Lindfors, S 069168
Lindl, T 067912
Lindley, C D 067797
Lindner, H R 065016
Lindquist, R K 070491
Lindsay, R C 063392
Lindsten, C S 068938
Ling, G V 065907
Lingens, E 070000
Lingren, P D 071057
Linnik, A B 066006
Linser, H 068022
Linsley, E G 071146
Linzell, J L 064379
Linzell, J L 064434
Linzell, J L 064442
Linzmair, P 071610
Liotta, G 070444
Lipa, J J 070269
Lipa, J J 070273
Lipecka, C 065075
Lipets, A A 063800
Liphschitz, N 067574
Lippke, H 064853
Lippke, H 064854
Lips, S H 068076
Lipskii, A KH 067999
Lis, E K 068285
Lis, T 065559
Lis, T 070712
Lisek, J 071504
Lisek, J 071505
Liskova, J 071504
Liskova, J 071505
Lissia, F 066523
List, A 068108
List, G R 063754
Lister, E E 064965
Lister, R M 069707
Lister, R M 069714
Liston, J 063121
Listopadova, N S 069434
Litchfield, C 063341
Little, A C 063452
Little, A C 063453
Little, J A 064599
Littlejohns, I R 065723
Litvak, N D 066497
Litviak, V S 064492
Litvinenko, L G 066585
Litvinenko, V I 067516
Litvinenko, V I 067816
Litvinov, M A 072127
Litynski, M 068361
Liu, C Y 062139
Liu, G C K 070890
Liu, L J 068247
Liu, P D 068172
Liu, P D 072457
Liu, T S 069296
Liu, T S 070317
Liubenko, P KH 070742
Liubich, F D 065762
Liuboshyts, A I 063846
Liutskanov, D 065696
Live, I 065512
Liversidge, R M 066418
Livingston, D B 070066
Livingston, D B 070067
Livingston, G K 068584
Livshits, I Z 071365
Livshits, I Z 071367
Lizcano Herrera, J 065628
Llaguno, C 063440
Lloyd, C 068968
Lloyd, H C 069118
Lloyd, R J 062912
Lloyd, R J 063103
Lo, C C 068171
Lo, E H M 070198
Loader, M P C 069984
Lobanov, G A 067253
Lobanov, P 062331
Lobanov, P P 062928
Lobo, A M F T 067539
Lobun'ko, N A 064026
Lobuntsova, D V 065488
Lobzhinov, G A 072066
Lockhart, C L 069277
Lockhart, C L 069282
Lockwood, J L 069495
Lockwood, J L 069496
Lodge, G A 064693
Lodge, G A 064966
Lodge, G A 064992
Lodos Fernandez, J 063811
Loegering, W Q 067116
Loegering, W Q 069306
Loesch, H C 072512
Loesch, P J 067103
Loesch, P J 069621
Loew, F M 065975
Loewenstein, H 068594
Lofton, J T 063828
Login, A D 071681
Logvinov, D D 064540
Lohm, U 070834
Lohoar, J S 062634
Lohr, J 064212
Lohr, J 064213
Lohr, J 065309
Lohr, L 062544
Loir, M 064937
Loiselle, R 067098
Lolin, M 065377
Lomnitskii, IA E 072117
Lomovskaia, O I 068708
Long, C R 064852
Long, C R 065109
Long, D 071440
Long, H A R 066300
Long, J R 066387
Long, M I E 064881
Long, M I E 065972
Long, R D 066053
Long, T A 064828
Longenecker, G W 069184
Longenecker, G W 069185
Longhouse, A D 071506
Longhurst, R W 068780
Lonnquist, J H 068611
Lonnquist, J H 068612
Lonsdale, C R 064651
Lontai, I 069933
Loof, A R A 069899
Loomis, C W 062404
Loomis, R A 062300
Loomis, S M 062700
Loor, F 068322
Loos, K 071234
Loose, D 064053
Looser, S 068208
Lopatin, V IA 068861
Lopez Dominguez, H 071889
Loppes, R 067440
Lorbeer, J W 067315
Lorcher, K 064392
Lord, J M 067726
Lord, K A 070276
Lord, K A 070373
Lorenz, F 071663
Lorenz, K 063127
Lorenz, K 063301
Lorenz, R J 065901
Lorenzl, G 062784
Lorenzl, G 062792
Loret, E 065179
Loret, E 066008
Lorin, D 065355
Lorincz, F 063605
Losada, M 067771
Losch, U 063179
Losch, U 064827
Loschiavo, S R 070572
Loschiavo, S R 070573
Losowsky, M S 064659
Lott, J N A 068297
Lottmann, P 062353
Lotz, K M 062838
Louarn, J 067091
Loughlin, J E 063830
Louis-Delamare, J 063173
Lovang, T 069085
Lovang, T 070168
Love, H G 062689
Lovegren, N V 063753
Lovisolo, O 069710
Low, F N 064275
Lowe, E 063956
Lowe, L E 071763
Lower, W R 064354
Loycke, H J 066224
Lozap', R A 067007
Lozap', R A 067717
Lozovaia, V V 068346
Lu, S H 067704
Lubanga, J V 072205
Lubaszewska, S 064904
Lubenets, P 067304
Luby, J M 070923
Luca, A 072344
Lucas, A M 064523
Lucas, L T 069430
Lucas, W J 067646
Lucchesi, A A 068325
Luchanskaya, V N 067500
Luchanskaya, V N 067528
Luchko, M A 065784
Luchko, M N 065482
Luchsinger L, A 067138
Luck, E 064076
Luck, J 063237
Luckens, C J 071175
Luckhurst, R J 069990
Ludanov, V V 066363
Luddecke, F 064679
Ludford, C G 065471
Ludlam, F A B 070495
Ludwiczak, J 072164
Ludwig, J W 070224
Ludwig, J W 070227
Luge, W 062583
Lugo-Lopez, M A 068801
Lugovkin, V D 063939
Lugowski, T 065946
Luh, B S 063960
Luib, M 069967
Luisoni, E 069710
Luk'ianenko, P P 067221
Lukashenok, V N 070733
Luke, G W 062548
Lukin, L IU 068027
Lukov, Ts 071675
Luksys, L 065379
Lumbe, C 068541
Lumsden, J H 065243
Lund, D B 063524
Lund, D B 063959
Lund, J W G 066765
Lunde, G 064068
Lundgren, O 064254
Lundqvist, H 063747
Lundqvist, L J 072518
Lupke, H 063144
Lupke, H 063543
Lupu, K G 067809
Luquet, F M 063114
Luquet, F M 063516
Luquet, P 064722
Lush, G B 071528
Lusk, S 071085
Luszczewski, B 063748
Luthardt, H 069553
Luthman, J 064569
Luthman, J 064787
Luthman, J 065963
Lutke-Entrup, E 068765
Lutsenko, A I 064541
Lutsenko, G N 067580
Luttrell, R B 064805
Lutz, D 071586
Luvchiev, V I 070605
Lyashchenko, I F 067363
Lych, G M 062251
Lyle, E S 066170
Lynch, T J 067424
Lyndrup, M L 063682
Lynnyk, L I 070298
Lyon, C K 063382
Lyon, J L 067905
Lyon, R J 072015
Lyon, W F 070378
Lyons, C 070077
Lyons; G R L 062225
Lyr, H 069553
Lysenko, Z A 069425
Lytken, E 072496
Lytle, J S 062567
Lytvynov, P I 069178
Lyzhina, M I 068063
Ma, T H 067314
Ma, T S 067700
Maas, H J L 065666
Maas, H J L 065834
Maas, H L van der 070701
Maas, J L 063934
Maas, J L 069044
Maas, P M J M 070799
Maas, W 071511
Maayan, M L 064351
Mabbett, T H 069513
Mabie, J M 070781
MaCaulay, E D M 070823
MacCartney, M E 067460
MacCartney, M E 069266
MacDearmid, A 064621
MacDonald, H A 068313
Maceljski, M 070302
MacGregor, J M 072011
Machado, J R 068259
Machida, C 062180
Machlin, L J 064480
Macias Vazquez, F 071991
MacIntyre, D 067088
MacIntyre, D 069264
Maciolek, H 065573
Mack, A R 068301
Mack, A R 071759
Mackay, D B 067799
Mackay, J F G 067650
MacKenzie, C P 065710
MacKenzie, C P 066052
MacKinney, G 063452
Mackinney, G 063453
MacKintosh, J M 067460
MacKintosh, J M 069266
Mackor, A 063445
MacLean y Estenos, A 062158
Maclean, A J 067933
MacLean, A J 067934
MacLean, A J 071751
MacLean, A J 071752
MacLean, W 062960
MacLeod, J C 070682
MacLeod, R D 068077
MacMillan, K L 065037
MacNaeidhe, F 070057
MacNaeidhe, F S 070048
MacNaeidhe, F S 070052
MacNeil, J D 067636
Macnicol, P K 068115
Macnicol, P K 068116
Macovei, A 069647
Macpherson, R 070165
Macrae, J C 067596
Macuhova, K 068875
Macura, J 071900
Maczynski, A 064801
Maddens, K 070118
Maddex, R L 062955
Maddison, P A 070282
Maddison, P A 071003
Maddra, C 072145
Madej, J A 065574
Madej, M 064168
Madej, T 069452
Madenov, D K 072210
Madigan, J E 064415
Madsen, H C 062939
Madsen, H C 072559
Madsen, J 063458
Madzharov, I 064239
Madzharov, I 064575
Madzharov, I 064576
Maeda, E 066937
Maeda, E 066968
Maeda, H 068685
Maeda, K 067948
Maeda, T 065940
Maeng, J 067757
Maeng, J 067758
Maeyer-Guignard, J de 065584
Maeyer, E de 065584
Maga, J A 063127
Magakian, A T 063561
Magashshi, L 067177
Maggs, D H 067328
Magill, D 071974
Magimel, J 062430
Magister, W 071670
Magnaval, J F 071349
Magniant, D 072260
Magnitskii, K P 067678
Magnus, H A 069466
Magnuson, D S 069712
Magomedmirzaev, M M 066997
Magomedov, O 066247
Mahadeva, K 063320
Mahadevappa, M 068190
Mahajan, B A 067117
Mahajan, B A 067551
Mahamuni, I 063744
Mahamuni, I 063745
Mahamuni, I 072095
Mahamuni, I 072096
Mahapatra, I C 068732
Mahapatra, I C 068734
Mahdihassan, S 069678
Mahe, M F 064297
Mahendrappa, M K 068523
Mahendrappa, M K 071863
Maher, C 072336
Mahieu, N 069901
Mahieu, N 070296
Mahlberg, P 067417
Mahlstedt, J 071565
Mahlstedt, J 071569
Mahmud-ul-Hassan, 067286
Mai, D 062786
Mai, W F 069756
Maier, J 062476
Maier, M 062724
Maik-Siembida, J 064455
Maillet, P L 069652
Maillet, P L 070358
Maillot, L 065625
Main, C E 069509
Mainardi, B 064820
Mainardi, B 064822
Mainardi, B 064823
Mainstone, B J 069215
Maissiat, J 070777
Maistrenko, O I 067218
Maistrenko, O I 067222
Maisuradze, N I 067233
Maiti, B B 070879
Maitra, D N 064719
Maj, Z 069673
Maj, Z 069723
Majda, A 063175
Majda, A 070290
Maji, P N 067488
Majumder, S K 070881
Makarchenko, V A 065857
Makarchenko, V A 065858
Makarchenko, V A 065866
Makarenko, A A 068569
Makarov, B N 071723
Makarov, V B 067383
Makarov, V V 065874
Makarova, V M 068704
Makaveev, TS 069800
Makepeace, R J 070677
Makhanta, Kh Ch 071061
Makhmadzieev, A R 070547
Maki, W R 062220
Maki, W R 063004
Makliukov, V I 063781
Makogon, V F 065789
Makoveev, N V 065765
Makovicky, I 066428
Makovskii, B S 064889
Makowski, N 068667
Maksimenko, E I 068378
Maksimov, V 071559
Maksimov, V N 067783
Maksimova, A E 071886

Maksimovic, M 070566
Mal'chevskii, A S 071937
Mal'ovana, L I 064834
Malachowska, D 070287
Malachowska, D 071331
Malamiene, B 066828
Malanowski, D 065560
Malashevich, A V 067868
Malaurie, C 068043
Maldonado, J M 067771
Malec, K 069857
Malec, K 069864
Malek, J 066357
Malek, J 066358
Maletskii, S I 067359
Maletto, S 065087
Malhotra, F C 065717
Malhotra, F C 065932
Malhotra, S S 068457
Malich, S 062871
Malik, C P 070867
Malik, D S 071971
Malik, D S 072084
Malik, N S 064720
Malik, S 068574
Malinovskii, I G 065676
Maliuga, N G 068701
Maljarenko, L G 071632
Malkina, I S 066996
Malkina, I S 068561
Mallabaev, A 067510
Mallett, J E 062650
Mallik, F 068040
Mallik, F 069363
Mallows, R 063446
Mally, F 065112
Malm, D S 062662
Malonosov, N L 072124
Malonosov, N L 072126
Malonosov, N L 072132
Malos, C 066903
Malov, A A 065342
Maloy, O C 069916
Maloy, O C 069917
Maloy, O C 069574
Maloy, O C 069915
Maltugueva, M Kh 065645
Mamaev, V A 064832
Mamakova, Z A 064004
Mamarasulov, S M 072374
Mamatov, G Z 067489
Mamedov, M A 068067
Mamin, V F 068720
Mamluk, O F 069468
Mammerickx, M 065911
Mamonov, L K 067892
Mamontova, V N 067214
Mamontova, V N 067264
Mandahar, C L 069639
Mandel'shtam, IV E 070905
Mandl, K 071212
Mandl, K 071249
Mandrusova, E E 065096
Maneraki, V V 067988
Maneraki, V V 068029
Maneraki, V V 072068
Mangoni, L 068579
Mani, M S 071284
Mani, M S 071290
Maniku, M 070374
Manipura, W B 072253
Mann, D F C 063003
Mann, H O 068641
Mann, H O 068642
Mann, H O 068643
Mann, H O 068644
Mann, H O 068645
Mann, H O 068646
Mann, H O 068647
Mann, H O 068648
Mann, H O 071539
Mann, H O 072363
Mann, H O 072364
Mann, H O 072365
Mann, H S 072278
Mannall, H G 069963
Manners, J G 069436
Mannherz, H G 070805
Manninger, S 069670
Mannion, P 071493
Manohar, M 065323
Manolescu, N 065957
Manorik, A V 066586
Mansfield, T A 067727
Mansour, O Y 066520
Mansour, O Y 066521
Manston, R 064956
Manteuffel, R 067908
Mantle, P G 067666
Manton, I 067652
Mantyla, A W 067863
Manuel, M F 065600
Manuil'skii, V D 067982
Manzer, F E 069235
Manzer, F E 071990
Maples, R 071994
Mar'ianchik, V L 071667
Mar'iushkin, V F 067378
Maramorosch, K 069433
Maramorosch, K 070472
Marani, A 067976
Marani, A 071772
Maraud, R 064339
Maraud, R 064340
Marbaitz, R 064342
Marbut, S A 069518
Marcesse, J 071791
Marchand, D 070112
Marchand, D E 066839
Marchant, H J 067118
Marchenko, E A 067808
Marchenko, M T 071982
Marcinkowski, K 065178
Marcinkowski, K 066007
Marciulioniene, D 066828
Marciulionis, V 067893
Marcuse, R 063459
Marcuse, R 063471
Marczak, Z 070278
Marczak, Z 070994
Mareckova, H 067345
Marei, A M 069764
Marek, K 063315
Marenkin, F 072338
Marenkov, V S 068340
Marghitu, V 067381
Marghitu, V 068492
Margna, E 067888
Margna, E 067891
Margna, U 067888
Margna, U 067891
Marian, A 066129
Mariano, J A 071916
Mariau, D 070369
Mariau, D 070370
Mariaux, J R 063912
Mariciani, S 068255
Mariconi, F A M 070419
Mariconi, F A M 070502
Marien, W 072203
Marienburg, J 064677
Marin, I 071684
Marin, V 072469
Marinescu, F 071685
Marinescu, F 071687
Maring, J 071507
Marinin, E A 065860
Marinova, Ts 065317
Marion, P T 064849
Marion, R 063160
Marion, R 070725
Marion, W W 063685
Mark, A F 066878
Mark, A F 066881
Mark, A F 066882
Markakis, P 063963
Markaran, M 064230
Markarian, M 065730
Markgraf, F 066576
Markiewicz, K 065284
Markman, A L 067491
Markov, E 063668
Markov, I E 068335
Markov, M 065329
Markova, L I 070263
Markowski, S 066887
Marks, C F 069768
Marks, C F 069769
Marks, E N 071004
Markussen, J 064359
Marmo, F 064487
Maroti, M 067876
Maroz, M A 063846
Marrese, R J 070004
Marsalek, L 067089
Marsalek, L 067090
Marsh, J A P 069987
Marsh, J M 071700
Marsh, R F 065510
Marsh, R N 062343
Marshall, A T 070927
Marshall, B 064881
Marshall, B 065972
Marshall, B J 068830
Marshall, C 068412
Marshall, D E 071518
Marshall, M O 068353
Marshall, P E 066417
Marshall, P E 066960
Marshall, R T 063128
Marsman, J W 063445
Marsolat, A 069124
Marson, R 062996
Marston, L 062284
Marston, L 072578
Marston, N 070838
Marszalek, T 066292
Martelli, G P 069716
Marten, J 071501
Martens, B 066717
Martens, J W 062491
Martens, J W 069278
Martens, J W 069289
Martens, J W 069770
Martens, K 071604
Martens, P H 070700
Martens, P H 070702
Martens, P H 070704
Marthedal, H E 065248
Marthedal, H E 065462
Marthedal, H E 065465
Martin, A 064601
Martin, B B 070238
Martin, D J 070073
Martin, E C 067688
Martin, E C 071403
Martin, F H 064360
Martin, F W 063266
Martin, F W 069162
Martin, G 067744
Martin, G C 068366
Martin, J 064957
Martin, J W 066270
Martin, L N 065530
Martin, P G 064374
Martin, R J 067108
Martin, T J 070058
Martina, M 063406
Martine, J C 069329
Martinez-Torres, C 063227
Martini, 068544
Martiniere, P 064009
Martinovich, B S 068538
Martinson, C A 069501
Martinson, V O 062463
Martirosov, S 062497
Martirosova, V 062497
Martorell, L F 069433
Martorell, L F 070472
Martynchenko, V A 065769
Marucci, A A 065646
Marushev, A I 063740
Marushev, A I 067219
Marushev, A I 068712
Maruthai Pillai, P 062683
Maruyama, J 068080
Maruyama, M 067670
Marwaha, P S 072256
Marx, I 062502
Marx, M 066904
Marzona, M 064355
Masangkay, J S 065954
Mashenkov, V 062398
Mashimo, K 064321
Masim, M 066035
Maslenkova, G L 072194
Maslikova, N N 063781
Maslobrod, S N 067992
Maslov, A D 066112
Maslova, I P 067045
Maslova, I P 067845
Maslovskii, V V 068026
Massart-Leen, A M 064383
Massart, D 065224
Massey, C L 066154
Massey, G M 065231
Masson, J M 072263
Masters, C O 069041
Masters, J H 071203
Masters, J H 071207
Masters, J H 071208
Masuda, H 068082
Masuda, H 071851
Masuda, Y 069832
Mataki, Y 066490
Matas, J 063239
Matei, I 071354
Matei, I 072331
Matel, I 072206
Materikina, M I 064750
Materna, J 066155
Matesova, G IA 070523
Mathe, L 062687
Mather, K 070875
Mathes, M C 067410
Matheson, A C 070854
Mathew, A G 069202
Mathew, J 070429
Mathez, F C 070387
Mathia, G A 062618
Mathis, G W 064847
Mathis, P 068270
Mathisen, J 065050
Mathiske, G 064864
Mathur, B S 068737
Mathur, O P 072416
Mathur, R L 069349
Mathur, R L 069357
Mathur, S C 069074
Mathur, V K 072582
Mathur, Y K 069640
Mathur, Y K 070344
Mathys, G 070311
Matiashov, IU A 063670
Matic, M 063791
Matic, M 072594
Matikashvili, I A 064005
Matile, P 062223
Matiushev, P S 065994
Matkanov, M 065674
Mato, M C 067570
Matrenina, R M 067590
Mats, M N 067535
Matschey, H 066377
Matschullat, G 066038
Matskevich, O A 071058
Matsubara, H 070675
Matsuda, A 069752
Matsuda, K 065388
Matsuda, K 071645
Matsuda, T 067298
Matsuda, Y 072295
Matsuhashi, A 064158
Matsumoto, M 066493
Matsumoto, S 063400
Matsumoto, S Y 067774
Matsumoto, T 063383
Matsumura, N 064176
Matsuo, E 068395
Matsuo, M 071683
Matsushima, S 067949
Matsuura, M 070414
Matsuzaki, A 067949
Matsuzaki, S 070600
Matsuzawa, M 068685
Matthews, G A 070282
Matthews, G A 070379
Matthews, G A 070727
Matthews, G A 071003
Matthews, G A 071653
Matthews, P J 065382
Matthies, F 066217
Matthiesen, I 063580
Mattil, K F 063958
Mattner, P E 064950
Mattocks, A R 066022
Mattocks, A R 067540
Mattson, D E 065386
Mattson, R H 068370
Mattson, S 067393
Mattson, S 071709
Matunaga, K 070542
Matuo, T 069491
Matus, V K 068168
Matveev, G G 069403
Matveeva, E K 063565
Matveeva, E V 069601
Maund, B A 065716
Maunder, E R 066093
Mauranges, P 063074
Maurer, 064040
Maurer, 071522
Maurya, A N 067642
Maurya, R A 070134
Maw, G A 069241
Maxey, W R 066265
Maxim, I 071932
Maxim, V 072207
Maxwell, D P 067114
Maxwell, D P 069304
May, H C 069968
May, J 069616
May, J 069690
May, J 069881
May, M J 070068
Mayama, M 069517
Mayama, S 069517
Mayer, M 067070
Mayer, P 064363
Mayes, A J 071528
Maynadier, M H 070183
Maynard, D N 068369
Mayo, J M 067481
Mayo, M A 069651
Mayor, E 066796
Mayorca, L M De 069544
Mayorga, H 063706
Mayr-Melnhof, F 066177
Mayr, A 065653
Mayr, R 071613
Mayton, E L 064599
Maz, E 065630
Maza, H 062441
Mazel, IU IA 067591
Mazen, A 064330
Mazhara, V N 069426
Mazliak, P 068461
Mazuelos Vela, F 067598
Mazun, A M 071981
Mazur, P L 065775
Mazurkiewicz, M 064558
Mazurkiewicz, M 064559
Mazurkiewicz, M 064902
Mazurkiewicz, M 065887
Mazurkiewicz, M 066009
Mazurova, T A 068500
Mazzeno, L W 063197
Mazzeno, L W 063840
Mazzini, C 068917
McAdam, W E 063294
McAlhany, J W 062567
McAlpine, J F 071147
Mcarthur, J M 064661
Mcarthur, J M 065917
McBride, G 062953
McCain, A H 069766
McCalla, T M 069246
McCampbell, H C 065384
McCarthy, G J P 068813
McCarthy, J F 070251
McCarthy, J L 066500
McCartor, M M 064850
McCarver, T 069247
McCaskill, L H 063680
McCaughey, W J 065518
McCay, R E 066309
McCay, S 067417
McClaugherty, F S 063614
McClaugherty, F S 065007
McClellan, W D 069234
McClelland, R 062759
McClelland, T H 064616
McClenaghan, R J 062233
McCloskey, M 062910
McCloskey, M 062911
McCloskey, M 072541
McCloskey, M 072545
McCloskey, M 072547
McCloskey, M 072548
McColl, J G 071807
McCoy, R E 069493
McCoy, R E 069507
McCracken, A 065519
McCrae, A W R 070615
McCrae, A W R 070942
McCreight, M G 062140
McCullouch, G C 069216
McDaniel, J C 068998
McDaniel, J R 070842
McDaniel, N R 064833
McDavid, C R 068412
McDonald, R A 067631
McDonald, R A 067632
McDonald, S E 066302
McDowell, R E 065011
McElroy, R C 062829
McEnroe, P 071998
McEnroe, W D 070752
McEntee, K 065458
McEwen, F L 070425
McFadden, S 062150
McFarlane, B 064409
McFate, K L 064731
McFetridge, W A 064596
McGahen, J H 064828
McGibbon, W H 065935
McGill, A 070875
McGill, J F 068678
McGinnies, W J 067970
McGinnis, J 064497
McGinnis, R C 068637
McGlohon, N E 069796
McGowan, A A 067904
McGowan, J A 067863
Mcgregor, D R 064661
Mcgregor, D R 065917
McGuffin, W C 071153
McGuirk, B J 065000
McInnes, P 064643
McKague, B 070602
McKelvie, A D 070074
McKenzie, D L 069771
McKenzie, R I H 069278
McKenzie, R I H 069290
McKercher, R B 071753
McKillop, W 066444
McKinney, F E 063449
McKirdy, J 064046
McKnight, K H 066679

McKnight, M E 070562
McLachlan, K D 071997
McLaughlin, D R 064416
McLendon, T 066900
McIlmoyle, G 065244
McLoughlin, J 072600
McIver, S B 070616
McManus, G 062960
McManus, W R 064644
McManus, W R 064726
McMullan, M J 065588
McMullen, D 071517
McMurphy, W E 068798
McMurphy, W E 068799
McMurphy, W E 070178
McNabb, H S 069391
McNally, J A 066527
McNaughton, I H 067134
McNeilly, B A 071836
McPhail, J A 070512
McPherson, J 062617
McPhie, G L 072301
McQuiston, J R 062232
McVaugh, R 066625
McWilliam, J R 067430
Meade, F M 066191
Meade, R J 064733
Meade, R J 064734
Meagher, D M 065909
Meagher, J W 069761
Measures, M 067483
Meck, R 067672
Medeiros, L O 064570
Medeubekov, K U 071689
Medina Blanco, M 064640
Medina, F A 062214
Medrano, C 070119
Medvecky, D 064591
Medvecky, D 064918
Medvecky, D 071418
Medvedev, A I 068137
Medvedev, A I 068472
Medvedev, G A 068722
Medvedev, G F 065822
Medvedev, V 072473
Medvedeva, E I 067723
Meer, F T M van der 070268
Meer, J M van der 071069
Megard, J P 064627
Megela, J 064080
Megela, J 071629
Megorskaia, O M 068178
Mehan, V K 063113
Meher-homji, V M 066852
Mehl, R 070635
Mehl, R 070986
Mehl, R 071272
Mehlman, M A 063254
Mehta, G 067854
Mehta, R C 070321
Mehta, U 067451
Mehta, U R 072093
Meier, H 067935
Meier, K U 064751
Meier, N R 067003
Meier, V D 067110
Meier, W 063980
Meinl, M 064634
Meischak, G 063923
Meisner, J 070244
Meissonnier, E 064818
Mejkal, C 071508
Mejkal, C 072233
Mejnartowicz, L 066808
Mekhandzhiev, A 067171
Mekhtieva, N A 067690
Mel'nichuk, A N 070206
Mel'nichuk, A N 072324
Mel'nik, I A 072313
Mel'nikov, N I 063738
Mel'nikov, N I 068694
Mel'nikov, N I 070334
Mel'nikov, N N 070710
Mel'nikov, V 072288
Mel'nikova, N I 068704
Mel'nikova, S A 068502
Mel'nykov, D I 071696
Mel'nykova, K V 065833
Mel'tser, F R 070157
Mel'tser, R F 067182
Mel'tser, R F 068020
Melcer, I 066422
Melcerova, A 066422
Melckebeke, J V 069605
Melek, E 063581
Melekhov, I S 066101
Melendez A, R E 071909
Melendez-Howell, L M 066926
Melendez, P L 069433
Melendez, P L 070472
Melik-Sarkisyan, S S 068168
Melin, P 069329
Mellor, J W 062274
Mellor, P S 065529
Mellott, J L 070751
Melosch, V 064877
Melton, A A 064511
Melton, A A 064512
Memon, A M 068802
Memon, K S 068087
Menaria, K L 067452
Menchu, J F 063706
Menck, B H 069986
Mendenhall, T 063126
Mendeshev, A 071730
Mendeshev, A 072485
Mendez, I 066584
Mendez, J 067570
Mendl, H 071267
Mendoza, D B 063991
Mendoza, J L 062995
Menendez Amor, J 066801
Menez, C F 063159
Menez, C F 065595
Mengel, K 068098
Mengel, K 068207
Menke, K H 064705
Menninger, E D 067331
Mennon, J K 065509
Menon, A V R 063112
Menon, K R 069309
Menon, M N 064155
Mensik, J 065373
Mensik, J 065899
Mentler, L 064604
Menzel, U 071546
Menzie, E L 062744
Meppelink, E K 063763
Mer, C L 068134
Meranger, J C 064346
Merat, P 064944
Merat, P 066416
Merbitz, H 072149
Mercer, W R 070786
Mercier, J C 064297
Mereminskii, A I 065775
Mergl, B 066741
Merimskii, G M 063938
Merkel, R A 064411
Merkulov, IU A 062525
Merlivat, L 063942
Mermerski, K 065735
Mermoud, D E 068623
Merrall, M 065039
Merrett, M J 067726
Merrill, W 066519
Merrill, W 069487
Merritt, R W 071145
Mervart, J 066195
Merwe, R P van der 064745
Mesa, A 063808
Mesarosh, L 067172
Mesch, J 067063
Meshcheriakov, A O 067699
Meshcheriakova, I P 064101
Meshcherov, E T 067226
Meshkov, S 065727
Mesipuu, I 064267
Mesquita da Silva, N 071654
Mesquita, A 062500
Messner, A 063881
Messner, A 068951
Messow, C 066024
Metlitskii, L V 069404
Mettler, A E 063190
Metwally, M M 070774
Metzdorf, H J 062770
Meulen, A Van Der 069028
Meurk, C D 066881
Meuser, F 063297
Mey, J A M van der 067156
Meyer, D 069470
Meyer, H 063259
Meyer, H 065234
Meyer, H 070140
Meyer, H 070331
Meyer, J 069969
Meyer, J A 067311
Meyer, J A 069428
Meyer, J N 064951
Meyer, P 065422
Meyer, R 063073
Meyer, R 063150
Meyer, V 063328
Meyer, W A 069499
Meyerholz, G W 065249
Meyerholz, G W 065921
Meyhall, W E 063579
Meylan, G 069545
Mez, E 071466
Mgaloblishvili, S V 069148
Mglinets, V A 070868
Miadzvedzeu, A R 072334
Miadzvedzeu, U U 064533
Mialhe, L G 072307
Mialo, E G 066874
Mian, M A 072304
Miasoedov, V P 070544
Micek, J 064403
Michaelis, O E 064437
Michaelson, D 063677
Michalak, H 063275
Michalak, H 063578
Michalski, Z 065891
Michel, C 063026
Michel, F 070111
Michel, R 070769
Michelet, R 069131
Michelet, R 071492
Michels, R 062591
Michna, G 064792
Michurin, B N 071919
Micka, E S 063975
Micke, G 066378
Micucci, M 064408
Miczynski, K 069727
Middelboe, V 071793
Miedaner, W H 072587
Miedema, T T 071602
Miege, J 062161
Miege, J 066581
Miege, J 066965
Mieloch, E 062417
Mierzejewska, W 069852
Mierzejewski, J 065559
Mierzejewski, J 070712
Miesner, J R 068624
Miginiac, E 067478
Migunova, I V 071804
Mihailescu, I G 068187
Mihalcescu, F 071353
Mihara, Y 071469
Mii, M 068062
Mikaelian, I I 063671
Mikhailin, N V 071592
Mikhailiuk, V M 065801
Mikhailiukov, N D 065788
Mikhailov, N N 065347
Mikhailov, N N 065482
Mikhailov, V A 069927
Mikhailova, L 065186
Mikhailova, T D 067008
Mikhalake, I N 072302
Mikheev, A V 072127
Mikhnovs'ka, N D 070631
Mikhnovskaia, N D 070961
Miklaszewski, S 068892
Mikolajczak, B 071416
Mikolajczak, Z 070217
Miksche, G E 066406
Miksic, R 071217
Miku, V E 067374
Mikulovich, L S 071943
Mikulska-Macheta, A 068211
Mikulska-Macheta, A 069728
Mil'chenko, K P 069839
Mil'china, M G 063450
Mildner, T 063403
Miles, J 067645
Miles, J A R 065586
Milev, N 065706
Militaru, M 065146
Miller, A 070802
Miller, B F 063030
Miller, C F 063954
Miller, D C 062917
Miller, D C 063110
Miller, D D 065583
Miller, D L 069524
Miller, D P 063824
Miller, E 064781
Miller, E C 062955
Miller, J D 068773
Miller, J D 068777
Miller, J F 070125
Miller, J M 065510
Miller, M W 066987
Miller, N G 066621
Miller, P A 068771
Miller, R L 066307
Miller, T R 062146
Miller, W A 066301
Millikan, D F 068243
Mills, J T 069279
Mills, J T 069280
Milsom, N 070077
Milsson, B 070213
Milstead, L E 069115
Milthorpe, F L 067655
Miltimore, J E 064661
Miltimore, J E 065917
Mina, V 068762
Minakowski, W 065059
Minato, K 066229
Minbaev, R A 071689
Minbaev, R M 069566
Minchev, P 065156
Minchev, P 065979
Minchev, P 065980
Mineev, V G 068027
Minenko, V I 065165
Mineo, A 070444
Mineo, G 070444
Miner, F 069123
Minev, M 065748
Minev, P 064911
Minev, P P 065201
Mingazov, T A 064884
Minhas, A S 067268
Minhas, A S 069345
Minina, S A 067808
Mininberg, S IA 068329
Mink, G I 062905
Minko, I F 068538
Minoiu, N 069645
Minoiu, N 069646
Mintzlaff, H J 063217
Minulescu, P 071684
Minulescu, P 071686
Miranda, L T de 069547
Miranda, M 066987
Miranenka, A V 068194
Miranenka, A V 068863
Mirica, A 067621
Mirica, A 069384
Mirica, I 067621
Mirica, I 069384
Miron, V 068899
Miron, V 071962
Mironchenko, F A 072297
Mironenko, A M 067220
Mironiuk, V I 067895
Mironova, L M 071879
Mirzakeev, E K 072332
Mirzazhanov, K M 072311
Mirzazhanov, K M 072321
Mirzoev, O G 066362
Mirzoeva, Z A 071721
Misailov, V D 066000
Mischie, V 068496
Mischie, V 069164
Mishenkova, E L 067699
Mishra, A C 071293
Mishra, A P 069381
Mishra, B 069369
Mishra, D P 072098
Mishra, R R 069535
Mishra, S N 067125
Mishurenko, A G 069069
Misic, B 065213
Misiuna, W 062985
Misra, A P 069359
Misra, A P 069364
Misra, A P 069369
Misra, D K 063371
Misra, G 068289
Misra, G 068724
Misra, N D 063370
Misra, R N 067267
Misra, S K 064398
Mistinova, A 067388
Mistinova, A 067390
Mistry, K B 067549
Misu, I 065084
Misu, M 064463
Mita, T 063400
Mital, S P 069071
Mitchell, H L 068370
Mitchell, J 071871
Mitchell, J E 067092
Mitchell, P J 066671
Mitchell, P L 063420
Mitchell, R D 062231
Mitchell, W C 070873
Mitev, G 065698
Mitev, G 065896
Mitev, M 064107
Mitev, S 067141
Mithaiwala, I K 068802
Mitiaev, I D 070523
Mitkov, S 063687
Mitoku, S 064933
Mitra, A R 067488
Mitra, G 067662
Mitrofanov, A M 070625
Mitrokhin, A N 069565
Mitrovic, M 065532
Mitsumoto, T 064174
Mitsumoto, T 064175
Mitsumoto, T 064176
Mitsumoto, T 065055
Miura, K 066459
Miyabe, K 066441
Miyajima, H 066456
Miyake, M 066510
Miyakoda, H 068217
Miyamoto, K 071645
Miyasaka, A 068652
Miyashita, A 064709
Miyashita, A 064710
Miyashita, A 068691
Miyaura, K 067952
Miyazaki, T 071050
Miyoshi, S 064174
Miyoshi, S 064175
Miyoshi, S 065055
Miziakin, N 062652
Mizon, J 064329
Mladenov, N 062513
Mockel, H G 065281
Modenke, H N 066780
Modi, N T 067618
Modonova, L D 068529
Modrzynski, J 066296
Moe, K K 065397
Moe, P W 064697
Moe, V G 065720
Moens, R 069809
Moffett, J O 068362
Moffett, J O 071389
Moffitt, E M 069714
Mogami, K 068686
Mogorianu, V I 071665
Mohamed Saleem, M A 068847
Mohandas, A 065396
Mohandas, A 065893
Mohanty, P 067448
Mohapatra, A R 071797
Mohapatra, S C 068101
Mohme, H 064873
Mohrenweiser, H W 064426
Mohs, H J 063092
Moinova, K 067143
Moir, R J 062857
Moiseev, I P 063797
Moiseev, Y 064011
Moisescu, G 064302
Moisey, F R 069959
Mojamdar, V G 071197
Mojto, J 064264
Mokhov, A I 068410
Mol, J J 063563
Molchanov, A A 066110
Molchanova, E IA 071830
Molchanova, I V 067562
Molchanova, I V 071770
Moldakhmetov, T 072326
Moldau, H 068427
Moldenke, H N 069114
Molder, M 067480
Moldoveanu, C 065633
Molinari, G 063187
Moline, H E 069691
Moll, A 063987
Moll, R H 067107
Moller-Madsen, 063492
Moller-Madsen, 063493
Moller-Madsen, 063494
Moller-Madsen, 063495
Moller-Madsen, 063496
Moller-Madsen, 071525
Moller-Madsen, A 063045
Moller, J M 064071
Moller, J M 064102
Moller, R 071568
Moller, R 071570
Mollerberg, L 064787
Molnar, A 066643
Molnarova, M 064535
Mombello, R 065291
Momtaz, A 067136
Monaco, P 068579
Monckeberg, F 063226
Monckeberg, F 064628
Mondadori, C 071015
Mondal, R C 071779
Mondeshky, L M 068317
Mondovi, B 064325
Monga, D 070811
Monier, F 065428
Moniz, A C 071890
Moniz, A C 071892
Monkiewicz, J 063282
Monne, F 064141
Monselise, J J 063378
Montaldo, A 066716
Montaldo, A 069209
Montalvo-Zapata, R 068085
Montaner Esteve, J 062640
Monte, F de 062138
Montgomery, G A 072055
Monthoux, O 062161

Montoya, B 063236
Monzini, A 063653
Moodie, C D 071781
Moodie, E W 065000
Moody, H L 070120
Moody, R C 066548
Mookerjee, A L 070668
Mookherjee, M 065506
Moomaw, R S 068782
Moomaw, R S 068783
Moon, H W 065444
Moor, A de 065351
Moore, A L 068266
Moore, B J 069688
Moore, D L 065394
Moore, D M 066692
Moore, I 071221
Moore, J D 069742
Moore, J E 062656
Moore, J E 064598
Moore, J E 067067
Moore, J H 064315
Moore, J H 064453
Moore, L A 064697
Moore, R H S 065977
Moore, S F 063842
Moore, S L 066042
Moorman, J W 072549
Mora Vidal, J 064394
Moraczewski, R 064082
Morales G, G 065480
Moran, R 066651
Moran, V C 070842
Morard, P 067857
Morato, E 062711
Moravskaia, A S 071101
Mordillat, P 062739
Mordue, W 070900
More, E 067900
Moreau, D H 072435
Moreau, F 068281
Moreels, A 064905
Moreira, C S 068325
Morel-Seytoux, H J 072424
Morgan-Jones, G 066654
Morgan-Jones, G 066657
Morgan, D T 067155
Morgan, J A 064614
Morgan, N G 070077
Morgan, O D 069837
Morgenstern, R 071429
Mori, H 066531
Mori, Y 068690
Morii, T 071046
Moriizumi, S 066489
Morikawa, K 071251
Morina, L E 071874
Morishita, F S 069766
Morita, H 068399
Morita, H 071761
Morita, K 068155
Morita, Y 068352
Moritz, G 063710
Moriwaki, M 065669
Moriya, K 070601
Morley, B 066699
Morohoshi, S 071397
Morohoshi, S 071398
Morohoshi, S 071399
Moros M, F 064484
Morova, E 063765
Morozov, N V 064027
Morozov, V N 065344
Morozova, T B 063860
Morozova, V G 067405
Morprugo, G 067307
Morpurgo, L 064325
Morr, C V 063520
Morrall, B A A 069771
Morris, B 069147
Morris, D B 070058
Morris, E V 070107
Morris, H A 063118
Morris, J L 063570
Morris, K 068232
Morris, R M 067919
Morris, R O 069970
Morris, T J 069715
Morrison, G 069040
Morrison, K J 068882
Morrison, L S 069874
Morrison, R D 064418
Morrison, S M 072534
Morrow, C T 071519
Morse, R A 071387
Morstin, J 065068
Morton, J K 066698
Morzer Bruyns, M F 072530
Moscardi, F 070389
Moschler, W W 068855
Moscoso, C G 068421
Moseman, J G 067128
Moser, H 065139
Moser, V 066179
Moser, W 066182
Moser, W 066183
Moses, L N 062289
Moshkov, B S 067872
Mosiiuk, P O 072218
Mosin, V I 066394
Mosjidis, J 067137
Moskalenko, K P 062569
Moskovets', S M 069660
Moskovets', S M 069661
Moskvicheva, E P 067783
Mosnerova, M 062801
Moss, A M 067460
Moss, A M 069266
Moss, B 067639
Moss, B 067640
Moss, B 067641
Moss. B R
Moss, D N 067965
Moss, H J 063769
Moss, J A 064952
Mossadegh, A 066901
Mosvisiants, A P 068723
Mota, M 062891
Mothes, K 067839
Motial, V S 069073
Motoi, E 069645
Motoki, Y 068306
Motorinskii, G A 071624
Motsara, M R 068127
Motsinger, R E
069325
Motsinger, R E
069625
Motsinger, R E
069798
Motuzok, P F 067832
Motylev, L A 062457
Mouillac, A 070130
Mouka, J 065693
Moulias, J 062984
Moulton, K J 063754
Moulton, K S 062783
Mounolou, J C 067308
Moura, C A S 065409
Moure, J S 071318
Mourier, H 070604
Moussa, F 069805
Moussa, R S 063966
Mowat, D N 064605
Moyna, P 067475
Moyna, P 067476
Moyses, M A 062562
Mozgov, I E 065371
Mozhaeva, G M 072210
Mrkva, R 066153
Mudd, A J 064687
Muggenburg, B A 065905
Muhammad, C W 072168
Muhlberger, O 062756
Muhlmeyer, R 071431
Muhrel, K 071540
Muir, R W 065710
Muir, W W 064276
Mujeeb, K A 067340
Mujeeb, K A 068423
Mukbaniani, M V 066132
Mukerjee, S K 070706
Mukerji, J P 063743
Mukerji, K G 067664
Mukerji, M K 070793
Mukerji, M K 070795
Mukerji, S K 062174
Mukhamedgaliev, F M 063018
Mukhamedgaliev, K M 072351
Mukherjee, J 067914
Mukherjee, P P 063339
Mukherjee, S K 068386
Mukherjee, S K 071714
Mukherji, S 067914
Mukhin, E N 068334
Mukhopadhyay, A K 065500
Mukhtar, A M S 064551
Mukkattu, M M 066858
Mukovoz, V O 062599
Mukunya, D M 069482
Mulder, J B 064371
Mulford, R A 066824
Mulhern, F J 062670
Mulhern, F J 063085
Muller, A 064138
Muller, B 063326
Muller, C 064670
Muller, C J 063873
Muller, D 068261
Muller, G 069788
Muller, H J 068865
Muller, H J 071946
Muller, H P 063550
Muller, H W K 070327
Muller, J 071099
Muller, P J 069630
Muller, S 065210
Muller, U 067058
Mullin, R E 066390
Mullins, D E 070915
Mullins, T 069942
Mumford, P 069517
Mumgaard, M L 071661
Mummery, R S 067756
Mun, L E 068376
Munchen, J G 064760
Munchmeyer, R 064785
Munchow, H 064631
Munchow, H 064637
Munden, J E 063334
Mundler, H U 066462
Mundra, M C 071778
Munegowda, M K 072153
Munford, R E 064774
Municio, A M 070887
Muniz, O 066608
Muniz, O 066642
Munk, H 071817
Munk, W J de 069845
Munoz, B 064298
Munoz, B 065225
Munro, I A 069992
Munroe, E 071149
Munson, R 062186
Munson, R H 068937
Munster-Swendsen, M 070836
Munzer, W 067057
Murad, Kh M 064549
Murai, M 068550
Murai, N T 070502
Murakami, Y 071254
Muraleedharan, K 065396
Muramatsu, H 068922
Muramatsu, K 072460
Murant, A F 069651
Murase, N 065670
Murashige, T 068942
Murashov, E F 065863
Murata, T 062620
Murata, T 063970
Murata, T 063973
Murata, Y 067939
Murav'eva, D A 067722
Murav'eva, D A 067807
Murayama, S 067297
Murbach, R 069896
Murbach, R 070192
Murdock, K 072437
Murdock, L L 070772
Murhpy, J B 067910
Muromtsev, N A 071839
Murosaku, A 065939
Murphy, H J 072180
Murphy, J A 069517
Murphy, J H 069235
Murphy, J H 071990
Murphy, T M 067910
Murphy, V G 063825
Murray, D R 068391
Murray, J B 064773
Murray, J B 064774
Mursalova, M G 071721
Murthy, C N N 072023
Murthy, K N 068387
Murthy, K N 069759
Murthy, N B K 067117
Murthy, N B K 067551
Murzagalieva, B B 068860
Murzakov, B G 071826
Muskett, J C 065712
Mussell, H W 069505
Musso, L A 062758
Mustakas, G C 063755
Mustata, I 072469
Mustgrove, G E 070006
Muszynski, S 067335
Muszynski, S 067603
Muthiah, P 064327
Muthusamy, S 070350
Muthusamy, S 072035
Muthuswamy, S 069072
Muting, D 070840
Muyshondt, A 070952
Muzikant, J 064579
Muzikantova, J 064579
Muzikar, Z 066431
Muzychenko, B S 067378
Mychalczuk, Z 065556
Myers, G G 070808
Myhre, D L 067969
Mynett, A 070225
Mynzhanova, Z K 067401
Myram, C 070061
Myres, A W 064343
Myres, A W 064344
Myres, A W 064345
Myshelova, A 062496
Myskow, W 067780
Myskow, W 071887
Mytton, L R 067902
Mzhelhskaya, L G 067524
Nabatov, N M 066342
Nachman, I 065615
Naczk, M 063430
Nadakal, A M 065396
Nadakal, A M 065893
Nadtochaia, O G 067881
Naef, E 062445
Naf, E 071671
Naftolin, F 065019
Nag Raj, T R 066654
Nag, T N 067613
Nagaich, B B 069609
Nagaich, B B 070416
Nagaike, T 066207
Nagao, T 067547
Nagaraja, H 071291
Nagarajan, S 069308
Nagasawa, K 066837
Nagasawa, K 068307
Nagasawa, K 068958
Nagasawa, T 068621
Nagatanigawa, I 063728
Nagaty, A 066520
Nagaty, A 066521
Nagel, E 065280
Nagel, E 069787
Nagel, M 068131
Nagler, H 062254
Nagler, M 069384
Nagler, M 070256
Nagumanov, F M 065844
Nagy, A H 068097
Nagy, B 062936
Nagy, E 070536
Nagy, G 063136
Nagy, G 065551
Nagy, Gy 069932
Naidenko, A I 068617
Naidenko, A I 071726
Naidenov, N 066056
Naidenov, N 070737
Naidenow, S 064151
Naimanov, I L 065299
Naimanov, I L 065838
Nair, C N R 064724
Nair, K S S 070425
Nair, R R 072085
Nair, S 063423
Naito, F 064447
Naito, N 069476
Nakae, T 063481
Nakae, T 063482
Nakagami, T 066493
Nakagawa, H 063885
Nakagawa, J 068259
Nakagawa, K 069934
Nakagawa, S 068214
Nakagawa, Y 069827
Nakahara, M 068959
Nakakita, H 063046
Nakakita, H 070674
Nakamura, C 063884
Nakamura, M 063349
Nakamura, R 064613
Nakano, H 066937
Nakano, O 070389
Nakano, R T 068969
Nakasone, H Y 069037
Nakasuga, T 066098
Nakazawa, H 070467
Nakazawa, K 062413
Nakazawa, K 070332
Nakazawa, K 070333
Nakhmedov, F G 063996
Nakhodkina, V Z 063794
Nalecz, Z J 062604
Nalewaja, J D 070110
Namba, R 069636
Nambe, M 070940
Nambu, S 071645
Nambudiri, E S 069202
Nambudripad, V K N 063522
Namdeo, K N 072084
Namikawa, K 064608
Namioka, Y 066450
Namioka, Y 066454
Namioka, Y 066566
Namiotkiewicz, I 064791
Namkoong, G 066297
Nanitashvili, T S 063995
Nanitashvili, T S 064023
Napiorkowska-Kowalik, J 070587
Napompeth, B 070873
Naqi, S A 065395
Naqvi, S M 068088
Naqvi, S N H 070663
Narasimhan, S R L 071392
Narayanamurti, D 066467
Narendra, D V 069307
Narendran, T C 071286
Nariani, T K 069889
Narkieweicz-Jodko, M 069445
Nartov, P S 071623
Nartsissov, V P 072319
Narula, P N 072082
Narziss, L 063308
Narziss, L 063717
Nasacheva, E P 068473
Nasset, E S 063278
Natarajan, C P 063318
Nather, J 066398
Natori, S 070894
Naudet, M 063290
Naudet, M 063460
Naudet, M 063787
Naumchyk, E P 071694
Nauryzbaev, I B 063199
Navratil, M 062321
Navratil, M 062488
Nawara, W 065035
Nawara, W 065062
Nawara, W 065077
Nawaz, M 063750
Nawrocki, S 068901
Nawrocki, S 068902
Nawrocki, S 068910
Nawrocki, S 071963
Nawrocki, S 072243
Nawrot, J 070586
Nayak, B C 065929
Nayak, U R 067854
Nayak, U R 067855
Nayar, S K 069367
Nayar, S K 069371
Naylor, A W 067439
Nazario, W 066019
Nazarov, V A 069922
Neal, J L 071748
Nechaenko, A E 067373
Nechaeva, P F 064026
Nechaeva, P F 064029
Nechapurenka, A IA 067868
Neck, R W 070954
Nedalkov, S 065746
Nedelcu, P 068187
Nedelcu, P 068497
Nedialkov, S 071412
Nedzinskas, IU A 071560
Needham, S M 067427
Neelakanta, J 062654
Neely, J A 072451
Nef, L 070539
Negbi, M 066946
Negev, M 072421
Negrea, I 072470
Negrul', A M 067228
Negrutskaia, G M 068536
Nehring, P 063327
Neichev, O 065331
Neil, L C 067433
Neil, L C 067434
Neilsen, K J 064667
Neirle, W 063036
Neklesova, I D 070621
Nekrasova, G N 068572
Neliapina, A F 070159
Nelissen, M 064581
Nell, T A 068231
Nelson, A I 063366
Nelson, D C 068406
Nelson, K E 062617
Nelson, L A 068782
Nelson, L A 068783
Nelson, L R 067101
Nelson, L R 069620
Nelson, M L 063822
Nelson, M L 063834
Nelson, R R 069516
Nelson, S O 067956
Nema, V P 068729
Nema, V P 068735
Nemec, P 067849
Nemec, R 064786
Nemec, S J 070404
Nemecek, J 071896
Nemecek, L 065213
Nemecek, L 065315
Nemes, D 065474
Nemeth, I 072161

Nemteanu, S 065633
Nemtseva, L S 067160
Nene, Y L 069643
Nene, Y L 069776
Nentjes, A 072513
Nentwig, J 063551
Nepomilueva, N I 066360
Nepomniashchaia, A M 067719
Nerpin, S V 071918
Nerson, H 068044
Nerson, H 072102
Nesius, K K 068435
Nesse, J B 065594
Nesterenko, A M 070203
Nesterenko, A M 072310
Nesterenko, E K 062368
Nesterenko, N I 070361
Nesterov, IA S 067240
Nestorov, N 064097
Nestorov, N 064229
Nestroy, O 072267
Nestsiarovich, M D 068602
Netter, L N 062171
Netto, J A C 062854
Netzov, N 065335
Neubauer, K H 071545
Neubauer, R 069504
Neubert, P 072025
Neudoerffer, T S 064416
Neugebauer, L 063772
Neukom, H 063696
Neumann, D 069024
Neumann, J 062355
Neumann, K H 068448
Neumann, U 069024
Neumark, Z 068651
Neumeyer, J P 063194
Neurand, K 065478
Neuwinger, I 066907
Neville, P 067414
Nevo, Y 068263

New, T R 071136
New, T R 071361
Newberne, P M 063265
Newcomer, E J 070951
Newman, B E 072137
Newman, C W 064809
Newman, J A 064959
Newman, R A 064322
Newman, R H 069978
Newman, T L 064275
Newth, M 064774
Newton, J E 064727
Newton, J E 065001
Newton, M 069511
Neykova, N 065896
Nezhdanov, G P 066001
Ng, A P 069219
Ng, E K 067787
Ng, E K 069214
Ngoddy, P O 063293
Nguyen Ngoc Tien, 070351
Nguyen Van Huong, 066929
Ngwe, T M 067051
Niamsrichand, N 068156
Niamsrichand, N 072191
Nichelmann, M 064458
Nichimoto, R K 070223
Nichiporovich, A A 067997
Nichiporovich, A A 068169
Nichiporovich, A A 068486
Nichols, G de la M 068629
Nichols, R 063894
Nichols, R 063895
Nichols, R 063977
Nicholson, F R 066020
Nicholson, J D 069319
Nicholson, R L 069503
Nickerson, K W 069587
Nicklow, C 062959
Nicol, K J 062939
Nicol, K J 072559
Nicpon, J 066032
Nieboer, E 067731
Niedbala, W 071117
Niedermaier, K 070218
Niederreuther, T 062870
Niefind, H J 063406
Nieh, M 070928
Nielsen, B J 068213
Nielsen, F 065464
Nielsen, H C 063234
Nielsen, H C 063732
Nielsen, H H 062945
Nielsen, J J 062491
Nielsen, J J 069770
Nielsen, L W 069882
Nielsen, S W 066012
Nielsen, T R 071262
Nielsen, T R 071266
Nielsen, T R 071269
Nielsen, T R 071273
Niemann, E G 062179
Niemann, P 070173
Niemann, R 067796
Niemczyk, E 070486
Niemczyk, E 070497
Nienhaus, A 062970
Niering, W A 066574
Niesslein, E 066173
Nieuwhof, M 063893
Nieuwoudt, W L 062490
Niewiadomski, H 063457
Niewiadomski, H 063461
Niewiadomski, H 063465
Niewiadomski, H 063469
Niewiadomski, H 063470
Niewiadomski, H 063474
Niewiadomski, W 068886
Niewiadomski, W 068887
Nigam, J M 065323
Nigam, S S 067822
Nightingale, J P 065719
Niiazov, A N 072376
Niimi, K 064447
Niiyama, T 070109
Nijkamp, H J 064906
Nikanchyk, P I 068864
Nikandrova, N F 072210
Nikiforov, L I 065486
Nikiforov, L I 065858
Nikiforov, L I 065862
Nikiforov, L I 065869
Nikiforov, L I 065870
Nikiforova, T S 062569
Nikitenko, P P 062380
Nikitin, M G 065816
Nikitin, V IA 065782
Nikitina, A V 067696
Nikitina, A V 069318
Nikitina, A V 069424
Niklolova, T 063687
Nikodemska, E 066031
Nikokiris, P N 068201
Nikol'skaia, I S 071407
Nikol'skaia, V V 066876
Nikol'skii, S N 065801
Nikolaev, A N 066998
Nikolaev, E V 067994
Nikolaev, G V 068150
Nikolaev, K A 066064
Nikolaev, K A 070739
Nikolaeva, A G 067532
Nikolaeva, I P 065764
Nikolaiev, IE F 064898
Nikolajczuk, M 065175
Nikolenko, V G 069069
Nikolov, B A 068318
Nikolov, K H 067202
Nikolov, N 062270
Nikolov, N 064715
Nikolova, E 065202
Nikonov, G K 067493
Nikonov, G K 067496
Nikonov, I IA 066314
Nilan, R A 068882
Nilov, G I 067820
Nilsson, B 062947
Nilsson, F 069155
Nilsson, H 064775
Nilsson, H 065045
Nilsson, H 070210
Nilsson, I 070398
Nilsson, O 065590
Ninh, T D 069749
Nioh, T 071910
Nishida, H 070142
Nishida, T 070873
Nishigaki, S 069200
Nishihuchi, H 068747
Nishijima, C 068446
Nishijima, W T 069489
Nishijima, Y 070987
Nishimoto, N 068307
Nishimura, G 068401
Nishimura, S 066937
Nishiyama, T 062481
Nissen, P 067760
Nitransky, S 069182
Nitsch, B 063146
Nitschmann, J 070569
Niuksha, IU P 066595
Nixon, D A 065019
Nizamuddin, M 067017
Njoku, C O 065454
Njoku, C O 065455
Njoku, C O 065456
Nobile, S 063238
Noble, D L 068596
Noble, R C 064315
Noble, R C 064453
Nodenes, M 069026
Nogi, T 067954
Nogler, G A 067346
Noguchi, A 066727
Noguchi, I 067947
Noguchi, T 069463
Nogueira Paulo, M 072300
Nogueira, I R 072307
Noguera Pujol, J 062576
Noguera Pujol, J 072017
Nolan, C N 068640
Nolan, J C 065009
Nolan, R A 070934
Nolewajka, E 065561
Noller, C H 062512
Noller, C H 067884
Noller, C H 071985
Noller, C H 072054
Noma, Y 068958
Noma, Y 068959
Nomoto, T 068621
Nomura, I 066206
Nomura, K 070426
Nonn, H 068664
Nooden, L D 068458
Noord, M J Van 065539
Noordsy, J L 065455
Noort, L van 062541
Nor-Arevyan, N G 068143
Norarev, N G 068141
Nordquist, P R 068783
Norkina, I A 071980
Norkina, I A 072119
Norman, A W 065919
Norman, D W 062212
Norman, J O 065444
Normand, F L 063196
Norrdin, R W 066323
Norris, D O 071744
Norris, K H 068244
Norrung, V 065464
Northern, R T 066921
Nosaka, D 065578
Nosal, D 071672
Noscal, P F 065596
Nosek, J 071160
Nosova, P P 067364
Nossek, E 066184
Nosyrev, V I 070262
Nothiger, R 070855
Novac, N 069645
Novak, D D 065811
Novak, K 062319
Novak, L V 072218
Novak, M 069721
Novikava, A A 068602
Novikov, V A 071668
Novikov, V S 066745
Novikova, K F 070157
Novikova, Z M 071984
Novilla, M N 065594
Novilla, M N 065597
Novilla, M N 065598
Novitskaia, N A 068476
Novosel'tseva, N P 067817
Novotny, L 067544
Novotnyi, K 062400
Novruzova, Z A 066682
Nowacki, H 062207
Nowacki, J 065886
Nowacki, J 065889
Nowak, G 069723
Nowak, M 062434
Nowak, M 062435
Nowakowska, K 063789
Nowakowski, J T 071299
Nowels, J 062141
Nowicki, M 064467
Nowikow, D G 064723
Nowinski, T 062423
Nowotny, P 062401
Noyes, J D 065398
Nozdrin, M T 064836
Nozeran, R 066658
Nuccio, O 062185
Nuckolls, C E 067624
Numaguchi, H 063968
Nunes Nogueira, J 064012
Nunes Petisca, J L 065708
Nunomura, A 070540
Nuriev, R M 066689
Nurmi, E 063658
Nurmio, P 065951
Nurmio, P 065962
Nussbaumer, A 062228
Nussbaumer, A 066169
Nussstein, R 065305
Nuttall, A M 070092
Nuttall, D E W 062342
Nutter, G D 068459
Nuust, M 064926
Nwinyi, S S O 071913
Nyako, K O 069323
Nyborg, M 067926
Nyffeler, E F 063373
Nygaard, P 068578
Nygren, T 068360
Nyvall, R F 069494
O'Brien, J J 065519
O'callaghan, J R 072103
O'Callaghan, T F 070079
O'Callaghan, T F 070084
O'callaghan, T F 070091
O'Connor, E H 065394
O'Connor, M 065520
O'Doherty, P C 069990
O'Donovan, D 071999
O'Donovan, D 072000
O'Donovan, P B 064880
O'Hanlon, D 071999
O'Hanlon, D 072000
O'Meara, J W 072354
O'Sullivan, D M 062342
Oates, K 067652
Oates, R 064955
Oba, T 068616
Obana, S 071048
Obarski, J 070498
Ober, J 071424
Oberlander, H 070929
Oberle, G D 068996
Oberman, E 065052
Oberst, H C 062907
Obminska, J 065360
Obminska, J 065368
Oboladze, D B 065772
Oboladze, D B 070648
Obraczka, R 072342
Obraczka, R 072343
Obraczka, R 072479
Obst, A 069327
Obukhov, A I 071832
Ochilo, M 065882
Oda, C S 067774
Odaki, K 066667
Ode, H 068686
Odintsova, M A 069601
Odriozola, J M 070887
Odumanova-Dunaeva, G A 067872
Oe, M 070599
Oehring, J 072052
Oehring, J 072284
Oesau, A 066830
Oeser, A 068257
Oestemer, G A 064733
Oestemer, G A 064734
Ofner, W 065353
Ofori, I M 062264
Oganesian, D O 068141
Oganesian, D O 068469
Oganesian, E T 067819
Oganesian, V M 063561
Oganesyan, E T 067513
Ogata, K 063971
Ogata, K 063972
Ogata, M 065402
Ogata, R 069831
Ogawa, M 068425
Ogborn, J 069946
Ogbourne, C P 065528
Ogden, E D 068523
Ogden, E D 071863
Ogiso, T 067536
Ogle, W L 069142
Ognianova, A 067143
Ognyanov, I V 067557
Ogren, W L 068114
Ogunkanmi, A B 067727
Ogura, N 063885
Ohad, I 067770
Ohanian, C 064408
Ohanneson, J G 063955
Ohashi, Y 067298
Ohashi, Y 069680
Ohde, T 064177
Ohira, H 071294
Ohitani, J 066980
Ohkawa, M 069398
Ohkuma, K 067905
Ohlsson, B 062946
Ohno, M 066837
Ohno, M 068958
Oho, N 070466
Oho, N 070467
Ohta, A 068593
Ohtaki, S 064321
Ohtani, J 066459
Ohtomo, K 071646
Oka, K 066131
Okabe, T 063749
Okada, M 071468
Okamoto, S 064711
Okamoto, S 072491
Okamoto, T 065939
Okamura, S 063749
Okanenko, A S 067982
Okanenko, A S 067983
Okano, T 068554
Okasha, A Y K 070906
Okazaki, S 068082
Okazova, A G 070236
Oke, J G 068038
Oke, J G 072077
Oke, O L 063276
Okolska, G 063275
Okolska, G 063578
Okon, Y 067665
Okonenko, V U 067816
Okorokov, L A 067860
Oktiabreva, N B 066745
Oku, T 067752
Okubo, I 066451
Okumura, T 071646
Okuyama, H 066458
Okuyama, H 066510
Okuzumi, M 063081
Olangiu, M 069388
Old, K M 069262
Old, K M 069263
Oldfield, J F T 063815
Olejnik, D 063788
Oleshchenko, I N 070976
Oleshenko, L N 067250
Olimid, V 068188
Oliveira, B S 069701
Oliveira, D A de 067826
Oliveira, G D de 068480
Oliveira, G F 065638
Oliver, J E 065217
Oliver, J H 070619
Oliver, J H 070943
Olkowski, M 066889
Olley, J 063351
Olmedo Olmedo, J 066057
Olmedo Olmedo, J 068198
Olmedo Olmedo, J A 065157
Ologe, K O 062276
Olsen, E 068010
Olsen, P E 068520
Olsen, R 071828
Olson, H A 062286
Olson, L D 065440
Olson, L D 065441
Olson, L D 065442
Olson, W H 070465
Olszowski, J 066152
Olteanu, I 068495
Olteanu, I 069166
Olthof, T H A 069873
Olutiola, P O 069261
Olver, M D 064978
Omelcenko, A A 071634
Omelchenko, L I 069414
Omidvar, A M 069825
Omtvedt, I 064993
Omura, J 068615
Omura, Y 065940
Onckelen, H A van 068109
Ondok, J P 067751
Ondok, J P 067753
Ondrej, M 066663
Ondrej, M 066666
Onegov, A P 065343
Onishchenko, A I 069062
Onishchenko, V G 071919
Onishi, H 067661
Onitsuka, S 069588
Ono, H 063029
Ono, T 065952
Ono, T 071646
Onori, E 070655
Onuki, S 068554
Onuma, T 072460
Onyshchenko, A M 069657
Onyshchenko, O I 069181
Ooi, S C 067131
Ooi, S C 067565
Oono, T 068923
Ootaki, T 066988
Opanasenko, O P 072472
Opanasenko, V P 065575
Opatrny, Z 066936
Oplinger, E S 068608
Oplinger, E S 068609
Oplinger, E S 068610
Opoka, B 070366
Oprean, M 069166
Opritov, V A 068165
Opyrchalowa, J 070988
Orav, I 067072

Orav, I 067073
Orav, T 067068
Orav, T 067072
Orav, T 067073
Orcival, J 066928
Orcival, J 069244
Ordolff, D 071500
Ordolff, D 071524
Orel, V 065023
Orel, V 067293
Orellana, R G 069519
Orillo, F T 062999
Orion, T 070933
Orita, S 070402
Orlenko, E G 066350
Orliankin, B G 065874
Orlievskaia, O V 067785
Orlik, A 064802
Orlikowski, L 069457
Orloci, L 066858
Orlov, D S 071843
Orlov, E S 065487
Orlova, L A 071667
Ormerod, E C 071912
Ormstad, E 066513
Orozco, F 070764
Orpin, C G 064301
Orr-Ewing, A L 066319
Orr, E 063447
Orriss, P T 066599
Orsi, K 066087
Orsi, S 068746
Ort, D R 068275
Ortanderl, F 064365
Orth, R 063219
Orth, R 064104
Orthoefer, F T 067674
Ortiz de Serra, M I 071750
Ortuno, A 068946
Ory, R L 067924
Oryshchuk, L F 069839
Os'minina, R F 066356
Osada, A 067947
Osada, A 069774
Osborn, A W 069650
Osborn, A W 070356
Osborne, D J 067824
Osborne, D J 070018
Osborne, D J 071027
Osborne, W T 062876
Oschita, M 066043
Osebold, J W 065513
Osgerby, J M 070104
Osgerby, J M 070181
Osgerby, J M 071858
Oshchepkov, V P 067844
Oshitok, G I 068528
Osinskaia, T V 070154
Osipian, L L 069408
Osipov, A V 067582
Osipov, P P 065679
Osipov, P P 065797
Osipov, V G 062538
Oskaja, V 068557
Oslage, H J 064564
Osler, R 069629
Osman, A M 063613
Osman, M A 063612
Osmani, M J A 070276
Osminkina, L A 072210
Osmond, C B 067415
Ospanova, R K 062593
Ospinnikova, L 072620
Osse, L 063302
Ostafichuk, M 066655
Ostanin, A M 068831
Ostapchuk, P P 064546
Ostapchuk, P P 064840
Ostashev, S N 065817
Ostbye, E 070985
Ostbye, E 071257
Osterloh, A 062506
Ostoushko, A I 063804
Ostreng, K W 071483
Ostrovchuk, P P 066790
Ostrovskaia, L K 068328
Ostrovskii, V N 072371
Ostrowski, J 062421
Osugi, T 065940
Oswald, A K 070042
Oswald, A K 070070
Oswalt, E S 068818
Ota, M 066492
Ota, Y 067950
Otemisov, T O 068001
Oterholm, 063139
Oterholm, B 063140
Otomo, K 064158
Otskov, F 065448
Otsuka, S 063722
Ott, F D 066761
Otto, G 069930
Oulevey, N 066977
Ourecky, D K 069003
Ourisson, G 067850
Ouweneel, W J 071069
Ovcharov, K E 068000
Ovchinnikov, N P 072066
Overchuk, V I 069179
Ovodov, Yu S 067490
Owen, H 069258
Owen, J 062452
Owen, J B 064614
Owens, C R 063935
Owens, F N 064740
Owens, J N 067480
Oxenham, D J 067936
Oxenham, D J 067937
Oya, Y 067941
Oyaizu, A 068307
Oyenuga, V A 068392
Oyenuga, V A 068393
Ozelkok, S 068450
Ozerov, V I 062522
P'ng, T C 067787
P'ng, T C 069214
Paap, B 062687
Padalikova, D 064349
Padalikova, D 064924
Paddick, R G 069761
Padley, F B 063381
Padmanabham, M 068733
Padova, R 068467
Padureanu, T 069164
Pady, S M 069269
Paez, G 071893
Paganias, K P 072318
Paganias, K P 072464
Page, I H 064659
Page, J M J 070684
Page, L A 065382
Page, L A 065383
Page, R M 067705
Pahlitzsch, G 066463
Pailik, I S 067880
Paine, D P 066311
Pak, N P 072134
Pakaln, D A 067518
Pakianathan, S W 069223
Pakizh, V I 070653
Pal, V 068613
Pal, V 071968
Palagatschev, N 062935
Palamarev, E H 066669
Palashev, I 068525
Palevith, D 068290
Palfi, ZH 067586
Paliev, K H 064908
Paliushik, M 064100
Paliushik, M 065745
Paliwal, G S 066934
Pallauf, J 064875
Pallauf, J 066010
Palmer, B H 070251
Palmer, J E 069991
Palmer, J E 072001
Palmer, J M 068279
Palmisano, A W 067835
Palmisano, A W 071914
Palo, M 066269
Palomar, M L 071739
Palumbo, G 068579
Palyusik, M 065634
Pana-Beratlief, Z 070255
Pana, D 068851
Panaiotov, P 064913
Panarina, M B 065871
Panasenko, W N 064638
Panchabhavi, K S 070337
Panchaliev, G 071674
Panchenko, K A 067723
Panchenko, N A 064522
Pande, J N 062892
Pandey, H K 062307
Pandey, V B 067616
Pandey, V S 065405
Pandey, V S 065525
Paneque, A 067771
Panes, V 071530
Panes, V 071531
Panfilov, I D 065762
Panfilov, V 062335
Pangborn, R M 063250
Pangborn, R M 063762
Pani, S N 065008
Paniago, E 062500
Panikar, I I 065816
Panilov, N A 066003
Panin, M S 067401
Panin, M S 071841
Panina, R I 071841
Panjevic, D 065377
Pankajakshan, A S 062493
Pankajakshan, A S 067100
Pankajakshan, A S 068963
Pankow, H 066717
Pannikov, V D 072128
Panov, P P 067556
Pant, K C 068036
Pant, K D 065393
Pant, K P 065028
Pant, N C 070880
Pant, S C 066486
Pantastico, E B 063991
Pantastico, E B 063992
Pantastico, E B 072169
Pantos, C E 063963
Panwar, K S 069379
Pao, T P 072458
Paolucci, B 062190
Pap, L 063336
Papaconstantinou, J 064324
Papendick, K 064878
Papke, M 063237
Papp, E 067066
Papp, J 071184
Papp, L B 066834
Pappelis, A J 069517
Pappelis, G A 069517
Papushev, E 064238
Papushev, E 064910
Paquin, R 067930
Paquot, C 064090
Para, L 071442
Para, L 071443
Parameshwar, N S 062531
Parameshwar, N S 072086
Parameswaran, N 069313
Paramonova, N V 067044
Pardi, J 067069
Pardi, J 067071
Pardo, B 063275
Pardo, B 063578
Pardutz, A 066915
Parfenov, I S 065484
Parfenov, I S 065851
Parfenov, I S 065853
Parfent'ev, I G 067215
Parfent'ev, M G 067217
Paribok, T A 068326
Paribok, V P 067379
Parijs, R van 068390
Parish, R L 068623
Parisot, D 067080
Park, D 067461
Park, G N 071850
Park, K S 068592
Park, R J 064289
Park, S 062941
Park, W J 063513
Parke, D W 064354
Parker-Jervis, R 066300
Parker, A J 065927
Parker, B C 066825
Parker, B C 072480
Parker, C 069997
Parker, C 070102
Parker, D R 070968
Parker, J A 066408
Parker, R L 065399
Parkes, R R 067430
Parkhomenko, R G 070334
Parkinson, B 063137
Parkinson, C 063397
Parks, D R 070953
Parlebas, J 064338
Paro, L A 070389
Parodi, P W 063484
Parol, H 063275
Parol, H 063578
Parpia, H A B 063318
Parr, A F 064411
Parrag, I 067172
Parrish, F C 063639
Parrish, P R 070732
Parrish, R F 064318
Parry, J M 067313
Parry, J M 070172
Parshad, M 068728
Parshad, M 072082
Parsons, P S 062813
Parsons, S A 062627
Parsons, S A 062650
Parthasarathy, P C 067609
Parthasarathy, P C 068543
Parthasarathy, V V 063058
Partridge, A D 069524
Partridge, H H 069558
Partridge, I J 072037
Parui, P 071360
Parvatikar, S R 068191
Paschalis, P 066540
Paschke, J D 071067
Paseshnichenko, V A 063997
Pashchenko, V K 062580
Pashchenko, V K 064837
Pashentsev, V A 065785
Pashinina, L T 068530
Pashkevich, A V 069552
Pashova, V T 072220
Pass, M A 065258
Passam, H C 068279
Passam, H C 068280
Passaro, E P 065919
Pastushenko, L T 069590
Pastuszko, J 065565
Pastuszweska, B 064904
Paszkowski, W 067321
Patel, C M 063444
Patel, N G 070892
Patel, P N 069584
Patel, P N 069585
Patel, P N 069586
Patel, R Z 069210
Patel, V M 063444
Paterson, R A 066735
Pathak, A N 063425
Patil, B V 066985
Patil, B V 069356
Patkhullaeva, M 067524
Patra, H P 072415
Patrikeeva, T A 071723
Pattee, H E 068101
Patten, D T 067749
Patterson, R S 070657
Patudin, A V 067812
Paufler, S 064692
Paufler, S 064989
Paul, E A 068125
Paul, E A 071865
Paul, F 063212
Paul, F 063985
Paul, J 068517
Paul, S 063146
Paul, T M 072049
Paul, W 063560
Paul, W 071740
Paulian, F 070257
Paulose, M M 063384
Paulus, K 063979
Paun, M 066902
Paunovic, D 064256
Paupardin, C 067413
Pavan, C 070911
Pavanasasivam, V 071862
Pavel, E M 068493
Pavlenko, A F 067490
Pavlenko, F A 066496
Pavlica, J 065213
Pavlica, J 065315
Pavlik, J 065207
Pavlinova, O A 068161
Pavliuk, I M 064507
Pavlov, A N 068024
Pavlov, M E 064542
Pavlov, M E 066002
Pavlov, P A 068816
Pavlovica, D 071821
Pavlovskii, E S 066233
Pawlak, K 065561
Pawlowska, F 070237
Pawlus, M 070148
Pawlus, M 072281
Payandeh, B 066311
Payne, J M 064956
Payne, W 071663
Peaker, M 064434
Pearce, E T S 062626
Pearce, F L 071054
Pearce, O D 065977
Pearson, L D 065513
Pearson, M M 062704
Pearson, V 067733
Peavy, W S 069046
Peckham, J C 070618
Peckham, J C 071200
Pederson, V D 068775
Pee, T Y 062554
Pee, T Y 062555
Pee, T Y 072179
Peek, R D 069313
Peeters, E G 063268
Peeters, G 064381
Peeters, G 064384
Peev, M 062364
Peevy, W J 072137
Pehrson, B 065300
Peichev, B 065746
Peinemann, N 068056
Peinemann, N 071736
Peirce, L C 068239
Peireiade, K H 064908
Peitz, B 072025
Peive, Y V 067597
Peive, Ya 067842
Peixoto Pereira, C 069226
Peixoto, A M 068158
Pekkanen, T J 066076
Pel'ts, M L 063795
Peleg, B A 065614
Pelimlin, A 064798
Pellett, H 071789
Pelosse, J L 064567
Pen'kov, L A 070160
Penati, L 064202
Penati, L 065958
Pence, D B 070617
Pence, D B 071199
Pendland, J C 066989
Penefsky, H S 064423
Penformis, B 064209
Peninado Lucena, E 064640
Penkov, I 064911
Penkov, I 065201
Pennell, J T 069916
Pennell, J T 069917
Pennell, J T 069918
Pennell, J T 069919
Penner, D 062628
Penner, D 063882
Penner, H 064035
Pentegove, V A 068531
Penyshkina, Z I 070733
Peplinska, M 068361
Pepperman, A B 063195
Percival, F W 068453
Peredi, J 063479
Pereira Carvalho, P 068819
Pereira, A L G 069701
Pereira, J L 071601
Pereira, R R 063558
Perel'son, M E 067493
Perel'son, M E 067507
Perelygin, V M 070741
Perepelitsa, V M 067870
Peres, A 068739
Peresypkin, N I 068861
Peresypkin, N I 068862
Perevertun, A I 068376
Pereverzev, V N 071880
Perez Antich, E 067980
Perez Garcia, V 072355
Perez Mateos, J 071737
Perez Senac, R 062158
Perez, A 062693
Perez, J E 069677
Perkhiser, E D 062955
Perkins, E G 063462
Perkins, F O 066952
Perov, N A 067860
Perramon, A 066416
Perret, P 072303
Perron, J M 070571
Perry, L M 066622
Pershina, L P 065345
Pershutina, O A 067209
Persson, J 064569
Persson, J 064787
Persson, J 065963
Persson, L 065649
Persson, L 070641
Persson, N E 069157
Persson, T 063618
Persson, T 063619
Persson, T 070834
Pertwee, C F 070030
Peruanskii, IU V 063847
Pes, A 066523
Pesegova, L P 067814
Pesek, M 063177
Pesenko, I L 064459
Peshkova, A A 067894
Pesockij, A N 066474
Pessah, E 070682
Petegem, L Van 063908
Peteghem, C V 070703
Peterburgskii, A V 067882
Peterburgskii, A V 071979
Peters, E J 071194
Peters, J 062869
Peters, N C B 067462
Peters, W 070783
Peters, W 070919
Petersen, P H 065188
Petersen, R 071474
Petersen, R 071612
Petersen, R 071614
Petersen, R C 070816
Peterson, C A 068060
Peterson, C L 071699

Peterson, G A 068775
Peterson, L A 064739
Peterson, R L 062140
Peterson, R L 066955
Peteshev, V M 065378
Petin, V G 067342
Petin, V G 067804
Petinov, N S 067404
Petinov, N S 067606
Petinov, N S 072409
Petkov, M 071417
Petkov, P 065747
Petr, J 068146
Petrash, V G 068066
Petrenko, E B 067723
Petrescu, G 071684
Petrescu, J 066803
Petrikas, J 064272
Petrov, G 064108
Petrov, IU E 066789
Petrov, K 065335
Petrov, K H 067384
Petrov, M F 068568
Petrov, N 065197
Petrov, N G 066108
Petrov, S 071676
Petrov, T 065687
Petrov, V M 065677
Petrov, V M 065855
Petrova, L V 067517
Petrova, N A 071352
Petrovich, D D 071557
Petrovich, D D 072381
Petrovich, S V 065486
Petrovich, S V 065857
Petrovich, S V 065858
Petrovich, S V 065862
Petrovich, S V 065870
Petrovskii, V V 070650
Petru, E 069614
Petruchuk, O E 070625
Petrushenko, S E 072195
Petrushov, A Z 070303
Pettersson, A 064842
Petty, H B 070242
Petty, R O 066213
Peuckert, G 063587
Peveling, E 067732
Pevetz, W 062836
Pevzner, I L 064889
Peyraud, D 064974
Peyraud, J C 064127
Peyremorte, P 071791
Pezinski, W 063857
Pfadenhauer, J 066914
Pfandler, L 064584
Pfeffer, E 064700
Pfeffer, E 064873
Pfefferkorn, V 069999
Pfeiffer, H 064215
Pfeiffer, H 064516
Pfeiffer, H 064517
Pfeiffer, K L 065117
Pfeiffer, R K 069958
Pfeiffer, R K 069964
Pfeiffer, R K 070062
Pfenninger, H B 063310
Pfister, D H 066734
Pfluger, R 068207
Pflumm, W 071378
Phadke, A B 072279
Phan-trong-tai, 063463
Phaneuf, L P 065918
Phelan, J D 062964
Phelps, R H 069513
Philip, S 069309
Philippeau, G 071791
Phillip, J I H 065716
Phillippo, M 065257
Phillips, D A 067325
Phillips, D A 068100
Phillips, D V 069882
Phillips, J A 071812
Phillips, J E 070908
Phillips, J E 070909
Phillips, J E 070910
Phillips, J P 070899
Phillips, J R 070310
Phillips, L E 067634
Phillips, M L 068447
Phillips, P J 067430
Phipps, J B 066656
Phipps, J B 066959
Phipps, L J 062147
Phoenix, S L 064605
Piantodosi, C 067672
Piasecka-Serafin, M 065042
Piatetskaia, N I 066065
Piatkowski, B 064633
Piatkowski, B 064860
Piatkowski, B 064867
Piatyshev, D R 067801
Picard, M 067149
Piccolo, B 063836
Piccot, F 072590
Pickering, R C 063652
Pickett-Heaps, J 067010
Pickett-Heaps, J D 067118
Pickett, J 066411
Pickford, J 072616
Pidoplichko, G A 067689
Pidoplichko, N M 066729
Piech, J 067336
Piekarska, J 063274
Pien, J 063572
Pienaar, L V 066211
Piendl, A 063782
Pieprzowska, J 072182
Pieri, E 068936
Pieritz, K D 064166
Pierre, J G 068043
Pierre, J G 070581
Pierzgalski, T 066031
Pieterse, A H 070043
Pieterson, W A 064316
Pietz, R I 072011
Pigden, W J 064346
Pigott, C D 066860
Pigott, C D 072114
Pihelgas, V 064267
Pilat, K 063856
Pilat, K 063858
Pilat, K 063859
Pilat, K 063861
Pilet, P E 068149
Pilipushko, V N 071934
Piliugin, L M 072271
Pilla, A M 064156
Pillai, G R 072085
Pillai, K S 069201
Pillai, K S 070353
Pillai, N M 063422
Pillai, P M 062930
Pillai, P M 063742
Pillai, R N 068210
Pillai, R S N 069759
Pillon, D 070131
Pilui, A F 064533
Pimley, R W 070922
Pineda M, J 064713
Pineiro, A 070887
Pinero Venegas, F 065627
Pinevich, V V 067718
Pinevich, V V 067865
Pingale, S V 063365
Pinheiro Junqueiro, M 068683
Pinho, A C de 071010
Pinske, V 063897
Pinthus, M J 067122
Pintilije, K 068908
Pinto da Cunha, H M 070197
Pinto da Fonseca, J 071333
Pinto, A A 065232
Piotrowicz, B 070176
Pipano, E 065616
Pipes, W O 072615
Pipie, A 067190
Pipie, A 067191
Pipinys, J 067402
Pipkin, F B 064478
Pirchner, F 064872
Pirozynski, K A 069285
Pirtle, E C 065381
Pisanu, M 064157
Pisanu, M 071465
Pisarev, B A 067248
Pisharody, P N 072085
Pitis, S 068852
Pitis, S 068853
Pitis, S 069163
Pitot, H C 071045
Pittman, R A 063824
Pjescak, M 064592
Pkheidze, T A 067523
Pkheidze, T A 067529
Pkheidze, T A 067531
Plaisted, R L 069756
Plancquaert, P 068811
Planel, H 070749
Plank, P 065664
Plans y Sans de Bremond, F 065468
Plans y Sanz de Bremone, F 065469
Planski, B 064537
Plant, J W 065723
Plapp, F W 070603
Plasch, G 063037
Plasch, G 063091
Plasch, G 070671
Plasch, G 070696
Platikanov, N 064916
Platt, B 064135
Plauska, V 066062
Plekhanov, M T 065342
Plekhanova, L S 068144
Pleshanov, N N 065786
Pleskikh, A S 065762
Plesnik, J 065204
Plesnik, J 065205
Plessis, S F du 068960
Plessner, O E 067918
Pleva, V 065903
Plisek, K 065694
Plock, H 069598
Ploszynska, W 071965
Plotnikov, V K 064144
Plourde, R 067421
Pluijm, T van der 062259
Plumlee, M P 064732
Plummer, A E 072290
Plyskanivs'kyi, V O 069572
Pobedinskii, A V 066495
Poberezhskii, L N 071881
Pobisch, R 066004
Pocherniaiev, F K 065098
Pochinok, Kh N 067983
Pod'iapol'skaia, T S 069697
Podboronov, V M 070629
Podeszewski, Z 063429
Podgorny, E 062416
Podgornyi, IU K 068585
Podgorska, B 069855
Podkowka, W 064802
Podlekarev, N N 072148
Podlewska, D 065568
Podlewska, D 065888
Podobedov, A I 065863
Podojil, M 067849
Poe, S L 070434
Poel, P W van der 063852
Pogol'skaia, V I 067983
Pogosian, S A 067255
Pogrebniak, I I 066790
Pohler, W 067085
Pohlmann, H 071426
Pohlmann, R 063309
Pohtila, E 066327
Poignant, P 070131
Poincelot, R P 068117
Pojar, J 066956
Pojnar, E 069739
Pokacka, Z 069453
Pokidov, I I 070651
Pokorny, F A 069090
Pokorny, J 063454
Pokorny, J 063463
Pokorny, J 063472
Pokorny, J 063477
Pokorny, J 063620
Pokornyi, B 068764
Pokrovskaia, N F 068030
Pokrzywka, J 065946
Pol, R 062753
Pol'kheim, F 067180
Polacka, Z 069444
Polackova, D 067915
Polak, J 069721
Polesuk, J 067700
Poli, G 065452
Poliakov, A A 065804
Poliakov, A A 065841
Poliakov, E M 070632
Poliakov, IE H 066403
Poliakova, L V 068586
Polidori, F 067897
Polikarpov, N P 066245
Polikarpov, V P 071666
Polikhronov, D 064913
Poling, E 062875
Polisky, J 065926
Polivoda, D I 064493
Polizu, A 063116
Polizu, A 070352
Polizu, A 070460
Polizu, A 070707
Polkhovskii, V A 065348
Poll, L 072046
Pollack, F G 069514
Pollajrd, R 066854
Polley, R W 069532
Pollhamer, E 068018
Pollhamer, E 068693
Pollkhamer, E 067175
Pollock, K A 072103
Pollock, R 069127
Polman, R G 063478
Polner, T 065470
Poloczek-Adamowicz, A 065955
Polojska, U 071895
Polovitskii, I I 072333
Poluben', G S 068710
Poluektova, E V 071040
Polukarova, L G 071041
Pomeranz, Y 063723
Pomeroy, B S 065380
Pomeroy, B S 065390
Pomeroy, B S 072486
Pomeroy, M K 067932
Pond, W G 064438
Pond, W G 066323
Pondicq, R 070377
Poneleit, C G 068752
Ponert, J 066676
Pong, W Y 066546
Ponikiewska, A 064089
Ponomarchenko, N S 068377
Ponomarev, E I 062454
Ponomarev, V D 067495
Ponomareva, E A 062468
Ponomareva, E A 062606
Ponomareva, E A 069924
Ponomareva, E A 069929
Ponomareva, L A 065988
Pons, A 066645
Pontailler, S 064597
Pontis, R E 069692
Poole, H A 069755
Poosch, K H 063010
Pooswang, W 067464
Pop, I 069645
Pop, I 069648
Pop, L 072206
Popa, C 069386
Pope, R B 066311
Popel, A T 068343
Poperelia, F A 067217
Popescu, C S 065146
Popescu, C S 065672
Popescu, D 064201
Popescu, F 068185
Popescu, F 068187
Popescu, G 066816
Popescu, G 066902
Popescu, I C 072469
Popescu, I I 068853
Popescu, M 069164
Popikov, P I 071623
Popkov, V N 063684
Poplawski, J 066075
Popov, A 063357
Popov, A 065751
Popov, A D 063468
Popov, A T 066355
Popov, E B 071368
Popov, IU G 067048
Popov, S 071680
Popov, S S 067556
Popov, V A 071451
Popov, V F 068478
Popov, V I 069405
Popov, V IA 072072
Popov, V P 068583
Popov, V P 071885
Popov, V V 067352
Popov, V V 072196
Popov, V V 072463
Popova, D 067384
Popova, I 067142
Popova, N A 064024
Popova, N M 063439
Popova, O S 068583
Popova, O S 071885
Popova, R K 067218
Popovici, A 071554
Poppe, J A 069340
Poppe, J A 070136
Popugaev, M M 062383
Populer, C 069330
Pore, J 063435
Porokhnevich, N V 068074
Porsch, S 062356
Porsch, S 069022
Porskamp, H A H 071603
Porter, C A 067921
Porter, D M 066626
Portier, J C 071444
Portugal, M A S C 065429
Portugal, M A S C 065638
Pos, J 072015
Poschacher, G 062136
Poschacher, G 062835
Posey, C J 072283
Poskrobko, W 066526
Posluszny, U 066958
Poso, S 066196
Pospelova, IU S 068340
Pospelova, IU S 068385
Pospelowa, G 062967
Pospisil, Z 065373
Pospisil, Z 065899
Postel, W 063716
Postner, M 070565
Postoeva, E V 068617
Postoeva, E V 071726
Posza, I 072398
Potapenko, IA I 067237
Potapov, N G 067041
Potapov, N G 067833
Potapov, N G 068073
Potapovich, Z Z 062249
Potaturkin, V A 065812
Potgieter, J J 062344
Potier, P 067851
Potlaichuk, V I 066596
Potoskaia, V A 071102
Pottebaum, P 062609
Potter, J W 069873
Poutsa, N M 071364
Pouzar, Z 066664
Povazhenko, I O 064544
Povazhna, T M 070631
Povolny, D 071124
Powe, T A 065230
Powell, C J 066154
Powell, H S 065393
Powell, J M 069281
Powell, J M 069512
Powell, S H 066042
Powers, W L 067885
Poyarkova, N M 068095
Poyarkova, N M 068430
Pozgaj, A 066424
Pozhar, I B 067172
Prabhakar, A S 062478
Praetorius, R 071615
Prajapati, M C 072279
Prakasa Rao, P S 070348
Prakash, O 069369
Prakash, O 069381
Prandl, O 063039
Prangov, T 063669
Prasad, B 062307
Prasad, N 069354
Prasad, N N 069365
Prasad, S K 069822
Prasad, S S 069376
Prasad, T 069368
Prasad, Y 069350
Prasertphon, S 070259
Praslicka, M 066026
Praslicka, M 066027
Praslicka, M 066028
Prasolova, M F 068161
Prati, A 065466
Pratt, B H 069255
Pratt, J N 068638
Pratt, R G 067092
Precht, D 063528
Precsenyi, I 066826
Predki, S 070497
Predko, I G 072064
Predko, I H 072221
Prentice, J H 063526
Preobrazhenskaia, E A 065796
Prepin, J 064938
Pres, J 064788
Pres, J 064789
Prescott, J H D 064619
Pressman, E K 067028
Prest, K W 068184
Preston, A P 068973
Preston, A P 069091
Preston, H A 072422
Prestt, I 072529
Preuss, F 065356
Prevost, M F 066925
Prevost, M F 067484
Prevot, A 063289
Prevot, A 063434
Prevot, A 063464
Priadchenku, A 067187
Price, C 062624
Price, H 062959
Price, M J 069227
Price, R 070367
Price, W C 069624
Priebe, D 071541
Priebe, K 063040
Priest, F G 063394
Prieto Soler, J M 063364
Prihar, S S 072087
Priilinn, O 067068
Priilinn, O IA 067195
Prikhod'ko, G M 071977
Prikhod'ko, V A 067699
Prillinger, F 063981
Prillinger, F 063982
Pristavko, V P 071005
Priszter, S 066578
Pritchard, G 071154
Pritchett, R F 065514
Pritula, A S 065486
Pritula, A S 065847

Pritula, A S 065849
Pritula, A S 065862
Pritulin, P I 065488
Prljincevic, M B 066909
Probst, F W 062769
Prochal, P 072348
Prochazka, Z 064589
Prochazka, Z 064590
Prochorov, V I 071632
Procter, A R 066528
Proctor, J M 069993
Proctor, J M 070067
Prokhvatilov, IU F 066354
Prokof'ev, A A 067841
Prokopenko, A P 067532
Prokopenko, N I 070544
Prokoshev, V N 068704
Proksch, G 067412
Proksova, M 064921
Prokudina, V F 070153
Prokupek, K 065690
Prokupek, K 066051
Pronchenko, T S 069400
Pronina, N B 068334
Prospero, A O 068158
Prosser, M V 067594
Protchenko, L N 064096
Protoklitova, T B 066111
Protopopova, E M 067161
Proudfoot, B 062181
Proulx, J 064965
Proulx, J E 064618
Proveaux, A T 066484
Proverbs, M D 070784
Provost, A 065619
Provost, A 065621
Prunescu, A 068493
Pruss, O H 065830
Prym, R 064054
Pryor, W J 063609
Przybylkiewicz, A 065041
Przyjalkowski, Z 064163
Pschorn-Walcher, H 071246
Pshebel's'kyi, V V 072221
Pshedetskaia, L I 069563
Pshedetskaia, L I 069564
Puahkin, A V 068347
Puchkov, IU M 067221
Puchnin, V N 068403
Puchovsky, J 064259
Puckett, K J 067731
Pugachev, P G 066877
Pugh, C R 062402
Pugh, G J F 069147
Pugliese, F A 067703
Pujic, D 064797
Pulawski, W 071303
Pulich, W M 067553
Pulich, W M 067630
Purazrang, H 063343
Purcell, A E 063962
Purkayastha, R P 068040
Purkayastha, R P 069352
Purkayastha, R P 069363
Purkayastha, S K 066338
Purohit, A N 068284
Purohit, D K 069366
Purohit, D K 069379
Purohit, G R 064404
Pursley, R E 062510
Purtov, G M 072120
Purushotham, A 066485
Purves, W K 068453
Purvis, J L 067423
Pushkin, A S 062523
Pushparajah, E 062554
Pushparajah, E 067787
Pushparajah, E 072179
Pustiglione Netto, L 065431
Pustokhod, G P 063802
Pustovoi, I F 065837
Pusztai, A 068273
Pusztai, A 071975
Puthz, V 071169
Puthz, V 071170
Putman, J W 066303
Putnam, A 062959
Putova, M A 064538
Puttarudrappa, A 067277
Puttarudrappa, A 069380
Puttkammer, K 066463
Puzzilli, M 070202
Pybus, J N 063814
Pynzar', S L 067215
Pyron, J H 068993
Pysovs'ka, H V 069657
Qamar, F 067592
Quaife, M L 064659
Qualset, C O 067975
Qudrat-e-Khuda, M 068090
Queddeng, A 063993
Quednau, F W 071150
Querido, L R 063267
Querido, L R 068426
Quick, J S 068777
Quijada R, M 066370
Quillet, J P 062451
Quilty, J A 072292
Quinby, J R 067967
Quinn, J G 072617
Quintanilla, E 063706
Quintero, J L 068692
Quiroga, D 063375
Quiros-Guardia, R 062717
Quist, J A 071210
Quitrakul, R 068274
Quittenbaum, G 067365
Qureshi, A K 063188
Qureshi, M I 067748
Qureshi, M S 067283
Qureshi, M S 070355
Qureshy, J I 072581
Qutierrez, V 066370
Qwist, F 062495
Raab, C A 063960
Raabe, R D 069766
Raafat, A 068448
Raastad, J 070986
Raastad, N 064770
Rabelo, R 063809
Rabenda, A 071478
Rabensteiner, G 066402
Rabensteiner, G 068607
Rabinovich, S V 063738
Rabinovich, S V 068694
Rabinovych, A S 069839
Rabotnov, T A 066875
Rabstad, L 066509
Racz, G J 072006
Raczkiewicz, J 071484
Radchuk, M F 066163
Radev, G 065193
Radewald, J D 069766
Radhakrishnamurty, R 070881
Radionenko, A IA 067376
Radiukina, N A 068347
Radjabi, G 070463
Radjabi, G 070898
Radkov, D 072228
Radomski, J 066887
Radosavljevic, G 071571
Radov, A S 072073
Radtke, H E 070890
Radwan, A H 069136
Radzinskaia, L E 071407
Rae, D 066186
Raevuori, M 063658
Rafi-uz-Zaman, M 069678
Ragnarsson, K E 063976
Rahdukar, W B 071597
Rahe, D H 062674
Rahe, J E 069492
Rahman, L 070993
Rahman, M M 063761
Rahman, M M 063967
Rahnefeld, G W 064959
Rahong, M 069774
Raiko, O P 068867
Raillard, D 068810
Rains, D W 068099
Rains, D W 069829
Rains, D W 072555
Raja, M E 072154
Rajagopalan, C K 068660
Rajakoski, E 064502
Rajan, K M 069309
Rajan, S D 063744
Rajan, S D 063745
Rajan, S D 072095
Rajan, S D 072096
Rajaram, S 069372
Rajaratnam, J A 067566
Rajaratnam, J A 067567
Rajaratnam, J A 072021
Rajaratnam, J A 072022
Rajya, B S 065499
Rakes, A H 064743
Rakes, J M 071995
Rakesh, O S 068659
Rakhimberdiev, A A 065341
Rakhimov, K R 064750
Rakhimzhanov, Zh A 064928
Rakhmanov, R R 071104
Rakhmatov, N A 068144
Rakhmatullin, R G 071413
Rakhteenko, I N 068538
Rakhymberdiev, T A 064269
Rakisheva, Ch S 068858
Rako, A 064206
Rakotondramary, E 065620
Rakowska, E 063461
Raldugin, V A 068531
Ram, H Y M 067451
Ram, R B 071735
Rama, F 064408
Ramaiah, M 067822
Ramajo Martin, V 065629
Ramamoorthy, I N 063745
Ramamoorthy, I N 072096
Ramamoorthy, N 063744
Ramamoorthy, N 072095
Ramamurthy, A A 063112
Raman, R 062895
Raman, V S 067323
Ramanujam, S 066974
Ramati, A 067574
Ramazoanova, L Kh 068221
Ramishvili, G G 069228
Ramisse, J 065620
Ramisz, A 065556
Ramos Ayerbe, F 063364
Ramos, E B 069113
Ramos, P R 069212
Rampa, L 071630
Ramsay, W R 065413
Rana, M S 067167
Ranadive, A S 063239
Randel, R D 065018
Randell, R 069057
Randhawa, A S 067268
Randhawa, A S 069345
Randriamampianina, R 065620
Randy, H A 064427
Rangamannar, K T V 072091
Rangaswamy, N S 067916
Ranke-Rybicka, B 070744
Ranke-Rybicka, B 070746
Rankin, K 066194
Rankin, K 066423
Rankovic, M 069720
Ranner, E 063574
Ranney, C D 069875
Rantz, S E 072467
Rao, A S C P 067855
Rao, A V 063370
Rao, C G P 066986
Rao, C G P 069373
Rao, C K 066970
Rao, C S 063028
Rao, D 063020
Rao, D 066756
Rao, G 063462
Rao, G M 063370
Rao, K L 072356
Rao, K P 070878
Rao, K R 066338
Rao, K V 068036
Rao, N S S 067664
Rao, N S S 068123
Rao, P V 072280
Rao, R E 063385
Rao, S R V 067275
Rao, T V M 062682
Rao, V 066763
Rao, V G 069307
Rao, V G 069375
Rao, V N M 068386
Rao, V N M 069072
Rao, V R 067664
Rao, Y R V J 070353
Rao, Y Y 068733
Rasanen, L 063271
Rasheed, S 070663
Rashkes, Ya V 067504
Rashkes, Ya V 067506
Raskin, M S 070162
Rasmussen, F 063059
Rasmussen, F 064379
Rasmussen, G K 068443
Rasmussen, W W 072417
Rasmussens, B B 066508
Rasnitsyna, N M 070666
Rasoanaivo, P 067851
Rasolofomanana, P 065620
Rastoin, J L 062310
Rastoin, J L 062850
Rasulova, D A 067973
Rataj, K 070163
Ratajczak, K 065945
Rath, G 065137
Rath, N 070079
Rath, N 070084
Rath, N 070091
Rathay, S 066281
Rathi, K S 072090
Rathjens, B 070798
Rathkamp, W 064311
Ratho, S N 067270
Rathore, D N 072024
Ratkowsky, D A 063351
Ratner, A 068053
Rauch, F 070578
Rauch, F 070608
Rauch, F D 069037
Raulston, J R 071057
Rauluszkiewicz, S 064455
Rauluszkiewicz, S 065178
Rauluszkiewicz, S 066007
Rauramaa, A 064503
Raushenbakh, IU O 064495
Rautavaara, T 072143
Ravanko, O 066885
Rave V, G 065480
Ravel D'Esclapon, G 069125
Ravel d'Esclapon, G de 069885
Raven, P H 066700
Ravikovitch, S 068658
Ravise, A 069469
Ravkin, A S 067048
Ravoux, G 063026
Rawat, B S 066481
Rawla, G S 066646
Rawlings, C A 070623
Rawson, J E 068813
Ray, B 063034
Ray, P K 063693
Ray, P M 068440
Ray, P M 068441
Ray, S 065504
Ray, S 065508
Raybould, J N 071072
Raychaudhuri, S P 069622
Raychaudhuri, S P 069642
Raymond, J C 070073
Raymond, J E 063616
Raymond, M N 063521
Raza, S H 072110
Razoznaev, K M 064927
Razumova, L A 062183
Razumovskii, A G 068706
Razuvaev, N I 064026
Razuvaev, N I 064029
Razzaq, A 067747
Rea, C C 071514
Read, D J 067733
Read, G W 067774
Read, J L 064118
Reade, M G 066543
Reagan, R L 066048
Reagan, R L 070734
Rebeiz, C A 068445
Rebeiz, C A 068446
Rebeiz, C C 068446
Rebeyrotte, P 064338
Rebrova, G I 072072
Red'kin, I P 065995
Red'ko, T A 069667
Redclift, M 062217
Reddi, G H S 072091
Reddy, A R 070451
Reddy, C R 065919
Reddy, M S 065531
Reddy, S N 072091
Reddy, S R 072091
Reddy, Y R 072616
Redman, H C 065905
Reed, J K 070730
Reed, J K 070731
Reed, W L 071512
Reedy, M K 070803
Reedy, M K 070804
Reepmeyer, G A 071430
Rees, H 068014
Reeve, R M 066922
Reeve, R M 066923
Reeves, A F 067294
Reeves, D M 071312
Reeves, T G 069944
Reeves, W A 063195
Reeves, W A 063196
Reeves, W A 063835
Reeves, W A 063840
Reeves, W A 063841
Reeves, W A 063843
Regan, R W 072016
Regling, H 072030
Regnault, Y 070186
Regnier, F E 070923
Regnier, F E 070928
Regos, B 063598
Regos, B 064142
Regupathy, A 069641
Regupathy, A 070455
Rehora, M 063079
Rehrl, K 064077
Reicheneder, E 063308
Reichholf, J 070267
Reichman, G A 072431
Reichmann, M E 069717
Reichmuth, J 063500
Reid, D F 069973
Reid, J T 069876
Reid, L D 064665
Reid, M 069137
Reid, W H 068540
Reifsnyder, W E 066079
Reikersdorfer, E 063151
Reimer, S 068276
Reimers, F E 067894
Reimers, G 068841
Reimers, G 069153
Reinach-Hirtzbach, F de 067850
Reinbergs, E 067098
Reinbold, G W 065531
Reine, A H 063826
Reinecke, P 066723
Reinefeld, A 063866
Reinefeld, E 063866
Reiner, L 063718
Reiner, U R 064570
Reiners, J C 068233
Reinfelde, L 072142
Reinhardt, C 071016
Reinhardt, P 066751
Reinhardt, R M 063835
Reinhardt, W 063303
Reinhart, K G 066391
Reinhold, L 068442
Reisch, H C E 062969
Reisch, J 070537
Reisenauer, H M 068126
Reisenauer, H M 072012
Reiser, P L 071238
Reiss, F J 062798
Reiss, J 069921
Reitemeyer, D 063725
Reithmeier, R 065964
Remeslo, V N 068700
Remeslo, W 067278
Remm, E 071126
Remmen, J W A 065313
Remon, I J 063567
Remy, P 062433
Remy, P 062931
Renger, G 068272
Renger, M 071808
Rengo Murnik, M 070865
Renner, E 063509
Renner, E 063575
Renner, E 065673
Rennie, D A 072007
Rennie, R J 072007
Rensi, G 066312
Renton, A R 064617
Rentz, D C 071111
Repetun, S I 072372
Repin, M S 062538
Reppert, J N 068849
Reppo, E A 071924
Reshetkina, N M 072399
Reshetnikov, A G 065779
Ressl, F 070972
Ressl, F 071244
Restivo, R J 067409
Retan, A H 069916
Retan, A H 069917
Retnakaran, A 070530
Rettich, F 070613
Retz, G A 072307
Retzlaff, H 071186
Reuning, R H 064300
Reuss, J O 072364
Reuter, G 063142
Reuter, G 063540
Reuter, H 064160
Reuter, H 065047
Reutskaia, L M 069568
Reveal, J L 066680
Revina, G I 068472
Revol, J F 064015
Revut, I B 071920
Revut, I B 071923
Revut, I B 072196
Revut, I B 072312
Revut, I B 072327
Revut, I B 072465
Revut, V I 072193
Revut, V I 072462
Rexilius, L 063866
Rexroth, E 065654
Rey, C R 063169
Reyes Q, J A 070667
Reyna, E H 069542
Reynaud, O 064939
Reynolds, C S 067595
Rezende-Pinto, M C de 067023
Reznik, O I 062600
Reznik, V N 070360
Rezvatova, O I 070965
Rezwani, A 070767
Rhoades, M M 067287
Rhoades, R W 066084
Rhykerd, C L 062512
Rhykerd, C L 067884

Rhykerd, C L 071985
Rhykerd, C L 072054
Riabchuk, D I 072116
Riabinina, M I 067039
Riabov, I N 067258
Riabov, I N 067351
Riabtsev, H O 071692
Riabtsev, M I 065790
Riabukha, A S 071950
Riasichenko, I K 072314
Riaz, S 068089
Ribadeau-Dumas, B 064297
Ribera, A 070887
Ribereau-Gayon, J 064009
Ribly, C 062508
Ribly, C 071556
Rice, J C 072154
Richard, C 072596
Richards, A J 066634
Richards, E S 066124
Richards, G N 064444
Richardson, D 062694
Richardson, D H S 067731
Riche, H H L 071780
Richerson, J V 070553
Richter, C 066535
Richter, D 066285
Richter, D 069903
Richter, D 072026
Richter, F 066466
Ricker, H S 062692
Ricketts, T R 067740
Ricks, D 062960
Ricordeau, G 064943
Ricordeau, G 064946
Riding, R T 068515
Riedl, T 071304
Rieger, C 071226
Rieke, P 062963
Rieley, C E 070058
Riemann, H 063052
Ries, S M 069500
Riewe, M E 064853
Riewe, M E 064854
Riffle, J W 069525
Riffle, J W 069880
Riger, A N 072314
Riggs, J K 064849
Riggs, J K Agricultural Experiment Station 063661
Riggs, J K Agricultural Experiment Station 064848
Riggs, R D 068622
Riggs, T J 068048
Riguad, J 070891
Riis, H 067400
Riis, H 071729
Rijven, A H G C 067911
Rikhter, A A 067257
Rilling, K E 071641
Riman, L 067388
Riman, L 067390
Rimon, D 068250
Rimpler, H 067852
Rinaudo, M T 064355
Rindge, F H 071128
Ring, C 063182
Ring, C 065296
Ringer, K 062924
Rinkon, R 066109
Rinno, G 072025
Rios C, D 063101
Riotte, L 069108
Rioux, J A 071343
Riov, J 068324
Rippen, A L 062953
Rirchhoff, H 065424
Rispens, B H 065666
Rispens, B H 065834
Ristanovic, M 069579
Ristic, M 065446
Ristow, H 070894
Risueno, M C 067030
Ritchey, P N 062224
Ritchey, P N 062830
Rivers, J M 063253
Rizwan, M 067614
Rizzini, C T 067647
Rjabtschun, O P 066999
Roach, B A 066393
Roback, S S 071110
Robbers, J E 067629
Robbins, M L 070215
Roberson, E L 065894
Robert, P 072255
Roberts, A N 068576
Roberts, G R 063322
Roberts, G R 063323
Roberts, H A 070054
Roberts, H A 070226
Roberts, J 062680
Roberts, J 065000
Roberts, J 066570
Roberts, J C 067538
Roberts, J G 062160
Roberts, L 069979
Roberts, L 069980
Robertson, H A 064960
Robertson, H A 070889
Robertson, J 068436
Robertson, K R 066627
Robertson, L W 067629
Robins, A W 063333
Robins, S M 064313
Robinson, A G 064352
Robinson, A S 070784
Robinson, D W 064412
Robinson, D W 065933
Robinson, D W 070014
Robinson, R 065022
Robson, J 065880
Robson, J 065883
Robson, T O 070098
Robson, T O 070100
Robson, T O 070101
Rocek, I 066499
Roche, E 066113
Roche, M 072443
Rockwood, D L 069488
Rod, P 072591
Rodale, R 062281
Rodella, R J 071038
Rodevich, B 067186
Rodger, C D 070802
Rodigin, M N 069417
Rodin, I I 065161
Rodin, S D 070650
Rodionov, V S 068331
Rodionova, G V 064538
Rodney, D R 068362
Rodney, D R 071389
Rodrigues, C 070661
Rodrigues, C 070662
Rodriguez Berrocal, J 064640
Rodriguez Rodriguez, J 064010
Rodriguez-Barrueco, C 068513
Roebuck, J F 069994
Roebuck, J F 069995
Roeck, W 065244
Roeder, A 066220
Roeder, A 066223
Roeraade, J 063713
Roeske, H 064638
Rogalski, M 064469
Rogers, C E 068844
Rogers, C E 069558
Rogers, D R 062405
Rogers, E 072010
Rogers, H T 072352
Rogers, M 066133
Rogers, M J 069893
Rognon, J 070131
Rogoll, H 069787
Roguski, K 069097
Rogut, V S 072187
Roh, S M 068368
Roheim, P S 064659
Rohlicek, J 064921
Rohr, K 064871
Rohrig, E 066330
Rojas, M 064334
Rojik, I 069932
Rojik, I 069933
Rola, F 070237
Roland-Gosselin, Y 062859
Roll-Hansen, F 069437
Roll-Hansen, H 069437
Roll-Hansen, J 072043
Rollier, M 068632
Rollier, M 068812
Rollins, G H 064599
Rolseth, B M 070791
Rolston, L H 071223
Rolz, C 063706
Roman, M 070460
Roman', P 062399
Romanenko, D I 071694
Romanenko, G N 062374
Romanenko, V F 065830
Romanenko, V P 065575
Romani, R J 068450
Romaniuk, K 065562
Romanova, A S 067812
Romascu, E 069824
Romeikis, M A 066918
Romeiser, G C 066567
Romek, B 069854
Romero Rodriguez, J 065628
Rommann, L M 068798
Rommann, L M 068799
Ron, I 063537
Ron, I 063538
Ron, N 065614
Rondomanski, W 069449
Ronnebeck, W 069785
Ronningen, K 065107
Rood, J P 064281
Rooney, H M 066679
Rootes, D G 065374
Rooth, J 072528
Rosa, W 066293
Rosbash, M 065049
Rosche, I 068909
Rose, F 066707
Rosenbaum, G 070805
Rosenberger, E 071429
Rosenberger, G 065229
Rosenow, D T 069557
Rosenow, D T 070405
Rosenstock, G 068260
Roshchin, Yu V 067513
Roshchin, Yu V 067522
Rosin, G 064756
Rosinskii, V M 063798
Roslanowski, K 065043
Roslavtseva, S A 070628
Rosliakov, N V 071590
Rosocha, J 071442
Rosocha, J 071443
Ross, C G 069961
Ross, D J 071836
Ross, H H 070888
Ross, I K 066739
Ross, I S 069262
Ross, I S 069263
Ross, J A 062762
Ross, J M 069224
Ross, M D 067166
Ross, M H 070914
Rossi De Simons, N H 071319
Rossignol, B 064331
Rossignol, J L 067309
Rossini, A J 065409
Rosskamp, R 062793
Rossler, Y 070847
Rossler, Y 070848
Rossner, W 065305
Rossner, W 065306
Rossomando, E F 067711
Rost, F 066161
Rost, T L 066940
Rostel, H J 067082
Rostotskii, B K 067507
Rosu, L 068494
Rosu, M 065632
Roszkowski, J 065041
Rotaru, I 064525
Rotaru, I 065144
Rotaru, I 065145
Rotcens, K 066494
Rotermund, L 064400
Roth-Bejerano, N 068076
Roth, H J 072561
Roth, T F 064323
Roth, Z 065755
Rothe, G 067436
Rothe, M 063768
Rothenbuhler, V 070855
Rothschild, M 071029
Rotilio, G 064325
Roughan, J A 063129
Round, F E 067014
Round, F E 067018
Rousseau, M J 063573
Roussel, J P 070857
Rousselle, M A 063822
Rousselle, M A 063834
Rousset, G 071343
Rouy, H 062873
Rouy, M 062860
Rowe, R P 069580
Rowland, J M 071220
Rowlands, G J 064956
Rowlette, M 068628
Rowson, L E A 064953
Roy, I 066758
Roy, N K 070706
Roy, P 070880
Roy, S K 066969
Royavee, E 066494
Royer, G P 064420
Royer, M R 066214
Rozanov, B G 071834
Rozell, M 069109
Rozen, J G 070762
Rozgoni, I I 065998
Rozkosny, V 065373
Roztocil, V 065213
Rubaj, B 065947
Rubido, J 067570
Rubin, B A 068282
Rubin, B A 069249
Rubin, J 063491
Rubin, L B 067831
Rubinshtein, M I 072326
Rubtsova, N N 070545
Ruckenbauer, P 068047
Ruckenbauer, W 068914
Rucker, H 062502
Ruckert, G 071901
Ruckes, E 062790
Ruckes, E 062792
Rudakova, E V 067986
Rudel, R 071663
Rudenko, L P 067786
Rudkin, T H 071648
Rudnicka-Sterna, W 066731
Rudnicka-Sterna, W 067001
Rudnitskii, B A 072117
Rudolph, J 063530
Rudolph, T D 068542
Rudova (zhukova), T S 067588
Rudzka, Z 063856
Rudzka, Z 063858
Rudzka, Z 063859
Rudzka, Z 063861
Ruedi, K 066372
Ruelke, O C 067971
Rufer, R 070442
Ruff, M D 065388
Ruhle, H 062462
Ruhling, W 071618
Ruiter, D de 063702
Ruiz Hernandez, M 064008
Rukhadze, T A 066811
Rukhliada, V V 066066
Rukhliada, V V 066068
Rulko, F 067823
Rullestad, J 064770
Rummler, H J 065275
Rumpler, W 066134
Rupainiene, O 067403
Rupf, E 062644
Rupp, G 071438
Rusakova, G N 072194
Rusalovich, A M 071945
Rusek, J 071123
Rusetskii, V F 071814
Ruskova, K 067141
Ruskova, K 067142
Russe, M W 065211
Russel, H 066038
Russell, C C 069874
Russell, H M 064949
Russell, L B 072542
Russell, R S 069949
Russell, W A 067112
Russell, W A 067127
Russi, H 070829
Russi, K 070829
Russo, M 069716
Rust, I W 062330
Ruszkiewicz, M 069738
Ruszkowska, B 068787
Rutherford, P P 068323
Rutkovski, I V 068560
Rutkowska, U 063210
Rutkowski, A 063269
Rutkowski, A 063431
Rutledge, L C 070609
Rutzen, 065136
Ruy Antao, L A 064893
Ruy de Miranda, E 071893
Ruzickova, J 071706
Ryabushkina, N A 068163
Rybaczyk, L 065560
Rybkina, Ag V 067579
Rycin, E 069017
Ryckman, A 070616
Rydzak, J 067686
Rygg, T 070364
Rygg, T 070474
Rygg, T 070476
Rygg, T 070978
Rygg, T 070982
Rykov, M I 065770
Rylski, I 068241
Ryn, R V 071019
Ryneiski, A B 063846
Rynkis, V A 062456
Ryzhkov, A A 070162
Ryzhova, L V 071877
Rzaczynski, B 068135
Rzaev, I T 068067
Rzedzicki, J 065567
Rzepecki, R 065035
Rzhekhin, V P 063860
Saakian, E G 071733
Saakov, V S 067580
Saakyan, A G 068143
Saalbach, E 067682
Saatov, R 072318
Saatov, R 072464
Saba, L 068135
Sabbe, W E 071994
Sabella, L J 062154
Saber, M 066718
Saber, M 069392
Sabharwal, P S 067563
Sabir, M A 063757
Sabo-Gordienko, N P 071983
Sabo, B 071983
Sabo, E D 072433
Sabry, O A 062262
Sachanoki, S 068509
Sacharow, S 063093
Sacharow, S 063927
Sachmatov, P S 069019
Sachs, I 072550
Sachs, M 064482
Sachse, H 069015
Sackston, W E 069271
Sadahira, M 068016
Sadanandan, N 068732
Sadaphal, M N 069820
Sadaphal, M N 072078
Sadasivaiah, T 072153
Sadauskas, P 065379
Sadhu, D P 064997
Sadykov, S S 063847
Sadykov, Zh 064270
Sadzawka, M A 071909
Saeed, M 068087
Safarov, IU B 065783
Safarov, Sh 068144
Saffle, R L 063616
Saffle, R L 063629
Safo, E Y 071763
Safonov, A F 064527
Safonov, A F 065988
Safonova, G M 067162
Safonova, M P 067841
Sagar, G R 068412
Sagawa, Y 068237
Sage, G C M 067133
Saghir, A R 067874
Saharan, G S 069251
Saheb, S A 065618
Sahin, Z K T 067332
Sahkarova, I A 063780
Sahlo, O F 064504
Sahni, M L 069390
Saho, H 069397
Sahota, T S 070921
Sahu, S K 071800
Sahu, S K 072089
Sahulka, J 068286
Saianova, V V 067713
Saidak, W J 069768
Saiga, S 068690
Saimasaev, S S 067892
Sainsbury, D W B 064228
Sainsbury, J D 062733
Saint-Rat, 063316
Saint-Smith, J H 068813
Saitbaeva, I M 067510
Saito, H 066235
Saito, I 065578
Saito, M 070540
Saito, T 070421
Saito, Y 069686
Sajo, Z 067327
Sakagami, S F 070987
Sakagami, S F 071298
Sakai, A 068549
Sakai, A 068552
Sakai, A 069830
Sakai, E 072492
Sakai, H 067656
Sakai, J 071551
Sakai, K 067422
Sakai, R K 070912
Sakai, T 064158
Sakaida, T 064610
Sakaki, K 065259
Sakalo, N D 067985
Sakharova, T A 064024
Sakomyrdin, A A 065277
Saks, K A 066346
Sakuma, N 068923
Sakurai, J 063401
Salam, A 072168
Salama, F M 063409
Salama, H S 070519
Salamon, P 068108
Salamonsen, L A 064309
Salamonsen, L A 064350
Salanon, R 066660
Salazar, J J 065011
Saldana, G 063957
Saleem, M T 062937
Saleh, Y E 069254
Salem, S A 063965

Salema, R 067022
Sales, A R 069113
Salesse, R 063521
Salgueiro, T A 068820
Saliternik-Givant, S 070926
Sallmann, H P 064907
Salmakov, K M 065808
Salman, A J 064497
Salmane, R 064452
Salmanov, A B 072122
Salmon, J T 071031
Salmonowicz, J 063465
Salmonowicz, J 063466
Salmonowicz, J 063475
Saloman, C H 068184
Salome S Pais, M 067021
Salonga, B R 072599
Saltenis, B 069233
Salter, P J 070035
Salunkhe, D K 063122
Salvadori Del Prato, O 064000
Salzmann, R 068755
Samad, K 070371
Samarin, N A 067250
Samarina, L N 067250
Samayoa A, E 068818
Samborski, D J 062491
Samborski, D J 069288
Samborski, D J 069290
Samborski, D J 069770
Samborski, Z 065176
Sambucetti, M E 063228
Samek, Z 067542
Samek, Z 067543
Samek, Z 067544
Samiilenko, V I 069597
Samimi, A 062524
Samo, A 064535
Samoilova, E M 071846
Samoilova, T M 068866
Samokhvalov, A N 070174
Samolevskii, I IA 068705
Samosenko, N A 064096
Samosvat, L S 070743
Samoto, S 068842
Samsoni, Z 067741
Samsonov, G V 067785
Samuel, E 066802
Samuels, G J 066737
Samuels, W J 072519
Samuelsson, E G 063329
Sanabria, G R de 070866
Sanadze, G A 068590
Sanahuja, J C 063228
Sanchez Acedo, C 065626
Sanchez de Leon, A 070285
Sanchez Tames, R 067754
Sanchez-Diaz, M F 067898
Sanchez-Mejorada R, H 066650
Sanchez-Perez, E 068513
Sanchez, C R S 063710
Sanchez, J A 071738
Sand, F E M J 063304
Sand, F E M J 063305
Sand, S A 067288
Sandakchiev, L S 067028
Sandakhchiev, L 067796
Sandell, A 069086
Sanders, R B 067431
Sandersleben, J V 065261
Sanderson, K C 068223
Sanderson, K C 068224
Sanderson, K C 068225
Sanderson, K C 068226
Sanderson, K C 068227
Sanderson, K C 068229
Sanderson, K C 068230
Sanderson, K C 068231
Sanderson, K C 068232
Sanderson, W B 063533
Sandev, S 064915
Sandholm, M 066076
Sandhu, H S 072082
Sandhu, K S 070146
Sandhu, R S 069351
Sandine, W E 063120
Sandine, W E 063626
Sandine, W E 063692
Sandor, I 063602
Sandoval, R 062260
Sandquist, R E 070553
Sands, W A 070282
Sands, W A 071003
Sandved, G 068355
Sangar, V K 067707
Sangret, M 065475
Sankhla, N 068316
Sankhya, 062246
Sanner, T 067447
Sanoian, M G 071918
Sanov, V N 063800
Sanselme, H 071659
Santhakumaran, L N 066487
Santhanakrishnan, G 071088
Santhanam, V 063008
Santos Pereira, M 064134
Santos, B S 065058
Santos, G A 072169
Santos, J E dos 068259
Santos, N C 072307
Sapek, A 068206
Sapozhnikov, N A 067399
Sapozhnikov, N A 071724
Sappenfield, W P 067115
Sappenfield, W P 069305
Sapra, K L 065061
Sapronov, A R 063793
Sapronov, A R 063799
Sapunova, L A 067007
Sapunova, L A 067717
Saraidarov, B 071678
Saramma, P U 070450
Saran-Rosenzuaig, A 065612
Saraswat, G G 071290
Sarda, I R 064960
Sardana, M G 069346
Sardana, M G 070336
Sardar, M A 070374
Sareen, M L 070811
Sargent, M J 062675
Sargent, T D 070956
Sarishvili, N G 064022
Sarishvili, N G 064028
Sarkar, N K 064445
Sarkisov, A Kh 065352
Sarkisov, A Kh 065484
Sarkisov, A Kh 065486
Sarkisov, A Kh 065849
Sarkisov, A Kh 065862
Sarkisov, A Kh 065867
Sarkisov, A Kh 065870
Sarkisov, A Kh 066066
Sarkisov, A Ky 066068
Sarkisov, K A 065854
Sarkisova, S A 068477
Sarma, K S B 068123
Sarmiento, R V 065601
Sarnats'ka, V V 067692
Sarnats'ka, V V 069656
Sarnats'ka, V V 070634
Sarnecki, J 064177
Sarno, P A 071171
Sarro, F 067897
Sarruge, J R 067826
Sartori, C 064357
Sartori, C 064358
Sarvas, R 068535
Sarychev, IU F 069407
Saryev, G A 065761
Sasaki, H 065940
Sasaki, M 072438
Sasaki, S 065952
Sasaki, Y 063813
Saschenbrecker, P W 070683
Sasiprapa, V 069774
Sass, P 069020
Satarov, N M 067220
Satarova, N A 068167
Satarova, N A 068485
Satava, M 064825
Satek, J 071477
Sato, F 068615
Sato, J 071682
Sato, K 063621
Sato, K 070422
Sato, N 067422
Sato, T 068081
Satonaka, S 066459
Satpathy, J M 070338
Satterlee, L D 063625
Sattler, R 066958
Satyanarayana, T 067632
Saukiavichius, B P 071560
Saumande, J 064940
Saumjan, I K 069016
Saupe, W E 062464
Saure, M 069005
Sautiere, P 064329
Sauveur, B 064290
Savage, K E 070610
Savant, N K 072006
Savchenko, I V 068781
Savchenko, P IU 065832
Savchenko, Z I 064459
Savel'eva, R P 066893
Savellano, R S 065285
Savenko, A V 070145
Savenko, V I 072118
Savenkov, N F 070152
Savescu, A 070351
Savich, B M 065845
Savill, P S 066838
Saville, D G 064643
Saville, D G 064644
Savin, V N 067159
Savin, V N 067197
Savina, A A 067493
Savinova, N 069017
Savory, B M 069983
Savotskii, V V 072122
Savov, D 063205
Savov, D 070736
Savov, N 065695
Sawada, Y 069751
Sawicki, M 062204
Sawicki, M 062206
Sawicki, R M 070636
Saxena, D K 070454
Saxena, K N 070321
Saxena, N P 067037
Sayce, W H 063513
Sayre, J G 063443
Sazonov, A I 065780
Sazonova, T N 064450
Scarth, R D 065012
Schaeflein, H 070971
Schaeppi, H 067036
Schafer, B 067852
Schafer, J H 065015
Schafer, K 062236
Schafer, K 064112
Schafer, K 071611
Schaffer, E 065261
Schake, L M 063661
Schake, L M 064851
Schalm, O W 065915
Schank, S C 064598
Schank, S C 067067
Schanze, K 062352
Schara, A 063147
Schara, A 063547
Scharen, A L 069527
Scharfenstein, H C 063945
Scharfenstein, O H C 063943
Scharpe, A 068390
Scharpenseel, H W 071794
Scharrer, E 064563
Schatzle, M 065210
Schauer, R L 069948
Schaufele, W R 069840
Schauff, M 063070
Schauff, M 063332
Schchegolikhina, L V 064832
Schebeck, E M 062474
Schechter, R D 065907
Schedl, K E 071211
Schedl, K E 071225
Schee, W van der 064879
Schee, W van der 066047
Scheerpeltz, O 071214
Scheiber, E 062794
Scheid, W 067310
Schepper, J de 064362
Scher, S 065540
Scher, S 070622
Scherbakov, A P 064528
Scherbakov, A P 065973
Scherer, A 063310
Schetinina, V I 067401
Scheuring, W 065272
Schib, K 071458
Schick, W 069850
Schiechtl, H M 066400
Schiemann, R 064054
Schiemann, R 064636
Schienbein, A G 062587
Schier, G A 068522
Schiller, G 068556
Schiller, G 068587
Schilling, E 065133
Schilling, E E 071621
Schiltz, P 069777
Schindl, W 062845
Schindler, R A 066125
Schindler, U 070538
Schjelderup, I 072044
Schlegel, H 064149
Schlegel, W 065118
Schlegel, W 065123
Schlegel, W 065124
Schlippe, P de 062444
Schlolaut, W 064223
Schlolaut, W 064754
Schlolaut, W 064767
Schlosser, E 069334
Schluter, M G G 068780
Schmalz, G 065117
Schmauder, G 068873
Schmelzer, K 069722
Schmid, G 065422
Schmid, M J 063355
Schmid, M J 066613
Schmid, R 066613
Schmid, R 066949
Schmidt-Vogt, H 066331
Schmidt, C 072032
Schmidt, D 065119
Schmidt, D R 068313
Schmidt, E 070114
Schmidt, H 063038
Schmidt, J W 068782
Schmidt, R R 069957
Schmidt, W 062582
Schmidt, W 064054
Schmidt, W C 070535
Schmilliar, M 068740
Schmitt, G 062848
Schmitt, J A 067676
Schmitt, O 064295
Schmoldt, A 070673
Schmoldt, P 065276
Schmutterer, H 070850
Schnaider, Z 066137
Schnaider, Z 070556
Schnarrenberger, C 068257
Schneeberger, W 062547
Schneider, G W 068364
Schneider, I S 063675
Schneider, J 069133
Schneider, M 062842
Schneider, W 065262
Schneiderhohn, R 063283
Schnekenburger, F 062462
Schnell, G 071967
Schneyder, J 063984
Schnitzer, M 071750
Schnitzerling, H J 070597
Schnurrenberger, P R 065411
Schnyder, J 066673
Schober, R 066226
Schober, R 066333
Schodel, S 062349
Schoental, R 067469
Schoffling, H 069195
Schole, J 064388
Schole, J 064907
Scholey, J 063900
Scholl, G 069913
Schollenberger, A 066030
Scholten, J J 071927
Scholz, A 063701
Scholz, E 066375
Scholz, F 067302
Scholz, K 070524
Schonenberger, A 071671
Schonherr, S 065234
Schonherr, S 065238
Schonmuth, G 065115
Schonmuth, G 065121
Schooler, A B 070110
Schoonhoven, L M 071030
Schoonover, C O 064194
Schornick, R 069192
Schothorst, M van 063055
Schothorst, M van 064044
Schreck, J J 063723
Schreiber, G 071010
Schreiber, S P 063840
Schrieber, R 063507
Schrieiner, W 070234
Schrimper, R A 062618
Schroder, D J 063125
Schroder, E 066279
Schroder, E 068986
Schroder, E 068987
Schroder, E 069014
Schroder, E 069018
Schroder, J 064764
Schroder, O 068985
Schroder, U 071498
Schrodl, J 071642
Schroeder, G 066280
Schroeder, G 066282
Schroeder, G 066290
Schrofl, J 071510
Schubert, 065312
Schubert, B 062787
Schubert, H 069785
Schubert, J 066376
Schubert, O E 070219
Schubert, O E 070220
Schubert, O E 070221
Schubring, W 062797
Schuchner, A 068663
Schuler, D 064859
Schulke, B 064638
Schuller, W 064901
Schult, W 066281
Schultz, G 065129
Schultz, H B 068236
Schulz, A 063694
Schulz, D 062354
Schulz, E 063232
Schulz, E 064050
Schulz, H 071542
Schulz, S 069025
Schulz, U 071016
Schulze, E F 070003
Schulze, G 062354
Schumacher, R 068479
Schumann, F 069196
Schumann, H 065141
Schumann, L 071544
Schummer, A 064389
Schunke, U 071473
Schuppenies, R 068671
Schurch, A 064391
Schuricht, R 069799
Schurig, M 071613
Schurov, S V 071461
Schurz, J 064013
Schuster, E 066469
Schuster, G J 063530
Schuster, H 066468
Schuster, W 070234
Schutter, M A M de 063852
Schutz, H G 062617
Schutz, S 064053
Schutze, E 064363
Schuurmans, R R 070886
Schvartsman, S R 066730
Schwaeger, D 064057
Schwahn, R 065234
Schwaighofer, A 065174
Schwalbe, C P 070935
Schwandt, G 064680
Schwarmer, E 069025
Schwartz, D M 067743
Schwartz, D M 071854
Schwartz, W L 065301
Schwartze, C D 069004
Schwarz, F 066175
Schwarz, R 065478
Schwarzenbach, A M 067828
Schwede, T C 062993
Schweiger, 072059
Schweigert, B S 063960
Schwenke, W 071074
Schwieger, H G 067796
Schwierz, A 072031
Schwittek, W 062391
Sciandra, R J 070913
Scogin, R 066633
Scothorne, R J 064409
Scott-Emuakpor, M B 067154
Scott, D 072575
Scott, D H 063934
Scott, D H 069044
Scott, G E 067101
Scott, G E 069620
Scott, J 064774
Scott, J G 062272
Scott, M L 064647
Scott, N S 067333
Scott, R K 067920
Scott, R K 069959
Scragg, E B 070074
Sears, E R 067116
Sears, E R 069306
Seawright, J A 070657
Sebastian, G 065279
Sebestyen, E J 064052
Sebrell, W H 063244
Sechniak, L K 068023
Sechniak, L K 068845
Secreast, M F 070590
Sedberry, J E 072137
Sedemera, P 067849
Sedlak, L 062487
Sedlak, L 072250
Sedoev, K S 068003
Sedykh, N V 067579
Seebeck, R M 063608
Seeger, H 065236
Seeger, H 072498
Seeman, M 062149
Segal, L 063820
Segal, L 063832
Segars, W I 068677
Segelquist, C A 066133
Segler, G 071572
Segonzac, G 066812
Segonzac, G 066814
Seguela, J P 071349
Sehgal, C B 067276
Sehgal, J L 071782
Sehgal, O P 069685
Sehnal, F 070245
Sehnal, F 070774
Sehnal, F 070892
Seibold, R 064073
Seidel, E 062582
Seidler, R J 063692
Seifert, H S H 065407

Seifert, J 072453
Seifulin, E M 067408
Seika, M 063436
Seiki, K 063436
Seino, F 064611
Seitz, R 066011
Seitz, U 067425
Seitz, W 066635
Seitz, W D 062940
Seitz, W D 072560
Sekely, W S 062705
Seki, M 069588
Sekioka, T T 068969
Sekowski, B 066795
Sekulow, D B 068013
Selby, L A 064354
Seletskii, V I 072329
Selevtsev, V F 068063
Selitskii, N M 062369
Selivanov, A I 071496
Selivanov, A N 072065
Sell, H M 068248
Selman, B R 068264
Selman, C L 070958
Selsing, P 062328
Sem'ianova, N E 071005
Semancik, J S 069712
Semancik, J S 069715
Semashko, V T 062522
Sembrat, K 066118
Semenchenko, V F 067530
Semenenko, V E 067588
Semenenko, V E 067843
Semenenko, V Z 063793
Semenenko, V Z 063798
Semenenko, V Z 063799
Semeniuk, P 068240
Semeniuk, P 068244
Semeniuk, V S 063801
Semeniuta, A T 065253
Semeniutin, V P 064233
Semenov, A M 062449
Semenov, G N 062929
Semenov, K P 065253
Semenov, N S 065350
Semenova, L M 071105
Semenova, L V 063739
Semenovykh, A P 065817
Semerdzhian, S P 068141
Semerdzhyan, S P 068143
Semernikova, L I 069660
Semiarykhina, S IA 067055
Semig, H 063703
Semikhnenko, P G 071921
Semikhnenko, P G 072314
Semkin, B I 068005
Semkov, M 065193
Semov, P 065725
Semprini, P 065086
Semtankova, M 072185
Sen, A 068210
Sen, G P 065500
Sen, S R 062900
Sen'ko, F F 065795
Senapati, B 070338
Senatarava, T P 071063
Senczek, D 063585
Senczek, D 063655
Senel, S 065183
Senft, W 067157
Senglet, A 071335
Senglet, A 071336
Sengonca, C 070522
Sengupta, D N 065493
Sengupta, G 066483
Sengupta, J 065493
Senkevich, A A 066100
Senlyvyi, V M 068870
Senze, A 065176
Senze, A 065177
Senze, A 065178
Senze, A 065179
Senze, A 065180
Senze, A 065181
Senze, A 066007
Senze, A 066008
Sequeira, L 069580
Seraia, L I 071827
Serderov, S V 067497
Serebriakov, A S 065481
Sergeev, S S 062577
Sergeev, V A 065093
Sergeev, V A 065874
Sergeeva, K D 067244
Sergeeva, N V 067512
Sergeeva, O IA 072131
Sergeeva, V D 065093
Sergiel, J P 063786
Sergiev, V P 070627
Serkerov, S V 067498
Serkerov, S V 068302
Serkiz, L V 067692
Serkiz, L V 069656
Serkiz, L V 070634
Serner, H 072495
Serov, V M 066058
Serova, L F 066238
Serra, G 070112
Serrano, G L de 065083
Serrano, G L de 065293
Serres, H 064818
Serres, H 065620
Servenius, J 071480
Servit, M 071706
Serykh, E A 067814
Sesay, H R 070567
Sese, A B 065286
Sese, A B 065594
Sessler, G J 069043
Sestrienka, A 068879
Sestrienka, A 068880
Sestrienka, A 068881
Sethi, P D 067617
Setser, C S 063624
Settnes, P 065460
Settness, O P 065463
Setty, T K P 062478
Seureau, C 071079
Seuster, H 062539
Seutin, E 070446
Sevcik, B 065694
Sevcik, B 065755
Sevcik, B 065756
Sevecka, L 068876
Sevenco, V 069388
Sever, J L 065421
Severnev, M M 072148
Seviour, R J 067734
Sevola, Y 066203
Sevov, A 067141
Sewell, A P 068323
Sewell, J N 068933
Sewell, M M H 065711
Sexton, H G C 064124
Sexton, H G C 072505
Sexton, R N 062482
Seymour, W R 072607
Sfat, M R 063348
Shabalina, A 064981
Shabalina, A T 065095
Shabalina, V M 069068
Shabanov, M 071412
Shacklady, C A 063451
Shacklette, H T 067862
Shadmanov, R K 068201
Shaeli, F 072424
Shafi, M 067283
Shafi, M 070355
Shafu, M 067284
Shah, S I H 068574
Shah, V C 067275
Shaikh, Z ud D 072110
Shaikh, Z ud D 072111
Shaitan, B I 063001
Shakarova, F I 064021
Shakhbazov, V G 068343
Shakhov, A G 065788
Shakhov, G N 066251
Shakirov, T T 067505
Shakuntalaraju, 072153
Shalushkova, L P 063635
Shama, F 063397
Shama, F 063398
Shameel, M 067017
Shamiatkou, M F 071411
Shamina, Z B 067406
Shamirkhanian, R T 069408
Shanahan, G J 070637
Shands, H L 068609
Shangin-Berezovsky, G 067068
Shanin, I 068804
Shanina, N A 067719
Shanker, K 068725
Shanks, C H 069919
Shanmugam, K 072099
Shanmuganathan, N 069291
Shanmugasundaram, E R B 063058
Shannon, J G 068759
Shapiro, R 064351
Shapovalova, G K 070264
Sharafeldin, M 063613
Sharafeldin, M A 063612
Sharandina, G I 065340
Sharma, A K 071970
Sharma, D C 069622
Sharma, G C 067938
Sharma, G C 068371
Sharma, G L 065717
Sharma, J S 063020
Sharma, K C 072075
Sharma, L C 069357
Sharma, M L 071809
Sharma, P D 069243
Sharma, P L 071391
Sharma, R D 069899
Sharma, R N 065499
Sharma, S C 068726
Sharma, S K 068727
Sharma, S K 070343
Sharma, S L 069371
Sharma, S N 062880
Sharma, S N 065501
Sharma, U K 065496
Sharma, V 071296
Sharma, V D 064658
Sharma, V D 064663
Sharma, V D 065447
Sharma, V K 070339
Sharma, V K 070340
Sharma, V K 071710
Sharma, V K 072349
Sharon, E M 066961
Sharov, V A 065489
Sharp, J L 070874
Sharp, M A 070953
Sharp, W G 069321
Sharp, W R 062160
Sharples, G C 068252
Shat'ko, P D 065839
Shataeva, L K 067785
Shatilov, I 068884
Shaver, D L 067959
Shavin, A F 072377
Shavrov, L A 067590
Shaw, D L 062588
Shaw, R H 071801
Shaw, R L 062772
Shawa, A Y 063878
Shawkat, A L 068999
Shayam, K 069371
Shcharbakou, U A 068195
Shcheglov, IU V 070152
Shchelokova, I F 064022
Shchepetova, N I 065795
Shcherbakha, IU I 065794
Shcherbakova, A M 068183
Shcherban, O D 069657
Shcherban', N F 065780
Shcherbanovskii, L R 067820
Shcherbina, D M 067223
Shcherbinin, N I 064232
Shchetinin, A N 065802
Shcimanski, H H 069722
Shcriewer, I 066932
Sheals, A E 067150
Shealy, H E 066944
Shear, C B 069051
Shear, G M 068855
Sheard, R W 067929
Sheard, R W 068299
Shearer, B L 069528
Shebeko, V F 072382
Shebeski, L H 068637
Shee, S 062268
Sheehan, M 066618
Sheehan, T 066618
Sheehan, T J 069755
Sheek, J E 065110
Sheichenko, V I 067497
Sheichenko, V I 067515
Sheikh, K H 068058
Shein, A E 064024
Shein, E V 071839
Sheinkar, L S 071664
Sheinkina, N M 068503
Shekhawat, G S 072082
Shekhawat, G S 072088
Shekhawat, G S 072093
Shekhov, A G 066841
Shelan, E F 062863
Sheldrake, A R 068059
Sheleg, P 062498
Shelton, M 064205
Shemesh, M 065016
Shemetkov, A I 066240
Shempel', V I 067869
Shempel', V I 067870
Shen-Miller, J S 068107
Shen, H W 072468
Shen, H W 072609
Shenefelt, R D 071355
Shepard, D C 067794
Shepherd, C J 069255
Shepherd, I 062276
Shepherd, R J 069684
Sheppard, C C 062958
Sheppard, P M 070955
Sheppard, W L 063381
Shepperd, W D 066306
Shere, S M 068087
Shere, S M 068088
Shereveria, N I 067989
Shergin, IU K 065813
Sheriff, N M 068660
Sheriff, R A 062531
Sheriff, R A 072086
Sherlock, I A 071009
Sherlock, V A 071009
Sherman, P 063397
Sherman, P 063398
Shesterkina, V N 062595
Shestopal', O M 069180
Shevchenko, A O 072214
Shevchenko, R V 065779
Shevchenko, R V 065799
Shevchenko, V A 067801
Shevchenko, V A 067803
Shevchenko, V N 069838
Shevchenko, V V 067161
Shevchuk, T 067326
Shevyakova, N I 068487
Shiau, S Y 072429
Shiba, M 071253
Shibaev, P N 068697
Shibalova, T A 065803
Shibanuma, C 063884
Shibata, S 068589
Shibue, O 068615
Shibukawa, S 067947
Shibuya, S 062234
Shidei, T 066235
Shifrine, M 065906
Shiga, M 070467
Shiga, Y 068397
Shigaev, V I 071591
Shih, C 066810
Shih, C Y 066810
Shijimaya, K 064711
Shijimaya, K 064712
Shikata, E 069710
Shikhiev, A Sh 068302
Shikhov, I IA 065092
Shil'nikov, I A 062538
Shildrick, J P 068835
Shilo, M 067601
Shilov, M P 067816
Shim, K K 072172
Shimada, J 071397
Shimada, J 071399
Shimizu, H 071513
Shimizu, K 064448
Shimizu, K 065591
Shimizu, M 067680
Shimizu, T 065401
Shimizu, T 065668
Shimizu, Y 065670
Shimokomaki, M 064313
Shimomura, H 068349
Shimomura, T 069680
Shimoyamane, Y 068016
Shindarov, L 065896
Shingu, T 067672
Shinkarenko, A L 067502
Shinkarev, V P 069407
Shinkarnko, A L 067513
Shinno, H 069038
Shiomi, N 068152
Shipman, R D 070196
Shipton, P J 069479
Shirahata, T 065591
Shiraiwa, H 062360
Shiratori, K 070388
Shiriaeva, E I 067375
Shirinov, F B 065810
Shirinov, I G 067372
Shirsat, S 064035
Shishkin, N I 065865
Shishkina, N G 071847
Shively, J N 065397
Shkurupii, P IA 065097
Shkvarnikov, P K 067194
Shlyk, A A 067868
Shmanenkov, N A 064747
Shmat'ko, I G 066586
Shmidt, V M 066818
Shnaider, T 066918
Shnaider, T 067069
Shnaider, T 067071
Shnain, A H 065544
Shnyrykau, V R 068504
Shoeb, Z E 063409
Shoeb, Z E 063633
Shoenbaum, M 066039
Shoji, S 067953
Shoji, S 067954
Shoji, Y 066564
Shokurov, A E 065149
Shol'ts, M E 072383
Shole, B 071481
Shone, M G T 069949
Shonokhova, N I 064495
Shopina, V V 069410
Shopov, I 065698
Shore, M 063815
Short, D E 070434
Short, G R A 063347
Short, H L 064741
Short, J L 069960
Short, T 068418
Short, T H 068419
Short, T H 068573
Short, T H 071647
Shorthose, W R 063622
Shorthose, W R 064289
Shotaev, A N 064927
Shotton, D M 064312
Shove, G C 071561
Shpakau, A P 064534
Shpakau, A P 064891
Shpirt, M B 070741
Shreter, A M 067518
Shrimpton, D M 068516
Shrimpton, D M 070532
Shrivastava, V K 069074
Shtefyrtse, A A 068381
Shteinbok, S D 068473
Shtenberg, A I 070740
Shternbergs, M T 070948
Shu, C J 062327
Shubladze, K K 072404
Shuffett, D M 062716
Shuffett, D M 062942
Shuffett, D M 062943
Shukhtina, G G 068183
Shukla, D S 069364
Shukla, G C 068129
Shukla, G C 072173
Shukla, G S 071092
Shukla, G S 071093
Shukla, G S 071095
Shukla, G S 071097
Shukla, S D 067618
Shukla, U S 069367
Shukry, N 066520
Shukry, N 066521
Shul'meister, K G 068716
Shul'meister, K G 072308
Shull, J K 067046
Shulman, Y 068375
Shulov, A 070918
Shulyndin, A F 067370
Shumakov, B B 072412
Shumakov, V S 071823
Shumik, S A 068329
Shumnyi, V K 065094
Shumnyi, V K 067354
Shumway, L K 067087
Shumway, L K 067907
Shupenia, I V 068194
Shupenia, I V 068863
Shur, V P 067880
Shurovskii, A G 064750
Shutiaev, A M 068564
Shutka, I 067173
Shutka, I 067174
Shutka, I 068019
Shutova, Z P 068200
Shuyler, H R 069804
Shvartman, P I 070869
Shvedskaia, Z M 068337
Shvinka, IU E 067831
Shvyrev, G I 065778
Shynkarenko, I S 065167
Sial, M A 064728
Sial, M B 064405
Sial, M B 064406
Sial, M B 064728
Sial, M B 065004
Siarova, Z IA 069568
Siashvili, A I 063998
Sibbitt, L D 068773
Sichkar, V I 067378
Sidaway, R M 066097
Sidaway, R M 066228
Siddaramajah, B S 068984
Siddiqi, I U R 068090
Siddique, M M 072108
Siddiqui, M Z 067615
Sidhu, A S 070448
Sidhu, K S 064411
Sidla, L 066920
Sidor, V 064261
Sidor, V 064262
Sidor, V 064263
Sidor, V 064264
Sidor, V 064265
Sidor, V 064266
Sidorenko, N M 065996
Sidorov, M 072478
Sidorov, M A 065491
Sidorov, V E 065772
Sidorov, V E 070648
Sidorova, E K 063805

Sidyakin, G P 067510
Sidyakin, G P 067519
Sidyakin, G P 067520
Sieberhein, K 070115
Siegel, O 062686
Siegel, O 063944
Siegel, O 072563
Siegenthaler, E 063506
Siegenthaler, E J 063569
Siegl, E 067908
Siekierzycki, W 064185
Sieland, W 065127
Sielewiesiuk, J 067654
Sielski, K 064177
Siemens, B 067926
Sienkiewicz, J 072341
Sierankiewicz, J 067416
Sierpinski, Z 070548
Siewert, E 063679
Sigel, C W 067671
Sijpesteijn, A K 067724
Sikora, H 072183
Sikorski, Z 063430
Silbereisen, R 069098
Siler, R 065207
Siliava, V V 063200
Siliava, V V 065684
Silva, R L de 069204
Silva, U L L de 063322
Silva, U L L de 063323
Silveira E Lorena, E 062209
Silveira Neto, S 071038
Silverborg, S B 069544
Silvere, A P 066918
Simakov, V N 071874
Simakov, V N 071935
Simanenka, V P 065153
Simard, R E 072614
Simchen, G 067165
Simco, J S 070596
Simeanu, V 067052
Simeonov, S 065700
Simeonov, S 065983
Simeonoy, B 072176
Simeonoy, B 072298
Simha, K L 062682
Simic, R 068098
Simina, L B 071664
Siminel, V D 067213
Siminovitch, D 067932
Simmonds, F J 070248
Simmons, J B 066593
Simmons, J C 062144
Simmons, J W 068818
Simmons, M 068818
Simmons, R C 069951
Simon, A L 072475
Simon, B 062532
Simon, E 062350
Simon, G 062201
Simon, G 062202
Simon, M 063601
Simon, M 065893
Simon, O 064639
Simon, O 064785
Simon, R 063221
Simon, T 066643
Simon, W 068904
Simonffy, Z 063135
Simonffy, Z 070711
Simonian, G A 065793
Simov, I 065702
Simov, P 064892
Simov, P 065725
Simunek, J 065336
Simunek, J 065375
Sin, G 068908
Sincer, N 064936
Sinclair, J B 069467
Sinclair, J B 069499
Sinel'shikova, Z I 068536
Sineshchekov, A 064777
Singer, R 066762
Singer, R 069430
Singh, A 072090
Singh, A K 068982
Singh, B 064996
Singh, B 064997
Singh, B 072087
Singh, B K 065212
Singh, B P 064996
Singh, B P 072105
Singh, B R 072105
Singh, C R 062168
Singh, D 067271
Singh, D 070882
Singh, D P 062902
Singh, D V 063339
Singh, G 065495
Singh, G 065500
Singh, G 066713
Singh, G 070448
Singh, G N 066234
Singh, G R 069889
Singh, H 069308
Singh, H G 068726
Singh, H P 063220
Singh, I 069822
Singh, I J 063020
Singh, J 070451
Singh, J P 071091
Singh, J P 071093
Singh, J R 068394
Singh, K N 062176
Singh, K N 072082
Singh, K P 067728
Singh, K S 072232
Singh, K S 072476
Singh, L 072105
Singh, L B 064396
Singh, M 064396
Singh, M 068037
Singh, M M 066482
Singh, M P 065503
Singh, N 065496
Singh, N 069358
Singh, N 071073
Singh, O 068041
Singh, O 068042
Singh, O S 068042
Singh, O S 071710
Singh, O S 072349
Singh, P 064397
Singh, P P 068729
Singh, P P 068735
Singh, R 064986
Singh, R 069584
Singh, R 070449
Singh, R 072080
Singh, R A 069359
Singh, R A 069369
Singh, R A 069381
Singh, R N 072084
Singh, R P 063959
Singh, R P 068728
Singh, R P 068730
Singh, R P 072082
Singh, R S 067271
Singh, R S 067975
Singh, R S 069358
Singh, R S 069378
Singh, S 067268
Singh, S 069345
Singh, S 069823
Singh, S J 069310
Singh, S N 068982
Singh, S N 072090
Singh, S P 068730
Singh, S V 066482
Singh, V 072090
Singh, V P 066974
Singh, V P 068130
Sinha, A 064719
Sinha, M K 069362
Sinha, P K 065498
Sinha, S 069368
Sinha, S K 067906
Sinha, S K 068315
Sinha, U 067016
Sinha, V C 069370
Siniagin, I I 063000
Sinikov, D 068000
Sinitsyn, E M 066111
Sink, J D 062997
Sink, J D 063186
Sink, J D 064413
Sink, J D 064414
Sink, J D 064735
Sink, J D 064736
Sinkovics, G 065547
Sinska, J 067389
Sipe, J D 065584
Sipos, S 072160
Sipos, S 072293
Siqueira Amaral, L B 065913
Siqueira Amaral, L B 066575
Sirbu, Z 065957
Sircar, S M 067914
Sirum, B 072140
Sithananthan, S 070350
Sittmann, K 064961
Sittmann, K 064964
Sitton, J W 069479
Siurin, V N 065764
Siusiukin, V A 065685
Sivak, D A 065800
Sivak, L A 071982
Sivalingam, P M 068593
Sivanadyan, K 067787
Sivarama Sastry, K 069762
Sivasailam, A 062901
Sivtsev, M V 067815
Sivtsev, M V 068218
Sivtsev, M V 069938
Siwicki, S 068789
Sixl, W 071035
Sjo, J 062186
Sjoblom, L 066259
Sjoborg, S 066752
Ska, P 064905
Skakbazov, V G 067454
Skaland, N 068754
Skalski, A W 071306
Skandrani, E 064329
Skarlakidou, M 063582
Skatulla, U 070527
Skedgell, R 066410
Skelley, G C 064824
Skiba, N S 070468
Skierczynska, J 067653
Skierczynska, J 067654
Skinner, G 070418
Skinner, R W 062705
Skirevicius, A 071371
Skjevdal, I 072159
Skladanowska, E 064982
Sklenar, V 065118
Sklenar, V 065124
Skliarov, N A 070235
Skliarova, N P 067212
Skliarova, N P 069637
Skoczek, A 065559
Skoczek, A 070712
Skoda, R 065898
Skogley, C R 068219
Skogley, E 072151
Skold, M D Dept. of Agriculture 063012
Skorkin, G K 064070
Skorkina, A E 064070
Skorobogatko, T I 067699
Skorobogatov, IU A 064928
Skorodowski, M 062195
Skorokhod, V I 071977
Skoropanov, S G 071941
Skorupska, A 070489
Skotnicki, F 065066
Skrocki, C 070382
Skrocki, C 070383
Skrocki, C 070384
Skrocki, C 071021
Skrupskis, W 066473
Skrypnik, V V 068332
Skuhrava, M 071122
Skuhravy, V 071122
Skupyi, V M 062601
Skurski, A 065890
Skuterud, R 070121
Skvortsov, E P 067207
Skvortsov, E P 067208
Skwarlo, K 064244
Skworzowa, E K 063043
Slack, A 065910
Slagsvold, P 062948
Slatter, F J 064193
Slavko, N D 071977
Slavnaia, T S 067713
Slaweta, L 065040
Sledge, G W 062463
Slepets, G P 072388
Sleumer, H 066637
Slinger, S J 064416
Sliusarenko, S N 063796
Sliusarenko, S N 063806
Sliwa, E 070555
Sliwa, S 066031
Sliwinski, Z 071306
Slob, A 066771
Slobodian, S M 068868
Slobodskaia, G A 067997
Slogteren, D H M van 069630
Sloog-Hoebe, A A M 070870
Slosser, J E 070310
Slovacek, R E 067444
Slowik, J 065359
Slowikowska, J 063856
Slowikowska, J 063858
Slowikowska, J 063859
Slowikowska, J 063861
Slugin, V S 065869
Slukhai, S I 067577
Slukhai, S I 072472
Slusarczyk, M 068079
Slyter, A L 064203
Smalii, V T 071827
Smaliukas, D 067402
Smallhorn, P J 062883
Smart, G 072009
Smart, J 071023
Smart, R E 068428
Smeaton, T C 064960
Smerlis, E 069272
Smertin, E M 066103
Smetana, P 064899
Smetankova, M 068146
Smetnev, S I 064146
Smid, B 065903
Smidt, D 064951
Smierzchalska, K 062198
Smierzchalska, K 072584
Smirnoff, W A 070533
Smirnoff, W A 070839
Smirnov, A D 066347
Smirnov, A M 071413
Smirnov, I I 065765
Smirnov, K V 067238
Smirnov, P M 071815
Smirnov, S I 064542
Smirnov, S I 066002
Smirnov, V G 067358
Smirnova-Ikonnikova, M I 068200
Smirnova, L A 069435
Smirnova, V I 068150
Smirous, P 070163
Smith, A 064117
Smith, A 070786
Smith, A C 066623
Smith, A G 070955
Smith, A H 066740
Smith, A L 064066
Smith, A L 068748
Smith, B 065393
Smith, B D 069116
Smith, B E 067737
Smith, C E 066305
Smith, C L 064659
Smith, D 062960
Smith, D C 063158
Smith, D C 070721
Smith, D H 069876
Smith, D T 063644
Smith, E S 064661
Smith, E S 065917
Smith, F A 067646
Smith, F H 068640
Smith, G C 063661
Smith, G C 063662
Smith, G C 063664
Smith, G C 064658
Smith, H L 068625
Smith, H V 065414
Smith, I H E 069028
Smith, I M 065521
Smith, I S 069944
Smith, J B 067121
Smith, J C 069534
Smith, J D 069276
Smith, J D 069285
Smith, J D 069554
Smith, J H E 068960
Smith, K R 070194
Smith, L C 064421
Smith, L H 062512
Smith, L H 072054
Smith, L P 068676
Smith, M G 063042
Smith, M G 065418
Smith, N J 068944
Smith, O B 063359
Smith, P 064673
Smith, P C 065382
Smith, P C 065383
Smith, R A 062663
Smith, R B 069273
Smith, R B 070107
Smith, R E 065458
Smith, R J 069942
Smith, R M 071953
Smith, R R 067114
Smith, R R 069304
Smith, R S 062403
Smith, R S 069510
Smith, S F 062405
Smith, S F 062409
Smith, S F 062412
Smith, S H 069842
Smith, S T 065710
Smith, T 064335
Smith, W E 066551
Smith, W G 072512
Smith, W K 068084
Smith, W R 062858
Smolnik, H D 063715
Smorodin, G S 072313
Smorodin, P I 072325
Smrckova, M 064924
Smukalski, M 068907
Smychnikov, IU I 063163
Snaith, W A 066322
Sneed, R E 071643
Sneva, F A 072115
Snezhko, V L 068338
Snobar, B A 071518
Snowdon, W A 065414
Snyder, F R 064130
Snyder, T A 072546
Snyder, W C 069491
Snytko, A I 072455
Soares Serpa, W 067981
Soares Veiga, J 062440
Soares, J 066522
Sobczak, Z 064170
Sobhani, P 071078
Sobiech, T 065886
Sobiech, T 065889
Sobko, A A 068702
Sobkowska, E 063789
Sobolev, A M 067841
Soboleva, M A 068026
Soboleva, N V 068832
Soboleva, R G 071366
Sobrosky, C W 070904
Sobta, K 062738
Sochyns'kyi, V A 070632
Soderstrom, T R 066799
Soderstrom, T R 067043
Sodnomdorzh, S 066072
Sodnomdorzh, S 066073
Soeda, Y 069463
Soest, J van 066114
Soffietti, S 068809
Sohi, H S 069371
Sohne, W 071582
Soignet, D M 063839
Sojka, W J 065438
Sokol, O N 071695
Sokolov, I D 067049
Sokolov, T 062332
Sokolova, A F 064004
Sokolova, S V 068160
Sokolovskaia, A P 066819
Sokolovskaia, A P 067054
Sokolowska-Rozowa, B 064557
Sokolowska-Rozowa, B 065362
Sokorenko, N V 068699
Solankure, R T 069375
Solberg, K 065051
Solberg, P 063483
Solbrig, O T 066851
Solel, Z 069478
Solem, J O 071258
Solem, J O 071259
Solem, J O 071267
Solem, J O 071268
Solhoy, T 070983
Sollins, P 067559
Solomin, Kh G 062530
Solomon, P H 068548
Solomonov, Kh 065198
Solomonova, L D 064543
Solomonova, O N 065172
Solomos, T 068457
Solov'ev, E B 065677
Solov'ev, P E 071840
Solov'ev, V A 068164
Solov'eva, N K 068065
Solovei, P T 062378
Solpa, J 062754
Solt, G 063772
Soma, H 064446
Somers, I I 063084
Somerville, H J 063394
Somme, L 070474
Somme, L 070476
Somme, L 070978
Somme, L 070982
Somme, L 070985
Somogyvari, K 065266
Somova, N M 065765
Sonea, V 069165
Sonehara, I 071049
Sonleitner, F J 071006
Sonneveld, C 068462
Sonneveld, C 071867
Sontsau, K M 064888
Soo, R 066572
Soo, R 066606
Sood, V K 063346
Soper, D 070059
Sopromadze, A N 063998
Sorelius, L 065590
Sorensen, P E 072495
Sorensen, P E 072497
Sorhaug, T 063483
Soriano, J A 063159
Soriano, J A 065595
Sorin, C 063571
Sorm, F 067544
Sorm, F 070806
Sorokin, E M 067407
Sorokin, T P 068118
Sorokin, V M 064449
Sorokin, V M 064748
Sorop, G 071933

Sosa, G S de 065083
Sosa, G S de 065293
Sosinow, A 067281
Sosnikhina, S P 067358
Sosnovskii,v A 067499
Sosov, R F 065806
Sosulski, F W 063757
Sotilova, N 065742
Sotirov, N 064348
Sottini, E 064600
Soulen, D M 069842
Southcott, W H 064289
Southwood, T R E 066894
Southwood, T R E 071026
Souverijn, J H M 068280
Souza Queiroz, L R de 064198
Souza, N de 068259
Sova, V 067186
Sowa, R 071113
Sowden, F J 071750
Soyer, J 064245
Soyer, J 071118
Sozinov, A A 067217
Spaar, D 069784
Space, J E 066302
Spadiut, H 065174
Spangler, R L 071643
Spanyar, P 063335
Sparbrod, H 069023
Sparham, M 068320
Sparling, J H 071755
Sparrow, F K 066648
Spasskaia, N A 066817
Spasskaia, N A 066818
Spath, G 063406
Spazier, J 071531
Specht, A 071577
Specht, G 072237
Speck, M L 063034
Spek, J van der 069336
Spencer-Jones, D H 069972
Spencer-Jones, D H 070135
Spencer, J A 066097
Spencer, M 063411
Spencer, M 068457
Spensley, P C 063447
Spesivtseva, N A 064098
Spicher, G 063855
Spiegel-Roy, P 068467
Spiegel-Roy, P 068468
Spielberger, U 064114
Spies, J R 063251
Spiewla, E 067654
Spilman, C H 065029
Spindler, F 064132
Spire, D 069627
Spiridonov, IU IA 066827
Spiridonov, IU IA 069937
Spiridonov, IU IA 070152
Spiridonova, G S 066827
Spiridonova, G S 069937
Spiro-Kern, A 071017
Spitze, R G F 062940
Spitze, R G F 072560
Splitter, G A 070623
Splittstoesser, W E 069057
Splittstoesser, W E 072172
Sponholz, W R 068260
Spooner, R L 064954
Sporleder, T L 062690
Sporleder, T L 062698
Spornraft, K 071237
Spradbrow, P B 065412
Springfield, H W 067861
Springfield, H W 068597
Sproge, I 062265
Sprogis, A 062265
Sproul, O J 072501
Spurling, A T 068971
Spurling, A T 069541
Squires, N R W 070075
Sramek, J 064917
Sredzinski, T 065180
Sreekantaradhya, R 068190
Sreemannarayana, O 065497
Sriranganathan, N 063692
Srivastava, A K 068245
Srivastava, A S 070326
Srivastava, A S 070436
Srivastava, D N 069353
Srivastava, G 069071
Srivastava, J L 070326
Srivastava, J L 070436
Srivastava, O P 071778
Srivastava, O S 070347
Srivastava, O S 070580
Sscheller, H 065125
Ssymank, V 067777
St. Pierre, C J 062240
St-Jacques, M 070709
St-laurent, G J 064119
Stabenfeldt, G H 065907
Stace-Smith, R 069683
Stace, C A 066704
Stacey, J K 068308
Stacey, M 070231
Stacey, M 070232
Stacey, M 070720
Stacey, M 071956
Stacey, M 071957
Stacherska, B 070483
Stachowiak, B 062973
Stackhouse, S S 068238
Stadelbacher, G J 069486
Stadelman, W J 063686
Staden, J van 068545
Stadlmann, J 069198
Stahl, W H 066545
Stalbovs, R 072286
Stall, J B 072425
Stallcup, O T 064369
Stallcup, O T 071995
Stam, P 071068
Stamatov, T 065327
Stanchev, K H 064109
Stanchev, S 065748
Stanczak, B 063638
Stanczuk, L 062748
Standara, S 064588
Standridge, N N 063723
Stanev, S 065739
Stanev, S 065749
Stanford, J A 070817
Staniewska, R 065563
Stanislawska, J 070744
Stankov, P 062336
Stankova, M 063883
Stannek, G 062348
Stanning, P J 062675
Stansky, K 070207
Stant, M T 070807
Staples, R C 066947
Stappard, C S 069505
Starbuck, J S 062630
Stare, F J 069781
Starek, M 063115
Starikov, A G 064403
Stark, A 064030
Stark, W S 064368
Starkov, E I 070930
Starkova, T E 065816
Starmach, K 068704
Starnes, J J 066604
Starodubtseva, V P 064824
Startseva, A F 063417
Startseva, L I 072125
Staryns'kyi, H V 067235
Staryszak, J 071948
Stasevskaia, I P 072164
Stasiak, Z 067984
Stasinska, B 072163
Staszkiewicz, J 063789
Staton, H C 066117
Stavrinides, A S 069941
Stazhitski, S 070432
Stazhitski, S 067184
Stearns, R P 067185
Stebbins, G L 072557
Stebliuk, N I 066711
Steblovs'kyi, V P 069399
Steckel, K D 064547
Steckel, K D 062156
Stecker, L 062855
Stecko, V 063235
Stecko, V 068854
Stecko, V 070001
Stecko, V 070210
Steele, H E 070889
Steele, J H 065216
Steele, W 066142
Steenhaut, M 065351
Steenis, C G G J van 066701
Steer, B T 068454
Stefan, K 066151
Stefancic, A 065314
Stefanik, P 066571
Stefanova, S 064914
Stefanowits, P. 072345
Stefanowski, T 065953
Stefel, Z 064336
Stegen, V 063907
Steger, G 065357
Stegman, E C 068406
Steibert, E 063862
Steikhardt, H 064057
Stein, E 069326
Stein, W 070767
Stein, W 071076
Stein, W 071357
Steinberg, M P 063366
Steine, I 070984
Steiner, J 066374
Steiner, M 064859
Steiners, K 066494
Steinhauer, A L 070362
Steinhauf, D 064387
Steinhilb, H M 066506
Steinitz, B 068432
Steinkampf, H 071583
Steinnes, E 071792
Steinsholt, K 063535
Steinsholt, K 063536
Steklen'ov, IE P 065167
Steliukov, M 062496
Stelkhardt, H 068670
Stelmasiak, T 065283
Stemberger, T 066407
Stenberg, D 069603
Stene, J 071445
Stenin, V N 066748
Stenseth, C 070440
Stenseth, C 070441
Stenseth, C 070475
Stenseth, C 070477
Stenseth, C 070979
Stenswick, L E 062669
Stenvert, N L 063769
Stepahova, N T 066973
Stepanchenok-Rudnik, G I 070629
Stepanenko, A V 062460
Stepanenko, G A 067491
Stepanenko, P P 065792
Stepanian, L G 068469
Stepaniuk, N 062337
Stepaniuk, V V 071404
Stepankivs'ka, L D 070632
Stepanov, A I 062528
Stepanov, A M 066103
Stepanov, A V 065819
Stepanov, S N 067234
Stepanov, V V 071875
Stepanova, I V 066870
Stepanova, M V 069423
Stepanovskikh, A S 069415
Stephan, B R 069317
Stephan, G 066536
Stephens, D F 064418
Stephens, T S 063957
Stephenson, D A 072282
Stermer, R A 070568
Stermitz, F R 068388
Stern, E G 066559
Stern, E G 066560
Stern, E G 066561
Stern, J A 068239
Stern, R 066315
Stern, R C 066384
Sternberg, G 063711
Sternhell, S 067537
Sternkopf, G 063776
Sternkopf, G 063988
Stetsenko, N D 067577
Stetson, L E 067956
Stettenheim, P R 064523
Stettler, R F 068584
Steuckardt, R 069232
Steudel, W 069465
Stevens, H 069603
Stevens, M A 067169
Stevens, R E 070561
Stevenson, E E 070105
Stevenson, J A 069514
Stevenson, K R 064047
Stevenson, K R 064048
Stevenson, W R 069689
Steward, F C 067604
Stewart, G D 064804
Stewart, R A 063165
Stewart, R N 068244
Stewart, R W 064354
Stewart, W C 065387
Steyermark, J A 066776
Stiazhkin, V P 066842
Stibic, J 064919
Stickland, N C 064288
Stienstra, W C 069687
Still, G N 070779
Stino, G R 069136
Stoanov, Kh 065983
Stock, J E 065319
Stock, J V D 064362
Stockman, L 066532
Stoddart, D R 066861
Stoen, M 069846
Stohr, W 070128
Stoianov, A 064577
Stoianov, A 065752
Stoianov, K 065981
Stoianov, Kh 066056
Stoianov, Kh 070737
Stoianov, P 065273
Stoianov, S 063201
Stoianov, S 063576
Stoianov, V 065734
Stoianova, M 065199
Stoianova, S 065738
Stoica, G 064525
Stoica, G 065144
Stoica, G 065145
Stoicevic, L J 065687
Stoichovski, P 065978
Stoilov, M 067201
Stoimenov, K 065738
Stojanovic, D 066908
Stojanovic, D 069578
Stojar, B 062397
Stoliarov, D P 066341
Stoll, R 064339
Stoll, R 064340
Stolpe, J 065276
Stolting, W 066218
Stoltz, D B 070911
Stone, B 071752
Stone, J H 072512
Stone, P S 062193
Stone, R B 067956
Stonov, L D 067881
Stopel, R 071553
Storch, R H 070826
Storchschnabel, G 068915
Storey, B T 064319
Storey, B T 068265
Storts, R W 065395
Storz, J 065511
Storz, J 065522
Stott, K G 070076
Stott, K G 070081
Stott, K G 070228
Stotzer, H 066011
Stouffer, J R 064518
Stouffer, R F 069842
Stout, T T 071486
Stovell, F R 070065
Stowe, B B 068449
Stowers, J F 069045
Stoye, M 065184
Strack, 064882
Strafuss, A C 064278
Straka, H 066629
Straley, C 069599
Strang, R M 066836
Strasburger, L V 063087
Strass, E 068913
Strasser, R 062837
Stratton, L O 070903
Stratula, V 068851
Stratula, W 068908
Straub, O 065174
Strazhesko, D N 063802
Strebel, O 071808
Street, H E 068546
Streibl, M 070807
Streitz, H 066216
Strel'bitskii, V F 071624
Strel'chuk, G R 067373
Strel'chuk, S I 067373
Strel'nikov, A P 065796
Strel'nikov, I D 064583
Strel'nikova, G N 070626
Stricker, H W 069080
Strid, A 066702
Striganova, B R 071104
Strijkert, P J 067440
Strinadkin, P S 065779
Stringam, G R 067097
Stringer, A 070077
Stringer, A 070718
Stringer, C E 070238
Stritzke, J F 068798
Strizhachenko, N M 065644
Strnad, P 068825
Strobel, G 069599
Strobykina, R V 064506
Strogonov, B P 067406
Strogonov, B P 068487
Stroink, J B A 063478
Strojna, S 065884
Strojna, S 065885
Stromberg, K 065427
Stros, A 066255
Stroud, D H 063641
Strouts, R G 069315
Strumillo, E 064248
Stryckers, J 070129
Strzezek, J 064971
Strzezek, J 065059
Strzyszcz, Z 066136
Stubbings, B J J 062465
Stuber, C W 067107
Stuckey, H 066185
Studzinski, A 070287
Studzinski, A 070381
Studzinski, A 071331
Stull, J W 063937
Stumpa, A 065899
Stumpf, P K 067909
Stupakov, I A 071728
Stupina, A S 065092
Sturm, H 072150
Sturos, J A 066507
Sturua, Z S 063998
Styczynska, B 070654
Stys, P 070758
Stys, P 071161
Su, H 063193
Su, K C 064093
Su, T H 071044
Suarez Rivacoba, R 063812
Subbarayudu, D 065060
Subbotin, I N 072406
Suber, E F 070249
Subeva, Z 067144
Subramaniam, A 063419
Subramaniam, A 069221
Subramanian, S S 067617
Suchanek, B 064242
Suchenek, K 063275
Suchenek, K 063578
Sud, S C 064998
Suda, K 067300
Sudakova, O D 062371
Sudderuddin, K I 070283
Sudenko, V I 067369
Sudnitsyn, I I 071839
Sudnitsyna, T N 068570
Sufi, N A 069460
Sufi, N A 069868
Sugawara, S 068081
Sugawara, S 068082
Suge, H 067947
Sugimura, K 072593
Sugiura, M 067536
Suharti, M 069383
Suilleabhain, A N O 067437
Sujak, A 071484
Sukeev, Sh S 065767
Sukhorukova, Z O 067698
Suko, J 067571
Sukop, I 070760
Sulce, S 068756
Suleimenov, M K 068193
Suleimenov, M K 071938
Suleimenova, L 070262
Suleimenova, S I 071731
Sulinowski, S 067148
Sullivan, C Y 067958
Sullivan, E F 069961
Sullivan, J J 072520
Sulman, F 064524
Sulman, F G 065033
Sultan, M O 069219
Sulzer, A J 065471
Sumanov, E IA 068709
Sumbali, G L 072081
Sumenkova, V V 067713
Summers, J D 064657
Summers, J D 064663
Summers, J D 065447
Summers, L V 062862
Summerville, K O 068595
Sumpter, D W F 070082
Sumpter, D W F 070092
Sumrov, I 065697
Sumrov, I 065732
Sumrov, I 065760
Sun, S K 069293
Sunaikin, A A 065482
Sunar, M S 069351
Sundahl, A M 071502
Sundahl, A M 071503
Sundara Rajulu, G 071088
Sundby, F 064359
Sundheim, L 069230
Sung, C P 063422
Supeene, N J 064116
Supekar, P G 065479
Suprunov, N I 067525
Suranyi, D 067060
Surdacki, Z 064470
Surmach, G P 072277
Surovov, V K 071826
Suryanarayana, D 069367
Sushko, M T 066791
Suski, Z W 070481
Sussenbach, J S 067440
Sussex, L M 067765
Sussman, M 067711
Suster, M 068494
Suta, V 070458
Sutcliffe, J F 068120

Sutherland, G L 070716
Sutka, J 067320
Sutoh, H 064609
Suveges, T 065545
Suvora, V P 070159
Suvorov, V I 067841
Suwanai, M 070422
Suxena, M R 066763
Suzdal'skaia, M V 069416
Suzuka Boro, R 066019
Suzuki, H 067660
Suzuki, H 069556
Suzuki, K 068924
Suzuki, K 069396
Suzuki, M 068082
Suzuki, M 069772
Suzuki, S 068690
Suzuki, S 071252
Suzuki, T 067441
Suzuki, T 067661
Suzuki, T 068216
Suzuki, Y 071803
Suzzoni, J P 071052
Svab, J 067061
Svachula, V 068070
Svachulova, J 067913
Svachulova, J 068070
Svanidze, M A 066864
Svanidze, M A 071824
Svanvik, J 064254
Svede, U 071819
Svennson, S A 064390
Svensson, A 070211
Svensson, B 069154
Svensson, J A 070210
Sveshnikova, I N 068484
Svetlov, V M 063635
Sviatogor, A P 062252
Svicky, E 065754
Sviridenko, A S 070162
Sviridenko, V F 065766
Svoboda, E 063766
Svrcek, W Y 063617
Swadener, S O 070778
Swain, F G 068630
Swain, F G 071745
Swaminathan, M S 062177
Swan, D G 069988
Swann, C W 070125
Swann, R G 065722
Sweet, H R 066617
Swierstra, E E 064962
Swietochowski, B 068900
Swietochowski, B 071961
Swingelberg, H 063855
Swiss, M 071702
Sybesma, W 063645
Sydenko, V P 070632
Sydorenko, S S 069594
Sydow, E von 063618
Sydow, E von 063619
Sykes, F 064207
Symalzel, K H 065128
Symko, S 066962
Symonds, B V 069883
Synitsyn, I A 071497
Synzynys, I Z 068750
Syrenkov, S A 066272
Syrop, M 067026
Sysa, E 070272
Sysa, P 064455
Sytnik, K M 066585
Sytnyk, K M 066602
Sz.-Borsos, O 067396
Szabo, A 063134
Szabo, A 071470
Szabo, M 067394
Szabolcs, I 071719
Szabolcs, I 071796
Szaflarski, J 065561
Szaflarski, J 065877
Szalai, F 065548
Szalai, F 065549
Szalonek, I 069912
Szankowska, Z 065556
Szanyiova, M 064920
Szasz, G 072396
Szczepanski, H 070376
Szczepanski, H 070995
Szczepanski, S 062422
Szczuchniak, L 068792
Szczuka, N 063674
Szekely, B 071547
Szekely, I 070459
Szekely, S 068097
Szeky, A 065545
Szember, M 065569
Szemberg, A 062226
Szemraj, H 063863
Szeniawska, D 064982
Szep, I 064273
Szepesi, B 064437
Szeptycki, A 070996
Szilagyi, J 063099
Szilagyi, J 063335
Szilvassy, L 070175
Sziraki, I L 067876
Szirtes, V 068786
Szlachta-Stonka, B 071490
Szmitkowski, M 064002
Szocs, Z 066579
Szoke, M 063337
Szprengier, T 066034
Szprengier, T 066504
Szprengier, T 072565
Szujko-Lacza, J 066916
Szujko-Lacza, J 068511
Szukalska, E 063438
Szukalska, E 063461
Szukalska, E 063865
Szukalski, H 072183
Szulc, M 066033
Szulc, T 064186
Szumigalski, Z 065177
Szumilak, G 068905
Szumilak, G 072340
Szunics, L 069441
Szwejda, J 070487
Szwejda, J 071485
Szymankiewicz, K 068902
Szymankiewicz, K 072243
Szymanski, S 066296
Szymkiewicz, B 066379
Tabacchi, R 067541
Tabi, M 071756
Taborsky, V 069668
Tacal, J V 063159
Tacal, J V 065595
Tachau, A V 062494
Tadjebakhche, H 065622
Tadmor, A 065219
Tadmor, A 065289
Tager, J M 064320
Taha, F 063633
Tailler, J 069329
Tait, R M 064662
Tajima, M 065538
Takaces, K 063098
Takaces, K 063599
Takacs, J 063135
Takacs, J 063136
Takacs, J 063404
Takacs, J 065551
Takacs, J 070711
Takahams, U 067679
Takahashi, E 062613
Takahashi, H 066452
Takahashi, H 072056
Takahashi, H 072057
Takahashi, I 068920
Takahashi, I 069397
Takahashi, J 067953
Takahashi, J 067954
Takahashi, K 062819
Takahashi, K 063974
Takahashi, K 068615
Takahashi, K 072460
Takahashi, M 066449
Takahashi, M 066995
Takahashi, M 068352
Takahashi, T 066450
Takahashi, T 066454
Takahashi, Y 066565
Takahashi, Y 070421
Takai, Y 068349
Takakura, T 067627
Takakura, T 071468
Takamiya, G 072619
Takamoto, S 068979
Takano, S 070947
Takano, T 064122
Takanov, P S 064063
Takase, N 068690
Takatori, F H 068942
Takechi, O 067625
Takechi, O 067626
Takeda, K 066995
Takeda, K 067791
Takeda, N 072490
Takeda, T 067301
Takeda, T 067955
Takehana, H 063885
Takehara, S 062313
Takemoto, T 067853
Takenaka, K 068918
Takeuchi, S 064934
Takihiro, T 068685
Takiura, K 070599
Takizawa, T 066981
Tal, M 068263
Talamo, B 067635
Talbert, R E 069943
Talbot, S 064120
Talens, L T 066987
Taliaferro, C 068796
Taligoola, H K 069438
Taligoola, H K 069440
Taligoola, T K 069439
Tallarico, L A 068823
Tallarico, L A 071891
Talley, W J 072524
Talling, J F 067594
Tallis, J H 066719
Tallis, J H 071805
Tam, R F S 067774
Tamada, T 069831
Tamaki, K 070775
Tamarin, R 065613
Tamke, L 063285
Tamm, C O 071930
Tamura, S 065952
Tamura, T 063383
Tan, A M 069539
Tan, K H 070283
Tan, K M 068491
Tan, R J S 065586
Tan, T N 069297
Tanada, Y 070259
Tanaka, I 067943
Tanaka, J S 068969
Tanaka, T 068921
Tanaka, T 070239
Tanasijtshuk, V N 071147
Tandler, K 063078
Tandon, R C 066485
Tandon, R D 066338
Taneja, G C 064404
Tanev, D 064238
Tanev, D 064910
Tang, C C 070505
Tangy, J 069469
Tani, T 069476
Tanielian, Z 065374
Tanifa, V V 065158
Taniguchi, R 071803
Taniguchi, T 071646
Tanimura, T 066210
Tannenbaum, M 064352
Tannenbaum, S R 063172
Tansey, M R 065585
Tanskanen, H 071915
Tao, C C C 070506
Tappel, A L 063390
Taranto Fortes, N 062167
Tarapchak, S J 066753
Tarariko, N M 072221
Tarasenko, B I 072315
Tarasenko, N D 067207
Tarasenko, N D 067208
Tarasenko, N D 067221
Tarasenko, N D 068701
Tarasenko, T A 065821
Tarasenko, T I 072326
Tarasevich, V F 062377
Tarasevich, V F 062456
Tarasov, I 062334
Tarasov, V A 067162
Tarasov, V A 067519
Tarasova, T V 063635
Tariq, Z K 070304
Tarjan, L Mrs. 070536
Tarkowski, C 067337
Tarocco, C 072592
Tarumoto, I 068686
Tarunina, T A 069405
Tarutina, L A 067349
Tasbulatov, E S 065844
Tascherio, C 071218
Tasi, Z 071401
Tasker, J 064438
Tatara, A 068061
Tatarintsev, N T 063019
Tatarov, G 065699
Tatarov, G 065734
Tatarov, G 065736
Tatarova, V 068816
Tatarsky, D 063961
Tate, L G 070603
Tate, R G 064900
Tatebe, T 068398
Tateyama, S 065578
Tatini, S R 063054
Tatini, S R 063118
Tattar, T A 069522
Tattrie, N H 067479
Tatu, J. 062431
Tatu, T 064200
Taunton, O D 064421
Tavitov, M D 065150
Tayler, J C 064651
Taylor, J L 068184
Taylor, J S 069968
Taylor, R W 062512
Taylor, R W 072054
Taylor, W R 066768
Taylor, W R 066769
Tchami, Db 064947
Tchan, Y T 070198
Tcheremissinoff, G 062161
Tchibozo, H M 070370
Tchouldjian, H D 067555
Tchouldjian, H D 071768
Teague, H S 065015
Tecza, S 065035
Teder, M 065346
Teeri, J A 066620
Teetes, G L 069557
Teetes, G L 070320
Teetes, G L 070405
Tegeler, G 064638
Teillon, H B 069522
Teissier, G 068945
Tejimurov, K G 071712
Tejle, T 070546
Tekerlekov, P 065698
Tekerlekov, P 065896
Tekhneriadnov, A V 066562
Telezhenetskays, M V 067506
Telford, H S 070699
Telford, H S 070871
Tello, M P 065477
Templeton, G E 069248
Templin, E 066285
Templin, E 069903
Templin, F 066046
Tennant, B 065397
Tensho, K 068153
Tensho, K 069902
Teo, C K H 070223
Teodorescu, I 068852
Teodorescu, S 064019
Teploukhova, T N 069667
Teplova, E A 068003
Terashita, T 069395
Terebeiko, L N 072379
Terekhov, I I 069176
Terent'eva, I V 067532
Teres, M O 064544
Terletskii, V Z 065339
Terluin, R 064906
Ternovskaia, Y G 064985
Ternovskii, M F 069418
Terplan, G 063582
Terpo, A 066607
Terranova, A C 070924
Terrill, T R 069893
Terry, D L 072156
Terry, D L 072569
Terry, N 068113
Terry, P J 070191
Terskikh, I I 065772
Terskikh, I I 070648
Terui, Y 066205
Terzic, L 064256
Terziev, Kh 071679
Terziiski, D 066978
Tesi, R 069075
Tesic, D 064256
Tesmer, S 065580
Tessler, J 065449
Tessler, J 065451
Testa, A 072307
Teuscher, H 066615
Teuscher, H 066616
Teute, H W 064751
Tew, A J 067140
Tewari, M N 067452
Tewari, P V 067616
Tewari, R 069642
Tewari, S C 062880
Tewari, S D N 062169
Tgue, K 071893
Thaine, R 064065
Thakur, B K 072083
Thakur, D P 069360
Thakur, D P 069361
Thakur, R N 069348
Thalacker, R 063047
Thaler, P A S 068278
Thampan, P K 062493
Thampan, P K 067100
Thampan, P K 068963
Thanh, N C 072614
Thanikaimoni, G 067047
Thareau, B 062743
Thein, P 065902
Theis, J H 065218
Thelemann, W 064632
Theret, M 064208
Theret, M 065242
Theret, M 071436
Therrien, H P 067930
Thewlis, B H 063700
Thibert, R J 072567
Thiebaux, J 071855
Thienpont, D 065904
Thienpont, D C 065533
Thier, E 064766
Thier, E 072562
Thier, H P 070687
Thimm, H 064676
Thimmaiah, G 070337
Thimonier, J 064940
Thirumalachar, M J 066985
Thirumalachar, M J 069356
Thivend, P 064625
Thivend, P 064626
Thizy, A 070131
Thomas, B 063129
Thomas, B 063297
Thomas, C A 068640
Thomas, C E 069682
Thomas, G E 066612
Thomas, H M 063281
Thomas, J A 068084
Thomas, J G 067919
Thomas, J W 064431
Thomas, L H 065722
Thomas, M 071392
Thomas, N B 070180
Thomas, O B 067624
Thomas, O O 064807
Thomas, O O 064808
Thomas, O O 064811
Thomas, P E 063446
Thomas, P M 067096
Thomas, R 067792
Thomas, R C 064509
Thomas, R C Agricultural 064510
Thomas, R C 064852
Thomas, R D 068388
Thomas, T H 067778
Thomas, T H 068290
Thomas, T M 069945
Thompson, A 066994
Thompson, A E 063266
Thompson, D J 067538
Thompson, G E 065640
Thompson, J C 063095
Thompson, L 062963
Thompson, M 072580
Thompson, M M 068247
Thompson, M M 069050
Thompson, N S 066518
Thompson, P 070771
Thompson, R L 063123
Thompson, R L 063124
Thompson, S S 068106
Thomsen, D 063485
Thomsen, D 063486
Thomson, A J 070789
Thomson, E 071189
Thorne, H W 066165
Thornton, D H 065712
Thornton, G A 065523
Thornton, I W B 071142
Thornton, M E 071529
Thorpe, J 066530
Thorstensen, A L 072394
Thorup, S 068351
Thota, H 063054
Thrift, F A 065010
Thruston, J M 070040
Thulke, H G 062768
Thulke, H G 064219
Thullen, M 062189
Thun, M 069084
Thurber, P F 071385
Thyok, N T 068169
Thyok, N T 068486
Tiankov, S 064980
Tibbitts, T W 068459
Tibenszky, O 062311
Tietz, N 072508
Tievs, J 064669
Tievs, J 066023
Tiihonen, P 066202
Tikhomirov, F A 069835
Tikhomirov, V N 066745
Tikhonov, A I 067816
Tikhonov, E I 072391
Tikhonov, V 064926
Tikhonov, V E 068192
Tikhonova, V G 072273
Tikhonovskii, N S 062366
Tileston, J V 072540
Tilga, V 065346
Till, W M 071325
Tillin, S 063821
Tillmann, H 065606
Tilsher, W G 072167
Timar, M 071717

Timian, R G 070375
Timm, F 063352
Timm, H 066922
Timm, H 066923
Timmins, P R 070315
Timms, J R 064235
Timofeev, A I 071697
Timofeev, V P 066340
Timofeeva, L N 072124
Timofeeva, L N 072126
Timofeeva, L V 070625
Timofeeva, O A 064025
Timokhin, F N 072066
Timoshin, D G 065553
Timpa, J D 063820
Timpa, J D 063832
Ting, I P 068460
Tinga, J H 071423
Tingey, D T 069779
Tinkham, E R 071195
Tinsley, O W 064371
Tinsley, T W 069700
Tinsley, T W 070295
Tintera, J 071635
Tippins, H H 070415
Tipton, C L 069501
Tirado Serrano, J 064641
Tircomnicu, D 071685
Tircomnicu, D 071687
Tirosh, T 067918
Tirschmann, W 063155
Tisch, R E 069122
Tisdall, J 072047
Tisdall, J 072211
Tishchenkov, I E 062521
Tite, D J 069758
Titov, G I 065992
Titov, V N 066106
Titova, R P 070359
Titus, J S 072172
Tiutiunkova, N A 071106
Tixier, P 066898
Tjernshaugen, O 072159
Tjia, B 068246
Tjoonk, L 062135
Tjying, I S 071162
Tjying, I S 071163
Tkachenko, G V 068476
Tkachenko, P P 062460
Tleubergenov, S T 064886
Tleubergenov, S T 071689
Tobler, H 070855
Tochigi, T 066565
Toczko, K 064243
Todd, A C E 064805
Todd, J D 062147
Todorov, D 063201
Todorov, D 063576
Todorov, D 065695
Todorov, N 064105
Toensmeyer, U C 062703
Togari, Y 067939
Tokarchuk, L V 071405
Tokareva, R R 063781
Tokuoka, M 068551
Tolbert, N E 068257
Tolle, A 063500
Tolle, A 063505
Tolle, A 063544
Tolmachev, A I 071937
Tolstousov, V V 072246
Toma, M 068851
Toma, S I 067880
Tomar, N K 071969
Tomar, N S 064996
Tomar, P S 072416
Tomas, F M 064476
Tomasik, A 064185
Tomasik, J 068871
Tomaszewski, A 063863
Tomblin, C 070929
Tomczak, J 065052
Tomilin, B A 066870
Tomin, E D 072383
Tomita, G 067752
Tomita, T 067949
Tomiyama, K 069464
Tomka, O 068871
Tomlinson, J A 069611
Tomov, A 071065
Tomov, V 065187
Tompkin, R B 063033
Tompkins, D R 068952
Tompsett, A A 063895
Tonapa, S 072154
Toneva, V 065753
Tong, T H 069217
Tongaonkar, S S 070812
Tongson, M S 065599
Tongson, M S 065601
Tongway, D J 071809
Tonroy, B 064732
Topchii, M K 069655
Topchii, M K 069656
Topchii, M K 070633
Topchii, M K 070634
Torev, A 067691
Torgowski, J 063286
Torikata, H 069398
Torok, I 071715
Torok, I 071716
Torok, I 072483
Torok, I 072484
Torokfalvy, E 068428
Torp, K H 063258
Torpakov, F G 065253
Torre, C de la 067030
Torreele, G 064813
Torreele, G 064814
Torres Suarez, J E 063227
Torrie, J H 066960
Torrie, J H 068608
Torrie, J H 068610
Torrsell, R 068837
Torssell, R 069150
Tortosa, E 063048
Torzhinskaia, L P 068029
Torzhinskaia, L P 072068
Torzhinskaia, L R 067988
Tota, B 064253
Totev, T 072228
Toth, A 071627
Toth, E 072398
Toth, L 062639
Toth, L 065239
Toth, L 071535
Totusek,r 064418
Toucedo, G A 065956
Tourtellotte, M E 065458
Tous, J G 063869
Tovey, D A 067966
Townes, H 070830
Townes, H 071310
Townsend, C E 067970
Townsend, L R 072003
Townshend, J L 069769
Toyota, K 070469
Tozi Murai, N 070419
Tracey, J G 066859
Tracol, P C 063414
Train, R E 072544
Trainin, Z 065614
Tranmael, T 068753
Tranmael, T 069081
Tranmael, T 072139
Tranquillini, W 068606
Trapp, J 062186
Traquillini, W 066402
Traquillini, W 068607
Traub, H P 066779
Traub, H P 066782
Traub, H P 066787
Traub, H P 069114
Traub, H P 069118
Trauer, W E 063584
Traut, H 067310
Traut, W 070798
Trautmann, K O 065227
Trave, J 064245
Trave, J 071118
Travis, S 069009
Travland, L B 067426
Travnikova, L S 071872
Traynier, R M M 070821
Trebst, A 068276
Treffry, T 068547
Tregear, R T 070802
Tregubov, N N 063803
Tregubov, N N 063805
Trehan, K 068130
Trehan, K B 069074
Treikiashki, P 072264
Tremaine, J H 069683
Trembach, O G 069563
Tremblay, J J 072533
Trendafilov, R 072061
Trepanier-Blais, N 070849
Tret'iakov, A D 065773
Tret'iakova, A A 065765
Tretiak, T V 067056
Tretiak, T V 071947
Treushnikov, V M 068165
Trewavas, A 067769
Triana, C J 063807
Tribe, G W 065718
Tribunskii, A N 069403
Trierweiler, J F 072166
Trifonov, P 062514
Trifonova, G K 066059
Trifonova, G K 070738
Trinkaus, J P 064499
Trione, E J 069502
Tripathy, N K 070852
Tripathy, S B 064398
Tripp, L D 070179
Tripp, V W 063836
Trishkina, E T 065846
Trishkina, E T 065847
Trishkina, E T 065849
Trishkina, E T 065871
Trofimova, N A 067805
Trofmov, V P 062833
Troitskaia, S A 072132
Trolldenier, G 068122
Troost, G 063872
Tropilo, J 063638
Troshina, A V 067218
Trots'kyi, M IA 063659
Trots'kyi, M IA 065104
Trotter, W K 062585
Trotter, W K 062773
Troy, J P 066852
Trujillo, J L 064328
Trukhanouski, D S 068604
Trusevich, G V 069066
Truszkowska, W 069448
Truszkowska, W 069450
Trzcinski, T 063240
Trzecki, S 071966
Tsai, A H 066955
Tsai, Y P 069294
Tsai, Y P 069295
Tsai, Y P 069301
Tsankova, E T 067557
Tsanov, T 064909
Tsarenko, N K 070149
Tsarev, A P 062529
Tsarichanskii, A P 072315
Tschauner, F 071616
Tschebotarewa, N 064723
Tschiderer, K 064690
Tschinkel, I 065122
Tschirley, F H 070025
Tschudi, P 065369
Tschudi, P 065370
Tseng, Y S 067314
Tsenova, E N 068319
Tsereteli, I S 066244
Tserling, G I 068571
Tsertsvadze, N V 067231
Tsilinov, G I 062526
Tsipris, D B 072193
Tsipris, D B 072462
Tsipris, I B 066164
Tsitsin, N V 068034
Tsivindo, A Z 068501
Tso, T C 068118
Tsoi, V E 069172
Tsou, G 067671
Tsuchiya, S 067367
Tsukahara, K 066837
Tsumura, I 065940
Tsunoda, H 067422
Tsunoda, K 068653
Tsurkanenko, N G 069174
Tsutsumi, T 066863
Tsutsumi, Y 065404
Tsvetanov, TS 062361
Tsvetkov, G 062515
Tsvetkova, IU M 062538
Tsvetkova, Ts 063202
Tsvetkova, Ts 070735
Tsyhanchuk, IU S 064839
Tsypkina, M N 066421
Tsyplenkov, A E 069667
Tsyplenkov, V P 071874
Tsyplenkov, V P 071875
Tsyplenkov, V P 071936
Tu, C C 069159
Tu, C C 069300
Tu, C C 069773
Tuchy, E 066168
Tucker, D C 068793
Tucker, D J 067727
Tucker, H A 064431
Tucker, L A 066514
Tuckfield, C G 072335
Tudora, M 064525
Tudora, M 065144
Tudora, M 065145
Tulabaev, B D 070151
Tulabaev, B D 071813
Tulbure, I A 068380
Tulin, S A 072119
Tumbleson, M E 064371
Tumbleson, M E 064373
Tumova, B 065899
Tung, G 069516
Tung, H F 067569
Tunik, G N 063951
Tuohey, C L 067994
Tuohey, C L 068626
Tuohey, C L 069944
Tupinamba Valente, F A 071996
Tupinamba Valente, F A 065913
Tupinamba Valente, F A 066575
Tupitsa, P P 063737
Tupitsyn, D I 063940
Tupper, G R 068770
Tupy, J 067916
Tupy, J 068283
Tupytsia, L H 065829
Turcany, J 068875
Turchaninova, Z A 070963
Turcotte, E L 068655
Turebaev, Zh M 072209
Turek, F 064689
Turek, F 064782
Turgelaitite, K N V 067160
Turgeon, A J 070144
Turian, G 066977
Turkina, M V 068160
Turkina, M V 068166
Turkina, M V 068481
Turmandidze, T I 068475
Turnbull, K J 066211
Turner, D J 069984
Turner, D J 070233
Turner, G F 068595
Turner, J A 066081
Turner, J R 067086
Turner, J R 067432
Turner, N V 071527
Turnock, G 068546
Turnock, W J 070790
Turnquist, O C 068941
Tursumbaev, A 069420
Turubatovic, R 065377
Turunen, S 070503
Tusanova, E 064059
Tusanova, E 068008
Tusanova, E 068009
Tusanova, E 072041
Tusanova, E 072042
Tuschy, D 064769
Tusl, J 063230
Tutt, C R 068751
Tvorus, E K 068167
Tvorus, E K 068485
Twibell, J 069867
Tyagi, R C 071969
Tyler, G 066857
Tyler, S J 064282
Tymchenko, V I 072222
Tymchuk, M IA 068696
Tyree, M T 068057
Tyshehenko, V P 071061
Tyson, K C 071802
Tyukavkina, N A 068529
Tzanakakis, M E 070432
Tzipori, S 065412
Uaginuma, N 068593
Ubik, K 070759
Ubik, K 070807
Uchida, A 067300
Uchimiak, I 065563
Uchinuno, Y 065537
Uddin, M 068089
Uderbaev, M 071453
Udes, H 064649
Udintsov, P S 069926
Udovenko, G V 067987
Udovenko, G V 067996
Ueda, K 066457
Ueda, K 066458
Uemura, M 070470
Uemura, Y 068652
Uenala, N 071669
Ueno, Y 067422
Ugorski, L 065890
Uhlig, D 063701
Uhlig, H 063701
Uiyamazaki, S 070541
Uiyamazaki, S 070945
Ukai, N 068620
Ukhacheva, V N 066820
Ulanov, A P 062509
Ulantikova, G V 072386
Ulbrich, R 070783
Ullah, M 063948
Ulrich, A 068113
Ulrich, H 064678
Ulricht, A 064159
Ulrychova, M 069614
Ulrychova, M 069615
Uludag, N 065183
Umarov, A U 067491
Umarov, Kh S 067503
Umbrecht, H 066470
Umeda, K 070332
Umeda, K 070333
Umetskii, B I 062379
Uminuma, T 066210
Umrani, N K 072092
Underhill, A H 062283
Underwood, C J 064045
Unger, K 067084
Unglaub, J 062345
Unrath, C R 069053
Unterberg, C 065120
Unterberger, V K 070263
Upadhyaya, V K 071097
Uprety, D C 072094
Uprichard, S D 070050
Uprichard, S D 070056
Uprichard, S D 070080
Uprichard, S D 070083
Uprichard, S D 070089
Upshall, A 067290
Uralova, R P 067814
Urazaliev, R A 063847
Urbahn, E 071188
Urbahn, E 071215
Urbahn, H 071188
Urbahn, H 071215
Urban, F 065206
Urbaneck, D 065516
Urbaneck, D 065580
Urbano, A V O 067112
Urbieta Salvarredi, A 069895
Ure, C R 069793
Uren, J 065414
Urgancioglu, M 064338
Urguev, K R 065762
Uri, L V 072169
Uribe, A 063778
Uritani, I 068455
Urmantsev, IU A 066674
Urmantseva, V V 068162
Ursino, D J 068517
Usborne, W R 064120
Usenov, A U 065797
Ushev, D 065155
Uskova, L A 070162
Usman, S 070337
Usmanov, G I 072384
Usmanov, Z U 069405
Uspenskaia, G D 069434
Uspenskaia, M S 067701
Ustimenko-Bakumovskii, A V 063804
Ustinnikov, B A 067783
Usuchizaki, T 069686
Usyk, H IE 069177
Usynina, R V 067814
Utegenov, I 069170
Utley, D 068093
Utley, D 070723
Utyra, L B 069568
Uvarova, N I 068528
Uy,r 064420
Uzhako, P V 063670
Uzik, M 062781
Uzik, M 068202
Uzik, M 068204
Uzik, M 068205
Uzunov, M 072228
Vacek, E 062815
Vachun, Z 068292
Vacke, J 069724
Vacke, J 070412
Vadelund, E A 062915
Vadelund, E A 063107
Vago, M 071401
Vahala, Z 068874
Vahala, Z 072229
Vahidy, A A 067324
Vail, P V 070937
Vailert, G I 072318
Vailert, G I 072464
Vainagii, I V 067818
Vainjarv, T 067888
Vainjarv, T 067891
Vaitsekavichius, A 066062
Vaivare, M 071820
Vajdi, M 063558
Vajrathon, M 062166
Vakarelski, I 071674
Vakarelski, I 071675
Vakhabov, A Kh 069666
Vakhmistrov, D V 067995
Vakmistrov, D B 068164
Val'dgauz, E G 072309
Val'ma, V P 066818
Valadon, L R G 067750
Valaris, M 063388
Valaris, M 063389
Valdivia, V 067137
Vale, B R 064896
Valenta, A 062322
Valente, A 062896
Valentine, G D 062637
Valicek, L 06590

Valikhanova, G Z 068348
Vallega, J 068745
Vallerani, R 064972
Vallis, I 071765
Valmidiano, A T 071916
Valset, T 069096
Valuiko, G G 063998
Van Arsdall, R N 063012
Van Baalan, C 067553
Van Baalen, C 067630
Van Blaricom, L O 063176
Van Campen, D 064438
Van De Mark, S 062615
Van der Kevie, W 071928
Van Deusen, J L 066392
Van Gleder, G A 066014
Van Gleder, G A 070669
Van Haverbeke, D F 066339
Van Horn, J L 064811
Van Oosten, C W 063478
Van Regenmortel, M H V 069718
Van Scoyoc, S 069503
Van Staden, J 068433
Van Vleck, L D 065011
Van Walbeek, W 063057
Van Zinderen Bakker, E M 067481
Vana, J 066665
Vanachter, A 069338
Vanbelle, M 064905
Vanca, A 069562
Vanco, B 068205
Vanco, B 069573
Vandemark, J S 069057
Vandenbroucke, P 063729
Vanderhoven, C 068011
Vanderlip, R L 068654
Vanderplaetse, N 063916
Vanek, Z 067849
Vani-Hardev, 066628
Vanialingam, T 069216
Vankov, K 065195
Vanneriau, A 064337
Vanneriau, A 067470
Vanparijs, O F J 065533
Vantsak, N P 065576
Vantsis, J T 065723
Vaptsarova, M 063203
Vaptsarova, M 065325
Varadarajula, P 063688
Varady, C 068824
Varady, J 064920
Varchol, J 065754
Varhelyi, G 072536
Varjas, L 070245
Varlamova, L A 063804
Varma, A 070348
Varma, B S 072024
Varma, K C 063385
Varma, L 071094
Varma, S D 064397
Varma, T K 066029
Varner, J E 068451
Vartapetyan, B B 067045
Vartapetyan, B B 067845
Vasatko, J 063816
Vaselashku, I D 062568
Vashkevich, L F 071942
Vashkevich, R B 065805
Vasil'eva, S G 072070
Vasil'eva, V E 067865
Vasilenko, I I 068695
Vasilev, I B 070605
Vasilev, Ts 064914
Vasileva, M 067171
Vasileva, V 071673
Vasilevskaia, V K 067053
Vasiuk, A 068885
Vaske, T 064334
Vassilev, G 065896
Vasyl'ieva, V L 069655
Vasyl'ieva, V L 069656
Vasyl'ieva, V L 070633
Vasyl'ieva, V L 070634
Vasylenko, R K 068506
Vater, J 068271
Vatti, K V 071059
Vattimo, I de 067034
Vaughan, J T 065397
Vaughn, L 068939
Vaughn, V 068939
Vaught, H 068751
Vaurie, P 071129
Vavrinecz, G 063850
Vavzhin'chak, S 064778
Vaz de Arruda, H 069547
Vecchi, M A 071410
Vecera, L 069199
Vedamuthu, E R 065531
Vedeneev, G I 067361
Veech, R L 063254
Veer, J van der 066755
Veerasekaran, P 069953
Vega, O 067112
Vega, U A 067127
Veiga, N da 063929
Vekshin, B S 070156
Velarde, A 065593
Velasco, J 063752
Velasquez, S 068674
Veldeman, R 069337
Veleminsky, J 063714
Veleminsky, J 067913
Velez A, C A 064587
Veligosha, V S 066348
Velikaia, G I 071981
Veliky, I A 067479
Velmirovic, B 065603
Veloso, D 063254
Vemmer, H 064564
Vemmer, H 064565
Vendette, E D 064045
Vendrig, J C 067762
Venegas, E 062220
Venekamp, J H 069668
Venev, I 065196
Venev, S 066055
Venkatappia, B 062893
Venkateswarlu, V 066763
Venkateswerlu, G 069762
Venkitesan, T S 069760
Venrick, E L 067863
Verbeek, R 068011
Verbeek, R 068109
Verbeke, R 064382
Verbov, B N 072315
Verderevskaia, N D 068328
Verdier, P 069252
Vereshchagin, A G 063731
Veress, L 064929
Vereta, A E 066065
Vergerenko, L V 065820
Vergnaud, O 064340
Verhalen, L M 068818
Verhoyen, M 069633
Verkovskii, A P 066063
Verlinden, J 062887
Verma, A N 070449
Verma, C M 068316
Verma, G M 066467
Verma, G P 070852
Verma, K S 072087
Verma, P R 069771
Verma, S M 067269
Vermaas, C H 066569
Vermeglio, A 068270
Vermenko, IU IA 069181
Vermeulen, J 068012
Vermulen, J 062963
Vernigor, V A 064883
Vernon, A J 068673
Vernon, A J 072038
Verry, M 063224
Verschooten, F 065351
Vershinina, R S 065160
Vertii, S A 068701
Vertinskii, K I 065796
Veruette Fuentes, J 066261
Verwoerd, D W 065826
Verzar-Petri, G 067395
Veselinova, A 065699
Veselova, T V 068340
Veselova, V A 068472
Veselovskii, I V 070149
Veselovskii, V A 068340
Vesely, J A 064967
Vesmanov, V M 071558
Vest, G 062959
Vettel, H E 063300
Veum, T L 064731
Veveris, A L 066868
Vevers, E V 062390
Vez, A 068824
Vianna e Silva, M 068680
Vichutinskii, A A 063678
Vickery, L E 068453
Vickery, V R 071155
Victor, P E 072522
Vidal Garcia Reguera, D 065626
Vidano, C 071394
Vidaver, A K 069603
Vidyalaya, J N K V 071971
Vieille, P 062386
Vieira, C 067343
Vieitez, E 067411
Vieitez, E 067754
Vieth, J 066953
Viette, P 071133
Vigants, G 062266
Vigier, B 064938
Vigo, T L 063838
Vigues Roig, E 062867
Vijay, I 067909
Vijil Maeso, E 065157
Vijil Maeso, E 066057
Vijil Maeso, E 068198
Viktorov, G A 070297
Viktorov, V E 062527
Vilbaste, A 071422
Vilbaste, J 071127
Vilhena, M 071382
Vilkova, N A 070335
Villegas, F J 064731
Vincent, J F V 070822
Vincinaux, C 070446
Vincke, P P 071020
Vinogradov, V A 069407
Vinogradov, V A 069418
Vinogradov, V N 066404
Vinogradov, V N 072474
Vins, B 066153
Violic M, A 067138
Vir, B S 068613
Vir, B S 071968
Vir, S 069604
Virgin, H I 068104
Virtanen, A I 064503
Virzig, G 062269
Visek, W J 064438
Vissac, B 064975
Visser, N H M de 063852
Visser, P de 062427
Visset, L 066806
Visset, L 066933
Visset, M F 065647
Visset, M F 066805
Viswanathan, T V 067266
Vital, B 071495
Vitanov, T 063687
Vitt, D H 066655
Vittaz, R 065636
Vivian, V M 063280
Vladimirtsev, I F 070152
Vlasak, A 071898
Vlasenko, N B 063798
Vlasenko, N I 063441
Vlasenko, N I 064092
Vlasiuk, P A 066586
Vlasiuk, P A 067578
Vlasiuk, P A 067583
Vlasiuk, P A 067871
Vlasiuk, P A 067986
Vlasiuk, P A 068327
Vlasov, IU I 069667
Vlasov, V G 072387
Vlasov, V I 065171
Vlasova, G F 067812
Vlasova, I 068885
Vlasova, K A 064749
Vlasova, N A 067050
Vlcek, K 062320
Vodianoi, V IA 067858
Vodianov, A A 065781
Vodianov, A A 070649
Vodkin, M H 067709
Voevoda, N I 065800
Vogel, F 068987
Vogel, G 062347
Vogel, G 062888
Vogel, G 062889
Vogel, G 069014
Vogel, G 069018
Vogel, R 069698
Vogelauer, R 071639
Vogelsanger, D 067979
Vogelsanger, D 069784
Vogt, D W 065009
Voica, E 069165
Voica, N 068496
Voigt, G K 068581
Voigt, G K 071861
Voigt, J 064633
Voigt, M 066792
Voigt, R L 067967
Voinova, I V 070743
Voisey, P W 063050
Vokach, F 071481
Vokoun, J 067849
Vol'f, T T 071681
Volek, J 065206
Volker, H 064400
Volker, H 064781
Volker, H 067029
Volkin, D 062589
Volkov, V D 066242
Volkova, A A 065766
Volkova, A A 065836
Volkova, A A 070652
Volkovich, V B 066361
Volleidt, L P 068025
Vollmer, C M 068297
Volodarskii, N I 067040
Volodin, B B 067721
Volodina, A D 067505
Volokhova, A A 072268
Volokhovs'ka, N I A 069596
Voloshchik, P D 065344
Volosikov, V N 064530
Volovenko, M A 065999
Volovik, A S 069575
Volwerk, J J 064316
Vondracek, J 068510
Vonhof, H 066135
Vonica, A 069388
Vonica, I 069388
Vonica, I 069389
Vonsbaek, N 062643
Voogt, S 068462
Voogt, S 071867
Voorburg, J H 062426
Voorde, G V de 064813
Voorde, G V Ede 064814
Voorn, G 068268
Vorob'ev, G I 066241
Vorob'ev, V V 065800
Voronchikhin, L I 066345
Voronin, A I 071592
Voronin, I V 066248
Voronin, N G 072074
Voronkevich, I V 069601
Voronova, E P 071837
Voronova, G D 068142
Voroshilov, V P 068069
Vorwerck, K 063705
Vorwerck, K D 063312
Vorysiuk, V A 067056
Vorysiuk, V A 071947
Voskanian, V B 065091
Voskanyan, A G 071826
Voskresenskaia, N P 067998
Voskresenskaia, N P 068345
Voskresenskaya, N P 068095
Voskresenskaya, N P 068430
Voskresenskii, IU B 066314
Vosloh, C J 062587
Voss, R 068988
Vostokova, L B 071847
Vostral, H J 070006
Votselko, S K 065576
Vovchenko, M M 065831
Vozhdaev, N S 065765
Vozhdaev, N S 065813
Vree, T B 067568
Vresk, M 062173
Vrigazov, A 063201
Vrigazov, A 063576
Vrkoc, J 070759
Vrtiak, O J 065475
Vucetic, S 064744
Vukicevic, Z 065687
Vulchovski, IA 065733
Vulchovski, R 065733
Vulkanov, G 064909
Vulsteke, G 070330
Vurbanov, TS 070143
Vyas, N L 069379
Vyrbanov, A 064776
Vyskrebentseva, E I 068482
Vyzaste, E D 069063
Waaij, D Van Der 065539
Waaler, P F 071264
Wachacki, B 066541
Wachendorfer, G 065897
Wachendorff, R 070127
Wachnik, Z 064558
Wachnik, Z 064559
Wachnik, Z 064902
Wachnik, Z 065568
Wachnik, Z 065887
Wachowiak, P 068790
Wacks, K 063344
Wada, G 067953
Wada, G 067954
Waddle, B A 069247
Wade, E K 069741
Wade, E K 069742
Wade, E K 069743
Wade, E K 069745
Wade, E K 069746
Wade, E K 069747
Wade, R H 063833
Wadia, M S 067611
Wagenvoort, M 066975
Wagner, E 071235
Wagner, G 062879
Wagner, G W 071067
Wagner, H 062354
Wagner, J E 065446
Wagner, P 062290
Wagner, R 063676
Wagner, V J 068814
Wahab, A H 067960
Wahid, M 069245
Wain, R L 070023
Wain, R L 070225
Waisel, Y 067574
Waister, P D 070090
Wajda, L 069730
Wakabayashi, T 064175
Wakeman, R J 069684
Waks, J 063936
Waksmundzki, K 072503
Wal, P G van der 063665
Walczyna, J 068206
Waldern, D E 064653
Waldroup, P W 064642
Walendowski, S 062424
Wali, M M K 062230
Walker, A 069998
Walker, A 071746
Walker, A M 063197
Walker, B 072019
Walker, C 064771
Walker, D A 067725
Walker, D A 067875
Walker, D A 068411
Walker, E B 069522
Walker, E F 066323
Walker, H J 068843
Walker, H W 063169
Walker, J W 071783
Walker, R J 071487
Walker, V M 069611
Walker, W H 072532
Walkey, D G A 069683
Walkowiak, E 065564
Wall, C 070944
Wall, E C 066414
Wall, J S 063234
Wall, J S 063707
Wall, J S 063732
Waller, G D 071381
Waller, J M 069543
Wallin, J R 069515
Wallis, L W 063894
Wallner, B 062963
Walser, K 065422
Walsh, D E 063133
Walsh, D E 068777
Walsh, E J 067113
Walter, G R 072583
Walter, T L 068749
Walter, W M 063962
Walters, C S 066480
Walters, H J 068622
Walters, W M 066703
Waltinger, H 071035
Walton, P D 067927
Walton, P D 067928
Wang, C L 070241
Wang, C T 070801
Wang, I 062727
Wang, P Y 069908
Wang, R 065540
Wang, R 070622
Waniewski, B 065943
Wankhede, N P 069820
Wankhede, N P 072078
Wannags, H 062582
Wannags, H 062583
Wanner, H 067776
Wanner, H 067827
Wantschev, T 064150
Wara-Aswapati, O 068391
Warchalewski, J 063789
Warchalowski, A 071307
Warchol, P 062195
Warchol, P 065053
Warcup, J H 068414
Ward, A G 063651
Ward, F D 066133
Ward, G M 069767
Ward, J M J 070126
Ward, P 069892
Ward, R A 070609
Ward, R W 062492
Ward, W W 070554
Wardlaw, F B 063680
Wareing, P F 068413
Wareing, P F 068545
Wareing, P F 070020
Warembourg, R F 068125
Warembourg, R F 071865
Warmbronn, K 070714
Warnant, M 064803
Warncke, K 071248
Warncke, K 071311
Warner, D C 068932
Warner, K 063754
Warner, M 072166
Warner, R M 066591
Warnick, A C 065082
Warren, A 066846

Warren, G H 063609
Warren, L O 071083
Warren, T B 069430
Warsi, A S 072082
Wartenberg, L 063282
Warteresiewicz, M 069912
Waschkow, W I 063043
Wasecki, A 065178
Wasecki, A 065179
Wasecki, A 066007
Wasecki, A 066008
Washam, C J 065531
Wassermann, H 062539
Wassermann, L 063734
Watanabe, A 068456
Watanabe, M 071007
Watanabe, S 069826
Watanuki, Y 066458
Watase, H 065669
Waterhouse, F L 070977
Waters, E C 068109
Watkins, E P 062691
Watson, A 071339
Watson, E R 071741
Watson, G A 070010
Watson, J N 064652
Watt, R G 065521
Watt, W B 068273
Watters, E D 063129
Watts, W S 070250
Watychowicz, I 065564
Watzke, G 068671
Wauthy, J M 064618
Wauthy, J M 064965
Wawrik, F 067015
Wawrzyniak, S 068689
Way, M J 070293
Way, M J 071025
Way, R D 069001
Weatherley, P E 067650
Weathers, L G 069712
Weaver, E C 070923
Weaver, L O 069837
Weaver, M L 066922
Weaver, M L 066923
Weaver, N 070923
Webb, A D 063873
Webb, D P 068545
Webb, J C 067956
Webb, L G 070730
Webb, L J 066859
Webb, R E 069682
Webb, S R 071067
Weber, P G A 062542
Webster, G 066082
Webster, G R 071866
Webster, P L 068054
Webster, R K 069480
Wee, Y C 068491
Weeks, E E 062300
Weerakoon, S N 063320
Weerd, J C van de 069967
Weerdenburg, L J M 062218
Wegener, H J 066232
Wegenhoft, K N 062734
Wegner, W 064514
Wegner, W 065304
Wegner, W 065308
Wegorek, W 069738
Wehner, R 071015
Wehner, R 071409
Wei, L S 063366
Weidhaas, D E 070610
Weidig, E 064866
Weidle, H 063353
Weidler, D J 070808
Weidman, J 062200
Weidmann, H 065604
Weidner, H 071167
Weidner, H 071168
Weier, T E 068445
Weigelt, G 068670
Weighton, D M 070251
Weigle, E 069863
Weigle, R N 062302
Weinberger, P 067483
Weinstein, B 067488
Weipert, D 063698
Weir, A H 071912
Weisaeth, G 069027
Weisbroth, S H 065540
Weisbroth, S H 070622
Weise, G 064680
Weiser, J 072018
Weisman, Y 065616
Weiss, C M 072436
Weiss, D 062318
Weiss, H 067391
Weiss, H 070713
Weiss, J 066573
Weissbach, F 064054
Weissbach, F 064861
Weisse, I 066011
Weisse, J 065261
Weiste, H 071566
Wejnar, R 063983
Welch, C M 063838
Welch, H E 071033
Welch, M F 069616
Welkisch, G 066282
Welling, G W 064366
Wells, P W 065243
Wells, V L 066736
Welsh, M F 069690
Welsh, M F 069881
Weltzien, H C 069468
Welz, W 063040
Weneff, A 065656
Weniger, J H 064387
Wenk, P 071072
Wensvoort, P 065971
Wentink, G H 065665
Wentworth, B C 064931
Wentzel, K F 066148
Wenz, I 064334
Werhahn, E 064764
Werker, E 066946
Werkmeister, F 065139
Werner, H 063044
Werner, H 063065
Werner, H 070688
Werner, H 072496
Werner, H 072497
Werner, K 062715
Werner, K 066288
Wernery, H 063500
Wert, S L 066158
Werver, H 063491
Wesala, W D 063118
Weseloh, R M 070844
Wesemeier, H 063632
Wesemeier, H 065278
Wesley, R L 072499
Weslien, J 072199
Wesolowski, A 065177
Wessels, A 063061
Wessels, J P H 064745
Wessels, J S C 068268
West, D A 070969
West, S H 067971
Westerich, H 062484
Westermarck, N 062303
Westfall, D G 070207
Westfall, D G 071781
Westlin, P E 067755
Westoby, J C 066505
Westphalen, H J 069672
Wet, J M J de 067111
Wettasinghe, D T 069204
Wettemann, R P 065014
Wetterau, H 064054
Wetzel, T 070325
Weuffen, W 063155
Weyh, H 063307
Weyh, H 063716
Wheals, A E 067151
Wheals, A E 067152
Wheat, J D 065909
Wheater, R O 070324
Wheaton, R 071973
Wheeler, A G 070313
Wheeler, A G 070314
Wheeler, B E J 069253
Wheeler, J S 064774
Wheeler, J S 072147
Wheeler, W B 063252
Whellan, J A 070755
Whisler, H C 067426
Whitcomb, C E 069045
Whitcombe, E 072551
White, B M 062159
White, D A 071194
White, E 066883
White, E 071849
White, I N H 066022
White, I N H 067540
White, J M 069103
White, J M 069104
White, J P 067703
White, R A 069653
White, T C R 071032
White, T K 062500
Whitehead, A G 069758
Whitehouse, D L 062573
Whiteman, J V 065010
Whitfield, F E 066262
Whitfield, R E 063821
Whiting, F M 063937
Whitman, R J 068015
Whitmore, H L 064931
Whitney, J D 068961
Whittem, J H 065415
Whitten, M E 063752
Whittington, W J 067319
Whitty, E B 068091
Whitty, E B 069461
Whitty, E B 069869
Whitworth, S H 069963
Wiant, H V 066265
Wickliff, C 069779
Wickliff, J L 067294
Wickremasinghe, R L 063320
Wickremasinghe, R L 063321
Widdowson, D A 067539
Widner, J N 067102
Wiebe, J 068955
Wiebe, J 068956
Wiebe, J E 072595
Wieg, A J 063310
Wielemaker, W G 071955
Wieler, E E 069008
Wienecke, F 071619
Wieneke, F 071576
Wieneke, F 071622
Wienhaus, O 066471
Wierenga, R K 064366
Wierzchowski, J 063467
Wiesner, H 065659
Wiesner, K 069788
Wiesner, L 063448
Wightman, E 068296
Wiktor, A 066119
Wiktorsson, H 064844
Wilcox, J A 071224
Wilcox, J R 067108
Wilcoxson, R D 069879
Wildbolz, T 070500
Wildbrett, G 071638
Wilde, W H A 070574
Wilde, W H A 070788
Wildgrube, M 068664
Wildhaber, O J 066798
Wiley, W R 067431
Wilhelm, H 068357
Wilke, A 065115
Wilke, C R 067662
Wilke, E 062358
Wilke, E 064222
Wilke, G 065138
Wilkins, C K 063446
Wilkins, H F 068368
Wilkins, P W 069311
Wilkins, R J 064064
Wilkinson, J M 064651
Wilkinson, N W 069512
Wilkinson, T L 066550
Wilkinson, W J 062479
Wilkos, F 064462
Wilkos, F 064471
Wilkos, F 064474
Will, L A 065380
Will, L A 072486
Willats, H G 064643
Wille, H 071410
Willems, A 065170
Willett, G S 062302
Willett, G S 062464
Willett, K C 065881
Willey, C R 067969
Willey, C R 069053
Willey, L A 068631
Willia, A J 070078
Williams-Wynn, D A 063652
Williams, D L 062148
Williams, E B 069503
Williams, E D 070072
Williams, E G 066765
Williams, G D V 068634
Williams, G H 070073
Williams, G R 068447
Williams, H E 065720
Williams, J A 062668
Williams, J A 066945
Williams, J I 069147
Williams, J R 069267
Williams, K C 064645
Williams, M W 068251
Williams, O H 070180
Williams, R E 062856
Williams, R J 069258
Williams, W A 067959
Williams, W F 062814
Williams, W P 067107
Williams, W T 066859
Williamson, F A 068033
Williamson, R E 067775
Williamson, R E 068943
Willien, P 070827
Willing, R R 067734
Willkomm, H D 068950
Willson, M F 062800
Willson, M F 066831
Willson, M F 066832
Wilmore, R M 072516
Wilmot, C A 062588
Wilmouth, R R 068855
Wilson, B F 068580
Wilson, B J 069971
Wilson, B J 070060
Wilson, D 069972
Wilson, D B 064664
Wilson, D L 062672
Wilson, E W 063615
Wilson, F D 065906
Wilson, G F 064725
Wilson, J T 070597
Wilson, L L 064413
Wilson, L L 064414
Wilson, L L 064735
Wilson, L L 064736
Wilson, L L 064828
Wilson, M 065471
Wilson, M C 069119
Wilson, N 071141
Wilson, R 070681
Wilson, R B 064429
Wilson, R F 064064
Wilson, S B 068266
Wilson, S H 065427
Wilson, W F 068931
Wiltshire, E P 071179
Wimmer, H 062840
Winans, C N 066515
Winant, W M 072422
Winckel, A V 069634
Winckel, A V 071786
Windscheffel, J A 068654
Wingard, R G 070554
Winger, P V 071194
Wingfield, G I 069987
Winkel, A 068667
Winkel, G 063552
Winkenbach, F 067477
Winkler, C 065605
Winkler, J K 062625
Winkler, W 062355
Winkler, W 064215
Winn, L S 067431
Winterer, 063555
Winterer, H 063069
Winterer, H 063143
Winzenried, H U 064942
Wirner, H 063024
Wirthgen, B 064639
Wirtz, R A 070772
Wiseman, J S 069976
Wiseman, J S 070090
Wisniewski, E 065944
Wisniewski, S 065560
Wistinghausen, A 068758
Wistinghausen, E V 070949
Witalinski, W 071125
Witas, T 063437
Witcher, W 069518
Withers, F T 068767
Withers, F T 068769
Witkiewicz, K 067823
Witkowska, Z 065955
Witkowski, W 069455
Witt, C L 062703
Witt, H 069021
Witt, T 070970
Witt, T 071213
Witter, B 072026
Wittfogel, K A 072450
Wittich, N v 069083
Wittig, K 064149
Witting, R 064779
Wittmann, G 065898
Wittmann, W 065580
Wituszynska, B 063467
Wityk, A 065564
Wixom, H 062914
Wixom, H 063106
Wloczewski, T 066091
Wlodarczyk, C 069859
Wlodarczyk, C 069861
Wobber, F J 071859
Wochok, Z S 066935
Wochok, Z S 067765
Wodicka, V O 062916
Wodicka, V O 063109
Wohrle, H 062462
Wojciechowska, B 067000
Wojkowsky, A 065262
Wojnarowicz, C 063864
Wojnarowska, P 070485
Wojtkowiak, H 071488
Wolf, R 063410
Wolff, D C 065718
Wolff, E 063853
Wolff, H 065046
Wolff, J P 063433
Wolfgang, W G 063829
Wolford, J H 062958
Wolk, C P 067435
Wolken, J J 066988
Woloszyn, B W 070996
Woloszyn, S 065566
Woltz, S S 069343
Woltz, S S 072060
Womer, R 065410
Wong, H R 070779
Wong, T H 069906
Wood-Gush, D G M 064283
Wood-gush, D G M 064286
Wood, D L 070552
Wood, D W 067920
Wood, F A 066156
Wood, M B 070047
Wood, R B 067594
Wood, S L 071192
Wood, T G 070990
Woodage, J 068093
Woodage, J 070723
Woodbridge, C G 068249
Woodbridge, C G 068367
Woodbury, R B 072451
Woodcock, D 063157
Woodfin, R O 066546
Woodhill, J M 063238
Wooding, N H 072598
Woods, R D 069696
Woodwell, G M 071769
Wooley, T A 071193
Woolhouse, A R 069555
Woolhouse, A R 070200
Woolley, J T 068119
Wooten, J W 066853
Wootton, A 070810
Worf, G L 069229
Worley, D P 066313
Worms, C G M de 071177
Worowski, K 064002
Worthen, L R 067423
Worthington, J T 069052
Worton, R 070894
Wouters, L 065351
Woznicki, K 071652
Wrazidlo, W 072027
Wreford, D 071455
Wright, K T 062952
Wright, M A 070718
Wright, R H 070821
Wright, T R F 070966
Wrigley, G 070729
Wrolstad, R E 063952
Wu, C S 064093
Wu, H P 062728
Wu, K Y 062162
Wu, S P 062975
Wu, T S 062139
Wu, W S 069292
Wuest, P J 069549
Wunderlich, H 063072
Wunderlich, H 063149
Wunenburger, H 062429
Wunsche, J 064634
Wunsche, U 068209
Wunschova, M 072186
Wurz, R 066407
Wurziger, J 063343
Wurziger, J 063597
Wuycheck, J C 070816
Wyatt, B G 063830
Wyatt, I J 070471
Wyburn, G M 064477
Wyburn, R S 065936
Wyburn, R S 065950
Wygodzinsky, P 071130
Wylie, H G 070782
Wyman, R J 070973
Wyrzykowska, K 064465
Wyrzykowska, K 064466
Wyrzykowski, Z 064466
Wyse, R E 063122
Wyslouch, W 065271
Wysoki, M 070864
Wysong, D S 069603
Wyszanowski, J 065043
Wyszynski, S 065180
Xabregas, J 062172
Yaalon, D H 071776
Yadav, J S P 072414
Yadav, S S 064998
Yadava, H R 067271
Yadava, L S 071464
Yadava, R B R 068387
Yadava, V K 065492
Yagi, F 068352
Yagi, J 067656
Yagi, J 067657
Yagi, J 067658
Yagi, J 067659
Yagi, T 068842

Yagudaev, M R 067496
Yagudaev, M R 067510
Yahata, B 071852
Yakushiji, S 068981
Yakuwa, T 068397
Yalcin, B C 064562
Yalcin, B C 064936
Yamada, H 070466
Yamada, H 070467
Yamada, H 072582
Yamada, J 064463
Yamada, K 063400
Yamada, R 063884
Yamada, S 065537
Yamaguchi, A 066491
Yamaguchi, H 066492
Yamaguchi, H 068061
Yamaguchi, K 065055
Yamaguchi, M 063640
Yamaguchi, T 067945
Yamaguchi, T 067946
Yamaguchi, T 069556
Yamaji, A 070599
Yamamoto, H 065668
Yamamoto, K 062619
Yamamoto, M 067545
Yamamoto, M 071764
Yamamoto, S 065034
Yamamoto, S 070470
Yamamoto, T 069826
Yamamoto, Y 071467
Yamamuro, S 068175
Yamanaka, H 063971
Yamanaka, T 067442
Yamasaki, K 067834
Yamasaki, K 070893
Yamasaki, N 066966
Yamashiro, S 064941
Yamashita, T 064463
Yamashita, T 067793
Yamate, H 070542
Yamazaki, F 071682
Yamazaki, I 064321
Yanatori, S 067944
Yanez, E 063226
Yanez, E 064628
Yang, H J 069047
Yang, I L 069703
Yang, I L 070504
Yang, S K 066810
Yang, S L 069705
Yang, S L 070401
Yanishlieva, N 063357
Yano, T 067656
Yano, T 067657
Yano, T 067658
Yano, T 067659
Yasuda, S 066459
Yasuda, Y 069463
Yasuno, M 071073
Yatazawa, M 068154
Yatazawa, M 068157
Yates, H F 064833
Yeadon, D A 070590
Yee, W 069636
Yeh, K L 068153
Yeh, K L 069902
Yelenosky, G 068363
Yen, D F 071379
Yenmanas, B 071928
Yeo, P F 067825
Yeo, P F 071028
Yew, M S 063260
Yi, I 062196
Ylagan, J M 069213
Yoder, R 063771
Yokoi, M 068305
Yokoi, M 068306
Yokota, T 066493
Yokotsuka, T 067418
Yokotsuka, T 067419
Yokoyama, T 066457
Yokozeki, M 065403
Yomo, H 068451
Yonezawa, D 063400
Yonke, T R 070778
Yoon, P K 069218
Yoon, P K 069219
Yopp, J H 067766
York, J O 068624
Yoshida, H 067877
Yoshida, K 066452
Yoshida, K 071811
Yoshida, K 072056
Yoshida, K 072057
Yoshida, M 064612
Yoshida, M 067834
Yoshida, S 067942
Yoshida, T 065591
Yoshida, T 068925
Yoshikawa, M 069476
Yoshikura, M 070947
Yoshimura, H 063277
Yoshino, M 066018
Yoshioka, S 067367
Yoshizaki, M 070419
Yoshizaki, M 070502
Yoshizaki, T 068016
Youn, K B 067941
Youn, K B 067950
Young, A W 064742
Young, C E 066308
Young, H G 071662
Young, J 070367
Young, J F 066191
Young, J L 067545
Young, J L 071764
Young, J O 068374
Young, L G 064658
Young, R E 068115
Young, R H F 072619
Young, W O 065217
Youngken, H W 067423
Youngman, V E 068643
Youngs, C G 068300
Youssef, M K E 063185
Youssef, M K E 063654
Youssef, M K E 063656
Yuasa, K 070426
Yuki, H 070599
Yunosov, M S 067533
Yunsov, S Yu 067504
Yunus, M 070147
Yunusov, M S 067501
Yunusov, S Yu 067501
Yunusov, S Yu 067503
Yunusov, S Yu 067506
Yunusov, S Yu 067533
Yunusov, S Yu 067534
Yurkevich, V V 067837
Yver, M 063114
Yver, M 063516
Zaadhof, K J 063582
Zabalotny, A I 068194
Zabalotny, A I 068863
Zabinska, B 067686
Zabolotskii, N N 068142
Zacharda, M 070796
Zachariah, N Y 063625
Zachariassen, K E 071277
Zachariassen, K E 071281
Zacharova, S A 063691
Zadorozhnyi, H M 065828
Zadrazil, F 068957
Zadura, J 065041
Zaerr, J B 066123
Zaerr, J B 066369
Zafar, A M 069076
Zafar, S I 069460
Zafar, S I 069868
Zafren, S I a 064062
Zagorodnov, M V 064895
Zagorski, D 071372
Zagorul'ko, A Ia 063801
Zagrodzki, S 063790
Zahaievs'kyi, I S 065827
Zaidi, S A H 069602
Zaiets', V A 067386
Zaiko, S M 071943
Zaikov, A 071674
Zaikovskaia, N E 067375
Zaitsev, L 062359
Zaitsev, L 071562
Zaitsev, L P 071450
Zaitsev, V B 071451
Zaitseva, G B 067719
Zaitseva, L D 066059
Zaitseva, L D 070738
Zaitseva, V G 062606
Zaitseva, V G 069924
Zajac, Z 069729
Zajachkowski, J 066295
Zajciew, D 071143
Zajciw, D 071315
Zajer, J 065266
Zajic, J E 067420
Zajicek, D 065691
Zakhariev, Z 064776
Zakharov, A M 067514
Zakharova, N F 070630
Zalashko, M V 067689
Zaleska-Palider, H 065365
Zalewski, J 063466
Zalitis, P P 071825
Zaliwski, S 069446
Zalov, M K 068028
Zaman, R 063564
Zaman, V 065648
Zamith, A P L 064498
Zamora Lozano, M 064640
Zamorska, M 068687
Zandvoort, R 069669
Zanker, J 068989
Zanner, L 068988
Zaorska, H 063790
Zaorska, H 063867
Zapata A, O 064713
Zapisek, W F 064324
Zaprianov, J 067691
Zaprometov, M N 067840
Zarkiewecz, T 070587
Zaslavskii, B Yu 063678
Zaslavskii, V A 071103
Zaslonkin, V P 068408
Zatko, J 068877
Zaujcova, L 068639
Zausch, M 068664
Zavanella, M 065408
Zavertiaev, B P 064984
Zavoi, A 067382
Zavrel, H 066663
Zawadski, I I 072427
Zawartka, M 065955
Zawislak, K 068886
Zazou, H 070691
Zbiec, I 068895
Zdero, C 067486
Zdero, C 067487
Zeddies, J 062306
Zee, Y C 065514
Zeeb, K 064457
Zeeuw, D de 062222
Zeeuw, R A De 067568
Zeevaart, J A D 068452
Zehmer, R B 065399
Zehnder, H J 063291
Zeidler, U 067485
Zel'tser, S Sh 069551
Zeleneva, I V 068159
Zelenko, A P 070960
Zelenko, A P 070964
Zelens'kyi, M O 067387
Zelenskij, N P 071634
Zelepukhin, I D 068502
Zeljko, M 065686
Zeller, R 066024
Zelles, L 068514
Zeman, J 071504
Zemskaia, V A 068004
Zemtsova, G N 067494
Zenkova, I A 071461
Zenkovich, B 068761
Zenkteler, M 067334
Zenon-Roland, L 070539
Zenon-Roland, L 070702
Zetner, K 065354
Zetterberg, G 067312
Zettle, T E 070865
Zeyen, R J 069687
Zhandaev, M S 072333
Zhansugurov, A 071939
Zharasov, Sh U 069940
Zharasov, Sh U 071732
Zhaunenka, V M 063200
Zhaunenka, V M 065684
Zhavoronkov, N I 066063
Zhbrykunov, A I 065766
Zhdanov, A G 069928
Zhecheva, G 063202
Zhecheva, G 070735
Zhekov, R 064894
Zhelev, I 066256
Zhelezniak, O M 062599
Zhemchuzhina, A I 069416
Zhemela, G P 072067
Zhezher, A IA 071725
Zhikhar, IA N 062380
Zhilevich, A 065036
Zhitneva, N N 067591
Zhivalev, I K 065143
Zhivalev, I K 065173
Zhivotkov, Kh I 065986
Zhivotova, L V 067350
Zhiznevskaya, G 067398
Zhiznevskaya, G Ya 067842
Zhlebinkov, Z 065698
Zhokovski, N 065724
Zholudov, V P 065997
Zhuchenko, A A 067230
Zhuk, I P 069659
Zhuk, I P 069662
Zhuk, I P 069665
Zhukenov, D U 065988
Zhukov, A B 066245
Zhukov, L 072473
Zhukova, L F 068702
Zhulavskaia, M N 068381
Zhulavskaia, M N 068384
Zhumabekov, Kh S 065797
Zhuravel', M S 067242
Zhurba, O V 067515
Zhushman, A I 063439
Zieba, D 064553
Zieba, D 064554
Zieba, J 064187
Zieba, S 062974
Zieba, S 064169
Ziegler, H 064378
Ziegler, J H 062997
Ziegler, J H 064413
Ziegler, J H 064414
Ziegler, J H 064735
Ziegler, J H 064736
Ziegler, M F 067409
Zielinska, E 069856
Zielke, E 070665
Zielke, E 071356
Ziemba, J V 063348
Ziemba, Z 063674
Ziesing, H 066283
Zilak, M 068871
Zilbermints, I V 070303
Zile, M 064436
Zillbauer, J 071521
Zillinsky, F J 069372
Zimmer, D E 068772
Zimmer, D E 069432
Zimmerman, E A 064352
Zimmermann, D 064400
Zimmermann, E 071546
Zimmermann, H 063920
Zimmermann, U 070919
Zimniak, Z 068903
Zimniak, Z 071964
Zimniak, Z 072244
Zimniak, Z 072245
Zinchenko, V I 063999
Zinecker, M 067083
Zinsmeister, H D 066635
Zintzen, H 065959
Ziobrowski, J 064902
Ziolecka, A 062415
Zipper, J 064220
Ziv, G 065615
Zizka, J 071756
Zizlavsky, J 064922
Zlotkin, E 070918
Zmudzki, J 066034
Zobries, M 062387
Zobries, M 063377
Zohar, Y 068588
Zohary, M 066661
Zohary, M 066677
Zohary, M 066678
Zohary, M 066844
Zohary, M 066845
Zoller, V 066477
Zolnierczuk, R 067653
Zolnierczuk, R 067654
Zolotogorov, V G 066498
Zommer, I 064164
Zon, A Q van 070246
Zorn-Ahrens, V 067827
Zotov, V V 067042
Zotov, V V 070501
Zoz, N N 067195
Zscheyge, F T 063553
Zsigmond, V L 066577
Zsinka, J 062357
Zub, L 069211
Zubarev, S V 070733
Zubareva, L A 065172
Zubenko, V F 068866
Zubenko, V F 071948
Zuber, M S 067103
Zuber, M S 069621
Zubilin, V A 065482
Zubkova, N F 067881
Zubochenko, V T 071981
Zubov, A E 068402
Zubov, A N 067858
Zubricky, J 064058
Zubricky, J 064059
Zuffa, A 065689
Zuiev, M M 068869
Zuikova, N F 069590
Zuikova, N F 069592
Zukowski, F 062414
Zumbach, W 069089
Zumpt, F 071358
Zumpt, F 071359
Zundel, R 069039
Zunino, M 071218
Zurawski, H 071965
Zurcher, C 063407
Zurcher, K 063325
Zurkowski, M 064982
Zurliiski, P 065743
Zurowski, T 065459
Zuydtwyck, H von 062649
Zuzens, D 068637
Zvedeniuk, A P 069177
Zvereva, E A 072070
Zvereva, G V 064541
Zwack, F 072058
Zwar, J A 067911
Zweep, W van der 070008
Zwierzykowski, W 063438
Zwierzykowski, W 063469
Zwierzykowski, W 063470
Zwierzykowski, W 063473
Zwierzykowski, W 063865
Zych, C C 068999
Zych, C C 069056
Zyrin, N G 071832

Bee
.B4
B471

ISSN 0006-1980

BIBLIOGRAPHY OF AGRICULTURE

Data provided by National Agricultural Library
U.S. Department of Agriculture

National Agricultural Library
Bee Culture Branch, Bldg. 5
Agricultural Research Center
Beltsville, Maryland 20705
AUG 2 1973

MACMILLAN INFORMATION
A Division of Macmillan Publishing Co., Inc.
866 Third Avenue
New York, N.Y. 10022

The *Bibliography of Agriculture* is a monthly index to the literature of agriculture and the allied sciences received in the National Agricultural Library. Magnetic tapes supplied by the library are computer processed, using several vocabulary control mechanisms. The resulting subject and author indexes provide access to the literature in considerably less time than would be required by traditional indexing techniques.

Vol. 37 - No. 8 August 1973 Entries 072621-081885

BIBLIOGRAPHY OF AGRICULTURE

Data provided by National Agricultural Library
U.S. Department of Agriculture

CONTENTS

INTRODUCTION . . . . . p. iii
MAIN ENTRY SECTION . . . . . p. 1

General agriculture and rural sociology 072621-072719
General agricultural economics and land economics 072720-072778
Agricultural administration and management 072779-072978
Agricultural production costs and returns 072979-073144
Agricultural production distribution 073145-073348
Statistical data and methodology 073349-073381
Outlook, policies, programs, and legislation 073382-073560
Consumer protection 073561-073704
Human nutrition 073705-073805
Home economics 073806
Agricultural products – general 073807-073923
Dairy products 073924-073983
Livestock products 073984-074061
Poultry products 074062-074081
Field crop products 074082-074247
Horticultural Products 074248-074316
Feed products 074317-074374
Animal husbandry 074375-074496
Livestock biology 074497-074850
Livestock feeding 074851-075172
Livestock breeding 075173-075445
Veterinary medicine 075446-075577
Infectious and parasitic diseases 075578-075986
Non-infectious diseases 075987-076105
Miscellaneous diseases 076106-076172

MACMILLAN INFORMATION
A Division of Macmillan Publishing Co., Inc.
866 Third Avenue
New York, N.Y. 10022

Forestry — general	076173-076234
Forest management	076235-076340
Silviculture	076341-076417
Forest industries	076418-076573
General plant science	076574-076596
Plant taxonomy and geography	076597-076811
Plant ecology	076812-076877
Plant morphology, anatomy and cytology	076878-077006
Plant genetics and breeding	077007-077266
Plant physiology and biochemistry — general	077267-077623
Physiology and biochemistry of field crops	077624-077967
Physiology and biochemistry of horticultural crops	077968-078198
Physiology and biochemistry of forest trees	078199-078248
Field crops — culture	078249-078585
Horticultural crops — culture	078586-078874
Miscellaneous economic plants — culture	078875-078887
Plant fungus diseases and control	078888-079114
Plant bacterial diseases and control	079115-079144
Plant virus diseases and control	079145-079212
Miscellaneous plant diseases, injuries, and control	079213-079407
Weeds and herbicides	079408-079621
Insect pests and controls — general and miscellaneous plants	079622-079679
Insect pests and controls — field crops	079680-079757
Insect pests and controls — horticultural crops	079758-079877
Insect pests and controls — forest trees, products	079878-079919
Insect pests and controls — products	079920-079942
Insect pests and controls — animal and man	079943-080045
Pesticides — general	080046-080153
General entomology	080154-080463
Taxonomic entomology	080464-080656
Apiculture and sericulture	080657-080692
Agricultural engineering	080693-080796
Farm equipment	080797-081000
Soil Science	081001-081273
Soil improvement materials	081274-081526
Soil resources and management	081527-081592
Water resources and management	081593-081760
General natural resources and environmental pollution	081761-081885
*Life sciences	
*Physical sciences and mathematics	
*Chemistry	
*Technology	
*Economics and administration	
*Social sciences and humanities	
*Information science	

*These categories are infrequently used

SUBJECT INDEX . . . . . p. 145
GEOGRAPHIC INDEX . . . . . p. 305
CORPORATE AUTHOR INDEX . . . . . p. 311
PERSONAL AUTHOR INDEX . . . . . p. 315

Copyright © 1973 by Macmillan Information, a division of Macmillan Publishing Company, Inc.

The Bibliography of Agriculture is published monthly by Macmillan Information, 866 Third Avenue, New York, New York 10022. All rights reserved. No part of this book may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photo-copying, recording, or by any information storage and retrieval system, without permission in writing from Macmillan Information. Price: $95.00 for 12 Issues. Individual Issue $10.00, plus Postage and Handling.

Manufactured in the United States of America.

Second Class Postage Rates paid at New York, N.Y. and at additional mailing offices.

INTRODUCTION

The *Bibliography of Agriculture* is a monthly index to the literature of agriculture and allied sciences, based upon the indexing records prepared by the U.S. National Agricultural Library, for its CAIN (Cataloging and Indexing) computer system. Macmillan Information, a division of the Macmillan Publishing Company, Inc. prepares and publishes the Bibliography under the control of its own computer indexing system.

CONTENT

The National Agricultural Library collects literature related to agriculture from world wide sources. Publications are considered for inclusion in the CAIN System if a summary, abstract or title is available in a language in which the Library has expertise. The Bibliography includes journal articles, pamphlets, government documents, special reports, proceedings, etc. Books, new serials and other materials recently cataloged by the Library are announced in the *National Agricultural Library Catalog* published by Rowman and Littlefield.

Articles of substantial interest to the agricultural community are selected by specialists on the library staff. Editorials, letters to the editor, regular columns, and articles signed with pseudonyms or initials are not included. Indexing of articles on the processing of agricultural products is limited to those on primary processing. Generally material must have been published in the current year or the preceding year, but exceptions are made for comprehensive volumes or works of special significance to a wide audience.

The Bibliography is now divided into five sections: A main entry section, a subject index, a geographic index, a corporate author index, and a personal author index.

MAIN ENTRY SECTION

The main entry section provides full bibliographic data for the records added to the CAIN system during the preceding month by the National Agricultural Library.

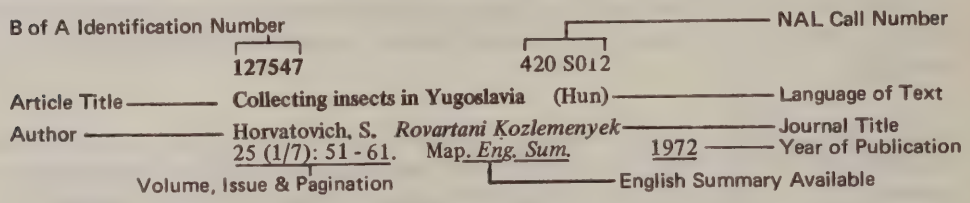
Entries are assigned to one (or more if appropriate) of the broad subject categories shown in the table of contents. The array of subject categories was increased in 1972 to facilitate browsing through a small number of citations of high relevance to a particular interest. Approximately equal numbers of citations will fall into each category over a given period of time. In assigning materials to the categories, first consideration is given to the aspect, discipline or methodology involved, so that the categories will enhance information given in the title.

Within each category, entries are arranged alphabetically by journal title abbreviation. This permits rapid locating and scanning of articles from journals which are known to be relevant.

Each entry begins with a six digit identification number assigned sequentially throughout a volume year. This number serves as an identfier for the item in the various indexes. The call number of the National Agricultural Library is also noted on the first line of each entry, and should be included in any correspondence with the library. All titles are in English, using the Library's translations of non-English titles as necessary. If the text is other than English, the original language is indicated in parentheses following the title, using the following notations:

(Afr)	Afrikaans	(Fle)	Flemish	(Lit)	Lithuanian
(Alb)	Albanian	(Fre)	French	(Mac)	Macedonian
(Arm)	Armenian	(Geo)	Georgian	(Nor)	Norwegian
(Aze)	Azerbaijani	(Ger)	German	(Pol)	Polish
(Bel)	Belorussian	(Gre)	Greek	(Por)	Portuguese
(Bul)	Bulgarian	(Heb)	Hebrew	(Rum)	Rumanian
(Bur)	Burmese	(Hun)	Hungarian	(Rus)	Russian
(Chi)	Chinese	(Ice)	Icelandic	(Ser)	Serbian
(Cro)	Croatian	(Ind)	Indonesian	(Slo)	Slovak
(Cze)	Czech	(Ita)	Italian	(Slv)	Slovenian
(Dan)	Danish	(Jap)	Japanese	(Spa)	Spanish
(Dut)	Dutch	(Kor)	Korean	(Swe)	Swedish
(Est)	Estonian	(Lat)	Latin	(Tha)	Thai
(Fin)	Finnish	(Lav)	Latvian	(Tur)	Turkish
				(Ukr)	Ukrainian

In order to identify bibliographic elements within each main entry, note the following:



SUBJECT INDEX

The vocabulary of the Bibliography of Agriculture is derived from the indexed literature. As a result, it reflects both natural language and scientific terminology. The reader must keep this fact in mind and approach the subject index without any preconceived taxonomy in mind. For example, data on a particular member of the ACARIDAE family may be found under TICKS as well. Prevention measures will be found under ACARICIDE.

The reader should plan his search in terms of the most specific natural language term prior to searching under a scientific term. However, note that the vocabulary is an open ended one and new terms are added each month. Undoubtedly readers will be more keenly aware of crucial search terms within their own fields of research. If such terms are missing, we hope readers will notify the editor of such gaps. The Subject Index will increase its utility if there is frequent interaction between the research community and the editor.

All entries are based on single words in the title (and title enrichment when added by the library). An entry will be made whenever a title word matches a word on the authority file, which currently contains over 25,000 terms. The file is organized so that in most cases synonymous terms are grouped together under a single subject heading. Thus singular and plural forms are grouped under a single term as are grammatical variants:

PROTEINS (singular and plural variation)
I. Water, fats, ash & salt. II **Protein**
Modifying **proteins** for maximum utilization

MANAGEMENT (grammatical and term variation)
profits through nutrition and **management**
Management agricultural extension
* **Administration** of agricultural cooperatives
Techniques of **administering** apiaries in apiculture

* Cross references are made to synonymous terms.

The title word on which the entry is based, appears in bold face type to facilitate rapid scanning of the index. A secondary word, which may either precede or follow the primary word, also appears in bold face type. These word pairs help provide finer access to desired term, particularly under headings which have many entries.

VIRUSES
Physical properties of blue-green **algal virus**
Venezuelan equine **encephalomyelitis virus**
Limited proteolysis of **potato virus X** by
with sugar beet tolerance to **virus yellows.**

If a search is required which related to a general term such as an ACID it would be preferable to search under the specific type of ACID. Very often a specific acid has already been established as a subject term. However new types of acids, or viruses or plant varieties will not have been identified in the the thesaurus and under such circumstances, searching under the more general term would prove more fruitful.

We have changed the format of the table of contents to reflect the identification number ranges of each of the main entry categories. Thus, the reader can check the category under which a subject entry falls, prior to verifying it in the main entry section.

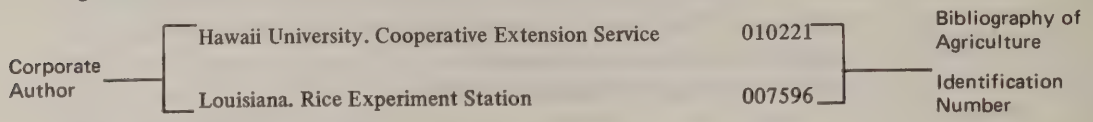
The asterisk line: * * * * * *
Occasionally the reader will encounter a series of asterisks in place of title data under a term, followed by the B of A identification number. This line indicates the presence of material which is part of a series and the title data is identical to that immediately above the asterisk. The identification number given is the last entry in the series which has been entered consecutively within a particular category.

GEOGRAPHIC INDEX

As part of our goal of constantly increasing access to the literature, we have added a geographic index. This index is a direct alphabetic listing of all place names which have been indexed in association with the title. Obviously not all titles will have geographic entries. The indexing division of the National Agricultural Library will add geographic descriptors wherever it is germane to the subject of the article.

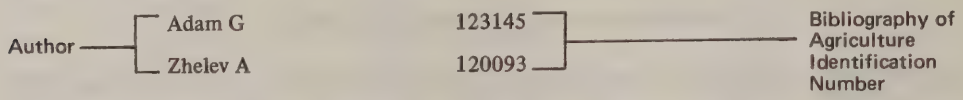
CORPORATE AUTHOR INDEX

Readers will note that the corporate author index is considerably enlarged. We are now able to indicate authorship of the publications of the State Agricultural Experiment Stations and Extension Services. The full corporate citation is given, followed by the six digit identification number referring to its appropriate main entry.



AUTHOR INDEX

All personal authors (to a maximum of ten for each citation) are included in the index. Entries are made by last name and initials, followed by the six digit identification number referring to the bibliographic data in the main entry section.



AVAILABILITY OF REFERENCES CITED

Most of the current publications of the Department of Agriculture, and publications issued by the State Experiment Stations and the State Agricultural Extension Services, may be obtained free of charge by applying directly to the issuing agency. The National Agricultural Library does not distribute them, nor does the publisher.

Users who wish to obtain full text for citations should first utilize the resources of their local libraries. For material which is not readily available from other sources, users may request material from the National Agricultural Library. Such requests must include the complete citation as well as the Library's call number. Microfilm or electrostatic copies of documents may be purchased from the Photocopying Service of the National Agricultural Library, U.S. Department of Agriculture, Beltsville, Maryland 20705. Copy charges are:

Microfilms:	$1.00 for each 30 pages or fraction copied from a single article or book
Electrostatic Copies:	$1.00 for each 10 pages or fraction copied from a single article or book.

Payment must accompany the order. Cash, library coupons, check, or money order drawn to the National Agricultural Library, USDA, are acceptable. Payment for orders originating outside the United States should be made by international money order or draft on an American bank, or by UNESCO book coupons. Library coupons, valued at $1.00 each, may be purchased in any quantity from the Library's Photocopying Service.

MAIN ENTRY SECTION

GENERAL AGRICULTURE AND RURAL SOCIOLOGY

072621 280.8 AG82
Social policy as well as problems of education & training. [Austria]. (Ger) Schuberth, R *Agr Rundsch* Special No.: 20-22. Feb 1973

072622 280.8 AG82
Press & radio in agriculture & forestry. (Ger) Wicha, R *Agr Rundsch* Special No.: 26-28. Feb 1973

072623 30.98 AG82
Changes in crop production in East Worcestershire 1540-1867. Yelling, J A *Agric Hist Rev* 21 (1): 18-34. 1973

072624 30.98 AG82
A relatively neglected field form: headland ridge. Baker, A R H *Agric Hist Rev* 21 (1): 47-50. 1973

072625 30.98 AG82
List of books & articles on agrarian history issued since June 1971. Hey, D *Agric Hist Rev* 21 (1): 57-65. 1973

072626 280.8 F77
Social demands of farmer & their consequences for farm conditions. (Ger) Planck, U *Akad Raumforsch Landesplanung Forsch Sitzungsber* 83: 99-117. Ref. 1972

072627 101 AL1A
Remote sensing for agriculture & forestry. [Aerial photography]. Pawluk, S *Alberta Univ Fac Agr Agr Bull* 19: 4-9. Spring 1973

072628 281.8 AM32
Motivation of successful farmers. Moraczewski, R *Amer Soc Farm Managers Rural Appraisers J* 37 (1): 25-27. Ref. Apr 1973

072629 18 N11
Practical studies in agricultural science – a successful experiment. (Ger) Bauer, H *Ausbildung Beratung LandHauswirtsch* 26 (2): 25-28. Feb 1973

072630 18 N11
Way for agricultural female laboratory technicians to become laboratory technicians in biology & chemistry. (Ger) Mende, K *Ausbildung Beratung LandHauswirtsch* 26 (2): 28-30. Feb 1973

072631 18 N11
'Programmed examination' in agricutural education. (Ger) Kampmann, H *Ausbildung Beratung LandHauswirtsch* 26 (2): 31-32. Feb 1973

072632 18 N11
German agricultural & forestry attache around world. (Ger) Harrach, W G *Ausbildung Beratung LandHauswirtsch* 26 (2): 33-34. Feb 1973

072633 18 N11
Rhineland: Professionally related growth development & advice. [Agriculture]. (Ger) Weber, P *Ausbildung Beratung LandHauswirtsch* 26 (3): 52-54. Mar 1973

072634 S760.A75A35
Agriculture & agricultural mechanization in Bangladesh. Choudhury, S D *AMa (agric Mech Asia)* 4 (1): 128-138. Spring 1973

072635 SB950.A1B6
Calculation of estimated yield of an Agricultural Advice Station. [Crops]. (Spa) Carceles Lopez, P *Bol Inf Plagas* 92: 33-34. Apr 1972

072636 S13.B7
Scientific work of Frantisek Dibel, professor of agriculture (1770-1859). (Cze) Vavra, M *Brno Acta Univ Agr Fac Agron* 20 (3): 479-486. 1972

072637 14 P215BC
Meteorology & agriculture. (Fre) Geslin, M H *C R Seances Acad Agric Fr* 15 (Special No.): 1169-1171. 1972

072638 14 P215BC
Agrometeorological assistance. (Fre) Brochet, M P *C R Seances Acad Agric Fr* 15 (Special No.): 1172-1181. 1972

072639 14 P215BC
Is hail control possible? (Fre) Michet, M J *C R Seances Acad Agric Fr* 15 (Special No.): 1182-1190. 1972

072640 14 P215BC
Mastery of climate in agriculture. (Fre) Hallaire, M *C R Seances Acad Agric Fr* 15 (Special No.): 1209-1223. Map. 1972

072641 281.9 C332
Fifty years of Soviet agriculture. (Cze) Choma, D *Cesk Akad Zemed Ustav Vedeckotech Inform Zemed Ekon* 18 (12): 783-796 eng. Sum. Dec 1972

072642 19.5 C333
Close link of experimental production stations for increased scientific & research activities in development of production workers for agricultural & food industries. (Cze) Vlcek, K *Cesk Akad Zemed Vestn* 19 (12): 568-571. 1972

072643 6 W55
Space science aids agriculture. Baumgardner, M F *Crops Soils* 25 (8): 18-22. June/July 1973

072644 HD1790.5.A1D4
Scientific analysis of rural community enterprises. (Spa) Bosco Pinto, J *Desarrollo Rural Amer* 4 (3): 236-248. Eng. Sum. Sept/Dec 1972

072645 HD1790.5.A1D4
Decades of Latin American extension: Adoption, adaptation & reflection. (Spa) Ansorena, I *Desarrollo Rural Amer* 46 (3): 249-278. Ref. Eng. Sum. Sept/Dec 1972

072646 18 D4825T
Social aspects of world wide cereal production. (Ger) Steikhardt, H *Deut Akad Landwirtschaftswiss Tagungsber* 119: 9-13. 1972

072647 HD1785.A1
Future of rural America – quest for balance. Butz, E L *Econ Planning (montreal)* 8 (6): 3-6. Nov/Dec 1972

072648 281.8 SO73
Triumph of Lenin's ideas. [Agriculture, history]. (Rus) Moiseev, M *Ekon Sel Khoz* 1: 16-28. Jan 1973

072649 281.8 SO73
Basis of strength of socialist society. [Collective farming, history]. (Rus) Sagaidachnaia, Z *Ekon Sel Khoz* 1: 8-15. Jan 1973

072650 281.8 SO73
Soviet peasantry of Lithuania. (Rus) Belianskii, S *Ekon Sel Khoz* 10: 29-31. Oct 1972

072651 281.8 SO73
Soviet peasantry of Latvia. (Rus) Ieva, T *Ekon Sel Khoz* 10: 31-34. Oct 1972

072652 281.8 SO73
Soviet peasantry of Estonia. (Rus) Khizhniakov, V *Ekon Sel Khoz* 10: 34-36. Oct 1972

072653 57.8 F4123
Punjab Agricultural University. Virk, K S *Fert News* 18 (3): 52-57. Mar 1973

072654 24 G25
A case of articulation between investigation, extension & agricultural promotion & on job training by an agricultural school of secondary level in Mozambique. (Por) Berberan, J C *Gaz Agr (lourenco Marques)* 24 (279): 242-245. Aug 1972

072655 24 G25
Design of cultivated land. (Por) Silva Ferreira, M *Gaz Agr (lourenco Marques)* 24 (280): 268-278. Sept 1972

072656 18 G313E
Research on professional agricultural education considering actual tendency of education policy. (Ger) Schmiel, M *Ger (fed Repub) Landwirt-Angew Wiss* 159, 88 P. Ref. 1972

072657 18 G313E
Vacation on farm: results of an inquiry concerning attitude of rural population. (Ger) *Ger (fed Repub) Landwirt-Angew Wiss* 162, 38 P. 1972

072658 17 SCH9
Vocational testing for women farmers in east Switzerland. (Ger) Kaderli, G *Grune* 101 (22): 812-814. June 1, 1973

072659 345 M562
Distribution of weather adverse conditions calculated by Bodman's formula, on Romanian Territory. (Rum) Tistea, D *Hidroteh Gospod Apelor Meterol* 17 (9): 494-497. Eng. Sum., P. I Sept 1972

072660 HD2092.A1H6
Aspects of agricultural panic in Meiji 40's. (Jap) Okama, K *Hokkaido Daigaku Nogyo Keizai-gaku Kyoshitsu Rev Agric Econ* 29: 148-170. Ref. Feb 1973

072661 HD2092.A1H6
Degeneration of 'rurality' under urbanization. III. Its analyses by S.E.S. [Socio-Economic Status]. (Jap) Kaneta, H *Hokkaido Daigaku Nogyo Keizai-gaku Kyoshitsu Rev Agric Econ* 29: 53-92. Feb 1973

072662 HD2042.A1I4
Contribution of Georgi Dimitrov to socialist reconstruction of agriculture. (Bul) Minkov, M *Ikon Sel Stop* 9 (6): 15-24. 1972

072663 S590.I56
Agricultural research – progress, problems & prospects. Swaminathan, M S *In International Symposium on Soil Fertility Evaluation, Ne W Delhi, 1971. Proceedings* 2: 56-72. 1972

072664 S592.5.O7
Agricultural chemicals in enviroment: a quantitative viewpoint. [Pollution]. Goring, C A I *In Organic Chemicals in the Soil Environment* 2: 793-863. Ref. 1972

072665 HD1945.A1I5
Training of women farmers: An audio-visual assemblage in Vosges. (Fre) Dentzer, M T *Inform Agr (paris)* 435: 50. Apr 1973

072666 20 M57AG
Fifth International Colloquium of International Committee 'Plastic in Agriculture'. (Ger) Somos, A *Int Z Landwirt* 2: 229-233. 1973

072667 20 M57AG
Agriculture in Cuban Republic. (Ger) Bogomolow, A *Int Z Landwirt* 2: 235-238. 1973

072668 20 M57AG
Role of youth in development of agriculture [Mongolia]. (Ger) Bataa, D *Int Z Landwirt* 6: 708-710. 1972

072669 S19.I78
Twenty-five years of Israel agriculture. Maas, F D *Isr Agric* P. 1-5 Spring 1973

072670 S19.I78
Kibbutz-an agricultural-industrial village. Shatil, J E *Isr Agric* P. 19-27. Spring 1973

072671 S19.I78
Agriculture in Moshav. Fichman, M *Isr Agric* P. 29-33. Spring 1973

072672 16 IT1
Land of Tombolo; a potential 'National Center for Research & Agricultural Experimentation. (Ita) Benvenuti, A *Ital Agr* 109 (12): 1349-1366. Dec 1972

072673 16 IT1
Agriculture & industry in South Italy. (Ita) Ramadoro, A *Ital Agr* 110 (1): 25-28. Jan 1973

072674 16 IT1
An overview of an agricultural region: Umbria. (Ita) Rutili, G *Ital Agr* 110 (1): 38-62. Jan 1973

072675 278.8 J82
Creating a county agricultural atlas. [Oregon]. Loy, W G *J Geogr* 72 (4): 8-12. Map. Apr 1973

072676 60.18 J82
Survey of professional attitudes toward range science education & training. Kienast, C R *J Range Manage* 26 (3): 161-164. May 1973

072677 S583.L32
Development of a new empirical minimum temperature formula. Tredoux, J *Landbouwet S-Afr Agric Sci S Afr Agrochemophys* 4 (4): 109-122. 1972

072678 S583.L32
Minimum temperature forecasting in central Orange Free State. Tredoux, J *Landbouwet S-Afr Agric Sci S Afr Agrochemophys* 4 (4): 83-92. Ref. 1972

072679 105.2 OR3
Postgraduate instruction in Wageningen. (Dut) Kloes, L J J van der *Landbouwkundig Tijdschr* 85 (3): 75-76. Mar 1973

072680 105.2 OR3
Training at Agricultural University for work in tropics & subtropics. (Dut) Franke, A *Landbouwkundig Tijdschr* 85 (3): 96-99. Mar 1973

072681 284.9 M58
Prospects for rural community function & organization. House, A *Mich Agr Exp Sta Res Rep* 193: 9-14. Mar 1973

072682 18 N39
Once again: health insurance of farmer. (Ger) Dahm, K *Mitt Deut Landwirt-ges* 87 (50): 1270-1271. Dec 7, 1972

072683 100 M693 (3)
Changes in health behavior & opinions among open-country families in two Missouri counties 1955 – 56 & 1968. Hassinger, E W *Mo Agr Exp Sta Res Bull* 994, 55 P. Jan 1973

072684 100 M693 (3)
Ministers in rural churches of Missouri. Hassinger, E W *Mo Agr Exp Sta Res Bull* 995, 44 P. Feb 1973

072685 451 M84
Shall we plant trees or build buildings? Fairchild, D *Morton Arboretum Quart* 9 (1): 1-6. Spring 1973

072686 S19.M9
Exploratory research in programmed instruction for extension education use. Ramakrishna, B *Mysore J Agr Sci* 6 (4): 491-497. 1972

072687 14 R323
Are we going to be skilled laborers of tomorrow's civilization? [Farmers]. (Fre) Debatisse, M *Paysans* 16 (93): 6-13. June/July 1972

072688 56.8 P344
On role of pedology in education of earth science in high school. (Jap) Hosono, M *Pedologist* 16 (2): 55-65. Dec 1972

072689 19.5 P752
On some problems of utilization of air photographs in agriculture. (Slo) Kalubikova, E *Pol'nohospodarstvo* 19 (1): 71-75. Eng. Sum. 1973

072690 47.8 AM33P
Is there a future for land-grant college research & extension? Bayley, N D *Poultry Sci* 52 (1): 5-15. Jan 1973

072691 21 R862
Concerns of managing council of Agricultural Porduction Cooperative from Stefanesti, ilfov District as concerns adequate working out of 1973 production plan. (Rum) Ivan, G I *Probl Agr (bucharest)* 24 (12): 65-73. 1972

072692 21 R862
South America – continent of agrarian paradox. (Rum) Malinschi, V *Probl Agr (bucharest)* 25 (3): 82-86. Mar 1973

072693 49 P952
Factors increasing effectiveness of agricultural education. (Pol) Stryjewski, L *Przegl Hodowlany* 40 (8): 4-5. Apr 16/30, 1972

072694 68.28 R322
Enlargement of activities of social action program. [Rural social action, Guatemala]. (Spa) Aragon Quinones, H *Rev Cafetalera* 122: 17, 19. Feb 1973

072695 281.8 R52
Rural sociologist contribution to implementation of development programme. (Ita) Virone, L E *Riv Econ Agr* 27 (6): 103-113. Eng. Sum. 1972

072696 281.8 R52
Town & countryside: cultural originality or historical relicts? (Ita) Barberis, C *Riv Econ Agr* 27 (6): 93-101. Ref. Eng. Sum. 1972

072697 100 SO82 (1)
Vocational & residential adjustment as viewed by selected farmers, part-time farmers, & ex-farmers: an attitudinal study with particular implications for public policy. [Popula Gilbert, H A *S Dak Agr Exp Sta Bull* 609, 69 P. Map. Apr 1973

072698 100 SO82 (1)
South Dakota population, housing & farm census facts; ranking of counties on population & housing (1960 – 1970) & farms (1964 – 1969). Riley, M P *S Dak Agr Exp Sta Bull* 611, 63 P. Ref. May 1973

072699 100 SO82 (1)
Pilot programs in off-farm agricultural occupations. Leske, G *S Dak Agr Exp Sta Bull* 612, 20 P. May 1973

072700 470 SCI2
Agriculture: critics find basic research stunted & wilting. Wade, N *Science* 180 (4084): 390-393. Apr 27, 1973

072701 470 SCI2
Agriculture: social sciences oppressed & poverty stricken. Wade, N *Science* 180 (4087): 719-722. May 18, 1973

072702 S540.A2C42
Seminar on planning on higher agricultural education: Final report, Rio de Janeiro, Brazil, September 14-18, 1970. (Spa) *Ser Inf Cent Doc Sobre Invest Ensenanza Super Agropecu Zona Sur* 4, 315 P. 1970 (Pub. 1972)

072703 S540.A2C42
Uruguay. 1. Report of Faculty of Agronomy. (Spa) Arbiza, S *Ser Inf Cent Doc Sobre Invest Ensenanza Super Agropecu Zona Sur* 4: 141-184. 1970 (Pub. 1972)

072704 S540.A2C42
Use of agriculture in some Latin American countires. (Spa) Bouvier, M *Ser Inf Cent Doc Sobre Invest Ensenanza Super Agropecu Zona Sur* 4: 230-245. 1970 (Pub. 1972)

072705 S540.A2C42
Present state of higher agricultural education in Argentina. (Spa) Nasca, A J *Ser Inf Cent Doc Sobre Invest Ensenanza Super Agropecu Zona Sur* 4: 29-90. Map. 1970 (Pub. 1972)

072706 S13.S82
Agriculture in Mogolian People's Republic (Review). (Cze) Pesek, F *Stud Inf Vseobecne Otazky Zemed* 3, 120 P. Ref. Eng. Sum. 1972

072707 S19.T3
Report of Privincial Commission if Agriculture & Forestry of Taiwan. (Chi) Chang, H S *Taiwan Agr Quart* 8 (4): 3-14. Dec 1972

072708 26 T22
Agricultural popularization in Africa & Madagascar: Words of a creative agronomist. (Fre) Chantran, P *Tech Agr Prod Trop* 23, 277 P. Ref. 1972

072709 S9.T4
Cooperation & constitution. [Agriculture]. (Ita) Bonini, V *Terra Vita* 14 (1): 20-23. Map. Jan 5, 1973

072710 11 V44T
Instruction at Sala Agricultural College. (Swe) Andersson, B *Vastmanlands Lans Hushallningssallsk Tidskr* 2: 12-13. 1973

072711 11 V44T
Instruction at Sala Agricultural College. (Swe) Andersson, B *Vastmanlands Lans Hushallningssallsk Tidskr* 3: 12-14. 1973

072712 20 V633
Specialist & technical progress. [Agriculture]. (Rus) Kuznetsov, I *Vestn Sel'skokhoz Nauk (moscow)* 3: 1-7. Mar 1973

072713 20 V633
Providing information for agricultural sciences. (Rus) Ulanov, B P *Vestn Sel'skokhoz Nauk (moscow)* 3: 112-120. Mar 1973

072714 100 W27E
1973 Research progress. [Agriculture]. *Wash Agr Exp Sta Bull* 774, 57 P. 1973

072715 280.9 W527P
Developments in agriculture in People's Republic of China. Larsen, M R *West Farm Econ Ass Proc* 45: 12-22. Ref. 1972

072716 280.9 W527P
Rural town & scale question. Haurin, D R *West Farm Econ Ass Proc* 45: 191-198. 1972

072717 280.9 W527P
Rural communities & regions. [U.S.]. Prescott, J R *West Farm Econ Ass Proc* 45: 213-219. 1972

072718 281.8 W892
Recent developments in agriculture, land & water use in Jordan. Birch, B P *World Crops* 25 (2): 66-76. Maps. Mar/Apr 1973

072719 281.8 W892
Technological breakthrough in agriculture & its possible socio-economic impact in India. Jayaprakash, R K *World Crops* 25 (2): 78-84. Ref. Mar/Apr 1973

GENERAL AGRICULTURAL ECONOMICS AND LAND ECONOMICS

072720 HD1987.L32
Change in chief industry of sandy Drenthe area during period 1966/1971. [Land use]. (Dut) Baris, D B *(publ) Landbouw Econ Inst, Afd Streekonderz* 2.45, 48 P. Map. Feb 1973

072721 HD1987.L32
Change in chief industry of Frisian meadow & forest areas during period 1966/1971. [Land use]. (Dut) Baris, D B *(publ) Landbouw Econ Inst, Afd Streekonderz* 2.46, 53 P., Map. Mar 1973

072722 281.8 AG826
Laborand land-saving technologies. (Ger) Weber, A *Agrarwirtschaft* 22 (2): 57-68. Eng. Sum. Feb 1973

072723 30.98 AG82
Absentee landownership in late seventeenth & early eighteenth centuries: a neglected factor in English agrarian history. Roebuck, P *Agric Hist Rev* 21 (1): 1-17. 1973

072724 30.98 AG82
Cost of parliamentary enclosure in Buckinghamshire. Turner, M E *Agric Hist Rev* 21 (1): 35-46. 1973

072725 442.9 AK132
Productive grouping of winter pasture lands in northwestern Kobystan. (Aze) Salaev, M E *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 4: 30-35. Ref. 1972

072726 280.8 F77
Inference for land planning: A comprehensive account. (Ger) Isenberg, G *Akad Raumforsch Landesplanung Forsch Sitzungsber* 83: 119-128. 1972

072727 280.8 F77
On new orientation in land improvement range of duty. (Ger) Meyer, K *Akad Raumforsch Landesplanung Forsch Sitzungsber* 83: 61-76. Ref. 1972

072728 18 N11
More information for growth development on land. [West Germany]. (Ger) Muth, H *Ausbildung Beratung Land-Hauswirtsch* 26 (3): 44-46. Mar 1973

072729 65.9 AU7
Land classification, a basis for development of Isis. Pink, H S *Australian Sugar Year Book* 32: 99. 1973

072730 99.9 B143
Killertal: a discussion concerning landscape planning. (Ger) Ammer, U *Baden-wurttemberg Landesforstverwalt Schriftenreihe* 38, 140 P. 1972

072731 18 G31A
Chronicle of agrarian policy & agrarian economy of German Empire from 1933 – 1945. (Ger) Tornow, W *Ber Landwirtsch Z Agrarpolit Landwirtsch* Special No. 188, 193 P. Ref. 1972

072732 14 P215BC
Land management & microclimate: Problem of groves. (Fre) Bouchet, R J *C R Seances Acad Agric Fr* 15 (Special No.): 1224-1240. 1972

072733 277.8 EC7
Tudors & church lands: economic problems of bishopric of Ely during sixteenth century. Heal, F *Econ Hist Rev* (Ser 2) 26 (2): 198-217. Ref. May 1973

072734 281.8 SO73
Agrarian reform in Syrain Arabic Republic. (Rus) Poluektov, L *Ekon Sel Khoz* 1: 113-115. Jan 1973

072735 281.8 SO73
Land development planning. (Rus) IAshchuk, F *Ekon Sel Khoz* 1: 87-90. Jan 1973

072736 281.8 SO73
An industrial base for agriculture. (Rus) Kozlov, N *Ekon Sel Khoz* 10: 11-21. Oct 1972

072737 281.8 SO73
Agrarian problems in Algeria. (Rus) Zhukov, L *Ekon Sel Khoz* 10: 110-112. Oct 1972

072738 281.8 SO73
New land of Golodnaia Steppe. (Rus) Usmanov, K *Ekon Sel Khoz* 10: 22-28. Oct 1972

072739 281.8 SO73
Economic competition of two world systems. [Agriculture]. (Rus) Khlebutin, E *Ekon Sel Khoz* 10: 37-47. Oct 1972

072740 281.8 SO73
Analysis of productivity of land. (Rus) Tikhomirov, R *Ekon Sel Khoz* 10: 85-89. Oct 1972

072741 281.8 SO73
Territorial distribution of labor & specialization. [Agricultural economics]. (Rus) Rudenko, G *Ekon Sel Khoz* 3: 59-68. Mar 1973

072742 281.8 SO73
Land development, an integral part of intensification of agriculture. (Rus) Alekseevskii, E *Ekon Sel Khoz* 3: 6-13. Mar 1973

072743 281.8 SO73
Land resources of non-Chernozem zone. (Rus) Sotnikov, V *Ekon Sel Khoz* 3: 84-92. Mar 1973

072744 281.8 SO73
Economic basis for acreage structure. (Rus) Dem'ianova, V *Ekon Sel Khoz* 3: 92-97. Mar 1973

072745 281.8 SO73
Scientific work in economic valuation of land. (Rus) Rozumnyi, I *Ekon Sel Khoz* 4: 81-89. Apr 1973

072746 511 H367
Resettlement, its motivation & realization in northern Suomenselka, Finland. Jaatinen, S *Fennia* 116, 34 P. Ref. 1972

072747 19 F75
Place of agriculture in national economy. (Ger) Kobsa, F *Forderungsdienst* 20 (10): 325-340. Oct 1972

072748 19 F75
Functions of agriculture & forestry which are not expressed in productivity yields. (Ger) Pevetz, W *Forderungsdienst* 20 (8): 253-262. Aug 1972

072749 19 F75
Hill farmers & touristic opening up of mountain pasture zone. [Austria]. (Ger) Wohlfarter, R *Forderungsdienst* 21 (1): 7-11. Jan 1973

072750 18 G31
Lease in a dynamic economy. [Land]. (Ger) Pabsch, E *Germany Bundesmin Ernahr Landwirt Forsten Ber Landwirt* 50 (4): 853-863. Eng. Sum. Dec 1972

072751 11 H35
In Ballum meadow & Skast marsh there remain 1750 hectares of valuable agricultural land. (Dan) Tonder, B *Hedeselsk Tidsskr* 93 (2): 246-252. Map. Dec 15, 1972

072752 HD2092.A1H6
Some views on agriculture in time of Sapporo Agricultural College, 1888 – 1897. (Jap) Osaki, K *Hokkaido Daigaku Nogyo Keizai-gaku Kyoshitsu Rev Agric Econ* 29: 108-127. Feb 1973

072753 HD2092.A1H6
Crisis of land & its control over rural community ownership. (Jap) Nakajima, M *Hokkaido Daigaku Nogyo Keizai-gaku Kyoshitsu Rev Agric Econ* 29: 128-147. Ref. Feb 1973

072754 281.9 IL6I
Factors affecting farmland values in Illinois. Klinefelter, D A *Ill Agr Econ* 13 (1): 27-33. Jan 1973

072755 281.9 IL6I
Expected changes in farm organization when industry moves into a rural area. [Labor]. Scott, J T *Ill Agr Econ* 13 (1): 41-47. Ref. Jan 1973

072756 GA931.N3 1971
Maps for evaluating land resources of regions of new economic development – basic principles of compilation. (Rus) Litvinova, K N *In Nauchno Tek Konf po Tematicheskoi Kartogr, 4Th, Moscow, 1971. Otsenochnye Karty Prirody, Naseleniia i Khoziaistva* P. 188-193. 1973

072757 GA931.N3 1971
Land maps for regional planning. (Rus) Sheffer, E G *In Nauchno Tek Konf po Tematicheskoi Kartogr, 4Th, Moscow, 1971. Otsenochnye Karty Prirody, Naseleniia i Khoziaistva* P. 69-73. 1973

072758 20 M57AG
Agriculture in economy of Soviet Republics. (Ger) Suslow, I *Int Z Landwirt* 6: 609-614. 1972

072759 281.8 L93
Community property & farm ownership. Corty, F L *La Rural Econ* 35 (2): 2-5. May 1973

072760 281.8 L93
Structure of rural economies. [Louisiana]. Guedry, L J *La Rural Econ* 35 (2): 5-8. May 1973

072761 282.8 J82
Floodplain lands for parks & recreation: a case study of Milwaukee. David, E J L *Land Econ* 49 (2): 221-226. Map. May 1973

072762 14 R323
Development of landed structures: Balance & prospects. [Agriculture]. (Fre) Vaylet, J L *Paysans* 17 (98): 18-33. Feb/-Mar 1973

072763 325.28 P56
Computer analysis of imagery. Turinetti, J D *Photogramm Eng* 39 (5): 501-505. Ref. May 1973

072764 14 P944
New law on land consolidation, a first step toward an integral rural management. [Belgium]. (Fre) Leys, R *Propr Terrienne* 25 (294): 220-221, 223. June 1972

072765 13 R322
Problem of land policy. (Fre) Beken, A van der *Rev Agr (brussels)* 26 (1): 7-23. Ref. Jan/Feb 1973

072766 281.8 R52
Marginal lands. (Ita) Benedetti, A *Riv Econ Agr* 27 (6): 11-16. 1972

072767 281.8 R52
Land reform in Iran. (Ita) Pignatti, A *Riv Econ Agr* 27 (6): 115-133. Ref. Eng. Sum. 1972

072768 281.8 R52
Long road towards reform of farm structures in European Economic Community countries. (Ita) Proni, G *Riv Econ Agr* 27 (6): 3-10. 1972

072769 281.8 R52
Function of land register in regions. (Ita) Sorbi, U *Riv Econ Agr* 27 (6): 87-92. Eng. Sum. 1972

072770 50.8 R322
Economic aspects of freezing meat. (Fre) Planta, M de *RTva (rev Tech Vet Abattoirs Hyg Aliment)* 11 (93): 7-12. Mar 1973

072771 1.6 SO3S
Grow your own steak? [Land multiple use]. *Soil Conserv* 38 (9): 194. Apr 1973

072772 100 T31TE
Land use & rural development. Schmedemann, I W *Tex Agr Progr* 18 (4): 17-19. Fall 1972

072773 56.9 AL6
On problem of qualitative valuation of non-irrigated lands of Kazakhstan. (Rus) Sokolov, A A *Tr Inst Pochvoved, Akad Nauk Kaz SSR* 21: 140-174. Ref. 1972

072774 280.9 W527P
Linear programming for multiple-use management. [Land]. Kaiser, H F *West Farm Econ Ass Proc* 45: 114-118. 1972

072775 280.9 W527P
Analysis of recreational subdivision control policy: a simulation approach. [Rural lands]. Schwartz, S I *West Farm Econ Ass Proc* 45: 149-152. 1972

072776 280.9 W527P
Rural economic research: new frontiers for West. [Land utilization farms]. West, Q M *West Farm Econ Ass Proc* 45: 35-43. 1972

072777 280.9 W527P
Land appreciation & capital structure of farm-firm. Umberger, D *West Farm Econ Ass Proc* 45: 71-74. 1972

072778 99.8 Y1
European land use perspectives. Davis, K P *Yale Forest Sch News* 61 (1): 9-10. Apr 1973

AGRICULTURAL ADMINISTRATION AND MANAGEMENT

072779 281.9 C81A
New York dairy farm management; business summary, 1971. Bratton, C A *A E Res Dep Agric Econ Cornell Univ Agric Exp Stn N Y Coll A Gric Life Sci* 72-12, 42 P., Map. Sept 1972

072780 281.9 C81A
Capital formation on Ecuadorian frontier: a study of human investment & modernization in Riobambeno Gladhart, P M *A E Res Dep Agric Econ Cornell Univ Agric Exp Stn N Y Coll A Gric Life Sci* 72-5, 73 P., Map. Ref. Apr 1972

072781 450 AD14
Podostemaceae from Madagascar. (Fre) Cusset, C *Adansonia* (Ser. 2) 12 (4): 557-568. 1972

072782 281.8 AG826
Use of generalized systems simulation approach in management research. [Agriculture]. (Ger) Kuhlmann, F *Agrarwirtschaft* 22 (4): 127-136. Ref. Eng. Sum. Apr 1973

072783 15 AG84
Vertical integration: Contractual agriculture. (Spa) Gonzalez del Barrio, J E *Agric Rev Agropecu* 42 (491): 159-161. Mar 1973

072784 14 AG823
Fifteen years of lost occasions. [Agricultural policies]. (Fre) Clavel, J C *Agric Rev Men Tech Econ* 364: 103-105. Apr 1973

072785 280.8 F77
Development tendencies of social economic farm structures under different structural & natural conditions. (Ger) Riemann, F *Akad Raumforsch Landesplanung Forsch Sitzungsber* 83: 77-97. Ref. 1972

072786 49 AL57
Program for development of cattle rearing from point of view of economic policy. (Hun) Zsuffa, E *Allattenyesztes* 22 (1): 1-7. 1973

072787 11 AL8K
A 4H business enterprise – an economic drawback for parents? (Swe) Akesson, E *Alvsborgs Lans Sodra Hushallningssallsk Tidskr* 2: 10-12. Mar 1973

072788 281.8 AM32
Business strategies for growth, profit & client satisfaction in farm management business. Kadlec, J E *Amer Soc Farm Managers Rural Appraisers J* 37 (1): 19-22. Apr 1973

072789 281.8 AM32
A look at Communist Germany. [Farming]. Hough, P *Amer Soc Farm Managers Rural Appraisers J* 37 (1): 39-44. Apr 1973

072790 281.8 AM32
Perspectives & approaches to farm business management. Mueller, A G *Amer Soc Farm Managers Rural Appraisers J* 37 (1): 9-17. Ref. Apr 1973

072791 18 N11
Modern style of leadership in management. [Agriculture]. (Ger) Sable, A *Ausbildung Beratung LandHauswirtsch* 26 (2): 23-24. Feb 1973

072792 18 N11
'lucky' Lower Saxony cooperation for men on land. (Ger) Freise, H *Ausbildung Beratung LandHauswirtsch* 26 (3): 50-52. Mar 1973

072793 SF95.A9
Mechanism of price formation in commercialization of breeding livestock in U.S.A. And Canada: Auctions; a Friesian cow obtains eight million pesetas (world record). (Spa) Vaquero, B M *Av Aliment Mejora Anim* 14 (1): 15-21. Jan 1973

072794 S760.A75A35
Mechanization, labor & time in multiple cropping. Banta, G R *AMa (agric Mech Asia)* 4 (1): 27-30. Spring 1973

072795 S760.A75A35
Agricultural diversification & development. [Taiwan]. Lee, T H *AMa (agric Mech Asia)* 4 (1): 43-53. Spring 1973

072796 S760.A75A35
Farm size, economic efficiency, & social justice (a case of Punjab). Johl, S S *AMa (agric Mech Asia)* 4 (1): 56-61. Spring 1973

072797 S760.A75A35
Multiple cropping & small farmers. Faidley, L W *AMa (agric Mech Asia)* 4 (1): 62-65, 88. Spring 1973

072798 S760.A75A35
Tractor custom hire services in multiple crop farming. Chancellor, W J *AMa (agric Mech Asia)* 4 (1): 66-68. Spring 1973

072799 S11.B43
Some notes on horticultural economics. 49. Are we olbiged to aim horticultural research at increasing kilogram yield per acre? (Dut) Sangers, W J *Bedrijfsontwikkeling* 4 (4): 375-378. Apr 1973

072800 66.8 B392
Impressions of New Zealand's farming. Wilkson, R K *Biatas* 27 (1): 14-15. Apr 1973

072801 280.28 B633
Organization of large agricultural cooperative. (Dut) Smit, H H *Bolwerk* 19: 3. Apr 1973

072802 65.8 B73
Organization of rural production. IV. (Por) Coutinho dos Santos, M *Brasil Acucareiro* 81 (3): 36-51. Mar 1973

072803 RA784.A1C3
Good husbandry – art of feasible a pragmatic approach to agricultural innovation. McDowell, J *Carib Food & Nutr Inst Cajanus* 6 (1): 22-29. Jan/Mar 1973

072804 281.9 C332
On some problems of determination of allotment of production funds to another purposes in some fields of agricultural production. (Cze) Jezek, S *Cesk Akad Zemed Ustav Vedeckotech Inform Zemed Ekon* 19 (1): 25-32. Jan 1973

072805 19.5 C333
Model enterprises for potato production – example for specialization & concentration of potato production in cooperative arrangement. (Cze) Daniel, J *Cesk Akad Zemed Vestn* 20 (2): 87-94. Maps. 1973

072806 385 T57C
Problems of livestock raising on a large-scale: management of swine. (Jap) Miyamoto, K *Chem & Chem Ind (tokyo)* 26 (4): 136-139. Apr 1973

072807 80 C83
Stopping drift of farm labour. Hurst, D *Country Life (london)* 153 (3961): 1505-1506. May 24, 1973

072808 58.8 D482
Co-operation with Soviet Union in development & manufacture of KS-6 sugar beet harvester & loader. (Ger) Rothig, H *Deut Agrartech* (11): 481-482. 1972

072809 58.8 D482
Maintenance organization in co-operative plant production departments. (Ger) Lange, H *Deut Agrartech* 1: 26-28. 1973

072810 18 D4825T
Fundamentals for intensification of cereal production from economic point of view. (Ger) Oldach, K O *Deut Akad Landwirtschaftswiss Tagungsber* 119: 203-210. Eng. Sum. 1972

072811 18 D4825T
Appropriate arrangement of size & structure of cereal production in areas with amelioration plans. (Ger) Michel, H J *Deut Akad Landwirtschaftswiss Tagungsber* 119: 211-216. Eng. Sum. 1972

072812 281.8 SO73
Improving management in Sel'khoztekhnika system. (Rus) Shvyd'ko, V *Ekon Sel Khoz* 1: 29-34. Jan 1973

072813 281.8 SO73
Economic analysis in system of administrating activities of state farms & collective farms. (Rus) Smirnov, I *Ekon Sel Khoz* 1: 35-45. Jan 1973

072814 281.8 SO73
Effectively combining means of production & labor force. (Rus) Dushkin, A *Ekon Sel Khoz* 1: 51-55 Jan 1973

072815 281.8 SO73
Prospects for specialized sector. [Collective farming]. (Rus) Dziuba, V *Ekon Sel Khoz* 1: 64-67. Jan 1973

072816 281.8 SO73
Planning number of machine & tractor operator cadres. (Rus) Marusin, M *Ekon Sel Khoz* 1: 71-75. Jan 1973

072817 281.8 SO73
Radio communication network service in Altai Territory. [Farm management]. (Rus) Kuznetsov, I *Ekon Sel Khoz* 1: 76-79. Jan 1973

072818 281.8 SO73
Regional trust on complete cost accounting system. [Collective farming]. (Rus) Rybachenko, A *Ekon Sel Khoz* 1: 79-83. Jan 1973

072819 281.8 SO73
Contractual relationships between farm-industrial complexes. (Rus) Lur'e, S *Ekon Sel Khoz* 1: 91-95. Jan 1973

072820 281.8 SO73
Organizing role of specialist. [Collective farming]. (Rus) Kuznetsov, A *Ekon Sel Khoz* 1: 99-101. Jan 1973

072821 281.8 SO73
Productivity of labor & how to increase it. (Rus) Kornienkov, A *Ekon Sel Khoz* 10: 100-102. Oct 1972

072822 281.8 SO73
Identical conditions but different results. [Collective farming]. (Rus) Kravchuk, V *Ekon Sel Khoz* 10: 102-105. Oct 1972

072823 281.8 SO73
Electrical engineering groups under cost accounting systems in districts. [Rural electrification]. (Rus) Varakin, G *Ekon Sel Khoz* 10: 48-52. Oct 1972

072824 281.8 SO73
New forms of intra-farm cost accounting systems. (Rus) Korzh, P *Ekon Sel Khoz* 10: 68-71. Oct 1972

072825 281.8 SO73
Organization of labor on irrigated lands. (Rus) Kalachev, R *Ekon Sel Khoz* 10: 72-75. Oct 1972

072826 281.8 SO73
Two-shift work of tractor & equipment operators. (Rus) Kurbatov, I *Ekon Sel Khoz* 10: 76-81. Oct 1972

072827 281.8 SO73
Utilization of all reserves for development of sheep raising industry. (Rus) Kanalin, P *Ekon Sel Khoz* 10: 8-10. Oct 1972

072828 281.8 SO73
Efficiency of inter-farm animal industry associations. [Collective farming]. (Rus) Dolgoshei, G *Ekon Sel Khoz* 10: 90-95. Oct 1972

072829 281.8 SO73
Evaluating cooperative relationships. (Rus) Kandyba, A *Ekon Sel Khoz* 10: 95-96. Oct 1972

072830 281.8 SO73
Administrator & his working time. [Farm management, collective farming]. (Rus) Zherdev, V *Ekon Sel Khoz* 10: 97-100. Oct 1972

072831 281.8 SO73
Increasing efficiency of competition. [Agricultural production]. (Rus) Shkuratov, I *Ekon Sel Khoz* 3: 1-5. Mar 1973

072832 281.8 SO73
Specialists as initiators of competition. [Agricultural production, collective farming]. (Rus) Getselev, V *Ekon Sel Khoz* 3: 109-113. Mar 1973

072833 281.8 SO73
Forms of production associations. (Rus) Bukh, M *Ekon Sel Khoz* 3: 116-119. Mar 1973

072834 281.8 SO73
Improving form of operative control. [Farm management]. (Rus) Kulish, N *Ekon Sel Khoz* 3: 14-22. Mar 1973

072835 281.8 SO73
Specialist & economist of collective farm. (Rus) Tkachuk, G *Ekon Sel Khoz* 3: 23-30. Mar 1973

072836 281.8 SO73
Cost accounting system as a method of controlling agricultural production. [Collective farming]. (Rus) Marinko, I *Ekon Sel Khoz* 3: 31-40. Mar 1973

072837 281.8 SO73
Planning & analysis of labor productivity. (Rus) Fomin, A *Ekon Sel Khoz* 3: 41-47. Mar 1973

072838 281.8 SO73
Check system of accounts on farms. (Rus) Myrazaliev, M *Ekon Sel Khoz* 3: 69-72. Mar 1973

072839 281.8 SO73
Increasing labor productivity. (Rus) Volkov, A *Ekon Sel Khoz* 4: 104-108. Apr 1973

072840 281.8 SO73
Organizational-administrative methods of control. [Farm management]. (Rus) Zykov, V *Ekon Sel Khoz* 4: 30-36. Apr 1973

072841 281.8 SO73
Cost accounting system activity of collective farms & state farms. (Rus) Vitkovskii, M *Ekon Sel Khoz* 4: 37-41. Apr 1973

072842 281.8 SO73
Norm method of planning in animal industry. (Rus) Kovtun, N *Ekon Sel Khoz* 4: 60-63. Apr 1973

072843 49 B462
Cost of liter of milk: Is it more or less raised according to size of herd? [Northern Ireland]. (Fre) Furness, G W *Elevage* 17: 81, 83, 85, 87. Apr 1973

072844 281.9 EU7I
Fiscal arrangements in area of cooperation & merging of agricultural operations. IV. Italy. (Fre) Stuhler, E *Eur Comm Commun Inform Internes Agr* 98, 172 P. Jan 1973

072845 43.8 F32
Custom feeding contracts. Farlin, S D *Feedlot Manage* Special No: 79-82, 84. Nov 1972

072846 18 W763
On state of cooperative developmental process in our socialistic agriculture. (Ger) Graffunder, S *Feldwirtschaft* 14 (5): 196. May 1973

072847 TS1950.F5
Adjustment of production program to branch demands. (Ger) Hack, K H *Fleischerei* 24 (4): 66, 69. Apr 1973

072848 19 F75
Management criteria of successful milk production. (Ger) Geissler, *Forderungsdienst* 20 (8): 263-268. Aug 1972

072849 19 F75
Competitive conditions within beef cattle production. [Farm management]. (Ger) Kneissl, F *Forderungsdienst* 20 (8): 268-275. Aug 1972

072850 19 F75
Cost centers in agricultural cost accounting. (Ger) Bochsbickler, K *Forderungsdienst* 21 (2): 45-51 (Continued). Feb 1973

072851 58.9 F843B
General information on agricultural equipment & agriculture: Role of groupings for utilization of agricultural implements in development. (Fre) Zermati, J F *France Centre Nat Etud Exp Mach Agr Bull Inform* 182/183: 9-12. Mar/Apr 1973

072852 S51.E2
Factors contributing to expansion of grade A milk production in Georgia. Carley, D H *Ga Exp Sta Res Bull* 121, 49 P., Map. Jan 1973

072853 80 G1948
Mechanical planting of fruit plantations operated along industrial lines. (Ger) Blasse, W *Gartenbau* 20 (3): 75-78. Mar 1973

072854 80 G1938
Plans of Norwegian Farmers Association for professional activities to cover local problems. (Nor) Mjolhus, O *Gartneryrket* 63 (12): 250-252. Mar 23, 1973

072855 S15.G5
Bananas solicit wealth from Triangle. [Brazil]. (Por) Severino, P *Gleba* 18 (205): 9-11. Nov 1972

072856 44.8 H65
Produce feed at a profit. Brown, L H *Hoards Dairyman* 118 (10): 675. May 25, 1973

072857 HD2092.A1H6
A study on operational formation of types of farming : a case report on Tokachi region agriculture. (Jap) Kurokawa, I *Hokkaido Daigaku Nogyo Keizai-gaku Kyoshitsu Rev Agric Econ* 29: 93-107. Feb 1973

072858 HD2042.A1I4
Nature & economic interrelations of repair & technical assistance shops in agricultural-industrial complexes. (Bul) Sinapov, D *Ikon Sel Stop* 9 (3): 23-34. 1972

072859 HD2042.A1I4
Intensification, capital-, labor-, & material intensity of production in agricultural cooperatives of different size & specialization. (Bul) Disheva, N *Ikon Sel Stop* 9 (3): 3-22. 1972

072860 HD2042.A1I4
Organizational problems of research & design of work standarization in agriculture. (Bul) Peev, M *Ikon Sel Stop* 9 (5): 13-21. 1972

072861 S469.R92E39
Departmental structure of farm management & some problems on administration. (Rus) Zharikov, V A *In Ekonomicheskie Voprosy Razvitiia Sel'skogo Khoziaistva B SSR* P. 63-71. 1972

072862 HD1945.A1I5
Agricultural operations & rational method of management: Census & results. (Fre) Desmoulieres, A *Inform Agr (paris)* 435: 25-28. Apr 1973

072863 280.28 AR22
Balance & perspectives of agricultural cooperation in Madagascar. (Fre) Berthelot, J *Int Arch Sociol Coop* 32: 61-111. Ref. July/Dec 1972

072864 20 M57AG
Role of unions of cooperative in cooperative development of agriculture in German Democratic Republic. (Ger) Wirsig, H *Int Z Landwirt* 2: 150-153. 1973

072865 20 M57AG
Automatic information processing in system of economic accounting in administration of agricultural establishments. (Ger) Novotny, K *Int Z Landwirt* 2: 153-157. 1973

072866 20 M57AG
Specialization & vertical cooperation in Hungarian agriculture. (Ger) Csizmadia, E *Int Z Landwirt* 4: 377-381. 1972

072867 20 M57AG
Concentration & specialization in Czechoslovak agriculture. (Ger) Kord, F *Int Z Landwirt* 4: 386-390. 1972

072868 20 M57AG
Results in preparation of agricultural cooperation. [CzechoslovakiaÜ. (Ger) Jirasek, J *Int Z Landwirt* 4: 390-393. 1972

072869 20 M57AG
Way to success of agricultural association Ulan-Tug. [Mongolia]. (Ger) Tumurbator, N *Int Z Landwirt* 4: 394-396. 1972

072870 20 M57AG
Improving economic accounting under conditions of concentration & specialization of agricultural production. [Czechoslovakia]. (Ger) Crkva, F *Int Z Landwirt* 4: 397-402. 1972

072871 20 M57AG
Problems of economic accounting in agrarian-industrial complexes of Bulgaria. (Ger) Grosev, I *Int Z Landwirt* 4: 402-406. 1972

072872 20 M57AG
Results of introduction of economic accounting. [State farms, Mongolia]. (Ger) Zerendorsh, B *Int Z Landwirt* 4: 412-415. 1972

072873 20 M57AG
Coverage of agricultural production costs in internal farm accounting. [uSSR]. (Ger) Belov, N *Int Z Landwirt* 4: 415-422. 1972

072874 20 M57AG
Organizational methods in management of state farms in Hungary. (Ger) Klenczner, A *Int Z Landwirt* 4: 423-427. 1972

072875 20 M57AG
Application of accounting & statistics in socialist agricultural enterprises of German Democratic Republic. (Ger) Zacharias, H *Int Z Landwirt* 4: 433-440. 1972

072876 20 M57AG
Results of manual labor-saving sugar beet culture in German Democratic Republic. (Ger) Gerdes, G *Int Z Landwirt* 4: 441-444. 1972

072877 20 M57AG
Improving organization & management of farms. [Bulgaria]. (Ger) Grosew, D I *Int Z Landwirt* 6: 618-623. 1972

072878 20 M57AG
Net plan technique in planning work & organization of farms. [Critical Path Method]. (Ger) Gawron, W *Int Z Landwirt* 6: 623-628. 1972

072879 20 M57AG
Development of inter farm relations in state farms. [Hungary]. (Ger) Toth, J *Int Z Landwirt* 6: 628-632. 1972

072880 20 M57AG
Conclusions from results of industry-like beef cattle production. (East Termany). (Ger) Aland, K *Int Z Landwirt* 6: 672-676. 1972

072881 20 M57AG
Organization of production in industrialized animal production. (Ger) Ivanov, P *Int Z Landwirt* 6: 676-680. 1972

072882 20 M57AG
Optimized model for milk production on state farms [Poland]. (Ger) Cybura, A *Int Z Landwirt* 6: 681-686. 1972

072883 16 IT1
Extensive livestock farming in central Italy: Evaluation & experimentation with white breeds of beef cattle. [Chiana, Marche, Romagna, Maremma]. (Ita) Rutili, G *Ital Agr* 109 (12): 1367-1382. Dec 1972

072884 60.18 J82
Optimizing calf mix on range lands with linear programming. [Management]. Woodworth, B M *J Range Manage* 26 (3): 175-178. May 1973

072885 HD1491.G3K6
Formation of permanent production teams as a basis for production & working organisation of cooperative plant production. (Ger) Pause, J *Kooperation* 6 (11): 12-17. Nov 1972

072886 HD1491.G3K6
Influence of state management on intensification. [Livestock farms]. (Ger) Seidler, R *Kooperation* 7 (3): 103-105. Mar 1973

072887 HD1491.G3K6
Methods of rational organization of agricultural transportation in transition to industrial production. (Ger) Machnikowski, H *Kooperation* 7 (3): 127-130. Mar 1973

072888 HD1491.G3K6
Socialist competition as a means of intensifying farm production by cooperative associations. (Ger) Rehe, H *Kooperation* 7 (4): 147-149. Apr 1973

072889 HD1491.G3K6
Intensification of beef production as a result of fixed assets economy & labour-saving. (Ger) Lange, H *Kooperation* 7 (4): 155-158. Apr 1973

072890 HD1491.G3K6
Results & trends in industrialized raising of beef cattle. (Ger) Kehr, K *Kooperation* 7 (4): 163-166. Apr 1973

072891 S19.K72
Labour standardization, remuneration & income distribution on cooperative farms. [Bulgaria]. Iliev, B *Krishak Samachar* 16 (8): 1, 18. Aug 1972

072892 281.8 L93
Computerizing of bookkeeping. [Farm supply stores]. Roy, E P *La Rural Econ* 35 (2): 11-14. May 1973

072893 11 L236
Agricultural accounting. II. Planning for & paying taxes. (Nor) Galland, A *Landbrukstidende* 79 (15/16): 388-394. Apr 14, 1973

072894 S560.M32
Economic results of various production specializations of bookkeeping farms in southern Finland in 1970. (Fin) Torvela, M *Maataloushallinnon Aikak* 4: 4-11. Eng. Sum. 1972

072895 22 M262
Influence of farm size on resource productivity. Ramamoorthy, K *Madras Agr J* 60 (1): 49-55. Jan 1973

072896 298.8 M292
Vertical cooperation of grain industry & farms. (Hun) Bacso, A *Malomipar Termenyforgalom* 20 (1): 30-34. Jan/Feb 1973

072897 44.8 M47
Analysis of records as an aid. 1-2. [Farm management]. (Nor) Volden, M *Meieriposten* 62 (12): 229-235. Mar 24, 1973

072898 44.8 M47
Analysis of records as an aid. 3-5. [Farm management]. (Nor) Volden, M *Meieriposten* 62 (13): 249-254. Mar 31, 1973

072899 44.8 M47
Estimating depreciation & income for analyses of dairy management techniques. 1-5. (Nor) Byre, O *Meieriposten* 62 (15/16): 287-295. Apr 21, 1973

072900 44.8 M47
Estimating depreciation & income for analyses of dairy management techniques. 6-8. (Nor) Byre, O *Meieriposten* 62 (17): 315-321. Apr 28, 1973

072901 S13.M4
Practical normalization in agricultural work requirements. (Cze) Calkovsky, S *Metod Zavadeni Vysledku Vyzk Praxe* 2, 27 P. 1973

072902 298.8 M57
New lines of management for a milling enterprise. (Fre) Phillips, W G *Meun Franc* 295: 5-10. Jan 1973

072903 SF221.M5
On economy of fattening cattle: A description of important influencing factors. (Ger) Holdibrandt, H H *Milch Praxis* 11 (2): 12-13. May 1973

072904 SF221.M5
Milk production in grassland farming: Farm economical viewpoints. (Ger) Jungehulsing, H *Milch Praxis* 11 (2): 3-4. May 1973

072905 S79.E3
Technical & economic efficiency of harvesting & handling seed cotton in Mississippi Delta during first harvest, 1971. Anderson, J M *Miss Agric For Exp Stn Bull* 799, 8 P. Apr 1973

072906 18 N39
Why SCHWEVAGx [Agricultural organizations, swine]. (Ger) Perreiter, G *Mitt Deut Landwirt-ges* 88 (21): 606-608. May 24, 1973

072907 S95.E22
Tree-raising on fruit farm-an essay on mangement. [Apples]. Cummins, J C *N Y Food Life Sci Bull* 19, 12 P. Ref. June 1972

072908 S95.E22
Forage & grain programs for dairy farms with varying cow-land ratios. Cuykendall, C H *N Y Food Life Sci Bull* 27, 20 P. Ref. Feb 1973

072909 166.2 N47
Where coops can fit into food system trends. Manley, W T *News Farmer Coop* 40 (2): 12-13. May 1973

072910 166.2 N47
Family farmers can compete. Paarlberg, D *News Farmer Coop* 40 (2): 2-5. May 1973

072911 166.2 N47
How's your liquidity; it's a clue to your coop's health. Hopkin, J A *News Farmer Coop* 40 (2): 8-9. May 1973

072912 412.628 N812
Accounting methods for fur breeder. (Nor) Overaas, M *Norsk Pelsdyrbl* 47 (7/8): 215-216. Apr 10, 1973

072913 20.5 N86
Production reserves in agriculture: agriculture & industry cooperating in field of agricultural products processing as shown on example of kolkhozes & sovkhozes in USSR. (Pol) Borisenko, G *Nowe Roln* 21 (23): 9-11. Dec 1/15. 1972

072914 S11.N93
Agricultural planning & analysis. (Dan) Bondo-Andersen, A *Nye Dan Landbrug* 4 (4/5): 24-27, 29. Map. Apr/May 1973

072915 SB197.B7
Beef & sheep systems on arable farms. Owen, J B *Occas Symp Br Grassl Soc* 7: 67-72. 1972

072916 SB197.B7
Systems of milk production for arable farm. Coward, N *Occas Symp Br Grassl Soc* 7: 73-82. 1972

072917 57.8 OR32
Factory farming is not efficient. Cox, J *Org Gard Farming* 20 (6): 90-94. June 1973

072918 100 P83
Economic analysis of 151 farms established by Farmers Hom (Spa) Gonzalez Villafane, E *P R (rio Piedras) Agr Exp Sta Bull* 232, 36 P. Eng. Sum. Dec 1972

072919 14 R323
How does one take charge of modernization which is necessary? [Agriculture]. (Fre) Bousquet, J C *Paysans* 17 (98): 34-43. Feb/Mar 1973

072920 21 R862
Some problems concerning modernization & increase of economic efficiency in agriculture. (Rum) Miculescu, A *Probl Agr (bucharest)* 24 (12): 5-12. 1972

072921 86 W123J
Improvement of work methods & organization in floriculture. [Labor requirements, Dianthus caryophyllus]. (Dut) Achten, J *Publ Inst Tuinbouwtech (wageningen)* 77: 71-73. Eng. Sum. 1972

072922 86 W123J
Improvement of methods & organization in bulb growing. [Labor requirements, Tulipa]. (Dut) Achten, J *Publ Inst Tuinbouwtech (wageningen)* 77: 74-76. Eng. Sum. 1972

072923 86 W123J
Improvement of work methods & organization in mushroom growing. [Labor requirements]. (Dut) Lookeren Campagne, P van *Publ Inst Tuinbouwtech (wageningen)* 77: 77-78. Eng. Sum. 1972

072924 13 R322
Method of determination of value of fruit trees. (Fre) Baudewyn, J *Rev Agr (brussels)* 26 (1): 89-110. Jan/Feb 1973

072925 43.8 R32
Labor doubts of a disillusioned farmer. [Brazil]. (Por) Marson, R *Rev Criadores* 43 (517): 105-107. Jan 1973

072926 45.8 SA8
Introduction of goats to a cooperative summer dairy in Nordland. (Nor) Rian, A *Sau Geit* 25 (I.e. 26) (1): 15. Feb 1973

072927 19.5 ST2
Development of agricultural cooperation in southern Moravia. (Hun) Kovar, B *Statni Statky* 15 (12): 273-274. 1972

072928 19.5 ST2
Present state & future of automation in agricultural management. (Cze) Toth, E *Statni Statky* 16 (1): 9. 1973

072929 66.9 SV22
Better decisions with automatic data handling. (Swe) Erickson, B *Sver Betodlares Centralforen Betodlaren* 35 (4): 166-168. 1972

072930 S9.T4
Renewal of French agricultural cooperation. (Ita) Amadei, G *Terra Vita* 13 (44): 13. Nov 10, 1972

072931 49 T443
First experience on incorporation of sheep production into inter-farm co-operative crop production. (Ger) Linke, E *Tierzucht* 27 (1): 33-34. Jan 1973

072932 49 T443
Labour organisation in a young-cattle rearing unit. (Ger) Potschke, E *Tierzucht* 27 (3): 120-121. Mar 1973

072933 49 T443
Comprehensive rationlization, a prerequisite for more beef. [Farm management]. (Ger) Wohlert, *Tierzucht* 27 (4): 172-173. Apr 1973

072934 49 T445
Operational economical valuation of different possibilities of beef production. (Ger) Steinhauser, H *Tierzuchter* 25 (4): 140-142. Apr 5, 1973

072935 49 T445
Economic valuation of cooperative business forms of selected fattening bull units in Lower Saxony. (Ger) Wesche, R *Tierzuchter* 25 (4): 142-144. Apr 5, 1973

072936 11 T58
Corporation farm or family farm in USA. (Dan) Nielsen, A H *Tolvmandsbladet* 45 (3): 113. Mar 1973

072937 44.8 T66
Sharemilking – an important feature of dairy farming. Lynskey, V S *Town Milk* 21 (1): 13-14. Feb 1973

072938 58.8 T69
Mechanization of family farms. (Ita) Bosso, B *Trattorista* 18 (2): 4-8. Nov 30, 1972

072939 A280.29 F22I
Cooperative growth: trends, comparisons, strategy. Abrahamsen, M A *U S Farmer Coop Serv Inform* 87, 107 P. Mar 1973

072940 20 V633
A scientific basis for beef production on farm complexes. (Rus) Bagrii, B A *Vestn Sel'skokhoz Nauk (moscow)* 3: 58-66. Mar 1973

072941 281.9 M852
On improving economic relationships between state farms & regular construction organizations. (Rus) Bran'kov, P G *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 117-125. 1972

072942 281.9 M852
Effectiveness of optimum combining of agricultural branches. (Rus) Butaev, B B *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 126-133. 1972

072943 281.9 M852
Some problems on utilizing machine-tractor pool on state farms of Sakhalin Region. (Rus) Lukina, A N *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 147-151. 1972

072944 281.9 M852
Economic evaluation of technology & complexes of equipment for production-line harvesting of grain crops. (Rus) IUzbashev, Ch R *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 161-167. 1972

072945 281.9 M852
On moderating seasonality of labor on state farms in Tselinograd Region. (Rus) Dzhanadilov, M B *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 177-179. 1972

072946 281.9 M852
Effect of providing technical equipment on agricultural production. (Rus) Putov, V E *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 80-86. 1972

072947 281.9 M852
On an efficient level of providing spare parts for agricultural equipment. (Rus) Ivanov, A B *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 87-88. 1972

072948 281.9 M852
Technical reequipping of agriculture & problems of engineering cadres. (Rus) Krinitskii, B A *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 93-96. 1972

072949 281.9 M852
Some problems on interrelationships of inter-collective farm & state-and-collective farm enterprises. (Rus) Aref'ev, V I *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 97-110. 1972

072950 281.9 M852
Problems of centralizing service of customer in state farm organization. (Rus) Ostroverkhova, L V *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 65: 105-111. 1972

072951 281.9 M852
Stages in development of state farms & cost accounting system. (Rus) Lapin, B I *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 65: 116-123. 1972

072952 281.9 M852
Analysis of differences in economic development of state farms. (Rus) Veselovskaia, L F *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 65: 124-129. 1972

072953 281.9 M852
Internal cost accounting system within system of full cost accounting. [Collective farming]. (Rus) Esin, A I *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 65: 130-137. 1972

072954 281.9 M852
Factors for increasing efficiency of using agricultural labor resources in scientific-technical progress. (Rus) Zalevskii, A V *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 65: 148-157. 1972

072955 281.9 M852
Means of increasing labor productivity in cattle raising industry of Azerbaijan. (Rus) Khalilov, V M *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 65: 158-162. 1972

072956 281.9 M852
Specialization & concentration of production – important conditions for growth of labor productivity. (Rus) Niftullaev, V M *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 65: 163-170. 1972

072957 281.9 M852
On increasing grain production of farms of Georgiev and Kirov Districts of Stavropol' Territory. (Rus) Ivanova, L I *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 65: 171-176. 1972

072958 281.9 M852
Economic basis for optimum composition of tractor pool for field work. (Rus) Kabanov, P N *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 65: 177-184. 1972

072959 281.9 M852
On equalizing economic conditions of operations on state farms on full cost accounting system. (Rus) Kvachev, V M *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 65: 28-38. 1972

072960 281.9 M852
Some problems on improving economic interrelationships among state farms with economic reforms. (Rus) Karpukhin, S S *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 65: 39-49. 1972

072961 281.9 M852
Work of state farms on full cost accounting system & problems in improving it. (Rus) Masiuk, A N *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 65: 6-27. 1972

072962 281.9 M852
Means of increasing labor productivity on Radchenskii, State Farm, Voronezh Region. (Rus) Dodukalo, T A *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 65: 87-89. 1972

072963 281.9 M852
Claims and legal work in the village – a means of increasing the efficiency of the cost accounting system in agricultural enterprises. (Rus) Bran'kov, P G *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 65: 99-104. 1972

072964 100 W27E
Wheat in Washington economy; an input-output study. Blakeslee, L *Wash Agr Exp Sta Bull* 775, 19 P. Map. Apr 1973

072965 280.9 W527P
Organization of Chinese communist agriculture & size of its production units. Crook, F W *West Farm Econ Ass Proc* 45: 1-11. Ref. 1972

072966 280.9 W527P
Technological alternatives for agricultural development: employment & output considerations. Biggs, H H *West Farm Econ Ass Proc* 45: 168-171. Ref. 1972

072967 280.9 W527P
New boro rice: an approach to planning in Bangladesh. Clevenger, T S *West Farm Econ Ass Proc* 45: 186-190. 1972

072968 280.9 W527P
Economic evaluation of alternative organizational structures, New Mexico Penitentiary Honor Farm, Los Lunas. Lansford, R R *West Farm Econ Ass Proc* 45: 54-58. 1972

072969 100 W99 (1)
Influence of center-pivot sprinklers on firm growth in southeast Wyoming. Pfeiffer, G H *Wyo Agr Exp Sta Bull* 582, 20 P. Mar 1973

072970 49 Z6
Industrial milk production in Siberia. [Dairy cattle]. (Rus) Kalashnikov, A P *Zhivotnovodstvo* 2: 4-10. Feb 1973

072971 49 Z6
On organization & allocation of beef production complexes by industrial methods. (Rus) Starkov, A *Zhivotnovodstvo* 3: 30-34. Mar 1973

072972 49 Z6
Large-scale swine enterprises in Estonia. (Rus) Am'iarv, A *Zhivotnovodstvo* 3: 34-37. Mar 1973

072973 49 Z6
Elements of Scientific Organization of Labor on swine breeding farms. (Rus) Ul-'iankin, I P *Zhivotnovodstvo* 3: 37-40. Mar 1973

072974 49 Z6
Principles of brigade organization of labor in livestock raising. (Rus) Diesperov, V S *Zhivotnovodstvo* 4: 10-14. Apr 1973

072975 49 Z6
Changes in professional groups of young animal industry workers on collective farms. (Rus) Kalashnikova, R P *Zhivotnovodstvo* 4: 17-19. Apr 1973

072976 49 Z6
Better utilization of forage plant lands of Kazakhstan. (Rus) Auel'bekov, K *Zhivotnovodstvo* 4: 30-32. Apr 1973

072977 49 Z6
Resources for increasing effectiveness of fattening cattle. (Rus) Kozachenko, V P *Zhivotnovodstvo* 4: 35-37. Apr 1973

072978 49 Z6
Use of industrial technology as a primary means of increasing milk production. [Dairy cattle]. (Rus) Ernst, L K *Zhivotnovodstvo* 4: 5-10. Apr 1973

AGRICULTURAL PRODUCTION COSTS AND RETURNS

072979 281.9 C81A
Economic & environmental considerations in dairy manure management systems. Jacobs, J J *A E Res Dep Agric Econ Cornell Univ Agric Exp Stn N Y Coll A Gric Life Sci* 71-18, 31 P. Dec 1972

072980 281.9 C81A
Overhead costs from farm cost accounts. Kearl, C D *A E Res Dep Agric Econ Cornell Univ Agric Exp Stn N Y Coll A Gric Life Sci* 72-14, 24 P. Dec 1972

072981 281.9 C81A
Field crops costs & returns from farm cost accounts. Kearl, C D *A E Res Dep Agric Econ Cornell Univ Agric Exp Stn N Y Coll A Gric Life Sci* 72-15, 35 P. Dec 1972

072982 281.9 C81A
Cash crops & fruits costs & returns from farm cost accounts. Kearl, C D *A E Res Dep Agric Econ Cornell Univ Agric Exp Stn N Y Coll A Gric Life Sci* 72-16, 33 P. Dec 1972

072983 281.9 C81A
Livestock costs & returns from farm cost accounts. Kearl, C D *A E Res Dep Agric Econ Cornell Univ Agric Exp Stn N Y Coll A Gric Life Sci* 72-17, 11 P. 1972?

072984 281.9 C81A
Impact of extending unemployment insurance to agricutltural workers in New York State. Bauder, W W *A E Res Dep Agric Econ Cornell Univ Agric Exp Stn N Y Coll A Gric Life Sci* 72-2, 68 P. Jan 1972

072985 281.9 C81A
Capital formation on Ecuadorian frontier: a study of human investment & modernization in Riobambeno Gladhart, P M *A E Res Dep Agric Econ Cornell Univ Agric Exp Stn N Y Coll A Gric Life Sci* 72-5, 73 P., Map. Ref. Apr 1972

072986 281.9 C81A
Economic evaluation of beef cattle production on pasture using annual equivalent cash flows. Zulberti, C A *A E Res Dep Agric Econ Cornell Univ Agric Exp Stn N Y Coll A Gric Life Sci* 73-1, 13 P. Jan 1973

072987 281.8 AG826
Calculating capital expenditure by means of separable & mixed-integer programming. (Ger) Seuster, H *Agrarwirtschaft* 22 (2): 68-71. Eng. Sum. Feb 1973

072988 S19.A32
Potentialities of increasing farm incomes through farm planning. [India]. Acharya, S S *Agric Agro-ind J* 6 (3): 13-17. Mar 1973

072989 S19.A32
An analytical study of farm capital utilization in two villages of Ludhiana District. [India]. Gupta, J R *Agric Agro-ind J* 6 (3): 23-27. Mar 1973

072990 S19.A32
Impact of new agricultural strategy on farm income. [India]. Singh, S B *Agric Agro-ind J* 6 (3): 9-12. Mar 1973

072991 S1.A29
New modality of application of tax law. III. [Agriculture]. (Fre) Eckel, D K *Agric Prog* 5 (3): 37-39. Apr 1973

072992 11 AL8K
Strong rise in real estate prices in 1972. (Swe) Berntsson, B *Alvsborgs Lans Sodra Hushallningssallsk Tidskr* 2: 2-3. Mar 1973

072993 25 AR1
A study on cost of growing & fattening butcher hogs from early weaned hybrid pigs. Bonifacio, M M *Araneta J Agr* 19 (1): 51-56. Jan/Mar 1972

072994 46.9 AS5
Cost of production of a breeding swine. (Spa) Fourcade, F L *Asoc Argent Criadores Cerdos Rev* 51 (604): 5, 7, 9. Dec 1972

072995 65.9 AU7
Some economic aspects of mechanical cane harvesting in Queensland. [Costs]. Churchward, E H *Australian Sugar Year Book* 32: 83, 85, 87. 89, 91. 1973

072996 296.8 AR1
Necessity of reduction of costs of farm buildings. (Ger) Wenner, H L *Bauen Lande* 24 (1): 5-9. Jan 1973

072997 S11.B43
Financial position of young farmers. (Dut) Broex, W J J *Bedrijfsontwikkeling* 4 (3): 209-210. Mar 1973

072998 S11.B43
Farmer, farmer's wife, & budget. (Dut) Lange, G A de *Bedrijfsontwikkeling* 4 (3): 211-213. Mar 1973

072999 281.8 B462
Liquidation control of agricultural enterprises. (Ger) Reinhard, H *Betriebswirtsch Mitt Wirtschaftsberater* 214: 11-20. Jan 1973

073000 281.8 B462
Fire insurance in agriculture, over insurance – under insurance. (Ger) Fiedler, *Betriebswirtsch Mitt Wirtschaftsberater* 214: 9-10. Jan 1973

073001 281.8 B462
Thoughts on foreign capital in agriculture. (Ger) Rademann, H J *Betriebswirtsch Mitt Wirtschaftsberater* 217: 3-6. Apr 1973

073002 100 C12CAG
Birds of a cattle feedlot in southern California desert. [Economic losses]. Lynch, T *Calif Agr* 27 (3): 4-6. Mar 1973

073003 81 C128
1972 Cost to produce avocados in San Diego County. Gustafson, C D *Calif Avocado Soc Yearbook* 56: 55-57. 1973

073004 81 C128
1972 Cost to develop an avocado orchard in San Diego County. Gustafson, C D *Calif Avocado Soc Yearbook* 56: 59-61. 1973

073005 60.9 C46
Profitability of deer, sheep & cattle compared. Rhodes, D B *Christchurch Tussock Grassland Mountain Lands Inst Rev* 25: 2-11. Dec 1972

073006 44.8 D1444
Effect of flooding on farm income.[Pastures, grazing]. Richmond, R N *Dairy Top* 18 (1): 12-16, 22. Jan 1973

073007 58.8 D482
Harvesting transports of sugar beet leaves [costs]. (Ger) Bergmann, D *Deut Agrartech* (11): 494-497. 1972

073008 58.8 D482
Economic effect of neglecting protective quality. [Equipment]. (Ger) Kuhnt, M *Deut Agrartech* (11): 510-511. 1972

073009 58.8 D482
On decisive criteria in management settlements: Minimal management costs or less complete cooperative expense. [Agriculture]. (Ger) Badewitz, S *Deut Agrartech* (11): 523-524. 1972

073010 HD1945.A1E2
British agriculture: capital & loans. (Fre) Kew, N F *Econ Agr* 4: 24-28. Apr 1973

073011 281.8 SO73
Equalizing economic conditions of conversion on collective farms of Georgian SSR. (Rus) Ubilava, IU *Ekon Sel Khoz* 1: 46-51. Jan 1973

073012 281.8 SO73
Reducing centralized service costs for motor vehicles. (Rus) Revutskii, L *Ekon Sel Khoz* 1: 55-58. Jan 1973

073013 281.8 SO73
Factors in growth of production & reducing costs for pork production. (Rus) Syromiatnikov, A *Ekon Sel Khoz* 1: 59-63. Jan 1973

073014 281.8 SO73
Intereffect of production indices. [Agricultural finance]. (Rus) Manevich, Sh *Ekon Sel Khoz* 1: 68-70. Jan 1973

073015 281.8 SO73
Improving effectiveness of land reclamation. [Costs]. (Rus) Sarykulov, D *Ekon Sel Khoz* 1: 84-87. Jan 1973

073016 281.8 SO73
Capital investments & level of return. [Agricultural finance]. (Rus) Agadzhanov, N *Ekon Sel Khoz* 10: 52-59. Oct 1972

073017 281.8 SO73
Contribution of subdivisions in obtaining net income. [Collective farming]. (Rus) Kononov, A *Ekon Sel Khoz* 10: 81-84. Oct 1972

073018 281.8 SO73
Resources for increasing production of feeds. [Costs]. (Rus) Sembin, E *Ekon Sel Khoz* 3: 103-105. Mar 1973

073019 281.8 SO73
Capital return & structure of primary capital. [Agricultural finance]. (Rus) Kirichenko, N *Ekon Sel Khoz* 3: 105-108. Mar 1973

073020 281.8 SO73
How to reduce expenditures for repairing equipment. (Rus) Cherepanov, S *Ekon Sel Khoz* 3: 48-54. Mar 1973

073021 281.8 SO73
Development of mixed feed industry. [Costs]. (Rus) Annenkov, V *Ekon Sel Khoz* 3: 54-58. Mar 1973

073022 281.8 SO73
Experiment with wages. (Rus) Zhidkov, A *Ekon Sel Khoz* 3: 72-74. Mar 1973

073023 281.8 SO73
Progressive method of cattle maintenance. [Feeding, costs]. (Rus) Lapygin, I *Ekon Sel Khoz* 3: 74-77. Mar 1973

073024 281.8 SO73
Estimate method of planning production costs. (Rus) IUr'ev, V *Ekon Sel Khoz* 3: 78-83. Mar 1973

073025 281.8 SO73
Criteria for calculating results of competition. [Agricultural finance]. (Rus) Goriachko, N *Ekon Sel Khoz* 4: 16-24. Apr 1973

073026 281.8 SO73
Practicability of accepted responsibilities. [Agricultural production, returns]. (Rus) Sliamov, B *Ekon Sel Khoz* 4: 25-29. Apr 1973

073027 281.8 SO73
Indices of turnover fund utilization. [Agricultural finance]. (Rus) Khabaev, M *Ekon Sel Khoz* 4: 42-46. Apr 1973

073028 281.8 SO73
Effectiveness of intensification in areas of European North. [Agricultural production, costs]. (Rus) Vasilenko, V *Ekon Sel Khoz* 4: 47-53. Apr 1973

073029 281.8 SO73
Innovations in awarding bonuses to state farm workers. (Rus) Zhurikov, V *Ekon Sel Khoz* 4: 64-71. Apr 1973

073030 281.8 SO73
Material incentives as savings from production costs. (Rus) Komchenkov, V *Ekon Sel Khoz* 4: 71-76. Apr 1973

073031 281.8 SO73
Competition under conditions of full cost accounting system. [Collective farming, costs, returns]. (Rus) Zarichnyi, F *Ekon Sel Khoz* 4: 76-80. Apr 1973

073032 HD9016.I4F3
Financing agriculture through fertiliser concerns. [India]. Prasad, J V L *Farm Fact* 7 (4): 11-15. Feb 1973

073033 HD9016.I4F3
Benefit-cost: a technique for project appraisal. Selvaraj, P *Farm Fact* 7 (4): 6-9 Feb 1973

073034 S560.F322
Farm incomes in North of Scotland, 1970/71. Isaacs, R J *Farm Manage Rev* 1: 5-25. Oct 1972

073035 58.8 K55
Suggestions for safety of farm work. 2. actual condition of farm accidents. 2. (Jap) Sakuchi, T *Farm Mech* 2: 56-60. Feb 1973

073036 50.8 F622
Quality analysis of meat salads by germ content. (Ger) Edler, D *Fleisch* 27 (2): 35-36. Feb 1973

073037 86 N28
Some economic aspects of Cox's Orange Pippin. [Apples]. (Dut) Goedegebure, J *Fruitteelt* 63 (16): 422-423. Apr 21, 1973

073038 11 G24L
The new agricultural taxes. (Swe) Johansson, H *Gavleborgs Lans Hushallningssallsk Lantbrukstidskr* 49 (1): 8-10. 1973

073039 18 G312V
Saving costs in fertilization. (Ger) Landmann, L D *Ger (fed Repub) LandHauswirtsch Auswertungs Informations Dienst (veroff)* 362, 24 P. 1972

073040 11 H152
New agricultural tax – facts. (Swe) Sandberg, C *Hallands Lans Hushallningssallsk Tidskr* 16 (1): 11-13. Feb 1973

073041 11 H152
Automatic payment of agricultural tax. (Swe) Rosengren, K O *Hallands Lans Hushallningssallsk Tidskr* 16 (1): 13-14. Feb 1973

073042 11 H152
Purchase & sale of agricultural property. (Swe) Eriksson, I *Hallands Lans Hushallningssallsk Tidskr* 16 (1): 14-15. Feb 1973

073043 S544.3.H3H3
Media costs. [Soil mixes]. Rauch, F D *Hawaii Univ Ext Misc Publ* 103: 42-51. Apr 1973

073044 HD2092.A1H6
Instability of farm incomes. (Jap) Takashima, M *Hokkaido Daigaku Nogyo Keizai-gaku Kyoshitsu Rev Agric Econ* 29: 171-195. Feb 1973

073045 HD2042.A1I4
Calculation of differential rent & determination of land tax. (Bul) Petrov, G *Ikon Sel Stop* 9 (3): 35-49. 1972

073046 HD2042.A1I4
Problems of material incentives system (bonuses) in tobacco culture. (Bul) Gugov, G *Ikon Sel Stop* 9 (3): 51-64. 1972

073047 HD2042.A1I4
Profitability of sunflower culture in agricultural cooperatives. (Bul) Rangelov, L *Ikon Sel Stop* 9 (3): 65-74. 1972

073048 HD2042.A1I4
Economic effectiveness of irrigation & fertilization of beans in operational area of Agricultural Research Institute, Obraztsov Chiflik (city of Ruse). (Bul) Penev, T *Ikon Sel Stop* 9 (5): 23-35. 1972

073049 HD2042.A1I4
Comparative economic efficiency of wheat varieties. (Bul) Iovchev, I *Ikon Sel Stop* 9 (5): 37-47. 1972

073050 HD2042.A1I4
Resources for improvement of use & for raising efficiency of capital assets in production of perennial plants in agrarian-industrial complex Burgas. [Fruit trees, grapes]. (Bul) *Ikon Sel Stop* 9 (5): 61-70. 1972

073051 100 IL6S (1)
School tax options affecting Illinois agriculture. Halcrow, H G *Ill Agr Exp Sta Bull* 744, 35 P. Apr 1973

073052 S15.A7
Economic analysis of dairies in James Craik (Cordoba) zone. (Spa) *Inf Tec Inst Nac Tecnol Agropecu Estac Exp Agropecu (manfre Di)* 48, 45 P. Map. May 1972

073053 HD1945.A1I5
Replacement service for farmers. [Agricultural finance, labor]. (Fre) Belliard, C *Inform Agr (paris)* 435: 42-43. Apr 1973

073054 20 M57AG
New financial system of Polish state farms. (Ger) Rojevski, M *Int Z Landwirt* 4: 427-433. 1972

073055 257.3 J76
Assessed income, expenditures, etc. for agriculture during 1971 & preceding years. (Swe) Gunnarsson, M *Jordbruksekon Medd* 35 (3): 66, 75-82. Eng. Sum. Mar 1973

073056 385 K524
Economic effectiveness of applying fertilizers to rice culture. (Rus) Romanenko, G A *Khim Sel'skom Khoz* 11 (2): 64-66. 1973

073057 385 K524
Effectiveness of forms of nitrogen fertilizers on tea plantations. [Costs]. (Rus) Mirzoian, A T *Khim Sel'skom Khoz* 11 (3): 22-24. 1973

073058 385 K524
Recording economic effectiveness of applying mineral fertilizers on farms. (Rus) Dmitrieva, G S *Khim Sel'skom Khoz* 11 (3): 77-78. 1973

073059 282.8 J82
Distribution of farm size & income: analysis by exponential functions. Dovring, F *Land Econ* 49 (2): 133-147. Ref. May 1973

073060 11 L293
What it costs in time & money to cut hay. (Swe) Akesson, K A *Lantbrukstidskr Jamtland Harjedalen* 26 (1): 12-13. 1973

073061 S11.O78
Structure of new agricutural tax. (Swe) Malgeryd, L *Medlemsbl Ostergotlands Lans Hushallningssallsk* 6 (1): 29, 33. 1973

073062 S11.O78
Joint application & registration of title – a separate tax. (Swe) Colliander, B *Medlemsbl Ostergotlands Lans Hushallningssallsk* 6 (1): 30-31. 1973

073063 SF221.M5
Influence of different preservation methods on cost load of nutrient uniformity in grassland farming. (Ger) Volger, E *Milch Praxis* 11 (2): 4, 6. May 1973

073064 18 N39
Control of results in fattening swine operation. [Costs]. (Ger) Dieter, B *Mitt Deut Landwirt-ges* 88 (18): 508-509. May 3, 1973

073065 18 N39
Development of owner's capital in agriculture. (Ger) Seuster, H *Mitt Deut Landwirt-ges* 88 (19): 540-541. May 10, 1973

073066 100 M76 (1)
Characteristics of grain farms with emphasis on Northern Plains wheat sector. [Costs, returns]. Heid, W G *Mont Agr Exp Sta Bull* 665, 33 P., Map. Feb 1973

073067 281.8 N752
Economics of swine production. (Nor) Hole, V *Norden, Nord Norges Landbrukstidsskr B Utgave* 11 (1): 189-190, 204. Apr 4, 1972

073068 20.5 N86
Supporting programme of fertilizer use with credit. (Pol) Wyszomirski, T *Nowe Roln* 22 (7/8): 42-43. Apr 1/30 1973

073069 HD9016.T3N8
Production & marketing of garlic by cooperative farms with assistance of bank financing. [Taiwan]. (Chi) Chang, W C *Nung Chan Sai Hsiao Shih Ch'ang (foreign Mark Inf Agric Pro D, Taiwan, The Repub China)* 200: 9-11. Oct 20, 1972

073070 SB197.B7
Some economic aspects of dried forage as an arable cash crop. Crabtree, J R *Occas Symp Br Grassl Soc* 7: 83-95. 1972

073071 S19.O68
Influence of evolution of water consumption on rentability of irrigation projects: Case analysis. (Fre) Bergmann, H *Options Mediterr* 16: 24-33. Ref. Dec 1972

073072 47.8 AM33P
Effect of age at lighting on costs & revenues in production of hatching eggs in large White Turkeys. Sexten, W E *Poultry Sci* 52 (2): 512-516. Mar 1973

073073 58.8 P872
Profitable power farming. Nix, J *Power Farming* 50 (4): 34-35, 37-38. Apr 1973

073074 304.9 P87
Ratio of costs & prices of basic agricultural products, flax & hemp with economical characteristics of areas of flax & hemp grwing for seed & fibre. (Pol) Muszynska, B *Poznan Inst Przemyslu Wlokien Lykowych Prace* 19: 249-262. Ref. Eng. Sum. 1972

073075 14 P944
Farm mortgage bank. (Fre) Simon, G *Propr Terrienne* 25 (294): 201-204. June 1972

073076 86 W123J
Cost comparison of heating methods. [Greenhouses]. (Dut) Vissia, R *Publ Inst Tuinbouwtech (wageningen)* 77: 82-83. Eng. Sum. 1972

073077 86 W123J
Mechanization & cost of production in greenhouse culture. [Harvesting, lettuce]. (Dut) Huijs, J P G *Publ Inst Tuinbouwtech (wageningen)* 77: 84-85. Eng. Sum. 1972

073078 HF6.C34
Income tax in agricultural activities. (Spa) Becerra B, H J *Rev Cam Comer Bogota* 2 (8): 69-79. Sept 1972

073079 43.8 R32
How income tax will be for agriculture in 1973 [Brazil]. (Por) Thomazini Ettori, O J *Rev Criadores* 42 (516): 45-46. Dec 1972

073080 43.8 R32
Income tax: Agricultural activities matching with juridical person. [Brazil]. (Por) Tanaka, S *Rev Criadores* 43 (517): 107-108. Jan 1973

073081 281.8 R52
Some remarks on land incomes & farm rents in Italy. (Ita) Saccomandi, V *Riv Econ Agr* 27 (6): 17-59. Ref. Eng. Sum. 1972

073082 281.8 R52
Investment policy in rural areas as an instrument for development of dualistic economies. (Ita) Filippini, R *Riv Econ Agr* 27 (6): 61-86. Ref. Eng. Sum. 1972

073083 281.9 C59
Cotton harvesting & hauling practices & costs, 24 selected farms, Orangeburg area, South Carolina, 1971. Burch, T A *S C Agr Exp Sta AE* 360, 56 P. Apr 1973

073084 80 SA15
Economic effectiveness of production of grafted grape seedlings. (Rus) Bukatar', E B *Sadov Vinogradarstvo Vinodelie Moldavii* 3: 48-50. Mar 1973

073085 61.9 SE5
On economic evaluation of new varieties & scientific research on breeding. [Seeds, grain]. (Rus) Malashin, V D *Selek Semenovod (moscow)* 2: 18-22. Mar/Apr 1973

073086 S13.S55
Effectiveness of capital investments & production funds in agriculture of Siberia & Far East. (Rus) Bessonov, S K *Sib Vestn S-kh Nauk* 1: 80-86. Jan/Feb 1973

073087 298.8 SE42
Farmers & manufacturers of food industries facing new tax on added value (VAT). (Ita) Rivosecchi, L C V *Tec Molitoria* 23 (24): 813-818. Dec 30, 1972

073088 S9.T4
Contributions by social agricultural insurances. (Ita) Vavassori, G *Terra Vita* 13 (36): 18-19. Sept 15, 1972

073089 S9.T4
Mechanization of family farms. [Costs]. (Ita) Bosso, B *Terra Vita* 13 (45): 14-15. Nov 17, 1972

073090 S9.T4
Who & what should not pay added value tax. [Agricultural products]. (Ita) Passamonti, G *Terra Vita* 13 (49): 14-15. Dec 15, 1972

073091 58.8 T69
Added value tax on agro-mechanical work. III. (Ita) Passamonti, G *Trattorista* 18 (17): 5. Sep 15, 1972

073092 58.8 T69
Use of self-levelling harvesting equipment on hills: a costs analysis. (Ita) Ricci, A *Trattorista* 18 (19): 8-9. Oct 15, 1972

073093 58.8 T69
Mechanization of grape culture in hilly areas. [Costs]. (Ita) Ricci, A *Trattorista* 18 (20): 7-10. Oct 31, 1972

073094 A281.9 AG83E
Selected U.S. Crop budgets: yields, inputs, & variable costs. VI. Southwest Region. Pawson, W W *U S D A Econ Res Serv ERs* 514, 71 P. Ref. Apr 1973

073095 18 UB3
Does rearing cattle pay? (Ger) Maier, J L *Ubersicht* 24 (4): 278-279. Apr 14, 1973

073096 20 V633
Reducing capital intensity in animal raising complexes & farms. (Rus) Abakumov, L S *Vestn Sel'skokhoz Nauk (moscow)* 10: 119-126. Eng. Sum. Oct 1972

073097 20 V633
Intrerelationships between growth of productivity & wates on collective farms. (Rus) Vorontsov, A P *Vestn Sel'skokhoz Nauk (moscow)* 4: 127-133. Apr 1973

073098 41.9 V83
Some problems on increasing economic effectiveness of pork production on state farms of Vitebsk Region. (Rus) Lavrinovich, E S *Vitebsk Vet Inst Uch Zap* 25: 190-194. 1972

073099 281.9 M852
Economic evaluation of production & purchasing methods for feeds. (Rus) Babkov, G A *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 111-116. 1972

073100 281.9 M852
Technical-economic basis for pneumatic conveying of manure on dairy farms. [Costs]. (Rus) Shimko, A N *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 134-136. 1972

073101 281.9 M852
On problem of standards of amortized deductions for tractors. (Rus) Vorozheikin, M P *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 137-141. 1972

073102 281.9 M852
Conditions for expanded operations on state farms in Estonia. [Agricultural finance]. (Rus) Suchkova, O I *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 142-146. 1972

073103 281.9 M852
Actual amount of production capital according to turnover funds. (Rus) Ginzburg, IA M *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 15-21. 1972

073104 281.9 M852
On the economic effectiveness of centralized delivery of material and technical items for the collective farms and state farms of Rostov Region. (Rus) Mitasov, G K *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 152-157. 1972

073105 281.9 M852
Economic evaluation of use of farm tractors & equipment. [Costs]. (Rus) Nemova, V S *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 158-160. 1972

073106 281.9 M852
Economic evaluation of finewool sheep breeds. [Returns]. (Rus) Boval'dinov, B D *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 168-173. 1972

073107 281.9 M852
Economic effectiveness of allocation of horticulture in Azerbaijan SSR. (Rus) Takhmazov, V P *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 174-176. 1972

073108 281.9 M852
Some problems on raising cattle on state farms of Moscow Region. [Costs]. (Rus) Butikova, L I *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 183-187. 1972

073109 281.9 M852
Effectiveness of using groundwater for irrigating farm crops. [Costs]. (Rus) Burnazov, A I *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 188-192. 1972

073110 281.9 M852
Standardized amount of production capital for plant industry according to turnover funds. (Rus) Ginzburg, IA M *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 22-35. 1972

073111 281.9 M852
Standards of basic production capital for raising grain crops. (Rus) Kzylkhodzhaev, S A *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 36-46. 1972

073112 281.9 M852
Standards for mechanization funds for potato production. (Rus) Afinogenova, R D *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 47-53. 1972

073113 281.9 M852
Effectiveness of utilizing basic capital & capital investments on state farms. (Rus) Golenko, M V *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 54-60. 1972

073114 281.9 M852
On prospective calculations of capital investments. [Agricultural finance]. (Rus) Valovoi, I E *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 61-64. 1972

073115 281.9 M852
Correlation-regression analysis of effectiveness of basic capital of collective farms. (Rus) Il'mendeev, V E *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 65-69. 1972

073116 281.9 M852
Amortization of basic capital in agriculture. (Rus) Vainer, M G *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 7-14. 1972

073117 281.9 M852
On standards of amortization & amortization deductions for tractors. (Rus) Kotliarova, R P *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 70-71. 1972

073118 281.9 M852
Economic effectiveness of equalizing costs of collective farms & state farms in obtaining material & technical funds. (Rus) Alfer'ev, V P *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 72-79. 1972

073119 281.9 M852
Economic effectiveness of centralized delivery of fertilizers to collective farms & state farms. (Rus) Pavlova, G S *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 89-92. 1972

073120 281.9 M852
Effectiveness of work of Roza Liuksemburg Breeding Farm (Donets Region) under full cost accounting system. [Costs]. (Rus) Piven', V P *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 65: 138-142. 1972

073121 281.9 M852
On economic interrelationships among farms cooperating in beef production in Penza Region. [Costs]. (Rus) Kiriushin, N A *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 65: 143-147. 1972

073122 281.9 M852
Capital investments & financing sources on state farms under full cost accounting system. (Rus) Iliushin, V P *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 65: 50-55. 1972

073123 281.9 M852
Problems on transfer of trusts of state farms to new management conditions. [Agricultural finance]. (Rus) Demidov, V V *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 65: 56-64. 1972

073124 281.9 M852
Experimental system for material incentives on state farms of Estonia. (Rus) Miartma, D K *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 65: 65-70. 1972

073125 281.9 M852
On trend of free surplus of profit to early return of credit. (Rus) Rozhnov, V V *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 65: 71-76. 1972

073126 281.9 M852
Equal pressure of purchase plans-a condition for equalizing state farm incomes. (Rus) Raspopov, P S *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 65: 77-81. 1972

073127 281.9 M852
Costs & profitability of state farm production. (Rus) Fusiak, I V *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 65: 82-86. 1972

073128 281.9 M852
Formation & utilization of insurance fund on state farms. (Rus) Maiorova, N N *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 65: 90-98. 1972

073129 49.9 R92
Increasing production of mutton & wool & means of reducing their production costs in central USSR. (Rus) Builov, S V *Vses Nauch-issled Inst Zhivotn Tr* 34: 221-233. 1972

073130 280.9 W527P
Public irrigation projects, windfall gains, & distribution of rural income: case of Milagro, Ecuador. Whitaker, M *West Farm Econ Ass Proc* 45: 177-181. 1972

073131 280.9 W527P
Analysis of brankruptcies & debtor arrangements among San Joaquin Valley cotton growers. Lane, S *West Farm Econ Ass Proc* 45: 233-245. 1972

073132 280.9 W527P
Changing structure & organization of agriculture: implications for country banks. [U.S.]. Hopkin, J A *West Farm Econ Ass Proc* 45: 248-256. Ref. 1972

073133 280.9 W527P
Concept & measurement of farm income & general welfare in agriculture. Weeks, E E *West Farm Econ Ass Proc* 45: 259-266. 1972

073134 280.9 W527P
On linking local rural income redistribution to reclamation investments. Willis, R *West Farm Econ Ass Proc* 45: 322-330. Ref. 1972

073135 280.9 W527P
Relating distribution costs of irrigation water to an exhaustible water supply. Lacewell, R D *West Farm Econ Ass Proc* 45: 44-48. 1972

073136 280.9 W527P
Estimation of a performance function for evaluating range improvement investments. [Weed control, Artemista tridentata, Agropyron desertorum]. Nelson, G *West Farm Econ Ass Proc* 45: 61-65. Ref. 1972

073137 280.9 W527P
Tax subsidies for orchard development: who benefits? Carman, H F *West Farm Econ Ass Proc* 45: 66-70. Ref. 1972

073138 280.9 W527P
A proposal for a pooled reformulaton of capital structure of banks for cooperatives. [Agricultural credit]. Duft, K D *West Farm Econ Ass Proc* 45: 95-98. 1972

073139 SF191.W6
International lending for livestock development. Brumby, P J *World Anim Rev* 5: 6-10. 1973

073140 100 W99 (1)
Feasibility studies in water resource planning. [Costs, benefits]p. Dobbs, T L Agricultural Experiment Station *Wyo Agr Exp Sta Bull* 579, 16 P. Sept 1972

073141 100 W99 (1)
Taxation & Wyoming agriculture. Kearl, W G *Wyo Agr Exp Sta Bull* 588, 28 P. May 1973

073142 49 Z6
On wages of workers in animal industry. (Rus) Bogdan-Blakitnyi, R M *Zhivotnovodstvo* 2: 10-15. Feb 1973

073143 49 Z6
Economy of expenditures in animal industry. (Rus) Dubko, P *Zhivotnovodstvo* 4: 14-17. Apr 1973

073144 49 Z6
State insurance serving socialist animal industry. (Rus) Averin, V S *Zhivotnovodstvo* 4: 20-22. Apr 1973

AGRICULTURAL PRODUCTION DISTRIBUTION

073145 280.8 AG82
On new trade regulation. [Agriculture, forestry]. (Ger) Massauer, E *Agr Rundsch* 2: 20-22. Apr 1973

073146 280.8 AG82
No place for domestic plant oil in Austria? (Ger) Wohlmeyer, H *Agr Rundsch* 2: 6-10. Apr 1973

073147 280.8 AG82
World grain trade from Canadian point of view. (Ger) Fischer, L A *Agr Rundsch* 4: 32-34. Aug 1972

073148 281.8 AG826
Forecasting cattle market situation. (Ger) Bockenhoff, E *Agrarwirtschaft* 22 (1): 28. Eng. Sum. Jan 1973

073149 281.8 AG826
Statistical evaluation & testing irreversible demand functions. (Ger) Wolffram, R *Agrarwirtschaft* 22 (2): 71-73. Ref. Feb 1973

073150 281.8 AG826
Influence of income distribution on income elasticity of demand for food. (Ger) Karg, G *Agrarwirtschaft* 22 (4): 121-127. Eng. Sum. Apr 1973

073151 281.8 AG826
Forecasting pig market situation: Evaluation of swine count from March 2, 1973. (Ger) Bockenhoff, E *Agrarwirtschaft* 22 (4): 144-149. Eng. Sum. Apr 1973

073152 15 AG84
Markets & agricultural commercialization. (Spa) Herrero Alcon, A *Agric Rev Agropecu* 42 (491): 124-126. Mar 1973

073153 15 AG84
Policy of markets in Original production areas. [Agricultural products]. (Spa) Arevalo Arias, J *Agric Rev Agropecu* 42 (491): 127-130. Mar 1973

073154 15 AG84
MERCORSA & its system of markets in original production areas. [agricultural products]. (Spa) Sainz Garcia De La Mora, J M *Agric Rev Agropecu* 42 (491): 131-133. Mar 1973

073155 15 AG84
New central markets of food products: Food Units. (Spa) Crespo Albelda, J A *Agric Rev Agropecu* 42 (491): 134-136. Map. Mar 1973

073156 15 AG84
Livestock markets: Importance, characteristics, prospects. (Spa) Sanchez Legido, A *Agric Rev Agropecu* 42 (491): 137-141. Mar 1973

073157 15 AG84
Grain exchanges: A commercial reality in La Costa del Sol. [Vegetables]. (Spa) Unciti Urniza, J M *Agric Rev Agropecu* 42 (491): 142-145. Map. Mar 1973

073158 15 AG84
Futures market. [Agriculture]. (Spa) Briz Escribano, J *Agric Rev Agropecu* 42 (491): 146-149. Mar 1973

073159 15 AG84
Control markets. [Agricultural products]. (Spa) Llorca Esquerdo, T *Agric Rev Agropecu* 42 (491): 151-152. Mar 1973

073160 15 AG84
Informative techniques available to agrarian sector: Information on agricultural markets. (Spa) Gutierrez Bermudez, A *Agric Rev Agropecu* 42 (491): 153-155. Mar 1973

073161 15 AG84
Croupings of agricultural producers: Commercialization through A.P.A., functions & realizations. (Spa) Cruz Roche, P *Agric Rev Agropecu* 42 (491): 156-158. Mar 1973

073162 15 AG84
Parallel channels. [Marketing, food]. (Spa) Gomez Borrero, J C *Agric Rev Agropecu* 42 (491): 162-164. Mar 1973

073163 15 AG84
Objective of farmer: Integral marketing of his products; cooperatives & commercialization. (Spa) Ruiz, D S *Agric Rev Agropecu* 42 (491): 165-166. Mar 1973

073164 15 AG84
Markets in original production areas: Recent realizations. [Agricultural products]. (Spa) Cueva, C de la *Agric Rev Agropecu* 42 (491): 167-168. Mar 1973

073165 15 AG84
Bellpuig & Reus: Two traditional contract markets. [Agricultural products]. (Spa) Caballero, J *Agric Rev Agropecu* 42 (491): 169-170. Mar 1973

073166 15 AG84
Information on livestock markets. (Spa) Linares Marquez de Prado, J F *Agric Rev Agropecu* 42 (491): 171, 173-176. Map. Mar 1973

073167 15 AG84
Netherlands: Fruit & horticultural commercial organization. (Spa) Unciti, J M *Agric Rev Agropecu* 42 (491): 179-182. Mar 1973

073168 14 AG823
Some thoughts on world commerce of agricultural products. (Fre) Rouveroux, P *Agric Rev Men Tech Econ* 364: 111-112. Apr 1973

073169 26 AG86
World supply & demand of leaf tobacco in 1980. (Fre) Vanbercie, R *Agron Trop (paris)* 28 (1): 93-96. Jan 1973

073170 26 AG86
Recent fluctuations of sugar market. (Fre) Badinand, B *Agron Trop (paris)* 28 (1): 97-112. Jan 1973

073171 S11.B43
Quick review of daily milk production. (Dut) Ettema, F D *Bedrijfsontwikkeling* 4 (3): 219-222. Mar 1973

073172 S11.B43
Retrospective view of & perspectives on milk & other dairy products. (Dut) Dam, B van *Bedrijfsontwikkeling* 4 (3): 237-239. Mar 1973

073173 S11.B43
New Year's speech by Dr. C. H. J. van Beukering. [Common Market]. (Dut) Beukering, C H J van *Bedrijfsontwikkeling* 4 (3): 253-256. Mar 1973

073174 S11.B43
Some notes on horticultural economics. 48. How desirable are variations in horticultural produce we offer? [Consumer preferences]. (Dut) Sangers, W J *Bedrijfsontwikkeling* 4 (3): 269-271. Mar 1973

073175 47.9 D41
Marketing statistics. [Poultry]. (Dan) Sorensen, L Y *Beret Landsudv Fjerkraevlen* P. 118-126. 1972

073176 281.8 B462
Common agrarian market in expansion. (Ger) Fendt, F *Betriebswirtsch Mitt Wirtschaftsberater* 212/213: 17-31. Nov/Dec 1972

073177 281.8 B462
Competitive aspects of milk & slaughter swine production in Schleswig holstein. [Prices]. (Ger) Wolffram, R *Betriebswirtsch Mitt Wirtschaftsberater* 212/213: 5-15. Nov/Dec 1972

073178 281.8 B462
Marketing aspects of potato culture. (Ger) Oesert, K *Betriebswirtsch Mitt Wirtschaftsberater* 214: 21-32. Jan 1973

073179 281.8 B462
Field vegetable cultivation from view of marketing with special regard to industrial utilization. (Ger) Oesert, K *Betriebswirtsch Mitt Wirtschaftsberater* 217: 31-38. Map. Apr 1973

073180 281.8 B462
On situation in dairy market. (Ger) Kohnke, H H *Betriebswirtsch Mitt Wirtschaftsberater* 217: 39-41. Apr 1973

073181 19 B635
Estimation of milk suppliers until 1980 using Markov chains. (Ger) Schneeberger, W *Bodenkultur* 24 (1): 97-106. Ref. Eng. Sum. Feb 1973

073182 65.8 B73
History of sugar in Brazil. IV. [Marketing]. (Por) Vargas, C *Brasil Acucareiro* 80 (6): 30-40. Dec 1972

073183 81 C128
Avocado marketing problem. Berger, K *Calif Avocado Soc Yearbook* 56: 28-30. 1973

073184 275.29 C12I
Direct marketing opportunities – applications for Sonoma County. [Roadside markets]. Amorocho, G *Calif Univ Ext Inform Ser Agr Econ* 73-1, 48 P., Map. Ref. Mar 1973

073185 19.5 C333
Results & goals of fruit-growing economics. (Cze) Solc, V *Cesk Akad Zemed Vestn* 20 (3): 132-136. 1973

073186 68.38 C642
Review of production & consumption. [Cocoa]. Williamson, A P *Cocoa Grow Bull* 20: 2-4. Feb 1973

073187 68.38 C642
International cocoa agreement. [Trade]. Williamson, A P *Cocoa Grow Bull* 20: 5-9. Feb 1973

073188 QK1.H32
Papaya marketing on Oahu: retail markup analysis & consumer behavior study. Spielmann, H *Dep Pap Coll Trop Agric Hawaii Agric Exp Stn Univ Hawaii* 8, 41 P. Mar 1973

073189 298.8 SU2
Situation of milling industry with regard to common grain market regulation. (Ger) Strzybny, X *Deut Muller-zeitung* 71 (7): 129-131. (Continued) Apr 5, 1973

073190 412.628 D48
New buying season. [Minks]. (Ger) Jalanka, M V *Deut Pelztierzuchter* 47 (2): 21-23. Feb 1, 1973

073191 44.8 M736
Promising results of butter competition in Hannover Braunschweig. (Ger) Koch, G *Dtsch Milchwirtsch* 24 (13): 427-428. Mar 3, 1973

073192 44.8 M736
Butter mountain will stay; remarks on new concepts of European Communities Conmmission. (Ger) Richarts, E *Dtsch Milchwirtsch* 24 (15): 511-512. Apr 11, 1973

073193 HD1785.A1
Changing world needs for grains in 1972's. Paarlberg, D *Econ Planning (montreal)* 8(6): 7-12. Nov/Dec 1972

073194 49 B462
Dollar & elections. [Livestock, prices]. (Fre) Rouy, H *Elevage* 17: 16-18. Apr 1973

073195 TP368.E7
Trade prospects for wholesale & retail. [Food industry]. (Ger) Thiemann, F *Ernahrungswirtschaft* 4: a69-A71. Apr 1973

073196 TP368.E7
Growth market of ready-made canned foods: Canned products dominate now as before. (Ger) Scharfenstein, O H C *Ernahrungswirtschaft* 4: 308-311. Apr 1973

073197 389.9 F7354CO
Committee on Commodity Problems, Intergovernmental Group on Rice, seventeenth session, New Delhi, 23-27 April 1973. National policies, measures & regulati *F A O CCp (comm Commod Probl)* RI 73/10, 23 P. Feb 1973

073198 389.9 F7354CO
Committee on Commodity Problems, Intergovernmental Group on Rice, seventeenth session, New Delhi, 23-27 April 1973. Follow-up to recommended guidelines for a *F A O CCp (comm Commod Probl)* RI 73/9, 13 P. Feb 1973

073199 28 F73
Payment for milk on quality. *F A O FAo Agric Stud* 89, 82 P. 1972

073200 S560.F322
Implications of EEC. cereal support; prices announced for United Kingdom. Sutherland, R M *Farm Manage Rev* 1: 1-4. Oct 1972

073201 45.9 SV2
Never export live animals for slaughter. [Sheep]. (Swe) Morfeldt, L *Farskotsel* 53 (4): 33-34. Apr 1973

073202 43.8 F32
Tips for buying feeder cattle; seelling fed beef. Uvacek, E *Feedlot Manage* Special No: 39-40, 42. Maps. Nov 1972

073203 18 W763
Steps to reduce loss in cereal transport. (Ger) Hey, W *Feldwirtschaft* 14 (5): 219-220. May 1973

073204 SF481.F53
Progress in broiler production. (Swe) Jonsson, E *Fjaderfa* 66 (5): 150-151. May 1973

073205 HD9220.F63F6
Costs of processing, warehousing & selling Florida citrus products, 1971 – 72 season. Spurlock, A H *Fla Agric Exp Stn Agric Econ Rep* 46, 21 P. Apr 1973

073206 50.8 F622
New regulations concerning delivery & acceptance of slaughter animals, meat & meat products. I. (Ger) Justmann, K *Fleisch* 2((1): 3, 18. Jan 1973

073207 50.8 F622
Insurance of slaughter animals & marketing of swine carcasses. II. (Ger) Franke, A *Fleisch* 27 (1): 15-16. Jan 1973

073208 50.8 F622
Explanation of standard 25791 regarding transportation of live slaughter animals. (Ger) Schlicht, H *Fleisch* 27 (1): 17-18. Jan 1973

073209 50.8 F622
Problems of slaughter animal insurance in slaughter carcass marketing of swine. III. (Ger) Franke, A *Fleisch* 27 (4): 77-78. Apr 1973

073210 TS1950.F5
Meat-marketing under change. (Ger) Liebler, K *Fleischerei* 24 (4): 47-48. Eng. Sum. Apr 1973

073211 HD9000.1.F64
Growth of health food sales in super market. Spaeth-Wainwright, R S *Food Prod Develop* 7 (4): 28, 30. May 1973

073212 389.8 F7333
Marketing food & agricultural products in South-East Asia. Ward, L E *Food Technol Australia* 25 (3): 134-135, 137, 139-140. Mar 1973

073213 19 F75
Agricultural prices from economic-political point of vie. (Ger) Kottl, H *Forderungsdienst* 20 (12): 405-421. Ref. Dec 1972

073214 19 F75
Knowledge of human behavior as basis of tomorrow's consumption. (Ger) Wimmer, H *Forderungsdienst* 20 (12): 422-427. Dec 1972

073215 19 F75
Livestock trade between Austria & Italy. (Ger) Ziernhold , J *Forderungsdienst* 20 (8): 275-280. Aug 1972

073216 1.943 F116
U.S. exports of dairy breeding cattle in calendar 1972. *Foreign Agr Circ Flm* 7-73, 7 P. May 1973

073217 1.943 F116
U.S. exports of beef breeding cattle in calendar 1972. *Foreign Agr Circ Flm* 8-73, 13 P. May 1973

073218 A286.9 AG8
U.S. agricultural imports increase from most sources. *Foreign Agr Trade U S* P. 22-36. May 1973

073219 A286.9 AG8
Tariff rates on U.S. agricultural imports lower in 1972. *Foreign Agr Trade U S* P. 37-45. May 1973

073220 A286.9 AG8
EC [European Community] council fixes 1973/74 prices. *Foreign Agr Trade U S* P. 46-48. May 1973

073221 A286.9 AG8
U.S. Agricultural exports to 50 largest markets, 1972. *Foreign Agr Trade U S* P. 5-21. May 1973

073222 A281.9 F76FO
Outlook for EC [European Community]-applicant levies under beef CAP [Common Agricultural Policy] varies by commodity. *Foreign Agr* 10 (40): 18-19. Oct 2, 1972

073223 A281.9 F76FO
Cotton export profits help Pakistan boost farm production. Parker, J B *Foreign Agr* 11 (14): 14-15, 20. Apr 2, 1973

073224 A281.9 F76FO
Promotions increase use of U.S. Foods in Hong Kong. Havas, N *Foreign Agr* 11 (17): 11, 16. Apr 23, 1973

073225 A281.9 F76FO
U.S. Exports of cotton to Greece expand substantially. Frink, J C *Foreign Agr* 11 (20): 10-11. May 14, 1973

073226 A281.9 F76FO
Changing face of East German agriculture – shift from grain to livestock may benefit U.S. Sales. Neetz, R E *Foreign Agr* 11 (20): 3-4. May 14, 1973

073227 A281.9 F76FO
U.S. Almond exports to expand. Axer, J *Foreign Agr* 11 (20): 4-5, 16. May 14, 1973

073228 A281.9 F76FO
Beef exports to U.S. Brighten British Honduran future. McDonald, J C *Foreign Agr* 11 (20): 6, 16. May 14, 1973

073229 A281.9 F76FO
Buoyant Japanese demand for beef thwarts efforts to expands beef herd. Hemphill, A K *Foreign Agr* 11 (21): 2-4. May 21, 1973

073230 A281.9 F76FO
Crisis over EC farm prices resolved for 1973-74. Hudson, J F *Foreign Agr* 11 (21): 8-9, 16. May 21, 1973

073231 58.9 F843B
A group for commercial promotion abroad of French agricultural machines: birth of PROMAFEX. (Fre) Walter, J F *France Centre Nat Etud Exp Mach Agr Bull Inform* 182/183: 49-51. Mar/Apr 1973

073232 80 F9492
Distribution of bananas in France in 1971. (Fre) Cadillat, R M *Fruits* 28 (1): 74-77. Map. Jan 1973

073233 80 R52
Italian wines: research on 'Vinitaly' metting on better marketing of our wines. (Ita) Cardinali, B *Frutticoltura* 35 (2): 43-46. Feb 1973

073234 47.8 G43
Control of production of poulet label in France. (Ita) Coninck, P De *G Allevatori* 23 (1): 27-31. Jan 1973

073235 80 G1948
Securing adequate production of leek for continuous supply. (Ger) Winkler, W *Gartenbau* 20 (2): 29-30. Feb 1973

073236 80 G1948
More tomatoes for adequate supply. (Ger) Zimmermann, H *Gartenbau* 20 (3): 61. Mar 1973

073237 80 G1938
Green Rebolution & production in Norway. (Nor) Ekhaugen, K *Gartneryrket* 63 (11): 204, 206, 208, 210-213. Mar 16, 1973

073238 80 G1938
Trade agreement with European Economic Community. (Nor) Brenna, H K *Gartneryrket* 63 (15): 297, 304. Apr 13, 1973

073239 80 G1938
British apple & pear growing & Common Market. (Nor) Hansen, C *Gartneryrket* 63 (8): 138-140. Feb 23, 1973

073240 S544.3.H3H3
Marketing of nursery plants. Oki, G S *Hawaii Univ Ext Misc Publ* 103: 57-65. Apr 1973

073241 SF391.H6
Hybrids increasing in European market. [Swine]. Lovelidge, B *Hog Farm Manage* 10 (5): 16-17, 19-20. May 1973

073242 HD2092.A1H6
Competive oligopolistic market structure in meat processing industry. (Jap) Demura, K *Hokkaido Daigaku Nogyo Keizai-gaku Kyoshitsu Rev Agric Econ* 29: 34-52. Ref. Feb 1973

073243 S53.E2
Production-consumption relation of beef & lamb in West. Araji, A A *Idaho Agr Res Progr Rep* 165, 27 P. Apr 1973

073244 281.9 IL6I
Potential of soybeans as food in India. Williams, S W *Ill Agr Econ* 13 (1): 1-7. Ref. Jan 1973

073245 281.9 IL6I
Jamaica's strategy for import substitution of vegetables in 1960's. Due, J M *Ill Agr Econ* 13 (1): 20-26. Jan 1973

073246 100 IL6S (1)
Characteristics & prospects of market for commercial hog feed in Illinois. Bursch, W G *Ill Agr Exp Sta Bull* 743, 58 P., Map. Feb 1973

073247 383 AS7
International Food Exhibition, 1972: New foods 1972. [Marketing]. (Fre) *Indus Aliment Agr* 90 (2): 101-152. Feb 1973

073248 383 AS7
Conquest of market: role of innovation, technology & consultants. [Food industry]. (Fre) Brody, A *Indus Aliment Agr* 90 (2): 112, 115-121. Feb 1973

073249 383 AS7
A research development service for new products. [Food industry, United States]. (Fre) Berger, R *Indus Aliment Agr* 90 (2): 121-127. Feb 1973

073250 383 AS7
A publicity service. [Food industry, United States. (Fre) Yarnell, T *Indus Aliment Agr* 90 (2): 136-142. Feb 1973

073251 389.8 K832
Consumer preference regarding packing containers for canned vegetables. (Ger) Scharfenstein, O H C *Indus Obst& Gemuseverwert* 58 (6): 170. Mar 15, 1973

073252 389.8 K832
Import of vegetables, fruits & tropical fruits into German Federal Republic. (Ger) Arlitt, M *Indus Obst& Gemuseverwert* 58 (8): 211-219. Apr 19, 1973

073253 16 IT1
A new 'philosophy' for organization of marketing of fruits & vegetables in European Economic Community. (Ita) De Fabritiis, C *Ital Agr* 109 (12): 1337-1348. Dec 1972

073254 16 IT1
Organization of producers for efficiency in marketing of agricultural products. (Ita) Dini, D *Ital Agr* 110 (1): 29-37. Jan 1973

073255 HD9000.A1J68
Improving performance of food distribution industry. Bloom, G F *J Food Distrib Res* 3 (1): 11-15. July 1972

073256 HD9000.A1J68
Distribution strategy & cost analysis. [Food industry]. Graham, A S *J Food Distrib Res* 3 (1): 16-22. July 1972

073257 HD9000.A1J68
True effeciency in retail food distribution: a case study in preparing for long range growth. Friedman, W F *J Food Distrib Res* 3 (1): 23-35. July 1972

073258 HD9000.A1J68
Consumer behavior trends in 1970's. Welsh, R *J Food Distrib Res* 3 (1): 54-57. July 1972

073259 HD9000.A1J68
Planning future for a family business. [Retail marketing, food]. Vastine, W J *J Food Distrib Res* 3 (2): 5-9. Ref. Sept 1972

073260 75.8 K145
Is regulation needed in potato marketing of European Economic Community? (Ger) Kroiss, H *Kartoffelbau* 24 (3): 64-65. Mar 1973

073261 75.8 K145
Potato Marketing Board in Great Britain. (Ger) Korner, W *Kartoffelbau* 24 (3): 66-67. Mar 1973

073262 HD1491.G3K6
Rationalization of milk transportation – mutual responsibility of cooperative associations. (Ger) Blank, P *Kooperation* 7 (2): 71, 74-75. Feb 1973

073263 HD1491.G3K6
Industrial-scale vegetable production & demand-oriented supply. (Ger) Vogel, G *Kooperation* 7 (2): 80-83. Feb 1973

073264 389.78 K85
Economical valuation of fats used in animal fattening. [Chickens, swine, prices]. (Ger) Burke, R P *Kraftfutter* 56 (5): 226, 228, 230, 232, 234. Eng. Sum. May 1973

073265 389.78 K85
Concepts of quality for sugar beet & sugarcane molasses in international commerce. (Ger) Bohnsack, H *Kraftfutter* 56 (5): 238-239. May 1973

073266 281.8 L93
Futures market – a partial substitute for unavailable storage capacity. [Soybeans]. Traylor, H D *La Rural Econ* 35 (2): 14-16. May 1973

073267 TJ1480.A1L3
The agricultural machinery market in summer 1972. (Ger) Baumann, H *Landmaschinenmarkt* 51 (14): 16-18. Sept 7, 1972

073268 TJ1480.A1L3
How is it advancing? on the business development of typical agricultural machines. [Trade]. (Ger) Oehring, J *Landmaschinenmarkt* 51 (14): 20-21. Sept 7, 1972

073269 TJ1480.A1L3
Agricultural machinery market around 1972/73 new year. (Ger) Baumann, H *Landmaschinenmarkt* 52 (1): 26-28. Mar 26, 1973

073270 TJ1480.A1L3
Purchasing power figures for agricultural machinery: A versatile help. (Ger) Praetorius, R *Landmaschinenmarkt* 52 (1): 30-31. Mar 26, 1973

073271 11 L234
Sudden change in pork market. (Swe) Hemming, T *Lantmannen* 84 (L): 27-29. Mar 30, 1973

073272 11 L234
Marketing prognosis – a necessary evil? [Prices]. (Swe) Goransson, B *Lantmannen* 84 (5): 9-10. Mar 16, 1973

073273 TP368.L42
Trend of the consumption of sterilized preserves. (Ger) Thiele, F *Lebensm Ind* 20 (3): 111-112. Eng. Sum. Mar 1973

073274 TP368.L42
Problems in determining demand and influence of consumption on healthy food supply. (Ger) Dlouby, W *Lebensm Ind* 20 (4): 149-153. Eng. Sum. Apr 1973

073275 TP368.L42
Problems of International Cocoa Agreement in relation to other world raw material agreements. (Ger) Horn, O *Lebensm Ind* 20 (4): 157-158. Eng. Sum. Apr 1973

073276 44.8 M26
Comparative study of production of milk for consumption during years 1968/1969, 1969/1970, & 1970/1971. (Dan) Pedersen, K L *Maelkeritidende* 86 (11): 324-326. Mar 16, 1973

073277 44.8 M26
Individual groups must give up some of their soverignty for welfare of Economic Community. [Dairy industry]. (Dan) Christensens, J C *Maelkeritidende* 86 (12): 351-355, 357-358. Mar 23, 1973

073278 298.8 M292
C/mmercial aspects of wheat before processing. (Hun) Kuczka, A *Malomipar Termenyforgalom* 20 (1): 42-45. Jan/Feb 1973

073279 284.9 M58
Michigan food distribution industry – now & in 1985. Stachwick, G *Mich Agr Exp Sta Res Rep* 190, 18 P. Mar 1973

073280 275.29 M58A
Are food prices high? Ferris, J *Mich State Univ Ext Mich Farm Econ* 364 (I.e. 363), 4 P. Apr 1973

073281 SF221.M5
Market outlook for cattle & calves 1973. (Ger) Johannlukens, E *Milch Praxis* 11 (1): 13. Feb 1973

073282 SF221.M5
Cattle market in change? (Ger) Johannlukens, E *Milch Praxis* 11 (2): 20-21. May 1973

073283 18 N39
Thunderclouds over swine market!. (Ger) Perreiter, G *Mitt Deut Landwirtges* 88 (13): 362-363, 366. Mar 29, 1973

073284 44.8 M735
Butter reduced in price, protein more expensive? [European Economic Community]. (Ger) Nienhaus, A *Molk-zeitung Welt Milch* 27 (15): 445-446. Apr 13, 1973

073285 100 M69MI
International trade: who gains – & why? Wells, C M *MAFES Res Highlights (miss Agric For Exp Stn)* 36 (5): 2. May 1973

073286 44.9 AL3
Developments in world export of condensed products. [Milk]. (Dut) Schenk, G *Ned Zuivelbond Offic Orgaan* 65 (9): 212-214. Feb 28, 1973

073287 44.8 N752
Position of Dutch dairy industry. [Commerce]. (Dan) Schelhaas, H *Nord Mejeritidsskr* 39 (1): 5-17. 1973

073288 11 N8122
What developments can we expect in Common Market agricultural politics? (Nor) Hegge, O *Norsk Landbruk* 5: 6, 42, 44. Mar 8, 1973

073289 308.9 OR3
Demand & supply of Oregon peppermint oil. Price, D W *Oreg Essent Oil Growers League Proc* 24: 19-41. 1973

073290 308.9 OR3
Marketing orders. [Essential oil]. Reeder, C *Oreg Essent Oil Growers League Proc* 24: 69-77. 1973

073291 45.8 OV4
Present price quotations for wool in some form must be considered exaggerated. (Spa) Tanke, C G *Ovina* 35 (412): 14-15, 18, 29-30. Dec 1972

073292 100 P83
Market potential for agricultural products of Puerto Rico: purchase of food by Puerto Rican families. (Spa) Rodriguez de Zapta, L *P R (rio Piedras) Agr Exp Sta Bull* 230, 85 P. Ref. Eng. Sum. Sept 1972

073293 100 P83
Market potential for agricultural products of Puerto Rico: consumption of beef, veal, pork, & chicken in Puerto Rican households. (Spa) Rodriguez de Zapta, L *P R (rio Piedras) Agr Exp Sta Bull* 231, 100 P. Ref. Eng. Sum. Dec 1972

073294 41.8 P882
In focus: Meat is worth it. (Ger) Schirmeisen, D *Prakt Tierarzt* 54 (2): 81-82. Feb 1, 1973

073295 6 P9452
People are eating more lettuce. [Consumption]. Cable, C C *Progr Agr Ariz* 25 (1): 3-6, 16. Jan/Mar 1973

073296 TX341.Q5
Food distribution changing in Japan opening opportunities for imports. Barse, J R *Qhick Frozen Foods Int* 14 (4): 90-91, 137. Apr 1973

073297 41.8 R24
Decline of animal power & rearing of solipeds & mechanization of agriculture. VI. Contribution to study of horsemeat market. 5. Balance for 1971: real repercussion of horsemeat consumption on rearing of Equidae. (Fre) Moine, G *Rec Med Vet* 149 (3): 363-372. Eng. Sum. Mar 1973

073298 S17.M3
Marketing of groundnut in Barsi taluka of Sholapur district. Acharya, T K T *Res J Mahatma Phule Agric Univ* 3 (1): 42-52. Jan 1972

073299 100 OK4M
Prices received by Oklahoma farmers, 1964-1972. Blakley, L V *Res Rep P Agric Exp Stn Okla State Univ* 681, 48 P. Apr 1973

073300 41.8 B86
Export of livestock to overseas markets. (Spa) Luxardo, E S *Rev Med Vet (buenos Aires)* 53 (6): 579-580, 583-584, 587-588. 1972

073301 100 SO82 (1)
South Dakota's beef industry; marketing systems & alternatives. Gaarder, R O Agricultural Experiment Station *S Dak Agr Exp Sta Bull* 604, 46 P. Map. Ref. Oct 1972

073302 45.8 SA8
Northern Norway Marketing Cooperative. [Milk, meat]. (Nor) Engdal, T *Sau Geit* 25 (I.e 26) (1): 10-11. Feb 1973

073303 80 SCH9
Wine & other beverage comsumption in Switzerland. (Ger) Kutter, F *Schweiz Z Obst Weinbau* 109 (9): 214-217. Apr 14, 1973

073304 S95.E23
Consumer reaction to nutrition information on food product labels. Lenahan, R J *Search Agric* 2 (15), 27 P. 1972

073305 65.8 SE4
Marketing strategy & sugar industry. (Tur) Kutevin, Z *Seker* 23 (86): 55-65. Ref. Jan 1973

073306 9 SO1
Industry & meat exportation. (Spa) Carreras, A de las *Soc Rural Argent An* 106 (12): 17-18. Dec 1972

073307 9 SO1
Exportation of agricultural surplus of United States to Latin American Free Trade Association countries. (Spa) With, C A *Soc Rural Argent An* 106 (12): 51-52, 54-56. Dec 1972

073308 19.5 ST2
Better economic results by intensified production [Agriculture]. (Slo) Plichta, J *Statni Statky* 16 (1): 7-8. 1973

073309 S13.S82
Development & present situation in production & consumption of grain for feeding purposes (Review). (Cze) Hofrichterova, A *Stud Inf Vseobecne Otazky Zemed* P. 4-76. Ref. Eng. Sum. 1972

073310 66.9 SV22
Sugar, world trade, European Economic Community, & regulations. (Swe) Erickson, B *Sver Betodlares Centralforen Betodlaren* 35 (4): 134-136. 1972

073311 46.9 SV2
Japan has purchased 10,000 tons of Swedish pork. (Swe) Hemming, T *Svinskotsel* 63 (4): 12-13. Apr 13, 1973

073312 100 T25F
Sales of fluid dairy products in four Tennessee market areas. Demott, B J *Tenn Farm Home Sci Progr Rep* 85: 35-36. Jan/Mar 1973

073313 S9.T4
Golden beef-steaks. [Consumption, situation]. (Ita) Campana, G *Terra Vita* 13 (38): 22-23. Sept 29, 1972

073314 S9.T4
Denmark with its cooperatives in European Common Market. (Ita) Bonini, V *Terra Vita* 13 (43): 14-15. Nov 3, 1972

073315 49 T445
Feed market out of joint: Effects on economy of animal improvement. [Cattle, swine, poultry]. (Ger) Burchardt, I *Tierzuchter* 25 (3): 95-98. Mar 5, 1973

073316 49 T445
Recognizable effects of enlargement of European Economic Community on milk market. (Ger) Lehmann, F *Tierzuchter* 25 (4): 138-140. Apr 5, 1973

073317 49 T445
A comeback for steer meat? (Ger) Bogner, H *Tierzuchter* 25 (4): 146-147. Apr 5, 1973

073318 11 T58
Sale potential for Danish pork. (Dan) Madsen, S D *Tolvmandsbladet* 45 (3): 107-110. Mar 1973

073319 44.8 T66
Future of milk packaging & distribution in New Zealand. Henderson, D J *Town Milk* 21 (1): 4-9. Feb 1973

073320 58.8 T69
Poland in search of a proper place under sun. [Agricultural machinery, trade]. (Ita) Bonini, V *Trattorista* 18 (18): 8-10. Sept 30, 1972

073321 1.9 EC752PA
Demand & price situation dept. of agriculture economic research service. *U S D A Econ Res Serv Dps* 136, 22 P. May 1973

073322 1.9 EC7DS
Research estimates of fluid milk sales since 1954. Manchester, A C *U S D A Econ Res Serv Ds* 345: 31-37. May 1973

073323 A281.9 AG83E
Marketing economics research publications; a reference list. [Bibliography]. *U S D A Econ Res Serv ERs* 205 Rev, 34 P. Ref. Apr 1973

073324 1.941 M8M34
Marketing & transportation situation. *U S D A Econ Res Serv Mts* 189, 28 P. May 1973

073325 1.941 M8M34
Marketing channels for eggs. Rogers, G B *U S D A Econ Res Serv Mts* 189: 12-17. May 1973

073326 1.941 M8M34
Feasibility of unit trains for moving apples & lettuce from West. Hutchinson, T Q *U S D A Econ Res Serv Mts* 189: 18-23. May 1973

073327 1 AG84MR
Food dating: shoppers' reactions & impact on retail foodstores. *U S D A Mkt Res Rep* 984, 46 P. Jan 1973

073328 1 AG84MR
Demand for farm-raised channel catfish in supermarkets: analysis of a selected market. Raulerson, R C *U S D A Mkt Res Rep* 993, 21 P. May 1973

073329 1 AG84ST
Fresh fruit & vegetable prices, 1972. *U S D A Statist Bull* 518, 39 P. May 1973

073330 18 UB3
Market economy or planned economy? (Ger) Zeuschner, H D *Ubersicht* 24 (1): 44-47. Jan 13, 1973

073331 18 UB3
Cockerel market: to produce less – profit more. (Ger) Johannlukens, E *Ubersicht* 24 (2): 116-118. Feb 10, 1973

073332 18 UB3
Agriculture in international competition. (Ger) Mandle, E *Ubersicht* 24 (2): 95-100. Feb 10, 1973

073333 18 UB3
When will swine prices topple over? (Ger) Johannlukens, E *Ubersicht* 24 (4): 274-276. Apr 14, 1973

073334 41.9 V83
On differentiating increases in prices for calves. (Rus) Kornilov, IU D *Vitebsk Vet Inst Uch Zap* 25: 183-190. 1972

073335 281.9 M852
Operation in organizing purchasing and sales on state farms. (Rus) Esipova, A A *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 65: 112-115. 1972

073336 100 W27T
Intraseasonal demand, supply, & allocation of Washington apples. Price, D W *Wash Agr Exp Sta Tech Bull* 75, 15 P. Ref. Mar 1973

073337 280.9 W527P
A spectral decomposition of slaughter steer prices & its forecasting implications. Myers, W M *West Farm Econ Ass Proc* 45: 104-109. 1972

073338 280.9 W527P
Impacts of United States' changing its tariff on Mexican winter tomatoes. Dickinson, T E *West Farm Econ Ass Proc* 45: 172-176. 1972

073339 280.9 W527P
Sino-American trade: retrospect & prospect. [Agricultural products]. Schmidt, S C *West Farm Econ Ass Proc* 45: 23-34. Ref. 1972

073340 280.9 W527P
A proposal for changes in rules under which farmers produce & market agricultural products. Greig, W S *West Farm Econ Ass Proc* 45: 81-85. 1972

073341 280.9 W527P
Hedging as a marketing tool for western cattle feeders. Menzie, E L *West Farm Econ Ass Proc* 45: 86-90. 1972

073342 280.9 W527P
A model of cash & futures price relationships for deliverable-quality beef cattle. Ehrich, R L *West Farm Econ Ass Proc* 45: 91-94. 1972

073343 280.9 W527P
Some evidence on changing income elasticity of demand for beef. Ethridge, M D *West Farm Econ Ass Proc* 45: 99-103. Ref. 1972

073344 103 W52AD
More profit from store lambs. Guide lines for buyers & sellers. *West Scot Agr Coll County Adv Leafl* 101, 3 P. June 1972

073345 95.8 W73
Wine market situation. (Ger) Mauss, E *Winzer* 29 (2): 25-26. Feb 1973

073346 304.8 W888
A critical analysis of wool transport in Australia. 1. Ferguson, D *Wool Technol Sheep Breeding* 19 (11): 37-40. Dec 1972

073347 HD9130.1.W6
Drive to increase flue-cured production. [Tobacco, trade, South Africa]. Macfarlane, R C *World Tob* 40: 95, 97. Mar/Apr 1973

073348 SB13.Y3
Studies of changes in vegetable prices: seasonal price fluctations. (Tur) Osmanlioglu, E *Yalova Bahce Kult Arastirma Egitim Merkezi Derg* 5 (3/4): 61-67. Eng. Sum. Sept/Nov 1972

STATISTICAL DATA AND METHODOLOGY

073349 281.8 AG826
Production & evaluation of agriculture in German Federal Republic. (Ger) Brandkamp, F *Agrarwirtschaft* 22 (2): 41-57L eng. Sum. Feb 1973

073350 25 AR1
Calf drop in different stock farms & breeding stations in Phillippines for three fiscal years, (1967 to 1970). Bonifacio, O S *Araneta J Agr* 19 (1): 41-50. Ref. Jan/Mar 1972

073351 HD1175.A6A3
Arizona agricultural statistics, 1972. *Ariz Crop Livest Rep Serv Bull S* 8, 82 P. Map. Apr 1973

073352 266 ST22
Results of agricultural & forestry census for 1970: Burgenland. (Ger) *Austria Statist Zentralamt Beitr Osterr Statist Wien* 313/1, 135 P. 1973

073353 47.9 D41
Results from record brooks: egg production, 1971/1972. [Poultry]. (Dan) Qvist, F *Beret Landsudv Fjerkraevlen* P. 55-75. 1972

073354 47.9 D41
Results from record books; broiler production, 1971-1972. (Dan) Qvist, F *Beret Landsudv Fjerkraevlen* P. 75-85. 1972

073355 47.9 D41
Results from record books: production of hatching eggs from White Plymouth Rock hens, 1971/1972. (Dan) Qvist, F *Beret Landsudv Fjerkraevlen* P. 85-96. 1972

073356 S117.Z2A3
1971 texas poultry statistics. *Bull Tex Crop Livest Rep Serv* 86, 21 P. Map. Mar 1972

073357 281.9 C332
Possibilities of use of cooperation games in economic cooperation in agriculture. (Cze) Vitek, M *Cesk Akad Zemed Ustav Vedeckotech Inform Zemed Ekon* 19 (1): 9-18. Ref. Jan 1973

073358 389.9 F7354CO
Intergovernmental group on jute, kenaf & allied fibres, Sixth session, Rome, 21-23 February 1973: statistical situation. (Fre) *F A O CCp (comm Commod Probl)* jU 73/2, 12 P. Feb 19, 1973

073359 389.9 F7354CO
Intergovernmental group on jute, kenaf & allied fibres, sixth session, Rome, 21-23 February 1973: Some consequences of diminution of Western (Mul) *F A O CCp (comm Commod Probl)* jU 73/7, 8 P. Feb 1973

073360 SF481.F53
Rise in egg production. (Swe) Johansson, H *Fjaderfa* 66 (3): 69, Mar 1973

073361 A286.9 AG8
Expanding trade with Canada. Sabatini, O *Foreign Agr Trade U S* P. 33-41. Apr 1973

073362 A286.9 AG8
Spain – a thriving commercial customer. Lopes, J *Foreign Agr Trade U S* P. 42-52. Apr 1973

073363 HD2092.A1H6
Estimation of agricultural productivity indexes in Hokkaido, 1921-41. (Jap) Kuroyanagi, T *Hokkaido Daigaku Nogyo Keizai-gaku Kyoshitsu Rev Agric Econ* 29: 1-33. Feb 1973

073364 HD2092.A1H6
Farmer's price response, a study on acreage determination of rice in Japan, 1883-1969. Nghiep, L T *Hokkaido Daigaku Nogyo Keizai-gaku Kyoshitsu Rev Agric Econ* 29: 196-211. Feb 1973

073365 22 IN292
Efficiency of stratification in livestock surveys. Garg, R C *Indian Soc Agr Statist J* 24 (2): 55-64. Dec 1972

073366 20 M57AG
Optimal computation of unstable parameters for variables of an objective function. [Agriculture]. (Ger) Nikolov, N *Int Z Landwirt* 2: 157-162. 1973

073367 2 N818A
North Dakota crop & livestock statistics; annual summary for 1972, revisions for 1971. *N Dak Crop Livestock Rep Serv Ag Statist* 29, 74 P. Map. May 1973

073368 HD1861.A7
Production of textile & other articles with cotton in Argentine Republic, 1970. (Spa) *Publ ESR Repub Argent Min Agric Ganad Dir Nac Econ Sociol Rural* 54, 67 P. Aug 1972

073369 100 N27N
How can hog & pig statistics help you? Wellman, A C *Q Serv Farm Ranch & Home Univ Nebr, Coll Agric* 20 (1): 6-8. Spring 1973

073370 270 SO87LA
Report on agricultural & pastoral production 1968 – 69. (Afr) *Repub S Afr Bur Statist Agr Census* 43, 450 P. Map. June 1972

073371 100 SO82 (1)
South Dakota population, housing & farm census facts; ranking of counties on population & housing (1960 – 1970) & farms (1964 – 1969). Riley, M P *S Dak Agr Exp Sta Bull* 611, 63 P. Ref. May 1973

073372 1.9 EC752WS
Wheat situation. Naive, J J *U S Agr Mkt Serv Sus* 223, 42 P. Feb 1973

073373 1.941 S8F32
Feed situation. *U S D A Econ Res Serv Feed Situation* 249, 31 P. May 1973

073374 1.9 EC752F FOS
U.S. soybean economy in 1980's. Kromer, G W *U S D A Econ Res Serv Fos* 267: 16-23. Apr 1973

073375 1.941 S8L752
Livestock & meat situation dept. of agriculture economic research service. *U S D A Econ Res Serv Lms* 191, 31 P. May 1973

073376 A280.3599 M34
Rice situation. *U S D A Econ Res Serv Rs-* 21, 23 P. Mar 1973

073377 1.9 EC752WW
Wool situation. *U S D A Econ Res Serv Tws* 103, 31 P. May 1973

073378 1.9 EC752F TS
Tobacco situation. *U S D A Econ Res Serv TS* 143, 36 P. Mar 1973

073379 281.9 M852
Mathematical methods for analyzing intensification of farm production. (Rus) Dzhabrailov, Sh A *Vses Nauch-issled Inst Ekon Sel Khoz Dokl Soobshch* 64: 180-182. 1972

073380 72.8 W522
Breeding for tolerance to Verticillium wilt. [Cotton]. Barrow, J R *West Cotton Prod Conf Sum-proc* P. 75-77. 1973

073381 100 W75R
Motivating potential respondents in mail surveys. [Wisconsin incorporated farm study]. Buse, R C *Wis Agr Exp Sta Res Rep* R2409, 10 P. Ref. June 1972

OUTLOOK, POLICIES, PROGRAMS, AND LEGISLATION

073382 280.8 AG82
Sugar partnership. (Ger) Kordik, H *Agr Rundsch* 2: 10-12. Apr 1973

073383 280.8 AG82
Agricultural industries, a world-wide problem: International consultations on agricultural industries in developing countries. (Ger) Matic, M F *Agr Rundsch* 2: 13-15. Apr 1973

073384 280.8 AG82
Austria's agrarian policy. (Ger) Weihs, O *Agr Rundsch* 2: 16-18. Apr 1973

073385 280.8 AG82
Developmental tendencies of agricultural farm structure: Prognosis results for 1980 with help of Markov chains. (Ger) Schneeberger, W *Agr Rundsch* 2: 18-20. Apr 1973

073386 280.8 AG82
Agricultural cooperation in Eastern European countries. (Ger) Wessely, K *Agr Rundsch* 2: 24-26. Apr 1973

073387 280.8 AG82
Development of 1972/73 Austrian agriculture & forestry: Diagnosis & tendencies. (Ger) Schneider, M *Agr Rundsch* 2: 28-33. Apr 1973

073388 281.8 AG826
Definition & scope of structural policies in agriculture. (Ger) Reinicke, J *Agrarwirtschaft* 22 (4): 141-144. Ref. Eng. Sum. Apr 1973

073389 HD1930.G6A4
Early tomato production: Fourth report on British Isles Tomato Survey 1969 & 1970. Nicholson, J A H *Agric Entrep Stud Engl Wales Rep Wye Coll (univ Lond) Sch R Ural Econ Relat Stud* 11, 108 P. Ref. 1972

073390 4 AM34P
A major cereals project to improve maize, sorghum & millet production in Africa. Eberhart, S A *Agron J* 65 (3): 365-373. May/June 1973

073391 280.8 F77
Agrartechnological revolution & future agriculture from present developmental tendencies to future. (Ger) Thiede, G *Akad Raumforsch Landesplanung Forsch Sitzungsber* 83: 1-24. Ref. 1972

073392 280.8 F77
Tendencies of regional agricultural production. (Ger) Brandes, W *Akad Raumforsch Landesplanung Forsch Sitzungsber* 83: 25-44. Ref. 1972

073393 280.8 F77
Future production & market development in agriculture. (Ger) Reinken, G *Akad Raumforsch Landesplanung Forsch Sitzungsber* 83: 45-59. Ref. 1972

073394 100 AL1S (2)
Lease & sale transfers of cotton allotment in selected Alahama counties. McIntyre, T R *Ala Agr Exp Sta Circ* 203, 30 P. Ref. Apr 1973

073395 389.9 SO1B
Development of animal production & world food problems. (Fre) Coleou, J *Aliment Vie* 60 (6): 383-423. 1972

073396 281.8 AM32
Rural development – a movement whose time has come. Erwin, W *Amer Soc Farm Managers Rural Appraisers J* 37 (1): 29-31. Apr 1973

073397 80 C733
California's dynamic tomato industry. 2. Tomorrow. Hayes, J *Amer Veg Grower* 21 (5): 28, 44. May 1973

073398 18 N11
Program in Rhineland-Pfalz: Further development adapted permanently. [Agriculture]. (Ger) Besse, K *Ausbildung Beratung LandHauswirtsch* 26 (3): 55-56. Mar 1973

073399 65.9 AU7
Sugar industry consolidating for future. McAvoy, F J *Australian Sugar Year Book* 32: 163, 165. 1973

073400 S760.A75A35
Green Revolution through multiple cropping in India. Mahapatra, I C *AMa (agric Mech Asia)* 4 (1): 37-42. Spring 1973

073401 S11.B43
Retrospective view of & perspectives on cattle & meat. (Dut) Meyer, G A *Bedrijfsontwikkeling* 4 (3): 239-240. Mar 1973

073402 S11.B43
Retrospective view of & perspectives on poultry raising. (Dut) Mellema, J T *Bedrijfsontwikkeling* 4 (3): 241-242. Mar 1973

073403 S11.B43
Information concerning European Economic Community sugar regulations. (Dut) Bos, B C *Bedrijfsontwikkeling* 4 (4): 337-339. Apr 1973

073404 S11.B43
Present & future agricultural organization of Ijsselmeer polders. (Dut) Bruyn, A W J de *Bedrijfsontwikkeling* 4 (4): 359-361. Apr 1973

073405 S11.B43
A birds-eye-view of opoato industry. (Dut) Glotbach, J M *Bedrijfsontwikkeling* 4 (4): 365-368. Apr 1973

073406 S11.B43
Competitive position of Dutch carnation growing industry. [Dianthus caryophullus]. (Dut) Haag, W G de *Bedrijfsontwikkeling* 4 (4): 379-382. Apr 1973

073407 18 G31A
Chronicle of agrarian policy & agrarian economy of German Empire from 1933 – 1945. (Ger) Tornow, W *Ber Landwirtsch Z Agrarpolit Landwirtsch* Special No. 188, 193 P. Ref. 1972

073408 281.9 B832N
Brief glance on Belgian agriculture in 1972. (Fre) Serroen, F *Brussels Inst Econ Agr Notes I E A* 34, 20 P. Feb 1973

073409 14 P215BC
New law on agricultural cooperation. (Fre) Noilhan, M *C R Seances Acad Agric Fr* 16: 1292-1301. 1972

073410 81 C128
Our expanding agriculture. Plambeck, H *Calif Avocado Soc Yearbook* 56: 19-27. 1973

073411 281.9 C332
Substitution of labour force by active funds in agriculture prognosis of development by 1990. (Slo) Puchly, S *Cesk Akad Zemed Ustav Vedeckotech Inform Zemed Ekon* 19 (1): 1-8. Jan 1973

073412 19.5 C333
Planning scientific-research activities for 1973 & for further years of Five Year Plan. (Cze) Hromadko, J *Cesk Akad Zemed Vestn* 20 (2): 72-78. 1973

073413 TP374.C6C6
Corn has a bright future in agriculture. Burz, E L *Corn Refiners Assoc Corn Annu* P. 5-7. 1973

073414 80 C83
Meat from farm or factory? [Outlook]. Moore, I *Country Life (london)* 153 (3962): 1570-1571. May 31, 1973

073415 41.8 D482
Reply concerning K. Grunberger ' new law for protection of animals'. (Ger) Tegge, G *Deut Tierarztl Wochensch* 80 (10): 234-237. May 15, 1973

073416 41.8 D482
New animal protection legislation. (Ger) Grunberger, K *Deut Tierarztl Wochensch* 80 (3): 55-59. Feb 1, 1973

073417 44.8 M736
Future prospects for dairy industry in USA. (Ger) Mathis, A G *Dtsch Milchwirtsch* 24 (15): 519-520. Apr 11, 1973

073418 QH540.E2
How many can we feed? [Food production]. Slesser, M *Ecologist* 3 (6): 216-220. Jun 1973

073419 280.8 EC792
Rural development in an age of survival. [Food supply]. Gaay Fortman, B De *Economist (Haarlem)* 121 (2): 157-171. Ref. 1973

073420 281.8 SO73
Long-term agricultural forecasting. (Rus) Labenets, V *Ekon Sel Khoz* 10: 60-67. Oct 1972

073421 281.8 SO73
On development of intensive plans in German Democratic Republic. [Agricultural production&]. (Rus) Karpenko, I *Ekon Sel Khoz* 4: 114-116. Apr 1973

073422 281.8 SO73
Factors increasing grain production in Ukraine. (Rus) Borisenko, N *Ekon Sel Khoz* 4: 7-15. Apr 1973

073423 281.8 SO73
Improving planning of agricultural production. (Rus) Kotechenkov, A *Ekon Sel Khoz* 4: 94-100. Apr 1973

073424 49 B462
With stealthy but sure steps, rationalization of our swine rearing progresses. (Fre) Rouy, H *Elevage* 17: 103, 105, 107, 109. Apr 1973

073425 49 B462
Will French sheep become victorius? [European Economic Community]. (Fre) Rouy, H *Elevage* 17: 115, 117, 119, 121, 123. Apr 1973

073426 HD1775.O3A3
Impact of proposed Indiana class I base plan on Ohio milk sheds & markets. Vickrey, E K *ESM Coop Ext Serv Ohio State Univ* 487: 33-36. Mar 1973

073427 TP450.A1F55
Position of soft drinks in Common Market. Dieperink, H W E *Flavour Ind* 4 (3): 112-113. Mar 1973

073428 280.38 F62
Waste removal: Animal carcass disposal. [Legislation]. (Ger) Braun, S *Fleischwirtschaft* 53 (4): 498, 500-502. Apr 1973

073429 389.8 F7372
Angola needs South African know-how & investment. [Food industry]. Philip, I *Food Indus S Afr* 25 (11): 6-7. Map. Mar 1973

073430 aTX341.F615
How food stamps aid disaster victims. *Food Nutr* 3 (3): 2-5. June 1973

073431 aTX341.F615
Automating food stamp redemption. *Food Nutr* 3 (3): 8-10. June 1973

073432 19 F75
New legislation for control of farm leases. (Ger) Schildberger, K *Forderungsdienst* 20 (10): 340-342. Oct 1972

073433 19 F75
Agrarian policy in this decade. [Austria]. (Ger) Weihs, O *Forderungsdienst* 21 (1): 1-7. Jan 1973

073434 19 F75
Agrarian policy & development of agriculture between yesterday & today. [Austria]. (Ger) Schratt, H *Forderungsdienst* 21 (2): 37-44. Feb 1973

073435 A281.9 F76FO
World Food Program marks decade of providing food for development. *Foreign Agr* 11 (19): 10-11. May 7, 1973

073436 A281.9 F76FO
Ford Foundation specialists seed ways to expand Mideast food crops. *Foreign Agr* 11 (21): 10-11. May 21, 1973

073437 99.8 F7724
Joint destiny of agriculture & forestry. (Ger) Boesler, M *Forst-holzwirt* 27 (19): 405-408. Oct 10, 1972

073438 80 R52
Future of apple culture. (Ita) Parisi, L *Frutticoltura* 35 (2): 27-30. Feb 1973

073439 80 R52
Decline of grape culture in Etna region. (Ita) Foti, S *Frutticoltura* 35 (2): 35-38. Feb 1973

073440 80 G1948
Task of vegetable production under glass & plastic covers after xith Farmers Congress of German Democratic Republic. (Ger) Riedel, H *Gartenbau* 19 (10): 217-219. Oct 1972

073441 80 G1948
Securing a high level of fruit production to meet demand. (Ger) Rechlin, E *Gartenbau* 20 (2): 40. Feb 1973

073442 80 G1938
Compensation with expropriation. (Nor) Bohler, T *Gartneryrket* 63 (8): 131. Feb 23, 1973

073443 80 G1938
Is there a future for horticulture in Ullensvang? (Nor) Lutro, K *Gartneryrket* 63 (8): 136, 143. Feb 23, 1973

073444 S15.G5
Optimal prospects for rice in Alto Medio Sao Francisco. (Por) Santos, M M dos *Gleba* 16 (204): 6-7. Oct 1972

073445 S15.G5
Restoration of coffee plantations. (Por) Cortex, O da M *Gleba* 18 (206): 35-36. Dec 1972

073446 HB9.G6
Forecast of agricultural development & forests of Poland. (Pol) Rakowski, M *Gospod Planowa* 28 (3): 186-192. Mar 1973

073447 389.78 G98
World protein demand climbs higher. (Ger) Tschiderer, K *Gute Rat Futterungsfragen* 12 (1): 8-10. Mar 1973

073448 S544.3.H3H3
Economic outlook for nursery industry. Slom, S M *Hawaii Univ Ext Misc Publ* 103: 69-75. Apr 1973

073449 11 H35
Four year development plan for Tanzania. (Dan) Lauridsen, C *Hedeselsk Tidsskr* 94 (1): 12-16. Jan 15, 1973

073450 99.82 H742
Primary task of Five Year Plan & tasks of branches of wood industry. [East Germany]. (Ger) Leonhardt, R *Holzindustrie* 25 (5): 129-132. May 1972

073451 HD2042.A1I4
Problems of agriculture in Greece. [Policies]. (Bul) Panitisoidis, G *Ikon Sel Stop* 9 (5): 49-60. Ref. 1972

073452 281.9 IL6I
Diversification in Ilinois crop production: 1938 – 1970. [Field crops]. Finke, J *Ill Agr Econ* 13 (1): 8-11. Map. Ref. Jan 1973

073453 TX558.R5R53
Production & utilization of rice. Adair, C R *In Rice Chemistry and Technology* P. 1-15. Ref. 1972

073454 100 IN2P (1)
Effectiveness of a cooperative base plan for milk & dairymen's opinions of plan. [Milk production stabilization]. Phillips, M J *Ind Agr Exp Sta Res Bull* 898, 19 P. Ref. Mar 1973

073455 HD1945.A1I5
What policy for what agriculture? propositions of syndicalism. (Fre) Cormoreche, P *Inform Agr (paris)* 435: 13-20. Apr 1973

073456 HD1945.A1I5
Europe menaced should show itself solidaric & realistic. [Agricultural policies]. (Fre) Souplet, M *Inform Agr (paris)* 435: 20-23. Apr 1973

073457 61.9 IN8
Progress in plant variety protection with privately developed varieties. [Legislation]. Neely, J W *Int Crop Impr Ass Annu Rep* 54: 66-71. 1972

073458 61.9 IN8
Plant variety protection for publicly developed varieties. [Legislation]. Kramer, H H *Int Crop Impr Ass Annu Rep* 54: 71-76. 1972

073459 61.9 IN8
Progress under U.S. Plant Variety Protection Act. Rollin, S F *Int Crop Impr Ass Annu Rep* 54: 76-81. 1972

073460 20 M57AG
Brotherly help of Soviet Union in development of Hungarian agriculture. (Ger) Soos, G *Int Z Landwirt* 2: 125-126. 1973

073461 20 M57AG
Gradual advance & assimilation of developmental levels of agriculture of member countries of Council for Mutual Economic Assistance. (Ger) Iwanow, N *Int Z Landwirt* 2: 127-134. 1973

073462 20 M57AG
Socialistic economic integration & developmental prospects of agriculture in Mongolian People's Republic. (Ger) Daschdondow, H *Int Z Landwirt* 2: 135-138. 1973

073463 20 M57AG
Problems of obtaining a method for comparison of characteristics of work productivity in agriculture of member countries of Council for Mutual Economic Assistance. (Ger) Maschenkow, W *Int Z Landwirt* 2: 139-145. 1973

073464 20 M57AG
Relations between Agricultural Production Cooperatives & individual domestic economy in Hungary. (Ger) Roman, P *Int Z Landwirt* 2: 145-149. 1973

073465 20 M57AG
Development of slaughter cattle production in agricultural production societies of German Democratic Republic: Transition to industrial production methods. (Ger) Sommer, J *Int Z Landwirt* 2: 194-198. 1973

073466 20 M57AG
Industrial slaughter cattle production. (Ger) Sachariev, S *Int Z Landwirt* 2: 198-202. 1973

073467 20 M57AG
Development of agriculture in Russian SFSR. (Ger) Florentev, I *Int Z Landwirt* 4: 369-376. 1972

073468 20 M57AG
Tasks of Polish agriculture. (Ger) Stachurka, E *Int Z Landwirt* 4: 381-386. 1972

073469 20 M57AG
State & perspectives of agricultural development in Mongolian People's Republic. (Ger) Baldandasch, L *Int Z Landwirt* 6: 615-617. 1972

073470 20 M57AG
Development of cooperation in field of seed production by member countries of Council for Mutual Economic Assistance. (Ger) Senkowitsch, B *Int Z Landwirt* 6: 635-638. 1972

073471 S19.I78
Strategic considerations in agricultural development. Pohoryles, *Isr Agric* P. 7-18. Spring 1973

073472 16 IT1
Potential of livestock industry in Bolivia. (Ita) Bonadonna, T *Ital Agr* 110 (1): 63-76. Jan 1973

073473 44.8 J822
Trends & needs in dairy industry. Hodgson, R E *J Dairy Sci* 56 (5): 614-620. May 1973

073474 257.3 J76
Food supply emergency planning. (Swe) *Jordbruksekon Medd* 35 (3): 66-74. Eng. Sum. Mar 1973

073475 41.8 K67
Rabies protection ordinance partly invalid. (Ger) Sojka, K *Kleintier – praxis* 18 (3): 75-76. May 1973

073476 389.78 K85
Poultry rearing: A branch with increased risk? (Ger) Brocker, R *Kraftfutter* 56 (5): 222-224. May 1973

073477 389.78 K85
On idea of a new German feed law. (Ger) Koch, V *Kraftfutter* 56 (5): 243-244. May 1973

073478 HD1775.K4K4
Beef cattle industry facts. Browning, W *Ky Univ Coop Ext Serv Agric Econ Ext Inf Ser* 9, 27 P. Oct 1972

073479 282.8 J82
Use-value assessment legislation in United States. Barlowe, R *Land Econ* 49 (2): 206-212. May 1973

073480 105.2 OR3
Will agriculture satisfy demands of Common Market? an optimistic look at Dutch agriculture. (Dut) Noort, P C van den *Landbouwkundig Tijdschr* 85 (3): 83-088. Ref. Eng. Sum. Mar 1973

073481 58.8 L235
Legal questions on emmission problem. [Air pollution]. (Ger) Eysel, K *Landtechnik* 28 (5): 143-144, 146-148. Mar 15, 1973

073482 9.2 L39
Defending national wheat growing. [Brazil]. (Por) Silva, A R da *Lavoura* 76 (1): 12-15. Jan/Feb 1973

073483 58.8 M467
Mechanization for further intensification of agricultural production. (Cze) Petrik, M *Mech Zemedel* 23 (4): 121-124. 1973

073484 284.9 M58
Michigan sheep industry now & in 1985. Blank, G *Mich Agr Exp Sta Res Rep* 184: 20-22. Jan 1973

073485 284.9 M58
Michigan field crops – now & in 1985. Nelson, L V *Mich Agr Exp Sta Res Rep* 187, 8 P. Feb 1973

073486 18 N39
Agriculture in the next decade? (Ger) Reisch, E *Mitt Deut Landwirt-ges* 88 (16): 440-442. Apr 19, 1973

073487 44.8 M735
Rationalizing without effect? [Dairy industry, West Germany]. (Ger) Heiber, J *Molk-zeitung Welt Milch* 27 (14): 407-408. Apr 6, 1973

073488 44.8 M735
German dairy industry with different chances for development. (Ger) Nienhaus, A *Molk-zeitung Welt Milch* 27 (14): 415-417. Apr 6, 1973

073489 44.8 N752
Is there a milk crisis on way? – what does one do to meet it? (Dan) Hansen, R *Nord Mejeri-tidsskr* 39 (1): 1-4, 17. 1973

073490 284.28 N77
Present condition & future outlook of starch-sugar industry in Japan. [Potatoes, wheat, sweetpotatoes]. (Jap) Ito, M *Norin Kinyu* 26 (2): 24-38. Feb 1972

073491 11 N8122
Prohibition against pesticides in agriculture will mean an economic catastrophe for foodstuffs. (Nor) *Norsk Landbruk* 5: 20, 25, 38. Mar 8, 1973

073492 11 N8122
A more sophisticated view of agricultural politics. (Nor) Hegge, O *Norsk Landbruk* 8: 25, 41. Apr 18, 1973

073493 282.28 N98
Future of Norwegian agriculture. (Nor) Ringen, J *Ny Jord* 60 (1): 11-15. 1973

073494 77.8 OL2
Situation of oil crops in South Viet Nam. (Fre) Ton-That-Trinh, *Oleagineux* 28 (4): 185-188. Eng. Sum. Apr 1973

073495 S19.O68
Politics & strategy in irrigation matters. (Fre) Saouma, E *Options Mediterr* 16: 13-15. Dec 1972

073496 100 OR3M
Modern trends in beef industry. Cardon, B P *Oreg Agr Exp Sta Spec Rep* 384: 18-25. May 1973

073497 14 R323
A historical necessity, agrarian revolution in Algeria is first of all an instrument of social justice. (Fre) Chatanay, J N *Paysans* 17 (98): 45-54. Feb/Mar 1973

073498 14 R323
Finally a coherent policy for viticulture! but games are not yet played. (Fre) Brossaud, J F *Paysans* 17 (98): 56-63. Feb/-Mar 1973

073499 49 P952
Slaughter of calves should be actively counteracted. [Beef production exports]. (Pol) Reklewski, Z *Przegl Hodowlany* 40 (11): 7-9. June 1/15, 1972

073500 100 N27N
Production potential for beef cattle in western Nebraska. Helmers, G A *Q Serv Farm Ranch & Home Univ Nebr, Coll Agric* 20 (1): 18-20, Map. Spring 1973

073501 389.9 R314
Regulation of pesticides in Argentina. Locatelli, M *Residue Rev* 44: 39-64. 1972

073502 24 M44
Vegetables section of agricultural sector: 1971 compared with 1970. [Mauritius]. Manrakhan, J *Rev Agr Sucriere Ile Maurice* 51 (3): 183-197. July/Sept 1972

073503 9.2 C332
Production of pineapple (Ananas comosus) in state of Paraiba, 1949/1970. (Por) Silva, A J da *Rev Ceres* 19 (106): 449-459. Ref. Eng. Sum. Nov/Dec 1972

073504 41.8 R32
About some new data in positive law. [Livestock, diseases]. (Fre) Linon, P G *Rev Med Vet (toulouse)* 124 (5): 641-654. Eng. Sum. May 1973

073505 64.9 C33
Some of main problems of prognosis of crop production development in Czechoslovakia by 1990. (Cze) Pasek, J *Rostlinna Vyroba* 19 (1): 1-14. Ref. Jan 1973

073506 281.28 R889
Indias Green Revolution: a myth or a realtiy? Nakkiran, S *Rural India* 36 (12): 254-260. Dec 1972

073507 SF221.S6
State of dairy industry in South Africa. Lishman, P H *S Afr J Dairy Technol* 5 (1): 5-9. Mar 1973

073508 275.249 SO8
Potato industry in south Australia. Feddersen, H D *S Aust Dep Agr Ext Bull* 2.73: 2-8. Mar 1973

073509 45.8 SA8
Future growth of milk production in Northern Norway. (Nor) Nilsen, A *Sau Geit* 25 (I.e. 26) (1): 11-12. Feb 1973

073510 45.8 SA8
Is there a future for Norwegian sheep industry? (Nor) Bergo, H *Sau Geit* 25 (I.e. 26) (1): 3-5. Feb 1973

073511 286.85 D48
Food legislation. (Ger) Herold, G *Schlacht Viehhof-ztg* 73 (4): 139-140. Apr 1973

073512 QH540.S4
Supplemental-income effects of Federal food programs for selected low-income households. Garroway, M N *Search, Hum Ecol* 2 (13), 8 P. 1972

073513 65.8 SE4
Katma Protocol, sugar industry of Turkey, & European Economic Community countries. (Tur) Alp, O *Seker* 23 (86): 1-6. Eng. Sum. Jan 1973

073514 21 SE492
Basic problems facing agricultural science. (Bul) Ganev, A *Selskostop Nauk* 12 (1): 5-18. 1973

073515 9 SO1
Prospects of cattle husbandry & beef in present decade. (Spa) Uanini, A *Soc Rural Argent An* 106 (12): 12-14. Dec 1972

073516 9 SO1
Argentine Rural Society & Meat Advisory Group of Latin American Free Trade Association. (Spa) Iriarte, I *Soc Rural Argent An* 106 (12): 15-16. Dec 1972

073517 9 SO1
Possibilities of Argentine cattle husbandry. (Spa) Pereda, C V *Soc Rural Argent An* 106 (12): 19-21. Dec 1972

073518 9 SO1
Valuation of inventories on cattle farms & their fiscal effects. (Spa) Irrazabal, R A *Soc Rural Argent An* 106 (12): 42-43, 45-46. Dec 1972

073519 19.5 ST2
Main trends in animal porduction development up to year 1985. (Cze) Otmar, B *Statni Statky* 16 (1); 4-5. 1973

073520 46.8 SU3
Situation of swine industry within Parma-Reggio Emilia area. (Ita) Bonini, V *Suinicoltura* 14 (3): 31-39. Mar 1973

073521 298.8 SE42
Some evaluations on importande of planning in milling industry. (Ita) Dalla Torre, G *Tec Molitoria* 24 (2): 1-4. Eng. Sum. Jan 30, 1973

073522 44.8 OF2
Realism & patching up. [Dairy industry]. (Fre) Philippot, P *Tech Lait* 28 (770): 7. Mar 1, 1973

073523 100 T25S (1)
Time lags in increased manufacturing employment following public investment in water resources, Tennessee Valley, 1936-68. Hileman, A E *Tenn Agr Exp Sta Bull* 501, 30 P. Map. Ref. Sept 1972

073524 100 T25F
Expenditures by Tennessee meat packing firms resulting from Tennessee Meat & Poultry Inspection Act of 1967. Snell, J G *Tenn Farm Home Sci Progr Rep* 85: 23-25. Jan/Mar 1973

073525 S9.T4
Wheat: situation & outlook. (Ita) Gosi, L *Terra Vita* 13 (37): 20-22. Sept 22, 1972

073526 S9.T4
Taking stock of Mediterranean policies of European Economic Community. (Ita) Bettamio, G P *Terra Vita* 13 (43): 12-13. Nov 3, 1972

073527 S9.T4
Italian agriculture in comparison with that of European Economic Community. (Ita) Di Cocco, E *Terra Vita* 13 (48): 12-15. Dec 8, 1972

073528 S9.T4
What is future of olive culture. (Ita) Velato, N *Terra Vita* 14 (1): 30-31. Jan 5, 1973

073529 100 T31TE
Agriculture & challenge of '70's. Pope, L S *Tex Agr Progr* 18 (4): 8-9. Fall 1972

073530 49 T443
Germany (Democratic Republic). (Ger) Komischke, E *Tierzucht* 27 (1): 1-2. Jan 1973

073531 49 T443
Poultry industry's tasks in 1973. (Ger) Anders, E *Tierzucht* 27 (1): 41-43. Jan 1973

073532 49 T443
Tasks & problems of maximal raising of beef production & its most effective management. (Ger) Melz, K *Tierzucht* 27 (4): 145-146. Apr 1973

073533 49 T445
Developmental tendencies in swine production of enlarged European Economic Community. (Ger) Neidlinger, G *Tierzuchter* 25 (3): 100, 102. Mar 5, 1973

073534 80 T817
Green Revolution in Spain. 4. (Dut) Benoit, F *Tuinbouwberichten* 37 (3): 121-124. Mar 1973

073535 1.9 EC752F FOS
U.S. soybean economy in 1980's. Kromer, G W *U S D A Econ Res Serv Fos* 267: 16-23. Apr 1973

073536 18 UB3
Agrarian policy in mosaic. (Ger) Krohn, H *Ubersicht* 24 (4): 257-258. Apr 14, 1973

073537 18 UB3
Futurology in agrarian policy. (Ger) Krohn, H *Ubersicht* 24 (4): 259-263. Apr 14, 1973

073538 HD871.A1U7
An exercise in micro-level planning for a rural Taluka: Miryalguda experience. Sen, L K *Urban Rural Plann Thought* 15 (2): 37-48. Apr 1972

073539 HD871.A1U7
Growth focii strategy: its application to south east resource region in India. Chandrasekhara, C S *Urban Rural Plann Thought* 15 (2): 49-68. Map. Apr 1972

073540 HD871.A1U7
Application of growth pole concept to development of national capital region. Misra, B *Urban Rural Plann Thought* 15 (2): 69-108. Map. Apr 1972

073541 420 UT1
Possible legal entanglements in a mosquito abatement district. Warr, I *Utah Mosquito Abatement Ass Proc* 25Th: 4-6. Apr 27, 1973

073542 20 V633
Fruits of cooperation between science & production. [Agriculture]. (Rus) Kalachik, V M *Vestn Sel'skokhoz Nauk (moscow)* 3: 126-129. Mar 1973

073543 41.8 V6456
Legal decisions & legislation. [Veterinary medicine]. Porter, A R W *Vet Annu* 13Th: 353-358. 1972 (Pub. 1973)

073544 41.8 C87
Veterinary legislation: hypothesis for care & custody of animals. (Ita) Pelaggi, A *Vet Ital* 23 (9/10): 557-565. Ref. Sept-/Oct 1972

073545 41.8 V6439
For further intensification of agricultural production. (Cze) Petrik, M *Veterinarstvi* 23 (3): 97-98. 1973

073546 49.9 R92
Efficient allocation & specialization of animal industry by zones & regions of USSR (up to 1980). (Rus) Tsynkov, M IU *Vses Nauch-issled Inst Zhivotn Tr* 34: 249-254. 1972

073547 292.8 W295
Progressive taxation as a policy for water quality management. Ferrar, T A *Water Resources Res* 9 (3): 563-568. June 1973

073548 72.8 W522
Government program & farmer. [Cotton, subsidies]. Carter, J R *West Cotton Prod Conf Sum-proc* P. 1-4. 1973

073549 72.8 W522
Byssinosis, air pollution, OSHA [Occupational Safety & Health Act] – how they affect producer. [Cotton]. Johnson, D A *West Cotton Prod Conf Sum-proc* P. 9-12. 1973

073550 280.9 W527P
Selected economic implications of alternative development strategies for Navajo Indian Irrigation Project. [New Mexico]. Clevenger, T *West Farm Econ Ass Proc* 45: 153-158. 1972

073551 280.9 W527P
Analysis of Japanese rice policies. Payne, W F *West Farm Econ Ass Proc* 45: 182-185. 1972

073552 280.9 W527P
New economic impact of new industry on rural communities with emphasis on cost of industrialization. Shaffer, R *West Farm Econ Ass Proc* 45: 203-209. Ref. 1972

073553 280.9 W527P
Environmental movement & rural development. [U.S.]. Fullerton, H H *West Farm Econ Ass Proc* 45: 221-230. 1972

073554 280.9 W527P
Alternative futures for U.S. Agriculture: a challenge for analysts. Carr, A B *West Farm Econ Ass Proc* 45: 269-277. Ref. 1972

073555 280.9 W527P
Environmental movement & implications for agriculture. [U.S.]. Crosswhite, W M *West Farm Econ Ass Proc* 45: 278-287. Ref. 1972

073556 280.9 W527P
Western agricultural research & environmental issue. [Project Clean West]. McGregor, R C *West Farm Econ Ass Proc* 45: 290-296. 1972

073557 280.9 W527P
Pollution control policy effects on irrigated farms. Clark, R T *West Farm Econ Ass Proc* 45: 299-307. Ref. 1972

073558 SF191.W6
Twenty years with no progress? [Animal production]. Jasiorowski, H A *World Anim Rev* 5: 1-5. 1973

073559 SF191.W6
Trends in beef cattle production in United States. Edwards, J *World Anim Rev* 5: 11-15. 1973

073560 281.8 W892
Success of a Malaysian agro-industry. [Pineapples]. Tay, T H *World Crops* 25 (2): 84-86. Mar/Apr 1973

CONSUMER PROTECTION

073561 80 AC82
Bromide resudues in pulp of mango fruits subjected to hot aqueous ethylene dibromide dips. Wadhi, S R *Acta Hort* 24: 239. Mar 1972

073562 41.8 AC84
On presence of Salmonella in broilers slaughtered in Sicily; health & sanitation considerations & research. (Ita) Iannuzzi, L *Acta Med Vet* 18 (3/4): 137-144. Ref. Eng. Sum. May/Aug 1972

073563 436.8 AC8
A study of technological properties of milk from cattle treated with Zanil (ICI) against fasciolasis. [Liver fluke]. Tarczynski, S *Acta Parasitol Polon* 20 (40/52): 573-581. Ref. Dec 1972

073564 SF601.A47
FDA [Food & Drug Administration] requirements for toxicity testing of veterinary drugs. Robens, J F *Am Coll Vet Toxicol News* 15 (2): 27-34. Ref. May 1973

073565 448.3 AP5
Isolation of Salmonellae from pork carcasses. Carpenter, J A *Appl Microbiol* 25 (5): 731-734. Ref. May 1973

073566 448.3 AP5
Evaluation of potential risk of botulism from seafood cocktails. Lerke, P *Appl Microbiol* 25 (5): 807-810. Ref. May 1973

073567 449.8 AR2
Application of lysotyping for differentiation of staphylococci from foods. (Ger) Kusch, D *Arch Hyg Bakteriol* 157 (1): 78-88. Ref. Eng. Sum. 1973

073568 449.8 AR2
Survival versus growth of a faculative psychrotroph in meat & products of meat. Khan, M A *Arch Hyg Bakteriol* 157 (2/3): 277-282. Ref. May 1973

073569 381 AS7
Collaborative study of quantitative determination of titanium dioxide in cheese. Leone, J L *Ass Offic Anal Chem J* 56 (3): 535-537. May 1973

073570 381 AS7
Collaborative study of a test to determine whether shucked oysters have been frozen & thawed. Gould, E *Ass Offic Anal Chem J* 56 (3): 541-543. May 1973

073571 381 AS7
Collaborative study of determination of ammonia as an index of decomposition in crabmeat. Steinbrecher, K *Ass Offic Anal Chem J* 56 (3): 598-601. May 1973

073572 381 AS7
Gas chromatographic deetermination of brominated sesame oil in orange drinks: collaborative study. Conacher, H B S *Ass Offic Anal Chem J* 56 (3): 602-606. May 1973

073573 381 AS7
Nitrate, nitrite, & dimethylnitrosamine in cured meat products. Panalaks, T *Ass Offic Anal Chem J* 56 (3): 621-625. Ref. May 1973

073574 381 AS7
Detection of turmeric in foods by rapid fluorometric method & by improved spot test. Karasz, A B *Ass Offic Anal Chem J* 56 (3): 626-628. May 1973

073575 381 AS7
Collaborative study of a method for extraction of light filth from prepared horseradish. Gecan, J S *Ass Offic Anal Chem J* 56 (3): 629-630. May 1973

073576 381 AS7
Collaborative study of an enzymatic digestion method for isolation of light filth foom fresh pork sausage. Gecan, J S *Ass Offic Anal Chem J* 56 (3): 631-633. May 1973

073577 381 AS7
Collaborative study of extraction of light filth from canned whole & cream style corn. Dent, R G *Ass Offic Anal Chem J* 56 (3): 634-636. May 1973

073578 381 AS7
Thin layer chromatographic test for mammalian urine on wheat. Thrasher, J J *Ass Offic Anal Chem J* 56 (3): 637-639. May 1973

073579 381 AS7
Method for determining direction of insect boring through food packaging materials. [Contamination]. Brickey, P M *Ass Offic Anal Chem J* 56 (3): 640-642. May 1973

073580 381 AS7
Separation & determination of FD&C Red no. 4 & FD&C Red no. 40 in Maraschino cherries by column chromatography. Draper, R E *Ass Offic Anal Chem J* 56 (3): 703-705. May 1973

073581 381 AS7
Oxytetracyline residues in milk following intramammary infusion. Katz, S E *Ass Offic Anal Chem J* 56 (3): 706-712. Ref. May 1973

073582 381 AS7
Gas chromatographic determination of residues of methylcarbamate insecticides in crops as their 2,4-dinitrophenyl ether derivatives. Holden, E R *Ass Offic Anal Chem J* 56 (3): 713-717. May 1973

073583 381 AS7
Factors relating to completeness of solvent extraction of dieldrin from milk. [Pesticide residues]. Ang, C Y W *Ass Offic Anal Chem J* 56 (3): 718-720. May 1973

073584 381 AS7
An isolation & cleanup procedure for low levels of organochlorine pesticide residures in fats & oils. Porter, M L *Ass Offic Anal Chem J* 56 (3): 733-738. May 1973

073585 381 AS7
Analytical constituents of strawberry & raspberry & thei r change in jam production. Ryan, J J *Ass Offic Anal Chem J* 56 (3): 743-747. May 1973

073586 381 AS7
Current efforts of food & drug administration to control mycotoxins in food. Fischbach, H *Ass Offic Anal Chem J* 56 (3): 767-770. Ref. May 1973

073587 SF604.A52
Aspects of microbiological control of foods. [Fungi]. (Por) Santiago, O *Atual Vet* 1 (5): 6-12. Ref. Jan/Feb 1973

073588 S544.3.W6W52
Facts & fallacies about pasteurized milk. Dunn, C *B Coop Ext Programs Univ Wisc* 1247 4 P. Mar 1973

073589 QL1.B5
Distribution of 90Sr[strontium] & 137Cs[cesium] in poultry organisms & in hen's eggs. Csupka, S *Biol Ser B Zool* 28 (2): 139-144. Ref. 1973

073590 7 B77P
Exhibition standards of perfection for dairy products, poultry products, & honey. *Brit Columbia Dep Agr (publ)* 50a, 8 P. 1973

073591 RA784.A1C3
Food quality assurance. Sammy, G M *Carib Food & Nutr Inst Cajanus* 6 (1): 30-36. Jan/Mar 1973

073592 41.8 C61
On presence of antibiotics in meat of slaughtered cattle. (Ita) D'Aubert, S *Clin Vet* 96 (1): 16-23. Ref. Eng. Sum. Jan 1973

073593 44.8 D1444
Keep bacterial out of milk. Russell, F J *Dairy Top* 18 (1): 31-34. Jan 1973

073594 41.9 D23
Additives. problem as seen from producers viewpoint. [Contamination, food]. (Dan) Halkier, S B *Danske Dyrlaegefor Medlemsbl* 56 (6): 255-258. Mar 15, 1973

073595 389.8 D482
Microbial contamination of enzyme preparation used in food industry. II. Bacteria & mold fungi. (Ger) Lott, G *Deut Lebensmittel-rundsch* 69 (2): 73-74. Ref. Eng. Sum. Feb 1973

073596 389.8 D482
Problems in grading frying fats. (Ger) Zeddelmann, Hv *Deut Lebensmittelrundsch* 69 (2): 81-83. Feb 1973

073597 41.8 EC7
Incidence of phytosanitary treatments on contamination of dariy products. (Fre) Hascoet, M *Econ Med Anim* 14 (1): 51-58. Jan/Feb 1973

073598 28 F73
Payment for milk on quality. *F A O FAo Agric Stud* 89, 82 P. 1972

073599 TP450.A1F55
Additives for soft drinks. Barber, A L *Flavour Ind* 4 (3): 114, 116, 118. Mar 1973

073600 50.8 F622
Comparison of quality of canned meat & canned sausages. (Ger) Otto, H *Fleisch* 2((1): 4-6. Jan 1973

073601 50.8 F622
In interest of quality control. [Meat products]. (Ger) Schinke, W *Fleisch* 26 (12): 222-224. Dec 1972

073602 50.8 F622
Suggesting tentative value limits for determination of objective characteristics of meat quality. (Ger) Scharner, E *Fleisch* 26 (12): 226-227. Dec 1972

073603 50.8 F622
Efficient inspection of poultry meat. (Ger) Scheer, J *Fleisch* 27 (2): 28-29. Feb 1973

073604 50.8 F622
New regulations on delivery & removal of slaughter animals, meat & meat products. (Ger) Justmann, K *Fleisch* 27 (3): 57. Mar 1973

073605 50.8 F622
Quality control in Combined Meat Works of Dresden. (Ger) Pilling, H *Fleisch* 27 (4): 75-77. Apr 1973

073606 280.38 F62
What might be result of forbidding or reducing addition of nitrate & nitrite curing salt to meat products?-from bacteriological point of view. (Ger) Leistner, L *Fleischwirtschaft* 53 (3): 371-375. Ref. Eng. Sjm. Mar 1973

073607 280.38 F62
What is meat quality? (Ger) Hofmann, K *Fleischwirtschaft* 53 (4): 485. Apr 1973

073608 280.38 F62
Veterinary food hygiene within framework of public health conditions. (Ger) Kampelmacher, E H *Fleischwirtschaft* 53 (4): 502-504. Apr 1973

073609 280.38 F62
Formation of mycotoxin Patulin in dry sausage. [Penicillium expansum, Penicillium urticae]. (Ger) Alperden, I *Fleischwirtschaft* 53 (4): 566-568. Ref. Eng. Sum. Apr 1973

073610 41.8 F712
Estimation of technological process in abbatoir of new enterprise Masokombinat in Kosice from point of view of hygiene. (Slo) Kromka, R *Folia Vet* 16 (3/4): 191-197. Eng. Sum. 1972

073611 HD9000.1.F64
US RDA doesn't meet population needs. [Nutrition labeling]. Filer, L J *Food Prod Develop* 7 (4): 103-105. Ref. May 1973

073612 HD9000.1.F64
Uniformity – a must for effective microbial controls. [Food]. Foster, E M *Food Prod Develop* 7 (4): 34, 36-37. May 1973

073613 HD9000.1.F64
Nutrascape. [Food labeling]. White, P L *Food Prod Develop* 7 (4): 65-66, 68. May 1973

073614 389.8 F7333
An application of statistics to microbiological evaluation of factory sanitation. [Food]. Cranston, P M *Food Technol Australia* 25 (4): 180-181. Apr 1973

073615 19 F75
Sensory methods in quality grading of food. (Ger) Weiss, J *Forderungsdienst* 21 (2): 60-64. Feb 1973

073616 80 G1948
Effect of mechanical fruit injury on behaviour of apples during storage. (Ger) Stolle, G *Gartenbau* 19 (9): 209. Sept 1972

073617 80 G1948
Residue & toxicological problems arising from application of plant protection & growth regulators in fruit & vegetable production. (Ger) Beitz, H *Gartenbau* 20 (4): 106-109. Apr 1973

073618 449.8 Z36P
Salmonella spreading through infected ice cream. (Ger) Primavesi, C A *Gesundheits Desinfek* 65 (4): 50-52. Apr 1973

073619 298.8 G33
Contamination of cereals & flour with pest control products. (Ger) Stadelmann, W *Getreide Mehl Brot* 27 (3): 91. Mar 1973

073620 298.8 G33
Analytical problems of proof of mycotoxins. [Grain]. (Ger) Bosenberg, H *Getreide Mehl Brot* 27 (3): 94-97. Mar 1973

073621 S15.G5
Classification of products. [Sweetpotatoes]. (Por) Freitas de Souza, E *Gleba* 16 (204): 10. Oct 1972

073622 S15.G5
Classification of products. [Fruit juices, eggplant]. (Por) Souza, E F de *Gleba* 18 (205): 14-15. Nov 1972

073623 S15.G5
Classification of products. [Beets]. (Por) Souza, E F de *Gleba* 18 (206): 19-20. Dec 1972

073624 S15.G5
Classification of products: Peas. (Por) Souza, E F de *Gleba* 19 (207): 33-34. Jan 1973

073625 44.8 H65
Consumers prefer a higher solids milk. Jacobsen, D H *Hoards Dairyman* 118 (11): 717-750. June 10, 1973

073626 HD9000.1.I52
Epidemiology & foods. (Ita) Dalla Torre, G *Indus Aliment (pinerolo)* 91 (1): 72-75. Eng. Sum. Jan 1973

073627 HD9000.1.I52
Determination of pentoses in meat & meat products. [Adulteration]. (Ita) Cantoni, C *Indus Aliment (pinerolo)* 91 (1): 85-90. Eng. Sum. Jan 1973

073628 HD9000.1.I52
Economic intersectorial tables of food industries. [Costs, returns]. (Ita) Fornari, B *Indus Aliment (pinerolo)* 92 (2): 57-59. Feb 1973

073629 HD9000.1.I52
Considerations on limitation of microbial charge in raw milk. [Contamination]. (Ita) Dalla Torre, G *Indus Aliment (pinerolo)* 92 (2): 71-73. Eng. Sum. Feb 1973

073630 389.8 K832
Quality control peas. (Ger) Kruse, H W *Indus Obst& Gemuseverwert* 58 (8): 228-230. Apr 19, 1973

073631 389.8 K832
Food without pesticide residues – some opinions & experiences. (Ger) Scharfenstein, O H C *Indus Obst& Gemuseverwert* 58 (9): 239-240. May 3, 1973

073632 381 J8223
Accumulation of mercury in tissues of cattle, sheep, & chickens given mercurial fungicide, panogen 15, orally. Wright, F C *J Agr Food Chem* 21 (3): 414-416. May/June 1973

073633 381 J8223
Inorganic & organic bromide residues in food stuffs fumigated with methyl bromide & ethylene dibromide at low temperatures, [Peaches, cherries, apples, plums]. Dumas, T *J Agr Food Chem* 21 (3): 433-436. Ref. May/June 1973

073634 381 J8223
Determination of heavy metals in foods. Baetz, R *J Agr Food Chem* 21 (3): 436-440. Ref. May/June 1973

073635 381 J8223
Quantitative determination of dimethyland trimethylamine in fish protein concentrate. Miller, A *J Agr Food Chem* 21 (3): 451-453. Ref. May/June 1973

073636 381 J8223
Hypoxanthine measurement in assessing freshness of chilled channel catfish (Ictalurus punctatus). Beuchat, L R *J Agr Food Chem* 21 (3): 453-455. Ref. May/-June 1973

073637 381 J8223
Biological effects of sucrose acetale isobutyrate in rodents & dogs. [Soft drinks, additives, toxicity]. Krasavage, W J *J Agr Food Chem* 21 (3): 473-479. Ref. May/June 1973

073638 HC110.C6J6
Consumer reaction to nutritional labels on food products. Lenahan, R J *J Consum Aff* 7 (1): 1-12. Summer 1973

073639 QH540.J6
Chlorinated hydrocarbon insecticide residues in crops & soil. Nash, R G *J Environ Qual* 2 (2): 269-273. Ref. Apr/June 1973

073640 389.8 F7322
Growth & enterotoxin production by various strains of Staphylococcus aureus in selected foods. Scheusner, D L *J Food Sci* 38 (3): 474-476. Mar/Apr 1973

073641 49 N62
A method for determination of TBA [table of basic allowances] number of meat in presence of nitrite. (Jap) Yamauchi, K *Jap J Zootech Sci* 44 (3): 155-158. Eng. Sum. Mar 1973

073642 QP981.T6K4
Proceedings of Tobacco & Health Workshop Conference, lexington, Kentucky, January 11-13, 1972. *Ky Univ Tob Health Res Inst Conf Rep* 3, 404 P. 1972

073643 QP981.T6K4
Investigations on effect of chemical modifiers on tobacco & tobacco smoke. Burton, H R *Ky Univ Tob Health Res Inst Conf Rep* 3: 341-369. Ref. 1972

073644 QP981.T6K4
Proceedings of Tobacco & Health Workshop Conference, Lexington, Kentucky, March 26-28, 1973. *Ky Univ Tob Health Res Inst Conf Rep* 4, 891 P. 1973

073645 QP981.T6K4
Fate of insecticides in tobacco plants & factors influence ing their levels in tobacco products. Dorough, H W *Ky Univ Tob Health Res Inst Conf Rep* 4: 796-828. 1973

073646 11 L236
Aim of agricultural regulations. (Nor) Feste, J *Landbrukstidende* 79 (7): 139-141. Feb 17, 1973

073647 11 L29
Dangers of home slaughtering. [Contamination]. (Swe) Svedberg, S *Lantbrukstidskr Dalarna* 86 (1): 25-26. 1973

073648 TP368.L42
Mathematical-statistical evaluation of results of sensoric score judging. [Food]. (Ger) Orsi, F *Lebensm Ind* 20 (3): 103-107. Ref. Eng. Sum. Mar 1973

073649 S560.M32
State Control Office for Dairy Products. [Inspection]. (Fin) Tuomainen, L *Maataloushallinnon Aikak* 4: 19-24. Eng. Sum. 1972

073650 44.8 M26
General viewpoint concerning requirements of milk producers in regard to quality & marketing. (Dan) Pedersen, A H *Maelkeritidende* 86 (10): 304-306. Mar 9, 1973

073651 275.29 M66EX
Storing meat in your refrigerator. [Contamination]. Epley, R J *Minn Univ Agr Ext Serv Ext Folder* 278, 4 P. 1973

073652 22.5 M6932B
Effect of inorganic iron on development of oxidative rancidity in isolated mitochondrial fraction from skeletal muscle tissue. [Chickens]. (Jap) Yamauchi, K *Miyazaki Univ Fac Agr Bull* 19 (2): 397-404. Ref. Eng. Sum. Dec 1972

073653 44.8 M735
How must labeling of packaged milk & milk products be brought about? [West Germany]. (Ger) Schauff, A M *Molkzeitung Welt Milch* 27 (14): 409-411. Apr 6, 1973

073654 44.8 N283
Deeping quality of tinned processed cheese manufactured from cheese made from bactofugated milk. [Contamination]. Galesloot, T E *Ned Melk-zuiveltijdschr* 27 (1): 30-44. 1973

073655 44.8 N283
Bacteriological aspects of keeping quality at 5 degrees C [centigrade] of reinfected & non-reinfected pasteurized milk. Langeveld, L P M *Ned Melk-zuiveltijdschr* 27 (1): 54-65. Ref. 1973

073656 RA421.N67
Hygiene in restaurant kitchens with special reference to presence of Streptococcus faecalis on hands of personnel. [Contamination]. (Swe) Gorbatow, O *Nord Hyg Tidskr* 54 (1): 29-37. Eng. Sum. 1973

073657 41.8 N922
Total mercury contained in various edible fish products of foreign origin. (Ita) Vstsvviolo, D *Nuova Vet* 48 (5): 280-286. Eng. Sum. Sept/Oct 1972

073658 389.8 N953
Toxicity of mold-damaged sweetpotatoes. Wilson, B J *Nutr Rev* 31 (3): 73-78. Ref. Mar 1973

073659 57.8 OR32
Organize for food quality. Goldstein, J *Org Gard Farming* 20 (6): 54-57. June 1973

073660 SB951.P43
Pesticides residues in foods – their need, present status & principles for laying down tolerance. Chadha, D S *Pesticides* 6 (12): 83-87, 96. Dec 1972

073661 47.8 AM33P
Effects of selected psychrophilic bacteria on fatty acid composition of chicken brest meat. Mast, M G *Poultry Sci* 52 (1): 173-178. Ref. Jan 1973

073662 47.8 AM33P
Microbial quality of ground poultry meat. [Contamination]. Maxcy, R B *Poultry Sci* 52 (2): 486-491. Ref. Mar 1973

073663 47.8 AM33P
Thermal destruction curves for Salmonella oranienburg in egg products. [Contamination]. Cotterill, O J *Poultry Sci* 52 (2): 568-577. Ref. Mar 1973

073664 47.8 AM33P
Salmonella in laying hen. 1. Salmonella recovery from viscera, feces & eggs following oral inoculation. Cox, N A *Poultry Sci* 52 (2): 661-666. Ref. Mar 1973

073665 86 W123J
New sizing principles for apples, pears & tomatoes. [Grading]. (Dut) Kuiken, J C J *Publ Inst Tuinbouwtech (wageningen)* 77: 37-38. Eng. Sum. 1972

073666 86 W123J
New sizing principles for apples, pears, & tomatoes. [Grading]. (Dut) Kuiken, J C J *Publ Inst Tuinbouwtech (wageningen)* 77: 53-54. Eng. Sum. 1972

073667 TX341.Q5
Time/temperature controls of FF designed for product protection. [Frozen Foods]. Ware, M S *Qhick Frozen Foods Int* 14 (4): 158-162. Apr 1973

073668 68.28 R322
Coffee & consumer: Norms, regulations & control. (Spa) Jardin, C *Rev Cafetalera* 122: 23-42 (10 P. Not Consecutive). Feb 1973

073669 41.8 R32
A study of pollution of new-laid eggs of hen, duck & goose. [Escherichia, Salmonella]. (Fre) Kohnechahri, M *Rev Med Vet (toulouse)* 36 (4): 485-488. Eng. Sum. Apr 1973

073670 50.8 R322
Geneva study days of food hygiene: Animal toxoplasmosis & listeriosis & food hygiene. [Toxoplasma gondii, Listeria monocytogenes]. (Fre) Abdussalam, M *RTva (rev Tech Vet Abattoirs Hyg Aliment)* 11 (93): 24-26. Ref. Mar 1973

073671 286.85 D48
Is trade in irradiated foods allowable? (Ger) Herold, G *Schlacht Viehhof-ztg* 72 (4): 132-134. Apr 1972

073672 286.85 D48
Identification of estrogens in meat & meat products. (Ger) Gunther, H O *Schlacht Viehhof-ztg* 73 (4): 129-131. Apr 1973

073673 286.85 D48
Carcass & meat inspection of calf; a photographical study with comments. (Ger) Boos, G *Schlacht Viehhof-ztg* 73 (4): 133-138. Ref. Eng. Sum. Apr 1973

073674 286.85 D48
Food legislation. (Ger) Herold, G *Schlacht Viehhof-ztg* 73 (4): 139-140. Apr 1973

073675 61.8 SE53
Corresponding standards of European Economic Community for official regulation of seeds & plants carried out in four countries. (Ita) Obst, D *Sementi Elette* 19 (1): 3-6. Jan/Feb 1973

073676 100 F66SU
Poultry & egg pigmentation. Fry, J L *Sunshine State Agr Res Rep* 18 (1/2): 12-15. Mar/Apr 1973

073677 49 J822
Studies on phosphatase in milk. I. Application of phosphatase test to fluid milk. (Chi) Tseng, H C *Taiwan Ass Anim Husb Vet Med J* 20: 9-17. June 1972

073678 65.8 T133
Sugar cane quality control & sugar yield. [Taiwan]. Ming-chuen, T *Taiwan Sugar* 20 (1): 18-20. Jan/Feb 1973

073679 44.8 OF2
For production of quality milk. (Fre) Labie, C *Tech Lait* 28 (770): 11-14. Mar 1, 1973

073680 TX341.T4
Influence of ozone on superficial microbial flora of beef refrigerated or in process of defrosting. (Spa) Fournaud, J *Tecnol Aliment* 6 (35/36): 12-14, 16. Sept/Dec 1972

073681 TX341.T4
Biochemistry of psychrophilic bacteria & their antibiotic sensitivity. [Pseudomonas, Vibrio, fish, contamination]. (Spa) Ola, F N *Tecnol Aliment* 6 (35/36): 2-5. Sept/Dec 1972

073682 TX341.T4
Preservation of fruits & vegetables: How it is investigated in England. (Spa) Namor, M S *Tecnol Aliment* 6 (35/36): 6. Sept/Dec 1972

073683 41.9 T23
A study on effect of different levels of temperature on egg quality during storage. (Per) Zohari, M *Tehran Univ Vet Fac J* 28 (4): 45-62. Eng. Sum. Jan 1973

073684 73.9 T31
Studies on textile insectproofing. II. Substituted phenylthioureas, including fibre-reactive derivatives. [Wool]. Hoskinson, R M *Textile Inst J* 64 (3): 144-152. Ref. Mar 1973

073685 49 T443
Problems related with raw-milk quality. (Ger) Cersovsky, H *Tierzucht* 2((2): 71-74. Feb 1973

073686 41.8 T431
Chances of survival & growth of Enterococci in pasteurized meat products (a review). (Dut) Houben, J H *Tijdschr Diergeneesk* 98 (9): 455-460. Ref. Eng. Sum. May 1, 1973

073687 1 AG84HG
Meat & poultry, standards for you. *U S D A Home Gard Bull* 171 Rev, 6 P. Jan 1973

073688 1 AG84HG
Meat & poultry: clean for you. *U S D A Home Gard Bull* 173 (Rev), 6 P. Jan 1973

073689 1 AG84MR
Food dating: shoppers' reactions & impact on retail foodstores. *U S D A Mkt Res Rep* 984, 46 P. Jan 1973

073690 389.8 V26
Residues of organochlorine pesticiedes & certain organophosphorus pesticides in fruits, berries, vegetables, & roots, 1968 – June 1972. (Swe) Westoo, G *Var Foda* 25 (Suppl. 1), 44 P. Eng. Sum. 1973

073691 41.8 V6416
Residues of organi-chlorine pesticides in samples of milk produced in Slovenia. Komar, M *Vet Arh* 42 (7/8): 209-212. 1972

073692 41.8 C87
Microbiological investigations on lamb kebabs 'torcinelli. (Ita) Corsalini, T *Vet Ital* 23 (7/8): 438-448. July/Aug 1972

073693 41.8 V6426
Evaluating meat of livestock in relation to carbaryl poisoning. (Rus) Antsiferov, S D *Veterinariia* 10: 110-112. Oct 1972

073694 41.8 V6426
Effect of bithionol on milk & meat quality. [Residues]. (Rus) Doroshina, M V *Veterinariia* 10: 112-113. Oct 1972

073695 41.8 V6426
Isolation of Dursban & diazinon from milk. (Rus) Leshchev, V V *Veterinariia* 10: 114-115. Oct 1972

073696 41.9 V83
Biochemical indices of meat of geese infested with helminths as well as cestodes, nematodes & trematodes. (Rus) IAskevich, T F *Vitebsk Vet Inst Uch Zap* 25: 50-56. 1972

073697 389.8 V89
Hygienic assessment of wheat grown in a nerosine treated soi l. (Rus) Gavrilenko, E V *Vop Pitan* 31 (5): 56-60. Sept/Oct 1972

073698 389.8 V89
Hygienic evaluation of DDVP in grain & grain products. (Rus) Sasinovich, L M *Vop Pitan* 31 (5): 60-63. Eng. Sum. Sept/Oct 1972

073699 389.8 V89
Staphylococcal contamination of beef. (Rus) Zagaevskii, I S *Vop Pitan* 31 (5): 64-69. Eng. Sum. Sept/Oct 1972

073700 389.8 V89
Determination of copper & other elements in butter. (Rus) Lovachev, L N *Vop Pitan* 31 (5): 68-71. Eng. Sum. Sept/Oct 1972

073701 389.8 V89
Content of strontium & calcium in foodstuffs from Tomsk Region. (Rus) Adamovich, G G *Vop Pitan* 31 (5): 74-75. Sept/Oct 1972

073702 389.8 V89
Colorimetric determination of quanitity of polychloropinene residues in potatoes. (Rus) Kuchinskii, A L *Vop Pitan* 31 (5): 91-93. Sept/Oct 1972

073703 389.1 W892
Food safety & food poisoning. Genigeorgis, C A *World Rev Nutr Diet* 16: 363-397. Ref. 1973

073704 49 Z6
Distribution & accumulation of mercury in organs & tissues of calves poisoned by Granosan. (Rus) Ardatova, A N *Zhivotnovodstvo* 2: 71-72. Feb 1973

HUMAN NUTRITION

073705 444.8 AC8
Studies on role of protease inhibitor from potato bulbs in digesting protein food. Worowski, K *Acta Physiol Polon* 24 (2): 361-370. Ref. Mar/Apr 1973

073706 11 AL8K
'Organic cooking' – gourmet cooking. (Swe) Andersson, S *Alvsborgs Lans Sodra Hushallningssallsk Tidskr* 3: 18-20. May 1973

073707 389.8 J824
Effect of protein supplementation on hair of chronically malnourished New Guinean schoolchildren. Malcolm, L A *Amer J Clin Nutr* 26 (5): 479-481. May 1973

073708 389.8 J824
Plasma nonessential ao essential amino acid ratio in marasmus. Singh, P I *Amer J Clin Nutr* 26 (5): 484-486. May 1973

073709 389.8 J824
Dietary protein quality in infants & children. IX. Instant sweetened corn-soy-milkblend. Graham, G G *Amer J Clin Nutr* 26 (5): 491-496. May 1973

073710 389.8 J824
Factor analysis of measures of nutritional status of preschool children. Guthrie, H A *Amer J Clin Nutr* 26 (5): 497-502. May 1973

073711 389.8 J824
Metabolic responses of adolescent boys to two levels of dietary magnesium & protein. I. Magnesium & nitrogen retention. Schwartz, R *Amer J Clin Nutr* 26 (5): 510-518. Ref. May 1973

073712 389.8 J824
Metabolic responses of adolescent boys to two levels of dietary magnesium & protein. II. Effect of magnesium & protein level on calcium balance. Schwartz, R *Amer J Clin Nutr* 26 (5): 519-523. Ref. May 1973

073713 389.8 J824
Saturated fat in diet & serum cholesterol concentrattion: a critical examination of literature. Reiser, R *Amer J Clin Nutr* 26 (5): 524-5559 ref. May 1973

073714 389.8 J824
Effect of calorie supplementation on growth of undernourished children. [India]. Gopalan, C *Amer J Clin Nutr* 26 (5): 563-566. May 1973

073715 381 AS7
Calculation of turbidimetric microbiological vitamin assay results, using an APL/360 computer program. Brolund, G V *Ass Offic Anal Chem J* 56 (3): 754-757. May 1973

073716 449.9 P192B
Nutritional rehabilitation programs. (Spa) Bengoa, J M *Bol Of Sanit Panam* 74 (3): 229-241. Ref. Eng. Sum. Mar 1973

073717 449.9 P192B
Dietetic education programs for preschool children. (Spa) Gandra, Y R *Bol Of Sanit Panam* 74 (4): 302-314. Eng. Sum. Apr 1973

073718 389.9 C1632
Foods of future. Stanley, D W *Can Diet Ass J* 34 (1): 12-18. Spring 1973

073719 389.9 C1632
Preference for pork roasted to two internal temperatures. Slusar, M *Can Diet Ass J* 34 (1): 19-20. Spring 1973

073720 RA784.A1C3
Soybean foods for Caribbean. Yang, Y H *Carib Food & Nutr Inst Cajanus* 6 (1): 6-21. Jan/Mar 1973

073721 59.8 C333
New mileposts in nutrition. [Cereals]. Hayden, E B *Cereal Sci Today* 18 (5): 120. May 1973

073722 TP374.C6C6
Corn oil & human nutrition. Ruark, R G *Corn Refiners Assoc Corn Annu* P. 13-15. 1973

073723 TP374.C6C6
Nutritional needs of teenagers. Leverton, R M *Corn Refiners Assoc Corn Annu* P. 16-17. 1973

073724 475 SCI23
Study of mineral nutrient value of greens. Rajkumar, X R *Cur Sci* 42 (9): 317. May 5, 1973

073725 44.8 C124
Lactose intolerance. Whitlock, G *Dairy Scope West Food Merch* 67 (4): 10-11, 14. Apr 1973

073726 TS1950.F5
Functional evaluation of nutrients. (Ger) Kotter, L *Fleischerei* 24 (4): 53, 56. Apr 1973

073727 TX341.F69
Dramatic age of nutrition; how do we feed infants, children, adolescents, adults, elderly? entire field of nutrition is afire with controversy. Willett, R *Food Manage* 7 (1): 54-67. Aug/Sept 1972

073728 TX341.F69
Nutrition is only as good as it tastes. *Food Manage* 7 (1): 98-100. Aug/Sept 1972

073729 TX341.F69
Uncle sam feeds his children. *Food Manage* 7 (2): 52-56. Oct/Nov 1972

073730 TX341.F69
Directions '73. [Food, cookery]. Willett, R *Food Manage* 8 (1): 36-40, 124. Jan 1973

073731 TX341.F69
Dietetic training '73. *Food Manage* 8 (1): 46-49. Jan 1973

073732 TX341.F69
School lunch: Alaska style. Dawes, M *Food Manage* 8 (1): 50-52, 54, 56. Jan 1973

073733 TX341.F69
Feeding children. *Food Manage* 8 (2): 32-37. Feb 1973

073734 aTX341.F615
Catching ethnic flavor. [Food habits]. Montoya, B *Food Nutr* 3 (3): 12-15. June 1973

073735 aTX341.F615
School feeding: New Orleans style. [Food habits]. Rhodes, R J *Food Nutr* 3 (3): 6-7. June 1973

073736 389.9 AU7F
Inspiration & information: Making libraries work for food technologists. Johnston, B *Food Preserv Quart* 33 (1): 1-7. Mar 1973

073737 389.9 AU7F
Scoring of taste test data on computer cards. [Food research]. Gipps, P G *Food Preserv Quart* 33 (1): 15-18. Mar 1973

073738 389.9 AU7F
Taste panel techniques. II. A validating technique. [Food research]. Howard, A *Food Preserv Quart* 33 (1): 8-14. Mar 1973

073739 HD9000.1.F64
Utilizable protein: quality & quantity concepts in assessing food. Rosenfield, D *Food Prod Develop* 7 (3):: 57, 60, 62. Apr 1972

073740 HD9000.1.F64
Role of fat as a nutrient. Amen, R J *Food Prod Develop* 7 (4): 42, 44, 46, 48. May 1973

073741 389.8 F7333
Social aspects of nutrition. [Malaysia]. McArthur, M *Food Technol Australia* 25 (3): 154-156. Mar 1973

073742 389.8 F7333
Food service & department of health in New Zealand. Fraser, J S *Food Technol Australia* 25 (4): 184-185, 187. Apr 1973

073743 389.8 F7333
Estimation of protein & evaluation of protein quality by dye-binding procedures, a potential tool for speeding up evaluation of protein sources in developing countries. [Food]. Lakin, A L *Food Technol Australia* 25 (4): 198-199. Apr 1973

073744 S19.G5
Trypsin inhibitor activity of cowpeas (Vigna unguiculata) & bambara beans (Voandzeia subterranea). [Nutritive value]. Owusu-Domfeh, K *Ghana J Agr Sci* 5 (2): 99-102. 1972

073745 17 SCH9
What is too much, is too much. [Human nutrition]. (Ger) Maag, P *Grune* 101 (22): 815-816. June 1, 1973

073746 QP141.A1N4
Nutritional & metabolic aspects of circadian rhythms. Christie, G A *In Albanese, Anthony A. Newer Methods of Nutritional Bioche Mistry* 5: 1-32. Ref. 1972

073747 QP141.A1N4
Dietary carbohydrate: triglyceride interrelationships in man. Macdonald, I *In Albanese, Anthony A. Newer Methods of Nutritional Bioche Mistry* 5: 125-144. Ref. 1972

073748 QP141.A1N4
Influence of nutritional factors on ribosomal dynamics. Spadoni, M A *In Albanese, Anthony A. Newer Methods of Nutritional Bioche Mistry* 5: 145-182. Ref. 1972

073749 QP141.A1N4
Antitrypsin factors. [Soybeans, lima beans, nutritive value]. Couch, J R *In Albanese, Anthony A. Newer Methods of Nutritional Bioche Mistry* 5: 183-195. Ref. 1972

073750 QP141.A1N4
Self-selective alimentation a new experimental model: separate feeding. Peret, J *In Albanese, Anthony A. Newer Methods of Nutritional Bioche Mistry* 5: 197-217. Ref. 1972

073751 QP141.A1N4
Effects of protein quality & quantity on protein utilization. [Human nutrition]. McLaughlan, J M *In Albanese, Anthony A. Newer Methods of Nutritional Bioche Mistry* 5: 33-64. Ref. 1972

073752 QP141.A1N4
Biochemical aspects of protein-calorie malnutrition. Gurson, C T *In Albanese, Anthony A. Newer Methods of Nutritional Bioche Mistry* 5: 65-124. Ref. 1972

073753 QP141.A1J6
Formulation, preparation & evaluation of diets based on recommended allowances for foods & nutrients. Devadas, R P *Indian J Nutr Diet* 10 (1): 1-7. Jan 1973

073754 QP141.A1J6
Acceptance of soybean-enriched wheat flour for use in chapatis. Rathod, K L *Indian J Nutr Diet* 10 (1): 18-26. Jan 1973

073755 QP141.A1J6
Human requirements for minerals & trace elements. Cuthbertson, D P *Indian J Nutr Diet* 10 (1): 31-49. Ref. Jan 1973

073756 QP141.A1J6
Effect of socio-economic differences on dietary intake of urban population in Hyderabad. Thimmayamma, B V S *Indian J Nutr Diet* 10 (1): 8-13. Jan 1973

073757 HD9000.1.I52
Digestion of lactose & problems concerning deficiencies of lactase. [Human nutrition]. (Ita) Finzi, M *Indus Aliment (pinerolo)* 91 (1): 91-93. Jan 1973

073758 389.8 Z33
Thiamine in 1970 Australian diet with special reference to cereals & assessment of thiamine status. Woodhill, J M *Int J Vitam Nutr Res* 42 (3): 435-443. Ref. 1972

073759 389.8 Z33
Tissue distribution of labelled material in vitamin C-defecient guinea pigs after intravenous injection of [1-14C] [carbon] ascorbic acid or [1-14C] dehydroascorbic acid. [Human nutrition]. Hornig, D *Int J Vitam Nutr Res* 42 (4): 511-523. Ref. 1972

073760 389.8 Z33
Tolerance of higher ascorbic acid doses. (Ger) Korner, W F *Int J Vitam Nutr Res* 42 (4): 528-544. Ref. Eng. Sum. 1972

073761 389.8 Z33
Vitamin B content of baby foods: effect of storage. (Fre) Karlin, R *Int J Vitam Nutr Res* 42 (4): 545-554. Eng. Sum. 1972

073762 389.8 Z33
Vitamin A overdoses. II. Cytological & biochemical changes in blood of rats given high doses of vitamin A with or without alpha tocopherol. (Ger) Soliman, M K *Int J Vitam Nutr Res* 42 (4): 576-582. Ref. Eng. Sum. 1972

073763 389.8 Z33
Use of micro-algae in human nutrition. I. Nutrition study of food with algae content in Thailand. (Ger) Feldheim, W *Int J Vitam Nutr Res* 42 (4): 600-606. Eng. Sum. 1972

073764 241.4 IN73
Methodologies for a multidisciplinary analysis of malnutrition. (Spa) Valenzuela Segura, G *Ilt Technol (inst Invest Technol)* 14 (79): 8-19. Sept/Oct 1972

073765 44.8 J822
Enzymes in bovine milk: a review. Shahani, K M *J Dairy Sci* 56 (5): 531-543. Ref. May 1973

073766 TX341.J6
Methods & kinds of nutrition education (1961 – 72): a selected annotated bibliography. Wilson, C *J Nutr Educ* 5 (1, Suppl. 2): 77-107 P. Jan/Mar 1973

073767 382 SO12
Nutritive value & baking properties of bread supplemented with Candida utilis. Yanez, E *J Sci Food Agr* 24 (5): 519-525. Ref. May 1973

073768 275.29 M66S
Beef for you. Epley, R *Minn Univ Ext Ext Bull* 369, Rev, 7 P. 1973

073769 275.29 M66S
Pork for you. Epley, R *Minn Univ Ext Ext Bull* 376, 11 P. 1973

073770 TS2120.M6
Bread consumption in Brazil. (Spa) Araujo, A F *Molineria Panaderia* 68 (757): 63-64. Apr 1973

073771 TX341.N825
Food for thinking. [Malnutrition]. Dobbing, J *Nutr Food Sci* 31: 2-4. Apr 1973

073772 20.5 P84
Methodical problems of current estimates of nutrition standard. (Pol) Kos, C *Postepy Nauk Roln* 19 (6): 141-160. Nov/Dec 1972

073773 14 P944
Milk, a health factor. (Fre) Didier, A *Propr Terrienne* 25 (294): 210-211. June 1972

073774 14 P944
Pollen, a dietetic food. (Fre) Peetermans, M *Propr Terrienne* 25 (294): 216-217. June 1972

073775 14 P944
Drink milk regularly. (Fre) Didier, A *Propr Terrienne* 25 (295): 250-251. July 1972

073776 SF221.S6
Fruit juice-flavoured milk, a healthy beverage. Luck, H *S Afr J Dairy Technol* 5 (1): 47-52. Mar 1973

073777 100 SO82 (1)
Second day dishes from venison roasts. Deethardt, D *S Dak Agr Exp Sta Bull* 607, 14 P. Apr 1973

073778 389.8 SCH6
Nutrient standards compete with type A. [school lunches]. *Sch Foodserv J* 27 (5): 47, 49-52. May 1973

073779 389.8 SCH6
Students come first at St. Olaf. [Minnesota, food service]. Zuhlke, J *Sch Foodserv J* 27 (5): 54-56. May 1973

073780 65.8 SE4
Sugar consumption & a healthy diet. (Tur) Omay, B *Seker* 23 (86): 66-69. Jan 1973

073781 9.4 SO1
Food: Bad utilization of resources, proclaims Institute for Development of Renewable Natural Resources. [Colombia]. (Spa) Munoz, H *Soc Antioquena Agr Bol Agr* 624: 12891-12895. Nov/Dec 1972

073782 65.8 J82
Problems in diets & nutrition. (Fre) Bour, H *Sucrerie Franc* 114 (4): 175-178. Apr 1973

073783 298.8 SE42
Rice: a genuine food. (Ita) Ciusa, W *Tec Molitoria* 23 (24): 777-782. Dec 30, 1972

073784 298.8 SE42
Symposium on macaroni, most important Italian dish. (Ita) Alberini, M *Tec Molitoria* 24 (4): 65-75. Feb 1973

073785 1 AG84PRO
Careers in Food & Nutrition Service dept. of agriculture. *U S D A Pa* 1036 (Rev), 8 P. Apr 1973

073786 386.3 B54
Influence of penicillamine on phospholipid metabolism. [Diet]. (Jap) Abe, M *Vitamins (Nagoya)* 47 (1): 43-50. Ref. Eng. Sum. Jan 1973

073787 389.8 V85
Nutrition notes – nutrition education. (Dut) Hartog, C den *Voeding* 34 (2): 44-45. Feb 15, 1973

073788 389.8 V85
Results of some sociological studies on nutrition education. (Dut) Klinkert, L M *Voeding* 34 (2): 45-49. Feb 15, 1973

073789 389.8 V85
Nutrition research involving 2000 Dutch households. XIII. (Dut) Schaik, F S M van *Voeding* 34 (2): 50-53. Feb 15, 1973

073790 389.8 V85
Nutrition in Netherlands, 1960/1969. (Dut) Mulder, T *Voeding* 34 (2): 54-97. Feb 15, 1973

073791 SF191.W6
Animal proteins in human nutrition. Rao, M N *World Anim Rev* 5: 38-42. 1973

073792 389.1 W892
Nutrition in early childhood. Jelliffe, D B *World Rev Nutr Diet* 16: 1-21. Ref. 1973

073793 389.1 W892
Undernutrition. McLaren, D S *World Rev Nutr Diet* 16: 141-178. Ref. 1973

073794 389.1 W892
Overnutrition. Young, C M *World Rev Nutr Diet* 16: 179-202. Ref. 1973

073795 389.1 W892
Nutrition & infection. Taylor, C E *World Rev Nutr Diet* 16: 203-225. Ref. 1973

073796 389.1 W892
Nutrition during pregnancy. Thomson, A M *World Rev Nutr Diet* 16: 22-45. Ref. 1973

073797 389.1 W892
Nutrition & oral problems. Nizel, A E *World Rev Nutr Diet* 16: 226-252. Ref. 1973

073798 389.1 W892
Prospects for improving world food supply & nutrition. Paarlberg, D *World Rev Nutr Diet* 16: 283-285. Ref. 1973

073799 389.1 W892
Food habits, food faddism & nutrition. Todhunter, E N *World Rev Nutr Diet* 16: 286-317. Ref. 1973

073800 389.1 W892
Nutrition in food processing. Chichester, C O *World Rev Nutr Diet* 16: 318-333. Ref. 1973

073801 389.1 W892
Reviews relating to food, nutrition & health; a selected bibliography. Rechcigl, M *World Rev Nutr Diet* 16: 398-445. 1973

073802 389.1 W892
Nutrition & aging in technically underdeveloped societies. Watkin, D M *World Rev Nutr Diet* 16: 46-58. Ref. 1973

073803 389.1 W892
Nutrition & physical performance. Astrand, P O *World Rev Nutr Diet* 16: 59-79. Ref. 1973

073804 389.1 W892
Nutrition & behavior & learning. Cravioto, J *World Rev Nutr Diet* 16: 80-96. Ref. 1973

073805 389.1 W892
Nutrition & disease. Gopalan, C *World Rev Nutr Diet* 16: 97-140. Ref. 1973

HOME ECONOMICS

073806 100 N27N
Carpet flammability tested. [Textiles]. Scruggs, B *Q Serv Farm Ranch & Home Univ Nebr, Coll Agric* 20 (1): 17. Spring 1973

AGRICULTURAL PRODUCTS — GENERAL

073807 S1.A33
Modern brewing with corn syrup. Schopmeyer, H H *Agri/ind News* 5 (1): 1-2, 4. Apr 1973

073808 303.9 AM32
Tannin removal & recovery from vegetable tanning waste liquor. Briggs, T M *Amer Leather Chem Ass J* 68 (5): 176-188. Ref. May 1973

073809 448.3 AN72
Microbe as a source of food. Kihlberg, R *Annu Rev Microbiol* 26: 427-466. Ref. 1972

073810 QD471.A1J5
Thiolation of starch & other polysaccharides. Trimnell, D *Appl Polym Sci J* 17 (5): 1607-1615. Ref. May 1973

073811 449.8 AR2
'Fleece cloth' -a modern type of aid for hygiene in food industry. (Ger) Ruschke, R *Arch Hyg Bakteriol* 157 (2/3): 271-276. Ref. Eng. Sum. May 1973

073812 TP500.I5
Survey & glance of certain problems presently posed in fermentation industries in Eastern & Western Europe. (Fre) Gaeng, F E *B.I.F. (assoc Anc Eleves Inst Indus Ferment Brux)* 15 (102): 118-119, 121, 123, 125, 128, 130, 132, 134-135. 1972

073813 390.8 B732
Addition of spent hops & dregs during mashing. 1. Time selection & effect of variable higher hop doses of first boiling. (Ger) Narziss, L *Brauwelt* 113 (24): 516-522, 524. Apr 6, 1973

073814 390.8 B732
Conventional & rapid fermentation procedures: Technoology & economics. [Bear]. (Ger) Reuschl, W *Brauwelt* 113 (35): 735-742. Eng. Sum. May 18, 1973

073815 390.8 B732
Re-use of hop 'trub'. 2. Trials with different hop preparations & variations in their mode of addition. (Ger) Narziss, L *Brauwelt* 113 (35): 758-761, 764-766. Eng. Sum. May 18, 1973

073816 390.8 B732
Composition of amino acids in different malt fractions. (Ger) Madl, B *Brauwelt* 113 (35): 770-776. Eng. Sum. May 18, 1973

073817 390.8 B732
Cooperative research in brewing industry. (Ger) Daigliesh, C E *Brauwelt* 113 (35): 777-782. Eng. Sum. May 18, 1973

073818 S13.B7
Analysis of pollen in honey of northeast Moravia. (Cze) Kropacova, S *Brno Acta Univ Agr Fac Agron* 20 (3): 455-461. 1972

073819 QD321.C4
On possibility of using rice straw, bagasse & reed pulps in manufacture of some grades of paper. Obrocea, P *Cellul Chem Technol* 7 (1): 135-150. 1973

073820 309.8 C334
Possibilities of using pulps of rice straw & bagasse in manufacturing of some paper grades. (Rom) Ahmed, A M *Celuloza Hirtie* 22 (1): 15-19. Eng. Sum. Jan 1973

073821 309.8 C334
Application of chlorine number in view of evaluation of lignine content of pulps prepared from plants. (Rom) Serban, S *Celuloza Hirtie* 22 (2): 59-64. Eng. Sum. Feb 1973

073822 385 T57C
Utilization of low temperature liquid nitrogen in food processing, solid waste disposal & civil engineering. (Jap) Suzuki, I *Chem & Chem Ind (tokyo)* 26 (4): 130-133. Apr 1973

073823 389.8 C762
Influence of glucose syrup & other carbohydrates on physical properties & shelf life of caramels; toffees; fudge. Jackson, E B *Confect Prod* 39 (4): 207-210. Apr 1973

073824 389.8 C762
Confectionery ingredients; refractive indices of carbohydrate solutions. II. Cakebread, S H *Confect Prod* 39 (4): 212-214, 218. Apr 1973

073825 389.8 C762
Recent developments in chewing gum, bubble gum & sugarless chewing sweets. I. Slawatycki, A *Confect Prod* 39 (4): 216-218. Apr 1973

073826 389.8 C762
Recent developments in chewing gum, bubble gum & sugarless chewing sweets. II. Slawatycki, A *Confect Prod* 39 (5): 262-264, 267. May 1973

073827 389.8 C762
Confectionery ingredients; refractive indices of carbohydrate solutions. III. Cakebread, S H *Confect Prod* 39 (5): 265-267. May 1973

073828 389.8 D482
A quick method for determination of benz(a)pyrene in smoke aroms. [Food]. (Ger) Rijk, M A H *Deut Lebensmittelrundsch* 69 (2): 75-78. Ref. Eng. Sum. Feb 1973

073829 44.8 SU2
Packaging activities of German Agricultural Association. (Ger) Doch, G *Deut Molk-zeitung* 94 (19): 722-724. May 10, 1973

073830 QD1.E3
Chromatographic examination of fats & oils. Vaughan-Williams, H R *Educ Chem* 9 (5): 182. Sept 1972

073831 290.9 M57
Model determination of tasks of food industrial enterprises. (Hun) Endrodi, J *Elelmezesi Ipar* 2((3): 78-82. Eng. Sum. Mar 1973

073832 290.9 M57
Synthetic foods. (Hun) Spanyar, P *Elelmezesi Ipar* 27 (3): 69-73. Eng. Sum. Mar 1973

073833 290.9 M57
Buildings of light construction in food industries. (Hun) Szabo, F *Elelmezesi Ipar* 27 (3): 73-77. Eng. Sum. Mar 1973

073834 TP450.A1F55
Position of soft drinks in Common Market. Dieperink, H W E *Flavour Ind* 4 (3): 112-113. Mar 1973

073835 TP450.A1F55
Additives for soft drinks. Barber, A L *Flavour Ind* 4 (3): 114, 116, 118. Mar 1973

073836 TP450.A1F55
What is a kola drink? Knights, J *Flavour Ind* 4 (3): 118, 120. Mar 1973

073837 TP450.A1F55
Pop drinks. [Wine, beer]. Esmond, A W G *Flavour Ind* 4 (3): 120-121. Mar 1973

073838 TP450.A1F55
Alcoholic & ' industrial' beverages & their use in food products. Davey, J W F *Flavour Ind* 4 (3): 121-122. Mar 1973

073839 280.38 F62
Determination of antibiotic mixtures in ultra-micro scale by means of a new method of 'short-time, low tension electrophoresis'. (Ger) Langner, H J *Fleischwirtschaft* 53 (4): 557-559. Eng. Sum. Apr 1973

073840 389.8 F736
Advances in brewing technology. Hudson, J R *Food Manufacture* 48 (4): 23-24, 27-28. Ref. Apr 1973

073841 389.8 F736
Utilisation of blood. [Slaughter-house waste, Food, feed]. Akers, J M *Food Manufacture* 48 (4): 31-32. Apr 1973

073842 389.8 F736
Versatility of hydrolysed proteins. Prendergast, K *Food Manufacture* 48 (4): 37,-39,57. Apr 1973

073843 389.9 AU7F
Inspiration & information: Making libraries work for food technologists. Johnston, B *Food Preserv Quart* 33 (1): 1-7. Mar 1973

073844 389.9 AU7F
Water in vapour phase & its interactions with foods. [Storage]. Szulmayer, W *Food Preserv Quart* 33 (1): 19-25. Ref. Mar 1973

073845 HD9000.1.F64
Aroma & flavor of farm-raised channel catfish: effects of pond condition, storage, & diet. Maligalig, L L *Food Prod Develop* 7 (4): 86, 88, 90, 92. May 1973

073846 HD9000.1.F64
Immobilized enzymes: some applications to foods & beverages. II. Applications. Weetall, H H *Food Prod Develop* 7 (4): 94, 96, 98, 100. May 1973

073847 80 F9492
Synthetic sweeteners & natural sweeteners: Future prospects. (Fre) Dupaigne, P *Fruits* 28 (1): 51-64. Ref. Eng. Sum. Jan 1973

073848 80 F9492
Tenth meeting of Technical Committee ISO/TC 54 'Essential oils'. (Fre) Huet, R *Fruits* 28 (1): 65-66. Jan 1973

073849 S19.G5
Riboflavin content of some fermented foods of Ghana. Ankrah, E K *Ghana J Agr Sci* 5 (2): 95-98. 1972

073850 424.8 G47
Mead-storage & aging. Morse, R A *Gleanings Bee Cult* 101 (5): 148-149. May 1973

073851 68.8 G65
Metallized plastics – new impulse on market of packaging materials. [Food industry]. (Ger) Siebrecht, *Gordian* 73 (5): 178, 180. May 1973

073852 68.8 G65
Methods of random testing in food industry. II. Statistical tests. (Ger) Hengst, M *Gordian* 73 (5): 182, 184. (Continued) May 1973

073853 68.8 G65
Food additives: recent developments in food industry. Pilnik, W *Gordian* 73 (5): 208-214. (Continued) May 1973

073854 58.8 G92
Deep freezing of food. (Ger) Weisser, H *Grundlagen Landtech* 22 (2): 54-58. 1972

073855 451 P87
Water sorption cy crude drugs. II. Fructus juniperi Fructus carvi, Herba equiseti, Cortex frangulae. (Pol) Kaczmarek, F *Herba Pol* 18 (4): 346-356. Eng. Sum. Dec 1972

073856 280.39 IN22
Inspection of agriculture & vegetable seeds, July 1, 1971 – June 30, 1972. *Ind Agr Exp Sta Insp Rep* 93, 32 P. 1972

073857 HD9000.1.I52
Honey & molasses solids, new functional sweeteners for baking. (Ita) *Indus Aliment (pinerolo)* 92 (2): 74-76. Feb 1973

073858 389.8 K832
Modern ingredients for food industry. (Ger) Schropp, K *Indus Obst& Gemuseverwert* 58 (9): 235-238. May 3, 1973

073859 389.8 K832
Frimulsion – a modern stabilizer for food industry. (Ger) Kramer, G H *Indus Obst& Gemuseverwert* 58 (9): 246-249. May 3, 1973

073860 390.9 IN7
Measurement of fermentable sugars. [Worts, beer, syrup]. Buckee, G K *Inst Brewing J* 79 (1): 61-64. Jan/Feb 1973

073861 390.9 IN7
Strains of yeast lethal to brewery yeasts. Maule, A P *Inst Brewing J* 79 (2): 137-141. Ref. Mar/Apr 1973

073862 390.9 IN7
Fatty acids in isomerized hop extracts & gushing. Sandra, P *Inst Brewing J* 79 (2): 142-147. Mar/Apr 1973

073863 390.9 IN7
Control of oxygen in beer processing. Nielsen, H *Inst Brewing J* 79 (2): 147-154. Ref. Mar/Apr 1973

073864 390.9 IN7
A method for estimating total polyphenols in beer. Ng, E *Inst Brewing J* 79 (2): 165-169. Ref. Mar/Apr 1973

073865 390.9 IN7
Annual report of Institute of Brewing. *Inst Brewing J* 79 (2): 89-133. Mar/Apr 1973

073866 389.8 Z33
Survey of trace elements in food. VII. Selenium. (Ger) Schlettwein-Gsell, D *Int J Vitam Nutr Res* 42 (4): 607-617. Ref. Eng. Sum. 1972

073867 389.8 Z33
Trace elements in food. X. Molybdenum. (Ger) Schlettwein-Gsell, D *Int J Vitam Nutr Res* 43 (1): 110-119. Ref. 1973

073868 389.8 Z33
Trace elements in food. IX. Boron. (Ger) Schlettwein-Gsell, D *Int J Vitam Nutr Res* 43 (1): 93-109. Ref. 1973

073869 389.8 Z33
A new procedure for determination of thiamine in foods. Nobile, S *Int J Vitam Nutr Res* 43 (3): 44404509 1972

073870 S19.I78
Goose industry in Israel. Adam, Z B *Isr Agric* P. 47-49. Spring 1973

073871 241.4 IN73
Industrialization of coconut fiber. (Spa) Goncora C, J B *IIt Technol (inst Invest Technol)* 14 (79): 25-32. Ref. Sept-/Oct 1972

073872 241.4 IN73
Systems of management, storage & transportation of perishable food products refrigerated for exportation. (Spa) Valenzuela Segura, G *IIt Technol (inst Invest Technol)* 14 (79): 33-44. (Contunued) Sept/Oct 1972

073873 241.4 IN73
Parallel lines for identical processing & their incidence on economic attractiveness. [African oilpalm]. (Spa) Flechas R, G H *IIt Technol (inst Invest Technol)* 80: 8-18. Nov/Dec 1972

073874 475 J824
An improved technique for analysis of amino acids & related compounds on thin layers of cellulose. VIII. characterization of leucyl & isoleucyl dipeptides by thin-layer & ion-exchange chromatography. Heathcote, J G *J Chromatography* 79: 187-193. May 16, 1973

073875 475 J824
Frontal elution liquid chromatography of a 'total artefacts' peak in frying oils. Aitzetmuller, K *J Chromatography* 79: 329-334. Ref. May 16, 1973

073876 475 J824
Gas chromatography of flavonoids. Katagi, T *J Chromatography* 79: 45-56. Ref. May 16, 1973

073877 475 J824
Gas chromatographic-mass spectrometric analyses of 'flavory' & 'non-flavory' Ceylon black tea aroma concentrates prepared by two different methods. Wickremasinghe, R L *J Chromatography* 79: 75-80. Ref. May 16, 1973

073878 448.3 J823
Gluconic acid-producing bacteria from honey bees & ripening honey. [Gluconobacter, Apis mellifera]. Ruiz-Argueso, T *J Gen Microbiol* 76 (1): 211-216. Ref. May 1973

073879 TP500.K8
Effects of stabilizers upon changes taking place in composition of beer in course of afterfermentation & pasteurization. (Cze) Basarova, G *Kvasny Prum* 19 (3): 50-58. Mar 1973

073880 TP500.K8
Improving the efficiency of whirling vats. [Brewing]. (Cze) Stichauer, J *Kvasny Prum* 19 (3): 54-55. Mar 1973

073881 TP500.K8
New systems & technologic processes applied in malting industry abroad. (Cze) Janatka, F *Kvasny Prum* 19 (3): 55-57. Ref. Mar 1973

073882 TP500.K8
Comparison of direct & indirect heating systems for malt driers with 2 x 24 hr operating cycle. (Cze) Macek, H *Kvasny Prum* 19 (3): 58-59. Mar 1973

073883 TP500.K8
Determination of biologic efficiency of synthetic desthiobiotin. [Wine manufacture]. (Cze) Rut, A *Kvasny Prum* 19 (3): 60-61. Mar 1973

073884 S583.L32
Automated determination of total higher alcohols in wines, brandies & spirits. Le Roux, J *Landbouwet S-Afr Agric Sci S Afr Agrochemophys* 4 (2): 25-30. 1972

073885 TP368.L42
Possibilities to increase solution speed of instatt beverage powder. [Coffee]. (Ger) Tscheuschner, H D *Lebensm Ind* 20 (3): 118-120. Eng. Sum. Mar 1973

073886 TP368.L42
Influence of material reserves on stability of production processes. [Food industry]. (Ger) Strauss, W *Lebensm Ind* 20 (4): 153-156. Eng. Sum. Apr 1973

073887 TP368.L42
Determination of solution speed of instant malt coffee by an electric measuring method. (Ger) Du, D *Lebensm Ind* 20 (4): 167-170. Eng. Sum. Apr 1973

073888 390.9 L93
Statement of methods of determination of polyphenols in brewing. [Beer]. (Fre) Jerumanis, J *Louvain Univ Ass Anciens Etud Brass Bull* 69 (1): 1-14. Ref. Mar 1973

073889 390.9 M39T
Determination of trans-2-nonenal in stale beer. Withycombe, D A *Master Brewers Ass Amer Tech Quart* 10 (2): Xix-xx. Apr/June 1973

073890 390.9 M39T
Role of polyphenols & non-volatiles in beer quality. Dadic, M *Master Brewers Ass Amer Tech Quart* 10 (2): 69-73. Ref. Apr/June 1973

073891 390.9 M39T
Determination of beer flavor compounds by high pressure liquid chromatography. Charalambous, G *Master Brewers Ass Amer Tech Quart* 10 (2): 74-78. Apr-/June 1973

073892 390.9 M39T
Brewing adjuncts & industrial enzymes. Wieg, A J *Master Brewers Ass Amer Tech Quart* 10 (2): 79-86. Ref. Apr/June 1973

073893 390.9 M39T
Time-thermal transfer study of a brew kettle. I. [Beer quality]. Moll, M *Master Brewers Ass Amer Tech Quart* 10 (2): 87-93. Apr/June 1973

073894 390.08 V67
Control of oxygen & its influence on quality of beer. (Ger) Niefind, H J *Mitt Versuchsstn Garungsgewerbe Wien* 27 (2): 24-31. Ref. Feb 1973

073895 390.08 V67
Influence of drying & storage on changes of carbohydrate content & enzymatic activity of bakers' yeast. (Ger) Bachmann, B *Mitt Versuchsstn Garungsgewerbe Wien* 27 (3): 45-47. Mar 1973

073896 390.08 V67
Brewing technology in changing times [Beer]. (Ger) Puspok, J *Mitt Versuchsstn Garungsgewerbe Wien* 27 (3): 47-54. Mar 1973

073897 100 N45ST
Inspection of commercial feedingstuffs, 1971 – 72; commercial fertilizers, 1972; agricultural & vegetable seeds, 1972. *N H Agr Exp Sta State Serv Rep* 33, 31 P. Dec 1972

073898 308.9 OR3
Constituents of horseweed oil. [Conyza canadensis]. Teranishi, R *Oreg Essent Oil Growers League Proc* 24: 67-68. 1973

073899 QK99.A1P5
On plant products presently furnished in drugs. (Fre) Bezanger-Beauguesne, L *Plant Med Phytother* 7 (1): 15-32. Jan 1973

073900 TP368.P72
Institute of food Science & Technology & its activity in field of brewing industry. (Cro) Ozimec, S *Prehambeno-tehnol Rev* 10 (1): 10-11. Eng. Sum. 1972

073901 TX341.Q5
Time/temperature controls of FF designed for product protection. [Frozen Foods]. Ware, M S *Qhick Frozen Foods Int* 14 (4): 158-162. Apr 1973

073902 68.28 R322
Is your production in good condition?: Practical recommendations for maintenance & operation of a humid production. [Coffee]. (Spa) Menchu, J F *Rev Cafetalera* 122: 11-30. Feb 1973

073903 68.38 R32
Studies on grinding of cacao beans kernels. (Ger) Niediek, E A *Rev Int Choc* 28 (2): 30, 32-36. Feb 1973

073904 68.38 R32
Enthalpy curves: Resource for estimation of processing properties of fat & fat mixtures. [Cocoa butter]. (Ger) Kleinert, J *Rev Int Choc* 28 (3): 54, 56-58, 64-66, 68-69. Ref. 1973

073905 68.38 R32
Studies on grinding of cocoa bean kernels. (Ger) Niediek, E A *Rev Int Choc* 28 (3): 72, 74-77. 1973

073906 68.38 R32
Refining cocoa mass on high speed agitation bead mills. Durr, H *Rev Int Choc* 28 (4): 96, 98, 100-104. Apr 1973

073907 SB267.A1R4
Engineering aspects of cocoa drying in Brazil. [Cacao]. Ghosh, B N *Rev Theobroma* 2 (4): 23-37. Ref. Oct/Dec 1972

073908 286.85 D48
Gelatin in food industry. (Ger) Stenczek, D *Schlacht Viehhof-ztg* 73 (4): 131-133. Ref. Apr 1973

073909 470 SCI2
Irradiated food. Diehl, J F *Science* 180 (4082): 214-215. Ref. Apr 13, 1973

073910 309 ST22
A comparison of starch granules as seen by both scanning electron & ordinary light microscopy. Hall, D M *Starke* 25 (4): 119-123. Ref. Apr 1973

073911 S13.S9
Determination of fish meat peptides in technological processes. (Pol) Kolakowski, E *Szczecin Wyzsza Szk Roln Rozpr* 32, 101 P. Ref. Eng. Sum. 1973

073912 302.8 T162
Ultraviolet spectral determination of lignin. [Kenaf]. Bagby, M O *Tappi (Tech Ass Pulp Pap Indus)* 56 (4): 162-163. Ref. Apr 1973

073913 TX341.T4
Preservation of fruits & vegetables: How it is investigated in England. (Spa) Namor, M S *Tecnol Aliment* 6 (35/36): 6. Sept/Dec 1972

073914 389.8 V89
Determination of mineral elements in some foodstuffs. I. Determination of trace elements by means of atom absorption spectrophotometry. (Rus) Andriushchenko, A V *Vop Pitan* 1: 80-83. Jan/Feb 1973

073915 389.8 V89
Content of iodide in some food produocts of vegetable origin cultivated in Tomsk District. (Rus) Savina, P N *Vop Pitan* 31 (5): 77-78. Sept/Oct 1972

073916 64.9 W26
Technological problems associated with post-harvest dormancy in barley. [Germination, malting]. (Pol) Kowalska, M *Warsaw Inst Hodowli Aklim Rosl Biul* 3/4: 199-202. Ref. Eng. Sum. 1972

073917 389.9 W26
Adaptation of o-phenanthroline method for determination of ferric & ferrous cation content in enriched dried baby food. (Pol) Pordab, Z *Warsaw Inst Lab Badaw Przlem Spozyw Pr* 22 (4): 617-624. Eng. Sum. 1972

073918 389.9 W26
Estimation of applicability of various kinds of active carbon to decoloring of protein hydrolyzate used in chicken broth. (Pol) Switek, H *Warsaw Inst Lab Badaw Przlem Spozyw Pr* 22 (4): 625-640. Eng. Sum. 1972

073919 95.8 W73
Secondary fermentation in casks & in bottles. [Wine manufacture]. (Ger) Epp, F *Winzer* 29 (4): 81-82. Apr 1973

073920 389.1 W892
Food additives. Sapeika, N *World Rev Nutr Diet* 16: 334-362. Ref. 1973

073921 384 Z39
Nonenzymic browning. V. Effect of hydrogen peroxide on the destruction of brown pigments in model systems. Pokorny, J *Z Lebensmittel-untersuchung - Forsch* 151 (5): 305-309. Ref. 1973

073922 384 Z39
Critical evaluation of Benedek's method for determination of total pigment content in paprika. (Ger) Andre, L *Z Lebensmittel-untersuchung -Forsch* 151 (5): 320-325. Eng. Sum. 1973

073923 20.5 Z5
Proand antioxidant effects of some amino acids upon fish oil. Jurewicz, I *Zeszyty Probl Postepow Nauk Roln* 136: 119-122. 1973

DAIRY PRODUCTS

073924 442.9 AK132
Preparing nutrient media from various groups of bentonite for comparative study of microflora in milk. (Aze) Gasanov, S *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 3: 127-130. Ref. 1972

073925 44.8 AM38
Constant temperature control. [Milk]. Nielsen, V H *Amer Dairy Rev* 35 (5): 25, 46-47. May 1973

073926 44.8 AM38
What's new in automated ice cream production? Jolly, J M *Amer Dairy Rev* 35 (5): 38B, 38D, 38F. May 1973

073927 25 AR1
Monthly variation in fat & solids-not-fat of Holstein & Jersey milk in Philippines caused by season of year. [Cattle]. Samala, B J *Araneta J Agr* 19 (1): 7-24. Ref. Jan/Mar 1972

073928 381 AS7
Collaborative study of Foss-Milko-tester method for measuring fat in milk. Shipe, W F *Ass Offic Anal Chem J* 56 (3): 538-540. May 1973

073929 381 B522
Purified bovine milk (lipoprotein) lipase: activity against lipid substrates in absence of exogenous serum factors. Egelrud, T *Biochim Biophys Acta* 306 (1): 115-127. Ref. Apr 13, 1973

073930 HD9275.A2C9
Quality & yield of cottage cheese made with a combination of low acid starters & preacidified skimmilk. Martin, J H *Cult Dairy Prod J* 8 (2): 12-13. May 1973

073931 389.8 IC2
Utilization of cottage cheese whey in ice cream. Igoe, R S *Dairy Ice Cream Field* 156 (5): 61-62, 66, 68. May 1973

073932 44.8 C124
Milk coagulants: chantes. Babel, F J *Dairy Scope West Food Merch* 67 (4): 16-17, 22. Apr 1973

073933 44.8 D1444
Pass butter. Hart, C K *Dairy Top* 18 (1): 26-30. Jan 1973

073934 389.8 D482
A new clarifying reagent for flame photometric determination of calcium content of milk. (Ger) Sarudi, I *Deut Lebensmittel-rundsch* 69 (2): 83-85. Feb 1973

073935 44.8 SU2
On systematics of hygienic & technologically important bacteria in dairy science. (Ger) Reuter, G *Deut Molk-zeitung* 94 (17): 644-646, 648, 650, 653-655. Ref. Apr 26, 1973

073936 44.8 SU2
Utilization of plastics in packing milk & liquid milk products. (Ger) Stange, K *Deut Molk-zeitung* 94 (19): 726-728, 730, 732-733. May 10, 1973

073937 44.8 M736
Outstanding position of sour milk cheese as mirrored in quality evaluation of German Agricultural Association. (Ger) Becker, F *Dtsch Milchwirtsch* 24 (13): 429-430. Mar 3, 1973

073938 475 EX7
Activation of nisin production by UV [ultra violet]-irradiation in a nisin-producing strain of Streptococcus lactis. [Cheese]. Kalra, M S *Experientia* 29 (5): 624-625. May 15, 1973

073939 HD9000.1.F64
Effects of nonfat milk solids and stabilizers on body, texture and water retention in low-fat dairy spreads. Spurgeon, K R *Food Prod Develop* 7 (3): 34, 36, 43-44. Ref. Apr 1972

073940 HD9000.1.I52
Butter & its quality. (Ita) Sadini, V *Indus Aliment (pinerolo)* 91 (1): 81-84. Jan 1973

073941 44.8 IN26
Perspectives of world trip: Europe. V. [Dairy industry]. (Spa) Casale, J C *Indus Leche* 54 (629): 34-38. Jan/Feb 1973

073942 381 J8223
Lactase & other enzymes bound to a phenol-formaldehyde resin with glutaraldehyde. [Mild]. Olson, A C *J Agr Food Chem* 21 (3): 440-445. Ref. May/June 1973

073943 44.8 J822
Enzymes in bovine milk: a review. Shahani, K M *J Dairy Sci* 56 (5): 531-543. Ref. May 1973

073944 44.8 J822
Milk ultracentrifugal opalescent layer. I. Composition as influenced by heat, temperature, & pH [hydrogen-ion concentration]. Morr, C V *J Dairy Sci* 56 (5): 544-552. Ref. May 1973

073945 44.8 J822
Interference of some pesticides in milk phosphatase pasteurization test. Kumar, P *J Dairy Sci* 56 (5): 553-557. Ref. May 1973

073946 44.8 J822
TS-A2, TS-B, R-, & S-caseins: their isolation, composition, & relationship to beta and gamma-casein polymorphs A2 & B. Groves, M L *J Dairy Sci* 56 (5): 558-568. Ref. May 1973

073947 44.8 J822
Trends & needs in dairy industry. Hodgson, R E *J Dairy Sci* 56 (5): 614-620. May 1973

073948 44.8 J822
Abstracts of papers to be presented at sixty-eighth annual meeting of American Dairy Schience Association, Washington State University, Pullman June 24-27, 1973. *J Dairy Sci* 56 (5): 621-684. May 1973

073949 449.8 J824
Recent developments in pasteurization of grade 'A' milk & milk products. Dickerson, R W *J Environ Health* 35 (6): 560-564. Ref. May/June 1973

073950 381 J8282
Hydrocarbons & plyyclorinated biphenyls from insaponifiable fraction of anhydrous milk fat. Flanagan, V P *J Lipid Res* 14 (3): 306-311. Ref. May 1973

073951 49 N62
Studies on forms of casein micelles. III. Influences of urea & acetamide. [Milk]. (Jap) Ando, K *Jap J Zootech Sci* 44 (3): 129-142. Eng. Sum. Mar 1973

073952 49 N62
Influences of temperature & urea on casein micelle components. [Milk]. (Jap) Watanabe, M *Jap J Zootech Sci* 44 (3): 148-154. Ref. Eng. Sum. Mar 1973

073953 TP368.L42
Results of trial of a new composite film for sliced cheese. (Ger) Muller, H *Lebensm Ind* 20 (3): 121-122. Mar 1973

073954 44.8 M26
Experimental activities concerning butter & related dairy products. (Dan) Pedersens, A H *Maelkeritidende* 86 (13/15): 365-369. Apr 13, 1973

073955 44.8 M26
Effect of storage temperatures on quality of yogurt. (Dan) Jorgensen, H *Maelkeritidende* 86 (13/15): 371-373. Apr 13, 1973

073956 44.8 M26
Influence of adding potassium nitrate & of pasturization on quality of cheese. (Dan) Ullum, J A *Maelkeritidende* 86 (3): 68-71. Jan 19, 1973

073957 44.8 C162
Profitable dairying in Ontario dependent on co-operation between industry segments. Stephens, L A *Mod Dairy* 52 (3): 21-24. Mar 1973

073958 44.8 C162
Batching & pasteurization for correct formulation in ice cream manufacturing. Rolland, D M *Mod Dairy* 52 (4): 10-11. Apr 1973

073959 44.8 C162
How to avoid flavor & body defects in vanilla ice cream. Pearson, A M *Mod Dairy* 52 (4): 19-21. Apr 1973

073960 44.8 M735
Data processing equipment in dairy: dairy of future? (Ger) Eisenreich, L *Molk-zeitung Welt Milch* 27 (9): 265-266, 268. Mar 2, 1973

073961 S95.E22
Composition of milk in New York State. Herrington, B L *N Y Food Life Sci Bull* 18, 24 P. Dec 1972

073962 44.8 N283
A method for measuring particle density distribution of spray-dried powders. [Milk]. Verhey, J G P *Ned Melk-zuiveltijdschr* 27 (1): 19-29. 1973

073963 44.8 N283
Vacuole formation in spray powder particles. 3. Atomization & droplet drying. [Milk]. Verhey, J G P *Ned Melk-zuiveltijdschr* 27 (1): 3-18. Ref. 1973

073964 44.8 N283
Effect of cooling milk on heat-release of hydrogen sulphide from fat-globule membrane. Badings, H T *Ned Melk-zuiveltijdschr* 27 (1): 45-53. Ref. 1973

073965 44.8 N283
Discrimination between sweet-cream buttermilk powder & clecithin'-enriched milk powder, based on a thin-layer chromatographic and/or microscopic method. Badings, H T *Ned Melk-zuiveltijdschr* 27 (1): 66-76. Ref. 1973

073966 44.8 N283
Fat hydrolysis by lactic acid bacteria in cheese. [Starters, Gouda cheese]. Stadhouders, J *Ned Melk-zuiveltijdschr* 27 (1): 77-91. Ref. 1973

073967 44.8 N752
Aseptic bottling in a clean room. [Milk]. (Dan) Hansen, R *Nord Mejeri-tidsskr* 39 (1): 18-21. 1973

073968 14 R323
Apropos of problems of dairyindustry. (Fre) Grunenwald, L *Paysans* 16 (93): 31-35. June/July 1972

073969 SF1.P7
Hygiene & sanitation in milk production. (Cze) Kratochvil, L *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 1: 179-203. Ref. Eng. Sum. 1973

073970 TP1.P7
Changing technology in UK dairying. Peacock, B D *Process Biochem* 8 (5): 22-24. Ref. May 1973

073971 SF1.R54
Cheese of type 'Malga Fontin'. (Ita) Fazio, F M *Rilancio Agric Vet Zootec* 4 (7): 24-26. 1972

073972 SF221.S6
Composition & properties of commercial cheese starters. (Afr) Holzapfel, W H *S Afr J Dairy Technol* 5 (1): 11-14. Ref. Mar 1973

073973 SF221.S6
Influence of pressing on composition & quality of Gouda cheese. Robertson, N H *S Afr J Dairy Technol* 5 (1): 17-22. Mar 1973

073974 SF221.S6
Regulation of acidity of milk, cream & whey. (Afr) Dixon, A *S Afr J Dairy Technol* 5 (1): 27-30. Mar 1973

073975 SF221.S6
Measuring hesion in butter. Novello, J C *S Afr J Dairy Technol* 5 (1): 33-37. Ref. Mar 1973

073976 SF221.S6
American cottage cheese. (Afr) Lombard, S H *S Afr J Dairy Technol* 5 (1): 39-45. Mar 1973

073977 44.8 OF2
Use of concentrated milk in production of protein coprecipitation. (Fre) Pijanowski, E *Tech Lait* 28 (768): 21-22. Feb 10, 1973

073978 44.8 OF2
For production of quality milk. (Fre) Labie, C *Tech Lait* 28 (770): 11-14. Mar 1, 1973

073979 49 T443
Tasks & problems related to further increase of milk production & processing. (Ger) Harnisch, H *Tierzucht* 27 (2): 49-53. Feb 1973

073980 44.8 T66
Natural fruit & other flavours in yoghurt. Earle, M *Town Milk* 21 (1): 23-27. Feb 1973

073981 SF191.W6
Ultra-high-temperature processed milk. Burton, H *World Anim Rev* 5: 27-32. 1973

073982 SF191.W6
Maziwa lala – a fermented milk. Shalo, P L *World Anim Rev* 5: 33-37. 1973

073983 49 Z6
Iodine content in cow's milk with cows fed supplement of micronutrients. (Rus) Dauzov, M D *Zhivotnovodstvo* 4: 57-58. Apr 1973

LIVESTOCK PRODUCTS

073984 303.9 AM32
Experiences with vegetable tanning systems & extract blends used. [Leather]. Pirich, E P *Amer Leather Chem Ass J* 68 (5): 209-219. Ref. May 1973

073985 303.9 AM32
Graft polymerization. II. Factors affecting graft polymerization of vinyl monomers onto chrome-tanned hide substance. Korn, A H *Amer Leather Chem Ass J* 68 (6): 224-237. Ref. June 1973

073986 49 AR23
Studies on effect of external factors on qualitative characteristics of pork. influence of sugar feeding. (Ger) Kuhn, G *Arch Tierzucht* 16 (1): 41-49. Eng. Sum. 1973

073987 49 AR23
Studies on effect of external factors on qualitative characteristics of pork. influence of chilling. (Ger) Kuhn, G *Arch Tierzucht* 16 (1): 51-56. Eng. Sum. 1973

073988 381 AS7
Moisture & fat analysis of meat & meat products: a review & comparison of methods. Pettinati, J D *Ass Offic Anal Chem J* 56 (3): 544-561. Ref. May 1973

073989 S13.B7
Establishing hypodermic tissue in meat of Czechoslovak Spotted breed of young bulls with regard to live weight. (Cze) Buryska, J *Brno Acta Univ Agr Fac Agron* 20 (3): 429-436. 1972

073990 100 C71G (1)
Prediction of slaughter age in beef cattle. Cramer, D A *Colo Agr Exp Sta Gen Ser* 931: 44-45. May 1973

073991 100 C71G (1)
Breed & sex differences in distribution of fat in cattle. Cramer, D A *Colo Agr Exp Sta Gen Ser* 931: 45-46. May 1973

073992 100 C71G (1)
Colorado Beef Cattle Test & Carcass Evaluation. Quaas, R *Colo Agr Exp Sta Gen Ser* 931: 8-9. May 1973

073993 41.9 D23
Post mortem changes in skeletal musculature. (Dan) Wismer-Pedersen, J *Danske Dyrlaegefor Medlemsbl* 56 (8): 320-337. Ref. Apr 15, 1973

073994 412.628 D48
A practical skinning method. [Chinchillas]. (Ger) Putz, H E *Deut Pelztierzuchter* 47 (3): 51-56. Mar 1, 1973

073995 50.8 F622
Results of cold storage of meat & sausages. (Ger) Forster, J *Fleisch* 26 (12): 228. Dec 1972

073996 50.8 F622
Enzymatic removal of meat from bones. (Ger) Oelker, P *Fleisch* 269 (12): 233-236. Ref. Dec 1972

073997 50.8 F622
Heat flux measurement during processing of meat products. (Ger) Fedorov, V G *Fleisch* 27 (2): 26-28. Feb 1973

073998 50.8 F622
Utilization of meat of young boar, intermediate boar, & mongrel boar affected with sex odor in industrial production. (Ger) Walper, F *Fleisch* 27 (2): 33-34. Feb 1973

073999 50.8 F622
New regulations concerning delivery & acceptance of slaughter animals, meat & meat products. II. (Ger) Justmann, K *Fleisch* 27 (2): 37-38. Feb 1973

074000 50.8 F622
Tasks of poultry slaughtering & processing in 1973. (Ger) Lehmann, H *Fleisch* 27 (3): 41-42. Mar 1973

074001 50.8 F622
Determination of consistency of boiled muscle tissue based on simple meat characsterisitics by a multiple correlation & regression analysis. (Ger) Bluher, G *Fleisch* 27 (3): 46-49. Ref. Mar 1973

074002 50.8 F622
Device for determination of meat tenderness. (Ger) Tschumakow, N *Fleisch* 27 (3): 54. Mar 1973

074003 50.8 F622
Emphasis in yielding slaughtering byproducts. (Ger) Nobbe, K *Fleisch* 27 (4): 62-65. Apr 1973

074004 50.8 F622
Percentage of valuable parts of fattened pig carcasses with different weights. (Ger) Gastmann, C *Fleisch* 27 (4): 66-68. Apr 1973

074005 50.8 F622
Interrupted high-speed cooling of halved pig carcasses. (Ger) Thron, W *Fleisch* 27 (4): 69-72. Apr 1973

074006 50.8 F622
On results of dried beef blood plasma application. (Ger) Conrad, P *Fleisch* 27 (4): 73-75. Apr 1973

074007 TS1950.F5
Vaccum packing of sausages & products in butcher's trade. (Ger) Goller, K *Fleischerei* 24 (4): 19-20. Eng. Sum. Apr 1973

074008 TS1950.F5
Meat technology as seen by veterinary meat technologist. (Ger) Reuter, H *Fleischerei* 24 (4): 31-35. Apr 1973

074009 TS1950.F5
High speed curing of meat products by smoke seasonings without 3,4-benzpyrene. (Ger) Henning, W *Fleischerei* 24 (4): 39. Eng. Sum. Apr 1973

074010 TS1950.F5
Packaging of sausages & sausage products in vacuum shrink bags. (Ger) Lemke, H J *Fleischerei* 24 (4): 51-52. Apr 1973

074011 TS1950.F5
Experiences on sphere of cutting-technics. [Meat]. (Ger) Reifenhauser, T *Fleischerei* 24 (4): 60, 62. Apr 1973

074012 280.38 F62
Establishment of hydrogen-ion concentration value in practice. [Meat]. (Ger) Hofmann, K *Fleischwirtschaft* 53 (2): 187. Feb 1973

074013 280.38 F62
Standardisation of meat storage & meat processing. (Ger) Reuter, H *Fleischwirtschaft* 53 (2): 215-218, 221. Eng. Sum. Feb 1973

074014 280.38 F62
Is it permissable to take [meat] means of pH-values? (Ger) Hofmann, K *Fleischwirtschaft* 53 (2): 258-259. Eng. Sum. Feb 1973

074015 280.38 F62
Freshness & quality in portioned meat. (Ger) Bartels, H *Fleischwirtschaft* 53 (4): 486-489. Apr 1973

074016 280.38 F62
Changes in weight & protein content of meat during manufacture of ravioli. (Ger) Bartels, H *Fleischwirtschaft* 53 (4): 523-535. (12 P. Not Consec.). Ref. Eng. Sum. Apr 1973

074017 280.38 F62
Composition of Bierschinken. [Ham]. (Ger) Baumgarten, H J *Fleischwirtschaft* 53 (4): 536-538, 541-542. Ref. Eng. Sum. Apr 1973

074018 280.38 F62
Composition & evaluation of blood sausage varieties. (Ger) Harms, F *Fleischwirtschaft* 53 (4): 545-547. Ref. Eng. Sum. Apr 1973

074019 280.38 F62
Determination of nitrate & nitrite content in dry sausages containing GDL. [Glucono-delta-lactone]. (Ger) Gerhardt, U *Fleischwirtschaft* 53 (4): 548-550, 553-554. Ref. Eng. Sum. Apr 1973

074020 HD9000.1.I52
Determination of pentoses in meat & meat products. [Adulteration]. (Ita) Cantoni, C *Indus Aliment (pinerolo)* 91 (1): 85-90. Eng. Sum. Jan 1973

074021 HD9000.1.I52
Research on acidic ripening of dry salami. (Ita) Cantoni, C *Indus Aliment (pinerolo)* 92 (2): 87-91. Eng. Sum. Feb 1973

074022 23 V66J
Evaluating pig carcases. Woog, R *J Agr (melbourne)* 71 (2): 38-40. Feb 1973

074023 49 J82
Postmortem shrinkage of lamb carcasses. Smith, G C *J Anim Sci* 36 (5): 862-867. May 1973

074024 HD9000.A1J68
Frozen meat technology. Tuma, H J *J Food Distrib Res* 3 (1): 36-37. July 1972

074025 389.8 F7322
A statistical approach to subjective & objective measurements of odors induced by gamma-irradiation of beef fat. Kosaric, N *J Food Sci* 38 (3): 369-373. Ref. Mar/Apr 1973

074026 382 SO12
Meat emulsions. Sulzbacher, W L *J Sci Food Agr* 24 (5): 589-595. Ref. May 1973

074027 49 N62
A method for determination of TBA [table of basic allowances] number of meat in presence of nitrite. (Jap) Yamauchi, K *Jap J Zootech Sci* 44 (3): 155-158. Eng. Sum. Mar 1973

074028 HD1491.G3K6
Systematically controlled rationalisation to increase production of storage sausage. (Ger) Lorenz, P *Kooperation* 6 (11): 28-31. Nov 1972

074029 SF1.L32
Serum enzyme activity & postmortem changes in porcine skeletal muscle. Berman, M C *Landbouwet S-Afr Agric Sci S Afr Agroanim* 4 (4): 93-96. Ref. 1972

074030 41.8 M463
Variability of superficial microflora of frozen meat. (Pol) Zawadzki, Z *Med Wet* 29 (3): 171-173. Ref. Eng. Sum. Mar 1973

074031 22.5 M6932B
Studies on water-holding capacity of meat. VII. Effect of warm-slating on water-holding capacity of meat & behavior of nucleotides in meat. (Jap) Ohashi, T *Miyazaki Univ Fac Agr Bull* 19 (2): 367-397. Ref. Eng. Sum. Dec 1972

074032 22.5 M6932B
Studies on water-holding capacity of meat. VIII. Effect of warm-slating on water-holding capacity of meat, distribution of carboxyl groups of muscle proteins & behavior of metal ions in meat. [B (Jap) Ohashi, T *Miyazaki Univ Fac Agr Bull* 19 (2): 381-387. Eng. Sum. Dec 1972

074033 22.5 M6932B
An antioxidant in over-heated meat. [Reservation]. (Jap) Yamauchi, K *Miyazaki Univ Fac Agr Bull* 19 (2): 405-410. Ref. Eng. Sum. Dec 1972

074034 TS1950.M42
Evaluation of a disposable insulated container for air-freighting chilled meat cuts. Cooper, R N *MIRINZ Meat Indus Res Inst N Z* 256, 9 P. 1972

074035 TS1950.M42
A new concept of processing beef & lamb. Locker, R H *MIRINZ Meat Indus Res Inst N Z* 257, 63 P. Ref. Mar 1972

074036 TS1950.M42
Influence of storage temperature on quality of frozen meat. Chrystall, B B *MIRINZ Meat Indus Res Inst N Z* 274, 11 P. Ref. 1972

074037 412.628 N812
Skin production for 1971/1972 season. [Mink]. (Nor) *Norsk Pelsdyrbl* 47 (5): 170-171. Mar 5, 1973

074038 SF1.P7
Slaughtery & technological analysis of Czech Pied cattle breed at slaughtery weight of 400, 500, 600 kp. (Cze) Stika, O *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 1: 49-64. Eng. Sum. 1972

074039 303.8 C89
Properties & use of finishings by polyurethane transfer. [Leather]. (Fre) Munch, N *Rev Tech Indus Cuir* 65 (3): 85-90. Mar 1973

074040 286.85 D48
Possible use of data processing equipment in slaughter houses. (Ger) Grandjean, C *Schlacht Viehhof-ztg* 73 (4): 125-127. Apr 1973

074041 HD9780.F8T4
Results of inquiry carried out by LECA-RIM on tawers of Tarn & Aveyron [Laboratory for Testing, Control, Analysis & Industrial Research, leather]. (Fre) Bouchard, M *Technicuir* 7 (4): 65-69. Apr 1973

074042 HD9780.F8T4
Preliminary results of a study on residual degreasing solvant baths. [Leather]. (Fre) Folachier, M *Technicuir* 7 (4): 70. Apr 1973

074043 HD9780.F8T4
Influence of maturing on chrome tanning of sheepskins. (Fre) Folachier, M *Technicuir* 7 (4): 71. Apr 1973

074044 HD9780.F8T4
Modifications undergone by wet blue in process of stockage. [Leather]. (Fre) Arnoldi, H W *Technicuir* 7 (4): 72-77. Apr 1973

074045 HD9780.F8T4
Microbiological study of heat defleecing. 3. C. Activity of heat bacteria on different general substrates & on different substrates related to skin. (Fre) Prevot, J *Technicuir* 7 (4): 78-91. Apr 1973

074046 TX341.T4
Influence of ozone on superficial microbial flora of beef refrigerated or in process of defrosting. (Spa) Fournaud, J *Tecnol Aliment* 6 (35/36): 12-14, 16. Sept/Dec 1972

074047 73.9 T31
Acetylation of wool. Milligan, B *Textile Inst J* 64 (3): 170-174. Ref. Mar 1973

074048 73.9 T31
Rapid acidification of burry wool on a pilot-plant scale. Nossar, M S *Textile Inst J* 64 (4): 199-208. Apr 1973

074049 49 T443
Comparative studies on improvement of carcass value of finishing pigs. (Ger) Gastmann, C *Tierzucht* 27 (5): 203-207. May 1973

074050 41.8 V6426
On industrial utilization of carcasses & slaughterhouse wastes. (Rus) Shikhaleev, N F *Veterinariia* 10: 35-39. Oct 1972

074051 41.9 V83
Meat & lard quality of swine with different levels of protein diet. (Rus) Shpakov, A P *Vitebsk Vet Inst Uch Zap* 25: 140-145. 1972

074052 304.8 W888
Relation between fleece properties & processing of wool. Lipson, M *Wool Technol Sheep Breeding* 19 (11): 11-15. Ref. Dec 1972

074053 304.8 W888
Introduction of pre-sale testing & sale by sample of Australia wool. Mackay, B H *Wool Technol Sheep Breeding* 19 (11): 25-28. Ref. Dec 1972

074054 304.8 W888
Some observations on classing of fleeces for fineness. Whiteley, K J *Wool Technol Sheep Breeding* 19 (11): 31-32. Dec 1972

074055 304.8 W888
Classing of small to medium sized Merino clips. [Sheep]. McMahon, P R *Wool Technol Sheep Breeding* 19 (11): 7-10. Ref. Dec 1972

074056 49 Z6
On quality of meat & hide of young cattle. (Rus) Dikii, N T *Zhivotnovodstvo* 3: 82-84. Mar 1973

074057 TS1950.Z6
A draft of a meat processing department for new integrated meat industry plant Praha-South. (Cze) Zavrel, H *Zpr Masneho Prum* 1: 14-19. Eng. Sum. 1973

074058 TS1950.Z6
Third international meeting on hides & skins. (Cze) Benes, J *Zpr Masneho Prum* 1: 29-30. Eng. Sum. 1973

074059 TS1950.Z6
Slaughtering line for cattle. (Cze) Hlavinka, J *Zpr Masneho Prum* 1: 3-14. Eng. Sum. 1973

074060 TS1950.Z6
Preservation of blood by allylisothiocyanate. (Cze) Vrchlabsky, J *Zpr Masneho Prum* 1: 31-39. Eng. Sum. 1973

074061 TS1950.Z6
Contribution to objective evaluation of sensoric features in cooked meat. (Cze) Hujnakova, M *Zpr Masneho Prum* 1: 39-44. Eng. Sum. 1973

POULTRY PRODUCTS

074062 47.8 R523
Egg yolk changes during preservation of egg. (Ita) Brunoli, A *Avicoltura* 42 (3): 79-80. Mar 1973

074063 S13.B7
Effects of W. L. line of poultry on certain indicators of egg shell quality. (Cze) Lazar, V *Brno Acta Univ Agr Fac Agron* 20 (3): 447-454. Ref. Eng. Sum. 1972

074064 QP501.I48
Nayure of inactivation & interaction of lysozyme with guanidine hydrochloride. [Hen egg]. Altekar, W *Indian J Biochem Biophys* 9 (4): 293-296. Dec 1972

074065 TP368.L42
Hints for heat decanting of unfermented must,. [Fruit juices]. (Ger) Rudolstadtschaala, W *Lebensm Ind* 20 (3): 112-113. Mar 1973

074066 47.8 AM33P
Pickled eggs. 1. PH, [hydrogen-ion concentration] rate of acid penetration into egg components & bacteriological analyses. Acton, J C *Poultry Sci* 52 (1): 107-111. Jan 1973

074067 47.8 AM33P
Effect of pH [hydrogen-ion concentration] & certain additives on heat denaturation of turkey meat myoglobin. 1. Model system. Janky, D M *Poultry Sci* 52 (1): 152-159. Ref. Jan 1973

074068 47.8 AM33P
Effects of electrolyte treatments & dry-chilling on yields & tenderness of broilers. Hale, K K *Poultry Sci* 52 (1): 244-252. Ref. Jan 1973

074069 47.8 AM33P
Effect of dry-chilling on flavor of fried chicken. Hale, K K *Poultry Sci* 52 (1): 253-262. Ref. Jan 1973

074070 47.8 AM33P
Acceptance of precooked frozen chicken reheated by microwave energy. Sison, E C *Poultry Sci* 52 (1): 28-34. Ref. Jan 1973

074071 47.8 AM33P
Effect of dietary fat & storage temperature on storage stability of turkey meat. Salmon, R E *Poultry Sci* 52 (1): 314-317. Ref. Jan 1973

074072 47.8 AM33P
Cryogenic & conventional freezing of chicken. Streeter, E M *Poultry Sci* 52 (1): 317-325. Ref. Jan 1973

074073 47.8 AM33P
Electrophoretic study of fresh, heated, spray dried, & sonicated egg yolk. Cunningham, F E *Poultry Sci* 52 (1): 365-369. Ref. Jan 1973

074074 47.8 AM33P
Use of steam at subatmospheric pressure to cook poultry parts. Klose, A A *Poultry Sci* 52 (1): 385-388. Jan 1973

074075 47.8 AM33P
Acceptability of microwave reheated precooked chickens after packaging, freezing & storing. Sison, E C *Poultry Sci* 52 (1): 70-73. Jan 1973

074076 47.8 AM33P
Effect of storage on peeling quality & flavor of hard-cooked shell eggs. Spencer, J V *Poultry Sci* 52 (2): 654-657. Mar 1973

074077 47.8 AM33P
Effect of storage upon chemical, physical & functional properties of chicken eggs. Reinke, W C *Poultry Sci* 52 (2): 692-702. Ref. Mar 1973

074078 47.8 AM33P
Effect of various coatings on shell strength & egg quality. Meyer, R *Poultry Sci* 52 (2): 703-711. Ref. Mar 1973

074079 47.8 AM33P
Eviscerated yield, component parts, & meat, skin & bone ratios in chicken broiler. Hayse, P L *Poultry Sci* 52 (2): 718-722. Ref. Mar 1973

074080 47.8 AM33P
Factors affecting drying, stability, & rehydration of freeze-dried chicken meat. Maurer, A J *Poultry Sci* 52 (2): 784-792. Ref. Mar 1973

074081 20 AK1
Biochemical composition of eggs from hybrid & purebred chickens. (Rus) Polianichkin, A A *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 10: 35-36. Oct 1972

FIELD CROP PRODUCTS

074082 1.98 AG84
Testing seeds for oil & protein. [Field crops]. *Agric Res* 21 (11): 5. May 1973

074083 4 AM34P
Storage of high moisture grain sorghum (Sorghum bicolor L. Moench) treated with propionic acid. Nelson, L R *Agron J* 65 (3): 423-425. May/June 1973

074084 290.9 AM32T
Air flow requirements, bed turnover time for spouted bed peanut dryer. Gay, E E *Amer Soc Agr Eng Trans ASae* 16 (1): 104-108. Jan/Feb 1973

074085 381 AN13
Rapid micro Kjeldahl digestion of cereal grains & other biological materials. Concon, J M *Anal Biochem* 53 (1): 35-41. Ref. May 1973

074086 65.9 AU7
Effect of bil'et size on rate of sugarcane deterioration. Ivin, P C *Australian Sugar Year Book* 32: 190-191. 1973

074087 S11.B43
Variety & seed policy of Dutch sugar beet industry. (Dut) Rietberg, H *Bedrijfsontwikkeling* 4 (4): 343-344. Apr 1973

074088 S11.B43
Care of sugar beets between harvest & delivery. (Dut) Vletter, R de *Bedrijfsontwikkeling* 4 (4): 347-353. Apr 1973

074089 65.8 B73
Sugar manufacture without molasses. (Por) Barreto, A *Brasil Acucareiro* 81 (3): 14-16. Mar 1973

074090 65.8 B73
Variation of unfermentable reducing substances in sugarcane molasses. (Por) Sturion, A C *Brasil Acucareiro* 81 (3): 20-27. Eng. Sum. Mar 1973

074091 65.8 B73
Sugar technology: Mills & milling. II. Hydraulic pressure & soaking. (Por) Bayma, C *Brasil Acucareiro* 81 (3): 28-35. Mar 1973

074092 65.8 B73
History of sugar in Brazil. VII. 1. sugar industry i n 20th century until 1930. (Por) Vargas, C R *Brasil Acucareiro* 81 (3): 55-61. Ref. Mar 1973

074093 390.8 B732
Reutilization of barley softening waters & its effect on qulity of malt, wort & beer. (Ger) Kieninger, H *Brauwelt* 113 (31/32): 643-652. (Continued) May 2/4, 1973

074094 390.8 B732
Quality comparison of brewing barley from harvest of 1972. (Ger) Ulonska, E *Brauwelt* 113 (31/32): 654-656, 658-660. May 2/4, 1973

074095 390.8 B733
Differentiation of important malting barley varieties by means of quantitative grain criteria. (Ger) Munzer, W *Brauwissenschaft* 26 (1): 14-19. Ref. Eng. Sum. Jan 1973

074096 SB278.J3I9
Effects of genes, yb1 & yb2 controlling white burley character on agronomic characters & leaf properties of tobacco. II. Effects on curing process & some properties of cured leaves. (Jap) Harata, T *Bull Morioka Tob Exp Stn* 5: 129-136. Eng. Sum. Feb 1973

074097 QD321.C4
Rayon grade pulp from jute sticks. Saha, P K *Cellul Chem Technol* 7 (1): 87-94. Ref. 1973

074098 59.8 C333
Steam processed wheat & barley for use in protein fortified food blends. Ferrel, R E *Cereal Sci Today* 18 (6): 154-157. June 1973

074099 59.8 C333
Effects of premilling, soaking, & freezing on milling, physical properties, & baking of hard red winter wheat. Al-Suaidy, M A *Cereal Sci Today* 18 (6): 160-164, 179. Ref. June 1973

074100 59.8 C333
Effects of certain biochemical treatments on milling & baking properties of hard red winter wheat. Al-suaidy, M A *Cereal Sci Today* 18 (6): 174-178. Ref. June 1973

074101 TP374.C6C6
Corn has a bright future in agriculture. Burz, E L *Corn Refiners Assoc Corn Annu* P. 5-7. 1973

074102 65.8 C89
New quality index for sugar products. (Hun) Szilagyi, J *Cukoripar* 25 (6): 232-235. Nov/Dec 1972

074103 65.8 C89
Boiling point elevation & supersaturation of industrial sugar solutions. (Hun) Vavrinecz, G *Cukoripar* 26 (1): 19-22. Eng. Sum. Jan/Feb 1973

074104 65.8 C89
Viscosity of sugar-cane molasses. (Hun) Nguyen Ngoc Hoanh, *Cukoripar* 26 (2): 58-60. Eng. Sum. Mar/Apr 1973

074105 TP415.D4
Changes in chemical & physical properties of starch during dextrinization. [Corn starch]. (Jap) Kainuma, K *Denpun Kagaku (j Jap Soc Starch Sci)* 20 (1): 1-8. Eng. Sum. Mar 1972

074106 389.8 D482
Determining proteinase activity in grain & its products with synthetic medium. (Ger) Hertel, W *Deut Lebensmittelrundsch* 69 (2): 78-80. Feb 1973

074107 298.8 SU2
Situation of milling industry with regard to common grain market regulation. (Ger) Strzybny, X *Deut Muller-zeitung* 71 (7): 129-131. (Continued) Apr 5, 1973

074108 389.9 F7354CO
Committee on Commodity Problems, report of sixth session of Intergovernmental Group on Jute, Kenaf & Allied Fibres Rome, 21-23. February 1973. *F A O CCp (comm Commod Probl)* 73/5, 16 P. Mar 1973

074109 HD9000.1.F64
Fatty esters of polyalkoxylated polyol glycosides as bread additives. Beam, M M *Food Prod Develop* 7 (3): 30,32. Apr 1973

074110 60.8 F742
Long-term storage of grass seeds. Knowles, R P *Forage Notes (Ottawa)* 18 (1): 27. Spring 1973

074111 298.8 G33
Structure, properties & functions of carbohydrate in wheat flour. (Ger) Neukom, H *Getreide Mehl Brot* 26 (11): 299-303. Ref. Nov 1972

074112 298.8 G33
Quality rating of durum wheat from southern German area. (Ger) Menger, A *Getreide Mehl Brot* 26 (12): 336-340. Dec 1972

074113 298.8 G33
Quality of wheat harve in 1972. [Proteins, sedimentation rate]. (Ger) Bolling, H *Getreide Mehl Brot* 26 (12): 353-361. Dec 1972

074114 298.8 G33
Quality of rye harvest in 1972. (Ger) Drews, E *Getreide Mehl Brot* 26 (12): 361-364. Dec 1972

074115 298.8 G33
Elasticity of bread crumbs. (Ger) Wassermann, L *Getreide Mehl Brot* 27 (3): 100-104. Ref. Mar 1973

074116 298.8 G33
Technical suppositions of deep freezing. [Bread]. (Ger) Vries, L W B M de *Getreide Mehl Brot* 27 (3): 104-108. Mar 1973

074117 298.8 G33
Experiences with deep freezing of bread & small pastries. (Ger) Stephan, H *Getreide Mehl Brot* 27 (3): 108-110. Mar 1973

074118 298.8 G33
Experiences with pastry products in deep freezing. (Ger) Bretschneider, F *Getreide Mehl Brot* 27 (3): 110-112. Mar 1973

074119 298.8 G33
Economical reflections on mass freezing of bakery products. (Ger) Junger, H *Getreide Mehl Brot* 27 (3): 112-114. Mar 1973

074120 298.8 G33
Separate inclusion & storage of German quality wheats. (Ger) Rohrmann, B *Getreide Mehl Brot* 27 (3): 114-115. Mar 1973

074121 298.8 G33
Tendencies of changes of rye quality by nitrogen fertilization. (Ger) Drews, E *Getreide Mehl Brot* 27 (3): 82-87. Mar 1973

074122 298.8 G33
Cultivation & quality features of summer wheat in Croatia. (Ger) Martinic, Z *Getreide Mehl Brot* 27 (3): 87-90. Ref. Mar 1973

074123 298.8 G33
Germ fat & wheat baking capacity. (Ger) Bolling, H *Getreide Mehl Brot* 27 (3): 92-94. Mar 1973

074124 298.8 G33
Utilization possibilities of French wheats. (Ger) Colas, A *Getreide Mehl Brot* 27 (3): 97-100. Ref. Mar 1973

074125 298.8 G33
Tasks for Federal Research Institute for grain processing. (Ger) Seibel, W *Getreide Mehl Brot* 27 (4): 118-123. Apr 1973

074126 298.8 G33
Contributions to history of cereal research & baking technology. (Ger) Wassermann, L *Getreide Mehl Brot* 27 (4): 123-127. Ref. Apr 1973

074127 298.8 G33
Principles of utilization of lecithin in bakery. (Ger) Schafer, W *Getreide Mehl Brot* 27 (4): 132-136. Apr 1973

074128 298.8 G33
Present problems of mixed bread manufacture under utilization of mixed flours. (Ger) Wolter, K *Getreide Mehl Brot* 27 (4): 141-147. Apr 1973

074129 298.8 G33
Bread loaf: Test of a definition. (Ger) Hammel, D A *Getreide Mehl Brot* 27 (4): 147-152. Ref. Apr 1973

074130 307.8 G76
Determination of corn oil in corn germ by indirect complexometry with Mg I. Magnesium. (Spa) Garcia-villanova, R *Grasas Aceites* 24 (1): 10-12. Eng. Sum. Jan/Feb 1973

074131 69.9 J27
Automatic curing of bright leaf tobacco. (Jap) Yamanaka, H *Hatano Tobacco Exp Sta Bull* 71: 141-148. Eng. Sum. Mar 1972

074132 451 P87
**Effect of exterior conditons on stability of chosen plant oils used in pharmaceutical technology. II. Chromatographic studies of qualitative & quantitative changes of chosen plant oils during storage. [Linsee (Pol) Adamski, R *Herba Pol* 18 (4): 357-369. Ref. Eng. Sum. Dec 1972

074133 TS1542.M4 1972
Methods of determining breaking load, lengthening & resistance to wearing & multiple bending of cotton fiber. (Rus) Ladynina, L P *In Metody Opredeleniia Svoistv Khlopka-volokna* P. 162-209. 1972

074134 TX558.R5R53
Criteria of rice quality. Webb, B D *In Rice Chemistry and Technology* P. 102-139. Ref. 1972

074135 TX558.R5R53
Rough rice drying. Wasserman, T *In Rice Chemistry and Technology* P. 140-165. Ref. 1972

074136 TX558.R5R53
Rice caryopsis & its composition. Juliano, B O *In Rice Chemistry and Technology* P. 16-74. Ref. 1972

074137 TX558.R5R53
Rough rice storage. Schroeder, H W *In Rice Chemistry and Technology* P. 166-187. Ref. 1972

074138 TX558.R5R53
Conventional rice milling in United States. Witte, G C *In Rice Chemistry and Technology* P. 188-200. Ref. 1972

074139 TX558.R5R53
Solvent extractive rice milling. Hunnell, J W *In Rice Chemistry and Technology* P. 201-214. Ref. 1972

074140 TX558.R5R53
Milled rice & changes during aging. Barber, S *In Rice Chemistry and Technology* P. 215-263. Ref. 1972

074141 TX558.R5R53
Rice flours. Deobald, H J *In Rice Chemistry and Technology* P. 264-271. Ref. 1972

074142 TX558.R5R53
Rice bran & polish. Houston, D F *In Rice Chemistry and Technology* P. 272-300. Ref. 1972

074143 TX558.R5R53
Rice hulls. Houston, D F *In Rice Chemistry and Technology* P. 301-352. Ref. 1972

074144 TX558.R5R53
Rice enrichment. Brooke, C L *In Rice Chemistry and Technology* P. 353-357. Ref. 1972

074145 TX558.R5R53
Parboiled rice. Gariboldi, F *In Rice Chemistry and Technology* P. 358-380. Ref. 1972

074146 TX558.R5R53
Quick-cooking rice. Roberts, R L *In Rice Chemistry and Technology* P. 381-399. Ref. 1972

074147 TX558.R5R53
Rice breakfast cereals & infant foods. Brockington,s F *In Rice Chemistry and Technology* P. 400-418. Ref. 1972

074148 TX558.R5R53
Canned rice foods. Burns, E E *In Rice Chemistry and Technology* P. 419-427. Ref. 1972

074149 TX558.R5R53
Fermented rice foods. Veen, A G van *In Rice Chemistry and Technology* P. 428-431. Ref. 1972

074150 TX558.R5R53
Rice in brewing. Pomeranz, Y *In Rice Chemistry and Technology* P. 433-448. Ref. 1972

074151 TX558.R5R53
Sake. Nunokawa, Y *In Rice Chemistry and Technology* P. 449-487. Ref. 1972

074152 TX558.R5R53
Enzymes of rice. Akazawa, T *In Rice Chemistry and Technology* P. 75-101. Ref. 1972

074153 QP501.I48
Phosphatases from rice bran. Sastry, B S *Indian J Biochem Biophys* 9 (4): 297-303. Ref. Dec 1972

074154 HD9000.1.I52
Colza oil. (Ita) Vitali, G *Indus Aliment (pinerolo)* 92 (2): 65-68. Ref. Eng. Sum. Feb 1973

074155 SB215.I54
How to preserve sugar beet pulp? (Fre) Devuyst, A *Inst Belg Amelior Better Publ Trimest* 4: 149-159. Eng. Sum. 1972

074156 65.8 IN8
Procedures to assess & reduce deterioration of decalcification resins in service. II. [Sugar manufacture]. Oldfield, J F T *Int Sugar J* 75 (892): 103-105. Apr 1973

074157 65.8 IN8
Theory of extraction in diffusers. [Sugar manufacture]. Genie, G V *Int Sugar J* 75 (892): 99-103. Apr 1973

074158 22 IN8
You can store your grains in warehouses. [India]. Murthy, C N N *Intensive Agr* 10 (12): 7-8. Feb 1973

074159 389.8 IZ8
Inhibition of darkening of diffused juices. [Sugar manufacture]. (Rus) Lipets, A A *Izv Vyssh Ucheb Zaved Pishch Tekhnol* 6: 119-120. 1972

074160 381 J8223
Canning & pH [hydrogen-ion concentration] stability of epichlorohydrin-treated parboiled rice. Rutledge, J E *J Agr Food Chem* 21 (3): 458-459. May/June 1973

074161 381 J8223
Effect of processing conditions on isolation of cottonseed protein by sodium hexametaphosphate extraction method. Shemer, M *J Agr Food Chem* 21 (3): 460-462. Ref. May/June 1973

074162 382 SO12
Characterisation of three wheat proteins found in chloroform-methanol extracts of flour. Redman, D G *J Sci Food Agr* 24 (5): 629-636. Ref. May 1973

074163 QP981.T6K4
Evaluation of tabacco material modified by various curing techniques. Atkinson, W O *Ky Univ Tob Health Res Inst Conf Rep* 3: 335-340. 1972

074164 QP981.T6K4
Investigations on effect of chemical modifiers on tobacco & tobacco smoke. Burton, H R *Ky Univ Tob Health Res Inst Conf Rep* 3: 341-369. Ref. 1972

074165 QP981.T6K4
Pyrolysis of soybean protein & an amino acid mixture h aving same amino acid composition. Smith, W T *Ky Univ Tob Health Res Inst Conf Rep* 4: 421-454. 1973

074166 QP981.T6K4
A preliminary analysis of lipid content & composition of cured tobacco. Wassef, M K *Ky Univ Tob Health Res Inst Conf Rep* 4: 768-786. Ref. 1973

074167 QP981.T6K4
Evaluation of tobacco material modified by various curing techniques. Atkinson, W O *Ky Univ Tob Health Res Inst Conf Rep* 4: 829-833. 1973

074168 QP981.T6K4
Studies on fermentation of burley tobacco. Ghabrial, S A *Ky Univ Tob Health Res Inst Conf Rep* 4: 855-861. 1973

074169 QP981.T6K4
Chemical analysis of tobacco, tobacco leaf extracts & fractions thereof. Davis, D L *Ky Univ Tob Health Res Inst Conf Rep* 4: 881-886. 1973

074170 S583.L32
Simultaneous extraction & automatic determination of sugar & nicotine in tobacco. (Afr) Snyman, H G *Landbouwet S-Afr Agric Sci S Afr Agrochemophys* 4 (2): 31-35. Eng. Sum. 1972

074171 TP368.L42
Test of technological problems of recitification in corn distillery. 1. Analysis of fermentation by-products in corn rectification. (Ger) Seyfarth, W *Lebensm Ind* 20 (4): 174-177. Ref. Eng. Sum. Apr 1973

074172 286.89 C16
A comparison of elements in cured tobacco leaf. LeLacheur, K E *Lighter* 43 (2): 16-17. Spring 1973

074173 66.8 L69
Verification of some variances of raw juice purification. [Sugar beets]. (Cze) Kovarik, A *Listy Cukrov* 89 (2): 33-41. Ref. Eng. Sum. Jan 15, 1973

074174 66.8 L69
Methodics of work with a stauroscope at determination of saturation temperature. [Sugar manufacture]. (Cze) Kadlec, P *Listy Cukrov* 89 (2): 41-46. Eng. Sum. Jan 15, 1973

074175 66.8 L69
Determination of alpha-nitrogen in sugar beet & in diffusion juice ii. (Cze) Bretschneider, R *Listy Cukrov* 89 (2): 55-58. Eng. Sum. Jan 15, 1973

074176 66.8 L69
Copper determination in white sugar. (Cze) Ticha, B *Listy Cukrov* 89 (2): 69-72. Eng. Sum. Jan 15, 1973

074177 66.8 L69
Sugar packaging for consumer. (Cze) Bures, J *Listy Cukrov* 89 (3): 59-68. Eng. Sum. Jan 15, 1973

074178 298.8 M292
New trends of milling. (Hun) Kolostori, J *Malomipar Termenyforgalom* 20 (1): 25-29. Jan/Feb 1973

074179 298.8 M292
Vertical cooperation of grain industry & farms. (Hun) Bacso, A *Malomipar Termenyforgalom* 20 (1): 30-34. Jan/Feb 1973

074180 298.8 M292
Situation & tasks of works & plant organization in milling industry. (Hun) Serenyi, L *Malomipar Termenyforgalom* 20 (1): 34-37. Jan/Feb 1973

074181 298.8 M292
Organization of enterprises of grain industry. (Hun) Szitkovics, S *Malomipar Termenyforgalom* 20 (1): 38-42. Jan/Feb 1973

074182 298.8 M57
New miniaturized baking to appreciate strength of tender wheats. (Fre) Bourdet, A *Meun Franc* 295: 11-14. Jan 1973

074183 298.8 M622
Problems of grain preservation in storage facilities. Sullivan, S O *Milling* 155 (5): 12-15. May 1973

074184 TS2120.M6
Modes & methods of bread baking. (Spa) Perera, J *Molineria Panaderia* 68 (757): 59-60. Apr 1973

074185 TS2120.M6
Present flours for bread baking. (Spa) Pizzano Barrantes, J A *Molineria Panaderia* 68 (757): 8-12. Apr 1973

074186 298.8 M89
Simple & safe actions to be taken in bakery to ensure optimal baking qualities & yields to result from both rye & wheat flours. 2. (Ger) Huber, H *Muhle Mischfuttertech* 110 (15): 229-231. Eng. Sum. Apr 12, 1973

074187 100 OR3OR
Secret life of sour dough. [Saccharomyces exiguus, Lactobacillus san francisco]. *Oreg Agr Progr* 19 (4): 4-5. Spring 1973

074188 381 P763
Relaxation processes in cellulose & its derivatives. [Wood, cotton]. Zelenev, Yu V *Polymer Sci Ussr* 14 (1): 17-25. Ref. 1972 (Pub. Mar 1972)

074189 304.9 P87
Effect of aeration & of addition of nutrients in retting of flax straw. (Pol) Kulas, J *Poznan Inst Przemyslu Wlokien Lykowych Prace* 19: 115-126. Eng. Sum. 1972

074190 304.9 P87
Laboratory testing of technological value of hemp designated for decortication. (Pol) Muller-Czarnek, W *Poznan Inst Przemyslu Wlokien Lykowych Prace* 19: 127-153. Ref. Eng. Sum. 1972

074191 304.9 P87
Relationship between humidity, stage of hemp maturity & fibre output, decorticated fiber quality & its length. (Pol) Nowak, A *Poznan Inst Przemyslu Wlokien Lykowych Prace* 19: 155-166. Eng. Sum. 1972

074192 304.9 P87
Comparison of technological value of fibre, yarn & fabrics manufactured from flax straw retted with & without an addition of urea. (Pol) Probulski, Z *Poznan Inst Przemyslu Wlokien Lykowych Prace* 19: 167-180. Eng. Sum. 1972

074193 304.9 P87
Interlaboratory testing of average polymerization degree of linen fabrics. (Pol) Pawula, E *Poznan Inst Przemyslu Wlokien Lykowych Prace* 19: 181-196. Eng. Sum. 1972

074194 304.9 P87
Principles of estimation of linen bleached fabrics properties based on straw, fibre & yarn quality parameters. (Pol) Rawa, K *Poznan Inst Przemyslu Wlokien Lykowych Prace* 19: 197-226 ref. Eng. Sum. 1972

074195 304.9 P87
Experiments on application of purified or regenerated retting effluents for retting purposes & examination of introduction of endless circulation. [Flax straw]. (Pol) Sluchocka, Z *Poznan Inst Przemyslu Wlokien Lykowych Prace* 19: 91-114. Ref. Eng. Sum. 1972

074196 S19.P7
Avoid grain losses in storage. Chahal, B S *Progr Farming* 9 (9): 19. May 1973

074197 298.8 P95
Twenty-five years of expansion of cereal & milling industry shown graphically. (Pol) Klamcznyski, H *Przegl Zbozowo Mlynarski* 17 (5): 14-20. Map. Eng. Sum. May 1973

074198 298.8 P95
Methods of improving quality of processed cereal products in past 25 years. (Pol) Wachowiak, E *Przegl Zbozowo Mlynarski* 17 (5): 21-26. Eng. Sum. May 1973

074199 298.8 P95
Results of chantes in cereal processing methods in years 1948 – 1973. (Pol) Brzezinski, J *Przegl Zbozowo Mlynarski* 17 (5): 27-29. Eng. Sum. May 1973

074200 298.8 P95
Research work in cereal & milling industry. (Pol) Gawda, J *Przegl Zbozowo Mlynarski* 17 (5): 9-13. Eng. Sum. May 1973

074201 24 M44
History of sugar domains of Mauritius island. V. Plaines Wilhems. A. General glance. (Fre) Rouillard, G *Rev Agr Sucriere Ile Maurice* 51 (3): 153-172. Map. July/Sept 1972

074202 24 R34
Bulk grain handling & storage: commercial maize. Du Toit, F P *Rhodesia Agr J* 70 (2): 23-40. Mar/Par 1973

074203 389.8 R59
Distribution of pigments of chlorophyll group derivates in course of deacidification of rapeseed oil. (Pol) Bratkowska, I *Rocz Technol Chem Zywn* 22 (3/4): 315-327. Eng. Sum. 1972

074204 S95.E23
A comparison of amino acid & nitrogen content of pods & seeds of beans (Phaseolus vulgaris L.) [Kidney beans]. Hackler, L R *Search Agric* 3 (5), 6 P. 1973

074205 65.8 SE4
Second carbonation juice treatment by means of ion exchangeers applied to continuous equipment 'aconex' & 'preconex' [Sugar manufacture]. (Tur) Eyuboglu, A C *Seker* 23 (86): 34-38. Jan 1973

074206 61.9 SE5
On determining amount of gluten in flour. [Wheat]. (Rus) Samsonov, M M *Selek Semenovod (moscow)* 2: 45-48. Mar/Apr 1973

074207 309 ST22
Recovery & amino acid composition of protein precipitates isolated from rice starch processing liquors. Hegazi, S M *Starke* 25 (3): 92-94. Ref. Mar 1973

074208 309 ST22
Effect of metal cations on swelling & gelatinization behaviour of large wheat starch granules. Gough, B M *Starke* 25 (4): 123-150. Ref. Apr 1973

074209 HD1940.C95S82
Technical & economic characteristics of production & post-harvest treatment of cereals with regard to future development. (review). (Cze) Lanca, I *Stud Inf Zemed Ekon* 6, 80 P. Ref. Eng. Sum. 1972

074210 66.8 SU1
Electrical heating of massecuites. (Fre) Bass, R J *Sucrerie Belge* 92 (1): 3-16. Eng. Sum. Jan 15, 1973

074211 66.8 SU1
Automation of crystallization process applied to solutions of high purity in sugar manufacture. (Fre) Joseph, A *Sucrerie Belge* 92 (3): 93-99. Eng. Sum. Mar 15, 1973

074212 65.8 SU391
Production of raw sugar from sorghum juices. Smith, B A *Sugar J* 35 (12): 22-27. Ref. May 1973

074213 61.8 SV2
Storing autumn rye by soaking it in Neo-Voronit. (Swe) Kolk, H *Svensk Frotidn* 42 (4): 59-60. Apr 15, 1973

074214 298.8 SE42
Recent developments in rice grain research. (Ita) Juliano, B O *Tec Molitoria* 23 (24): 783-793. Ref. Dec 30, 1972

074215 298.8 SE42
Breadmaking properties & special flours: Pelshenke, Zeleny & Brabender. (Ita) Cirilli, G *Tec Molitoria* 23 (24): 801-804. Dec 30, 1972

074216 298.8 SE42
Technology of bulgur production. (Ita) Fisher, G W *Tec Molitoria* 24 (2): 12-19. Jan 30, 1973

074217 298.8 SE42
Hygiene in wheat cleaning. (Ita) Schefer, E *Tec Molitoria* 24 (2): 25-31. Jan 30, 1973

074218 298.8 SE42
Symposium on macaroni, most important Italian dish. (Ita) Alberini, M *Tec Molitoria* 24 (4): 65-75. Feb 1973

074219 298.8 SE42
Germ bread. [Wheat]. (Ita) Giacanelli, E *Tec Molitoria* 24 (4): 81-95. Ref. Eng. Sum. Feb 1973

074220 298.8 SE42
Barley steeping. (Ita) Vanossi, L *Tec Molitoria* 24 (4): 96-98. Feb 1973

074221 304.8 T293
Electron diffraction measurement of degree of crystallite orientation in native cellulose fibers. [Cotton, ramie]. Hebert, J J *Textile Res J* 43 (5): 260-261. May 1973

074222 304.8 T293
Chemical & physical properties of cotton modified by N-methylol agents. IV. Release of formaldehyde. Vail, S L *Textile Res J* 43 (5): 294-299. Ref. May 1973

074223 HD9130.1.T6
Microscopic studies of bright leaf tobacco. I. Conventionally cured vs freeze dried during curing. Mohapatra, S C *Tob Sci* 16: 1-5. Ref. 1972

074224 HD9130.1.T6
Isolation & identification of flavor components of Burley tobacco. Roberts, D L *Tob Sci* 16: 107-112. Ref. 1972

074225 HD9130.1.T6
Thermal analysis of oxidative browning in flue-cured tobacco. Chakrabarti, S M *Tob Sci* 16: 12-18. 1972

074226 HD9130.1.T6
Effect of light on curing of Burley tobacco. Lowe, R H *Tob Sci* 16: 122. 1972

074227 HD9130.1.T6
Electron microscopy of cured & fermented cigar tobacco. Bailey, D G *Tob Sci* 16: 9-11. 1972

074228 58.8 T69
Use of measuring equipment for testing humidity of grain in storage. (Ita) Gasparetto, E *Trattorista* 19 (1): 4-6. Jan 15, 1973

074229 20 V633
New method of grading seeds of cereal crops in electrostatic field. (Rus) Budzko, I A *Vestn Sel'skokhoz Nauk (moscow)* 10: 98-106. Ref. Eng. Sum. Oct 1972

074230 389.8 V89
Amino acids composition of rye grain, sieved rye-flour, break flour & bran. (Rus) Rukosuev, A N *Vop Pitan* 31 (5): 42-45. Ref. Eng. Sum. Sept/Oct 1972

074231 389.8 V89
Content of copper & manganese in grains of wheat of Tselinograd Region depending on variety & growth in soil climatic zone. (Rus) Kulachenko, V P *Vop Pitan* 31 (5): 76-77. Sept/Oct 1972

074232 389.8 V89
Determining content of molybdenum in grains of wheat by kinetic method. (Rus) Kliachko, IU A *Vop Pitan* 31 (5): 79-80. Sept/Oct 1972

074233 389.8 V89
Amino acid composition of some domestic varieties of soybeans. (Rus) Chernikova, L G *Vop Pitan* 31 (5): 85-86. Sept/Oct 1972

074234 389.8 V89
Content of phosphorus in grain of some wheat varieties in south Ukraine. (Rus) Grizo, V A *Vop Pitan* 31 (5): 86-87. Sept-/Oct 1972

074235 20 AK1
Dynamics of sugars in wheat grains when ripened. (Rus) Avundzhian, E S *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 4: 7-9. Ref. Apr 1973

074236 389.9 W26
Natural tocopherols as antioxidants for refined rape oil. (Pol) Pilat, K *Warsaw Inst Lab Badaw Przlem Spozyw Pr* 22 (4): 565-579. Ref. Eng. Sum. 1972

074237 389.9 W26
Studies on content of ferrum & copper in rape oil during its industrial refining & on effect of these metals on stability of edible rape oil. (Pol) Rudzka, Z *Warsaw Inst Lab Badaw Przlem Spozyw Pr* 22 (4): 581-596. Ref. Eng. Sum. 1972

074238 389.9 W26
Investigations on selection of method of egg determination in noodles. (Pol) Charlampowicz, L *Warsaw Inst Lab Badaw Przlem Spozyw Pr* 22 (4): 597-615. Ref. Eng. Sum. 1972

074239 72.8 W522
Finishing cotton for today's market. Blanton, W A *West Cotton Prod Conf Sum-proc* P. 4-7. 1973

074240 72.8 W522
Effect of field storage & handling on seed & lint quality. [Cotton]. Wilkes, L H *West Cotton Prod Conf Sum-proc* P. 50-52. 1973

074241 72.8 W522
Status of cottonseed flour & its future. Herzer, J F *West Cotton Prod Conf Sum-proc* P. 7-9. 1973

074242 72.8 W522
Byssinosis, air pollution, OSHA [Occupational Safety & Health Act] – how they affect producer. [Cotton]. Johnson, D A *West Cotton Prod Conf Sum-proc* P. 9-12. 1973

074243 384 Z39
Odour of white bread. IV. Quantitative determination of constituents in vapour & their odour values. Mulders, E J *Z Lebensmittel-untersuchung -Forsch* 151 (5): 310-317. Ref. 1973

074244 65.8 D48
Progressive planning & construction of sugar factories. (Ger) Bruhns, G *Z Zuckerindus* 23 (4): 188-193. Eng. Sum. Apr 1973

074245 65.8 D48
Mathematical analysis to determine long run optimal processing period of beet sugar factories. (Ger) Strube, C *Z Zuckerindus* 23 (4): 199-206. Ref. Eng. Sum. Apr 1973

074246 20.5 Z5
Transformations of steroid hydrocarbons during autoxidation of bleached rapeseed oil. Sawicki, J *Zeszyty Probl Postepow Nauk Roln* 136: 227-233. 1973

074247 65.8 Z82
Semi-technical experiments for demineralizing juice after second evaporator body by means of electrodialysis. [Sugar manufacture]. (Ger) Perschak, F *Zucker* 26 (5): 239-245. Eng. Sum. May 1973

HORTICULTURAL PRODUCTS

074248 80 AC82
Studies on harvesting, transport & storage of mango. Subramanham, H *Acta Hort* 24: 260-264. Mar 1972

074249 80 AC82
Storage of mango fruits. Sundararaj, J S *Acta Hort* 24: 265-270. Ref. Mar 1972

074250 464.9 C432B
Quality & storage of Richard Delicious apples treated with Alar & naphthalene acetic acid before & after harvest. (Spa) Gil, G F *Agr Tec* 33 (1): 30-36. Ref. Eng. Sum. Jan/Mar 1973

074251 15 AG84
Spanish wines. (Spa) Saro, J de *Agric Rev Agropecu* 42 (490): 86-93. Map. Feb 1973

074252 511 AK192D
Attempts to produce sherry type apple wine by means of oxidative yeast autolysis. (Rus) Jokantaite, T *Akad Nauk Litov Ssr Darbai Tr Ser C* 2 (58): 19-24. Ref. Eng. Sum. 1972

074253 75.8 P842
Weight loss of potatoes as affected by age, temperature, relative humidity & air velocity. [Storage]. Butchbaker, A F *Amer Potato J* 50 (4): 124-132. Apr 1973

074254 381 AS7
Control of authenticity of fruit juices by isotopic analysis. Bricout, J *Ass Offic Anal Chem J* 56 (3): 739-742. May 1973

074255 381 AS7
Analytical constituents of strawberry & raspberry & thei r change in jam production. Ryan, J J *Ass Offic Anal Chem J* 56 (3): 743-747. May 1973

074256 23 AU783
Effect of diphenylamine on incidence of low temperature breakdown in apples. Wills, R B H *Australian J Agr Res* 24 (3): 373-375. Ref. May 1973

074257 S11.B43
Continued research on effect of irradiation on potatoes. (Dut) Sparenberg, H *Bedrijfsontwikkeling* 4 (3): 261-264. Mar 1973

074258 S11.B43
Storage capacity for stored fruit in Netherlands. (Dut) Greidanus, P *Bedrijfsontwikkeling* 4 (4): 399-402. Apr 1973

074259 SB23.C6A3
Annotated bibliography on storage of onions, 1968 – 1971. *Commonw Bur Hortic Plant Crops Query File* 6033(s), 3 P. Jan 1973

074260 TP415.D4
Studies on preparation of potato starch. (Jap) Yagi, T *Denpun Kagaku (j Jap Soc Starch Sci)* 20 (1): 13-16. Eng. Sum. Mar 1972

074261 TP415.D4
Food chemical studies on starch. 1. Effect of urea on gelatinization of potato starch. (Jap) Kimura, Y *Denpun Kagaku (j Jap Soc Starch Sci)* 20 (1): 9-12. Ref. Eng. Sum. Mar 1972

074262 389.8 D482
Aroma changes in orange juice. II. Aroma changes during processing & storage of orange juice in bottles. (Ger) Askar, A *Deut Lebensmittel-rundsch* 69 (4): 162-166. Ref. Apr 1973

074263 389.8 F7333
Textural breakdown in canned apricots. Paroz, P *Food Technol Australia* 25 (3): 130-131, 133. Mar 1973

074264 389.8 F7333
Chemical colouring of lemon fruit. El-Zeftawi, B M *Food Technol Australia* 25 (3): 151, 153. Mar 1973

074265 58.9 F843B
Cooling of musts and wines in fermentation. (Fre) Walter, J F *France Centre Nat Etud Exp Mach Agr Bull Inform* 182/183: 27-31. Mar/Apr 1973

074266 80 F9493
Refrigeration of plant products destined for packaging. (Fre) Linden, R *Fruit Belg* 41 (361): 14-18. Jan/Mar 1973

074267 80 F9492
Some uses of fruit constituents as pharmaceuticals: Vitamins. (Fre) Dupaigne, P *Fruits* 28 (2): 133-142. Ref. Eng. Sum. Feb 1973

074268 80 F9492
About fresh citrus fruit products. (Fre) Cadillat, R M *Fruits* 28 (2): 151-164. Feb 1973

074269 80 G1948
Efficient storage – an important factor for continuous supply of vegetables & fruit. (Ger) Ansorge, P *Gartenbau* 19 (9): 193-194. Sept 1972

074270 80 G1948
Conclusions & recommendations from results of 1971/72 storage season. [Fruit, vegetables]. (Ger) Seidenberg, H *Gartenbau* 19 (9): 195-196. Sept 1972

074271 80 G1948
Experience & results of carrot storage during 1971/72 storage season. (Ger) Siedel, M *Gartenbau* 19 (9): 197-199. Sept 1972

074272 80 G1948
Storage conditions required by onions. (Ger) Bottcher, H *Gartenbau* 19 (9): 200-201. Sept 1972

074273 80 G1948
Successful storage of headed cabbage. (Ger) Struck, P *Gartenbau* 19 (9): 201-202. Sept 1972

074274 18 G312V
German commercial classification of fruits & vegetables. (Ger) Jahn, H R *Ger (fed Repub) LandHauswirtsch Auswertungs Informations Dienst (veroff)* 335, 28 P. 1972

074275 307.8 G76
Processing of pimiento used for stuffing olives; chemical peeling & storage in low concentration brines. III. Results for 1970-71 & 1971-72. (Spa) Minguez Mosquera, M I *Grasas Aceites* 24 (1): 1-10. Eng. Sum. Jan/Feb 1973

074276 307.8 G76
Pectic substances related to softening of pickled products. [Redpeppers, olives]. (Spa) Fernandez Diez, M J *Grasas Aceites* 24 (1): 29-36. Ref. Eng. Sum. Jan/-Feb 1973

074277 100 H313 (1)
Papaya puree & nectar. Brekke, J E *Hawaii Agr Exp Sta Bull* 170, 11 P. Ref. Mar 1973

074278 HD9000.1.I52
Method for preparation of vanilla concentrates by means of selective extraction of beans. (Ita) Nano, G M *Indus Aliment (pinerolo)* 91 (1): 79-80. Ref. Eng. Sum. Jan 1973

074279 389.8 K832
Discoloration of cauliflower during canning & pickling as influenced by variety, location & processing. (Ger) Holfelder, E *Indus Obst& Gemuseverwert* 58 (6): 157-164. Ref. Mar 15, 1973

074280 107 J552
Systematic dense packaging of oranges. Peleg, K *Israel J Agr Res* 22 (4): 225-236. Dec 1972

074281 381 J8223
Effects of coatings on wright loss & ethonol buildup in juice of oranges. Davis, P L *J Agr Food Chem* 21 (3): 455-458. May/June 1973

074282 381 J8223
Ethylene-accelerated limonoid metabolism in citrus fruits: a process for reducing juice bitterness. Maier, V P *J Agr Food Chem* 21 (3): 490-495. Ref. May/-June 1973

074283 381 J8223
Changes in fatty acids in ripening mango pulp (variety Alphonso). Bandyopadhyay, C *J Agr Food Chem* 21 (3): 496-497. May/June 1973

074284 381 J8223
Loganberry flavor components of commercial essence. Miller, P H *J Agr Food Chem* 21 (3): 508. May/June 1973

074285 475 J824
Preparative argentation column chromatography for separation of sterols from ornage vesicles. Nordgy, H E *J Chromatography* 79: 147-156. Ref. May 16, 1973

074286 80 J825
Relationship between hexanol levels in apples & development of soft scald. [Storage diseases]. Wills, R B H *J Hort Sci* 48 (2): 165-168. Apr 1973

074287 382 SO12
Pectic substances in onion & garlic skins. [Waste utilization]. Alexander, M M *J Sci Food Agr* 24 (5): 611-615. Ref. May 1973

074288 382 SO12
Lipids of potato tubers. 1. Lipid & fatty acid composition of tubers from different varieties of potato. Galliard, T *J Sci Food Agr* 24 (5): 617-622. Ref. May 1973

074289 382 SO12
Lipids of potato tubers. II. Lipid-degrading enzymes in different varieties of potato tuber. Galliard, T *J Sci Food Agr* 24 (5): 623-627. May 1973

074290 421 J829
Determination of moisture content & equilibrium relative humidity of dried fruit: sultanas. [Raisins]. Pixton, S W *J Stored Prod Res* 8 (4): 263-270. Mar 1973

074291 HD1491.G3K6
Long-term exploitation of all reserves to increase vegetable processing – a priority managerial task. (Ger) Zimmermann, H *Kooperation* 6 (11): 6-8. Nov 1972

074292 TP500.K8
A new installation for continuous carbonation of beverages: Sodamix. (Cze) Svejcar, V *Kvasny Prum* 19 (3): 61-63. Mar 1973

074293 105.2 OR3
Potato chip industry & its raw materials. (Dut) Hesen, J C *Landbouwkundig Tijdschr* 85 (3): 89-95. Eng. Sum. Mar 1973

074294 275.29 OH32
Canning fruits & vegetables. Gould, W A *Ohio State Univ Ext Bull* 553, 18 P. May 1973

074295 77.8 OL2
Palm oil processing. III. Physical refining. (Fre) Martinenghi, G B *Oleagineux* 28 (4): 189-191. Eng. Sum. Apr 1973

074296 77.8 OL2
Vegetable oil refining process. I. alkali refining. Braae, B *Oleagineux* 28 (4): 193-195. Apr 1973

074297 SB211.P8I5
Potato products in food industry in USA & Europe. (Pol) Lipinska, J *Pol Inst Ziemniaka Biul* 9: 103-121. Ref. Eng. Sum. 1972

074298 390.9 P83
Gas chromatography in study of aroma of wine & brandy. (Por) Curvelo Garcia, A S *Port Cent Nac Estud Vitivinic Vinea Vino Port Doc Ser II* 6 (1), 25 P. Eng. Sum. Mar 1972

074299 TX341.Q5
Taiwan is becoming an important producer of frozen vegetables. Williams, E W *Qhick Frozen Foods Int* 14 (4): 107-111. Apr 1973

074300 107 R26
Effect of a wax coating applied to oranges on weight loss & disappearance of green color in stored fruit. Rajzman, A *Rehovot Nat Univ Inst Agr Prelim Rep* 729, 12 P. Eng. Sum. Jan 1973

074301 13 R322
'roxane', a new Belgian variety of potatoes: Culinary & technological study. (Fre) Nys, L *Rev Agr (brussels)* 26 (1): 63-88. Jan/Feb 1973

074302 93.33 SH62B
An experiment for improovement of a big sized cold storage for Satsuma orange. (Jap) Shirai, T *Shizuoka Citrus Exp Sta Bull* 10: 1-18. Ref. Eng. Sum. Sept 1972

074303 309 ST22
Pore size in potato starch. Sterling, C *Starke* 25 (4): 115-118. Ref. Apr 1973

074304 TX341.T4
Suitability of certain apricot varieties in processing of fruit syrup. II. B. Observation of fruit syrup. (Spa) Souty, M *Tecnol Aliment* 6 (35/36): 8-10. Ref. Sept/Dec 1972

074305 S9.T4
Cooperatives: an idea which should be advanced. [Wine production]. (Ita) Pusterla, B *Terra Vita* 13 (39): 26-27. Oct 6, 1972

074306 64.8 Z12
Storage of potatoes. (Cze) Radil, B *Uroda* 21 (1): 25-27. 1973

074307 389.8 V89
Effect of heat treatment on content of vitamins B1, B2 & PP in bean seeds. (Rus) Stepanov, V N *Vop Pitan* 31 (5): 81-82. Sept/Oct 1972

074308 389.9 W26
Production of redpepper extracts for pharmaceutical industry. (Pol) Karwowska, K *Warsaw Inst Lab Badaw Przlem Spozyw Pr* 22 (4): 503-508. Ref. Eng. Sum. 1972

074309 389.9 W26
Preliminary studies on fatty acids & esters content in distiller fractions obtained during continuous rectification of raw potato spirits. (Pol) Kumider, J *Warsaw Inst Lab Badaw Przlem Spozyw Pr* 22 (4): 641-664. Eng. Sum. 1972

074310 389.9 W26
Studies on concentration of raw material bases for fruit & vegetable processing plant. (Pol) Tabiszewska, I *Warsaw Inst Lab Badaw Przlem Spozyw Pr* 22 (4): 665-680. Eng. Sum. 1972

074311 95.8 W435
Catechin content of Riesling & Portuguese grapes & wines as well as catechin degration products in pomaces & wines made from marc. (Ger) Herrmann, K *Weinberg Keller* 19 (11): 559-568. Ref. Nov 1972

074312 95.8 W435
Nitrogen content of grapes in cool storage especially considering choice in quantity of reference data. (Ger) Schaefer, H *Weinberg Keller* 19 (11): 569-583. Nov 1972

074313 95.8 C122
South Africa symposium: a scholar's view. [Wine manufacture]. Singleton, V L *Wines Vines* 54 (5): 26-27. May 1973

074314 95.8 W73
Clarification of young wine. (Ger) Haushofer, H *Winzer* 29 (2): 30-31. Feb 1973

074315 384 Z39
Identification of irradiated champignons. (Ger) Munzner, R *Z Lebensmittel-untersuchung -Forsch* 151 (5): 318-319. Eng. Sum. 1973

074316 20.5 Z5
Comparison between quality of cooking media & of fat extracted from French fried potatoes. Kurkela, R *Zeszyty Probl Postepow Nauk Roln* 136: 135-145. Ref. 1973

FEED PRODUCTS

074317 280.8 AG82
World-wide feed protein crisis. (Ger) Rupp, G *Agr Rundsch* 2: 27-28. Apr 1973

074318 381 AN1
Determination of nitrate in feedstuffs. Mahr, M *Anal Chim Acta* 64 (3): 469-472. Ref. May 1973

074319 389.78 AR22
Studies on pressure ammonification of feedstuffs rich in carbohydrates. 2. Studies of structure of nitrogen bindings in pressure-ammonificated dried sugarbeet ships & dried sugarbeet pulp. (Ger) Krawielitzki, R *Arch Tierernahr* 23 (3): 237-258. Ref. Eng. Sum. Apr 1973

074320 381 AS7
Use of heat to saponify xanthophyll esters & speed analysis for carotenoids in feed materials: collaborative study. Quackenbush, F W *Ass Offic Anal Chem J* 56 (3): 748-753. May 1973

074321 381 AS7
Determination of sulfaquinoxaline in feeds: collaborative study. Szalkowski, C R *Ass Offic Anal Chem J* 56 (3): 758-761. May 1973

074322 381 AS7
Qualitative identification of furazolidone, tylosin, & zoalene in feeds. Barefield, L A *Ass Offic Anal Chem J* 56 (3): 762-764. May 1973

074323 47.8 B262
Fusarium free feed for ganders. (Hun) Nagy, G *Baromfitenyesztes* 17 (3): 14. Mar 1973

074324 S11.B43
Urea as a nitrogen supplement to corn silage. (Dut) Rijpkema, Y S *Bedrijfsontwikkeling* 4 (4): 323-327. Apr 1973

074325 281.8 B462
Experiences with farm quality mixed feed production. (Ger) Keiser, H von *Betriebswirtsch Mitt Wirtschaftsberater* 217: 25-29. Apr 1973

074326 309.8 C334
Posibilities of obtaining fodder yeast from hydrolysate of sulphate beech wood pulp of processed for viscose. (Rom) Ioan, D *Celuloza Hirtie* 22 (1): 37-38. Eng. Sum. Jan 1973

074327 6 W55
Mixing feeds?; here's how to calculate nutritional value. Kromann, R P *Crops Soils* 25 (8): 15-17. June/July 1973

074328 58.8 D482
Calculating course of drying during wilting of forage plants. (Ger) Neuschulz, A *Deut Agrartech* 22 (12): 569-571. Dec 1972

074329 58.8 D482
Methods, Efficiency & Cost of Copped hay production. (Ger) Stengler, K H *Deut Agrartech* 4: 149-152. 1973

074330 43.8 F32
How grain processing methods compare. [Feed]. Hale, W H *Feedlot Manage* Special No: 13, 27-28, 30, 32. Nov 1972

074331 18 W763
Indices of German Democratic Republic feed valuation system & their practical use. (Ger) Schiemann, R *Feldwirtschaft* 14 (4): 175-179. Apr 1973

074332 18 W763
Assessment of coarse feed quality by German Democratic Republic feed valuation system. (Ger) Hoffmann, B *Feldwirtschaft* 14 (4): 180-182. Apr 1973

074333 17 SCH9
Important hints on spring silage preparation. (Ger) Heiniger, A *Grune* 101 (16): 580-584. Apr 20, 1973

074334 11 H152
Expensive protein – more silage. (Swe) Lofvenberg, S *Hallands Lans Hushallningssallsk Tidskr* 16 (2): 8-9. Mar 1973

074335 44.8 H65
Does your silo contain PCB [polychlorinated biphenyls] residues? Willett, L B *Hoards Dairyman* 118 (9): 610, 641. May 10, 1973

074336 49 IN3
Plastic silo. [Silage preparation]. (Ita) Stimamiglio, L *Inform Zootec* 19 (18): 10-11. Sept 21, 1972

074337 381 J8223
Inhibition of aflatoxin biosynthesis of dichlorvos. [Aspergillus parasiticus, feed, contamination]. Hsieh, D P H *J Agr Food Chem* 21 (3): 468-470. Ref. May/June 1973

074338 44.8 J822
Effect of moisture, pressure, & temperature on enzymatic starch degradation of barley & sorghum grain. [Cattle, feed]. Frederick, H M *J Dairy Sci* 56 (5): 595-601. Ref. May 1973

074339 389.8 F7322
Some effects of beta amylolytic degradation of pastes of waxy maize starch. Dahle, L *J Food Sci* 38 (3): 484-485. Mar/Apr 1973

074340 382 SO12
Bacteriological condition of animal feeds: a survey to aid in determining product standards for proteinaceous feed ingredients. Mossel, D A A *J Sci Food Agr* 24 (5): 499-508. Ref. May 1973

074341 60.9 J27
Influence of level of initial air inclusion in ensiling on quality of silage. X. Relation between level of initial air inclusion & degree of protein breakdown during early stage of ensilage. [Lolium multiflorum]. (Jap) Takahashi, M *Jap Soc Grassland Sci J* 18 (4): 242-251. Ref. Eng. Sum. Dec 1972

074342 60.9 J27
Investigation on analysis of organic acids in silage by Flieg's distillation method. (Jap) Ohyama, Y *Jap Soc Grassland Sci J* 18 (4): 260-266. Ref. Eng. Sum. Dec 1972

074343 HD1491.G3K6
New ways of utilization of sugar beets in large scale feed industry. (Ger) Zausch, M *Kooperation* 6 (11): 21-23, 26-27. Nov 1972

074344 58.8 L235
Feed processing for high performance cows. (Ger) Riemann, U *Landtechnik* 27 (23/24): 589-593. Dec 1972

074345 11 L234
Hay harvested early yields a higher quality fodder. (Swe) Lindell, L *Lantmannen* 84 (7): 29-30. Apr 13, 1973

074346 18 N39
Silage technique for corn silage. (Ger) Zimmer, E *Mitt Deut Landwirt-ges* 88 (17): 480-482. Apr 26, 1973

074347 17 M69
A new key in evaluation of dried feed for practice. (Ger) Bickel, H *Mitt Schweiz Landwirt* 21 (3): 42-46. Ref. Mar 1973

074348 17 M69
Zinc content of fodder from pastures in Switzerland. (Ger) Hasler, A *Mitt Schweiz Landwirt* 21 (4): 61-70. Ref. Apr 1973

074349 298.8 M89
Measurement & control in grain cleaning programing. (Ger) Oetiker, H *Muhle Mischfuttertech* 110 (15): 225-227. Eng. Sum. Apr 12, 1973

074350 298.8 M89
New mixed feed works on Nord-Ostsee-Kanal. (Ger) Wehner, G *Muhle Mischfuttertech* 110 (16): 245-246. Apr 19, 1973

074351 298.8 M89
A contribution to the quantitative determination of amino-acid contents of animal feedstuffs and mixed meals. (Ger) Tanner, H *Muhle Mischfuttertech* 110 (16): 249-251. Eng. Sum. Apr 19, 1973

074352 298.8 M89
Determination of piece firmness of pellets: A suggestion for standardization. [Feed]. (Ger) Friedrich, W *Muhle Mischfuttertech* 110 (18): 279-282. Ref. May 3, 1973

074353 11 N8122
Protein in packaged, standard feed concentrates. (Nor) Presthegge, K *Norsk Landbruk* 4: 12-13, 36. Feb 22, 1973

074354 20.5 P84
Problem of available lysin in light of latest research. [Feed]. (Pol) Raczynski, G *Postepy Nauk Roln* 19 (6): 127-139. Ref. Nov/Dec 1972

074355 47.8 AM33P
Stability of inorganic selenium in premixes. Olson, O E *Poultry Sci* 52 (1): 403-406. Jan 1973

074356 450 SA8
Cryptococci of commercial bird feeds. II. Cryptococcus spp. in association with milo (Sorghum vulgare var. subglabrescnes. Kretchmer, P B *Sabouraudia* 11 (1): 30-32. Mar 1973

074357 99.8 W143
Carbohydrate feed-stuff made out of wood. (Ger) Tomcuk, R *Sozialistische Forstwirtsch* 22 (10): 313-314. Oct 1972

074358 19.5 ST2
Development & aims of feed industry in central Bohemia. (Cze) Hakl, Z *Statni Statky* 16 (1): 10-11. 1973

074359 41.9 SV23
General comments on feed. (Swe) Andersson, L *Svensk Veterinartidn* 25 (9): 336-337. May 1973

074360 298.8 SE42
Final notes on feedstuffs integrators. (Ita) Caselli, R *Tec Molitoria* 24 (2): 5-11. Jan 30, 1973

074361 298.8 SE42
Laboratory control in feed plant. (Ita) Caselli, R *Tec Molitoria* 24 (4): 99-102. Feb 1973

074362 49 T445
Efficacious silage supplements. (Ger) Gross, F *Tierzuchter* 25 (4): 152-153. Apr 5, 1973

074363 49 T445
Farm organizational measures. [Feed]. (Ger) Maronde, E *Tierzuchter* 25 (4): 153-154, 156. Apr 5, 1973

074364 11 T58
Briquetting grass after addition of lye & conditioning. (Dan) Israelsen, M *Tolvmandsbladet* 45 (4): 177-182. Apr 1973

074365 18 UB3
Mixed feed prepared on farm using mobile milling & mixing installations. (Ger) Acker, W *Ubersicht* 24 (4): 290-295. Apr 14, 1973

074366 41.8 V6426
Anxiety over quality of feeds – an important factor. (Rus) Shekir, N A *Veterinariia* 10: 27-28. Oct 1972

074367 49.9 R92
Results of studying technology of conserving & improving nutritive value of feeds. (Rus) Zubrilin, A A *Vses Nauchissled Inst Zhivotn Tr* 34: 178-183. 1972

074368 389.9 W26
Utilization of pine sawdust in the production of feed yeast. (Pol) Malanowska, J *Warsaw Inst Lab Badaw Przlem Spozyw Pr* 22 (4): 543-564. Ref. Eng. Sum. 1972

074369 389.79 F98
Influence of formalin & of additives containing formalin on ensiling process & rumen digestion of dairy cows. (Ger) Honig, H *Wirtschaftseigene Futter* 19 (1): 21-30. Ref. Eng. Sum. Jan/Mar 1973

074370 49 Z6
Scientific-technical premises for organizing production of mixed feeds on farms. (Rus) Firiulin, N S *Zhivotnovodstvo* 2: 25-31. Feb 1973

074371 49 Z6
Pelleting of grass meal & chopped hay. (Rus) Koroleva, R S *Zhivotnovodstvo* 2: 34-36. Feb 1973

074372 49 Z6
Processed poultry manure for use in mixed feeds. (Rus) Denisov, N I *Zhivotnovodstvo* 2: 45-47. Feb 1973

074373 49 Z6
Food wastes as supplemental sources of feeds. (Rus) Tishchenko, A V *Zhivotnovodstvo* 4: 42-43. Apr 1973

074374 49 Z6
Quality of haylage requires more attention. (Rus) Gordienko, G I *Zhivotnovodstvo* 4: 49-50. Apr 1973

ANIMAL HUSBANDRY

074375 S544.3.W6W53
Test Interval Method, an important DHI [Dairy herd improvement] change for Wisconsin dairyman. [Lactation records]. Sendelbach, A G *A Coop Ext Programs Univ Wis* 2499, 3 P. Apr 1973

074376 SF1.A2
Contribution to evaulation of utility of some breeds & utility types of cattle in Harvestor system on MSCPV Nitra. [Dairy barns]. (Slo) Hucko, V *Acta Zootech* 24: 77-86. Ref. Eng. Sum. 1972

074377 SF1.A2
Study of effect of different factors on slaughter value indicators of pigs. (Slo) Novy, J *Acta Zootech* 24: 97-103. Eng. Sum. 1972

074378 S1.A29
These breeders placed following points in prominence as to administration of meat type breeder herd. [Cattle]. (Fre) Champagne, B *Agric Prog* 5 (3): 14, 16-17. Apr 1973

074379 279.8 AR2
On introduction history of mammals & birds in U.S.S.R., in People's Republic of China & Mongolian People's Republic. (Ger) Kirk, G *Arch Naturschutz Landschaftsforsch* 13 (1): 3-20. Ref. Eng. Sum. 1973

074380 SF95.A9
Present topics in swine rearing: Swine production in European Economic Community. (Pol) Juana Sardon, A de *Av Aliment Mejora Anim* 14 (1): 31-32. Jan 1973

074381 412.629 D23
Danish Fur Farmers Society; report of activities for 1971/1972. (Dan) *Beret Dan Pelsdyravlerforen* 29, 90 P. 1972

074382 47.9 D41
Voluntary brood house inspection. (Dan) Sorensen, L Y *Beret Landsudv Fjerkraevlen* P. 97-112. 1972

074383 280.28 B633
Suitability of sheep on a cattle farm. (Dut) Groot, A G de *Bolwerk* 19: 8-9. Mar 1973

074384 19.5 C333
Results of scientific investigations in animal production. (Slo) Zaujcova, L *Cesk Akad Zemed Vestn* 20 (3): 118-121. 1973

074385 60.9 C46
High-country hogget management. 3. [Swine]. Thompson, K F *Christchurch Tussock Grassland Mountain Lands Inst Rev* 25: 62-70. Dec 1972

074386 100 C71G (1)
Effects of three lighting regimes on broiler performance. [Housing]. Quarles, C L *Colo Agr Exp Sta Gen Ser* 931: 12-13. May 1973

074387 100 C71G (1)
Effect of atmospheric ammonia stress on Leghorn chickens. Kling, H F *Colo Agr Exp Sta Gen Ser* 931: 13-16. May 1973

074388 100 C71G (1)
Nursery facilities for post weaning. [Swine]. Heeney, M W *Colo Agr Exp Sta Gen Ser* 931: 4. May 1973

074389 44.8 D1444
Know your calves & cows. Ashwood, A M *Dairy Top* 18 (1): 23-25. Jan 1973

074390 44.8 D1444
Calves for dairy beef. Chittick, J B *Dairy Top* 18 (1): 3-6. Jan 1973

074391 HD9437.D4D3
European trials with broilers. (Dan) Borsting, E *Dan Erhvervsfjerkrae* 2 (7/8): 162-163. Apr 15, 1973

074392 412.628 D48
A screen for dry maintenance of nutria. (Ger) Grohnert, H *Deut Pelztierzuchter* 47 (3): 47-48. Mar 1, 1973

074393 412.628 D48
1973 berlin 'Green Week'. [Minks, chinchillas]. (Ger) Martin, U *Deut Pelztierzuchter* 47 (3): 49-50. Mar 1, 1973

074394 HD1970.A1E2
Raising of livestock in Alpine region. [Cattle]. (Ita) Bonadonna, T *Econ Mont* 4 (32): 183-184. July 1972

074395 HD1970.A1E2
Raising of beef cattle in a permanent free state. (Ita) Vallerani, R *Econ Mont* 4 (32): 185, 187. July 1972

074396 HD1970.A1E2
Possibilities for development of raising of horses. (Ita) Basile, A *Econ Mont* 4 (32): 191-192. July 1972

074397 SF481.F53
Climate regulation in hen house: an economic viewpoint. (Swe) Jonsson, E *Fjaderfa* 66 (3): 78-80. Mar 1973

074398 47.8 G43
Technical aspects in rearing of rabbits. (Ita) Gologna, S *G Allevatori* 23 (1): 20-24, 26. Jan 1973

074399 47.8 G43
Some important problems in intensive rearing of rabbits for meat. (Ita) Willems, A E R *G Allevatori* 23 (1): 97-101. Jan 1973

074400 S15.G5
Advice from a zootechnician. [Cattle]. (Por) Garcia de Menezes, D *Gleba* 16 (204): 33-35. Oct 1972

074401 S15.G5
Turning of eggs do not improve incubation. (Por) Monte, F P *Gleba* 18 (205): 41-43. Nov 1972

074402 389.78 G98
Early weaning experiences in calf rearing. (Ger) Turek, F *Gute Rat Futterungsfragen* 12 (1): 2-5. Mar 1973

074403 47.8 AV5
Commentaries on weaning of piglets at three weeks. (Spa) Jans, J *Hens Rev Tec Ganad* 13 (146): 6-7. Dec 1972

074404 44.8 H65
Here are tips on keeping track of a large herd. [Dairy cattle]. Wells, R C *Hoards Dairyman* 118 (10): 678-679. May 25, 1973

074405 44.8 IN26
How to choose milking room. (Spa) Mulville, C *Indus Leche* 54 (629): 20-24. Jan/Feb 1973

074406 49 IN3
Animal waste sanitation & disposal. (Ita) Daghetta, A *Inform Zootec* 19 (18): 6-9. Sept 21, 1972

074407 20 M57AG
Barn climate in industrial swine production. (Ger) Stofanov, P *Int Z Landwirt* 2: 212-215. 1973

074408 20 M57AG
Experiences from industrial rabbit rearing. (Ger) Holdas, S *Int Z Landwirt* 2: 216-218. 1973

074409 20 M57AG
Meeting of Special Council for Sheep Rearing. (Ger) Ajuusch, S *Int Z Landwirt* 2: 227-228. 1973

074410 20 M57AG
Advice for broiler production. (Ger) Gurtschenko, W *Int Z Landwirt* 6: 716. 1972

074411 16 IT1
Extensive livestock farming in central Italy: Evaluation & experimentation with white breeds of beef cattle. [Chiana, Marche, Romagna, Maremma]. (Ita) Rutili, G *Ital Agr* 109 (12): 1367-1382. Dec 1972

074412 410 J828
Studies in sheep population & environment in mountains of north-west Wales. I. status of sheep in mountains of north wales since mediaeval times. Hughes, R E *J Appl Ecol* 10 (1): 113-132. Ref. Apr 1973

074413 44.8 J822
Abstracts of papers to be presented at sixty-eighth annual meeting of American Dairy Schience Association, Washington State University, Pullman June 24-27, 1973. *J Dairy Sci* 56 (5): 621-684. May 1973

074414 60.18 J82
Waterfowl production on stock-watering ponds in northern plains. [Ducks]. Lokemoen, J T *J Range Manage* 26 (3): 179-184. Ref. May 1973

074415 QL1.K6
Did wild animals domesticate man. Aquillo, D *Koolewong Proc R Zool Soc N S W* 1 (1): 10-11. Mar 1972

074416 58.8 L239
Pedicuring cattle, equipment approved by German Agricultural Association for claw care. (Ger) Schrodl, J *Landmasch -Markt* 52 (2): 18-19. Feb 12, 1973

074417 12 L29
Sheep trials in Stockholm County, 1972. (Swe) Svennersjo, S O *Lantbrukstidskr Stockh Lan Stad* 23 (1): 17-19. 1973

074418 9.2 L39
Cattle rearing in new dimension; agricultural cooperative of Miracema [Brazil]. (Por) Campelo, J C F *Lavoura* 76 (1): 10-11. Jan/Feb 1973

074419 S13.M4
Control stables for bred heifers. (Cze) Suchanek, B *Metod Zavadeni Vysledku Vyzk Praxe* 22, 19 P. 1972

074420 SF221.M5
Dairy cattle maintenance in Dutch farms: Two examples. (Ger) Schoeffel, W *Milch Praxis* 11 (2): 14-16. May 1973

074421 SF221.M5
Thoughts on driving cattle to pasture. (Ger) Kemme, J *Milch Praxis* 11 (2): 24-25. May 1973

074422 SF221.M5
Fair animal milking with optimal milk output. [Cattle]. (Ger) Hesselbarth, *Milch Praxis* 11 (2): 28-29. May 1973

074423 18 N39
Specialization in dairy, fattening or rearing young cattle? (Ger) Riebe, K *Mitt Deut Landwirt-ges* 88 (12): 324-325. Mar 22, 1973

074424 18 N39
Technique for rearing poultry. (Ger) Alteneder, K *Mitt Deut Landwirt-ges* 88 (18): 518-520. May 3, 1973

074425 442.9 M855T
To history of ancient cattle husbandry in south of USSR. (Rus) Formozov, A A *Moskov Obshch Ispytatelei Prirody Tr Otd Biol* 48: 19-25. Ref. Eng. Sum. 1972

074426 442.9 M855T
Management of herds of hoofed animals. (Rus) Baskin, L M *Moskov Obshch Ispytatelei Prirody Tr Otd Biol* 48: 26-37. Ref. Eng. Sum. 1972

074427 412.628 N812
Shipping mink pups. (Nor) Amdal, L *Norsk Pelsdyrbl* 47 (7/8): 217-220. Apr 10, 1973

074428 10 N81
Sheep – management of upland flocks. *Northern Ireland Min Agr Adv Serv Leafl* 25, 14 P. 1973

074429 S544.3.O5O5
Buying & managing feeder pigs. Luce, W G *Okla State Univ Coop Ext Serv OSu Ext Facts* 3656, 4 P. Apr 1973

074430 100 OR3M
Summary of reports: 1973 sheep & wool day. *Oreg Agr Exp Sta Spec Rep* 382, 43 P. May 1973

074431 100 OR3M
Pipestone sheep project – will it work in Oregon? Holaway, D *Oreg Agr Exp Sta Spec Rep* 382: 26-36. May 1973

074432 100 OR3M
15Th annual Beef Cattle Day report, May 19, 1973. *Oreg Agr Exp Sta Spec Rep* 384, 58 P. Ref. May 1973

074433 100 OR3M
Range beef cattle management. Raleigh, R J *Oreg Agr Exp Sta Spec Rep* 384: 26-29. May 1973

074434 100 OR3M
Early weaning of beef calves. McArthur, J A B *Oreg Agr Exp Sta Spec Rep* 384: 35-38. May 1973

074435 57.8 OR32
Let's hear it for ducks. Hofstetter, R *Org Gard Farming* 20 (6): 50-53. June 1973

074436 45.8 OV4
Possible new directions in classification system of our Corriedale sheep in shows. (Spa) Allan, F *Ovina* 35 (412): 12-13, 30. (Continued) Dec 1972

074437 45.8 OV4
French sheep rearing. (Spa) Hiron, J C *Ovina* 35 (412: 19. Dec 1972

074438 19.5 P752
Research of weaning of piglets at age of three weeks from point of view of production & economic effect & with respect to number of piglets being reard. (Slo) Cupka, V *Pol'nohospodarstvo* 19 (1): 30-39. Ref. Eng. Sum. 1973

074439 47.8 AM33P
Rearing broiler sexes separate versus combined. Deaton, J W *Poultry Sci* 52 (1): 16-19. Ref. Jan 1973

074440 47.8 AM33P
Performance of broilers in cages. Andrews, L D *Poultry Sci* 52 (2): 723-728. Ref. Mar 1973

074441 SF1.P7
Evaluation of meatness of cattle according to rib-eye area (musculus longissimus dorsi). (Cze) Pasek, V *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 1: 129-144. Ref. Eng. Sum. 1972

074442 QE761.P7
Domesticated fowl from archaeological monuments of Ukraine. (Rus) Umanskaia, A S *Prir Obstanovaka Fauny Proshlogo* 6: 71-95. Ref. 1972

074443 49 P952
Sow productivity in piglet rearing farms of Lublin province. (Pol) Stenzel, R *Przegl Hodowlany* 41 (17): 14-16. Sept 1/15, 1972

074444 41.8 R24
Decline of animal power & rearing of solipeds & mechanization of agriculture. VII. Present production of solipeds. [Horses]. (Fre) Moine, G *Rec Med Vet* 149 (4): 523-532. Ref. Eng. Sum. Apr 1973

074445 43.8 R32
Mustang horse. (Por) Nelson Frota, J *Rev Criadores* 43 (517): 109-112. Jan 1973

074446 43.8 R32
Ended with success: Fifth Weight Gain Test of Sertaozinho. [Cattle, Brazil]. (Por) Passos, J B *Rev Criadores* 43 (517): 58-59. Jan 1973

074447 9.4 R328
Rabbit rearing occupation. (Spa) Marquez Yanez, A *Rev Esso Agr* 19 (1): 10-15. Jan/Mar 1973

074448 9.4 R328
Canaries. (Spa) Sanchez V, H D *Rev Esso Agr* 19 (1): 22-25. Jan/Mar 1973

074449 9.4 R328
Capybara as an economic & food resource. (Spa) Otero de la Espriella, R *Rev Esso Agr* 19 (1): 5-9. Jan/Mar 1973

074450 SF15.M6R49
Productivity of a Brahman herd in Colombia. (Spa) Escobar, A *Rev Mex Prod Anim* 4 (1): 13-16. Eng. Sum. July 1972

074451 19.5 ST2
Main trends in animal porduction development up to year 1985. (Cze) Otmar, B *Statni Statky* 16 (1); 4-5. 1973

074452 19.5 ST2
Relationship between milk & veal production in europe. (Cze) Biedermann, L *Statni Statky* 16 (3): 58-59. 1973

074453 S671.S8
Mechanization of large-scale enterprises of cattle production – feeding of dairy cows & manure removal (Review). (Cze) Husek, J *Stud Inf Zemed Tech* 1, 84 P. Ref. Eng. Sum. 1973

074454 11 SW3ME
Premium list for horses, 1972. (Swe) *Swed Lantbrukstyr Medd Ser B* 97, 124 P. 1973

074455 100 T25F
Effect of number of pigs per pen on performance of growing-finishing swine. Masincupp, F B *Tenn Farm Home Sci Progr Rep* 85: 12-14. Jan/Mar 1973

074456 S9.T4
Rearing of rabbits. (Ita) Sereni, S *Terra Vita* 13 (45): 17-20. Nov 17, 1972

074457 49 T443
Reducing 'empty' milking by automatic interruption of milking operation upon end of milk-flow. (Ger) Hoffmann, H W *Tierzucht* 2((2): 78-80. Feb 1973

074458 49 T443
Experience gained in ensuring a high milk production in winter half-year. [Dairy cattle]. (Ger) Weber, H *Tierzucht* 27 (1): 27-29. Jan 1973

074459 49 T443
Studies regarding influence of pressure & temperature stimuli on rate & completeness of mechanical milking. (Ger) Frommholdt, W *Tierzucht* 27 (2): 76-78. Feb 1973

074460 49 T443
Technological aspects of milking in herringbone milking parlour. (Ger) Ebendorf, W *Tierzucht* 27 (2): 89-91. Feb 1973

074461 49 T443
Production of hybrid calves for fattening in country of Neubrandenburg. (Ger) Schultz, G *Tierzucht* 27 (4): 147-148. Apr 1973

074462 49 T443
Some problems of pig farming in Czechoslovakia under industry-like conditions of production. (Ger) Sidor, V *Tierzucht* 27 (5): 196-198. May 1973

074463 49 T443
Tasks of pig production as seen from meat-processing combine view. (Ger) Dietrich, H *Tierzucht* 27 (5): 201-203. May 1973

074464 49 T443
Experience & results of Gladau interfarm co-operative establishment in boosting pork production. (Ger) Busse, L *Tierzucht* 27 (5): 207-210. May 1973

074465 49 T443
Contribution to improvement of efficiency in pork production. (Ger) Weissenstein, E *Tierzucht* 27 (5): 210-211. May 1973

074466 49 T443
Results of individual performance testing by ultrasonic measurement under aspect of German Democratic Republic bred lines of German Landrace & German Improved swine. 2. Individual performance (Ger) Pfeiffer, H *Tierzucht* 27 (5): 215-218. May 1973

074467 49 T443
Possibilities of rationalizing pig production by shortening suckling periods. (Ger) Schlegel, W *Tierzucht* 27 (5): 219-220. May 1973

074468 49 T443
Working conditions in dairy units. (Ger) Fleischer, K *Tierzucht* 27 (5): 235-236. May 1973

074469 49 T445
Dairy cattle housing in Hungary. [Dairy barns]. (Ger) Schlichting, M C *Tierzuchter* 25 (3): 122-124. Mar 5, 1973

074470 11 T58
Stall environment & production of baby pigs. (Dan) Jensen, P H *Tolvmandsbladet* 45 (2): 81-83. Feb 1973

074471 11 T58
A system for production of baby pigs. (Dan) Jensen, P H *Tolvmandsbladet* 45 (3): 129-133. Mar 1973

074472 20 V633
Contribution of scientists to intensification of of swine production. (Rus) Pocherniaev, F K *Vestn Sel'skokhoz Nauk (moscow)* 10: 6-8. Oct 1972

074473 20 V633
Technology of industrial beef production in animal husbandry complex Voronove in Moscow Region. (Rus) Levantin, D L *Vestn Sel'skokhoz Nauk (moscow)* 10: 71-79. Oct 1972

074474 20 V633
Contribution of scientists of All-Union Institute of Animal Industry. [Research]. (Rus) Ernst, L K *Vestn Sel'skokhoz Nauk (moscow)* 3: 121-125. Mar 1973

074475 20 V633
Microclimate under green canopies & productivity of sheep. (Rus) Teriukov, A G *Vestn Sel'skokhoz Nauk (moscow)* 3: 137-140. Mar 1973

074476 20 V633
Ethological problems of animal industry. (Rus) Noskov, N M *Vestn Sel'skokhoz Nauk (moscow)* 4: 113-120. Ref. Apr 1973

074477 41.8 V641
Sheep industry of United Kingdom. Stamp, J T *Vet Rec* 92 (22): 576-577. June 2, 1973

074478 41.8 V641
Lowland sheep management systems. [Great Britain]. Boaz, T G *Vet Rec* 92 (22): 577-580. June 2, 1973

074479 41.8 V641
Management systems & productivity of hill & upland sheep. [Great Britain]. Cunningham, J M M *Vet Rec* 92 (22): 581-584. June 2, 1973

074480 41.8 V6439
Lactation as an indicator in planning milk production. (Cze) Brauner, P *Veterinarstvi* 23 (3): 102-103. 1973

074481 41.8 V6439
Large-scale rabbit production for meat as a new branch of large-scale animal production & veterinary care. (Cze) Konrad, J *Veterinarstvi* 23 (4): 182-184. 1973

074482 41.9 V83
Primary productive properties of swine & their interrelationships. (Rus) Nikulina, A I *Vitebsk Vet Inst Uch Zap* 25: 174-177. 1972

074483 20 AK1
Radio telemetry system for study of technological parameters of laying-hen quarters. (Rus) Klimov, A A *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 3: 37-40. Mar 1973

074484 20 AK1
Improving cattle in northern region of Pechora. [Dairy cattle, breeding]. (Rus) Rochev, P A *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 4: 27-28. Apr 1973

074485 20 AK1
Meat productivity of young Tombov Red, Black Pied & Simmental bulls with large-scale raising & fattening. (Rus) Ovchinnikova, E S *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 4: 31-32. Apr 1973

074486 49.9 R92
Basic results on studying development of production technology for beef in beef cattle industry. (Rus) Dudin, S IA *Vses Nauch-issled Inst Zhivotn Tr* 34: 184-193. 1972

074487 49.9 R92
Effective methods & technology of large-scale raising, pasturing & fattening of young cattle. (Rus) Levantin, D L *Vses Nauch-issled Inst Zhivotn Tr* 34: 194-212. 1972

074488 49.9 R92
Developing scientifically based systems for organizing & technology of raising cattle. (Rus) Tsynkov, M IU *Vses Nauch-issled Inst Zhivotn Tr* 34: 241-248. 1972

074489 49.9 R92
Primary results of scientific research work of institute for years 1966-1970. [Animal industry]. (Rus) Ernst, L K *Vses Nauch-issled Inst Zhivotn Tr* 34: 3-12. 1972

074490 103 W52AD
Rams at tupping. *West Scot Agr Coll County Adv Leafl* 1038 3 P. Oct 1972

074491 49 Z6
Determining milk content of sheep according to udder indices. (Rus) Rachkovskii, M L *Zhivotnovodstvo* 2: 21-22. Feb 1973

074492 49 Z6
Problems of raising broilers in cages. (Rus) Stolliar, T A *Zhivotnovodstvo* 3: 77-81. Mar 1973

074493 49 Z6
Industrialized poultry raising in Cuba. (Rus) Sliusar, P M *Zhivotnovodstvo* 3: 90-95. Mar 1973

074494 49 Z6
Herd raising of horses & camels, an important factor in producing animal industry products. (Rus) Barmintsev, IU N *Zhivotnovodstvo* 4: 24-30. Apr 1973

074495 49 Z6
Increasing productivity in camel raising. (Rus) Terent'ev, S M *Zhivotnovodstvo* 4: 32-34. Apr 1973

074496 49 Z6
Conditions of raising & housing breeder livestock. (Rus) Mikhailov, N N *Zhivotnovodstvo* 4: 78-79. Apr 1973

LIVESTOCK BIOLOGY

074497 512 W262
Ontogenic development of thyroid gland in goslings. Kaciuba-Uscilko, H *Acad Polon Sci Bull Ser Sci Biol* 21 (2): 161-164. Ref. 1973

074498 41.9 R24
Study of metabolism of carbon 14 marked cholesterol in chick. (Fre) Rico, A G *Acad Vet France Bull* 45 (10): 499-504. Dec 1972

074499 444.8 AC82
Size of allocortical regions in telencephalon of wild boar & domestic pig. (Ger) Kruska, D *Acta Anat* 84 (3): 387-415. Ref. Eng. Sum. 1973

074500 444.8 AC82
Kidney vascular supply in rat, cat & dog. Fuller, P M *Acta Anat* 84 (4): 516-522. 1973

074501 444.8 AC82
Correlative histochemical & ultrastructural observations on mitochondria of ram spermiogenesis. Guraya, S S *Acta Anat* 84 (4): 552-558. 1973

074502 385 AC85AE
Trypsin inhibitor from bovine pituitary. Lisowski, J *Acta Biochim Pol (transl)* 19 (2): 125-132. Ref. 1972

074503 385 AC85AE
Partial purification & properties of 'cytoplasmic 3-hydroxybutyrate dehydrogenase' from sheep kidney. Zawierucha, R *Acta Biochim Pol (transl)* 19 (2): 133-143. Ref. 1972

074504 448.8 AC85
Plasma insulin & growth hormone in dairy cows; diurnal variation & relation to food intake & plasma sugar & acetoacetate levels. Hove, K *Acta Endocrinol* 73 (2): 289-303. Ref. June 1973

074505 41.8 AC84
Citric acid & calcium in blood of Sicily's goat. (Ita) Caola, G *Acta Med Vet* 18 (3/4): 129-136. Ref. Eng. Sum. May/Aug 1972

074506 41.8 AC84
Blood circulation in ovarian follicle of ovaries of certain mammals. [Cats, rabbits, sheep]. (Ita) Antonucci, R *Acta Med Vet* 18 (3/4): 201-211. Ref. Eng. Sum. May/Aug 1972

074507 41.8 AC84
Structure of pulmonary vascular system in some mammals. [Rabbits, cats]. (Ita) Andreozzi, G *Acta Med Vet* 18 (3/4): 213-227. Ref. Eng. Sum. May/Aug 1972

074508 442.8 AC8
Central & peripheral temperatures & EEG changes during behavioural thermoregulation in pigs. Baldwin, B A *Acta Neurobiol Exp* 33 (2): 433-447. Ref. 1973

074509 RB1.A36
Antigen-stimulated DNA synthesis in bursa of Fabricius of chicken. Back, R *Acta Pathol Microbiol Scand Sect A Pathol* 81a (3): 337-343. Ref. May 1973

074510 444.8 AC8
Effect of ventral hippocampal lesions on a conditioned alimentary response in cats, in conditions of statition & starvation. Gralewicz, S *Acta Physiol Polon* 24 (2): 297-304. Ref. Mar/Apr 1973

074511 444.8 AC8
Specific changes in defensive behavior of cats following injection of d-tubocurarine into hypothalamic areas. Romaniuk, A *Acta Physiol Polon* 24 (2): 305-313. Ref. Mar/Apr 1973

074512 444.8 AC8
Avoidance response after lesions of dorsal hippocampus in cats. Eckersdorf, B *Acta Physiol Polon* 24 (2): 315-324. Ref. Mar/Apr 1973

074513 444.8 AC8
Role of osmoreception in portal ciruclation in control of water intake in dogs. Kozlowski, S *Acta Physiol Polon* 24 (2): 325-330. Mar/Apr 1973

074514 444.8 AC8
Intracellular recording from in situ working dog heart in physiological conditions & during acute ischemia & fibrillation. Czarnecka, M *Acta Physiol Polon* 24 (2): 331-337. Ref. Mar/Apr 1973

074515 444.8 AC8
Activity of adrenergic system during prolonged running in dogs. Brzezinska, Z *Acta Physiol Polon* 24 (2): 339-345. Ref. Mar/Apr 1973

074516 444.8 AC8
Effect of intravenous noradrenaline infusion on plasma noradrenaline level, its urinary excretion & plasma free fatty acid concentration in dogs. Brzezinska, Z *Acta Physiol Polon* 24 (2): 347-350. Mar/Apr 1973

074517 444.8 AC8
Effect of orally administered erythropoietin on erythropoiesis in experimental animals. [Rabbits]. Bielecki, M *Acta Physiol Polon* 24 (2): 351-356. Ref. Mar/Apr 1973

074518 444.8 AC8
Effect of catecholamines on in vitro release of free fatty acids in rats adapted to exercise at various temperatures. Gorski, J *Acta Physiol Polon* 24 (2): 357-360. Ref. Mar/Apr 1973

074519 QP1.A2
An indicator-dilution method for studying intestinal hemodynamics in cat. Biber, B *Acta Physiol Scand* 87 (4): 433-447. Ref. Apr 1973

074520 QP1.A2
Acetylcholinesterase activity is decreased after sexual maturation in bovine pineal gland. Aro, S *Acta Physiol Scand* 87 (4): 575-576. Apr 1973

074521 SF1.A2
Study of body shapes & live weight of auction rams of Valaska breed in Slovakia. (Slo) Gajkosik, M *Acta Zootech* 24: 139-148. Eng. Sum. 1972

074522 SF1.A2
Study of wool yield on various body parts of Cigaja breed of sheep. (Slo) Gajdosik, M *Acta Zootech* 24: 149-156. Eng. Sum. 1972

074523 SF1.A2
Dynamics of variability & correlation of live weights of Beltsville & medium-type Broad-Brested turkeys. (Slo) Stasko, J *Acta Zootech* 24: 157-168. Eng. Sum. 1972

074524 SF1.A2
Contribution to study of postnatal growth of intestine at Pekingnese ducklings. (Slo) Zemko, A *Acta Zootech* 24: 169-189. Ref. Eng. Sum. 1972

074525 SF1.A2
Study of calcium metabolism at unequally old chicks. Pjescak, M *Acta Zootech* 24: 21-28. 1972

074526 SF1.A2
To question of study of complexometric determination of calcium in hen eggshells. (Slo) Semjanova, E *Acta Zootech* 24: 29-41. Ref. Eng. Sum. 1972

074527 SF1.A2
Contribution to study of meat utility of Slovak Spotted breed. [Cattle]. (Slo) Botto, V *Acta Zootech* 24: 55-75. Eng. Sum. 1972

074528 SF1.A2
Contribution to study of growth of Pinzgau heifers since their calving until they were 24-month old. (Slo) Psota, T *Acta Zootech* 24: 87-95. Eng. Sum. 1972

074529 442.9 AK132
On distribution of mast cells in lungs & liver of certain ruminant species. [Cattle]. (Rus) Askerov, F B *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 4: 67-71. Ref. 1972

074530 442.8 AL6
Effect of catecholamines on oxytoxin activity of goat's blood. (Rus) Diusembin, Kh D *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 1: 72-74. Jan/Feb 1973

074531 442.8 AL6
Results of superovulation & interbreed zygote transplant in sheep. (Rus) Dzhanavekov, K *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 1: 75-80. Jan/Feb 1973

074532 511 AK192D
Adrenal function of Pekin ducks during maturation. 2. Adrenal reaction on adrenocorticotropin administration & testosterone propionate. (Rus) Sveistyte, A *Akad Nauk Litov Ssr Darbai Tr Ser C* 1 (57): 91-98. Ref. Eng. Sum. 1972

074533 389.8 J824
Comparative utilization of fish protein concentrate & cas ein-lactalbumin by college women. Tucker, R E *Amer J Clin Nutr* 26 (5): 503-509. Ref. May 1973

074534 447.8 AM3
Cardiovascular function in panting & nonpanting resting conscious dogs. Jennings, D B *Amer J Physiol* 224 (5): 1059-1065. May 1973

074535 447.8 AM3
Lipogenesis by in vitro liver & adipose tissue preparations from neonatal swine. Mersmann, H J *Amer J Physiol* 224 (5): 1123-1129. Ref. May 1973

074536 447.8 AM3
Adipose tissue composition & lipogenic capacity in developing swine. Mersmann, H J *Amer J Physiol* 224 (5): 1130-1135. May 1973

074537 41.8 AM3A
Exposure of cattle to controlled subzero temperature: growth hormone, glucose, & free fatty acid concentrations in plasma. Olsen, J D *Amer J Vet Res* 34 (6): 747-751. Ref. June 1973

074538 41.8 AM3A
Influence of fasting on blood gas tension, pH, [hydrogen-ion concentration] & related values in dogs. Pickrell, J A *Amer J Vet Res* 34 (6): 805-808. Ref. June 1973

074539 41.8 AM3A
A simple method for obtaining undiluted nasal secretions from cattle. McKercher, D G *Amer J Vet Res* 34 (6): 837-838. June 1973

074540 447.8 AN1
Thyroxine & development of tibia in embryonic chick. Hall, B K *Anat Rec* 176 (1): 49-64. Ref. May 1973

074541 448.3 AP5
Tissue distribution & metabolism of aflatoxin B.-14C[carbon] in broiler chickens. Mabee, M S *Appl Microbiol* 25 (5): 763-769. Ref. May 1973

074542 381 AR2
Molecular weight of pig liver microsomal carboxylesterase. Aune, K C *Arch Biochem Biophys* 156 (1): 115-121. Ref. May 1973

074543 381 AR2
Stearyl-CoA desaturase of bovine mammary microsomes. McDonald, T M *Arch Biochem Biophys* 156 (1): 223-231. Ref. May 1973

074544 381 AR2
Stimulation of [3H] uridine incorporation into muclear RNA of rat kidney by vitamin D metabolites. Chen, T C *Arch Biochem Biophys* 156 (1): 321-327. Ref. May 1973

074545 381 AR2
Bull semen nicotinamide adenine dinucleotide nucleosidase. VI. Fluorescence studies of enzyme with reduced nicotinamide adenine dinucleotide. Yuan, J H *Arch Biochem Biophys* 156 (1): 328-334. Ref. May 1973

074546 389.78 AR22
Acetylurea, acetamid as well as mixtures of compounds with urea as NPN-sources under in-vitro conditions. Protein & fatty acid porduction after acetylurea adaption of rumen fluid donor animal. [Sheep]. (Ger) Bergner, H *Arch Tierernahr* 23 (3): 183-195. Ref. Eng. Sum. Apr 1973

074547 41.8 AU72
Some local effects of 60 cobalt gamma radiation on equine carpus. 1. Effects of dermal blood flow & cutaneous temperature. Dixon, R T *Aust Vet J* 49 (3): 130-134. Ref. Mar 1973

074548 41.8 AU72
Some local effects of 60 cobalt gamma radiation on equine carpus. 2. Observed clinical effects & changes in estimated values of bone mineral content. Dixon, R T *Aust Vet J* 49 (3): 135-138. Ref. Mar 1973

074549 41.8 AU72
Liver function: a review. [Animals]. Hoe, C M *Aust Vet J* 49 (3): 163-169. Ref. Mar 1973

074550 442.8 AU72
Metabolism of cystine by Merino sheep genetically different in wool production. Iii. incorporation of radioactivity into wool fibres during & after intravenous infusions of l-[35S]cystine & its relationship to wood growth & efficien Williams, A J *Australian J Biol Sci* 26 (2): 465-476. Ref. Apr 1973

074551 442.8 AU72
Response of circulating cortisol levels in sheep to various stresses & to reserpine administration. Purchas, R W *Australian J Biol Sci* 26 (2): 477-489. Aref. Apr 1973

074552 41.8 B45
Effects of Rompun on circulation & rumenal motility in cow. (Ger) Wittke, G *Berliner Munchener Tierarztl Wochenschr* 86 (10): 181-185. Eng. Sum. May 15, 1973

074553 41.8 B45
Influence of different methods of transport on unesterised fatty acids, glucose & lactate in blood of pigs for slaughter. (Ger) Kraft, W *Berliner Munchener Tierarztl Wochenschr* 86 (10): 185-188. Ref. Eng. Sum. May 15, 1973

074554 442.8 B5236
A cross-linking study of beef erythrocyte membrane; Extensive interaction of all proteins of membrane except for glycoproteins. Capaldi, R A *Biochem Biophys Res Commun* 50 (3): 656-661. Ref. Feb 5, 1973

074555 442.8 B5236
Terminal riboadenylate transferase: A polyadenylate polymerase from calf thymus gland. Tsiapalis, C M *Biochem Biophys Res Commun* 50 (3): 737-743. Ref. Feb 5, 1973

074556 442.8 B5236
Role of Cai [calcium] in control of malic enzyme activity in bovine adrenal cortex mitochondria. Pfeiffer, D R *Biochem Biophys Res Commun* 50 (3): 807-813. Ref. Feb 5, 1973

074557 442.8 B5236
Oxidation of mega-hydroxylated fatty acids & steroids by alcohol dehydrogenase. [Horse, liver]. Bjorkhem, I *Biochem Biophys Res Commun* 52 (2): 413-420. Ref. May 15, 1973

074558 442.8 B5236
Substrate specificity of glycogen synthase phosphatase from bovine heart: Action on phosphorylase a & histone. Nakai, C *Biochem Biophys Res Commun* 52 (2): 530-536. Ref. May 15, 1973

074559 442.8 B5236
Analysis of a crosslinked peptide from calf bone collagen: Evidence that hydroxylysyl glycoside participates in crosslink. Eyre, D R *Biochem Biophys Res Commun* 52 (2): 663-671. May 15, 1973

074560 382 B52
Purification & properties of a single chicken pepsinogen fraction & pepsin derived from it. Green, M L *Biochem J* 133 (1): 105-155. Ref. May 1973

074561 382 B52
Fatty acid synthesis in brown fat & liver of foetal & newborn rabbits. Iliffe, J *Biochem J* 134 (1): 341-343. Ref. May 1973

074562 381 B523
Selective modification of tryptophan-149 in ovine pituitary lactogenic hormone. Kawauchi, H *Biochemistry* 12 (11): 2124-2130. Ref. May 22, 1973

074563 381 B522
Aryl hydroxylase induction in chick embryo by polycyclic hydrocarbons. Jellinck, P H *Biochim Biophys Acta* 304 (2): 520-525. Ref. Apr 28, 1973

074564 381 B522
Proteolytic digestion of proteins of milk fat globule membrane. Kobylka, D *Biochim Biophys Acta* 307 (1): 133-140. Apr 25, 1973

074565 381 B522
Effect of anoxia on sugar transport in avian erytgrocytes. [Geese]. Whitfield, C F *Biochim Biophys Acta* 307 (1): 181-196. Ref. Apr 25, 1973

074566 381 B522
Intestinal absorption of choline in chick. Herzberg, G R *Biochim Biophys Acta* 307 (1): 234-242. Ref. Apr 25, 1973

074567 383 SO1
Determintaion of rennin & pepsin in bovine gastric juice. (Fre) Antonini, J *Biochimie* 55 (2): 221-226. Ref. Eng. Sum. 1973

074568 QL876.B5
Development, cellular growth, & function of avian oviduct: Studies on magnum during a reproductive cycle of domestic fowl (Gallus domesticus). Yu, J Y L *Biol Reprod* 8 (3): 283-298. Ref. Apr 1973

074569 QL1.B5
Distribution of 90Sr[strontium] & 137Cs[cesium] in poultry organisms & in hen's eggs. Csupka, S *Biol Ser B Zool* 28 (2): 139-144. Ref. 1973

074570 QP501.B5
Distribution of xanthine-oxidase in eleven species of mammals. [Laboratory animals, livestock]. (Spa) Molina, H A *Bioquim Clin* 6 (2): 118-121. Eng. Sum. June 1972

074571 49 R324
Erythrocyte sedimentation in Throughbred horses from 1 to 12 months to life. (Por) Medeiros, L O *Bol Indus Anim* (New Ser.) 29 (1): 161-167. Ref. Eng. Sum. 1972

074572 49 R324
Weight gains as influencing development of mammary glands of female calves. (Por) Lucci, C de S *Bol Indus Anim* (New Ser.) 29 (1): 53-58. Eng. Sum. 1972

074573 49 R324
Observations on behaviour of dairy cows grazing para grass, Brachiaria mutica & elephsnt grass, Pennisetum purpureum. III. Grazing & ruminatio (Por) Lucci, C S *Bol Indus Anim* (New Ser.) 29 (1): 59-65. Eng. Sum. 1972

074574 396.8 B77
Myogenic peristalsis in isolated preparations of chicken oesophagus. Bartlet, A L *Brit J Pharmacol* 48 (1): 36-47. Ref. May 1973

074575 47.8 B77
Effects of different light regimes on sexual maturation of Fayoumi fowl. Kamar, G A R *Brit Poultry Sci* 14 (2): 149-152. Mar 1973

074576 S13.B7
Effect of hens laying performance on eggs hatchability. (Cze) Jurcova, Z *Brno Acta Univ Agr Fac Agron* 20 (3): 437-445. Eng. Sum. 1972

074577 41.8 C11
Functional aspects of the muzzle in cattle. (Fre) Toutain, P L *Cah Med Vet* 42 (1): 41-48. Ref. Eng. Sum. Jan/Feb 1973

074578 470 C16E
Characterization of canine hepatic & renal esterases. Ecobichon, D J *Can J Biochem* 51 (5): 506-513. Ref. May 1973

074579 470 C16E
Studies on avian mucopolysaccharide-peptide complexes & on in vivo incorporation of D-[1-14C]hexosamine. [Leghorn chickens]. Hilborn, J C *Can J Biochem* 51 (5): 642-653. Ref. May 1973

074580 41.8 C162
Effect of added serum & glucose, & some inherent factors, on phagocytosis in vitro by milk leukocytes from several cows. Newbould, F H S *Can J Comp Med* 37 (2): 189-194. Apr 1973

074581 470 C16D
Stress & in vitro lymphocyte stimulation by phytohemagglu tinin in Rocky Mountain bighorn sheep. Hudson, R J *Can J Zool* 51 (5): 479-482. Ref. May 1973

074582 470 C16D
Histogenesis of yolk sac in chick. Juurlink, B H J *Can J Zool* 51 (5): 509-519. Ref. May 1973

074583 QR180.C4
Chicken Harder's gland: evidence for a relatively pure bursa-dependent lymphoid cell population. Sundick, R S *Cell Immunol* 7 (2): 332-335. Ref. May 1973

074584 41.8 C61
Transaminases. [Livestock, blood enzymes]. (Ita) Ballarini, G *Clin Vet* 96 (1): 24-25. Ref. Jan 1973

074585 41.8 C61
Behavior of isoenzymes of creatine phosphokinase & lactic dehydrogenase in rats submitted to strenuous work. (Ita) Genchi, C *Clin Vet* 96 (2): 33-41. Ref. Eng. Sum. Feb 1973

074586 41.8 C61
Normal electrocardiogram of cat. (Ita) Zannetti, G *Clin Vet* 96 (2): 42-50. Ref. Eng. Sum. Feb 1973

074587 100 C71G (1)
Muscle fiber development in cattle during growth. Cornforth, D P *Colo Agr Exp Sta Gen Ser* 931: 38-39. May 1973

074588 100 C71G (1)
We can produce a more acceptable lamb! [Food habits]. Cramer, D A *Colo Agr Exp Sta Gen Ser* 931: 40-43. May 1973

074589 444.8 C73
Variation in yield & composition of ilk throughout lactation in guinea pig (Cavia procellus). Mepham, T B *Compar Biochem Physiol* 45 (2A): 273-281. Ref. June 1, 1973

074590 444.8 C73
Percentage of passively contracted fibres in rigor skeletal muscles from different species. [Mice, swine, cattle, turkeys] 5. Hooper, A C *Compar Biochem Physiol* 45 (2A): 411-416. June 1, 1973

074591 444.8 C73
Erythrocytic enzymes & glycolytic intermediates in normal bovine & in bovine erythropoietic prophyria. Zinkl, J *Compar Biochem Physiol* 45 (2A): 463-476. Ref. June 1, 1973

074592 444.8 C73
Effects of cold & glucagon on lipolysis,-glycogenolysis & oxygen consumption in young chicks. Polokangas, R *Compar Biochem Physiol* 45 (2A): 489-495. Ref. June 1, 1973

074593 444.8 C73
Calcium restriction & intestinal calcium-binding protein in laying fowl. Bar, A *Compar Biochem Physiol* 45 (2A): 571-577. June 1, 1973

074594 444.8 C73
Uterine calcium-binding protein in laying fowl. Bar, A *Compar Biochem Physiol* 45 (2A): 579-586. Ref. June 1, 1973

074595 444.8 C73
Factors affecting plasma ceruloplasmin activity in Gallus domesticus. [Chickens]. Freeman, B M *Compar Biochem Physiol* 45 (3a): 689-698. Ref. July 1, 1973

074596 444.8 C73
Erythrocyte 2,3-diphosphoglycerate in normal & porphyric fetal, neonatal & adult cattle. Zinkl, J *Compar Biochem Physiol* 45 (3a): 699-704. Ref. July 1, 1973

074597 442.8 C992
A microculture technique for chick leukocytes. Zartman, D L *Cytogenetics* 12 (2): 136-142. Ref. 1973

074598 41.8 D482
Investigations on oestrogen content in faeces of newborn calves. (Ger) Satrapa, R *Deut Tierarztl Wochensch* 80 (8): 179-181. Eng. Sum. Apr 15, 1973

074599 41.8 D482
Influence of different air velocity at mean & high environmental temperature on skin & body temperature, respiratory & pulse rate of pigs. (Ger) Rokicki, E *Deut Tierarztl Wochensch* 80 (8): 181-184. Ref. Eng. Sum. Apr 15, 1973

074600 41.8 D482
Effect of heat stress on milk production of cows. (Ger) Marschang, F *Deut Tierarztl Wochensch* 80 (8): 187-189. Ref. Eng. Sum. Apr 15, 1973

074601 41.8 D482
Minerals & trace elements in serum or plasma of horses. (Ger) Meyer, H *Deut Tierarztl Wochensch* 80 (8): 190-193. Ref. Apr 15, 1973

074602 24 EA74
Estimation of liveweight from heart girth within specified age/sex groups of Kenya range cattle. Young, D L *East Afr Agr Forest J* 38 (2): 193-200. Ref. Oct 1972

074603 448.8 EN2
Plasma calcium and inorganic phosphate response of laying hens to parathyroid hormone. Mueller, W J *Endocrinology* 92 (3): 853-856. Ref. Mar 1973

074604 QP501.E8
Primary structure of kappaB bovine caesine: complete sequence. (Fre) Mercier, J C *European J Biochem* 35 (2): 222-235. Ref. June 1973

074605 442.8 EX7
Ribosome crystalluzation in normal & in Marek's disease affected chicken. Simoni, P *Exp Cell Res* 78 (2): 433-400. Ref. Apr 1973

074606 SF321.N5
Blinking action on horses at excitment. (Jap) Sakurai, N *Exp Rep Equine Health Lab* 9: 67-73. Eng. Sum. Dec 1972

074607 SF321.N5
Studies on gas metabolism in light horses fed a complete pelleted ration. I. Gas metabolism at rest: efects of diets & season on gas metabolism at rest. (Jap) Nagata, Y *Exp Rep Equine Health Lab* 9: 84-89. Ref. Dec 1972

074608 475 EX7
Distribution of a renin-like enzyme in bovine adrenal bland. Ryan, J W *Experientia* 29 (4): 407-408. Ref. Apr 15, 1973

074609 475 EX7
Does vagal stimulation liberate secretin and/or cholecystokinin in pigs? Magee, D F *Experientia* 29 (5): 565-566. May 15, 1973

074610 45.9 SV2
Behavior patterns. 2. [Sheep]. (Swe) Hoflund, S *Farskotsel* 53 (3): 37-39. Mar 1973

074611 444.8 F58
On adjustment of calcium & strontium absorption in small intestine of chickens. (Rus) Bauman, V *Fiziol Zh Sssr I M Sechenova* 59 (4): 639-646. Ref. Eng. Sum. Apr 1973

074612 47.8 T432
Potential for antibiotics & other growth stimulants in poultry raising. (Nor) Hvidsten, H *Fjorfe* 90 (3): 61-63. Mar 1973

074613 444.8 C33
Microphthalmia in triploid chicken embryos from morphogenetical point of view. Slipka, J *Folia Morphol (Prague)* 21 (2): 118-120. 1973

074614 444.8 C33
Dislocations & malformations of thyroid glands experimentally produced in 4-day-old chick embryos. Lemez, L *Folia Morphol (Prague)* 21 (2): 121-124. Ref. 1973

074615 444.8 C33
Incidence & localization of heterotopic thymic tissue in branchiogenic organs of one-day-old chick. Lemez, L *Folia Morphol (Prague)* 21 (2): 125-129. 1973

074616 444.8 C33
Ultrastructure of motor end-plates in slow & fast chicken muscles during development. Zelena, J *Folia Morphol (Prague)* 21 (2): 144-145. 1973

074617 444.8 C33
Neurally induced changes of ultrastructure in slow muscle fibers of chick. Zelena, J *Folia Morphol (Prague)* 21 (2): 146-147. 1973

074618 444.8 C33
Relative amounts of elastic tissue & smooth muscle cells in small arteries of dog. Levicky, V *Folia Morphol (Prague)* 21 (2): 148-149. 1973

074619 444.8 C33
Topo-optical studies on onto-genetic changes of ground substance in epiphyseal cartilage of chick. Modis, L *Folia Morphol (Prague)* 21 (2): 205-208. 1973

074620 41.8 F712
Some recent data on structure, synthesis & effect of hypothalamic LH [luteinizing hormone] & FSH [follicle stimulating hormone]-releasing hormones & hypophyseal gonadotropins (FSH, LH). [Sheep, cattle]. (Slo) Arendarcik, J *Folia Vet* 16 (3/4): 85-100. Ref. Eng. Sum. 1972

074621 QD415.F4
On multiple forms of acid phosphatase in pig liver. Campbell, H D *FEbs Lett (fed Eur Biochem Soc)* 31 (1): 123-126. Apr 1, 1973

074622 QD415.F4
Characterisation of heparin in bovine liver capsule. Serafini-Eracassini, A *FEbs Lett (fed Eur Biochem Soc)* 32 (1): 116-118. Ref. May 15, 1973

074623 QD415.F4
Selective cleavage of single tryptophanyl peptide bond in horse heart cytochrome. Fontana, A *FEbs Lett (fed Eur Biochem Soc)* 32 (1): 139-142. Ref. May 15, 1973

074624 QD415.F4
Anion transport in beef adrenal cortex mitochondria. Michejda, J W *FEbs Lett (fed Eur Biochem Soc)* 32 (1): 161-165. Ref. May 15, 1973

074625 QD415.F4
Cadmium-induced synthesis of hepatic metallothionein in chicken & rats. Weser, U *FEbs Lett (fed Eur Biochem Soc)* 32 (1): 171-174. Ref. May 15, 1973

074626 QL801.G25
Development of skeleton in sheep & goat. II. Osteogenesis of hind leg. (Ger) Rajtova, Viera *Gegenbaurs Morphol Jahrb* 119 (1): 76-85. Ref. 1973

074627 442.8 H42
A bibliography of literature concerning chromosome identification – with special reference to fluorescence Giemsa staining techniques. [Plants, Animals]. Nilsson, B *Hereditas* 73 (2): 259-270. 1973

074628 442.8 H42
An estimate of magnitude of additive genetic variation of some mental characters in Alsatian dogs. [German Shepherd dogs]. Reuterwall, C *Hereditas* 73 (2): 277-283. 1973

074629 100 C12H
Physiological & nutritional consequences of brain lesions: a functional atlas of chick Feldman, S E *Hilgardia* 41 (19): 605-629. Ref. Mar 1973

074630 QH611.A1H58
Histochemical localization of 3betaand 17beta-hydroxysters oid dehydrogenases in male reproductive of domestic fowl (Gallus domesticus]. Tingari, M D *Histochem J* 5 (1): 57-63. Ref. Jan 1973

074631 384 Z38
Isolation and characterization of glycopeptides from pig aorta. II. (Ger) Kraska, B *Hoppe-seylers Z Physiol Chem* 354 (4): 462-466. Ref. Eng. Sum. Apr 1973

074632 QP141.A1J6
Beneficial effect of hydrolysed glucose-cycloacetoacetate on carbohydrate metabolism in high saturated fat fed animals. Deshmukh, K S *Indian J Nutr Diet* 10 (1): 14-17. Ref. Jan 1973

074633 QP141.A1J6
An 'in vivo' study on effect of different types of dietary lipids on microbial population in rumen of Zebu cattle. Marwaha, S R *Indian J Nutr Diet* 10 (1): 27-30. Ref. Jan 1973

074634 49 IN3
Noise: effects on domestic animals. (Ita) Bond,.J *Inform Zootec* 20 (1): 6-8. Jan 7, 1973

074635 448.3 IN8
Acholeplasma bactoclasticum sp. n., an anaerobic mycoplasma from bovine rumen. Robinson, J P *Int J Syst Bacteriol* 23 (2): 171-181. Ref. Apr 1973

074636 389.8 Z33
Vitamin A overdoses. II. Cytological & biochemical changes in blood of rats given high doses of vitamin A with or without alpha tocopherol. (Ger) Soliman, M K *Int J Vitam Nutr Res* 42 (4): 576-582. Ref. Eng. Sum. 1972

074637 20 M57AG
Utilization of nerval regulation of gland functions with inner secretion to control metabolism. [Livestock]. (Ger) Domanski, E *Int Z Landwirt* 4: 456-459. 1972

074638 107 J552
Effect of milking on fleece weight, cotts, hairiness & canary discoloration in Awassi dairy ewes. Goot, H *Israel J Agr Res* 22 (4): 221-224. Dec 1972

074639 381 J8223
Juvenile hormone analogs as in vitro inhibitors of rat liver microsomal oxidases. Mayer, R T *J Agr Food Chem* 21 (3): 360-362. May/June 1973

074640 381 J8223
Certain physiological factors affecting organochlorine pesticide metabolism in ovine females. Varela-Alvarez, H *J Agr Food Chem* 21 (3): 407-411. Ref. May/-June 1973

074641 381 J8223
Metabolism of hexachlorocyclohexane to chlorophenols & effect of isomer pretreatment of lindane metabolism in rat. Freal, J J *J Agr Food Chem* 21 (3): 424-427. Ref. May/June 1973

074642 49 J82
A study of some aspects of lifetime production in Targhee & Columbia sheep. Basuthakur, A K *J Anim Sci* 36 (5): 813-820. Ref. May 1973

074643 49 J82
Some factors affecting pig survival. Bereskin, B *J Anim Sci* 36 (5): 821-827. Ref. May 1973

074644 49 J82
Radioimmunoassay of ovine FSH.[follicle-stimulating hormone]. Dragt, C L *J Anim Sci* 36 (5): 908-913. Ref. May 1973

074645 49 J82
Control by progesterone of concentration of lipid droplets in epithelial cells of sheep endometrium. Brinsfield, T H *J Anim Sci* 36 (5): 919-922. May 1973

074646 49 J82
Effect of preslaughter fasting on some chemical properties of bovine muscle & liver. Carr, T R *J Anim Sci* 36 (5): 923-926. Ref. May 1973

074647 49 J82
Body surface area of female swine. Kelley, K W *J Anim Sci* 36 (5): 927-930. Rwf. May 1973

074648 49 J82
Cyclophosphamide (endoxan) metabolism in rabbit: metabolic balance & elimination kinetics in different tissues & organs following oral administration. Bories, G F *J Anim Sci* 36 (5): 931-935. Ref. May 1973

074649 49 J82
On presence of a ciliated columnar epithelial cell type within bovine cervical mucosa. Wordinger, R J *J Anim Sci* 36 (5): 936-940. Ref. May 1973

074650 49 J82
In vitro simulation of rumen fermentation: apparatus & effects of dilution rate & continuous dialysis on fermentation & protozoal population. Abe, M *J Anim Sci* 36 (5): 941-948. Ref. May 1973

074651 49 J82
Amino acid oxidation & plasma amino acid levels in sheep with abomasal infusions of graded amounts of lysine. Brookes, I M *J Anim Sci* 36 (5): 965-970. Ref. May 1973

074652 49 J82
Bone magnesium, calcium & strontium concentrations in range cattle. Blincoe, C *J Anim Sci* 36 (5): 971-975. Ref. May 1973

074653 49 J82
Chromic oxide & crude protein excretion in bovine as influenced by water restriction. Cross, D L *J Anim Sci* 36 (5): 982-985. Ref. May 1973

074654 410 J828
Studies in sheep population & enviornment in mountains of north-west Wales: introduction. Hughes, R E *J Appl Ecol* 10 (1): 107-112. Ref. Apr 1973

074655 447.8 J825
Maternal & fetal responses to varying levels of oxygen intake in swine. Harris, W H *J Appl Physiol* 34 (5): 284-589. Ref. May 1973

074656 447.8 J825
Effects of hypothermia on heart & respiratory responses of chicks to carbone monoxide. Jaeger, J J *J Appl Physiol* 34 (5): 564-567. Ref. May 1973

074657 44.8 J822
Enzymic changes in bovine adipose and mammary tissue, serum and mammary tissue hormonal changes with initiation of lactation. [Heifers]. Shirley, J E *J Dairy Sci* 56 (5): 569-574. Ref. May 1973

074658 44.8 J822
Environmental heat & partial water restriction effects on body fluid spaces, water loss, body temperatures, & metabolism of Holstein cows. Seif, S M *J Dairy Sci* 56 (5): 581-586. Ref. May 1973

074659 44.8 J822
Tissue culture method for bovine mammary tissue: lactose synthesis. Richmond, P A *J Dairy Sci* 56 (5): 611-614. Ref. May 1973

074660 448.8 J8293
Concentration of progesterone in systemic plasma of goats: effects of various routes of administration. Dhindsa, D S *J Endocrinol* 57 (2): 247-252. Ref. May 1973

074661 QR360.A1J6
Further evidence of two loci which control susceptibility of fowl to RSV(RAV-O) [Rous sarcoma virus(rous avian virus]. Pani, P K *J Gen Virol* 19 (2): 235-244. Ref. May 1973

074662 389.8 J82
Measurement & spectral characteristics of fluorescent pigment in tissues of rats as a function of dietary polyunstaurated fats & vitamin E. Reddy, K *J Nutr* 103 (6): 908-915. Ref. June 1973

074663 447.8 J82
Circadian rhythms of chicken brain temperatures. Aschoff, C *J Physiol (london)* 230 (1): 103-113. Ref. Apr 1973

074664 447.8 J82
Transport of L-tryptophan from cerebrospinal fluid in dog. Geddes, C *J Physiol (london)* 230 (3): 595-611. Ref. May 1973

074665 447.8 J82
Descending & segmental inhibition of transmission through spinocervical tract. [Cats]. Brown, A G *J Physiol (london)* 230 (3): 689-705. Ref. May 1973

074666 442.8 J8222
Histochemical localization of hydroxysteroid dehydrogenases in maxillary glands of pigs. Flook, P F *J Reprod Fertil* 32 (1): 125-127. Jan 1973

074667 442.8 J8222
Metabolism of specifically labelled lactate & pyruvate by two-cell mouse embryos. Wales, R G *J Reprod Fertil* 33 (2): 207-222. Ref. May 1973

074668 442.8 J8222
Transport of microspheres in genital tract of female rabbit. Croxatto, H B *J Reprod Fertil* 33 (2): 337-341. Ref. May 1973

074669 QD426.A1J6
Oxidation of 21-dehydrocorticosteroids to steroidal 20-oxo-21-oic acids by ketoaldehyde dehydrogenase of sheep liver. Monder, C *J Steroid Biochem* 4 (2): 153-162. Ref. Mar 1973

074670 513 T576
Immunohistological studies on lens differentiation experimentally induced in vitro in epiblast of chick blastoderm. Mizuno, T *Jap Acad Proc* 48 (7): 522-527. Ref. Sept 1972

074671 410 J272
Maintenance of rumen microbial populations in an improved artificial rumen. Itabashi, H *Jap J Ecol* 22 (6): 262-265. Ref. Dec 1972

074672 41.8 J27
Comparative & topographical anatomy of fowl. LXIV. Sympathetic nervous system of fowl. 2. Nervus intestinalis. (Jap) Watanabe, T *Jap J Vet Sci* 34 (6): 303-313. Ref. Eng. Sum. Dec 1972

074673 41.8 J27
Activities of aspartateand alanine-aminotransferase separated from fowl blood plasma globulins & their physicochemical properties. I. (Jap) Yamada, K *Jap J Vet Sci* 34 (6): 341-350. Ref. Eng. Sum. Dec 1972

074674 49 N62
Relations among lines in distribution of B blood group alleles of chicken. [Genetics]. (Jap) Fujio, Y *Jap J Zootech Sci* 44 (3): 174-180. Ref. Mar 1973

074675 442.9 AM8
Testicular descent in some domestic mammals. II. nature of gubernacular change during process of testicular descent in pig. Wensing, C J G *Kon Ned Akad Wetensch Proc Ser C Biol Med Sci* 76 (2): 190-195. 1973

074676 442.9 AM8
Testicular descent in some domestic mammals. III. Search for factors that regulate gubernacular reaction. [Pigs]. Wensing, C J G *Kon Ned Akad Wetensch Proc Ser C Biol Med Sci* 76 (2): 196-202. Ref. 1973

074677 SF1.L32
Assay of progesterone by competitive protein-binding: detrimental effect of old aqueous standard solutions on binding curve. Wentzel, D *Landbouwet S-Afr Agric Sci S Afr Agroanim* 4 (4): 103-104. 1972

074678 SF1.L32
Influence of exogenous hormones & season of lambing on uterine involution in sheep. Van Wyk, L C *Landbouwet S-Afr Agric Sci S Afr Agroanim* 4(3): 77-82. Ref. 1972

074679 SF221.M5
Biological basis of machine milking. [Cattle]. (Ger) Rabold, K *Milch Praxis* 11 (2): 22-23. May 1973

074680 22.5 M6932B
Fine structure of hepatic sinusoidal wall. [Livestock, dogs, cats]. (Jap) Murakami, T *Miyazaki Univ Fac Agr Bull* 19 (2): 389-396. Ref. Eng. Sum. Dec 1972

074681 22.5 M6932B
An investigation into death of Misaki horse & measurement of its osseous remains. IV. Results of measurement of crania. (Jap) Saito, I *Miyazaki Univ Fac Agr Bull* 19 (2): 505-515. Eng. Sum. Dec 1972

074682 22.5 M6932B
An investigation into death of Misaki horse & measurement of its osseous remains. V. anatomical view of a dead horse. (Jap) Saito, I *Miyazaki Univ Fac Agr Bull* 19 (2): 517-523. Eng. Sum. Dec 1972

074683 41.8 M742
Contribution to determination of phosphorus content in blood serum. I. [Cattle]. (Ger) Mehnert, E *Monatsh Veterinarmed* 28 (8): 299-300. Eng. Sum. Apr 15, 1973

074684 41.8 M742
Absorption of macromolecules in intestines of newborn domestic animals. (Ger) Gunther, H *Monatsh Veterinarmed* 28 (8): 314-318. Ref. Eng. Sum. Apr 15, 1973

074685 442.9 M855T
Formation of dental system of Artiodactyla (in ontogenesis & phylogenesis). (Rus) Matveev, B S *Moskov Obshch Ispytatelei Prirody Tr Otd Biol* 48: 115-125. Ref. Eng. Sum. 1972

074686 442.9 M855T
Osteon organization of bony tissue in aurochs (Bos primigenius Boj.) & horned cattle. (Rus) Paaver, K L *Moskov Obshch Ispytatelei Prirody Tr Otd Biol* 48: 126-134. Ref. Eng. Sum. 1972

074687 442.9 M855T
Wild boar of Turgaisk plateau & its natural environment. (Rus) Solomatin, A O *Moskov Obshch Ispytatelei Prirody Tr Otd Biol* 48: 238-251. Ref. Eng. Sum. 1972

074688 442.9 M855T
Fauna from excavated Slavic monuments of Moldavia. [Livestock]. (Rus) TSalkin, V I *Moskov Obshch Ispytatelei Prirody Tr Otd Biol* 48: 38-65. Ref. Eng. Sum. 1972

074689 442.9 M855T
Fauna from excavations of Andronov monuments in Ural region. [Livestock]. (Rus) TSalkin, V I *Moskov Obshch Ispytatelei Prirody Tr Otd Biol* 48: 66-81. Ref. Eng. Sum. 1972

074690 442.9 M855T
Species, subspecies, breed. [Livestock, evolution]. (Rus) Schvarts, S S *Moskov Obshch Ispytatelei Prirody Tr Otd Biol* 48: 8-18. Ref. Eng. Sum. 1972

074691 442.9 M855T
Study of animal bones from excavations of Pronsk eexpedition. [Livestock]. (Rus) Andreeva, E G *Moskov Obshch Ispytatelei Prirody Tr Otd Biol* 48: 82-96. Ref. Eng. Sum. 1972

074692 442.9 M855T
Subfossil tarpan remains in Ukraine. (Rus) Bibikova, V I *Moskov Obshch Ispytatelei Prirody Tr Otd Biol* 48: 97-114. Ref. Eng. Sum. 1972

074693 500 N21P
Cats reared in stroboscopic illumination: effects on receptive fields in visual cortex. Cynader, M *Nat Acad Sci Proc* 70 (5): 1353-1354. May 1973

074694 500 N21P
Differentiation of lens tissue from progeny of chick retinal pigment cells cultured in vitro: a demonstration of a switch of cell types in clonal cell culture. Eguchi, G *Nat Acad Sci Proc* 70 (5): 1495-1499. May 1973

074695 20.5 OL8
Conditions of blood picture (hemogram), proteins & amino transferases in blood serum of horses of all round use in course of training. (Pol) Markiewicz, Z *Olsztyn Wyzsza Szkola Roln Zeszyty Nauk* 28 (2): 329-341. Ref. 1972

074696 41.8 ON1
An electrocardiographic study of normal sheep using a modified technique. Schultz, R A *Onderstepoort J Vet Res* 39 (2): 97-106. Ref. June 1972

074697 41.8 ON1
An electrocardiographic study of normal goats & cattle using a modified technique. Schultz, R A *Onderstepoort J Vet Res* 39 (4): 209-224. Ref. Dec 1972

074698 447.8 AR2
Thermoregulatory effects of prostaglandins E1, E2, F1 alpha and F2 alpha in the sheep. Hales, J R S *Pflugers Arch* 339 (2): 125-133. Ref. 1973

074699 447.8 AR2
Effects of food intake & fasting on 24-hourly variations in body temperature in young pig. Ingram, D L *Pflugers Arch* 339 (4): 299-304. Ref. 1973

074700 QP1.P4
Effect of intrahyporhalamic adminsitration of sodium pentobarbital on eating behaviour & feed intake in chickens. Snapir, N *Physiol Behav* 10 (1): 97-100. Ref. Jun 1973

074701 41.8 P76
Influence of sex on keratose level & aminoacid composition of rabbit hair. (Pol) Prusiewicz-Witaszek, U *Pol Arch Weter* 15 (4): 719-726. 1972

074702 41.8 P76
Dynamics of excretion of cesium & its retention in muscle tissues of cattle in relation to time of carrying element in body. (Pol) Decowski, M *Pol Arch Weter* 15 (4): 735-747. Eng. Sum. 1972

074703 41.8 P76
Thyroid gland activity in piglets under shock caused by intravenous injection of a lipopolysaccharide fraction of betahaemolytic escherichia coli. (Pol) Janiak, T *Pol Arch Weter* 15 (4): 749-756. Ref. Eng. Sum. 1972

074704 41.8 P76
Lipids, phospholipids & phospholipid fraction in serum of young cattle fed with milk substitute 'Mlekopan' & with whey. (Pol) Gancarz, B *Pol Arch Weter* 15 (4): 757-766. Ref. Eng. Sum. 1972

074705 41.8 P76
Effect of tetracycline on level of nicotinamide & adenine nucleotides, & of flavins in tissues of piglets. (Pol) Grys, S *Pol Arch Weter* 15 (4): 783-788. Eng. Sum. 1972

074706 41.8 P76
Physiological estimate of urea concentrates used in feeding of ruminants. I. Metabolism of urea & ammonia in heifers from 4 to 10 months of age. (Pol) Barej, W *Pol Arch Weter* 15 (4): 789-799. Ref. Eng. Sum. 1972

074707 41.8 P76
Short nerves of brachial plexus in nutria (Mycastor coypus Molina). (Pol) Langenfeld, M *Pol Arch Weter* 15 (4): 843-853. Eng. Sum. 1972

074708 41.8 P76
Experimental investigations on nerve centres of hypoglossal nerve in sheep. Welento, J *Pol Arch Weter* 15 (4): 869-875. Ref. 1972

074709 41.8 P76
Further experimental investigations on localization of centres of vagus nerve. Centres of pharyngeal branches of vagus nerve & of internal branch of accessory nerve. [Sheep]. Flieger, S *Pol Arch Weter* 15 (4): 877-885. Ref. 1972

074710 41.8 P76
Influence of adrenalectomy on level of ketone bodies in portal vein in sheep. (Pol) Hoffmann, H *Pol Arch Weter* 16 (1): 163-174. Ref. Eng. Sum. 1973

074711 41.8 P76
Iron, copper & vitamin B12 levels in sheep serum in various physilogical conditions. (Pol) Zalewska, E *Pol Arch Weter* 16 (1): 175-191. Ref. Eng. Sum. 1973

074712 41.8 P76
Level of total protein, seromucoid, neuraminic acid & hexoses in sera of different cattle breeds in Poland. (Pol) Jusko-Grundboeck, J *Pol Arch Weter* 16 (1): 19-29. Ref. Eng. Sum. 1973

074713 41.8 P76
Influence of insulin deficiency on phosphorus level of casein in goat milk. (Pol) Nowak, J *Pol Arch Weter* 16 (1): 193-199. Ref. Eng. Sum. 1973

074714 41.8 P76
Appearance of marcromolecular globulins in calf serum under different conditions of breeding. (Pol) Kaczmarek, A *Pol Arch Weter* 16 (1): 7-18. Ref. Eng. Sum. 1973

074715 47.8 AM33P
Growth response of stocks with different growth rates to thiouracil. [Chickens]. Marks, H L *Poultry Sci* 52 (1): 112-115. Ref. Jan 1973

074716 47.8 AM33P
Characterization of follicles from hens of a normal & a blood-spot strain. Merkley, J W *Poultry Sci* 52 (1): 116-121. Jan 1973

074717 47.8 AM33P
Characterizing shape of a hen's egg. Rehkugler, G E *Poultry Sci* 52 (1): 127-138. Ref. Jan 1973

074718 47.8 AM33P
An electrophysiological study on hearing & vocalization in Gullus domesticus. [Chickens]. Hou, S M *Poultry Sci* 52 (1): 159-164. Jan 1973

074719 47.8 AM33P
Notes on abnormal electroencephalograms in telencephalon of chicken & pigeon. Ookawa, T *Poultry Sci* 52 (1): 183-197. Ref. Jan 1973

074720 47.8 AM33P
Influence of implantation of Lactobacillus acidophilus in chicks on growth, feed conversion, malabsorption of fats syndrome & intstinal flora. Tortuero, F *Poultry Sci* 52 (1): 197-203. Jan 1973

074721 47.8 AM33P
Effect of force milting & induced hyperthyroidism on depletion of DDT residues from laying hen. Lillard, D A *Poultry Sci* 52 (1): 222-228. Ref. Jan 1973

074722 47.8 AM33P
Ability of broiler chicken to compensate for early growth depression. Deaton, J W *Poultry Sci* 52 (1): 262-265. Jan 1973

074723 47.8 AM33P
Factors influencing liver fat content of laying hens. Ivy, C A *Poultry Sci* 52 (1): 281-291. Ref. Jan 1973

074724 47.8 AM33P
A modified methenamine silver method for staining aorta from Japanese quail for transmission electron microscopy. [Coturnix coturnix japonica]. Bayer, R C *Poultry Sci* 52 (1): 292-295. Jan 1973

074725 47.8 AM33P
Pre-incubation storage contidions & their effect on subsequent livability of chicken embryos: exogenous C02, [carbon dioxide] plastic bags & extended holding periods as factors. Kosin, I L *Poultry Sci* 52 (1): 296-302. Ref. Jan 1973

074726 47.8 AM33P
Effect of level & source & of a change of source of dietary fat on fatty acid composition of depot fat & thigh & breast meat of turkeys as related to age. Salmon, R E *Poultry Sci* 52 (1): 302-314. Ref. Jan 1973

074727 47.8 AM33P
Selection for resistance to hyperthermia & hypothermia in 14-day chick embryo. Garwood, V A *Poultry Sci* 52 (1): 332-336. Ref. Jan 1973

074728 47.8 AM33P
Effect of continuous illumination of incubating chicken eggs on embryonic development. Garwood, V A *Poultry Sci* 52 (1): 337-340. Ref. Jan 1973

074729 47.8 AM33P
Ascorbic acid as related to tibia strength in spent hens. Rowland, L O *Poultry Sci* 52 (1): 347-350. Ref. Jan 1973

074730 47.8 AM33P
Calcium metabolism in laying hen. 4. calcium status of hen at night. Roland, D A *Poultry Sci* 52 (1): 351-354. Jan 1973

074731 47.8 AM33P
Survival time of erythrocytes (DF22P label) in Japanese quail. Nirmalan, G P *Poultry Sci* 52 (1): 355-359. Ref. Jan 1973

074732 47.8 AM33P
Calcium metabolism in laying hen. 5. Effect of various sources & sizes of calcium carbonate on shell quality. Roland, D A *Poultry Sci* 52 (1): 369-372. Jan 1973

074733 47.8 AM33P
Influence of method of administering thiouracil on thyroid variability. [Quails]. Marks, H L *Poultry Sci* 52 (1): 383-385. Jan 1973

074734 47.8 AM33P
Effect of coloured nests on frequency of floor eggs. Hurnik, J F *Poultry Sci* 52 (1): 389-391. Jan 1973

074735 47.8 AM33P
Fluoride tolerance of Japanese quail. Vohra, P *Poultry Sci* 52 (1): 391-393. Jan 1973

074736 47.8 AM33P
Deletion, monosomy, & multiple monosomy-trisomy mosaicism in chicken embryos. Lodge, J R *Poultry Sci* 52 (1): 397-399. Ref. Jan 1973

074737 47.8 AM33P
Effects of heat & glucagon on plasma glucose & free fatty acids of domestic fowl. Braganza, A F *Poultry Sci* 52 (1): 58-63. Ref. Jan 1973

074738 47.8 AM33P
Effects of heat & light crossed gradients room testing on growth & performance of broiler type chicks. Haller, R W *Poultry Sci* 52 (1): 74-80. Jan 1973

074739 47.8 AM33P
Influence of preen gland removal on lipid over plumage of roosters. Ishida, K *Poultry Sci* 52 (1): 83-87. Ref. Jan 1973

074740 47.8 AM33P
Morphological variability in embryogenesis of domestic fowl & factors affecting it. Tretyakov, N P *Poultry Sci* 52 (1): 93-101. Ref. Jan 1973

074741 47.8 AM33P
Effects of ahemeral light & dark cycles on egg production in fowl. Morris, T R *Poultry Sci* 52 (2): 423-445. Ref. Mar 1973

074742 47.8 AM33P
Vitelline membrane chemical composition in natural & induced yolk mottling. Britton, W M *Poultry Sci* 52 (2): 459-464. Ref. Mar 1973

074743 47.8 AM33P
Nature & probable cause of rough egg shells laid by two lines of White Leghorns. Ball, R F *Poultry Sci* 52 (2): 500-506. Ref. Mar 1973

074744 47.8 AM33P
Volatile fatty acids in contents of pendulous crops & normal crops of turkey hens. Jones, J E *Poultry Sci* 52 (2): 510-512. Mar 1973

074745 47.8 AM33P
Oviposition time in chukar partridge. Woodard, A E *Poultry Sci* 52 (2): 536-539. Ref. Mar 1973

074746 47.8 AM33P
Extraction of calcium from blood fibrin with a solution of tetrasodium-ethylenediaminetetraacetate (Na4EDTA). [Chickens]. Lin, H J *Poultry Sci* 52 (2): 540-542. Mar 1973

074747 47.8 AM33P
Inheritance of resistance to subgroup C leukosis-sarcoma viruses in New Hampshire chickens. Motta, J V *Poultry Sci* 52 (2): 578-586. Ref. Mar 1973

074748 47.8 AM33P
Effect of volume of HC1 [hydrochloric acid] in minimizing amino acid losses when carbohydrate-containing samples are hydrolyzed. Robel, E *Poultry Sci* 52 (2): 604-607. Ref. Mar 1973

074749 47.8 AM33P
Modification of high temperature & ACTH [chickens] induced immunodepression by metyrapone. [adrenocorticotropin]. Thaxton, P *Poultry Sci* 52 (2): 618-624. Ref. Mar 1973

074750 47.8 AM33P
Growth of cage reared turkeys. Manley, J M *Poultry Sci* 52 (2): 625-629. Mar 1973

074751 47.8 AM33P
Effect of electrolytic lesions in various regions of basal hypothalamus in White Leghorn cockerels upon food intake, obesity, blood plasma triglycerides & proteins. Snapir, N *Poultry Sci* 52 (2): 629-636. Ref. Mar 1973

074752 47.8 AM33P
Role of selenium in neural physiology of avian species. 2. distribution of 75Se [selenium] from injected selenomethionine-75Se in tissues & its fate in livers of chickens. Vohra, P *Poultry Sci* 52 (2): 644-657. Mar 1973

074753 47.8 AM33P
Longevity & organ weights of Beltsville Small White parthenogens & normal turkey males. Olsen, M W *Poultry Sci* 52 (2): 666-670. Mar 1973

074754 47.8 AM33P
Conversion of glutamic acid to proline in chick. Shen, T F *Poultry Sci* 52 (2): 676-682. Ref. Mar 1973

074755 47.8 AM33P
Thyroid metabolism of chickens. 1. Estimation of hormone concentration by throxine binding globulin technique. May, J D *Poultry Sci* 52 (2): 688-692. Mar 1973

074756 47.8 AM33P
Effect of clomiphene citrate in chickens. 2. Gonadotropic activity. McGinnis, C H *Poultry Sci* 52 (2): 712-718. Mar 1973

074757 47.8 AM33P
Effect of hypoxic atmosphere on some economic traits & behavioral activities in broiler chickens. Hurnik, J F *Poultry Sci* 52 (2): 728-736. Ref. Mar 1973

074758 47.8 AM33P
Temperature regulation development in bobwhite quail (Colinus virginianus). Borchelt, P *Poultry Sci* 52 (2): 793-798. Mar 1973

074759 SF1.P7
Influence of underfeeding upon development of ovaries of Czech Pied breed. II. biometrical study of ovaries of heifers in age 12 (Cze) Benesova, L *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 1: 103-115. Ref. Eng. Sum. 1972

074760 SF1.P7
Changes in form & structure of metacarpal bones with increasing age. [Cattle]. (Cze) Havlickova, K *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 1: 117-128. Ref. Eng. Sum. 1972

074761 SF1.P7
Contribution to topographical anatomy of abdominal cavity in rabbit. (Cze) Broz, J *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 1: 129-145. Ref. Eng. Sum. 1973

074762 SF1.P7
Contribution to postnatal histogenesis of forestomachs & stomach in cattle. (Cze) Marvan, F *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 1: 147-155. Eng. Sum. 1973

074763 SF1.P7
Comparison of effect of wheat starch & glucose on utilization of calcium & pohopshorus in growing chickens. (Cze) Mikolasek, A *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 1: 157-16K. Ref. Eng. Sum. 1973

074764 SF1.P7
Determination of total proteinemia from electrophoreogram, activity of aspartate & alanine aminotransferases/ GOT/ & G (Cze) Sova, Z *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 1: 19-46. Ref. Eng. Sum. 1973

074765 SF1.P7
Growth of piglet crossbred of various breeds with different birthweight. (Cze) Hovorka, F *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 1: 205-219. Ref. Eng. Sum. 1973

074766 SF1.P7
Values of Bilirubin in gall of White Leghorn chickens in early post/incubation ontogenesis. (Cze) Sova, Z *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 1: 27-37. Ref. Eng. Sum. 1972

074767 SF1.P7
Total proteins in liver homogenate of WL [White Leghorn] cockerels during starvation in first & third week of life. (Cze) Koudela, K *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 1: 3-18. Ref. Eng. Sum. 1973

074768 SF1.P7
Basic blood values in livestock. VII. Erythrogram & leucogram of sheep in ontogenesis. (Cze) Sova, Z *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 1: 3-25. Ref. Eng. Sum. 1972

074769 SF1.P7
Dynamics & specificity of determination of total protein in liver homogenate of White Leghorn cockerels in early post-incubation ontogenesis. (Cze) Koudela, K *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 1: 39-48. Ref. Eng. Sum. 1972

074770 SF1.P7
Total proteins in pectoral muscles of domestic fowl in early post-incubation ontogenesis. (Cze) Koudela, K *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 1: 47-61. Ref. Eng. Sum. 1973

074771 SF1.P7
Activity of alpha amylase & aldolase in glycogenic body of chickens. (Cze) Houska, J *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 1: 71-77. Ref. Eng. Sum. 1973

074772 SF1.P7
Dynamics of activity of aminotransferases of aspartate/ GOT/ EC 2.6.1.1 & alanine /GPT/ EC 2.6.1.1 in tissues & blood plasma of domesti (Cze) Koudela, K *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 1: 79-99. Ref. Eng. Sum. 1973

074773 SF1.P7
Correlation of some body dimensions of rabbits as to their meat utility factor. (Cze) Trojan, V *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 2: 141-153. Eng. Sum. 1972

074774 SF1.P7
Basic blood values in livestock. IX. obligue sedimentation of erythrocytes in sheep in ontogenesis. (Cze) Sova, Z *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 2: 69-75. Ref. Eng. Sum. 1972

074775 SF1.P7
Changes of microflora during growth of ducks. (Cze) Leitgeb, S *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 2: 77-85. Eng. Sum. 1972

074776 SF1.P7
Dynamics of growth rate of calves – twins in comparison with singles of Czech Red Pied cattle. (Cze) Pasek, V *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 2: 87-98. Ref. Eng. Sum. 1972

074777 SF1.P7
Morphological structure of muscle longissimus dorsi & muscle psoas major & relation to carcass value of Czech Re: Pied bullocks. (Cze) Pasek, V *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 2: 99-116. Ref. Eng Sum. 1972

074778 334.8 R11
Egg production in hens continuously irradiated as embryos. Mraz, F R *Radiat Res* 54 (1): 63-68. Ref. Apr 1973

074779 41.8 R24
Postnatal growth & involution of thymus in domestic mammals. (Fre) Blin, P C *Rec Med Vet* 149 (3): 301-314. Ref. Eng. Sum. Mar 1973

074780 41.8 R24
Study of estrogen residues in meats of claves treated with zeranol. (Fre) David, C *Rec Med Vet* 149 (4): 503-506. Eng. Sum. Apr 1973

074781 41.8 R312
Ultrastructure of abdominal air sac of fowl. Carlson, H C *Res Vet Sci* 14 (2): 148-150. Ref. Mar 1973

074782 41.8 R312
Development & morphology of growth plates of two long bones of turkey. Wise, D R *Res Vet Sci* 14 (2): 161-166. Ref. Mar 1973

074783 41.8 R312
A comparative study of pharmacokinetics of amphetamine. [Chickens]. Baggot, J D *Res Vet Sci* 14 (2): 207-215. Ref. Mar 1973

074784 41.8 R312
Observations on alkaline phosphatase activity of leucocytes in adrenalectomised rats. Boyne, R *Res Vet Sci* 14 (2): 234-238. Ref. Mar 1973

074785 41.8 R312
Citrate concentration in fetal plasma & fetal fluids of sheep. Fenton, E *Res Vet Sci* 14 (2): 255-256. Mar 1973

074786 41.8 R312
Cholinesterase activity in Harderian gland of domestic fowl. (Gallus domesticus). Burns, R B *Res Vet Sci* 14 (2): 261-263. Ref. Mar 1973

074787 41.8 R312
Cannulation of an hepatic vein, protal vein & a mesenteric vein in cow, & its use in measurement of blood flow rates. Symonds, H W *Res Vet Sci* 14 (2): 267-269. Mar 1973

074788 43.8 R32
Habits of swine. (Por) Neto, L P *Rev Criadores* 42 (516): 86-89. Dec 1972

074789 SF15.M6R49
Ambient influences on weaning weight of Brahman cattle in Colombia. (Spa) Gomez, I A *Rev Mex Prod Anim* 4 (1): 17-20. Eng. Sum. July 1972

074790 470 SCI2
Development of rabbit visual cortex: late appearance of a class of receptive fields. Grobstein, P *Science* 180 (4091): 1185-1187. Ref. June 15, 1973

074791 470 SCI2
Kitten visual cortex: short-term, stimulus-induced changes in connectivity. Pettigrew, J *Science* 180 (4091): 1202-1203. June 15, 1973

074792 S13.S55
External secretory function of pancreas of geese & its regulation. (Rus) Batoev, Ts Zh *Sib Vestn S-kh Nauk* 1: 50-53. Ref. Jan/Feb 1973

074793 S13.S55
Method of recording fermentative gases of rumen. [Ruminants]. (Rus) Samus'kov, V N *Sib Vestn S-kh Nauk* 1: 53-55. Jan/-Feb 1973

074794 S13.S55
On distribution of fat in muscle tissue of swine of Large White, North Siberian, Landrace, Lacombe breeds & their crosses. (Rus) Kozlova, L S *Sib Vestn S-kh Nauk* 1: 99-101. Jan/Feb 1973

074795 442.9 SO1
Collagenase activity in tissues of selenium responsive myopathic lambs. Broderius, M A *Soc Exp Biol Med Proc* 143 (1): 297-299. Ref. May 1973

074796 442.9 SO1
Optical density measurements in canine tibias in situ. Upthegrove, D D *Soc Exp Biol Med Proc* 143 (1): 77-81. Ref. May 1973

074797 QH431.A1G43
Study of polymorphism of proteins of a hemolyzate of porcine erythrocytes by immunoelectrophoretic analysis. II. Inheritance & distribution of variants of PhB system in populations of pigs. Baranov, O K *Sov Genet* 6 (10): 1313-1322. Ref. 1970 Transl. May 15, 1973

074798 41.8 T431
Three cases of intersuxuality in dog. (Dut) Wentink, G H *Tijdschr Diergeneesk* 98 (9): 437-445. Ref. Eng. Sum. May 1, 1973

074799 442.8 T78
Influence of dibasol & vitamin B12 upon RNA & protein syntheses in embryonic sheep skin cells in vitro. (Rus) Novikova, N V *Tsitologiya* 15 (3): 351-353. Ref. Eng. Sum. Mar 1973

074800 20 V633
Metabolic studies in poultry. (Rus) Smirnov, A I *Vestn Sel'skokhoz Nauk (moscow)* 10: 90. Oct 1972

074801 20 V633
Resistance of broilers raised from standarized eggs to stress. (Rus) Dolobova, N G *Vestn Sel'skokhoz Nauk (moscow)* 10: 91-97. Ref. Eng. Sum. Oct 1972

074802 20 V633
Biochemical composition of blood of cows of differing productivity. (Rus) Karmanova, E P *Vestn Sel'skokhoz Nauk (moscow)* 4: 75-78. Eng. Sum. Apr 1973

074803 41.8 V6456
Absorption of colostral globulins by newborn dairy calves. Selman, I E *Vet Annu* 13Th: 1-6. Ref. 1972 (Pub. 1973)

074804 41.8 V6456
A neurological approach to fractures of spinal column of dog. Parker, A J *Vet Annu* 13Th: 102-106. 1972 (Pub. 1973)

074805 41.8 V6456
Prospect of encouraging osteogenesis. [Sheep]. Lanyon, L E *Vet Annu* 13Th: 126-129. 1972 (Pub. 1973)

074806 41.8 V6456
Progesterone & synthetic progestogens in dog & cat. Foord, H E *Vet Annu* 13Th: 148-151. 1972 (Pub. 1973)

074807 41.8 V6456
Metabolic profiles – some aspects of their interpretation & use in field. [Cattle]. Blowey, R W *Vet Annu* 13Th: 21-30. Ref. 1972 (Pub. 1973)

074808 41.8 V6456
Development of digestive function in piglet. Kidder, D E *Vet Annu* 13Th: 57-71. Ref. 1972 (Pub. 1973)

074809 41.8 V6468
Effect of temperature & moisture regime on level of glycogen, blood sugar & glucose-6-phosphatase of broilers at various tryptophan levels in diet. (Bul) Petkov, G *Vet Med Nauk* 10 (2): 17-21. Ref. Eng. Sum. 1973

074810 41.8 V6468
Effect of some biological factors on bactericidal & protection reactions of organism. I. Effect of tissue emulsion, vitamin A & nonspecific gamma-globulin on blood clearance in rabbits. (Bul) Konstantinov, P *Vet Med Nauk* 10 (2): 51-58. Ref. Eng. Sum. 1973

074811 41.8 V6499
Determination of spiramycin blood levels & concentrations in tissues of pigs & calves. (Ita) Pignattelli, P *Veterinaria (milano)* 21 (5/6): 239-248. Ref. Eng. Sum. Sept/Dec 1972

074812 41.8 V6426
Histological structure of ovaries of pregnant cows. (Rus) Avakaiants, B A *Veterinariia* 10: 50-53. Oct 1972

074813 41.8 V6439
Influence of chemical method of shearing wool of sheep by using cyclophosphamide on health condition of animal & some haematological & biochemical factors. (Slo) Skalka, J *Veterinarstvi* 23 (3): 131-132. 1973

074814 41.8 V6439
Young animals in perintal & postnatal periods. [Livestock]. (Cze) Holub, A *Veterinarstvi* 23 (4): 145-147. 1973

074815 41.8 V6439
Some knowledge on nitrogen metabolism in farm animals. (Cze) Boda, K *Veterinarstvi* 23 (4): 148-150. 1973

074816 41.9 V83
Role of titanium in enzymatic processes & its interrelationships with copper in rabbits. (Rus) Korneiko, A V *Vitebsk Vet Inst Uch Zap* 25: 106-112. 1972

074817 41.9 V83
On interrelationships between titanium & sulfhydryl compounds in animals.- [Rabbits]. (Rus) Berenshtien, F IA *Vitebsk Vet Inst Uch Zap* 25: 112-116. 1972

074818 41.9 V83
On effect of vanadium on activity of catalase & peroxidase in rabbit blood. (Rus) Shpak, G E *Vitebsk Vet Inst Uch Zap* 25: 116-118. 1972

074819 41.9 V83
Effect of adrenaline & dihydroergotamine on amount of certain micronutrients & metalloproteins in dog blood. (Rus) Syt'ko, V N *Vitebsk Vet Inst Uch Zap* 25: 118-123. 1972

074820 41.9 V83
On mechanism of effect of manganese chloride on certain indices of reaction of organism. [Rabbits]. (Rus) Sak, Zh M *Vitebsk Vet Inst Uch Zap* 25: 131-135. 1972

074821 41.9 V83
Vessels of internal organs of spinal cord of swine. (Rus) Patsukova, A N *Vitebsk Vet Inst Uch Zap* 25: 135-140. 1972

074822 41.9 V83
Digestibility & utilization of nutrients by weaned baby pigs relative to level & quality of proteins in feed. (Rus) Shpakov, A P *Vitebsk Vet Inst Uch Zap* 25: 145-151. 1972

074823 41.9 V83
Effect of different temperatures & humidity of air in poultry houses on certain physiological indices of blood & productivity of chickens. (Rus) Zakrevskii, M I *Vitebsk Vet Inst Uch Zap* 25: 151-153. 1972

074824 41.9 V83
Variations in activity of certain enzymes of blood serum of Kostroma cattle. I. (Rus) Pil'ko, V V *Vitebsk Vet Inst Uch Zap* 25: 158-161. 1972

074825 41.9 V83
Histochemical study of amount of vitamin C (ascorbic acid) in certain organs of swine with associated & separate vaccinations against hog cholera & swine erysipelas. (Rus) But'ianov, D D *Vitebsk Vet Inst Uch Zap* 25: 19-22. 1972

074826 41.9 V83
Hematological indices & reproductive function in cows before & after administration of certain vitamins & micronutrients. (Rus) Valiushkin, K D *Vitebsk Vet Inst Uch Zap* 25: 56-60. 1972

074827 41.9 V83
Change in amount of total protein & protein fractions of blood serum in healthy baby pigs treated with Kanamycin. (Rus) Vil'chinskaia, A S *Vitebsk Vet Inst Uch Zap* 25: 77-82. 1972

074828 41.9 V83
Effect of copper on certain physicichemical properties of erythrocytes. [Rabbits]. (Rus) Kliats, A IA *Vitebsk Vet Inst Uch Zap* 25: 97-106. 1972

074829 41.9 V83
On protein composition of blood serum of newborn calves. (Rus) Kholod, V M *Vitebsk Vet Inst Uch Zap* 252 88-92. 1972

074830 20 AK1
Change in hide of cattle in relation to age of animals. (Rus) Danilenko, I A *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 10: 20-22. Oct 1972

074831 20 AK1
Genetic polymorphism of blood groups in cattle in Tadzhikistan. (Rus) Lartseva, S Kh *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 10: 24-26. Oct 1972

074832 20 AK1
Age features of ketogenesis in swine. (Rus) IAnovich, V G *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 10: 31-33. Ref. Oct 1972

074833 20 AK1
Effect of granulated feeds on activity of cattle digestive tract. (Rus) Aliev, A A *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 3: 31-33. Mar 1973

074834 20 AK1
Genetic variety of beta-lactoglobulin in sheep milk. (Rus) Aliev, G A *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 4: 23-25. Apr 1973

074835 20 AK1
Some indices of lipid metabolism in hybrid swine. (Rus) Ladan, P E *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 4: 26-27. Apr 1973

074836 20 AK1
Effect of enzyme preparations of amylorhizine Pkh and glycavamorine Pkh on the digestive processes of swine. (Rus) Polivoda, D I *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 4: 29-31. Apr 1973

074837 20 AK1
Change in biological properties of injured muscles in livestock. [Cattle, swine]. (Rus) Fel'dshtein, M A *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 4: 33-34. Apr 1973

074838 49.9 R92
Study of biochemical processes in livestock, including age, productivity & feed factors. (Rus) Taranov, M T *Vses Nauch-issled Inst Zhivotn Tr* 34: 271-281. 1972

074839 49.9 R92
On effect of micronutrients on biochemical & physiological processes of animal organism. (Rus) Raetskaia, IU I *Vses Nauch-issled Inst Zhivotn Tr* 34: 290-297. 1972

074840 49.9 R92
Use of hormonal preparations for increasing fertility & productivity of livestock. (Rus) Klinskii, IU D *Vses Nauch-issled Inst Zhivotn Tr* 34: 298-308. 1972

074841 103 W52AD
Feeding dairy cow in winter. *West Scot Agr Coll County Adv Leafl* 62, Rev., 5 P. Oct 1972

074842 389.79 F98
Influence of formalin & of additives containing formalin on ensiling process & rumen digestion of dairy cows. (Ger) Honig, H *Wirtschaftseigene Futter* 19 (1): 21-30. Ref. Eng. Sum. Jan/Mar 1973

074843 389.78 Z3
Transfer of copper-64 from serosa to mucosa. 13. Dynamics of copper absorption. [Rats]. (Ger) Schwarz, F J *Z Tierphysiol Tierernahr Futtermittelkunde* 31 (2): 103-106. Ref. Eng. Sum. Mar 1973

074844 389.78 Z3
Metabolism cage with electronic feeding & collection of hard & soft feces of rabbits. (Ger) Hornicke, H *Z Tierphysiol Tierernahr Futtermittelkunde* 31 (2): 107-110. Eng. Sum. Mar 1973

074845 389.78 Z3
Copper absorption in vitro from copper amino acid & peptide complexes. 12. Dynamics of copper absorption. [Rats]. (Ger) Schwarz, F J *Z Tierphysiol Tierernahr Futtermittelkunde* 31 (2): 98-102. Ref. Eng. Sum. Mar 1973

074846 448.3 C33 (1)
Influence of nutritional doses of virginiamycin & spiramycin on quantitative & topographical composition of bastrointestinal flora of artificially reared piglets. Decuypere, J *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig* 223 (3): 348-355. Ref. 1973

074847 41.8 Z52
Haemolytic & conglutinating complement in bovine serum. Barta, O *Zentralbl Veterinarmed Reihe B* 20 (1): 71-82. Jan 1973

074848 49 Z6
Conversion of lipids in gastrointestinal tract of ruminants with varying milk fat content. (Rus) Aliev, A A *Zhivotnovodstvo* 2: 68-70. Feb 1973

074849 49 Z6
Digestion of nutrients by cattle as related to age. (Rus) Degtiarev, V P *Zhivotnovodstvo* 4: 52-55. Apr 1973

074850 49 Z6
Metabolism in early-weaned baby pigs. (Rus) Voloshcheki, P D *Zhivotnovodstvo* 4: 74-76. Apr 1973

LIVESTOCK FEEDING

074851 SF1.A2
Contribution to study of feedstuff utilization in pigs at a simple utility cross-breeding. (Slo) Paska, I *Acta Zootech* 24: 121-129. Eng. Sum. 1972

074852 SF1.A2
Research into possibility to replace milk-fat in breeding calves with hydrolyzed starch combined with cattle-fat. (Slo) Medvecky, D *Acta Zootech* 24: 43-54. Ref. Eng. Sum. 1972

074853 464.9 C432B
Levels of rape bran in steers: Consumption and deleterious properties. (Spa) Wernli K, C *Agr Tec* 33 (1): 1-6. Ref. Eng. Sum. Jan/Mar 1973

074854 58.8 AG832
Are you feeding your animals well? (Spa) Huerta Mendoza, E *Agric Am* 22 (5): 28, 30-32. May 1973

074855 385 AG88
Enzymatgically hydrolized flour in milk feed mixtures. [Calves]. (Cze) Ruzicka, B *Agrochemia (bratislava)* 13 (1): 30-32. Eng. Sum. 1973

074856 4 AM34P
Effect of cutting date on digestibility & intake of irrigated first-crop alfalfa hay. [Sheep, feeding]. Anderson, M J *Agron J* 65 (3): 357-360. Ref. May/June 1973

074857 4 AM34P
Botanical composition of subterranean clover-grass pastures as affected by single & dual grazing by cattle & sheep. Bedell, T E *Agron J* 65 (3): 502-504. May/June 1973

074858 511 AK192D
Influence of technical fat on activity of vitamins in mixed fodder. (Rus) Pakarskyte, K *Akad Nauk Litov Ssr Darbai Tr Ser C* 1: 223-229. Eng. Sum. 1973

074859 511 AK192D
On stability of vitamins in pre-mixes. [Livestock, feeding]. (Rus) Pakarskite, K IU *Akad Nauk Litov Ssr Darbai Tr Ser C* 4: 177-182. Ref. Eng. Sum. 1972

074860 11 AL8K
An adequate water supply for swine is important. (Swe) Lundstrom, L *Alvsborgs Lans Sodra Hushallningssallsk Tidskr* 1: 22-23. Feb 1973

074861 41.8 AM3A
Effect of a nutritionally poor ration, short-term fasting, & refeeding on goats. Fowle, K I *Amer J Vet Res* 34 (6): 849-852. Ref. June 1973

074862 389.8 AN73
Acid hydrolases & ascorbic acid in testes of adult vitamin A deficient rats during progression of testicular atrophy. (Fre) Goubern, M *Ann Nutr Aliment* 26 (6): 263-289. Ref. 1972

074863 25 AR1
A study on effect of modifying straight feeding of broiler mash on growth & weight of birds during last four weeks of rearing. Martinez, A *Araneta J Agr* 19 (1): 57-65. Jan/Mar 1972

074864 389.78 AR22
Investigations with labelled urea on lactating ruminants. 3. Utilisation of urea-nitrogen. [Goats]. (Ger) Thelemann, W *Arch Tierernahr* 23 (3): 175-182. Ref. Eng. Sum. Apr 1973

074865 49 AR23
Studies on effect of external factors on qualitative characteristics of pork. influence of sugar feeding. (Ger) Kuhn, G *Arch Tierzucht* 16 (1): 41-49. Eng. Sum. 1973

074866 23 AU783
Influence of saline water on mineral balances in sheep. Tomas, F M *Australian J Agr Res* 24 (3): 377-386. Ref. May 1973

074867 23 AU783
Factors limiting intake of feed by sheep. VII. digestion of a medium quality roughage & effect of post-ruminal infusion of casein on its consumption by young sheep. Weston, R H *Australian J Agr Res* 24 (3): 387-397. Ref. May 1973

074868 23 AU783
Effects of protein & energy intakes on wool growth of Merino wethers. Black, J L *Australian J Agr Res* 24 (3): 399-412. Ref. May 1973

074869 23 AU783
Whole wheat grain feeding of lambs. II. Growth of Merino lambs early weaned onto wheat. McManus, W R *Australian J Agr Res* 24 (3): 413-423. Ref. May 1973

074870 23 AU783
Whole wheat grain feeding of lambs. III. Rumen metabolic responses & animal physiological adjustment to mineral buffer supplements. Bigham, M L *Australian J Agr Res* 24 (3): 425-438. Ref. May 1973

074871 23 AU783
Effect of changes in nutritional level on depth & curvature of wool follicles in Australian Merino sheep. Nay, T *Australian J Agr Res* 24 (3): 439-447. May 1973

074872 SF95.A9
Nutritive value of chickpea Cicer arietinum for poultry & swine. (Spa) Cuca G, M *Av Aliment Mejora Anim* 14 (1): 7-12. Ref. Jan 1973

074873 47.8 R523
Factors that influence nutritive requirements of chickens. (Ita) Scott, M L *Avicoltura* 42 (3): 49-62. Mar 1973

074874 47.8 B26
Effect of protein level in feed on growth of broiler ducks. (Hun) Molnar, J *Baromfiipar* 20 (2): 67-69. 1973

074875 47.8 B262
Feeding of Shaver Starcross 288 laying hen hybrids. (Hun) Nagy, S *Baromfitenyesztes* 16 (11): 10-11. Nov 1972

074876 47.8 B262
Practical aspects of pigeon keeping. II. Feed additives. (Hun) Csapo, Z *Baromfitenyesztes* 17 (3): 20-21. Mar 1973

074877 47.8 B262
Effect of various feed on egg yield of guinea fowl. (Hun) Antal, I *Baromfitenyesztes* 17 (3): 4-5. Mar 1973

074878 S11.B43
Use of artificial milk in raising calves. (Dut) Meijer, B *Bedrijfsontwikkeling* 4 (3): 231-235. Mar 1973

074879 S11.B43
Trials with large numbers of cattle & a minimal amount of roughage in winter ration. (Dut) Snijders, P J M *Bedrijfsontwikkeling* 4 (4): 317-321. Apr 1973

074880 47.9 D41
Nutritional requirements of poultry as provided in their feed. (Dan) Sorensen, L Y *Beret Landsudv Fjerkraevlen* P. 113-118. 1972

074881 47.9 D41
Tests with turkeys & ducks. [Feed]. (Dan) Borsting, E *Beret Landsudv Fjerkraevlen* P. 51-55. 1972

074882 281.8 B462
Rational protein provision for fattening swine at tight fishmeal supply. (Ger) Trog, K *Betriebswirtsch Mitt Wirtschaftsberater* 212/213: 33-41. Nov/Dec 1972

074883 281.8 B462
Significance of animal protein feed ration in mixed feed for poultry. (Ger) Mackrott, *Betriebswirtsch Mitt Wirtschaftsberater* 212/213: 43-46. Nov/Dec 1972

074884 281.8 B462
Active substances in animal nutrition. (Ger) Grobke, *Betriebswirtsch Mitt Wirtschaftsberater* 214: 3-7. Jan 1973

074885 281.8 B462
Revised basic data of swine feeding. (Ger) Trog, *Betriebswirtsch Mitt Wirtschaftsberater* 214: 41-42. Jan 1973

074886 281.8 B462
Evaluation of feed for swine with low starch content. (Ger) Henkel, H *Betriebswirtsch Mitt Wirtschaftsberater* 214: 43-46. Jan 1973

074887 281.8 B462
How heavy may fattening swine be? (Ger) Gaede, E A *Betriebswirtsch Mitt Wirtschaftsberater* 217: 7-13. Apr 1973

074888 49 R324
A performance evaluation & carcass yield of 1/2 Swiss-Guzera steers in a feed-lot trial with a ration of laying hens' manure dried on shade (Por) Pereira, W M *Bol Indus Anim* (New Ser.) 29 (1): 1-14. Ref. Eng. Sum. 1972

074889 49 R324
Comparative study between sorghum & corn in fattening steers under confinement. (Por) Montagnini, M T *Bol Indus Anim* (New Ser.) 29 (1): 15-22. Eng. Sum. 1972

074890 49 R324
Feeding of calves with a concentrate mixture plus perennial soybean hay. II. Development of proventriculi of stomach or oesophageal sacculations. (Por) Paiva, J A de J *Bol Indus Anim* (New Ser.) 29 (1): 151-159. Eng. Sum. 1972

074891 49 R324
Palatability of elephant grass: pennisetum purpureum, Schum. [Cattle]. (Por) Pacola, I J *Bol Indus Anim* (New Ser.) 29 (1): 169-173 eng. Sum. 1972

074892 49 R324
A study to compare performances of Nelore & crossbred steers fed in confinement. (Por) Velloso, L *Bol Indus Anim* (New Ser.) 29 (1): 23-28. Eng. Sum. 1972

074893 49 R324
Effect of vitamin A upon corn silage for Zebu cattle. (Por) Velloso, L *Bol Indus Anim* (New Ser.) 29 (1): 29-34. Ref. Eng. Sum. 1972

074894 49 R324
Milk production from cows grazing para grass Brachiariamutica or elephant napier grass Pennisetum purpureum. (Por) Lucci, C de S *Bol Indus Anim* (New Ser.) 29 (1): 45-51. Eng. Sum. 1972

074895 49 R324
Effect of different levels of crude fiber on starting rations for dairy calves. (Por) Lucci, C de S *Bol Indus Anim* (New Ser.) 29 (1): 67-149. Ref. Eng. Sum. 1972

074896 49 R324
Comparative study in development of Zebu & Lavinia catle managed under continuous grazing system followed by a confinement period. [Digitaria decumbens, soybeans]. (Por) Velloso, L *Bol Indus Anim* Nnew Ser.) 29 (1): 35-44. Ref. Eng. Sum. 1972

074897 41.8 C483
Nutritive requirements in cat. (Spa) Taylor, T J *Cienc Vet (Mexico)* 17 (4): 307-315. Ref. July/Aug 1972

074898 100 C71G (1)
Turkey & chicken response to a new antibiotic – Flavomycin. Quarles, C L *Colo Agr Exp Sta Gen Ser* 931: 11. May 1973

074899 100 C71G (1)
Increasing feed efficiency & growth rate of calves by avoiding rumen fermentation. Hedde, R D *Colo Agr Exp Sta Gen Ser* 931: 16-18. May 1973

074900 100 C71G (1)
Digestibility of processed feedlot manure (Cerola). Ward, G M *Colo Agr Exp Sta Gen Ser* 931: 29-31. May 1973

074901 100 C71G (1)
Ration processing of Leonard millet. [Swine]. Heeney, M V *Colo Agr Exp Sta Gen Ser* 931: 3. May 1973

074902 100 C71G (1)
Roasted soybeans in growing & finishing diets for large turkeys. Turner, C A *Colo Agr Exp Sta Gen Ser* 931: 33-36. May 1973

074903 100 C71G (1)
Recycled feedlot waste as a hog feed. Heeney, M W *Colo Agr Exp Sta Gen Ser* 931: 5. May 1973

074904 100 C71G (1)
Wheat & Leonard millet for hogs. Heeney, M W *Colo Agr Exp Sta Gen Ser* 931: 6. May 1973

074905 100 C71G (1)
Comparison of two antibiotic feeding programs for growing & finishing pigs. Heeney, M W *Colo Agr Exp Sta Gen Ser* 931: 7. May 1973

074906 100 C71C
Cow-calf grazing studies on comparative pasture types. Davis, G G *Colo Agr Exp Sta Progr Rep Pr* 73-15, 2 P. May 1973

074907 80 C83
Matching grass to stock. [Cattle, sheep]. Moore, I *Country Life (london)* 153 (3959): 1333-1334. May 10, 1973

074908 HD9437.D4D3
Research with ducks. [Feed]. (Dan) Hoj, F *Dan Erhvervsfjerkrae* 2 (7/8): 157-159. Apr 15, 1973

074909 412.628 D23
Test for freshness in fish & fishmeal. [Mink, feed]. (Dan) Bruun, J *Dansk Pelsdyravl* 36 (3): 114-116. Mar 20, 1973

074910 58.8 D482
Possibilities of using standardized methods of feeding young cattle & in production of milk. (Ger) Zenke, R *Deut Agrartech* 2: 67-70. 1973

074911 18 D4825T
Some aspects to improve protein composition of fodder cereals by breeding rom point of view of protein researc h. (Ger) Bock, H D *Deut Akad Landwirtschaftswiss Tagungsber* 119: 113-119. Ref. Eng. Sum. 1972

074912 412.628 D48
Feed planning in regard to protein quality. [Minks]. (Ger) Glem-Hansen, N *Deut Pelztierzuchter* 47 (2): 24-26. Feb 1, 1973

074913 389.79 C765
New information on functions of selenium & vitamin E in metabolism & animal nutrition. Scott, M L *Distill Feed Res Counc Conf Proc* 28: 15-18. Ref. Apr 5, 1973

074914 389.79 C765
Influence of distillers feeds on cellulose digestion in equine. Baker, J P *Distill Feed Res Counc Conf Proc* 28: 19-23. Ref. Apr 5, 1973

074915 389.79 C765
Treatments to increase value of crop residues for beef cattle & lambs. Klopfenstein, T *Distill Feed Res Counc Conf Proc* 28: 24-33. Ref. Apr 5, 1973

074916 389.79 C765
Rumen stimulatory factor research – current & future direction. [Feed]. Little, C O *Distill Feed Res Counc Conf Proc* 28: 34-38. Apr 5, 1973

074917 389.79 C765
Factors affecting sulfur amino acid requirements of growing chickens. Baker, D H *Distill Feed Res Counc Conf Proc* 28: 39-42. Ref. Apr 5, 1973

074918 389.79 C765
Evaluation of distillers dried grains with solubles in layer rations. [Chickens]. Jensen, L S *Distill Feed Res Counc Conf Proc* 28: 43-49. Apr 5, 1973

074919 389.79 C765
Importance of unknown nutrients in poultry nutrition. Couch, J R *Distill Feed Res Counc Conf Proc* 28: 50-52. Ref. Apr 5, 1973

074920 389.79 C765
Non-protein nitrogen additions to silages for dairy cattle. Huber, J T *Distill Feed Res Counc Conf Proc* 28: 53-60. Ref. Apr 5, 1973

074921 389.79 C765
Selenium – an essential dietary supplement for swine. Mahan, D C *Distill Feed Res Counc Conf Proc* 28: 6-14. Ref. Apr 5, 1973

074922 43.8 F32
Custom feeding contracts. Farlin, S D *Feedlot Manage* Special No: 79-82, 84. Nov 1972

074923 SF481.F53
Optimal quality of poultry feed. (Swe) Elwinger, K *Fjaderfa* 66 (3): 84-85. Mar 1973

074924 SF481.F53
Testing commercial feed Bjarsjolagard with laying hens, 1971/1972. (Swe) Adalberth, S *Fjaderfa* 66 (4): 10, 122-124. Apr 1973

074925 47.8 G43
Production of milk from feeding cow: with a purified diet free from pure protein but containing urea & ammonium salts as only source of nitrogen (diet-O) & a non purified diet containing urea & an increasing q (Ita) Virtanen, A J *G Allevatori* 23 (1): 52-74. Ref. Jan 1973

074926 47.8 G43
Fattening centers & line of cow-calf. (Ita) Faenza, V *G Allevatori* 23 (1): 82-85. Jan 1973

074927 47.8 G43
Nutritive requirements for chickens & turkeys. (Ita) Scott, M L *G Allevatori* 23 (2): 18, 20, 26, 28. Feb 1973

074928 47.8 G43
Nutritive requirements for swine. (Ita) Jensen, A H *G Allevatori* 23 (2): 30, 32-33. Feb 1973

074929 47.8 G43
Nutritive requirements for dairy cattle. (Ita) Hillmann, D *G Allevatori* 23 (2): 87-90. Feb 1973

074930 47.8 G43
Nutritive requirements for beef cattle for growth & fattening. (Ita) Perry, T W *G Allevatori* 23 (2): 91-98. Feb 1973

074931 100 G295
Cottonseed meal & biuret mixtures as winter supplements for beef cows. Utley, P R *Ga Agr Res* 14 (3): 5-6. Winter 1973

074932 18 G312V
Swine fattening. (Ger) Hampe, E *Ger (fed Repub) LandHauswirtsch Auswertungs Informations Dienst (veroff)* 351, 32 P. 1972

074933 S19.G5
Observations on influence of feeding horse tamarind (Leucaena glauca Benth.) on health of cattle in Ghana. Vohradsky, F *Ghana J Agr Sci* 5 (2): 153-156. 1972

074934 S15.G5
Use of urea in nutrition of cattle. (Por) Lima, S do N *Gleba* 18 (205): 30. Nov 1972

074935 389.78 G98
Feed rations for dairy cattle during winter feeding time. (Ger) Turek, F *Gute Rat Futterungsfragen* 11 (5): 2-4. Oct 1972

074936 389.78 G98
Feed concentrate as sole feeding in feeding breeding sows. (Ger) Lettner, F *Gute Rat Futterungsfragen* 11 (5): 4-5. Oct 1972

074937 389.78 G98
Hormone supplies in feeding dairy cattle. (Ger) Leitgeb, R *Gute Rat Futterungsfragen* 11 (5): 6-7. Oct 1972

074938 389.78 G98
Animal protein in swine rations. (Ger) Lettner, F *Gute Rat Futterungsfragen* 12 (1): 5-6. Mar 1973

074939 SF95.H3
Feed requirement including energy requirement & egg formation. [Poultry]. (Ger) Kivimae, A *Handb Tierernahr* 2: 659-673. Ref. 1972

074940 100 H313P
Local by-products as feeds for dairy cattle. I. High-energy. High-fiber supplements. Stanley, R W *Hawaii Agr Exp Sta Res Rep* 223, 8 P. Mar 1973

074941 44.8 H65
Interest grows in 'sour' or 'pickled' colostrum. [Feeding]. Crowley, J W *Hoards Dairyman* 118 (90) 614-615. May 10, 1973

074942 44.8 H65
Save protein by reducing feed losses. [Swine]. Giesler, F J *Hoards Dairyman* 118 (9): 634-635. May 10, 1973

074943 64.8 H66
Biological method for evaluation of folder planta in breeding using common vole (Microtus arvalis Pall.). (Pol) Proczuk, S *Hodowla Roslin Aklimatyzacja Nasiennictwo* 17 (1): 1-20. Ref. Eng. Sum. 1973

074944 44.8 L12
Hay – an excellent feed supplement while on pasture. [Dairy cattle]. (Swe) Elovsson, B *Husdjur* 4: 30. Apr 6, 1973

074945 20 M57AG
Methods for raising of effectiveness of feed supplies. (Ger) Sineschtschekow, A *Int Z Landwirt* 2: 203-207. 1973

074946 20 M57AG
Feeding for cattle fattening in industrial production. (Ger) Wawrzynczak, H S *Int Z Landwirt* 2: 208-211. 1973

074947 20 M57AG
Organization of feed supply in intensive milk production. [Dairy cattle, Lithuania]. (Ger) Sovers, E E *Int Z Landwirt* 4: 450-456. 1972

074948 105.9 IR2
Feed reserve requirement in industrial cow husbandry. (Hun) Kurelec, V *Iregszemcse Mezogaz Kiserl Intez Kozlem* 12 (1): 45-55.ref. Eng. Sum. 1972

074949 23 V66J
Supplementary feeding of steers. Bailey, P J *J Agr (melbourne)* 71 (2): 32-35. Feb 1973

074950 23 V66J
Are North American-style feedlots right for us? [Beefcattle Australia]. Bishop, A H *J Agr (melbourne)* 71 (3): 76-82. Ref. Mar 1973

074951 S19.J62
Effect of different cereals on egg production in White Leghorn Layers. Barque, A R *J Agric Res* 10 (2): 143-147. June 1972

074952 49 J82
Influence of copper on stearic acid desaturation & fatty acid composition in pig. Thompson, E H *J Anim Sci* 36 (5): 868-873. Ref. May 1973

074953 49 J82
Opague-2 & normal corn as amino acid sources for barrows & gilts. Veum, T L *J Anim Sci* 36 (5): 877-882. Ref. May 1973

074954 49 J82
Protein levels for swine fed to heavy weights. I. Effects on gain & feed efficiency. Gilster, K E *J Anim Sci* 36 (5): 883-887. Ref. May 1973

074955 49 J82
Protein levels for swine fed to heavy weights. II. Effects on quantitative & qualitative carcass characteristics. Gilster, K E *J Anim Sci* 36 (5): 888-893. Ref. May 1973

074956 49 J82
Performance of swine fed opaque-2 or normal corn free-choice. Wahlstrom, R C *J Anim Sci* 36 (5): 898-901. Ref. May 1973

074957 49 J82
Evaluation of infrared-roasted & extruder-processed soybeans in baby pig diets. Faber, J L *J Anim Sci* 36 (5): 902-907. Ref. May 1973

074958 49 J82
Feed evaluation & ration calculation based on net energyfat. [Livestock]. Nehring, K *J Anim Sci* 36 (5): 949-964. Ref. May 1973

074959 49 J82
Effect of urea supplementation on intake & utilization of diets containing low quality roughages in sheep. Bhattacharya, A N *J Anim Sci* 36 (5): 976-981. Ref. May 1973

074960 49 J82
Nutritional interrelationships of dietary calcium, phosphorus and magnesium in sheep. Chicco, C F *J Anim Sci* 36 (5): 986-993. Ref. May 1973

074961 49 J82
Effects of feeding different magnesium levels to drylot-fed gestating beef cows. O'Kelley, R E *J Anim Sci* 36 (5): 994-1000. Ref. May 1973

074962 44.8 J822
Effect of growth hormone on milk production & feed utilization in dairy cows. Machlin, L J *J Dairy Sci* 56 (5): 575-580. Ref. May 1973

074963 44.8 J822
Energy & protein utilization in forages fed to dry cows. Leahey, J M *J Dairy Sci* 56 (5): 587-591. Ref. May 1973

074964 44.8 J822
Beet pulp pellets as carrier of chromic oxide for determining digestibility. [Dairy cows, feed]. Yadava, R K *J Dairy Sci* 56 (5): 592-594. Ref. May 1973

074965 389.8 J82
Selenium dilemma. [Nutritive value, toxicity, Poultry, livestock]. Scott, M L *J Nutr* 103 (6): 803-80.. Ref. June 1973

074966 389.8 J82
Effect of diet & weaning age on in vitro lipogenesis in young swine. Mersmann, H J *J Nutr* 103 (6): 821-828. Ref. June 1973

074967 389.8 J82
Metabolic consequences of dietary medium-chain triglycerides in rat. Wiley, J H *J Nutr* 103 (6): 829-835. Ref. June 1973

074968 389.8 J82
Interaction of dietary fluoride & magnesium in guinea pigs. O'dell, B L *J Nutr* 103 (6): 841-850. Ref. June 1973

074969 389.8 J82
Effect of intravenous gossypol injection on iron utilization in swine. Skutches, C L *J Nutr* 103 (6): 851-855. Ref. June 1973

074970 389.8 J82
Separate effects of protein & calorie manlutrition on development & growth of rat bones & teeth. DiOrio, L P *J Nutr* 103 (6): 856-865. Ref. June 1973

074971 389.8 J82
Magnesium absorption & secretion along gastrointestinal tract of chicken. Guenter, W *J Nutr* 103 (6): 875-881. Ref. June 1973

074972 389.8 J82
Effect of bound gossypol on absorption of iron by rats. Herman, D L *J Nutr* 103 (6): 881-889. Ref. June 1973

074973 389.8 J82
Effects of dietary manipulation on adipose tissue blycerokinase activity & plasma metabolite levels in chicken (Gallus domesticus). Welton, R F *J Nutr* 103 (6): 890-898. Ref. June 1973

074974 389.8 J82
Effect of medium chain triglycerides & dietary protein on cholesterol absorption & deposition in chicken. Kenney, J J *J Nutr* 103 (6): 923-928. Ref. June 1973

074975 389.8 J82
Influence of increased postnatal nutrient intake on kidney cellular development in progeny of protein-deficient rats. Allen, L H *J Nutr* 103 (6): 929-936. Ref. June 1973

074976 442.8 J8222
Effect of feed level during oestrous cycle on ovulation, embryo survival & anterior pituitary LH [luteinizing hormone] potency in gilt. [Swine]. Cooper, K J *J Reprod Fertil* 32 (1): 71-78. Ref. Jan 1973

074977 382 SO12
Influence of processing upon nutritive value of potato; studies with young chicks. d'Mello, J P F *J Sci Food Agr* 24 (5): 533-537. May 1973

074978 382 SO12
Influence of processing upon nutritive value of potato; digestibility studies with pigs. Whittmore, C T *J Sci Food Agr* 24 (5): 539-545. Ref. May 1973

074979 382 SO12
Chemical & in vivo evaluation of A brown midrib mutant of Zea mays. I. Fibre, lignin & amino acid composition & digestibility for sheep. [Sheep]. Gordon, A J *J Sci Food Agr* 24 (5): 565-577. Ref. May 1973

074980 382 SO12
Chemical & in vivo evaluation of a brown midrib mutant of Zea mays. II. Nuclear magnetic resonance spectra of digested & undigested alkali lignins & undigested dimethyformamide lignins. [Corn, feed, sheep]. Gordon, A J *J Sci Food Agr* 24 (5): 579-587. May 1973

074981 49 N62
Effect of increasing amount of safflower oil in diet on hydrogenation of unsaturated fatty acids in rumen of goats. (Jap) Tanaka, K *Jap J Zootech Sci* 44 (3): 143-147. Eng. Sum. Mar 1973

074982 49 N62
Studies on mode of gas production in artificial rumen & its application to evaluation of feedstuffs. II. Gas production patterns by carbohydrates. (Jap) O'Hara, M *Jap J Zootech Sci* 44 (3): 159-164. Ref. Eng. Sum. Mar 1973

074983 49 N62
Effect of dietary supplement of stearic acid or safflower oil on plasma lipids & milk fat in cow. (Jap) Tanaka, K *Jap J Zootech Sci* 44 (3): 165-173. Ref. Mar 1973

074984 49 N62
Effects of divided feeding of roughage on rate of eating during a meal in dairy cows. (Jap) Suzuki, S *Jap J Zootech Sci* 44 (3): 181-187. Mar 1973

074985 47.8 N57
Quantitative studies on variations in feeding activity of chickens. II. Effect of physical form of feed on feeding activity of laying hens. Fujita, H *Jap Poultry Sci* 10 (2): 47-55. Mar 1973

074986 47.8 N57
Effect of hydrocarbon yeast as dietary protein source on reproducibility of breeding hens. II. Performance of second & third generation. (Jap) Yoshida, M *Jap Poultry Sci* 10 (2): 63-75. Eng. Sum. Mar 1973

074987 47.8 N57
Improvement of procedure to determine gross protein value with growing chicks. I. Standard protein & basal diet. Yoshida, M *Jap Poultry Sci* 10 (2): 76-88. Ref. Mar 1973

074988 60.9 J27
Studies on intensive grazing of dairy cattle. II. Forage intake of cows grazing on Italian ryegrass pasture. [Lolium multiflorum]. (Jap) Tasaki, I *Jap Soc Grassland Sci J* 18 (3): 161-165. Ref. Eng. Sum. Oct 1972

074989 60.9 J27
Studies on intensive grazing of dairy cattle. III. Forage intake & weight gain of grazing dairy calves. (Jap) Kikuchi, M *Jap Soc Grassland Sci J* 18 (3): 166-171. Ref. Eng. Sum. Oct 1972

074990 60.9 J27
Seasonal variations of chemical composition & feeding value of orchard grass hay & mixed grass hay composed mainly by orchard grass. [Dactylis]. (Jap) Ishiguri, T *Jap Soc Grassland Sci J* 18 (4): 252-259. Ref. Eng. Sum. Dec 1972

074991 60.9 J27
Effect of moving time to next paddock on behavior of dairy heifer under rotational grazing. (Jap) Suzuki, S *Jap Soc Grassland Sci J* 18 (4): 320-328. Ref. Eng. Sum. Dec 1972

074992 385 K524
Use of ammonium perchlorate in fattening young cattle. (Rus) Epifanov, G V *Khim Sel'skom Khoz* 11 (3): 66-67. 1973

074993 385 K524
Using ammonium salts in feed rations of turkeys. (Rus) Pepelina, V A *Khim Sel'skom Khoz* 11 (3): 67-69. 1973

074994 HD1491.G3K6
Doubled fattening capacity by complex rationalization. (Ger) Bodenstein, K H *Kooperation* 7 (1): 9-11. Jan 1973

074995 389.78 K85
Comparison of 44 percent to 50 percent soybean meal. [Chickens, feeding]. (Ger) Splittgerber, H *Kraftfutter* 56 (5): 224-226. Eng. Sum. May 1973

074996 281.8 L93
Forage fed slaughter beef: a victim of affluence. Schupp, A *La Rural Econ* 35 (2): 9-11. May 1973

074997 11 L2322
Protein for dairy cattle. (Dan) Klausen, S *Landbonyt* 27 (3): 133-135, 137-139. Mar 1973

074998 11 L2322
Can we economize on protein fed to broilers? (Dan) Petersen, V E *Landbonyt* 27 (3): 176-179. Mar 1973

074999 SF1.L32
Seasonal live body mass changes & wool growth of Dohne Merino sheep in eastern Highveld. [Feeding]. Reyneke, J *Landbouwet S-Afr Agric Sci S Afr Agroanim* 4 (2): 25-33. Ref. 1972

075000 SF1.L32
Evaluation of digestibility of treated proteins. [Sheep]. Schoeman, E A *Landbouwet S-Afr Agric Sci S Afr Agroanim* 4 (2): 35-45. Ref. 1972

075001 SF1.L32
Flavour studies with different levels & times of fish meal feeding & some flavour-imparting additives in broiler diets. Atkinson, A *Landbouwet S-Afr Agric Sci S Afr Agroanim* 4 (2): 53-61. Ref. 1972

075002 SF1.L32
Effect of high levels of different fish meals, of several antioxidants & poultry byproduct meal on flavor & fatty acid composition of broilers. Atkinson, A *Landbouwet S-Afr Agric Sci S Afr Agroanim* 4 (3): 63-67. 1972

075003 SF1.L32
Effect of brackish shrubveld & grass pastures upon gestation period of Karakul ewes & fur characteristics of their newborn lambs. (Afr) Steyn, J A *Landbouwet S-Afr Agric Sci S Afr Agroanim* 4 (3): 69-72. Eng. Sum. 1972

075004 SF1.L32
Influence of pregnancy & lactation on voluntary feed intake of Afrikaner heifers & cows. Penzhorn, E J *Landbouwet S-Afr Agric Sci S Afr Agroanim* 4 (4): 83-92. 1972

075005 SF1.L32
Improving fertility in Karakul sheep. Le Roux, P J *Landbouwet S-Afr Agric Sci S Afr Agroanim* 4 (4): 97-102. 1972

075006 58.8 L235
Experiences with maintenance & feeding. [Swine]. (Ger) Blendl, H *Landtechnik* 28 (5): 131-136. Mar 15, 1973

075007 11 L234
Benefits of using domestic feed for donkeys & swine. (Swe) Carlsson, L *Lantmannen* 84 (7): 20-21. Apr 13, 1973

075008 11 L234
Hygienic quality of pasture fodder. (Swe) Jonsson, G *Lantmannen* 84 (7): 22-23. Apr 13, 1973

075009 43.8 B392
Cheaper & easier to feed dairy cows a complete ration-Californian experience. Bath, D L *Livest Farming* 10 (2): 64, 68. Feb 1973

075010 S11.O78
Peas as fodder. (Swe) Nilsson, H *Medlemsbl Ostergotlands Lans Hushallningssallsk* 6 (1): 18-20. 1973

075011 SF221.M5
Problems of feeding ruminants. (Ger) Rohr, K *Milch Praxis* 11 (1): 11-12. Feb 1973

075012 SF221.M5
Dairy cattle rearing on field cropand grassland farms. (Ger) Strauss, H D *Milch Praxis* 11 (1): 18-22. Feb 1973

075013 SF221.M5
Calf fattening on small farms. (Ger) Roloff, A *Milch Praxis* 11 (1): 26. Feb 1973

075014 SF221.M5
Results of farm feeding performance test of Schleswig-Holstein Chamber of Agriculture. [Cattle]. (Ger) Heller, D *Milch Praxis* 11 (2): 18. May 1973

075015 SF221.M5
Feeding of brickets & cobs from hot air dried grass to dairy cattle. (Ger) Burgstaller, G *Milch Praxis* 11 (2): 25-26. May 1973

075016 SF221.M5
On fattening of female cattle. (Ger) Papendick, K *Milch Praxis* 11 (2): 30-31. May 1973

075017 SF221.M5
Feed concentrate for pasture bulls rewarding? (Ger) Bothmer, G G von *Milch Praxis* 11 (2): 7-8, 10. May 1973

075018 18 N39
Swine & poultry feeding after a norm. (Ger) Freese, H H *Mitt Deut Landwirtges* 88 (18): 516, 518. May 3, 1973

075019 41.8 M742
Experimental studies into acid-base ratio in cattle. [Feed]. (Ger) Lachmann, G *Monatsh Veterinarmed* 28 (8): 290-294. Ref. Eng. Sum. Apr 15, 1973

075020 41.8 M742
Disorders due to copper deficit in sheep & cattle. (Ger) Anke, M *Monatsh Veterinarmed* 28 (8): 294-298. Ref. Eng. Sum. Apr 15, 1973

075021 41.8 M742
Recent findings regarding metabolism of minerals in cattle in pregnancy-to-lactation transitional period, with reference to preventing disorders of mineral metabolism (Ca, P). [Calcium, Phosphorus]. (Ger) Kolb, E *Monatsh Veterinarmed* 28 (8): 308-313. Ref. Eng. Sum. Apr 15, 1973

075022 298.8 M89
Optimization of feed dispensing by means of electronic calculator. [Swine]. (Ger) Volker, L *Muhle Mischfuttertech* 110 (16): 241-244. Apr 19, 1973

075023 298.8 M89
Utilization of organic wastes from agriculture & industry: Keratine & poultry manure as feed for livestock & poultry. (Ger) Vogt, H *Muhle Mischfuttertech* 110 (16): 252-255. Apr 19, 1973

075024 298.8 M89
A hormone free, anabolic hormone for ruminants: Possibilities for better protein utilization. [Cattle, sheep]. (Ger) Hertrampf, J *Muhle Mischfuttertech* 110 (18): 285-287. Ref. May 3, 1973

075025 S19.M9
Studies on 3-nitro Hoechst in poultry feed. Setty, S V S *Mysore J Agr Sci* 6 (4): 485-490. Ref. 1972

075026 S11.N93
Selenium: necessary element in feed. (Dan) Nielsen, G G *Nye Dan Landbrug* 4 (4/5): 19-21, 23. Apr/May 1973

075027 SB197.B7
Efficiency of different forage utilisation methods. Jones, J G W *Occas Symp Br Grassl Soc* 7: 57-66. Ref. 1972

075028 20.5 OL8
Protective & metabolic properties of rats' skin in abnorma l feeding conditions. (Pol) Fitko, R *Olsztyn Wyzsza Szkola Roln Zeszyty Nauk* 28 (2): 313-328. Ref. Eng. Sum. 1972

075029 100 OR3M
Feeding grass straw to wintering beef cows. Vavra, M *Oreg Agr Exp Sta Spec Rep* 384: 49-54. May 1973

075030 100 OR3OR
Sludge adds up as feed. *Oreg Agr Progr* 19 (4): 8-9. Spring 1973

075031 41.8 P76
Effect of calcium, magnesium & phosphorus intakes on metabolism of these minerals & on development of disorders associated with deficiency of these elements. [Cows, feeding]. (Pol) Kryczka, S *Pol Arch Weter* 15 (4): 767-782. Ref. Eng. Sum. 1972

075032 19.5 P752
Nutrient consuption in sows of various breeds in course of production cycle in view of economics of pig production. (Slo) Majerciak, P *Pol'nohospodarstvo* 19 (1): 16-24. Eng. Sum. 1973

075033 19.5 P752
A study on establishment of a beef cattle herd improved by breeding. (Slo) Sommer, A *Pol'nohospodarstvo* 251500 1973

075034 47.9 P87
Influence of protein level of plant origin on weight gains & feed conversion in growing white Italian geese. (Pol) Bielinski, K *Postepy Drobiarstwa* 14 (3): 135-145. Ref. Eng. Sum. 1972

075035 20.5 P84
Present state of investigations into feeding value of winter vetch compared with other forage plants. (Pol) Ponikiewska, T *Postepy Nauk Roln* 20/25 (1): 55-73. Ref. 1973

075036 47.8 AM33P
Evaluating new or improved poultry feedstuffs by parametric linear programming techniques. Davies, Y *Poultry Sci* 52 (1): 102-107. Jan 1973

075037 47.8 AM33P
Metabolizable energy content of rapeseed oils & rapeseed oil foots & effects of blending with other fats. Lall, S P *Poultry Sci* 52 (1): 143-151. Ref. Jan 1973

075038 47.8 AM33P
Feeding behaviour elicited by electrical stimulation of brain in chickens, Gallus gallus. Tweeton, J R *Poultry Sci* 52 (1): 165-172. Ref. Jan 1973

075039 47.8 AM33P
Effect of feeding laying hens various levels of cow manure on pigmentation of egg yolks. Littlefield, L H *Poultry Sci* 52 (1): 179-181. Ref. Jan 1973

075040 47.8 AM33P
Tolerance levels of free gossypol in layer diets as influenced by iron: gossypol ratios. Waldroup, P W *Poultry Sci* 52 (1): 20-28. Ref. Jan 1973

075041 47.8 AM33P
Use of neutralized soybean oil soapstock for broilers. Menge, H *Poultry Sci* 52 (1): 219-222. Jan 1973

075042 47.8 AM33P
Methods of delaying sexual maturity of pullets. 2. Restricting energy consumption. Fuller, H L *Poultry Sci* 52 (1): 228-236. Jan 1973

075043 47.8 AM33P
Thyroidal I [iodine] uptake of Japanese quail in response to three different dietary goitrogens. Howarth, B *Poultry Sci* 52 (1): 326-331. Jan 1973

075044 47.8 AM33P
Relationship of yolk pigmentation to candled grade. [Chickens]. Hinton, C F *Poultry Sci* 52 (1): 363-364. Ref. Jan 1973

075045 47.8 AM33P
Influence of feeding ascorbic acid & sulfate on egg production & on cholesterol content of certain tissues of hen. Nockels, C F *Poultry Sci* 52 (1): 373-378. Ref. Jan 1973

075046 47.8 AM33P
Chemical versus chick bioassay for phosphorus availability of feed grade sources. Day, E J *Poultry Sci* 52 (1): 393-395. Jan 1973

075047 47.8 AM33P
Partial replacement of sulfur amino acids in layer diets with sodium sulfate. Damron, B L *Poultry Sci* 52 (1): 400-402. Jan 1973

075048 47.8 AM33P
Urea & diammonium citrate for laying hens. [Feeding]. Kazemi, R *Poultry Sci* 52 (1): 44-50. Ref. Jan 1973

075049 47.8 AM33P
Effect of dietary animal tallow & vegetable oil on fatty acid composition of egg yolk, adipose tissue & liver of laying hens. Sim, J S *Poultry Sci* 52 (1): 51-57. Ref. Jan 1973

075050 47.8 AM33P
Effect of feeding different protein levels & of changing protein level on egg production. [Chickens]. Fernandez, R *Poultry Sci* 52 (1): 64-69. Jan 1973

075051 47.8 AM33P
Relationship between fats in broiler finisher rations & fats in chiller water from broiler processing. Hamm, D *Poultry Sci* 52 (1): 88-92. Ref. Jan 1973

075052 47.8 AM33P
Essential amino acid levels for starting turkey poults. Warnick, R E *Poultry Sci* 52 (2): 445-452. Mar 1973

075053 47.8 AM33P
Effect of forced feeding & of dietary protein level on enzymes associated with digestion, protein & carbohydrate metabolism in geese. Nitsan, Z *Poultry Sci* 52 (2): 474-481. Ref. Mar 1973

075054 47.8 AM33P
Effect of chemical & physical properties of phosphates on energy utilization by chicks. Nelson, T S *Poultry Sci* 52 (2): 481-485. Mar 1973

075055 47.8 AM33P
Effect of low protein & skip-a-day grower diets on subsequent performance of turkey breeder hens. Voitle, R A *Poultry Sci* 52 (2): 543-548. Ref. Mar 1973

075056 47.8 AM33P
Thyroid function of chicks after withdrawal of (-)-5-vinyl-2-oxazolidinethione, a goitrogen in rapeseed. Akiba, Y *Poultry Sci* 52 (2): 562-567. Mar 1973

075057 47.8 AM33P
Lysine requerement of growing chicks fed sesame meal-gelatin diets at three protein levels. Boomgaardt, J *Poultry Sci* 52 (2): 586-591. Ref. Mar 1973

075058 47.8 AM33P
Effect of age on lysine & sulfur amino acid requirement of growing chickens. Boomgaardt, J *Poultry Sci* 52 (2): 592-597. Ref. Mar 1973

075059 47.8 AM33P
Linoleic acid requirement of turkey poults. Ketola, H G *Poultry Sci* 52 (2): 597-603. Ref. Mar 1973

075060 47.8 AM33P
Variation in estimates of metabolizable energy value of rapeseed meal determined with chickens of different ages. March, B E *Poultry Sci* 52 (2): 614-618. Ref. Mar 1973

075061 47.8 AM33P
Changes in egg shell quality & pesticide content of laying hens or pullets fed DDT in high or low calcium diets. Cecil, H C *Poultry Sci* 52 (2): 648-653. Mar 1973

075062 47.8 AM33P
Internal quality, composition & defects of eggs from hens fed a calcium deficient diet. McCready, S T *Poultry Sci* 52 (2): 670-675. Ref. Mar 1973

075063 47.8 AM33P
Influence of dietary energy source on performance & fatty liver syndrome in White Leghorn laying hens. Bragg, D B *Poultry Sci* 52 (2): 736-740. Ref. Mar 1973

075064 47.8 AM33P
Studies on nutritional value of sorghum grains with varying tannin contents for chicks. 1. Growth studies. Rostagno, H S *Poultry Sci* 52 (2): 765-772. Ref. Mar 1973

075065 47.8 AM33P
Studies on nutritional value of sorghum grains with varying tannin contents for chicks. 2. Amino acid digestibility studies. Rostagno, H S *Poultry Sci* 52 (2): 772-778. Ref. Mar 1973

075066 47.8 AM33P
Effect of vitamin E on egg production, hatchability & humoral immune response of chickens. Tengerdy, R P *Poultry Sci* 52 (2): 778-783. Ref. Mar 1973

075067 47.8 AM33P
Effect of incorporating hen manure into diet of young chicks. Sloan, D R *Poultry Sci* 52 (2): 803-805. Mar 1973

075068 SF1.P7
Influence of different content & relation of calcium & phosphorus on development of young hens of White Leghorn breed. [Feed]. (Cze) Mikolasek, A *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 1: 163-171. Ref. Eng. Sum. 1972

075069 SF1.P7
Contribution to utilization of phosphorus from plant feedstuffs in diets for chickens. (Cze) Rous, J *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 1: 167-177. Ref. Eng. Sum. 1973

075070 SF1.P7
Dry feeds & supplement of amino acids in feed rations of growing minks. (Cze) Skrivan, M *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 1: 173-181. Eng. Sum. 1972

075071 SF1.P7
Effect of fasting & refeeding by glucose on glycogen contents in glycogen body, liver & muscles of chicken. (Cze) Houska, J *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 1: 63-70. Ref. Eng. Sum. 1973

075072 SF1.P7
Dry protein mixture in feed rations of growing minks. (Cze) Skrivan, M *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 2: 155-161. Eng. Sum. 1972

075073 SF1.P7
Influence of blood, conserved before drying with allylisothiocyanate on animal organism. I. Experiments with pigs. [F-(Cze) Sova, Z *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 2: 17-45. Ref. Eng. Sum. 1972

075074 SF1.P7
Influence of blood, conserved before drying with allylisothiocyanate on animal organism. Experiments in poultry. [Feeding (Cze) Trefny, D *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 2: 47-67. Eng. Sum. 1972

075075 23 Q37
Effect of method establishment of Townsville stylo & application of superphosphate on growth of steers. Graham, T G *Queensland J Agr Anim Sci* 29 (4): 289-296. Dec 1972

075076 41.8 R24
On nutritive value of poultry manure: Metabolisable energy of these products. (Fre) Ferrando, R *Rec Med Vet* 149 (3): 337-347. Ref. Eng. Sum. Mar 1973

075077 41.8 R24
Recent data concerning use of sugar in animal nutrition. I. Utilization factors. (Fre) Ferrando, R *Rec Med Vet* 149 (4): 507-521. Eng. Sum. Apr 1973

075078 S544.3.M6M6
16Th, Montana livestock feeders report. *Res Rep Mont Agric Exp Stn Mont State Univ* 37, 76 P. 1973

075079 S544.3.M6M6
Feed additives for beef cattle. Thomas, O O *Res Rep Mont Agric Exp Stn Mont State Univ* 37: b.1-B.6. 1973

075080 13 R322
Value of a milk substitute without dried skimmilk for rearing calves. (Fre) Cottyn, B G *Rev Agr (brussels)* 26 (): 163-175. Eng. Sum. Jan/Feb 1973

075081 13 R322
Studies on incorporation of coccidiostat 'Cycostat' in feeds for broilers. (Fre) Keppens, L *Rev Agr (brussels)* 26 (1): 189-196. Ref. Eng. Sum. Jan/Feb 1973

075082 13 R322
Use of different qualities of fat in nutrition of slaughter swine. (Fre) Bekaert, H *Rev Agr (brussels)* 26 (1): 25-41. Ref. Eng. Sum. Jan/Feb 1973

075083 9.2 C332
Digestibility of elephantgrass (Pennisetum purpureum Schum): 'In vivo' & 'in vitro' correlation. (Por) Farias, I *Rev Ceres* 19 (106): 410-415. Eng. Sum. Nov/Dec 1972

075084 43.8 R32
How to beat drought. [Animal nutrition]. (Por) Fabiani, F *Rev Criadores* 43 (517): 75-77. Jan 1973

075085 41.8 R32
Research on feeding behaviour in ruminants. X. Ingestive behaviour in cattle under field conditions. (Fre) Ruckebusch, Y *Rev Med Vet (toulouse)* 124 (5): 685-691. Ref. Eng. Sum. May 1973

075086 SF15.M6R49
Lysine & methionine supplementation in diets of opaque & common corn base for broilers. (Spa) Cuca G, M *Rev Mex Prod Anim* 4 (1): 21-26. Ref. Eng. Sum. July 1972

075087 SF15.M6R49
Nutritive value of chickpeas (Cicer arietinum) for poultry & swine. (Spa) Cuca G, M *Rev Mex Prod Anim* 4 (1): 27-34. Ref. Eng. Sum. July 1972

075088 24 R3472
Dietary energy intake & utilization by young Friesland calves. 5. Metabolizable energy content of dry diets containing different proportions of low or high quality roughage. Johnson, P T C *Rhodesia Zambia Malawi J Agr Res* 11 (1): 11-18. Ref. 1973

075089 24 R3472
Dietary energy intake & utilization by young Friesland calves. 6. Energy retention by calves offered dry food containing different proportions of low or high quality roughage. Johnson, P T C *Rhodesia Zambia Malawi J Agr Res* 11 (1): 19-33. Ref. 1973

075090 24 R3472
Dietary energy intake & utilization by young friesland claves. 4. Estimated energy retention by claves offered dry food containing either low or high quality roughage, in addition to milk, before weaning. Johnson, P T C *Rhodesia Zambia Malawi J Agr Res* 11 (1): 3-10. 1973

075091 24 R3472
Cytological changes observed in pituitary cells of indigenous sow (Sus scrofa domesticus) resulting from experimental underfeeding. [Cattle]. Wadman, J B *Rhodesia Zambia Malawi J Agr Res* 11 (1): 35-39. Ref. 1973

075092 SF1.S6
Influence of live weight on voluntary intake of low quality roughage by Merino sheep & its implications for successful overwintering on grass veld. Louw, G N *S Afr J Anim Sci* 2 (1): 9-12. 1972

075093 241.71 B75
Feeding of dairy cow & its effects on qualitative characteristics of milk. (Ita) Buiatti, P G *Sel Vet* 14 (1): 1-18. June 1973

075094 21 SE492
About problem of utilizing sunflower seed in feed mixtures for broiler chicks. (Bul) Panaiotov, P *Selskostop Nauk* 12 (1): 41-44. Ref. Eng. Sum. 1973

075095 S13.S55
On norms for sugar in feed rations of milch cows. (Rus) Troshin, I P *Sib Vestn S-kh Nauk* 1: 46-49. Jan/Feb 1973

075096 9 SO1
Energy supplementation in winter pasture. [Cattle]. (Spa) Guarrochena, R *Soc Rural Argent An* 106 (12): 36-39, 41. Dec 1972

075097 46.8 SU3
Feeding of swine in various stages of growth. (Rum) Caselli, R *Suinicoltura* 14 (1): 9-41. Jan 1973

075098 46.8 SU3
An ideal program for feeding of lean pig. (Ita) Hays, V *Suinicoltura* 14 (3): 13-22. Mar 1973

075099 46.8 SU3
Technicoeconomic aspects of pre-fattening. [Pigs]. (Ita) *Suinicoltura* 14 (3): 23-25. Mar 1973

075100 46.9 SV2
Feed & protein utilization under different environmental conditions. [Swine]. (Swe) Ostholm, C O *Svinskotsel* 63 (4): 17-18. Apr 13, 1973

075101 46.9 SV2
Feed additives that stimulate growth. [Swine]. (Swe) Pettersson, A *Svinskotsel* 63 (4): 19, 21. Apr 13, 1973

075102 46.9 SV2
Bedding with protein for swine? [Feed]. (Swe) Engstrom, C *Svinskotsel* 63 (4): 20-21. Apr 13, 1973

075103 S3.S8
Value of animal fat in feed mixtures for bacon pigs. Pettersson, A *Swed J Agric Res* 3 (1): 21-30. Ref. 1973

075104 23 T182T
Drought management & feeding of beef cattle. Hemsley, B *Tasmania J Agric* 44 (1): 1-6. Feb 1973

075105 298.8 SE42
Medical microingredients for feedstuffs employed in chemoprophylaxis of animal diseases. (Ita) Caselli, R *Tec Molitoria* 23 (24): 805-812. Dec 30, 1972

075106 100 T25F
Effect of number of pigs per pen on performance of growing-finishing swine. Masincupp, F B *Tenn Farm Home Sci Progr Rep* 85: 12-14. Jan/Mar 1973

075107 S9.T4
Calves of mountains. [Pastures, feeding]. (Ita) Baldoni, R *Terra Vita* 13 (37): 10-11. Sept 22, 1972

075108 49 T443
Suggestions regarding incorporation of sugar beet & processed sugar beet into standardized feed rations for industry-like milk production. (Ger) Boldt, E *Tierzucht* 2((2): 81-88. Feb 1973

075109 49 T443
Fattening result & carcass value of crossbred lambs. (Ger) Konig, K H *Tierzucht* 26 (11): 437-438. Nov 1972

075110 49 T443
Proposals on how to include sugar beet & sugar-beet by-products in standardized feed rations for industry-like bull fattening. (Ger) Boldt, E *Tierzucht* 27 (1): 15-19. Jan 1973

075111 49 T443
Advice on dairy cow feeding. (Ger) Beyrich, H *Tierzucht* 27 (1): 22-24. Jan 1973

075112 49 T443
Increased pork production implies rational feeding. (Ger) Busch, B *Tierzucht* 27 (1): 3-6. Jan 1973

075113 49 T443
Experience gained in intensive fattening of lambs. (Ger) Eckert, W *Tierzucht* 27 (1): 34-37. Jan 1973

075114 49 T443
Advice on summer fattening of pigs. (Ger) Ober, G *Tierzucht* 27 (2): 92-93. Nov/Dec 1972

075115 49 T443
Fattening performance & carcass value of Holstein Friesian x DSR & DSR bulls. (Ger) Papstein, H J *Tierzucht* 27 (4): 162-164. Apr 1973

075116 49 T443
Meat condition of heifers & bulls fattened under varying intensity. (Ger) Schwark, H J *Tierzucht* 27 (4): 168-171. Apr 1973

075117 49 T443
Studies on field bean meal in sole rations for finishing pigs. (Ger) Kracht, W *Tierzucht* 27 (4): 184-186. Apr 1973

075118 49 T443
Advice on summer feeding of pigs. (Ger) Busch, B *Tierzucht* 27 (5): 221-223. May 1973

075119 49 T445
Experiences with ad-libitum feeding in fattening performance testing. [Swine]. (Ger) Agde, K *Tierzuchter* 25 (3): 105-106, 108. Mar 5, 1973

075120 49 T445
On supply of dried forage in ruminant feeding. (Ger) Rohr, K *Tierzuchter* 25 (4): 156, 158. Apr 5, 1973

075121 49 T445
Feeding of breeding sows during lactation at different weaning times. (Ger) Burgstaller, G *Tierzuchter* 25 (4): 159-160. Apr 5, 1973

075122 49 T445
Supply of feed urea in ruminant feeding: Highly topical!. (Ger) Drolshagen, R *Tierzuchter* 25 (4): 160-162. Apr 5, 1973

075123 41.8 T431
Gastric & caecal lesions in pigs following feeding of sulphite. Feron, V J *Tijdschr Diergeneesk* 98 (8): 377-387. Ref. Apr 15, 1973

075124 11 T58
Use of manure from farm animals for feed & for other useful purposes. (Dan) Brahe-Pedersen, O *Tolvmandsbladet* 45 (3): 119-121. Mar 1973

075125 QL229.C9T6
Early weaning of swine: Utilization of raw sugar as a basic source of energy & powdered skim milk & Torula yeast as basic protein sources, in replacement of swine's milk. (Spa) Peyrellade, J *Torreia* (New Ser.) 23, 16 P. Eng. Sum. Oct 30, 1972

075126 18 UB3
Structural change in turkey hen fattening. (Ger) Johannlukens, E *Ubersicht* 24 (1): 29-31. Jan 13, 1973

075127 43.8 UN7
New knowledge on feeding of high performing cattle. (Ger) Menke, K H *Unser Milchvieh* 25 (4): 1-2. Apr 1973

075128 410 V42
First quality feed produces good skins. [Mink]. (Swe) Mejerland, T *Vara Palsdjur* 44 (3): 92-93. Mar 15, 1973

075129 11 V44T
Tests concerning protein in feed. (Swe) Almgarden, N *Vastmanlands Lans Hushallningssallsk Tidskr* 3: 8-10. 1973

075130 20 V633
An efficient method of feeding urea to livestock being fattened. (Rus) Shmanenkov, N A *Vestn Sel'skokhoz Nauk (moscow)* 3: 53-57. Eng. Sum. Mar 1973

075131 20 V633
Coarse feeds in full-ration mixes. (Rus) Beliaevskii, IU I *Vestn Sel'skokhoz Nauk (moscow)* 3: 66-74. Ref. Eng. Sum. Mar 1973

075132 20 V633
Effectiveness of micronutrient salt supplements in large-scale fattening of young bulls & steers. (Rus) Epitov, E M *Vestn Sel'skokhoz Nauk (moscow)* 3: 74-78. Eng. Sum. Mar 1973

075133 20 V633
Addition of synthetic methionine and feed concentrate of vitamin B12 to baby pig rations. (Rus) Filipovich, E G *Vestn Sel'skokhoz Nauk (moscow)* 3: 79-83. Eng. Sum. Mar 1973

075134 20 V633
On number of times for feeding calves. (Rus) Potekhin, S A *Vestn Sel'skokhoz Nauk (moscow)* 4: 121-126. Ref. Apr 1973

075135 20 V633
Haylage, widely-used feed in rations of dairy cattle. (Rus) Palfii, F IU *Vestn Sel'skokhoz Nauk (moscow)* 4: 58-61. Eng. Sum. Apr 1973

075136 20 V633
Bone meal of new production technology in swine ration. (Rus) Venediktov, A M *Vestn Sel'skokhoz Nauk (moscow)* 4: 78-83. Eng. Sum. Apr 1973

075137 20 V633
Lysine in feed ration & protein exchange in chick liver. (Rus) Kal'nitskii, B D *Vestn Sel'skokhoz Nauk (moscow)* 4: 83-87. Ref. Eng. Sum. Apr 1973

075138 41.8 V6456
Recent developments in early weaning technique. [Piglets]. Pay, M G *Vet Annu* 13Th: 72-77. 1972 (Pub. 1973)

075139 41.8 V6439
Polarography method of determination of 2,6-diiodine-4-nitrophenol (Syngamix) in feed. (Cze) Kredl, F *Veterinarstvi* 23 (3): 126. 1973

075140 41.8 V6439
Some of distrubances of metabolism in cattle during increasing of productivity & new methods of nutrition. (Slo) Vrzgula, L *Veterinarstvi* 23 (3): 99-101. 1973

075141 41.9 V83
Meat & lard quality of swine with different levels of protein diet. (Rus) Shpakov, A P *Vitebsk Vet Inst Uch Zap* 25: 140-145. 1972

075142 20 AK1
Effectiveness of fattening swine on feed rations with protein-vitamin supplements & lysine. (Rus) IArov, I I *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 10: 28-31. Oct 1972

075143 20 AK1
Nutritive value of alfalfa and vetch-oats hay in relation to cultural method. (Rus) Danilenko, I A *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 3: 30-31. Mar 1973

075144 20 AK1
On feeding pregnant dry Simmental cows with a milk yield of up to 4,500 kilograms. (Rus) Molchanov, M V *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 3: 33-35. Mar 1973

075145 49.9 R92
Norms of swine requirements of lysine & methionine & study of availability of amino acids & effective of using synthetic lysine & methionine. (Rus) Tomme, M F *Vses Nauch-issled Inst Zhivotn Tr* 34: 136-141. 1972

075146 49.9 R92
Developing recommendations for using nitrogenous substances (products of chemical synthesis) in livestock feeding. (Rus) Modianov, A V *Vses Nauch-issled Inst Zhivotn Tr* 34: 142-146. 1972

075147 49.9 R92
Use of vitamins A, D2, & B12 in feed rations of young cattle, swine & poultry. (Rus) Tomme, M F *Vses Nauch-issled Inst Zhivotn Tr* 34: 147-151. 1972

075148 49.9 R92
New phosphorus mineral supplements in feed rations of ruminant livestock. (Rus) Tomme, M F *Vses Nauch-issled Inst Zhivotn Tr* 34: 152-157. 1972

075149 49.9 R92
Developing recipes for full-ration mixed feeds, mixed feed concentrates, protein-vitamin-mineral supplements & full-valu (Rus) Denksov, N I *Vses Nauch-issled Inst Zhivotn Tr* 34: 158-169. 1972

075150 49.9 R92
Checking systems of energy evaluation of rations & standardization of livestock feeding. (Rus) Denisov, N I *Vses Nauch-issled Inst Zhivotn Tr* 34: 170-177. 1972

075151 49.9 R92
Developing methods for using antibiotics & biological stimulators in livestock feeding. (Rus) Leonov, N I *Vses Nauch-issled Inst Zhivotn Tr* 34: 255-270. 1972

075152 49.9 R92
On patterns of processes of nutrition determining degree of using nutrients in feed rations of productive livesto (Rus) Sineshchekov, A D *Vses Nauch-issled Inst Zhivotn Tr* 34: 282-289. 1972

075153 103 W52AD
Draff for cattle. [Feeding, wet grains]. *West Scot Agr Coll County Adv Leafl* 102, 2 P. Oct 1972

075154 389.79 F98
Feeding of various types of maize cob silage to pigs. (Ger) Roth-Maier, D A *Wirtschaftseigene Futter* 19 (2): 73-79. Eng. Sum. Apr/June 1973

075155 389.79 F98
Investigations on the protein value of several varieties of oats and the effect of husks on the digestibility and biological value of oat varieties for pigs. (Ger) Brune, H *Wirtschaftseigene Futter* 19 (2): 80-89. Ref. Eng. Sum. Apr/June 1973

075156 100 W75R
Daily vs twice-a-week feeding of gestating sows. Ankley, D L *Wis Agr Exp Sta Res Rep* 2342, 4 P. Feb 1972

075157 389.78 Z3
Factorial method to calculate energy requirements of pregnant breeding sows. (Ger) Vaschoubroek, F *Z Tierphysiol Tierernahr Futtermittelkunde* 31 (1): 1-21. Ref. Eng. Sum. Feb 1973

075158 41.8 Z5
Studies on fatty liver problem in laying hens. I. effect of high energy & restrictive feeding on bodyweight, production, blood fat level & total liver lipid in caged hens at beginning of l (Ger) Sallmann, H P *Zentralbl Veterinarmed Reihe A* 20 (2): 116-127. Ref. Eng. Sum. Mar 1973

075159 49 Z6
Large-scale fattening of young cattle in Leningrad Region. (Rus) Mikhailova, V N *Zhivotnovodstvo* 2: 23-24. Feb 1973

075160 49 Z6
On substituting grass meal concentrates in rations of cows producing 4,000-6,000 kilograms of milk. (Rus) Emel'ianov, A S *Zhivotnovodstvo* 2: 39-41. Feb 1973

075161 49 Z6
On collecting garbage among inhabitants of RSFSR. [Swine, feeding]. (Rus) Gurin, A I *Zhivotnovodstvo* 2: 41-44. Feb 1973

075162 49 Z6
Organization of cow feeding in industrialized dairy complexes. (Rus) Boiarskii, L G *Zhivotnovodstvo* 3: 43-47. Mar 1973

075163 49 Z6
Use of meat-bone meal in fattening cattle. (Rus) Zatserkovnyi, V M *Zhivotnovodstvo* 3: 47-48. Mar 1973

075164 49 Z6
Modern trends in experimental methods of livestock feeding. (Rus) Maksakov, V IA *Zhivotnovodstvo* 3: 50-52. Mar 1973

075165 49 Z6
Improved use of feed reserves. (Rus) Tsunts, Z I *Zhivotnovodstvo* 3: 53-55. Mar 1973

075166 49 Z6
More efficient use of feeds in stall housing. [Cattle]. (Rus) Lobanov, G L *Zhivotnovodstvo* 3: 55-57. Mar 1973

075167 49 Z6
Fattening cattle on fresh beet pulp & quality of meat. (Rus) Chebotarev, I E *Zhivotnovodstvo* 4: 37-39. Apr 1973

075168 49 Z6
Feed concentrates as supplements for cattle kept on cultivated pastures. (Rus) Zemliakov, IU V *Zhivotnovodstvo* 4: 50-51. Apr 1973

075169 49 Z6
Effect of dry amide beet pulp on health & milk yield of cows & young cattle. (Rus) Vishniakov, S I *Zhivotnovodstvo* 4: 55-57. Apr 1973

075170 49 Z6
Iodine content in cow's milk with cows fed supplement of micronutrients. (Rus) Dauzov, M D *Zhivotnovodstvo* 4: 57-58. Apr 1973

075171 49 Z6
Amylolytic enzyme preparations in feeding young swine. (Rus) Bakai, S M *Zhivotnovodstvo* 4: 72-74. Apr 1973

075172 49 Z6
More extensive use of whole milk substitutes. [Cattle, swine, feeding]. (Rus) Mamatelashvili, V G *Zhivotnovodstvo* 4: 76-77. Apr 1973

LIVESTOCK BREEDING

075173 11 AC82
A note on interrelations between heterozygosity & ageing. Liljedahl, L E *Acta Agr Scand* 23 (1): 39-42. 1973

075174 448.8 AC85
Concentrations of oestradiol-17beta oestrone & progesterone in jugular venous plasma of cows during oestrous cycle & in early pregnancy. Glencross, R G *Acta Endocrinol* 73 (2): 374-384. Ref. June 1973

075175 448.8 AC85
Changes of progesterone, total oestrogens, corticosteroids, prolactin & LH [luteinizing hormone] in bovine peripheral plasma around parturition with special reference to effect of exog Hoffmann, B *Acta Endocrinol* 73 (2): 385-395. Ref. June 1973

075176 41.8 AC84
Research on some inherent parameters of reproductive efficienty of Avelignese horses raised in southern Italy. (Ita) De Franciscis, G *Acta Med Vet* 18 (3/4): 177-196. Ref. Eng. Sum. May/Aug 1972

075177 SF1.A2
Correlation between blood groups & some utility properties of pigs. (Rus) Gavalier, M *Acta Zootech* 24: 105-120. Eng. Sum. 1972

075178 SF1.A2
Contribution to study of feedstuff utilization in pigs at a simple utility crossbreeding. (Slo) Paska, I *Acta Zootech* 24: 121-129. Eng. Sum. 1972

075179 SF1.A2
Contribution to study of slaughter properties in pigs at simple utility crossbreeding. (Slo) Paska, I *Acta Zootech* 24: 131-138. Ref. Eng. Sum. 1972

075180 464.9 C432B
Conventional farrowing and nursery crate for swine. (Spa) Devilat B, J *Agr Tec* 33 (1): 24-29. Ref. Eng. Sum. Jan/-Mar 1973

075181 442.8 AL6
Effect of environmental factors on phosphatase activity of ram spermatazoa. (Rus) Martynov, IU F *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 1: 80-82. Jan/Feb 1973

075182 11 AL8K
Impotence in boars. (Swe) Einarsson, S *Alvsborgs Lans Sodra Hushallningssallsk Tidskr* 3: 6-7. May 1973

075183 41.8 AM3A
Relationship of fetal gonads to urinary estrogen excretion by pregnant mare. Raeside, J I *Amer J Vet Res* 34 (6): 843-845. Ref. June 1973

075184 41.8 AM3
Duration of estrus & ovulation time in nonlactating mares given human chorionic gonadotropin during three successive estrous periods. Sullivan, J J *Amer Vet Med Assoc J* 162 (10): 895-898. Ref. May 15, 1973

075185 41.8 AN52
Future research in bovine reproduction. Dobson, H *Anim Health* 20: 22-24. Apr 1973

075186 49 AR23
On incorporation of milk protein yield into cattle breeding program of German Democratic Republic. Selection parameters & selection indexes. (Ger) Franz, H *Arch Tierzucht* 16 (1): 15-24. Eng. Sum. 1973

075187 49 AR23
Comparison of breeding bull's daughters with herd companions under various levels of performance. (Ger) Geissler, B *Arch Tierzucht* 16 (1): 25-30. Eng. Sum. 1973

075188 49 AR23
On incorporation of milk protein yield into cattle breeding program of German Democratic Republic. Problem, description of material, & results regarding influenc (Ger) Franz, H *Arch Tierzucht* 16 (1): 3-14. Ref. Eng. Sum. 1973

075189 49 AR23
Selection indices of bull mothers & bulls in dairy cattle breeding. Selection of dairy young bulls. (Ger) Eckardt, H *Arch Tierzucht* 16 (1): 31-40. Ref. Eng. Sum. 1973

075190 41.8 AU72
Reproduction patterns in domestic cat. Prescott, C W *Aust Vet J* 49 (3): 126-129. Mar 1973

075191 41.8 AU72
Clinical studies on bovine parturition: foetal aspects. Dufty, J H *Aust Vet J* 49 (4): 177-181. Apr 1973

075192 41.8 AU72
Comparison of fertility of bovine semen collected by artificail & electro-ejaculation from bulls with low libido. Clarke, R H *Aust Vet J* 49 (5): 240-241. May 1973

075193 41.8 AU72
Post parturient oestrus in Merino & Dorset Horn sheep. George, J M *Aust Vet J* 49 (5): 242-245. Ref. May 1973

075194 41.8 AU72
Effect of benzyl alcohol on oestrous cycle of cattle. MacMillan, K L *Aust Vet J* 49 (5): 267-268. May 1973

075195 23 AU783
Bos indicus & Bos taurus, crossbred dairy cattle in Australia. II. Effect of calf removal & prolactin treatment on lactation in crossbred Bos indicus x Bos taurus females. Hayman, R H *Australian J Agr Res* 24 (3): 449-456. May 1973

075196 442.8 AU72
Fertility of ram spermatozoa frozen in a tris-based diluent. Visser, D *Australian J Biol Sci* 26 (2): 513-516. Ref. Apr 1973

075197 SF95.A9
Reflections on creation of a center for progeny testing of sheep. (Spa) Sanchez Belda, A *Av Aliment Mejora Anim* 14 (1): 23-24. Jan 1973

075198 SF95.A9
Present topics in cattle rearing: Vital statistics relative to reproductive function in cattle of Piedmont breed. (Spa) Varquero, B M *Av Aliment Mejora Anim* 14 (1): 27-28. Jan 1973

075199 47.8 R523
'big White & Eureka', two new entirely Italian lines from Avicola-Aglietto. [Chickens]. (Ita) Piras, N *Avicoltura* 42 (3): 69-78. Mar 1973

075200 S11.B43
Results of simple cross breeding between Grand Yorkshire & Dutch Landrace swine. (Dut) Pars, J G C van de *Bedrijfsontwikkeling* 4 (4): 333-336. Apr 1973

075201 47.9 D41
Breeding for egg production. [Poultry]. (Dan) borsting, E *Beret Landsudv Fjerkraevlen* P. 22-25. 1972

075202 47.9 D41
Line cross test with light strains. [Poultry]. (Dan) Borsting, E *Beret Landsudv Fjerkraevlen* P. 27-32. 1972

075203 47.9 D41
Breeding for broiler production. (Dan) Borsting, E *Beret Landsudv Fjerkraevlen* P. 32-35. 1972

075204 47.9 D41
Progeny tests with broilers. (Dan) Borsting, E *Beret Landsudv Fjerkraevlen* P. 35-38. 1972

075205 47.9 D41
Line cross test with broilers, 1971/1972. (Dan) *Beret Landsudv Fjerkraevlen* P. 39-45. 1972

075206 47.9 D41
Line cross tests for egg laying capacity of White Plymouth Rock hens, 1971/1972. (Dan) Borsting, E *Beret Landsudv Fjerkraevlen* P. 45-48. 1972

075207 47.9 D41
Breeding of meat production with turkeys, geese, & ducks. (Dan) Borsting, E *Beret Landsudv Fjerkraevlen* P. 48-49. 1972

075208 QL876.B5
Bovine sperm fractionation. I. Selective degradation & segment separation. Pihlaja, D J *Biol Reprod* 8 (3): 311-320. Ref. 1973

075209 QL876.B5
Failure of prepartum of neonatal steroid injections to cause infertility in heifers, gilts, & bitches. Zimbelman, R G *Biol Reprod* 8 (3): 388-391. 1973

075210 442.8 B5238
Stiffness of flagella of impaled bull sperm. Lindemann, C B *Biophys J* 13 (5): 437-448. Ref. May 1973

075211 43.9 B775
Current views of a practical cattle breeder. Teverson, H W S *Brit Cattle Breeders Club Dig* 28: 69-72. 1973

075212 QH431.I52
Selection of male lines of beef cattle for terminal crossing. (Fre) Vissac, B *Bull Tech Dep Genet Anim Inst Natl Rech Agron* 15: 1-22. Ref. Eng. Sum. 1972

075213 QH431.I52
Placing & efficacity of selection scheme of beef bulls for industrial crossing. (Fre) Frebling, J *Bull Tech Dep Genet Anim Inst Natl Rech Agron* 15: 23-55. Ref. Eng. Sum. 1972

075214 QH431.I52
Studies on optimal income of selection scheme of males of beef breeds for production of calves & (or) young cattle. (Fre) Mocquot, J C *Bull Tech Dep Genet Anim Inst Natl Rech Agron* 15: 56-76. Map. Eng. Sum. 1972

075215 443.8 C16
Segregation of hermaphrodites in swine litters. Sittmann, K *Can J Genet Cytol* 15 (1): 229-232. Mar 1973

075216 100 C71G (1)
Heritability of semen traits in beef bulls. Brinks, J S *Colo Agr Exp Sta Gen Ser* 931: 18-20. May 1973

075217 100 C71G (1)
Improve reproduction – wean more pounds of calf. Spitzer, J C *Colo Agr Exp Sta Gen Ser* 931: 20-22. May 1973

075218 100 C71G (1)
Induced calving – a labor saving tool. Jones, D L *Colo Agr Exp Sta Gen Ser* 931: 23-24. May 1973

075219 100 C71G (1)
Predicting dystocia in first-calf heifers. Price, T *Colo Agr Exp Sta Gen Ser* 931: 25-28. May 1973

075220 100 C71G (1)
Breed range-raised ewe lambs. Swanson, V B *Colo Agr Exp Sta Gen Ser* 931: 32-33. May 1973

075221 100 C71G (1)
High altitude reproduction. [Turkeys]. Moreng, R E *Colo Agr Exp Sta Gen Ser* 931: 37-38. May 1973

075222 100 C71G (1)
Does amount of hybrid vigor depend upon level of environment? [Beef cattle]. Keller, D G *Colo Agr Exp Sta Gen Ser* 931: 9-10. May 1973

075223 412.628 D23
Mating of & pregnancy in Arctic fox. (Dan) Madsen, H K *Dansk Pelsdyravl* 36 (3): 136. Mar 20, 1973

075224 412.628 D48
Practical research on testicle faults in male minks. (Ger) Olausson, A *Deut Pelztierzuchter* 47 (3): 44-47. Mar 1, 1973

075225 41.8 D482
Experiments on course & control of sexual development of female pigs. II. effect of a steroid – induced development of genital tract on effect of gonadotropic stimulation in infantile female (Ger) Ostermann, L *Deut Tierarztl Wochensch* 80 (10): 228-231. Eng. Sum. May 15, 1973

075226 41.8 D482
Experiments on course & control of sexual development of female pigs. I. age threshold for ovarian reaction to gonadotropic stimulation. (Ger) Ostermann, L *Deut Tierarztl Wochensch* 80 (9): 197-202. Eng. Sum. May 1, 1973

075227 41.8 EC7
Pollution & genetic derivative. [Animals]. (Fre) Queinnec, G *Econ Med Anim* 13 (6): 361-373. Nov/Dec 1972

075228 45.9 SV2
Breeds of sheep. (Swe) Philipson, D *Farskotsel* 53 (4): 17-18. Apr 1973

075229 47.8 T432
Breeding program for laying hens. (Nor) Kolstad, N *Fjorfe* 90 (3): 67-68. Mar 1973

075230 47.8 T432
Trials for line breeding in laying hens. (Nor) Kolstad, N *Fjorfe* 90 (3): 69-70. Mar 1973

075231 19 F75
Problems of cattle breeding policy in Austria. (Ger) Ebenbauer, F *Forderungsdienst* 20 (10): 347-349. Oct 1972

075232 19 F75
Organization of artificial insemination & technical & economical significance of insemination success. [Livestock]. (Ger) Muller, E *Forderungsdienst* 21 (1): 19-21. Jan 1973

075233 47.8 G43
Hybrid rabbit Hyla of Euribrid. (Ita) Boisbaudry, G D *G Allevatori* 23 (1): 102-104. Jan 1973

075234 47.8 G43
Selection of rabbit Studler. (Ita) *G Allevatori* 23 (1): 105-107. Jan 1973

075235 47.8 G43
Selection of female line of rabbits for meat production. (Ita) Vrillon, M *G Allevatori* 23 (1): 94-96. Jan 1973

075236 450 G282
Research into distribution of transferrin genes in cattle. Zurkowski, M *Genet Polon* 13 (4): 137-143. 1972 (Pub. 1973)

075237 QH431.A1G4
Estimation of genetic similarity index between populations by frequencies of genes controlling polymorphous characters. [Cattle]. (Rus) Zhivotovskii, L A *Genetika* 9 (4): 126-131. Ref. Eng. Sum. Apr 1973

075238 QH431.A1G4
Polymorphism of blood serum transferrines of Altai Black Variegated & Red Plain cattle. (Rus) Mkrtchyan, S A *Genetika* 9 (4): 150-151. Eng. Sum. Apr 1973

075239 S19.G5
Sychronization of estrus & early postpartum rebreeding of Nungua Blackhead sheep in Ghana. Brown, D E *Ghana J Agr Sci* 5 (3): 183-187. Ref. Dec 1972

075240 S15.G5
Dairy cattle hybrid is ' good one'. (Por) Matta, H *Gleba* 19 (207): 3. Jan 1973

075241 43.8 G69
Help buffaloes breed throughout year. Nangia, O P *Gosamvardhana* 20 (6/7: 3-6. Sept/Oct 1972

075242 389.78 G98
What gentic advance can laying hen breeders expect in course of next ten years on breeding basis? (Ger) Tschiderer, K *Gute Rat Futterungsfragen* 12 (1): 7-8. Mar 1973

075243 SF95.H3
Reproduction in male & female domestic animals. (Ger) Claus, R *Handb Tierernahr* 2: 55-102. Ref. 1972

075244 44.8 H65
What to expect when you use heat detection aids. [Cattle]. Marcoot, R E *Hoards Dairyman* 118 (9): 611, 644. May 10, 1973

075245 44.8 L12
Crossing with beef cattle for milk production. (Swe) Andersson, J *Husdjur* 2: 6-7, 10. Feb 9, 1973

075246 442.8 IN83
Effect of ribonuclease fractions isolated from bull seminal vesicle fluid on embryonic mortality in guinea pigs, rabbits & pigs. Matousek, J *Int J Fertil* 18 (1): 13-16. 1973

075247 20 M57AG
International controland test station for comparison of poultry performance. [Czechoslovakia]. (Ger) Grom, A *Int Z Landwirt* 6: 687-690. 1972

075248 41.8 IR4
Pilot trial with pig 'Semen delivery service' in Ireland. O'Reilly, P J *Irish Vet J* 27 (5): 91-96. Ref. May 1973

075249 16 IT1
Immuno-reproduction in livestock. (Ita) Bonadonna, T *Ital Agr* 109 (12): 1387-1396. Dec 1972

075250 447.8 J826
Ultrastructural changes in intercotyledonary placenta of goat during early pregnancy. Dent, J *J Anat* 114 (2): 245-259. Ref. Feb 1973

075251 49 J82
Genetic factors & hormonal stimulation affecting weight & fertility of ewe lambs. West, D E *J Anim Sci* 36 (5): 828-831. Ref. May 1973

075252 49 J82
Genetic parameters among production carcass composition & carcass quality traits of beef cattle. Dinkel, C A *J Anim Sci* 36 (5): 832-846. Ref. May 1973

075253 49 J82
Reproduction in Targhee & Finnish Landrace X Targhee ewes. Meyer, H H *J Anim Sci* 36 (5): 847-853. Ref. May 1973

075254 49 J82
Estimating heritability of Hereford cow weights. Benyshek, L L *J Anim Sci* 36 (5): 854-861. Ref. May 1973

075255 49 J82
Synchronization of estrus & ovulation in superovulated gilts. Christenson, R K *J Anim Sci* 36 (5): 914-918. Ref. May 1973

075256 44.8 J822
Lactation records adjusted for days open in sire evaluation. [Cows]. Schaeffer, L R *J Dairy Sci* 56 (5): 602-667. Ref. May 1973

075257 44.8 J822
Postpartum estrus as an indicator of reproductive status in dairy cow. Thatcher, W W *J Dairy Sci* 56 (5): 608-610. Ref. May 1973

075258 448.8 J8293
Plasma oestradiol, luteinizing hormone & progesterone during oestrous cycle in Beagle bitch. Jones, G E *J Endocrinol* 57 (2): 331-332. May 1973

075259 410 J825
Site of gene action in steel mice: analysis of pigment defect by mesoderm-ectoderm recombinations. Mayer, T C *J Exp Zool* 184 (3): 345-352. Ref. June 1973

075260 442.8 J8222
Influence of season of lambing on Postpartum intervals to ovulation & oestrus in lactating & dry ewes at different nutritional levels. Hunter, G L *J Reprod Fertil* 32 (1): 1-8. Ref. Jan 1973

075261 442.8 J8222
Effect of centrifugation & repeated washing on fertilizing capacity of fowl spermatozoa. Sexton, T J *J Reprod Fertil* 32 (1): 101-104. Ref. Jan 1973

075262 442.8 J8222
Distribution of frozen-thawed spermatozoa in reproductive tract of gilts at different time intervals after insemination. [Swine]. Einarsson, S *J Reprod Fertil* 32 (1): 117-120. Ref. Jan 1973

075263 442.8 J8222
Induction of embryonic death in sheep by intrauterine injection of a small volume of normal saline. Bryden, M M *J Reprod Fertil* 32 (1): 133-135. Jan 1973

075264 442.8 J8222
Relationships between fetal weight, placental weight & maternal placental circulation in rabbit at different stages of gestation. Bruce, N W *J Reprod Fertil* 32 (1): 15-24. Ref. Jan 1973

075265 442.8 J8222
Reactivation of feulgen reaction of ram spermatozoa by dithiothreitol. Esnault, C *J Reprod Fertil* 32 (1): 153-157. Ref. Jan 1973

075266 442.8 J8222
Effect of feed level during oestrous cycle on ovulation, embryo survival & anterior pituitary LH [luteinizing hormone] potency in gilt. [Swine]. Cooper, K J *J Reprod Fertil* 32 (1): 71-78. Ref. Jan 1973

075267 442.8 J8222
Carbohydrates of buffalo & goat semen. Anand, S R *J Reprod Fertil* 32 (1): 97-100. Ref. Jan 1973

075268 442.8 J8222
Plasma membrane of ram, boar & bull spermatozoa. Jones, R C *J Reprod Fertil* 33 (1): 179-183. Ref. Apr 1973

075269 442.8 J8222
Changes in composition of sheep fetal fluids during early pregnancy. Wales, R G *J Reprod Fertil* 33 (2): 197-205. Ref. May 1973

075270 442.8 J8222
Circulating oestrogens & progesterone in bovine after synchronization with melegestrol acetate. Dobson, H *J Reprod Fertil* 33 (2): 231-237. Ref. May 1973

075271 442.8 J8222
A chemical procedure for extraction of acrosomes of mammalian spermatozoa. [Rabbit, bulls]. Bernstein, M H *J Reprod Fertil* 33 (2): 239-244. Ref. May 1973

075272 442.8 J8222
Effects of section of utero-ovarian vascular connections on duration of pseudopregnancy in rat. O'shea, J D *J Reprod Fertil* 33 (2): 245-253. Ref. May 1973

075273 442.8 J8222
Effects of anit-mitotic agents on polarbody formation & first cleavage of hamster ova. Bray, M A *J Reprod Fertil* 33 (2): 255-261. Ref. May 1973

075274 442.8 J8222
Isolation & some chemical properties of aspermatogenic substance from bull seminal vesicle fluid. Dostal, J *J Reprod Fertil* 33 (2): 263-274. Ref. May 1973

075275 442.8 J8222
Ovulation, fertility & prenatal mortality in heifers treated with PMSG [pregnant mare's serum gonadotrophin] or porcine FSH. [Follicle stimulating hormone]. Laster, D B *J Reprod Fertil* 33 (2): 275-282. Ref. May 1973

075276 442.8 J8222
Studies on fertility of DDK mice: reciprocal crosses between DDK & C57BL/6J strains & experimental transplantation of ovary. Wakasugi, N *J Reprod Fertil* 33 (2): 283-291. Ref. May 1973

075277 442.8 J8222
Effects of lactation, suckling & oxytocin on post-partum ovulation & oestrus in ewes. Fletcher, I C *J Reprod Fertil* 33 (2): 293-298. Ref May 1973

075278 442.8 J8222
Comparison of induced preovulatory LH [luteinizing hormone] discharge in lactating & dry sheep during seasonal anoestrus. Pelletier, J *J Reprod Fertil* 33 (2): 310-313. Ref. May 1973

075279 442.8 J8222
Embryonic mortality in post-parturient domestic rabbit. Foxcroft, G R *J Reprod Fertil* 33 (2): 315-318. May 1973

075280 442.8 J8222
A technique for collecting epididymal spermatozoa & fluids from boar virtually free from accessory sex gland secretions. Bower, R E *J Reprod Fertil* 33 (2): 319-322. Ref. May 1973

075281 442.8 J8222
Removal of acrosomes of ram & rabbit spermatozoa. Srivastava, P N *J Reprod Fertil* 33 (2): 323-326. May 1973

075282 442.8 J8222
Sperm penetration of pig eggs in utero. Baker, R D *J Reprod Fertil* 33 (2): 347-350. Ref. May 1973

075283 47.8 N57
Effect of discrepancy between assumed & actual values of full-sib resemblance on relative accuracy of combined selection. [Poultry breeding]. (Jap) Abe, T *Jap Poultry Sci* 10 (2): 86-89. Eng. Sum. Mar 1973

075284 49.9 K85W
Results of boar evaluation on basis of progeny testing stations of Institute of Zootechnics in 1971. (Pol) Duniec, H *Krakow Inst Zootech Wydawnictwa Wlasne* 17 (273), 156 P. Eng. Sum. 1972

075285 49.9 K85W
Ram evaluation results on basis of their own utility & that of progeny in 1970. (Pol) Nawara, W *Krakow Inst Zootech Wydawnictwa Wlasne* 8 (269), 169 P. Ref. Eng. Sum. 1972

075286 11 L2322
Pure breeding & cross breeding in swine production. (Dan) Jensen, P *Landbonyt* 27 (4): 215-221. Apr 1973

075287 SF1.L32
Effect of age on productivity of Chinese geese. [Fertility]. Olver, M D *Landbouwet S-Afr Agric Sci S Afr Agroanim* 4 (2): 47-51. Ref. 1972

075288 SF1.L32
Effect of certain exogenous hormones on induction of parturition & post-partum anoestrus, & influence of shortened gestation on certain pelt characteristics in Karakul sheep. Van Wyk, L C *Landbouwet S-Afr Agric Sci S Afr Agroanim* 4 (3): 73-76. 1972

075289 9.2 L39
IBAJE cattle formed from 5/8 Angus-3/8 Zebu. (Por) Chagas M, E C *Lavoura* 76 (1): 31-32. Jan/Feb 1973

075290 S560.M32
State Horse Breeding Farm & Agricultural Institute at Ypaja. (Fin) Aalto, O *Maataloushallinnon Aikak* 1: 12-16. Eng. Sum. 1973

075291 49.9 M45
Sex specific behavior of seminal cells after treatment of ejaculates with chemical substances & effects on sex conditions of rabbits & swine. (Ger) Petac, D *Max-planck-inst Tierzucht Tierernahr Schriftenreihe* 50, 73 P. Ref. 1972

075292 41.8 M463
Practical observations on usefulness of diethylstilboestrol in reproduction of cows & heifers. (Pol) Kotowski, K *Med Wet* 29 (3): 177-180. Ref. Mar 1973

075293 41.8 M463
Normal parturition in a case of leukaemia of genital organ of a cow. (Pol) Stanczyk, J F *Med Wet* 29 (3): 180-181. Mar 1973

075294 SF221.M5
Possibilities to improve fertility of dairy cattle. (Ger) Kordts, E *Milch Praxis* 11 (1): 3-5. Feb 1973

075295 18 N39
Useful crosses in swine too? (Ger) Kalm, E *Mitt Deut Landwirt-ges* 88 (18): 522-524. May 3, 1973

075296 18 N39
On breeding German Simmental cattle. (Ger) Krausslich, H *Mitt Deut Landwirt-ges* 88 (21): 596-598. May 24, 1973

075297 22.5 M6932B
Studies on Misaki horse. I. History of horse-breeding in Hyuga & of Misaki range. (Jap) Kuroki, M *Miyazaki Univ Fac Agr Bull* 19 (2): 449-468. Ref. Eng. Sum. Dec 1972

075298 22.5 M6932B
Effect of various reagents on morphology of spermatozoa in domestic animals. I. Observation on boar spermatozoa. (Jap) Okauchi, K *Miyazaki Univ Fac Agr Bull* 19 (2): 487-492. Ref. Eng. Sum. Dec 1972

075299 41.8 M742
Use of iodine test to select minks for breeding. (Ger) Zander, H *Monatsh Veterinarmed* 28 (9): 344-346. Ref. Eng. Sum. May 1, 1973

075300 47.9 N472
Forced moulting reviewed. [Laying hens]. McMahon, P J *N S W Dep Agr Poult Notes* P. 10-11. Apr 1973

075301 410 N216
Seasonal variations in sexual activity of ram. (Fre) Lemay, J P *Natur Can* 100 (1): 19-24. Ref. Eng. Sum. Jan/Feb 1973

075302 412.628 N812
Can mating chores be shifted? [Mink]. (Nor) Moller, O M *Norsk Pelsdyrbl* 47 (6): 191. Mar 20, 1973

075303 S11.N93
A new method of deep freezing bull semen: Landshut method. (Dan) Andersen, J B *Nye Dan Landbrug* 4 (4/5): 4-5, 7. Apr/May 1973

075304 100 OR3M
Breeding-management relationships in sheep production. Hohenboken, W D *Oreg Agr Exp Sta Spec Rep* 382: 14-25. May 1973

075305 100 OR3M
Fall versus spring calving. McArthur, J A B *Oreg Agr Exp Sta Spec Rep* 384: 30-34. May 1973

075306 100 OR3M
Short breeding season for cow-calf production in northeastern Oregon. McArthur, J A B *Oreg Agr Exp Sta Spec Rep* 384: 39-41. May 1973

075307 100 OR3M
Performance of steers & induced cryptorchids. Vavra, M *Oreg Agr Exp Sta Spec Rep* 384: 55-57. Ref. May 1973

075308 45.8 OV4
Genetic basis for selection & general considerations on selection of sheep. (Spa) Echavarren, A *Ovina* 35 (412): 10-11. Dec 1972

075309 41.8 P76
An attempt to test fecundation ability of bull semen on specific resistance of ejaculate measured by four-electrode method. (Pol) Jaczewski, S *Pol Arch Weter* 15 (4): 689-711. Ref. Eng. Sum. 1972

075310 41.8 P76
Fecundity of cows in light of cytogenetic research. (Pol) Rauluszkiewicz, S *Pol Arch Weter* 15 (4): 713-718. Ref. Eng. Sum. 1972

075311 19.5 P752
A contribution ot study of effect of selection of heifers & first calf cows on results of estimate of pedigree quality of bull. (Slo) Kliemnt, J *Pol'nohospodarstvo* 18 (12): 1084-1092. Eng. Sum. 1972

075312 19.5 P752
A study on establishment of a beef cattle herd improved by breeding. (Slo) Beller, I *Pol'nohospodarstvo* 19 (1): 45-52. Eng. Sum. 1973

075313 20.5 P84
Present trends in Black-and-White cattle breeding in capitalistic countries. (Pol) Stolzman, M *Postepy Nauk Roln* 19 (6): 161-170. Nov/Dec 1972

075314 20.5 P84
Black-and-White Lowland cattle breeding in Poland. (Pol) Kaczmarek, A *Postepy Nauk Roln* 20/25 (1): 109-130. Ref. 1972

075315 47.8 AM33P
A feather mutation in domestic fowl. Fiser, P S *Poultry Sci* 52 (1): 121-126. Jan 1973

075316 47.8 AM33P
Sex-linked reduction of body size in Golden Sebright Bantams. [Chickens]. Custodio, R W S *Poultry Sci* 52 (1): 204-210. Ref. Jan 1973

075317 47.8 AM33P
Effect of egg weight on eight-week body weight of normal & dwarf progeny from dwarf dams. [Chickens]. Khan, A G *Poultry Sci* 52 (1): 211-218. Ref. Jan 1973

075318 47.8 AM33P
Studies on reproductive performance & progeny performance of caged White Leghorns fed malathion & carbaryl. Lillie, R J *Poultry Sci* 52 (1): 266-272. Ref. Jan 1973

075319 47.8 AM33P
Heritabilities & correlations of body weight & dressing percentage in broilers. Goodman, B L *Poultry Sci* 52 (1): 379-380. Jan 1973

075320 47.8 AM33P
Comb-type trends in a selected population. [Chickens]. Goodman, B L *Poultry Sci* 52 (1): 381-382. Jan 1973

075321 47.8 AM33P
Effect of age at lighting on costs & revenues in production of hatching eggs in large White Turkeys. Sexten, W E *Poultry Sci* 52 (2): 512-516. Mar 1973

075322 47.8 AM33P
Effect of age at lighting on reproduction in turkey hen. Sexten, W E *Poultry Sci* 52 (2): 516-520. Mar 1973

075323 47.8 AM33P
Avian riboflavinuria. 8. fate of riboflavin-binding protein-riboflavin complex during incubation of hen's eggs. Hammer, C H *Poultry Sci* 52 (2): 520-530. Ref. Mar 1973

075324 47.8 AM33P
Shape index versus hatchability of fertile eggs of Japanese quail (Coturnix coturnix japonica). MacLaury, D W *Poultry Sci* 52 (2): 558-562. Mar 1973

075325 47.8 AM33P
Dietary calcium DDT source & age of hen on reproductive performance of caged White Leghorns fed DDT. Lillie, R J *Poultry Sci* 52 (2): 636-644. Mar 1973

075326 47.8 AM33P
Objective measurement of sperm motility. [Poultry]. Wall, K A *Poultry Sci* 52 (2): 657-660. Mar 1973

075327 SF1.P7
Analysis of proteins of boar vasicular secretion. I. Electrophoresis, dialysis & properties of protein fractions. (Cze) Sedlakova, E *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 1: 115-127. Ref. Eng. Sum. 1973

075328 SF1.P7
Phenotypic selection in pig breeding due to culling. (Cze) Pavlik, J *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 1: 145-160. Ref. Eng. Sum. 1972

075329 SF1.P7
Application of gas-chromatography in study of interbreeding differences in milk fat composition [Cows, Czech Red Pied, Danish Red]. (Cze) Kratochvil, L *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 1: 183-201. Ref. Eng. Sum. 1972

075330 SF1.P7
Distribution of lactic dehydrogenase activity & isoenzymes in spermatozoa, tissues & fluids of genital tract of bulls & boars. (Cze) Valenta, M *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 1: 227-246. Ref. Eng. Sum. 1972

075331 SF1.P7
Simple & multiple correlations of relationship between meat production & body measurements of dairy cows. [Czech Red Pied]. (Cze) Hladky, J *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 1: 65-78. Ref. Eng. Sum. 1972

075332 SF1.P7
A contribution to study of fertility of cows of Red Danish Breed. (Cze) Trojan, V *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 1: 79-101. Ref. Eng. Sum. 1972

075333 SF1.P7
Detailed carcass analysis of Czech Large White, Landrace & Large Black pigs. (Cze) Hovorka, F *Prague Vys Sk Zemed Fak Agron Sb Rada B Zivocisna Vyroba* 2: 117-139. Ref. Eng. Sum. 1972

075334 49 P952
Selecting cattle for an increased protein content in milk. (Pol) Sawicka, J *Przegl Hodowlany* 41 (20): 1-2. Oct 16/31, 1972

075335 S17.M3
Effect of age at first calving on performance of Sindhi cows. Shingte, N G *Res J Mahatma Phule Agric Univ* 3 (1): 1-5. Ref. Jan 1972

075336 41.8 R312
Studies on vaginal cytology during canine oestrous cycle. Bell, E T *Res Vet Sci* 14 (2): 173-179. Ref. Mar 1973

075337 41.8 R312
Effects of adrenal corticosteroids on motility of uterus in vitro. Henry, A M *Res Vet Sci* 14 (2): 263-265. Mar 1973

075338 41.8 R312
Impermeability of sheep placenta towards endogenous prolactin. Alexander, D P *Res Vet Sci* 14 (2): 271-272. Mar 1973

075339 43.8 R32
Artificial insemination & zootechnical tes*s. (Por) Soares Veiga, J *Rev Criadores* 43 (517): 48-55. Jan 1973

075340 SF15.M6R49
Some modern factors in breeding of beef cattle. [Animal breeding]. (Spa) Baca, R De *Rev Mex Prod Anim* 4 (1): 7-12. Eng. Sum. July 1972

075341 49 P943
Effect of age at first calving on some parameters of productivity of Romanian Simmental cows. (Rum) Lungulescu, G *Rev Zootech Med Vet* 23 (1): 10-16. Jan 1973

075342 S19.A42
An analysis of data on Sokoto Gudali cattle at Bulassa & Dogondaji, North Western State, Nigeria. Wheat, J D *Samaru Misc Pap Inst Agric Res Ahmadu Bello Univ* 39, 11 P. 1972

075343 S19.A42
An analysis of data on Azaouak & Rahaji cattle at Gumel , Kano State, Nigeria. Wheat, J D *Samaru Misc Pap Inst Agric Res Ahmadu Bello Univ* 40, 14 P. 1972

075344 S19.A42
Bunaji cattle at Shika Research Station North Central State, Nigeria. Wheat, J D *Samaru Misc Pap Inst Agric Res Ahmadu Bello Univ* 41, 12 P. 1972

075345 41.8 SCH9
Investigations on genes with visible effects in cattle. (Fre) Winzenried, H U *Schweiz Arch Tierheilk* 115 (2): 95-105. Eng. Sum. Feb 1973

075346 21 SE492
About techmological parameters of newly organized pig-breeding complexes. (Bul) Vasilev, T *Selskostop Nauk* 12 (1): 29-39. Eng. Sum. 1973

075347 S13.S55
Age features of spermatozoa production of breeder bulls. (Rus) Denisov, N A *Sib Vestn S-kh Nauk* 1: 101-103. Ref. Jan/-Feb 1973

075348 S13.S55
Modern methods of genetic research in animal industry & plant industry. (Rus) Beliaev, D K *Sib Vestn S-kh Nauk* 1: 14-18. Jan/Feb 1973

075349 442.9 SO1
Progesterone, LH [Luteinizing hormone] estrus & ovulation & prostaglandin F2alpha in heifers. Louis, T M *Soc Exp Biol Med Proc* 143 (1): 152-155. Ref. May 1973

075350 442.9 SO1
Bovine serum LH, GH, [Luteinizing hormone, growth hormone] & prolactin during late pregnancy, parturition & early lactation. Ingalls, W G *Soc Exp Biol Med Proc* 143 (1): 161-164. Ref. May 1973

075351 QH431.A1G43
Influence of inbreeding on quality of chicken eggs. Moiseeva, I G *Sov Genet* 6 (6): 776-783. Ref. June 1970 Transl Mar 1, 1973

075352 QH431.A1G43
Heredity & variability of milk production, milk & blood serum proteins, & hemoglobin types in Holstein cows, Zebus, & their first-generation hybrids in North Vietnam. Nhan, P K *Sov Genet* 6 (6): 784-791. Ref. June 1970 Transl Mar 1, 1973

075353 QH431.A1G43
Heritability of economically valuable characters in Ukrainian steppe spotted sows. Kryatov, O V *Sov Genet* 6 (8): 1050-1053. Transl. Apr 1973

075354 QH431.A1G43
Mutagenic effect of different types of radiation of spermatogonia communication. V. Mutagenic effectiveness of single & fractionated exposures of mouse spermatogonia to fast neutrons. Domshlak, M G *Sov Genet* 6 (8): 1054-1059. Ref. Transl. Apr 1973

075355 19.5 ST2
Insemination of sows in Hodonin. (Cze) Marada, J *Statni Statky* 16 (2): 35. 1973

075356 46.9 SV2
Crossbreeding: slaughter swine. (Swe) Skarman, S *Svinskotsel* 63 (4): 6-9. Apr 13, 1973

075357 23 T182T
Wintering strategy for spring calving beef cows. Sharp, J D *Tasmania J Agric* 44 (1): 46-48. Feb 1973

075358 41.8 T445
Cynology for veterinarians. C. Genetics II. [Dogs]. (Ger) Wegner, W *Tierarztl Umsch* 28 (6): 298, 300-304. Ref. June 1, 1973

075359 49 T443
Results & experience gained at first Central Bull-Rearing Station of MeissenKorbitz nationally-owned livestock farm. (Ger) Mudra, K *Tierzucht* 2((2): 67-70. Feb 1973

075360 49 T443
Experience & results in implementing hybrid pig breeding program in county of Halle with special reference to organization of reproduction. (Ger) Dorner, E *Tierzucht* 27 (1): 10-11. Jan 1973

075361 49 T443
Experience gained in 1972 & further tasks for 1973 in development of an industry-like pig breeding organization in county of Leipzig. (Ger) Baumung, A *Tierzucht* 27 (1): 12-14. Jan 1973

075362 49 T443
Experience gained in developing an industry-like cattle breeding organization. (Ger) Potke, D *Tierzucht* 27 (1): 29-32. Jan 1973

075363 49 T443
Forthcoming tasks of artificial insemination in sheep. (Ger) Herold, R *Tierzucht* 27 (1): 39-40. Jan 1973

075364 49 T443
Studies on oestrus detection & course of estrus & their relationships with sow fertility. (Ger) Schlegel, W *Tierzucht* 27 (1): 7-9. Jan 1973

075365 49 T443
Breeding-value estimation under aspect of industry-like milk production. [Cattle]. (Ger) Ross, K *Tierzucht* 27 (2): 54-57. Feb 1973

075366 49 T443
Breeding work with dairy cattle from gene bank stocks. (Ger) Seeland, G *Tierzucht* 27 (2): 58-61. Feb 1973

075367 49 T443
Present level & results of milk protein recording, basis for improving milk protein production of breeding measures. [Cattle]. (Ger) Zelfel, S *Tierzucht* 27 (2): 62-65. Feb 1973

075368 49 T443
High milk production by fully utilizing advantages of artificial insemination in cattle breeding. (Ger) Mudra, K *Tierzucht* 27 (2): 65-67. Feb 1973

075369 49 T443
1972 Emulation of breeding centres resulting in peak performances. [Cattle]. (Ger) Brauer, H *Tierzucht* 27 (4): 149. Apr 1973

075370 49 T443
Testing genotype of beef cattle x DSR hybrids for their fattening & carcass performance: Results. (Ger) Kempe, W *Tierzucht* 27 (4): 150-152. Apr 1973

075371 49 T443
Raising conception rates by biomagnetic treatment of bovine semen. I. (Ger) Knaack, J *Tierzucht* 27 (4): 153-155. Apr 1973

075372 49 T443
Recent experimental findings on how to influence tthe sex of offspring in cattle. (Ger) Knaack, J *Tierzucht* 27 (4): 156-159. Apr 1973

075373 49 T443
Centralized bull rearing giving better guarantees for breeding-hygienic judgment of bulls & their use in artificial insemination. (Ger) Haase, *Tierzucht* 27 (4): 159-161. Apr 1973

075374 49 T443
Results of own-performance testing of Charolais & German Black-Pied young bulls. (Ger) Tilsch, K *Tierzucht* 27 (4): 164-167. Apr 1973

075375 49 T443
Experience & advice on practical application of artificial insemination in sheep at Dummerstorf Instructional & Experimental Farm. (Ger) Buchholz, F *Tierzucht* 27 (4): 179-180. Apr 1973

075376 49 T443
Tasks & situation in re-breeding Merino land sheep population for production of semi-fine wool. (Ger) Heurich, H *Tierzucht* 27 (4): 181-183. Apr 1973

075377 49 T443
Some problems in breeding in Hungarian People's Republic. (Ger) Gal, J *Tierzucht* 27 (5): 199-200. May 1973

075378 49 T443
Effectiveness of breed crosses with regard to reproductive properties of pig in multiplication centres & farms supplying weaners for fattening. (Ger) Gregor, G *Tierzucht* 27 (5): 212-214. May 1973

075379 49 T445
Performance capability of HYPOR swine in comparison to Landrace. (Ger) Glodek, P *Tierzuchter* 25 (3): 102, 104-105. Mar 5, 1973

075380 49 T445
Cattle breeding program present topic: Bavarian breeding area. (Ger) Averdunk, G *Tierzuchter* 25 (3): 90-95. Mar 5, 1973

075381 49 T445
Prevailing results of stocks of Charolais bulls in customary crossing in German Federal Republic. (Ger) Ernst, E *Tierzuchter* 25 (4): 147-148. Apr 5, 1973

075382 41.8 T431
Relationship between phenylalanine-alpha-ketoglutarate transaminase, blucuronic acid & carbohydrate metabolism in boar semen with regard to fertilizing capacity of semen. Horst, C J G van der *Tijdschr Diergeneesk* 98 (8): 408-416. Ref. Apr 15, 1973

075383 11 T58
Health & disease problems of cows in calf & calving. (Dan) Rasebech, N O *Tolvmandsbladet* 45 (2): 59-66. Feb 1973

075384 1 AG84M
Central swine-testing & purebred-improvement programs in United States. Bereskin, B *U S D A Misc Publ* 1265, 18 P. Mar 1973

075385 S542.R6U5
Phenotypic evaluation on the farm – a rapid and effective method for the determination of the general zootechnical value of young bulls. (Rum) Camalesa, N *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 405-412. 1971 (Pub. 1972)

075386 20 V633
Complex utilization of polyvalent sera & electrophoretic tests. [Livestock, breeding]. (Rus) Eidrigevich, E V *Vestn Sel'skokhoz Nauk (moscow)* 10: 133-135. Eng. Sum. Oct 1972

075387 20 V633
Deep freezing of semem of rams of Askaniia breed. (Rus) Besulin, V I *Vestn Sel'skokhoz Nauk (moscow)* 10: 86-89. Ref. Eng. Sum. Oct 1972

075388 41.8 V6456
Animal husbandry. [Reproduction]. Ewer, T K *Vet Annu* 13Th: 234-266. Ref. 1972 (Pub. 1973)

075389 41.8 V6456
Physiology & pathology of reproduction. [Livestock]. Dawson, F L M *Vet Annu* 13Th: 283-298. 1972 (Pub. 1973)

075390 41.8 V6456
Boar taint. Patterson, R L S *Vet Annu* 13Th: 37-41. Ref. 1972 (Pub. 1973)

075391 41.8 V6468
Possibilities of a second impregnation of ewes after winter lambing. (Bul) Prakhov, R *Vet Med Nauk* 10 (2): 23-28. Ref. Eng. Sum. 1973

075392 41.8 V6468
Investigations into content of inorganic, esterous, lipidic, residual & total phosphorus in semen plasma of boars when semen is obtained in fractions. (Bul) Tsekova, E *Vet Med Nauk* 10 (2): 69-73. Ref. Eng. Sum. 1973

075393 41.8 M69
Preparation of teaser bulls, rams & boars by penis & prepuce deviation. Jochle, W *Vet Med/small Anim Clin* 68 (4): 395-400. Ref. Apr 1973

075394 41.8 V641
Antibodies to egg-yolk semen diluent & boivne infertility: a preliminary report. Griffin, J F T *Vet Rec* 92 (18): 481-482. May 5, 1973

075395 41.8 V641
British veterinarian & modern sheep reproduction. Fraser, A F *Vet Rec* 92 (22): 585-588. June 2, 1973

075396 41.8 V6463
Sterility in cows & insemination after calving. (Bul) Neshev, N *Vet Sbirka* 69 (8): 38-41. 1972

075397 41.8 V6426
Manifestation of estrus in sheep. (Rus) Shipilov, V S *Veterinariia* 10: 41-44. Oct 1972

075398 41.8 V6426
Factors affecting reporoductive function in cows. (Rus) Nezhdanov, A G *Veterinariia* 10: 45-48. Oct 1972

075399 41.8 V6439
Influence of ecological conditions on cows during pregnancy & breeding period in agricultural farms. (Cze) Brokes, Z *Veterinarstvi* 23 (4): 153-155. 1973

075400 41.8 V6439
Function changes in sows & their fetuses in last third of gestation period. (Cze) Jezkova, D *Veterinarstvi* 23 (4): 156-159. Ref. 1973

075401 41.9 V83
Judging progeny of breeder bulls of Vitebsk State Breeding Farms on farms of Liozno District. (Rus) Nazarova, G A *Vitebsk Vet Inst Uch Zap* 25: 162-167. 1972

075402 41.9 V83
Factors affecting milk productivity & effectiveness of cow breeding at Ust'e Experimental Farm. (Rus) Gur'ianova, A S *Vitebsk Vet Inst Uch Zap* 25: 167-173. 1972

075403 41.9 V83
On further improvement of Latvian Darkheaded sheep by length & fineness of wool. (Rus) Mikhailov, B P *Vitebsk Vet Inst Uch Zap* 25: 177-182. 1972

075404 41.9 V83
On effect of Hyphotocin on reduced activity of swine uterus. (Rus) Voskoboinikov, V M *Vitebsk Vet Inst Uch Zap* 25: 63-68. 1972

075405 20 AK1
Effectiveness of large-scale raising of young crossbred & Simmental cattle. [Meat production]. (Rus) Kilimar, S E *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 10: 22-23. Oct 1972

075406 20 AK1
Variability & heritability of activity of enzymes & their relationship to productivity in cows of various breeds. (Rus) Merkur'eva, E K *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 10: 26-28. Oct 1972

075407 20 AK1
Dynamics of antigenic properties of spermatozoa in genital tracts of females. [Rabbits]. (Rus) Sokolovskaia, I I *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 10: 33-35. Oct 1972

075408 49.9 R92
Analyzing rates of genetic improvement of cattle breeds with use of computer. (Rus) Ernst, L K *Vses Nauch-issled Inst Zhivotn Tr* 34: 111-123. 1972

075409 49.9 R92
Study of genetic markers & their effective utilization in livestock breeding. (Rus) Klabukov, P G *Vses Nauch-issled Inst Zhivotn Tr* 34: 124-135. 1972

075410 49.9 R92
Basic results of studies on improving dairy & dual-purpose breeds. [Cattle]. (Rus) Beguchev, A P *Vses Nauch-issled Inst Zhivotn Tr* 34: 13-32. 1972

075411 49.9 R92
Development of a scientific basis for interbreed crossing & recommendations for most effective comb- (Rus) Grudev, D I *Vses Nauch-issled Inst Zhivotn Tr* 34: 213-220. 1972

075412 49.9 R92
Some hereditary patterns in milk yield, fat content & amount of protein in cow's milk in raising & crossing purebred cattle. (Rus) Beguchev, A P *Vses Nauch-issled Inst Zhivotn Tr* 34: 33-41. 1972

075413 49.9 R92
Zootechnical & economic effectiveness of interbreed (industrial & triple-breed) crosses between Red Steppe cows & bulls of meat breeds. (Rus) Rostovtsev, N F *Vses Nauch-issled Inst Zhivotn Tr* 34: 42-46. 1972

075414 49.9 R92
Establishing purebred herds of meat cattle by absorptive crossing. (Rus) Rostovtsev, N F *Vses Nauch-issled Inst Zhivotn Tr* 34: 47-49. 1972

075415 49.9 R92
Effectiveness of industrial crossing of dairy, dairy-meat & meat breeds of cows with bulls of meat breeds. [Charolais, Simmental, Aberdeen-Angus]. (Rus) Levantin, D L *Vses Nauch-issled Inst Zhivotn Tr* 34: 50-56. 1972

075416 49.9 R92
Developing methods for improving existing & new breeds & lines of swine. (Rus) Aleksandrov, B V *Vses Nauch-issled Inst Zhivotn Tr* 34: 57-67. 1972

075417 49.9 R92
Study of wool productivity of sheep of various breeds & breed groups & development of measures for improving wool quality. (Rus) Kalinin, V V *Vses Nauch-issled Inst Zhivotn Tr* 34: 68-73. 1972

075418 49.9 R92
Problems in improving semi-finewool breeds & breed groups of sheep. (Rus) Builov, S V *Vses Nauch-issled Inst Zhivotn Tr* 34: 74-85. 1972

075419 49.9 R92
Some results of establishing breed & commercial types & groups of Karakul sheep. (Rus) IUdin, V M *Vses Nauch-issled Inst Zhivotn Tr* 34: 86-93. 1972

075420 49.9 R92
Study of mutability & heritability of dairy cattle traits by twin method. (Rus) Ernst, L K *Vses Nauch-issled Inst Zhivotn Tr* 34: 94-110. 1972

075421 49 Z6
Evaluating productivity of cows of Black Pied & Ayrshire breeds. (Rus) Zaksenberg, I M *Zhivotnovodstvo* 2: 51-55. Feb 1973

075422 49 Z6
Top breeding bull of Charolais cattle in non-Chernozem zone. (Rus) Aleksashin, V S *Zhivotnovodstvo* 2: 55-58. Feb 1973

075423 49 Z6
Physiological basis for increasing rate of using sows in breeding. (Rus) Kvasnitskii, A V *Zhivotnovodstvo* 2: 59-61. Feb 1973

075424 49 Z6
Factors in increasing breeding rate for sows. (Rus) Belogub, D K *Zhivotnovodstvo* 2: 62-64. Feb 1973

075425 49 Z6
Comparative evaluation of meat productivity of young cattle of planned breeds in Belorussia. (Rus) Gaiko, A A *Zhivotnovodstvo* 2: 65-67. Feb 1973

075426 49 Z6
Reproductive ability of dairy cattle in relation to indices of protein polyformism of blood. (Rus) Kushner, Kh F *Zhivotnovodstvo* 2: 73-75. Feb 1973

075427 49 Z6
Relationship between transferrin types & reproductive function in livestock. (Rus) Kot, M M *Zhivotnovodstvo* 2: 75-77. Feb 1973

075428 49 Z6
Estrus synchronization in sheep & heifers by a single injection of progestogene. (Rus) Prokof'ev, M I *Zhivotnovodstvo* 2: 77-80. Feb 1973

075429 49 Z6
Methodological premises toward development of a system of measures for improving efficiency of breeding operations. [Livestock]. (Rus) Borisenko, E IA *Zhivotnovodstvo* 2: 82-87. Feb 1973

075430 49 Z6
Theory & practice of obtaining hybrid poultry in Japan. (Rus) Konovalov, V I *Zhivotnovodstvo* 2: 89-94. Feb 1973

075431 49 Z6
Improving meat & fattening qualities of Livny swine [Breeding]. (Rus) Korovetskaia, N N *Zhivotnovodstvo* 3: 60-63. Mar 1973

075432 49 Z6
Improving breed qualities os swine on breeding farms of Belorussia. (Rus) Gil'man, Z D *Zhivotnovodstvo* 3: 64-66. Mar 1973

075433 49 Z6
Establishing purebred herds – work of zootechnician. (Rus) Kostiuchenko, V A *Zhivotnovodstvo* 3: 67-69. Mar 1973

075434 49 Z6
Preliminary evaluation of Black Pied bulls for meat qualities of progeny. (Rus) Bich, A I *Zhivotnovodstvo* 3: 69-70. Mar 1973

075435 49 Z6
On large-scale introduction of achievements of science & technology in herd reproduction operations. [Livestock]. (Rus) Kozlo, N E *Zhivotnovodstvo* 3: 85-86. Mar 1973

075436 49 Z6
Development of productive qualities in crossbred sheep. (Rus) Stakan, G A *Zhivotnovodstvo* 4: 62-66. Apr 1973

075437 49 Z6
Interrelationship between type & productivity of Blackheaded sheep breed. (Rus) Osipov, G N *Zhivotnovodstvo* 4: 66-67. Apr 1973

075438 49 Z6
Results of introducing a two-stage system of judging breeding qualities of Charolais bulls. (Rus) Levantin, D L *Zhivotnovodstvo* 4: 67-71. Apr 1973

075439 49 Z6
Importance of anabiosis & aerobiosis in technology of freezing bull semen. (Rus) Kundyshev, P P *Zhivotnovodstvo* 4: 79-82. Apr 1973

075440 49 Z6
Cryogenic technology in artificial insemination of livestock. (Rus) Kubasov, G M *Zhivotnovodstvo* 4: 83-84. Apr 1973

075441 410 Z712
Effect of trypan blue administration on morphology of genital organs & fertility of white mice. Paulo, E *Zool Pol* 22 (3): 151-169. Ref. 1973

075442 SF105.A1Z8
Studies on deep-freeze conservation of boar semen with Beltsville F3 diluent. (Ger) Hillmann, K H *Zuchthygiene* 8 (1): 15-21. Ref. Eng. Sum. Mar 1973

075443 SF105.A1Z8
Experimental methods & results of ovum transplantation in rabbit. (Ger) Hahn, J *Zuchthygiene* 8 (1): 22-31. Ref. Eng. Sum. Mar 1973

075444 SF105.A1Z8
Androgen content of testis during sexual development in pig. (Ger) Elsaesser, F *Zuchthygiene* 8 (1): 32-36. Ref. Eng. Sum. Mar 1973

075445 SF105.A1Z8
Development of a non-cyclical corpus luteum after choriongonadotropin therapy in cow. (Ger) Grunert, E *Zuchthygiene* 8 (1): 9-14. Eng. Sum. Mar 1973

VETERINARY MEDICINE

075446 41.9 R24
Pasteur & Veterinary Academy. (Fre) Nicol, L *Acad Vet France Bull* 45 (10): 545-565. Dec 1972

075447 SF604.B7
50 Years of Journal published in University School of Veterinary Medicine in Brno (1922 – 1972). (Cze) Dyk, V *Acta Vet (brno)* 41 (3): 323-339. Eng. Sum. 1972

075448 SF601.A47
FDA [Food & Drug Administration] requirements for toxicity testing of veterinary drugs. Robens, J F *Am Coll Vet Toxicol News* 15 (2): 27-34. Ref. May 1973

075449 41.8 AM3A
Vascular anatomy of uterus & ovaries & unilateral luteolytic effect of uterus: a local venoarterial pathway between uterus & ovaries in sheep. [Surgical anastomosis]. Ginther, O J *Amer J Vet Res* 34 (6): 723-728. Ref. June 1973

075450 41.8 AM3A
Prevention of chloroform & thiobarbiturate cardiac sensitization to catecholamines in dogs. Claborn, L D *Amer J Vet Res* 34 (6): 801-804. Ref. June 1973

075451 41.8 AM3
Effect of chemical restraint drugs on passage of barium sulfate through stomach & duodenum of dogs. Zontine, W J *Amer Vet Med Assoc J* 162 (10): 878-884. Ref. May 15, 1973

075452 41.8 AM3
Response of P-Q [permeability quotient] intervals to digitalis glycosides in dog. Gross, D R *Amer Vet Med Assoc J* 162 (10): 888-890. Ref. May 15, 1973

075453 41.8 AM3
Treatment of pannus in dogs by use of a corneal-scleral graft. Kuhns, E L *Amer Vet Med Assoc J* 162 (11): 950-952. June 1973

075454 41.8 AM3
Effects of ketamine when used in conjunction with meperidine or morphine in cats. Hatch, R C *Amer Vet Med Assoc J* 162 (11): 964-966. June 1973

075455 41.8 AM3
Intrathoracic surgery in large animals. Fowler, M E *Amer Vet Med Assoc J* 162 (11): 967-973. Rff. June 1973

075456 41.8 AN52
A report from Small Animals Centre for year 1971/72. [Diseases, United Kingdom]. *Anim Health* 20: 16-22. Apr 1973

075457 41.8 AN52
A report from Equine Research Station for year 1971/72. [Diseases, England]. *Anim Health* 20: 3-16. Apr 1973

075458 SF601.A5
Annual review of neurology. [Veterinary medicine]. Oliver, J E *Anim Hosp* 9 (2): 128-146. Ref. Mar/Apr 1973

075459 SF601.A5
Alimentary canal: a review (1971-1972). [Veterinary medicine]. Ewing, G O *Anim Hosp* 9 (2): 160-166. Ref. Mar/Apr 1973

075460 SF601.A5
Scrotal ablation & castration in dog. Harvey, C E *Anim Hosp* 9 (2): 170-171. Mar-/Apr 1973

075461 SF601.A5
Surgical repair of coxofemoral luxation in dog. DeAngelis, M *Anim Hosp* 9 2): 175-182. Ref. Mar/Apr 1973

075462 41.8 AU72
Anaesthesia in horses. Massey, G M *Aust Vet J* 49 (3): 160-162. Ref. Mar 1973

075463 41.8 B45
A technically simple way of giving data for demonstrating & evaluating vector-electrocardiogram by means of electronic data computer. (Ger) Grauerholz, H *Berliner Munchener Tierarztl Wochenschr* 86 (8): 144-146. Eng. Sum. Apr 15, 1973

075464 41.8 B45
Ileum resection & jejunocaecostomy in horse. (Ger) Huskamp, B *Berliner Munchener Tierarztl Wochenschr* 86 (9): 161-164. Eng. Sum. May 1, 1973

075465 41.8 C483
Basic acid & fluid equilibrium in cattle: A guide for fluid treatment. (Spa) Prasse, K W *Cienc Vet (Mexico)* 17 (4): 285-290. July/Aug 1972

075466 412.628 D23
State of health among mink, 1972. (Dan) Hansen, M *Dansk Pelsdyravl* 36 (2): 73-76. Feb 20, 1973

075467 41.9 D23
Tracing development of veterinary services in Denmark through past 200 years. (Dan) Jepsen, A *Danske Dyrlaegefor Medlemsbl* 56 (6): 245-249. Mar 15, 1973

075468 41.9 D23
Institute for Poultry Diseases. (Dan) Marthedal, H E *Danske Dyrlaegefor Medlemsbl* 56 (6): 250-254. Mar 15, 1973

075469 41.8 D482
Rise & decline of veterinary profession. II. (Ger) Hausmann, W *Deut Tierarztl Wochensch* 80 (10): 231-234. May 15, 1973

075470 41.8 D482
Reply concerning K. Grunberger ' new law for protection of animals'. (Ger) Tegge, G *Deut Tierarztl Wochensch* 80 (10): 234-237. May 15, 1973

075471 41.8 D482
Review: Prostaglandins; somatic substances & possible remedies. (Ger) Hapke, H J *Deut Tierarztl Wochensch* 80 (10): 237-240. May 15, 1973

075472 41.8 D482
New animal protection legislation. (Ger) Grunberger, K *Deut Tierarztl Wochensch* 80 (3): 55-59. Feb 1, 1973

075473 41.8 D482
Rise & decline of veterinary profession: A historical essay. I. (Ger) Hausmann, W *Deut Tierarztl Wochensch* 80 (9): 210-212. May 1, 1973

075474 43.8 F32
Cattle disease guide. Herrick, J B *Feedlot Manage* Special No: 55, 57. Nov 1972

075475 TS1950.F5
Meat technology as seen by veterinary meat technologist. (Ger) Reuter, H *Fleischerei* 24 (4): 31-35. Apr 1973

075476 18 G312V
Swine diseases. (Ger) Schulze, *Ger (fed Repub) LandHauswirtsch Auswertungs Informations Dienst (veroff)* 357, 32 P. 1972

075477 SF991.M95
Lungs. [Dogs, surgery]. (Fre) Vuillard, P *In Murat, Jean E. Precis de Chirurgie Experimentale Abdomin Ale et Thoracique Chez le Chien* P. 257-282. Ref. 1972

075478 SF991.M95
Small intestine. [Dogs, surgery]. (Fre) Delmont, J *In Murat, Jean E. Precis de Chirurgie Experimentale Abdomin Ale et Thoracique Chez le Chien* P. 137-166. Ref. 1972

075479 SF991.M95
Heart. [Dogs, surgery,]. (Fre) Dureau, G *In Murat, Jean E. Precis de Chirurgie Experimentale Abdomin Ale et Thoracique Chez le Chien* P. 229-256. Ref. 1972

075480 SF991.M95
Pancreas. [Dogs, surgery]. (Fre) Murat, J *In Murat, Jean E. Precis de Chirurgie Experimentale Abdomin Ale et Thoracique Chez le Chien* P. 71-91. Ref. 1972

075481 SF991.M95
Liver & biliary tract. [Dogs, surgery]. (Fre) Chapuis, Y *In Murat, Jean E. Precis de Chirurgie Experimentale Abdomin Ale et Thoracique Chez le Chien* P. 93-135. Ref. 1972

075482 SF991.M95
Thoracic duct & mediastinum. [Dogs, surgery]. (Fre) Richelme, H *In Murat, Jean E. Precis de Chirurgie Experimentale Abdomin Ale et Thoracique Chez le Chien* P. 205-227. Ref. 1972

075483 SF991.M95
Kidneys & urethra. [Dogs, surgery]. (Fre) Fontaine, J L *In Murat, Jean E. Precis de Chirurgie Experimentale Abdomin Ale et Thoracique Chez le Chien* P. 187-204. Ref. 1972

075484 SF991.M95
General procedures. [Dogs, surgery]. (Fre) Murat, J *In Murat, Jean E. Precis de Chirurgie Experimentale Abdomin Ale et Thoracique Chez le Chien* P. 3-39. Ref. 1972

075485 SF991.M95
Stomach. [Dogs, surgery]. (Fre) Mignon, M *In Murat, Jean E. Precis de Chirurgie Experimentale Abdomin Ale et Thoracique Chez le Chien* P. 41-69. Ref. 1972

075486 SF991.M95
Blood vessels & spleen. [Dogs, surgery]. (Fre) Fontaine, J L *In Murat, Jean E. Precis de Chirurgie Experimentale Abdomin Ale et Thoracique Chez le Chien* P. 167-185. Ref. 1972

075487 41.8 K67
Infusion therapy & blood transfusion in dog. (Ger) Daerr, H *Kleintier – praxis* 18 (3): 65-66, 68, 70. May 1973

075488 HD1491.G3K6
Agrochemical Centre Neustadt/Orla undertakes working processes of veterinary hygiene. (Ger) Hanke, I *Kooperation* 6 (11): 18-20. Nov 1972

075489 11 L2322
A veterinary program for disease prevention is good economics. (Dan) Sorensen, T A *Landbonyt* 27 (3): 161, 163-165. Mar 1973

075490 41.9 L99
Teratological accidents in sheep after parbendazole administration. (Fre) Lapras, M *Lyon Soc Vet Med Comp Bull* 75 (1): 53-61. Ref. Eng. Sum. 1973

075491 41.9 L99
Veterinary medicine in antic authors. (Fre) Rossi, P *Lyon Soc Vet Med Comp Bull* 75 (1): 63-68. (Continued). Ref. Eng. Sum. 1973

075492 41.8 M463
Ludwik Henryk Bojanus (1776-1827). [Veterinarians]. (Pol) Jakubowski, S *Med Wet* 29 (2): 123-124. Feb 1973

075493 18 N39
Swine health service. [West Germany]. (Ger) Schoss, P *Mitt Deut Landwirt-ges* 88 (17): 488-489. Apr 26, 1973

075494 41.8 M742
Some problems related to integration of veterinary staff with facilities of industrialised dairy production. (Ger) Deutrich, V *Monatsh Veterinarmed* 28 (8): 282-286. Ref. Eng. Sum. Apr 15, 1973

075495 41.8 M742
On problems related to implementing health & safety rules in veterinary practice. (Ger) Burckhardt, A *Monatsh Veterinarmed* 28 (9): 326-329. Eng. Sum. May 1, 1973

075496 41.8 M742
Ideas on development of scientific discipline 'Internal veterinary medicine' in veterinary education centres in German Democratic Republic: A base for discussion. (Ger) Rossow, N *Monatsh Veterinarmed* 28 (9): 347-351. Eng. Sum. May 1, 1973

075497 41.8 N84
Factors to consider in canine blood transfusions & its products. (Spa) Owen, D R *Notic Neosan* 168: 47-58. Feb 1973

075498 41.8 N84
Technique of blood transfusion in dog. (Spa) Coulon, D J *Notic Neosan* 168: 59-60. Feb 1973

075499 41.8 N922
Historical & geographical references & institution of a place of a veterinary surgeon at Campi Bisenzio. (Ita) Ciampi, L *Nuova Vet* 48 (5): 310-320. Map. Sept-/Oct 1972

075500 20.5 OL8
Changes in internal organs of rabbits in an experimental peroral application of fungicide preparation Kaptan. (Pol) Szuperski, T *Olsztyn Wyzsza Szkola Roln Zeszyty Nauk* 28 (2): 277-284. 1972

075501 QP1.P4
A cannula system for frequent infusions into CSF [cerebrospinal fluid] of cerebral ventricles of goat. Akerlund, L E *Physiol Behav* 10 (1): 161-162. Jan 1973

075502 41.8 P76
Investigations on peripheral action of chlorpromazin, rausedyl, dehydrobenzperidol, frenquel, atarax & xylazin. [Veterinary medicine]. (Pol) Kania, B F *Pol Arch Weter* 15 (4): 811-822. Ref. Eng. Sum. 1972

075503 41.8 P882
Dexa-Tomanol preparation used for dogs & cats. (Ger) Mundt, S *Prakt Tierarzt* 53 (11): 552-553. Nov 1, 1972

075504 41.8 P882
Acupuncture in a boar. (Ger) Lambardt, A *Prakt Tierarzt* 53 (11): 553-554. Nov 1, 1972

075505 41.8 P882
Tasks of practicing veterinarian in modern swine production. (Ger) Eich, *Prakt Tierarzt* 53 (11): 585-586. Nov 1, 1972

075506 41.8 P882
State of veterinary medicine in Israel. (Ger) Hagenlocher, H *Prakt Tierarzt* 53 (11): 587-589. Nov 1, 1972

075507 281.9 B87
Diseases of newborn calf. (Fre) Lafay, E *Prod Agr Fr* 49 (127): 23-24. (Concluded) Apr 1, 1973

075508 100 N27N
Veterinary science in lab. Hibbs, C M *Q Serv Farm Ranch & Home Univ Nebr, Coll Agric* 20 (1): 11-12. Spring 1973

075509 41.8 R24
Technique of vasectomy in different species of animals. (Fre) Badinand, F *Rec Med Vet* 149 (3): 315-327. Eng. Sum. Mar 1973

075510 41.8 R24
Normal electrocardiogram of German Shepherd dog. II. Study of morphology of cardiac electric axis. (Fre) Pouchelon, J L *Rec Med Vet* 149 (4): 487-502. Ref. Eng. Sum. Apr 1973

075511 41.8 R24
Faculty of Veterinary Medicine of Cluj (Romania): ten years of existence. (Fre) Muresan, E *Rec Med Vet* 149 (4): 533-538. Apr 1973

075512 41.8 B86
A dairy herd health programme; summary of 15 months of a dairy farm supervision in milk supply area of Buenos Aires. (Spa) Baigun, R *Rev Med Vet (buenos Aires)* 53 (6): 529-548 (19 P. Not Consecutive) eng. Sum. 1972

075513 41.8 R32
Prostaglandins. [Veterinary medicine]. (Fre) Bertrand, M *Rev Med Vet (toulouse)* 124 (5): 621-634. Ref. Eng. Sum. May 1973

075514 41.8 R32
Curative interventions for excessive permeability of mare genital duct. (Fre) Herthelon, M *Rev Med Vet (toulouse)* 36 (4): 489-505. Ref. Eng. Sum. Apr 1973

075515 S540.A2C42
Uruguay. 2. Report of Faculty of Veterinary Medicine. (Apa) Estevez Garcia, L A *Ser Inf Cent Doc Sobre Invest Ensenanza Super Agropecu Zona Sur* 4: 185-202. 1970 (Pub. 1972)

075516 S13.S55
Veterinary medicine in Maritime Territory. (Rus) IUdin, A M *Sib Vestn S-kh Nauk* 1: 104-106. Jan/Feb 1973

075517 QH491.S66
Characteristics of recovery processes in chicken spleen after trauma. Kadilov, E V *Sov J Develop Biol* 3 (5): 393-395. Sept-/Oct 1972 Transl. 1973

075518 41.9 SV23
Veterinary hospital for Stockholm & its environs. (Swe) Bergelin, S E *Svensk Veterinartidn* 25 (9): 333-335. May 1973

075519 49 J822
Veterinarians' role in national & local health programs in Philippines. Arambulo, P V *Taiwan Ass Anim Husb Vet Med J* 20: 1-8. Ref. June 1972

075520 41.9 T23
Chemical contaminants in food. (Per) Parvaneh, V *Tehran Univ Vet Fac J* 28 (4): 29-43. Ref. Eng. Sum. Jan 1973

075521 41.9 T23
Experimental & clinical operation on imperforated rectum & opening an artificial anus on right flank in ruminants. [Calves]. (Per) Hekmati, P *Tehran Univ Vet Fac J* 28 (4): 63-68. Eng. Sum. Jan 1973

075522 41.8 T445
Cynology for veterinarians. (Ger) Wegner, W *Tierarztl Umsch* 28 (5): 223-224, 226-228. Ref. May 1, 1973

075523 41.8 T445
Clinical test of a new sedative Azaperon, for swine. (Ger) Symoens, J *Tierarztl Umsch* 28 (5): 232-234, 239-240. Ref. May 1, 1973

075524 41.8 T445
Agriculture & veterinary medicine in New Zealand. 2. Health of animals. (Ger) Lohr, J E *Tierarztl Umsch* 28 (5): 246-258, 250-251. May 1, 1973

075525 41.8 T445
Clinical experiences with 'Haemostypticum-Revici'. [Horses, dogs]. (Ger) Geyer, S *Tierarztl Umsch* 28 (6): 268-270. June 1, 1973

075526 41.8 T445
Counter-sensitizing of animals with chronic diseases. (Ger) Kraft, H *Tierarztl Umsch* 28 (6): 273-274. June 1, 1973

075527 41.8 T445
Valuation of risks in admittance of horses in insurance & accidents. (Ger) Zeller, R *Tierarztl Umsch* 28 (6): 287-290. June 1, 1973

075528 41.8 T445
On hoof cartilege exstirpation & further possibilities of operative hoof corrections in horse. (Ger) Wack, P *Tierarztl Umsch* 28 (6): 290-294. Ref. June 1, 1973

075529 41.8 T445
Experiences with care agreement in swine practice. (Ger) Eich, K O *Tierarztl Umsch* 28 (6): 295-298. June 1, 1973

075530 41.8 T445
Agriculture & veterinary medicine in New Zealand. 2. Animal health. (Ger) Lohr, J E *Tierarztl Umsch* 28 (6): 304-308. Ref. June 18 1973

075531 49 T443
Main tasks of veterinary surgeons & veterinary technicians in fulfilling & overfulfilling 1973 plan. (Ger) Schwedler, H *Tierzucht* 27 (1): 20-22. Jan 1973

075532 49 T443
Complex diagnostics, a condition for more efficient prophylaxis & therapy in raising cattle for fattening. (Ger) Gerbatsch, V *Tierzucht* 27 (4): 174-178. Apr 1973

075533 11 T58
Health & disease problems of cows in calf & calving. (Dan) Rasebech, N O *Tolvmandsbladet* 45 (2): 59-66. Feb 1973

075534 20 V633
Problems of veterinary science in industrialized animal industry. (Rus) IArnykh, V S *Vestn Sel'skokhoz Nauk (moscow)* 4: 62-75. Ref. Eng. Sum. Apr 1973

075535 41.8 V6456
Surgical techniques for urethrostomy in male cat. Denny, H R *Vet Annu* 13Th: 133-140. 1972 (Pub. 1973)

075536 41.8 V6456
Indications for heart surgery. [Dogs]. Dear, M G *Vet Annu* 13Th: 190-193. Ref. 1972 (Pub. 1973)

075537 41.8 V6456
Methoxyflurane in small animal anaesthesia. Massey, G M *Vet Annu* 13Th: 211-214. 1972 (Pub. 1973)

075538 41.8 V6456
Laboratory medicine: new techniques. [Veterinary]. Doxey, D L *Vet Annu* 13Th: 225-227. 1972 (Pub. 1973)

075539 41.8 V6456
Sampling for laboratory medicine procedures. [Veterinary]. Polley, L R *Vet Annu* 13Th: 228-233. 1972 (Pub. 1973)

075540 41.8 V6456
Organization & conduct of trials for assessing new therapeutics. [Animals]. Uvarov, O *Vet Annu* 13Th: 316-319. 1972 (Pub. 1973)

075541 41.8 V6456
Use of drugs for immobilization, capture, & translocation of non-domestic animals. Jones, D M *Vet Annu* 13Th: 320-352. Ref. 1972 (Pub. 1973)

075542 SF601.V523
Monitoring of critically ill animal. Calderwood, H W *Vet Clin North Am* 3 (1): 101-109. Ref. Jan 1973

075543 SF601.V523
Intensive care of surgical patient. [Animals]. Carmichael, J A *Vet Clin North Am* 3 (1): 111-125. Jan 1973

075544 SF601.V523
Anesthetic management & recovery of large orthopedic patients. [Horses]. Heath, R B *Vet Clin North Am* 3 (1): 127-135. Jan 1973

075545 SF601.V523
Anesthesia for patient with acquired & congential heart disease. [Dogs]. Fabian, L W *Vet Clin North Am* 3 (1): 17-23. Jan 1973

075546 SF601.V523
Effect of anesthetic agents on cardiovascular function & cardiac rhythm. [Animals]. Sawyer, D C *Vet Clin North Am* 3 (1): 25-31. Ref. Jan 1973

075547 SF601.V523
Anesthetic management of patient with trauma of thorax. [Dogs]. Short, C E *Vet Clin North Am* 3 (1): 3-15. Ref. Jan 1973

075548 SF601.V523
Cardiac arrest & cardiopulmonary resuscitation. [Animals]. Heavner, J E *Vet Clin North Am* 3 (1): 33-44. Jan 1973

075549 SF601.V523
Respiration & general anesthesia. [Animals]. Steffey, E P *Vet Clin North Am* 3 (1): 45-56. Jan 1973

075550 SF601.V523
Anesthetic management in acute & chronic renal failure. [Animals]. Deutsch, S *Vet Clin North Am* 3 (1): 57-64. Jan 1973

075551 SF601.V523
Physiologic changes affecting anesthetic management in gastrointestinal obstruction. [Animals]. Thurmon, J C *Vet Clin North Am* 3 (1): 65-78. Ref. Jan 1973

075552 SF601.V523
Anesthetic considerations for patient with central nervous system dysfunction. [Animals]. Botta, J A *Vet Clin North Am* 3 (1): 79-84. Jan 1973

075553 SF601.V523
Anesthetic management of cesarean section. [Dogs]. Goodger, W J *Vet Clin North Am* 3 (1): 85-99. Ref. Jan 1973

075554 41.8 V6458
A survey of changes in veterinary curriculum. Welser, J R *Vet Econ* 14 (5): 25-26, 28, 30, 32-35, 37-38, 40. Ref. May 1973

075555 41.8 C87
Veterinary measures for control of disease in sheep. (Ita) Bellani, L *Vet Ital* 23 (7/8): 454-462. Aug 1972

075556 41.8 C87
Rapid determination of humidity in drugs lyophilized through gas chromatography. (Ita) Restuccia, A *Vet Ital* 23 (9/10): 538-540. Sept/Oct 1972

075557 41.8 C87
A profile of a modern veterinarian practicing in an area of intensive raising of dairy cattle. (Ita) *Vet Ital* 23 (9/10): 544-550. Sept/Oct 1972

075558 41.8 C87
Slaughtering & inspection service; present & future requirements. (Ita) Rossini, E *Vet Ital* 23 (9/10): 566-570. Sept/Oct 1972

075559 41.8 V6468
Studies on certain mocroand macroelements content in normal & pathologic ovaries of cows & heifers. IV. Zinc & cooper content. (Bul) Petkov, K *Vet Med Nauk* 10 (1): 41-48. Ref. Eng. Sum. 1973

075560 41.8 M69
Dose calibration sutides of lenperone, a new tranquilizer for dogs, cats & swine. Cloyd, G D *Vet Med/small Anim Clin* 68 (4): 344, 346, 348. Apr 1973

075561 41.8 M69
Neurologic examinations. Flexion & crossed extension reflexes. 7. Oliver, J E *Vet Med/small Anim Clin* 68 (4): 383-385. Apr 1973

075562 41.8 M69
Abdominal paracentesis in horse. Hamilton, D P *Vet Med/small Anim Clin* 68 (5): 519-522. Ref. May 1973

075563 41.8 M69
Surgical approach to a tricuspid stenosis. [Dogs]. Harwood, M L *Vet Med/small Anim Clin* 68 (6): 650-656. June 1973

075564 41.8 M69
Surgical treatment of chronic retrobulbar abscess. [Dogs]. Rosenthal, J J *Vet Med/small Anim Clin* 68 (6): 663-668. June 1973

075565 41.8 M69
Repair of a lateral radial head luxation by radial head ostectomy. [Dogs]. Dieterich, H F *Vet Med/small Anim Clin* 68 (6): 671-675. June 1973

075566 41.8 M69
What practicing veterinarian should know about guinea pigs. Clifford, D R *Vet Med/small Anim Clin* 68 (6): 678, 680, 683, 685. Ref. June 1973

075567 41.8 V641
Use of steroid anaesthetic CT 1341 in birds. [Chickens]. Cooper, J E *Vet Rec* 92 (18): 474-479. May 5, 1973

075568 41.8 V641
Cannulation of thoracic duct in sheep. Shnain, A H *Vet Rec* 92 (19): 499-501. May 12, 1973

075569 41.8 V641
A technique for production of gnotobiotic foals. Drummond, A J *Vet Rec* 92 (21): 555-557. May 26, 1973

075570 41.8 V641
British veterinarian & modern sheep reproduction. Fraser, A F *Vet Rec* 92 (22): 585-588. June 2, 1973

075571 41.8 V6429
Pathological disturbances more frequently in genito-mammary area of dairy cow. (Spa) Torrent Mollevi, M *Veterinaria (madrid)* 37 (12): 653-672. 1972

075572 41.8 V6426
On improving medicinal therapy. [Veterinary medicine]. (Rus) Vetra, IA A *Veterinariia* 10: 104-105. Oct 1972

075573 41.8 V6426
Cavitary operations on cattle. (Rus) Khlusevich, A A *Veterinariia* 10: 99-101. Oct 1972

075574 41.8 V6439
Importance of total & general immunity in protecting pigle ts in early postnatal period against actual infections. (Cze) Salajka, E *Veterinarstvi* 23 (4): 163-164. 1973

075575 41.9 V83
Intramuscular administration of neomycin & monomycin to cattle in a two-percent solution of novocain. (Rus) Tereshenkov, A S *Vitebsk Vet Inst Uch Zap* 25: 82-88. 1972

075576 20 AK1
Method of catheterizing hepatic vein in sheep. (Rus) Kurilov, N V *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 10: 19-20. Oct 1972

075577 20 AK1
Manufacture of purified cattle immunoglobulin preparations. (Rus) Emel-'ianenko, P A *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 3: 35-37. Mar 1973

INFECTIOUS AND PARASITIC DISEASES

075578 S544.3.W6W53
Equine infectious anemia. Andersen, J R *A Coop Ext Programs Univ Wis* 2492, 2 P. May 1973

075579 41.9 R24
Experimental pathogenic power of a strain of Pasteurella anatipestifer isolated from a quail. (Fre) Vallee, A *Acad Vet France Bull* 45 (10): 505-508. Dec 1972

075580 41.9 R24
Bovine muscular cysticercosis: Methods of immunological diagnosis. (Fre) Soule, C *Acad Vet France Bull* 45 (10): 509-519. Ref. Dec 1972

075581 41.8 AC84
Observations on a case of infection by Brachylaema suis Balozet, 1936, of swine in province of Matera. (Ita) Colella, G *Acta Med Vet* 18 (3/4): 145-154. Ref. Eng. Sum. May/Aug 1972

075582 41.8 AC84
Experimental research on use of tetramisole by subcutaneous way in dog for treatment of intestinal nematode infection. (Ita) Puccini, V *Acta Med Vet* 18 (3/4): 155-165. Ref. May/Aug 1972

075583 41.8 AC84
Isolation of rhinovirus from calves in Italy. (Ita) Persechino, A *Acta Med Vet* 18 (3/4): 197-200. Eng. Sum. May/Aug 1972

075584 41.8 AC84
Research on effects of two new vegetable feeds (Macrocystis pyrifera & Saccharomyces cerevisiae) on production of hemagglutination-inhibiting antibodies of Newcastle disease virus of chicke (Ita) Biondi, E *Acta Med Vet* 18 (3/4): 235-247. Eng. Sum. May/Aug 1972

075585 436.8 AC8
Behaviour of certain biochemical indicators in experimental sheep fasciolasis. [Liver fluke, Fasciola hepatica]. Furmaga, S *Acta Parasitol Polon* 20 (40/52): 539-550. Ref. Dec 1972

075586 436.8 AC8
Effect of larval ascariodosis on erythropoietic activity assessed by using 59Fe [iron] & 51Cr [chromium] & on vitamin C level in suprarenal bodies & liver, in guinea pigs. Tarczynski, S *Acta Parasitol Polon* 20 (40/52): 563-572. Dec 1972

075587 436.8 AC8
A study of technological properties of milk from cattle treated with Zanil (ICI) against fasciolasis. [Liver fluke]. Tarczynski, S *Acta Parasitol Polon* 20 (40/52): 573-581. Ref. Dec 1972

075588 436.8 AC8
Immunological response of 1-month-old lambs to normal & UV[ultraviolet]-irradiated larvae of Strongyloides papillosus. Bezubik, B *Acta Parasitol Polon* 20 (40/52): 583-595. Ref. Dec 1972

075589 436.8 AC8
Swine caudophagy, a new epizootiological link of trichinellosis in industrial swine farms. [Trichinella spiralis]. Visnjakow, J I *Acta Parasitol Polon* 20 (40/52): 597-604. Dec 1972

075590 436.8 AC8
Investigations on induction & inhibition of immunity in mice infected with Trichinella sprialis. Kozar, M *Acta Parasitol Polon* 21 (1/10): 115-171. Ref. Feb 1973

075591 436.8 AC8
Influence of antilymphocyte & antimacrophage serum on mast cells in experimental trichinellosis in mice. [Trichinella spiralis]. Karmanska, K *Acta Parasitol Polon* 21 (1/10): 173-182. Ref. Feb 1973

075592 436.8 AC8
Effects of controlling subclinical gastrointestinal nematode infestation in sheep under intensive rotational grazing system. Malczewski, A *Acta Parasitol Polon* 21 (1/10): 63-69. Ref. Feb 1973

075593 RB1.A36
Effect of long-term challenge with endotoxin on growth of saphire mink with high incidence of infectious plasmacytosis. Nordstoga, K *Acta Pathol Microbiol Scand Sect A Pathol* 81a (3): 344-346. May 1973

075594 RB1.A36
Effect of long-term challenge with endotoxin on infectious mink plasmacytosis. Nordstoga, K *Acta Pathol Microbiol Scand Sect A Pathol* 81a (3): 347-351. May 1973

075595 475 AC8
Isolation of Trypanosoma (Trypanozoon) rhodesiense from game & domestic animals in Musoma District, Tanzania. [Cattle]. Geigy, R *Acta Trop* 30 (1/2): 49-56. Ref. 1973

075596 QP901.A33
Structure-function relationships in foot-& mouth disease virus. Brown, F *Adv Exp Med Biol* 31: 19-28. Ref. 1972

075597 58.8 AG832
Chronic respiratory disease: Scourge of poultry raisers. [Mycoplasma gallisepticum]. (Spa) Peterson, E H *Agric Am* 22 (4): 49-51. Apr 1973

075598 442.9 AK132
Distribution of adenoviruses types 1, 2, & 3 in cattle in districts of Azerbaijan. (Rus) Alieva, N A *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 3: 120-126. Ref. 1972

075599 442.9 AK132
Change in total lipids of chick blood in cases of experimental coccidiosis (Eimeria tenella, Eimeria mitis). (Rus) Musaev, M A *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 4: 120-124. 1972

075600 442.8 AL6
Synthesis of virus-specific neuraminidase in cells of membranes of chick embryos. (Rus) Isaeva, E S *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 1: 45-51. Jan/Feb 1973

075601 442.8 AL6
Ultrasonic desintegration of Brucella. (Rus) Shin, N G *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 1: 68-71. Jan/Feb 1973

075602 511 AK192D
Production of alkaline phosphatase & secretion of enzyme in intestine of white mice infected with helminths Trichocephalus muris Schrank, 1788. (Rus) Kuciukas, V *Akad Nauk Litov Ssr Darbai Tr Ser C* 1 (57): 149-152. Eng. Sum. 1972

075603 511 AK192D
Cytological, cytochemical & haematoligical characteristics of cattle leukemia. 11. Haematological indicators of bulls. (Rus) Tamasauskas, M *Akad Nauk Litov Ssr Darbai Tr Ser C* 1: 195-203. Ref. Eng. Sum. 1973

075604 511 AK192D
Cytological, cytochemical & haematological characteristics of cattle leukemia. 12. Activity of peroxidase & alkaline phosphatase in migrating cells. (Rus) Pupinyte, T *Akad Nauk Litov Ssr Darbai Tr Ser C* 1: 205-211. Ref. Eng. Sum. 1973

075605 511 AK192D
Immune characteristics of cattle lympholeukemia. 6. Agglutinin formation & blood serum protein fractions after immunization with Brucella abortus bovis No 19 vaccine. (Rus) Pieskus, J *Akad Nauk Litov Ssr Darbai Tr Ser C* 2 (58): 89-98. Ref. Eng. Sum. 1972

075606 511 AK192D
Immunological characteristics of lympholeukosis in cattle. 9. Plasmocytic reaction in lymph nodes after immunization with Brucella abortus bovis no.19 vaccine. (Rus) Peshkus, IU K *Akad Nauk Litov Ssr Darbai Tr Ser C* 4: 125-132. Ref. Eng. Sum. 1972

075607 511 AK192D
Immunological characteristics of lympholeukosis in cattle. 8. Some indices of cellular reaction. (Rus) Lukshis, L P *Akad Nauk Litov Ssr Darbai Tr Ser C* 4: 133-143. Ref. Eng. Sum. 1972

075608 511 AK192D
Cytological, cytochemical & hematological characteristics of leukosis in cattle. 10. Spread of disease in Lithuania. (Rus) Tamashauskas, M K *Akad Nauk Litov Ssr Darbai Tr Ser C* 4: 143-155. Ref. Eng. Sum. 1972

075609 436.9 AK1
Study of protein fractions, lipoproteins & glucoproteins of blood serum of chicks with vitamin A deficiency & antigen immunization from Ascaridia galli. (Rus) Leutskaia, Z K *Akad Nauk Sssr Gelmintol Lab Tr* 23: 105-109. 1973

075610 436.9 AK1
Glucose consumption by Ascaris from hosts with varying degrees of immunity. [Poultry]. (Rus) Koshkina, L A *Akad Nauk Sssr Gelmintol Lab Tr* 23: 82-86. Ref. 1973

075611 448.8 AM326
Role of cat in natural history of Toxoplasma gondii. Wallace, G D *Am J Trop Med Hyg* 22 (3): 313-322. Ref. May 1973

075612 448.8 AM326
Arboviruses in Finland. III. Uukuniemi virus antibodies in human, cattle, & reindeer sera. Saikku, P *Am J Trop Med Hyg* 22 (3): 400-403. May 1973

075613 41.8 AM3A
Responses in Florida Native & Rambouillet lambs exposed to one & two oral doses of Haemonchus contortus. Bradley, R E *Amer J Vet Res* 34 (6): 729-735. Ref. June 1973

075614 41.8 AM3A
Prenatal immunization & protection of newborn: ovine & bovine fetuses vaccinated with Escherichia coli antigen by oral route & exposed to challenge inoculum at birth. Conner, G H *Amer J Vet Res* 34 (6): 737-741. Ref. June 1973

075615 41.8 AM3A
Abnormalities of in vitro lymphocyte responses during bovine viral diarrhea virus infection. Muscoplat, C C *Amer J Vet Res* 34 (6): 753-755. Ref. June 1973

075616 41.8 AM3A
Cell-mediated immune responses in calves with anaplasmosis. [Anaplasma marginale]. Buening, G M *Amer J Vet Res* 34 (6): 757-763. Ref. June 1973

075617 41.8 AM3A
Escherichia coli endotoxemia in conscious calves. Reece, W O *Amer J Vet Res* 34 (6): 765-769. Ref. June 1973

075618 41.8 AM3A
Anthelmintic efficacy of cambendazole against gastrointestinal parasites of horse. Bello, T R *Amer J Vet Res* 34 (6): 771-777. Ref. June 1973

075619 41.8 AM3A
Porcine coronaviruses: co-infection of cell cultures with transmissible gastroenteritis virus & hemagglutinating encephalomyetlitis virus. Mengeling, W L *Amer J Vet Res* 34 (6): 779-783. Ref. June 1973

075620 41.8 AM3A
Mortality, antibody development, & viral persistence in porcine fetuses incubated in utero with SMEDI (entero-) virus. Wang, J T *Amer J Vet Res* 34 (6): 785-791. Ref. June 1973

075621 41.8 AM3A
Resistance of pigs recovered from transmissible gastroenteritis against infection with Ascaris suum. Gaafar, S M *Amer J Vet Res* 34 (6): 793-795. Ref. June 1973

075622 41.8 AM3A
Experimentally induced canine dermatophilosis. [Dermatophilus congoleniis]. Richard, J L *Amer J Vet Res* 34 (6): 797-799. June 1973

075623 41.8 AM3A
Feline virus-induced tumors & immune response: recent developments. Essex, M *Amer J Vet Res* 34 (6): 809-812. Ref. June 1973

075624 41.8 AM3A
Vaccination against Marek's disease: possible causes of failure of herpesvirus of turkeys (strain FC126) to protect chickens against Marek's disease. Okazaki, W *Amer J Vet Res* 34 (6): 813-817. Ref. June 1973

075625 41.8 AM3A
Effect of aflatoxin B1 on resistance in poultry against cecal coccidiosis & Marek's disease. Edds, G T *Amer J Vet Res* 34 (6): 819-826. Ref. June 1973

075626 41.8 AM3A
Lesions of dermatophytosis in guinea pigs treated with triamcinolone acetonide: an animal model. Maestrone, G *Amer J Vet Res* 34 (6): 833-836. Ref. June 1973

075627 41.8 AM3A
Distribution of antibody to bovine adenovirus type 1 in Alabama cattle, as determined by micro-serum-neutralization test. Rossi, C R *Amer J Vet Res* 34 (6): 841-842. June 1973

075628 41.8 AM3
Feline toxoplasmosis & coccidiosis: a survey of domiciled & stray cats. [Toxoplasma gondii]. Dubey, J P *Amer Vet Med Assoc J* 162 (10): 873-877. Ref. May 15, 1973

075629 41.8 AM3
Multiple antimicrobial resistance in Escherichia coli isolated from urine of dogs & cats with cystitis. Harsh, D C *Amer Vet Med Assoc J* 162 (10): 885-887. Ref. May 15, 1973

075630 41.8 AM3
Subcutaneous abscess associated with an unusual pseudomonad in a dog. Jennings, P B *Amer Vet Med Assoc J* 162 (10): 891-893. Ref. May 15, 1973

075631 41.8 AM3
Serologic diagnosis of toxoplasmosis & prevalence of Toxoplasma gondii antibodies in selected feline, canine, & human populations. Behymer, R D *Amer Vet Med Assoc J* 162 (11): 959-963. Ref. June 1973

075632 41.8 AM3
Effect of certain biologic & antibacterial agents on development of acute respiratory tract disease in weaned beef calves. Woods, G T *Amer Vet Med Assoc J* 162 (11): 974-978. Ref. June 1973

075633 41.9 C67
Present lines in investigation of swine pests. (Spa) Sanchez Botija, D C *An Col Ofic Vet Prov (barcelona)* 30 (344): 91-99. Mar 1973

075634 SF601.A5
Glomerulonephritis in dog & cat: a comparative review. Osborne, C A *Anim Hosp* 9 (2): 101-127. Ref. Mar/Apr 1973

075635 448.3 AN72
Genus Erwinia: enterobacteria pathogenic to plants & animals. Starr, M P *Annu Rev Microbiol* 26: 389-426. Ref. 1972

075636 RM265.A5132
Demonstration of R factors in Bordetella bronchiseptica isolated from pigs. [Atrophic rhinitis]. Terakado, N *Antimicrob Agents Chemother* 3 (5): 555-558. Ref. May 1973

075637 RM265.A5132
Distribution & blood-to-milk transfer of labeled antibiotics. [Sheep]. Ziv, G *Antimicrob Agents Chemother* 3 (5): 607-613. Ref. May 1973

075638 381 AR2
Activity of foot-and-mouth disease virus RNA-dependent RNA polymerase in vitro: inhibition by polyamines & poly(amino acid)s. Lazarus, L H *Arch Biochem Biophys* 156 (1): 154-160. Ref. May 1973

075639 448.3 AR23
Structure of bovine respiratory syncytial virus. Ito, Y *Arch Gesamte Virusforsch* 40 (3/4): 198-204. 1973

075640 448.3 AR23
Buffalopox virus. Lal, S M *Arch Gesamte Virusforsch* 40 (3/4): 390-391. 1973

075641 41.8 AU72
Serology of foot-rot: antibodies against Fusiformis nodosus in normal, affected, vaccinated & passively immunised sheep. Egerton, J R *Aust Vet J* 49 (3): 139-145. Ref. Mar 1973

075642 41.8 AU72
Use of molasses blocks medicated with phenothiazine to control nematodes in sheep in western Australia. De Chaneet, G *Aust Vet J* 49 (3): 146-149. Mar 1973

075643 41.8 AU72
Depression of quarter milk yield caused by bovine mastitis, & response of yield to sucessful therapy. Morris, R S *Aust Vet J* 49 (3): 153-156. Ref. Mar 1973

075644 41.8 AU72
Isolation of swine parvovirus in Queensland. Johnson, R H *Aust Vet J* 49 (3): 157-159. Ref. Mar 1973

075645 41.8 AU72
Association of Salmonella dublin with bovine abortion in Victoria. Russell, R G *Aust Vet J* 49 (3): 173-174. Mar 1973

075646 41.8 AU72
Salmonella dublin abortion in a New South Wales dairy herd. Davidson, K R *Aust Vet J* 49 (3): 174-176. Mar 1973

075647 41.8 AU72
Surgical treatment of osteomyelitis in a heifer. Baird, J D *Aust Vet J* 49 (4): 202-201. Apr 1973

075648 41.8 AU72
Detection of tuberculin sensitivity in beef cattle at 24 hours by means of an infrared radiometer. Lepper, A W D *Aust Vet J* 49 (4): 217. Apr 1973

075649 41.8 AU72
Recognition of viruses of avian leucosis/-sarcoma group & other viruses that interfere with Marek's disease research. Mustaffa-Babjee, A *Aust Vet J* 49 (5): 232-237. Ref. May 1973

075650 41.8 AU72
A serological survey for viral antibodies in wild ducks. Hore, D E *Aust Vet J* 49 (5): 238-239. May 1973

075651 41.8 AU72
Diagnosis of tuberculosis in cattle with special reference to bovine PPD [purified protein derivative] tuberculin. Francis, J *Aust Vet J* 49 (5): 246-251. Ref. May 1973

075652 41.8 AU72
Mycobacterial lymphadenitis in pigs on Darling Downs. Reznikov, M *Aust Vet J* 49 (5): 264-265. Ref. May 1973

075653 41.8 AU72
Route of infection in tuberculosis of beef cattle. Lepper, A W D *Aust Vet J* 49 (5): 266-267. May 1973

075654 41.8 AU72
Use of dazomet as a poultry litter fumigant for salmonellas. Simmons, G C *Aust Vet J* 49 (5): 268. May 1973

075655 1973
Semen of bulls as a potential carrier of herpes & pikhristov, s. (Bul) Karadzhov, I *Bakurdzhiev, K* Vet Med Nauk 10 (1): 25-31.

075656 41.8 B45
Vaccination & revaccination of turkeys with Newcastle disease virus strains Bl & La Sota. (Ger) Bengelsdorff, H J *Berliner Munchener Tierarztl Wochenschr* 86 (10): 192-195. Eng. Sum. May 15, 1973

075657 41.8 B45
Serological research in cattle in Kabete area (Kenya). I. Occurrence of antibodies against para-influenza-3-, IBR-, [infectious bovine rhinotracheitis] BVD [bovine virus diarrh (Ger) Gossler, R *Berliner Munchener Tierarztl Wochenschr* 86 (9): 164-166. Ref. Eng. Sum. May 1, 1973

075658 41.8 B45
Pathological-histological changes in rabbits produced by Escherichia coli & intestinal coccidia. (Ger) Hoffmann, R *Berliner Munchener Tierarztl Wochenschr* 86 (9): 167-171. Ref. Eng. Sum. May 1, 1973

075659 500 AM322A
Department of Agriculture, Department of Interior, brucellosis, & farmer. Meagher, M *Bioscience* 23 (5): 311-312. May 1973

075660 448.8 B772
A suggested role for colostral antibody in eosinophil response of piglet. Anderson, J C *Brit J Exp Pathol* 54 (2): 135-141. Ref. Apr 1973

075661 41.8 C12
Toxoplasmosisclinical & public health considerations. Theis, J H *Calif Vet* 27 (5): 8, 10, 12, 14, 32-34. Ref. May 1973

075662 41.8 C162
Age dependent resistance to transmissible gastroenteritis of swine (TGE). II. Coronavirus titer in tissues of pigs after exposure. Norman, J O *Can J Comp Med* 37 (2): 167-170. Ref. Apr 1973

075663 41.8 R3224
Gastrointestinal nematodes in horses in Ontario. Slocombe, J O D *Can Vet J* 14 (5): 101-105. Ref. May 1973

075664 41.8 R3224
A disease resembling malignant catarrhal fever in captive white-tailed deer in Saskatchewan. Wobeser, G *Can Vet J* 14 (5): 106-109. May 1973

075665 41.8 R3224
Protection of Arizona-disease infected turkey poults. Greenfield, J *Can Vet J* 14 (5): 110-113. May 1973

075666 41.8 R3224
North American blastomycosis in two dogs in Saskatchewan. Hoff, B *Can Vet J* 14 (5): 122-123. May 1973

075667 41.8 C483
Differential diagnosis of diarrhea in piglets. [Clostridium, Escherichia coli]. (Spa) Sheldahl, L *Cienc Vet (Mexico)* 17 (4): 291-296. Ref. July/Aug 1972

075668 41.8 C483
Dermatomycosis in fur-bearing animals. [Chinchillas, rabbits]. (Spa) Hagen, K W *Cienc Vet (Mexico)* 17 (4): 301-306. Ref. July/Aug 1972

075669 41.8 C483
Antibiotics: How they act. (Spa) Kunesh, J P *Cienc Vet (Mexico)* 17 (4): 317-323. Ref. July/Aug 1972

075670 41.8 C483
Control of mycoplasmosis in chickens & turkeys. (Spa) Tudor, D C *Cienc Vet (Mexico)* 17 (4): 325-331. Ref. July/Aug 1972

075671 504 B8262M
Pathogenic Phycomycetes of man & animals in tropical regions. [Basidiobolus ranarum, Basidiobolus meristosporus]. (Fre) Coremans-Pelseneer, J *Cl Sci Nat Med Acad R Sci Outre-Mer* (New Ser.) 18 (4): 49 P. Ref. Eng. Sum. 1972

075672 41.8 C61
Bovine distomatosis; comparative tests of various antigens of Fasciola hepatica ofr allergic diagnosis; preliminary research on occurrence of disease in Lombardy. (Ita) Falagiani, P *Clin Vet* 96 (1): 8-15. Ref. Eng. Sum. Jan 1973

075673 41.8 C61
Treatment of dermatomycosis in dog & cat. (Ita) Faravelli, G *Clin Vet* 96 (2): 51-55. Ref. Feb 1973

075674 41.8 C61
Comparative study of Aujesky's disease virus & herpes simplex virus by cytopathogenic effect in course of their reproduction in different tissue cultures. (Fre) Toneva, V *Clin Vet* 96 (3): 65-82. Ref. Mar 1973

075675 41.8 C61
Marek's disease: experimental & field research on lyophilized HVT [Turkey herpes virus] vaccine. Zanella, A *Clin Vet* 96 (3): 83-92. Mar 1973

075676 444.8 C73
Suppression of avian reticuloendothelial system & enhancement of a Plasmodium lophurae infection in diethylstilbestrol treated chickens. Loose, L D *Compar Biochem Physiol* 45 (2A): 587-593. Ref. June 1, 1973

075677 444.8 C73
Amine excretion in excysted larvae & adults of Trichinella spiralis. Castro, G A *Compar Biochem Physiol* 45 (3a): 819-828. Ref. July 1, 1973

075678 475 SCI23
Studies on non-specific inactivation of some arboviruses by fresh serum from different laboratory animals. Gadkari, D A *Cur Sci* 42 (10): 346-348. Ref. May 20, 1973

075679 475 SCI23
Chromosome studies in liver fluke, Fasciola Gagantica Cobbold, 1856, from Andhra Pradesh. Reddy, P V *Cur Sci* 42 (8): 288-291. Apr 20, 1973

075680 QR1.C7
Chemical aspects of leptospirosis. Stalheim, O H V *CRc Crit Rev Microbiol* 2 (4): 423-456. 1973

075681 41.8 D482
Prophylactic immunization of heifers against Staphylococcus mastitis. (Ger) Janovics, A *Deut Tierarztl Wochensch* 80 (10): 221-224. Ref. Eng. Sum. May 15, 1973

075682 41.8 D482
A contribution to medical prophylaxis of atrophic rhinitis in pig. (Ger) Konermann, H *Deut Tierarztl Wochensch* 80 (10): 225-227. Ref. Eng. Sum. May 15, 1973

075683 41.8 D482
Experiences with suiferin C in hog cholera herds. (Ger) Wachendorfer, G *Deut Tierarztl Wochensch* 80 (3): 59-62. Ref. Eng. Sum. Feb 1, 1973

075684 41.8 D482
Application of chlortetracyclin – containing medicinal pellet food for larger psittacine birds for prophylaxis & therapy of psittacosis. (Ger) Wachendorfer, G *Deut Tierarztl Wochensch* 80 (9): 202-206. Ref. Eng. Sum. May 1, 1973

075685 511 AK147D
On distribution of fascioliasis in ruminants in a typical semi-desert region of Azerbaijan (Apsheron-Kobystan).[-Sheep, cattle]. (Rus) Asadov, S M *Dokl Akad Nauk Az SSR* 28 (11/12): 54-57. 1972

075686 HD1970.A1E2
Treatment & control of rabbit diseases. I. (Ita) Prati, A *Econ Mont* 4 (32): 189. July 1972

075687 442.8 EX7
Ribosome crystalluzation in normal & in Marek's disease affected chicken. Simoni, P *Exp Cell Res* 78 (2): 433-400. Ref. Apr 1973

075688 SF321.N5
Studies on outbreak of equine influenza in Japan in 1971; hematological observation. (Jap) Tabuchi, E *Exp Rep Equine Health Lab* 9: 1-9. Eng. Sum. Dec 1972

075689 475 EX7
Effect of endotoxin & dietary phosphorus on proliferation of liver reticuloendothelial & bone marrow cells. [Guineapigs, Salmonella typhimurium]. Doak, R L *Experientia* 29 (5): 602-604. Ref. May 15, 1973

075690 45.9 SV2
Coccidiosis should be prevented. [Eimeria, sheep]. (Swe) Nilsson, O *Farskotsel* 53 (3): 9-10. Mar 1973

075691 442.8 F712
Cell-free preparations of Marek's disease virus from poultry dust. Hlozanek, I *Folia Biol (praha)* 19 (2): 118-123. Ref. 1973

075692 24 G25
Ectoparasites of swine. (Por) Picae Tello, M *Gaz Agr (lourenco Marques)* 24 (279): 245-249. Aug 1972

075693 24 G25
East Coast fever. [Rhipicephalus appendiculatus, Theileria parva, cattle]. (Por) Tello, *Gaz Agr (lourenco Marques)* 24 (280): 282-283. Sept 1972

075694 449.8 Z36P
Studies on influence of various cleaning processes on tenacity of Newcastle disease virus. [Chickens]. (Ger) Kirchhoff, H *Gesundheits Desinfek* 65 (4): 61-63. Apr 1973

075695 S15.G5
Immunization against rabies. [Livestock]. (Por) Silva, A da *Gleba* 19 (207): 9. Jan 1973

075696 436.9 H36
Development of Eimeria zuernii in cell cultures. [Cattle]. Speer, C A *Helminthol Soc Wash Proc* 40 (1): 160-163. Ref. Jan 1973

075697 436.9 H36
Effect of thiabendazole on a drug-resistant ovine isolate of Haemonchus contortus in cattle. Herlich, H *Helminthol Soc Wash Proc* 40 (1): 165. Jan 1973

075698 436.9 H36
Interaction of Trichostrongylus axei & Haemonchus contortus administered simultaneously to calves. Goldberg, A *Helminthol Soc Wash Proc* 40 (1): 169-170. Jan 1973

075699 436.9 H36
Effect of intramuscular injections of iron-dextran on ovine haemonchosis. [Lambs]. Vegors, H H *Helminthol Soc Wash Proc* 40 (1): 66-69. Ref. Jan 1973

075700 436.9 H36
Controlled trails with levamisole, cambendazole, & morantel tartrate against naturally acquired helminth infections in sheep. Kates, K C *Helminthol Soc Wash Proc* 40 (1): 87-91. Ref. Jan 1973

075701 47.8 AV5
Mycosis & pasteurellosis of calf. (Spa) Castell, R *Hens Rev Tec Ganad* 14 (147): 6-7. Jan 1973

075702 44.8 L12
Antibiotics in livestock feed. (Swe) Jonson, G *Husdjur* 2: 16-17. Feb 9, 1973

075703 44.8 L12
Parasite infestation through fertilizer. [Ostertagia ostertagi, Cooperia oncophora, livestock]. (Swe) Persson, L *Husdjur* 4: 20-21. Apr 6, 1973

075704 S15.I592
Isolation of Brucella suis from goats. (Spa) Perez F, J *Ica Rev (Inst Colomb Agropecuar)* 7 (1): 49-56. Eng. Sum. Mar 1972

075705 RC186.T815V74 1972
On mechanisation of trichinelloscopy of swine. [Trichinosis]. (Rus) Orlov, I V *In Vsesoiuznaia Konferentsiia po Probleme Trikhinelleza Che Loveka i Zhivotnykh, Vilna, 1972. Materialy Dokladov* P. 132-136. Eng. Sum. 1972

075706 QR1.I57
Absence of an immune response after oral administration of attenuated feline panleukopenia virus. Schultz, R D *Infect Immun* 7 (4): 547-549. Apr 1973

075707 QR1.I57
Endotoxin-altering activity in serum of developing chicken embryo: lack of correlation with embryonic susceptibility to injected encotoxin. Von Eschen, K B *Infect Immun* 7 (4): 683-684. Ref. Apr 1973

075708 HD1945.A1I5
Europe of Nine: Should European agricultural policy change according to British pattern? [European Economic Community]. (Fre) Clerc, F *Inform Agr (paris)* 432: 27-28. Jan 1973

075709 QH547.I55
Optimum temperature for egg development of phenotypes in Haemonchus contortus cayugensis as determined by arrhenius diagrams & sacher's entropy function. [Sheep]. Lejambre, L F *Int J Parasitol* 3 (3): 299-310. Ref. May 1973

075710 QH547.I55
East coast fever: infectivity for cattle of infective particles of Theileria parva harvested in various substrates. Cunningham, M P *Int J Parasitol* 3 (3): 335-338. May 1973

075711 QH547.I55
Fate of large infective doses of Nematodirus battus in young lambs. Mapes, C J *Int J Parasitol* 3 (3): 339-347. May 1973

075712 QH547.I55
Effect of large doses of Nematodirus battus on histology & biochemistry of small intestine of lambs. Coop, R L *Int J Parasitol* 3 (3): 349-361. Ref. May 1973

075713 QH547.I55
Fate of multiple doses of infective larvae of Nematodirus battus in 8-month-old lambs & their effect on intestinal enzyme activity. Mapes, C J *Int J Parasitol* 3 (3): 363-370. Ref. May 1973

075714 QH547.I55
Immunologic studies on Heligmosomoides polygyrus infection in mouse: dynamics of single & multiple infections & effect of DDT upon acquired resistance. Neilson, J T McL *Int J Parasitol* 3 (3): 371-378. Ref. May 1973

075715 QH547.I55
Babesia argentina: intraerythrocytic location of babesial antigen extracted from parasite suspensions. [Calves]. Goodger, V *Int J Parasitol* 3 (3): 387-391. Ref. May 1973

075716 QH547.I55
Nucleoside triphosphate metabolism in muscle tissue of Ascaris lumbricoides (Nematoda). [Pigs]. Barrett, J *Int J Parasitol* 3 (3): 393-400. Ref. May 1973

075717 QH547.I55
Effects of mebendazole on absorption of low molecular weight nutrients by Ascaris suum. [Pigs]. Van Den Bossche, H *Int J Parasitol* 3 (3): 401-407. Ref. May 1973

075718 QH547.I55
Fumarate reductase reaction of Haemonchus contortus & mode of action of some anthelmintics. [Livestock, parasites]. Prichard, R K *Int J Parasitol* 3 (3): 409-417. Ref. May 1973

075719 QH547.I55
Characterization of a glycoprotein in cyst fluid of Cysticercus tenuicollis from goat. Dixon, S N *Int J Parasitol* 3 (3): 419-424. Ref. May 1973

075720 QH547.I55
Pathological changes in parasitic infections of intestine of calves & lambs: a technique for avoiding pest-mortem artefacts. Cawthorne, R J G *Int J Parasitol* 3 (3): 447-449. May 1973

075721 448.3 IN8
Designation of neotype strains & of biotype reference strains for species of genus Brucella Meyer & Shaw. Meyer, M E *Int J Syst Bacteriol* 23 (2): 135-141. Ref. Apr 1973

075722 448.3 IN8
Proposal for standardization of designations used for serotypes of Erysipelothrix rhusiopathiae (Migula) Buchanan. [Swine erysipelas]. Kucsera, G *Int J Syst Bacteriol* 23 (2): 184-188. Ref. 1973

075723 20 M57AG
Control of edema disease of baby pigs. (Ger) Dimitrov, N *Int Z Landwirt* 4: 460-464. 1972

075724 22 IN8
Check keratitis in your calves. Surendranath, T *Intensive Agr* 10 (12): 20-21. Feb 1973

075725 381 J8223
Tissue residue depletion of sulfaquinoxaline in turkey poults. [Coccidiosis, control]. Righter, H F *J Agr Food Chem* 21 (3): 412-413. Ref. May/June 1973

075726 49 J82
Effect of Mycoplasma hyopneumoniae infection, pyrantel treatment & protein nutrition on performance of pigs exposed to soil containing Ascaris suum ova. Zimmerman, D R *J Anim Sci* 36 (5): 894-897. Ref. May 1973

075727 448.3 J823
Isolation of T-mycoplasmas from goats, & production of subclinical mastitis in goats by intramammary inoculation of human T-mycoplasmas. Gourlay, R N *J Gen Microbiol* 76 (1): 251-254. Ref. May 1973

075728 QR360.A1J6
Further evidence of two loci which control susceptibility of fowl to RSV(RAV-O) [Rous sarcoma virus(rous avian virus]. Pani, P K *J Gen Virol* 19 (2): 235-244. Ref. May 1973

075729 448.8 J8232
Host defenses during primary Venezuelan equine encephalomyelitis virus infection in mice. I. Passive transfer of protection with immune serum & immune cells. Rabinowitz, S G *J Immunol* 110 (5): 1345-1353. Ref. May 1973

075730 448.8 J8232
Host defenses during primary Venezuelan equine encephalomyelitis virus infection in mice. II. Invitro methods for meaurement & qualitation of immune response. Adler, W H *J Immunol* 110 (5): 1354-1362 ref. May 1973

075731 QR1.J62
Alimentary mycotic lesions in cattle: a histological & cultural study. [Mycobacterium johnei]. Angus, K W *J Med Microbiol* 6 (2): 207-213. Ref. Mar 1973

075732 439.8 J82
East Coast Fever of cattle: 60Co [cobalt] irradiation of infective particles of Theileria parva. [Tick vector, Rhipicephalus appendiculatus]. Cunningham, M P *J Protozool* 20 (2): 298-300. Ref. May 1973

075733 436.8 J27
A new avian cestodek Metroliasthes coturnix n. sp. from intestine of a Japanese quail, with an avian cestode from a macow. Sawada, I *Jap J Parasitol* 21 (6): 395-399. Dec 1972

075734 41.8 J27
Studies on avian malaria in Japan. III. Tissue culture of exoerythrocytic form of parasite. [Chickens]. (Jap) Tsubokura, M *Jap J Vet Sci* 34 (6): 315-322. Ref. Eng. Sum. Dec 1972

075735 47.8 N57
Coccidiosis & its pathogenicity in Japanese quails in quail farms. (Jap) Tsutsumi, Y *Jap Poultry Sci* 10 (2): 41-46. Ref. Eng. Sum. Mar 1973

075736 Z6674.A1K3
Mixed infectious diseases caused by Mycoplasma gallisepticum & other microorganisms. [Poultry]. (Jap) Sato, S *Kachiku Eisei Shikenjo'* 21 (10): 1-3. Oct 1972

075737 41.8 K67
Rabies protection ordinance partly invalid. (Ger) Sojka, K *Kleintier – praxis* 18 (3): 75-76. May 1973

075738 41.8 K67
Rabies control by gassing foxes? (Ger) Krumbiegel, I *Kleintier – praxis* 18 (3): 76-80. Ref. May 1973

075739 11 L234
Salmonellosis, manure flies, & pastures. [Diptera]. (Swe) Thunegard, E *Lantmannen* 84 (6): 33. Mar 30, 1973

075740 41.9 L99
Biological & ultrastructural modifications of lymphocytes in scrapie of sheep. (Fre) Bonneau, M *Lyon Soc Vet Med Comp Bull* 75 (1): 23-33. Ref. 1973

075741 41.9 L99
Studies on avian syngamosis. 1. Treatment of disease by iodo-3, hydroxy 4, nitro 5 benzo nitrile (Nitroxynil). [Syngamus trachea, chicks]. (Fre) Euzeby, J *Lyon Soc Vet Med Comp Bull* 75 (1): 35-42. Ref. Eng. Sum. 1973

075742 100 M38H (1)
Bovine leptospirosis in Massachusetts. Smith, R E *Mass Agr Exp Sta Bull* 600, 30 P. Map. Ref. Aug 1972

075743 41.8 M463
Mastitis & agalactia in a sow. (Pol) Gogolewski, L *Med Wet* 29 (1): 47-48. Jan 1973

075744 41.8 M463
Utilization of some vaccines in 1968 – 1970. [Livestock diseases, control]. (Pol) Lis, H *Med Wet* 29 (3): 144-147. Mar 1973

075745 41.8 M463
Combined vaccination of swine in fattening house. (Pol) Chwalibog, J *Med Wet* 29 (3): 148-150. Ref. Mar 1973

075746 41.8 M463
Attempts of oral immunization of chickens against Newcastle disease by means of vaccine prepared in cells. (Pol) Rulka, J *Med Wet* 29 (3): 150-152. Ref. Mar 1973

075747 41.8 M463
Studies on serological differentiation of Mycobacterium avium strains isolated in Poland. II. analysis antigenic structure of Mycobacterium avium. [Chickens]. (Pol) Rzedzicki, J *Med Wet* 29 (3): 153-160. Ref. Eng. Sum. Mar 1973

075748 41.8 M463
Marek's disease in broilers. Clinical & pathological diagnosis. (Pol) Golnik, W *Med Wet* 29 (3): 160-162. Ref. Mar 1973

075749 41.8 M463
A case of occurrence of Salmonella takoradi in ducks in Katowice province. (Pol) Butrym-Malczewska, B *Med Wet* 29 (3): 163. Ref. Mar 1973

075750 41.8 M463
Examinations of occurrence of bacteria of Corynebacterium genus in udders of milking cows. I. Laboratory diagnosis, listing & seasonal occurrence. (Pol) Kurek, C *Med Wet* 29 (3): 164-166. Ref. Eng. Sum. Mar 1973

075751 41.8 M463
Investigation on efficacy of Terenol R (Hoechst) in treatment of moniesiasis in ruminants. [Cattle, sheep]. (Pol) Grzywinski, L *Med Wet* 29 (3): 167-168. Eng. Sum. Mar 1973

075752 41.8 M463
Investigations on immunological conflict in pigs. II. Detailed diagnostic examination. (Pol) Balbierz, H *Med Wet* 29 (3): 168-171. Ref. Mar 1973

075753 41.8 M463
Comparative investigation on diagnosis of cysticercosis in cattle in industrial slaughter-houses & field laboratories of Veterinary Sanitary Inspection (WIS). (Pol) Kozakiewicz, B *Med Wet* 29 (3): 173-176. Mar 1973

075754 41.8 M463
Losses due to Trichinella spiralis invasions in pigs. (Pol) Walkowiak, E *Med Wet* 29 (3): 176. Mar 1973

075755 41.8 M463
Examinations of microflora of air in a cow shed. (Pol) Majewski, T *Med Wet* 29 (3): 181-184. Ref. Eng. Sum. Mar 1973

075756 41.8 M463
Enzymatic protein hydrolyzate (EHB) as a medium for bactteriological purposes. (Pol) Melnarowicz, T *Med Wet* 29 (3): 185-187. Ref. Mar 1973

075757 41.8 M463
50th anniversary of cattle plague eradication in Poland. (Pol) Janiszewski, J *Med Wet* 29 (3): 187-189. Mar 1973

075758 448.3 M584
Notes on a focus of 'Q' fever in a zootechnical unit. (Rum) Draghici, O *Microbiol Parazitol Epidemiol* 18 (2): 109-114. Ref. Eng. Sum. Mar/Apr 1973

075759 22.5 M6932B
Stomach worm disease of horse caused by Habronema megastoma. I. Epidemiology & disclosed region of parasitic lesion. (Jap) Ashizawa, H *Miyazaki Univ Fac Agr Bull* 19 (2): 419-424. Ref. Eng. Sum. Dec 1972

075760 22.5 M6932B
Stomach worm disease of horse caused by Habronema megastoma, iI. Pathological findings on intragastric nodule. (Jap) Asizawa, H *Miyazaki Univ Fac Agr Bull* 19 (2): 425-436. Ref. Eng. Sum. Dec 1972

075761 22.5 M6932B
Pathological findings on stomach & duodenum of horse parasitic with Gasterophilus larvae. (Jap) Ashizawa, H *Miyazaki Univ Fac Agr Bull* 19 (2): 437-448. Ref. Eng. Sum. Dec 1972

075762 41.8 M742
On diagnosis, epizootiology, & control of transmissible gastroenteritis (TGE) in pigs. (Ger) Lehnert, C *Monatsh Veterinarmed* 28 (9): 329-336. Ref. Eng. Sum. May 1, 1973

075763 41.8 M742
Contribution to treatment of transmissible gastroenteritis in swine. (Ger) Talos, V *Monatsh Veterinarmed* 28 (9): 337-339. Ref. Eng. Sum. May 1, 1973

075764 41.8 M742
A pathogen of Bedsonian group & its bearings on aetiology of enzootic pneumonia in swine. (Ger) Tolybekow, A S *Monatsh Veterinarmed* 28 (9): 339-344. Ref. Eng. Sum. May 1, 1973

075765 41.8 M742
Atypical enzootic anthrax in a mink farm. [Bacillus anthracis]. (Ger) Zimmermann, H *Monatsh Veterinarmed* 28 (9): 346-347. Ref. Eng. Sum. May 1, 1973

075766 450 M994
Liver disease in hog caused by Fhizopus cohnii. Fragner, P *Mycopathol Mycol Appl* 49 (4): 249-254. Ref. Apr 30, 1973

075767 S19.M9
Pattern of asexual development of Babesia as seen in peripheral blood of a cow. Setty, D R L *Mysore J Agr Sci* 6 (4): 474-480. 1972

075768 S19.M9
Isolation of Pasteurella multocida Carter's type B from sheep. Upadhye, A S *Mysore J Agr Sci* 6 (4): 480-485. 1972

075769 47.9 N472
Newcastle disease in poultry. Christie, D G *N S W Dep Agr Poult Notes* P. 8-9. Apr 1973

075770 280.28 N685
Newcastle & urate deposition diseases in poultry. (Jap) Chihisa, S *Nogyo To Kyodo (lavoura Coop)* 12: 12-13. Dec 1972

075771 41.8 N75
Equine viral rhinopneumonitis: pathography & prophylaxis. Bass, E P *Norden News* 48 (2): 5-9, 34. Spring 1973

075772 41.8 N84
Prospects of canine diseases produced by virus. (Spa) Fernandez Espinosa, D J L *Notic Neosan* 168: 21-31. Feb 1973

075773 41.8 N84
Ascaridiosis of dog & cat. [Toxocara]. (Spa) Buenaventura Perello Olivella, D *Notic Neosan* 168: 33-45. Feb 1973

075774 41.8 N84
Canine viral infections: Etiological notions, prophylactic importance. (Spa) Goret, D P *Notic Neosan* 168: 7-19. Feb 1973

075775 287 P43
Prophylaxis in bovine brucellosis. (Ita) Pelaggi, A *Nuova Econ* (New Ser.) 84 (10): 20. Oct 1972

075776 41.8 N922
Estrogen acitivity in female mice of strains of Aspergillus niger. Fusarium sp. & Penncillium sp. isolated from mouldy maize reaponsible for hyperestrogenism in sows & female r (Ita) Marcato, P S *Nuova Vet* 48 (5): 255-264. Ref. Eng. Sum. Sept/Oct 1972

075777 41.8 N922
Identification by fluorescent antibody method of Mycoplasma isolated from chickens & turkeys: its application on control of avian mycoplasmosis. (Ita) Dovadola, E *Nuova Vet* 48 (5): 265-271. Ref. Eng. Sum. Sept/Oct 1972

075778 41.8 N922
Associated treatment with cholinesterase-restoring agents & antitoxin in spontaneous tetanus of a donkey. (Ita) Leonardi, G *Nuova Vet* 48 (5): 287-294. Ref. Eng. Sum. Sept/Oct 1972

075779 41.8 N922
In vitro assay of turkey herpes virus (HVT). (Ita) Lodetti, E *Nuova Vet* 48 (5): 295-300. Eng. Sum. Sept/Oct 1972

075780 41.8 ON1
First report of facial eczema in sheep in South Africa. Marasas, W F O *Onderstepoort J Vet Res* 39 (2): 107-111. Ref. June 1972

075781 41.8 ON1
Staphylococcal mastitis: phage types & patterns of Staphylococeus aureus. [Bovine]. Giesecke, W H *Onderstepoort J Vet Res* 39 (2): 87-96. Ref. June 1972

075782 41.8 ON1
Interferon induction by bluetongue virus & bluetongue virus ribonucleic acid. Eksteen, P A L *Onderstepoort J Vet Res* 39 (3): 125-132. Ref. Sept 1972

075783 41.8 ON1
Electron microscopic & serological studies on Simian virus S.A. 11 & 'related' O agent. Lecatsas, G *Onderstepoort J Vet Res* 39 (3): 133-138. Sept 1972

075784 41.8 ON1
Characterization of eight rough mutants of Salmonella gallinarum. [Chickens, fowl typhoid]. Cameron, C M *Onderstepoort J Vet Res* 39 (3): 139-146. Ref. Sept 1972

075785 41.8 ON1
An anthelmintic test for gastro-intestinal nematodes of cattle. Reinecke, R K *Onderstepoort J Vet Res* 39 (3): 153-178. Ref. Sept 1972

075786 41.8 ON1
Studies on schistosomiasis. 3. Detection of antibodies against Schistosoma mattheei by indirect immuno-fluorescent method. [Cattle, sheep]. Du Plessis, J L *Onderstepoort J Vet Res* 39 (3): 179-180. Sept 1972

075787 41.8 ON1
Clinical foot-and-mouth disease in African buffalo (Syncerus caffer). Young, E *Onderstepoort J Vet Res* 39 (3): 181-183. Sept 1972

075788 41.8 ON1
Studies on in vitro & in vivo transcription of bluetongue virus genome. Verwoerd, D W *Onderstepoort J Vet Res* 39 (4): 185-192. Ref. Dec 1972

075789 41.8 ON1
Visualization of extracapsid coat in certain bluetongue-type viruses. Lecatsas, G *Onderstepoort J Vet Res* 39 (4): 193-196. Dec 1972

075790 41.8 ON1
A mycotoxicosis of Equidae caused by Fusarium moniliforme Sheldon. A preliminary communication. Kellerman, T S *Onderstepoort J Vet Res* 39 (4): 205-208. Ref. Dec 1972

075791 100 OR3M
Foot rot research at Oregon State University – a progress report. [Sheep, Fusiformis nodosus]. Snyder, S P *Oreg Agr Exp Sta Spec Rep* 382: 37-43. May 1973

075792 100 OR3M
Immunization for bovine viral respiratory diseases. Schmitz, J A *Oreg Agr Exp Sta Spec Rep* 384: 1-8. May 1973

075793 448.8 P21
Nature of resistance of immune puppies to superinfection with Toxocara canis: evidence that immunity affects secondbut not fourth-stage larvae. Fernando, S T *Parasitology* 66 (3): 415-422. June 1973

075794 448.8 P21
Tissue fluid in rabbits infected with Trypanosoma (Trypanozoon) brucei. Goodwin, L G *Parasitology* 66 (3): 499-513. Ref. June 1973

075795 448.8 P21
East Coast fever: correlation between morphology & infectivity of Theileria parva developing in its tick vector. [Rhipicephalus appendiculatus, rabbits, cattle]. Purnell, R E *Parasitology* 66 (3): 539-544. June 1973

075796 41.8 P76
Investigations on standardization of antiglobulin (Coombs) test applied in serodiagnosis of cattle brucellosis. III. Attempt of determination of optimal method for production of antiglobulin serum & of int (Pol) Krolak, M *Pol Arch Weter* 15 (4): 665-678. Ref. Eng. Sum. 1972

075797 41.8 P76
Susceptibility of Escherichia coli strains to nitrofurans with special reference to acquiring resistance in vitro. [Pigs]. (Pol) Borkowska-Opacka, B *Pol Arch Weter* 15 (4): 679-688. Ref. Eng. Sum. 1972

075798 41.8 P76
Investigation of some immunity parameters in different physiological conditions & after infection with rabies virus in sheep, iI. Development of some immunity parameters in lambs. (Pol) Sommer, E *Pol Arch Weter* 16 (1): 105-114. Ref. Eng. Sum. 1973

075799 41.8 P76
Investigation of some immunity parameters in different physiological conditions & after infection with rabies virus in sheep. (Pol) Sommer, E *Pol Arch Weter* 16 (1): 115-119. Eng. Sum. 1973

075800 41.8 P76
Attempts at obtaining & assessment of efficacy of a heterologous (measles) vaccine against distemper. [Dogs, fur-bearing animals]. (Pol) Gorski, J *Pol Arch Weter* 16 (1): 121-132. Ref. Eng. Sum. 1973

075801 41.8 P76
Investigations on standardization of antiglobulin (Coombs) test applied in serodiagnosis of cattle brucellosis. IV. Proposition of country standardization of the test – technical procedure and interpretation of res (Pol) Wisniowski, J *Pol Arch Weter* 16 (1): 31-45. Ref. Eng. Sum. 1973

075802 41.8 P76
Problem of insoluble antigens for identification of Clostridium botulinum. II. Agglutination & haemagglutination studies & complement fixation reaction. (Pol) Cygan, Z *Pol Arch Weter* 16 (1): 42-64. Eng. Sum. 1973

075803 41.8 P76
Investigation of some immunity parameters in different physiological conditions & after infection with rabies virus in sheep. III. Effect of pregnancy & seasons of year. (Pol) Sommer, E *Pol Arch Weter* 16 (1): 95-104. Ref. Eng. Sum. 1973

075804 47.8 AM33P
Marek's disease in Japanese quail (Coturnix coturnix japonica). Dutton, R L *Poultry Sci* 52 (1): 139-143. Jan 1973

075805 47.8 AM33P
Turkey Leucocytozoon infection. 1. A rapid diagnostic staining method. Solis, J *Poultry Sci* 52 (1): 344-346. Jan 1973

075806 47.8 AM33P
Survival & disinfection of Marek's disease virus & effectiveness of filters in preventing airborne dissemination. [Chickens]. Calnek, B W *Poultry Sci* 52 (1): 35-43. Ref. Jan 1973

075807 47.8 AM33P
Immunization of chickens for control of infectious bursal disease. Edgar, S A *Poultry Sci* 52 (2): 492-497. Ref. Mar 1973

075808 47.8 AM33P
Nonsusceptibility of some avian species to turkey Leucocytozoon [smith] infection. Solis, J *Poultry Sci* 52 (2): 498-500. Ref. Mar 1973

075809 47.8 AM33P
Susceptibility of mammalian (hamster) cell culture to infection with type II Leukosis virus (JM). Bedigian, H G *Poultry Sci* 52 (2): 530-535. Ref. Mar 1973

075810 47.8 AM33P
Effect of feed medicaments on bacterial infections in ducklings. Price, J I *Poultry Sci* 52 (2): 549-558. Ref. Mar 1973

075811 47.8 AM33P
Inheritance of resistance to subgroup C leukosis-sarcoma viruses in New Hampshire chickens. Motta, J V *Poultry Sci* 52 (2): 578-586. Ref. Mar 1973

075812 47.8 AM33P
Horizontal transmission of turkey herpesvirus to chickens. 2. Some factors affecting transmission. Cho, B R *Poultry Sci* 52 (2): 608-613. Mar 1973

075813 47.8 AM33P
Salmonella in laying hen. 1. Salmonella recovery from viscera, feces & eggs following oral inoculation. Cox, N A *Poultry Sci* 52 (2): 661-666. Ref. Mar 1973

075814 47.8 AM33P
Resistance potential of certain breeds of domestic fowl exposed to Raillietina tetragona infections. 7. Effect of cortisone on R. tetragona. Nadakal, A M *Poultry Sci* 52 (2): 682-687. Ref. Mar 1973

075815 47.8 AM33P
Chicken transferrin: high levels in chickens with reticuloendothelial virus disease. Torres-Medina, A *Poultry Sci* 52 (2): 747-754. Ref. Mar 1973

075816 47.8 AM33P
Effect of antibiotics on turkey herpesvirus vaccine. Eidson, C S *Poultry Sci* 52 (2): 755-760. Ref. Mar 1973

075817 47.8 AM33P
Regression of Rous sarcomas in two lines of chickens. Cotter, P F *Poultry Sci* 52 (2): 799-800. Mar 1973

075818 41.8 P882
Toxoplasmosis in humans & animals at present time. (Ger) Scupin, E *Prakt Tierarzt* 53 (11): 549-552. Ref. Nov 1, 1972

075819 RC114.5.P7
Conditional-lethal mutants of animal viruses. Ghendon, Y Z *Prog Med Virol* 14: 68-122. Ref. 1972

075820 S19.P7
Prevent viral diseases of poultry by vaccination. Kansal, M L *Progr Farming* 9 (9): 14-17. May 1973

075821 100 N27N
Heartworm infection. [Dirofilaria immitis, dogs]. Ferguson, D L *Q Serv Farm Ranch & Home Univ Nebr, Coll Agric* 20 (1): 15-16. Spring 1973

075822 41.8 R24
Comparative study of effects of bitin 'S', nitroxynil & rafoxanide on hepatic function. [Rats, mice]. (Fre) Le Bars, H *Rec Med Vet* 149 (3): 329-336. Eng. Sum. Mar 1973

075823 41.8 R24
Marek's disease: Long term results obtained with three vaccines. [Poultry]. (Fre) Willemart, J P *Rec Med Vet* 149 (3): 349-361. Eng. Sum. Mar 1973

075824 41.8 R24
Antirabies vaccination of animals in France. (Fre) Toma, B *Rec Med Vet* 149 (4): 445-453. Eng. Sum. Apr 1973

075825 41.8 R24
Worrisome development of Aujeszky's disease in swine in department of Cotes-du-Nord. (Fre) Turdu, Y Le *Rec Med Vet* 149 (4): 467-484. Map. Ref. Eng. Sum. Apr 1973

075826 41.8 R312
Chemotherapeutic evaluation of trimethoprim & sulphonamides in experimental salmonellosis of sheep. White, G *Res Vet Sci* 14 (2) 245-254. Ref. Mar 1973

075827 41.8 R312
Experimental studies of epidemiology of bovine herpes mammillitis. Gibbs, E P J *Res Vet Sci* 14 (2): 139-144. Ref. Mar 1973

075828 41.8 R312
A laboratory technique for studying mechanical transmission of bovine herpes mammillitis virus by stable fly (Stomoxys calcitrans L.). Gibbs, E P J *Res Vet Sci* 14 (2): 145-147. Mar 1973

075829 41.8 R312
Attempts to demonstrate a 'host antigen' effect by experimental transfer of adult Fasciola hepatica into recipient animals immunised against donor. Hughes, D L *Res Vet Sci* 14 (2): 151-154. Ref. Mar 1973

075830 41.8 R312
Ultrastructural changes in experimental enzootic pneumonia of pigs. Baskerville, A *Res Vet Sci* 14 (2): 155-160. Ref. Mar 1973

075831 41.8 R312
In vivo & in vitro studies with T1 strain of Mycoplasma mycoides in cattle. Masiga, W N *Res Vet Sci* 14 (2): 180-186. Ref. Mar 1973

075832 41.8 R312
Serological response of chickens, rabbits & guinea-pigs to equine influencz vaccines. Frerichs, G N *Res Vet Sci* 14 (2): 187-193. Mar 1973

075833 41.8 R312
Pathology & aetiology of turkey syndrome '65 (T.S.65). [Perosis, Mycoplasma meleagridis]. Wise, D R *Res Vet Sci* 14 (2): 194-200. Ref. Mar 1973

075834 41.8 R312
Fungi isolated from bovine mycotic abortion & pneumonia with special reference to Mortierella wolfii. Carter, M E *Res Vet Sci* 14 (2): 201-206. Mar 1973

075835 41.8 R312
Use of antiglobulin test in diagnosis of bovine brucellosis. Beh, K J *Res Vet Sci* 14 (2): 209-244. Ref. Mar 1973

075836 41.8 R312
Studies on swinepox virus: fluorescence & light microscopy of infected cell cultures. Garg, S K *Res Vet Sci* 14 (2): 216-219. Ref. Mar 1973

075837 41.8 R312
Experimental transfer of immature Fasciola hepatica from donor mice & hamsters to rats immunised against donors. Hughes, D L *Res Vet Sci* 14 (2): 220-222. Mar 1973

075838 41.8 R312
Histopathology of experimental pneumonia in pigs produced by Aujeszky's disease virus. Baskerville, A *Res Vet Sci* 14 (2): 223-228. Ref. Mar 1973

075839 41.8 R312
Ultrastructural changes in lungs of pigs infected with Aujeszky's disease virus. Baskerville ,A *Res Vet Sci* 14 (2): 229-233. Ref. Mar 1973

075840 41.8 R312
Enterovirus neutralizing activity in milk of sows. Derbyshire, J B *Res Vet Sci* 14 (2): 257-259. Ref. Mar 1973

075841 41.8 R312
Virulence of Mycoplasma gallisepticum for embryonated fowl eggs. Power, J *Res Vet Sci* 14 (2): 259-261. Mar 1973

075842 41.8 R312
Parenteral infection of laboratory animals with metacercariae of Fasciola hepatica. Movesijan, M *Res Vet Sci* 14 (2): 265-266. Mar 1973

075843 41.8 R312
Duration of serological response to indirect fluorescent antibody test of cattle recovered from Theileria parva infection. Burridge, M J *Res Vet Sci* 14 (2): 270-271. Mar 1973

075844 41.8 R3227
A 'resistance factor' of tick 'Boophilus micropius' (Can.), Lah. to organo (Spa) Cisale, H O *Rev Invest Agropecuar Ser 4 Patol Anim* 9 (1): 1-23. Ref. Eng. Sum. 1972

075845 41.8 R32
A note on activity of a new anthelmintic preparation based on Dechlorvos in piglet. (Fre) Duret, F *Rev Med Vet (toulouse)* (New Ser. 124) 36 (3): 327-331. Eng. Sum. Mar 1973

075846 41.8 R32
Classification of viruses pathogenic to animals [Livestock]. (Fre) Joubert, L *Rev Med Vet (toulouse)* 124 (5): 635-639. Eng. Sum. May 1973

075847 41.8 R32
About enzootic abscess incidence on udder & fattening pasture lambs in Iran. (Fre) Hedjazi, M *Rev Med Vet (toulouse)* 124 (5): 679-684. Eng. Sum. May 1973

075848 41.8 R32
A study of pollution of new-laid eggs of hen, duck & goose. [Escherichia, Salmonella]. (Fre) Kohnechahri, M *Rev Med Vet (toulouse)* 36 (4): 485-488. Eng. Sum. Apr 1973

075849 41.8 R32
Necessity of a brucellosis regional prophylaxis: Adapation of sanitary measures & serology processes to infection rate of districts. [Sheep, cattle]. (Fre) Strohl, A *Rev Med Vet (toulouse)* 36 (4): 515-540. Eng. Sum. Apr 1973

075850 SF1.R54
New environmental diseases associated with antibiotics & chemotherapy. [Livestock]. (Ita) Ballarini, G *Rilancio Agric Vet Zootec* 4 (7): 10-13. 1972

075851 50.8 R322
Geneva study days of food hygiene: Animal toxoplasmosis & listeriosis & food hygiene. [Toxoplasma gondii, Listeria monocytogenes]. (Fre) Abdussalam, M *RTva (rev Tech Vet Abattoirs Hyg Aliment)* 11 (93): 24-26. Ref. Mar 1973

075852 275.249 SO8
Tick fever (spirochaetosis). [Poultry]. *S Aust Dep Agr Ext Bull* 43, 4 P. 1972

075853 450 SA8
An epizootic of dermatophytosis caused by Trichophyton simii in poultry. Gugnani, H C *Sabouraudia* 11 (1): 1-3. Ref. Mar 1973

075854 41.8 SCH9
Study on calf neonatal diarrhea: Enterotoxic activity of Escherichia coli from calves dead of diarrhea. (Fre) Corboz, L *Schweiz Arch Tierheilk* 115 (4): 149-159. Ref. Eng. Sum. Apr 1973

075855 41.8 SCH9
Spontaneous death as a result of mucormycosis of forestomach in cattle. [Absidia corymbifera]. (Ger) Pohlenz, J *Schweiz Arch Tierheilk* 115 (4): 161-168. Ref. Eng. Sum. Apr 1973

075856 S13.S55
Diagnostic significance of use of allergens ('provocation') in cases of sheep brucellosis. (Rus) Glotov, G N *Sib Vestn S-kh Nauk* 1: 56-61. Jan/Feb 1973

075857 S13.S55
Some results of controlling white muscle disease in livestock of Far East. [Cattle, sheep, poultry]. (Rus) Tarabrin, P A *Sib Vestn S-kh Nauk* 1: 61-64. Jan/Feb 1973

075858 442.9 SO1
Influence of temperature on glutamate catabolism & glycogen production by organisma of genus Chlamydia. [Chicken]. Page, L A *Soc Exp Biol Med Proc* 143 (1): 73-76. Ref. May 1973

075859 46.8 SU3
Ill-timed alarm for protection of pigs? [Diseases, prevention]. (Ita) Diffidenti, G A *Suinicoltura* 14 (3): 9-10. Mar 1973

075860 41.8 F49
Stenosis of naso-lacrimal duct in horse. (Fin) Jussila, J *Suomen Elainlaakarilehti* 79 (4): 231-237. Ref. Eng. Sum. 1973

075861 41.9 SV23
Epizootological observations & veterinarian's approach. (Swe) Hugoson, G *Svensk Veterinartidn* 25 (10): 353-354. May 1973

075862 49 J822
A study on porcine pneumonias in slaughter houses. Liu, C I *Taiwan Ass Anim Husb Vet Med J* 20: 18-36. Ref. June 1972

075863 49 J822
Efficacy of antibiotics against experimental infection with Leptospira australis A in mice as determined by RMAT. [Rapid microscopic agglutination test]. Ryu, E *Taiwan Ass Anim Husb Vet Med J* 20: 37-43. Ref. June 1972

075864 49 J822
Investigation of leptospiral agglutinin of animals in raising farms of Taiwan Sugar Corporation using R.M.AT. [Rapid microscopic agglutination test]. (Chi) Ryu, E *Taiwan Ass Anim Husb Vet Med J* 20: 44-49. Ref. Eng. Sum. June 1972

075865 41.9 T23
Experimental treatment of a case of glaucoma in a dog. (Per) Ranjbar, M A *Tehran Univ Vet Fac J* 28 (4): 85-92. Eng. Sum. Jan 1973

075866 41.8 T445
Occurrence of lymphocytic choriomeningitis virus in golden hamster breeds. (Ger) Forster, U *Tierarztl Umsch* 28 (5): 219-223. Ref. May 1, 1973

075867 41.8 T445
Treatment of stomach worm infection of grazing cattle with ten percent solution of Parbendazol. (Ger) Puymann, P *Tierarztl Umsch* 28 (5): 242-243. May 1, 1973

075868 49 T445
Maedi, a new infectious disease in German sheep stocks. (Ger) Behrens, H *Tierzuchter* 25 (3): 108, 110, 116. Mar 5, 1973

075869 41.8 T431
Experimental escherichia coli mastitis in cattle, its pathogenisis & treatment. Said, A H *Tijdschr Diergeneesk* 98 (8): 387-396. Ref. Apr 15, 1973

075870 41.8 T431
Developement of a comparative test with equal concentrations of avian & bovine PPD [purified protein derivative] tuberculin for cattle. Huitema, H *Tijdschr Diergeneesk* 98 (8): 396-407. Apr 15, 1973

075871 41.8 T431
Erysipelothrix rhusiopathiae strain 7, a causative agent of endocarditis & arthritis in dog. Goudswaard, J *Tijdschr Diergeneesk* 98 (8): 416-423. Ref. Apr 15, 1973

075872 41.8 T431
Presence of antibiotics in kidneys & udders of non-lactating non-pregnant cows treated with so-called long-acting antibiotics. [Mastitis]. (Dut) Jaartsveld, F H J *Tijdschr Diergeneesk* 98 (9): 450-451. Eng. Sum. May 1, 1973

075873 20 V633
Water-soluble proteins & free amino acids in leukocytes of cattle affected with leukosis. (Rus) Laktionov, A M *Vestn Sel'skokhoz Nauk (moscow)* 10: 80-86. Eng. Sum. Oct 1972

075874 20 V633
Disinfecting poutry houses & equipment in relation to cases of typhus. (Rus) Aladashvili, A Z *Vestn Sel'skokhoz Nauk (moscow)* 4: 137-138. Apr 1973

075875 41.8 V6456
Clinical aspects of infectious infertility. [Livestock]. Boyd, H *Vet Annu* 13Th: 299-308. Ref. 1972 (Pub. 1973)

075876 41.8 V6456
Anthelmintics. Gibson, T E *Vet Annu* 13Th: 309-315. Ref. 1972 (Pub. 1973)

075877 41.8 V6456
Recent developments in Escherichia coli enteric diseases of pigs. Arbuckle, J B R *Vet Annu* 13Th: 42-46. Ref. 1972 (Pub. 1973)

075878 41.8 V6456
Recent advance in vaccination against Ercherichia coli diarrhoea in pigs. Wilson, M R *Vet Annu* 13Th: 47-52. Ref. 1972 (Pub. 1973)

075879 41.8 V6456
Lactational failure in sow with special reference to Klebsiella mastitis. Lake, S G *Vet Annu* 13Th: 53-56. Ref. 1972 (Pub. 1973)

075880 41.8 C87
On diffusion of larval oesophagostomiasis (Oesophagostomum (Bosicola) radiatum Rudolphy, 1803) of buffalo in Campania. (Ita) Rivellini, P *Vet Ital* 23 (7/8): 413-422 ref. July/Aug 1972

075881 41.8 C87
Investigation on sylvatic rabies within promontory of Gargano. (Ita) Goffredo, G *Vet Ital* 23 (7/8): 427-434. Ref. July-/Aug 1972

075882 41.8 C87
Melioidosis (or pseudoglanders). [Livestock, Malleomyces pseudomallei]. (Ita) Corsalini, T *Vet Ital* 23 (7/8): 466-478. Ref. July/Aug 1972

075883 41.8 C87
Influence of magnesium chloride on formation of plaques by bovine adenovirus on testicular cells of calf. (Ita) Tozzini, F *Vet Ital* 23 (9/10): 513-522. Ref. Sept-/Oct 1972

075884 41.8 V6468
On morphologic changes in bursa of Fabricius & thymus in birds affected with Marek's disease, & their diagnostic value. [Chickens]. (Bul) Enchev, S *Vet Med Nauk* 10 (2): 29-38. Ref. Eng. Sum. 1973

075885 41.8 V6468
New data on virus causing cancer. [Livestock]. (Bul) Rusev, Kh *Vet Med Nauk* 10 (2): 3-15. Ref. 1973

075886 41.8 V6468
Studies on resistenance of mycobacteria. [Cattle]. (Bul) Savov, N *Vet Med Nauk* 10 (2): 39-49. Ref. Eng. Sum. 1973

075887 41.8 V6468
Studies on infectious atrophic rhinitis in pigs in Bulgaria. (Bul) Mermerski, K M *Vet Med Nauk* 10 (2): 59-68. Ref. Eng. Sum. 1973

075888 41.8 V6468
On changes in protein fractions of blood sera of chickens vaccinated against pasteurellosis. (Bul) Zhokovski, N *Vet Med Nauk* 10 (2): 75-81. Ref. Eng. Sum. 1973

075889 41.8 V6468
Comparative testing of saponin vaccines against Aujeszky's disease. [Rabbits, sheep, pigs]. (Bul) Simeonov, S *Vet Med Nauk* 10 (2): 83-88. Eng. Sum. 1973

075890 41.8 V6468
Study on therapeutic effect of santamon in swine ascariasis. (Bul) Tsanov, T S S *Vet Med Nauk* 10 (2): 95-100. Eng. Sum. 1973

075891 41.8 M69
Clinical evaluation of a new corticosteroid in treatment of canine dermatitis. Gunderson, G R *Vet Med/small Anim Clin* 68 (4): 339, 342. Apr 1973

075892 41.8 M69
Intraocular cryptococcosis in a dog. Lipton, D E *Vet Med/small Anim Clin* 68 (4): 357-359. Apr 1973

075893 41.8 M69
Mycoplasma in a cat colony. Schneck, G *Vet Med/small Anim Clin* 68 (4): 381-382. Apr 1973

075894 41.8 M69
Verminous arteritis in a mare. Garner, H E *Vet Med/small Anim Clin* 68 (4): 408-409, 411. Apr 1973

075895 41.8 M69
Bovine virus diaarhea associated with severe pneumotropism. Woods, G T *Vet Med/small Anim Clin* 68 (4): 418, 420, 422. Apr 1973

075896 41.8 M69
Successful treatment of inhalant allergic dermatitis with aqueous hyposensitization. [Dogs]. Breen, P T *Vet Med/small Anim Clin* 68 (5): 465-466. May 1973

075897 41.8 M69
A study of toxoplasma infections in cats as detected by indirect fluorescent antibody method. McKinney, H R *Vet Med/-small Anim Clin* 68 (5): 493-495. May 1973

075898 41.8 M69
Fatal volvulus in a puppy. Tvedten, H W *Vet Med/small Anim Clin* 68 (5): 506-507, 510. May 1973

075899 41.8 M69
An economic approach to treatment of bovine tetanus. [Clostridium tetani]. Stouder, W C *Vet Med/small Anim Clin* 68 (5): 523-524. May 1973

075900 41.8 M69
Suppression & control of bovine coccidiosis with Aurero-S-700 medication in feed. Todd, A C *Vet Med/small Anim Clin* 68 (5): 527-530, 533. Ref. May 1973

075901 41.8 M69
Effect of tylosin and sulfamethazine on experimentally-infuced bacterial swine pneumonia. Ose, E E *Vet Med/small Anim Clin* 68 (5): 539-543. Ref. May 1973

075902 41.8 M69
Effect of tylosin & sulfamethazine on naturally-occurring bacterial pneumonia in swine. Sampson, G R *Vet Med/small Anim Clin* 68 (5): 543-544. May 1973

075903 41.8 M69
Efficacy of mebendazole as an anthelmintic in horses. Bennett, D G *Vet Med/-small Anim Clin* 68 (6): 604, 607, 609. June 1973

075904 41.8 M69
Laboratory diagnosis of transmissible gastroenteritis by immunofluorescence. [Swine]. Roberts, A W *Vet Med/small Anim Clin* 68 (6): 612, 614. June 1973

075905 41.8 V641
Recent advances in epidemiology & control of parasitic gastroenteritis in sheep. Gibson, T E *Vet Rec* 92 (18): 469-473. Ref. May 5, 1973

075906 41.8 V641
Abortion associated with Brucella abortus (biotype 1) in T.B. Mare. Robertson, F J *Vet Rec* 92 (18): 480-481. May 5, 1973

075907 41.8 V641
Hepatic ascariasis in lambs. Harcourt, R *Vet Rec* 92 (18): 482-483. May 5, 1973

075908 41.8 V641
Evaluation of a two-channel automated system for sero-diagnosis of brucellosis. Miller, J K *Vet Rec* 92 (19): 492-496. Ref. May 12, 1973

075909 41.8 V641
Babesiasis on Island of Arran, Scotland. [Cattle]. Latif, B M A *Vet Rec* 92 (19): 496-498. Map. May 12, 1973

075910 41.8 V641
Dairy herd environment & control of mastitis. Brander, G C *Vet Rec* 92 (19): 501-506. May 12, 1973

075911 41.8 V641
A further sutdy of epidemiology of ovine fascioliasis in Scotland & its control using molluscicide. Bruce, R G *Vet Rec* 92 (20): 518-526. May 19, 1973

075912 41.8 V641
Serum immune globulin levels in lambs under a week old. Findlay, C R *Vet Rec* 92 (20): 530-532. May 19, 1973

075913 41.8 V641
Further observations on maintenance of a monospecific infection of Strongylus vulgaris in horse. Duncan, J L *Vet Rec* 92 (20): 533-534. May 19, 1973

075914 41.8 V641
Bovine parasitic gastro-enteritis/bronchitis: growth responses & disease control following routine anthelmintic treatment of clinical infections in grazing animals. Cornwell, R L *Vet Rec* 92 (21): 551-554. May 26, 1973

075915 41.8 V641
Agent possibly associated with swine dysentery & antigenic relationship with borrelia canis. Goudswaard, J *Vet Rec* 92 (21): 562-563. May 26, 1973

075916 41.8 V641
Speed of resistance to challenge induced in chickens vaccinated by different routes with a B1 strain of live NDV. [Newcastle disease virus]. Gough, R E *Vet Rec* 92 (21): 563-564. Ref. May 26, 1973

075917 41.8 V641
Non-specific agglutination of Mycoplasma gallisepticum. [Poultry]. Bradbury, J M *Vet Rec* 92 (22): 591-592. Ref. June 2, 1973

075918 41.8 V6463
Helminths & helminthosis in hens of Shumen & Turgovishchko districts. (Bul) Stoimenov, K *Vet Sbirka* 11: 17-24. 1972

075919 41.8 V6463
About age of fetus, presence of agent & seasonal occurrence of vibrionic miscarriage in cows. (Bul) Ganchev, G *Vet Sbirka* 69 (9): 14-169 1972

075920 41.8 V6499
Efficiency of an inactivated vaccine against calf colibacillosis. Pignattelli, P *Veterinaria (milano)* 21 (5/6): 223-234 Sept/Dec 1972

075921 41.8 V6499
Isolation of virus of infectious bovine rhinotracheitis & Listeria monocytogenes from bovine fetus. (Ita) Epstein, B *Veterinaria (milano)* 21 (5/6): 235-238. Eng. Sum. Sept/Dec 1972

075922 41.8 V6499
Mycoplasmosis in man, small runinants, rodents, dogs & cats. (Ita) Mondino, G *Veterinaria (milano)* 21 (5/6): 249-254. Ref. Sept/Dec 1972

075923 41.8 V6426
Immunofluorescence of Vibrio fetus. (Rus) Poliakova, O A *Veterinariia* 10: 117-118. Oct 1972

075924 41.8 V6426
Survivability of neoplastic viruses in feeds. (Rus) Dzhibilov, I I *Veterinariia* 10: 30-31. Oct 1972

075925 41.8 V6426
Disinfestation of soil of poultry runs with use of vapam. (Rus) Kotel'nikov, G A *Veterinariia* 10: 33-35. Oct 1972

075926 41.8 V6426
Trichomoniasis in cattle. (Rus) Genika, L V *Veterinariia* 10: 48-50. Oct 1972

075927 41.8 V6426
Proteins & fractions in blood serum in cases of mastitis. [Cattle]. (Rus) Shafran, R S *Veterinariia* 10: 53-54. Oct 1972

075928 41.8 V6426
On diagnosing adenovirus infection in cattle. (Rus) Chevelev, S F *Veterinariia* 10: 55-57. Oct 1972

075929 41.8 V6426
Immunological reactions to vaccine strains of Brucella of varying virulence in sheep. (Rus) Shumilov, K V *Veterinariia* 10: 58-61. Oct 1972

075930 41.8 V6426
Serological properties of enteroviruses isolated from swine. (Rus) Romanenko, V F *Veterinariia* 10: 61-62. Oct 1972

075931 41.8 V6426
Immunogenesis in relation to experimentally induced swine erysipelas. (Rus) Vel', L P *Veterinariia* 10: 62-63. Oct 1972

075932 41.8 V6426
Heighth of antibody titers in livestock infected with leptospirosis. [Swine, sheep]. (Rus) Kirpichev, A F *Veterinariia* 10: 63-64. Oct 1972

075933 41.8 V6426
Antigenic variability of re-combinations of Escherichia coli K-12 in vivo. [Veterinary medicine]. (Rus) Intizarov, M M *Veterinariia* 10: 64-66. Oct 1972

075934 41.8 V6426
Epizootiological nature of territory of Moldavia. [Infectious diseases, livestock]. (Rus) Pomirko, G I *Veterinariia* 10: 67-68. Oct 1972

075935 41.8 V6426
Resistance of calves to infection by Deplococcus. (Rus) Mai, V V *Veterinariia* 10: 68-69. Oct 1972

075936 41.8 V6426
On preventing tapeworm disease of farms. [Cattle]. (Rus) Gorobets, A *Veterinariia* 10: 69-70. Oct 1972

075937 41.8 V6426
Bacteria vectors in cases of reindeer necrobacillosis. (Rus) Maslukhina, A G *Veterinariia* 10: 70-71. Oct 1972

075938 41.8 V6426
Systems of complex vaccinatin of swine. [Infectious diseases]. (Rus) Pritulin, P I *Veterinariia* 10: 71-73. Oct 1972

075939 41.8 V6426
Study of enzootic pneumonia in swine. (Rus) Vishniakova, L A *Veterinariia* 10: 73-75. Oct 1972

075940 41.8 V6426
Metabolism of myoglobin in cases of edema disease in baby pigs. (Rus) Lyzhina, V A *Veterinariia* 10: 76-77. Oct 1972

075941 41.8 V6426
Poultry influenza. (Rus) Ibragimov, A A *Veterinariia* 10: 77-80. Oct 1972

075942 41.8 V6426
Therapy & prophylaxis against ringworm in fur-bearing animals. (Rus) Sarkisov, A Kh *Veterinariia* 10: 81-82. Oct 1972

075943 41.8 V6426
Prophylaxis of farms against lungworm infestations. [Cattle]. (Rus) Burakauskas, A A *Veterinariia* 10: 86-87. Oct 1972

075944 41.8 V6426
Comparative evaluation of methods for diagnosing ascariasis in swine. (Rus) Kotel'nikov, G A *Veterinariia* 10: 87-89. Oct 1972

075945 41.8 V6426
Effect of X-rays on virulence of Theileria annulata. [Cattle]. (Rus) Abramov, I V *Veterinariia* 10: 91-93. Oct 1972

075946 41.8 V6426
Study of toxoplasmosis in cattle. (Rus) Timofeev, B A *Veterinariia* 10: 93-95. Oct 1972

075947 41.8 V6439
Attenuation of liver fluke disease by comvination of rapy & molluscocides in Vsetin area. [Fasciola hepatica]. (Cze) Willomitzer, J *Veterinarstvi* 23 (3): 104-108. 1973

075948 41.8 V6439
Determination of invasive larvae of some cattle nematodes. (Cze) Tvaroch, B *Veterinarstvi* 23 (3): 109-111. 1973

075949 41.8 V6439
Evaluation of Terenol effectiveness against tapeworm Moniezia sp. in lambs. (Slo) Andrasko, H *Veterinarstvi* 23 (3): 117-118. 1973

075950 41.8 V6439
Effectiveness of terenol in paramfistosis of cattle. [Liorchi, scotiae]. (Slo) Pacenovsky, J *Veterinarstvi* 23 (3): 119-120. 1973

075951 41.8 V6439
Re-examination of Destonate 20 antibiotic in fowl affected by nematodosis. (Slo) Birova, V *Veterinarstvi* 23 (3): 121-122. 1973

075952 41.8 V6439
Adiaspiromycosts, a common mycotic disease of small mammals & its importance in veterinary medicine. (Cze) Prokopic, J *Veterinarstvi* 23 (3): 129-130. 1973

075953 41.8 V6439
Contribution to serological findings related to infectious bovine rhinotracheitis & infectious pneumonia viruses in cattle in eastern Slovakis. (Cze) Flesar, M *Veterinarstvi* 23 (4): 151-152. 1973

075954 41.8 V6439
Some aspects of causes & symptoms of atrophic rhinitis in swine. (Cze) Kalafa, S *Veterinarstvi* 23 (4): 165-167. 1973

075955 41.8 V6439
Field experiments with use of TVM-1 vaccine against swine fever in large-scale pig farms. (Cze) Jerabek, J *Veterinarstvi* 23 (4): 168-169. 1973

075956 41.8 V6439
Oncornaviruses (leucoviruses) & their properties. (Cze) Lesnik, F *Veterinarstvi* 23 (4): 170-171. 1973

075957 448.8 V81
Isolation of structural polypeptides of foot-and-mouth disease virus & analysis of their c [carbon]-terminal sequences. Bachrach, H L *Virology* 52 (2): 520-528. Ref. Apr 1973

075958 448.8 V81
Measurement of endogenous leukosis virus nucleotide sequences in DNA of normal avian embryos by RNA-DNA hybridization. [Chickens]. Neiman, P E *Virology* 53 (1): 196-203. Ref. May 1973

075959 41.9 V83
On feasibility of simultaneous vaccination against leptospirosis, salmonellosis & pasteurelosis in swine. (Rus) Shpakovskii, A A *Vitebsk Vet Inst Uch Zap* 25: 11-14. 1972

075960 41.9 V83
Effect of agar-tissue preparation & cobalt sulfate on immunobiological reactivity of swine. (Rus) Sapozhkov, S V *Vitebsk Vet Inst Uch Zap* 25: 123-131. 1972

075961 41.9 V83
On feasibility of associated vaccination against hog cholera, swine erysipelas & anthrax in experiments on laboratory animals. [swine]. (Rus) Petrov, V F *Vitebsk Vet Inst Uch Zap* 25: 15-19. 1972

075962 41.9 V83
Histochemical study of amount of vitamin C (ascorbic acid) in certain organs of swine with associated & separate vaccinations against hog cholera & swine erysipelas. (Rus) But'ianov, D D *Vitebsk Vet Inst Uch Zap* 25: 19-22. 1972

075963 41.9 V83
On role of Mycoplasma in occurrence of enzootic pneumonia of swine. (Rus) Kol'tsova, T G *Vitebsk Vet Inst Uch Zap* 25: 22-28. 1972

075964 41.9 V83
Sensitivity to antibiotics & their combinations of some serotypes of Escherichia coli isolated in Vitebsk Region. [Swine]. (Rus) Kol'tsova, T G *Vitebsk Vet Inst Uch Zap* 25: 28-34. 1972

075965 41.9 V83
Liver flukes of ruminants in Algeria. (Rus) Maiorov, B A *Vitebsk Vet Inst Uch Zap* 25: 35-37. 1972

075966 41.9 V83
On survivability of pathogen of balantidiasis of swine in swine houses & yards. (Rus) Goncharov, S K *Vitebsk Vet Inst Uch Zap* 25: 40-43. 1972

075967 41.9 V83
Biochemical indices of meat of geese infested with helminths as well as cestodes, nematodes & trematodes. (Rus) IAskevich, T F *Vitebsk Vet Inst Uch Zap* 25: 50-56. 1972

075968 41.9 V83
Effect of tetracycline on immunobiological reaction of organism in vaccinating baby pigs against salmonellosis. (Rus) Chernigov, V D *Vitebsk Vet Inst Uch Zap* 25: 69-76. 1972

075969 41.9 V83
On dates of onset of immunity to leptospirosis in swine with use of combined vaccination against hog cholera, swine erysipelas & leptospirosis. (Rus) Petrov, V F *Vitebsk Vet Inst Uch Zap* 25: 7-11. 1973

075970 41.9 V83
Proteins of blood serum of calves infected with catarrhal bronchopneumonia. (Rus) Kholod, V M *Vitebsk Vet Inst Uch Zap* 25: 92-97. 1972

075971 20 AK1
Effects of different doses of antibiotics on immunity in salmonellosis. [Rabbits]. (Rus) Kadymov, R A *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 4: 34-36. Apr 1973

075972 20 AK1
Serological typing of strains of Escherichia coli isolated from swine. (Rus) Dudnitskii, I A *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 4: 37-38. Ref. Apr 1973

075973 436.8 W63
Scientific achievements of Zbigniew Kozar: Toxoplasmosis. [Toxoplasma gondii]. Szaflarski, J *Wiad Parazytol* 19 (1): 17-19. 1973

075974 436.8 W63
Scientific achievements of Zbigniew Kozar: Trichinellosis. [Trichinella spiralis. Ramisz, A *Wiad Parazytol* 19 (1): 21-37. 1973

075975 436.8 W63
Scientific achievements of Zbigniew Kozar: Parasitological immunology. Karmanska, K *Wiad Parazytol* 19 (1): 39-49. 1973

075976 436.8 W63
Zbigniew Kozar (1918 – 1972). [Parasitologists]. *Wiad Parazytol* 19 (1): 5-6. 1973

075977 436.8 W63
Editorial work of Zbigniew Kozar. [Parasitologists]. Jara, Z *Wiad Parazytol* 19 (1): 51-53. 1973

075978 436.8 W63
Zbigniew Kozar as a scientist actively engaged in field of parasitology. Grabda, E *Wiad Parazytol* 19 (1): 55-59. 1973

075979 436.8 W63
Complete list of publications written by Zbigniew Kozar. [Parasitologists]. Kozar, M *Wiad Parazytol* 19 (1): 61-84. 1973

075980 436.8 W63
Scientific achievements of Zbigniew Kozar: Medical & veterinary helminthology. Bezubik, B *Wiad Parazytol* 19 (1): 9-15. 1973

075981 SF191.W6
Brucellosis in goats & sheep. Alton, G G *World Anim Rev* 5: 16-20. 1973

075982 SF191.W6
Mastitis control – development of a simple & practical control routine. Dodd, F H *World Anim Rev* 5: 21-26. 1973

075983 442.8 Z33F
Effect of Strongyloides ransomi-infection on intestinal amino acid absorption in piglets. (Ger) Harmeyer, J *Z Parasitenk* 41 (1): 47-60. Ref. Eng. Sum. 1973

075984 448.3 C33 (1)
Technic of disc-electrophoresis for differentiation of avian mycoplasma. (Ger) Mullegger, P H *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig* 223 (3): 372-380. Ref. Eng. Sum. 1973

075985 448.3 Z4
Experimental infection of lambs by L-forms of Listeria. II. Pathomorphological investigations. (Rus) Chevelev, S F *Zh Mikrobiol Epidemiol Immunobiol* 5: 62-64. Eng. Sum. May 1973

075986 448.3 Z4
Effect of antireticular cytotoxic serum (ACS) on pathogenesis & immunogenesis in brucellosis. (Rus) Tikhenko, N I *Zh Mikrobiol Epidemiol Immunobiol* 5: 65-70. Eng. Sum. May 1973

NON-INFECTIOUS DISEASES

075987 41.8 AC84
Observations on method for blood testing for diagnosis of bovine lympholeukosis. (Ita) Montemagno, F *Acta Med Vet* 18 (3/4): 227-233. Eng. Sum. May/Aug 1972

075988 RB1.A36
Adrenal glands of mice with hereditary pituitary dwarfism. Shire, J G M *Acta Pathol Microbiol Scand Sect A Pathol* 81a (3): 225-228. Ref. May 1973

075989 511 AK192D
Cytological, cytochemical & haematological characteristics of cattle leukemia. 9. Citokinetics of lymphoidal leucosis. (Rus) Tamasauskas, M *Akad Nauk Litov Ssr Darbai Tr Ser C* 1 (57): 107-114. Ref. Eng. Sum. 1972

075990 511 AK192D
Action of alkylating drug MD-2 on amount of glycogen in liver cells of healthy cattle & those with chronic lympholeukemia. (Rus) Acaite, J *Akad Nauk Litov Ssr Darbai Tr Ser C* 1 (57): 115-121. Ref. Eng. Sum. 1972

075991 511 AK192D
Cytological, cytochemical & haematological characteristics of cattle leukemia. 8. amount of glycogen in liver cells. (Rus) Acaite, J *Akad Nauk Litov Ssr Darbai Tr Ser C* 1 (57): 99-106. Ref. Eng. Sum. 1972

075992 511 AK192D
Immune characteristics of cattle lympholeukemia. 5. Bactericidity of blood serum. (Rus) Pieskus, J *Akad Nauk Litov Ssr Darbai Tr Ser C* 2 (58): 83-87. Ref. Eng. Sum. 1972

075993 511 AK192D
Immune characteristics of cattle lympholeukemia. 6. Agglutinin formation & blood serum protein fractions after immunization with Brucella abortus bovis No 19 vaccine. (Rus) Pieskus, J *Akad Nauk Litov Ssr Darbai Tr Ser C* 2 (58): 89-98. Ref. Eng. Sum. 1972

075994 41.8 AM3A
Carboxyhemoglobin & fecal urobilinogen in bovine erythropoietic porphyria. Engel, R R *Amer J Vet Res* 34 (6): 743-746. Ref. June 1973

075995 41.8 AM3A
Staining of histologic sections of colon with victoria blue 4-r as an aid in diagnosis of swine dysentery. Olson, L D *Amer J Vet Res* 34 (6): 853-854. June 1973

075996 41.8 AM3
Cervical kyphosis in an Afghan Hound. Parker, A J *Amer Vet Med Assoc J* 162 (11): 953-955. June 1973

075997 41.8 AM3
Inherited disorders causing infertility in bull. Gledhill, B L *Amer Vet Med Assoc J* 162 (11): 979-982. Ref. June 1973

075998 41.8 AM3
Adenocarcinoma in ileum of a young dog. Howard, D R *Amer Vet Med Assoc J* 2162 (11): 956-958. June 1973

075999 SF601.A5
New concepts in canine hepatic function. Cornelius, C E *Anim Hosp* 9 (2): 147-150. Ref. Mar/Apr 1973

076000 SF601.A5
Clinical cardiology (1971-1972): a review of literature. [Veterinary medicine]. Harris, S G *Anim Hosp* 9 (2): 151-159. Ref. Mar/Apr 1973

076001 SF601.A5
Liposarcoma in dogs. Strafuss, A C *Anim Hosp* 9 (2): 183-187. Ref. Mar/Apr 1973

076002 SF601.A5
Pancreas, [Diseases, dogs, cats]. Anderson, N V *Anim Hosp* 9 (2): 89-100. Refr Mar/Apr 1973

076003 SF601.A5
A technique for repair of fractures of distal flemoral epiphysis in dog & cat. Sumner-Smith, G *Anim Hosp* 9 2): 171-174. Ref. Mar/Apr 1973

076004 389.8 AN73
Acid hydrolases & ascorbic acid in testes of adult vitamin A deficient rats during progression of testicular atrophy. (Fre) Goubern, M *Ann Nutr Aliment* 26 (6): 263-289. Ref. 1972

076005 389.78 AR22
Manganese deciciency in ruminants. Manganese deficiency stimulated reproductive-, skeletaland nervous-distrubances in female ruminants & their offspring. [goats, cattle]. (Ger) Anke, M *Arch Tierernahr* 23 (3): 197-211. Ref. Eng. Sum. Apr 1973

076006 389.78 AR22
Manganese deficiency in ruminants. 4. influence of manganese-deficiency on content of fat, protein, manganese, ash, calcium, phosphorus, zinc & copper of new born kids. (Ger) Anke, M *Arch Tierernahr* 23 (3): 213-223. Ref. Eng. Sum. Apr 1973

076007 41.8 AU72
Relationship between uterine cysts & ovarian activity in western Australian ewes. Adams, N R *Aust Vet J* 49 (3): 176. Mar 1973

076008 41.8 AU72
Closure of distal radial epiphysis & its relationship to unsoundness in two year old Thoroughbreds. [Horses]. Mason, T A *Aust Vet J* 49 (5): 221-228. May 1973

076009 41.8 AU72
Parturient paresis. A review. [Cows]. Jonsson, G *Aust Vet J* 49 (5): 252-255. Ref. May 1973

076010 41.8 B45
Aseptic necrosis of discus lumbosacralis in spondylopathia deformans in dog. (Ger) Gembardt, C *Berliner Munchener Tierarztl Wochenschr* 86 (10): 188-192. Eng. Sum. May 15, 1973

076011 41.8 B45
On frustrational expression of pain. [lameness, cows, pigs, dogs]. (Ger) Jirina, K *Berliner Munchener Tierarztl Wochenschr* 86 (8): 152-153. Ref. Apr 15, 1973

076012 41.8 B45
Left cranial vena cava without corresponding vessel on right in a domestic goat. (Ger) Waibl, H *Berliner Munchener Tierarztl Wochenschr* 86 (9): 171-174. Ref. Eng. Sum. May 1, 1973

076013 41.8 R3224
Epitheliogenesis imperfecta in Holstein-Friesian calves. Leipold, H W *Can Vet J* 14 (5): 114-118. Ref. May 1973

076014 41.8 C483
Factors which predispose to urolithiasis in cattle feedlots. (Spa) Hardisty, J R *Cienc Vet (Mexico)* 17 (4): 279-284. Ref. July/Aug 1972

076015 41.8 C483
Surgical correction of prolapse of urethra in male. [Dogs]. (Spa) Hobson, H P *Cienc Vet (Mexico)* 17 (4): 297-299. July/Aug 1972

076016 41.8 C61
First observations on treatment of some defects of foot form, quality of horn & thickness of hoof of horse with applications above of all pharmacological associations of (Finalgon U. V.). (Ita) Corbella, E *Clin Vet* 96 (1): 1-7. Ref. Eng. Sum. Jan 1973

076017 41.9 D23
Calciphylaxis in swine. (Dan) Bille, N *Danske Dyrlaegefor Medlemsbl* 56 (8): 317-319. Apr 15, 1973

076018 41.8 D482
Psychosomatic disturbances & hereditary diseases of animals. V. Skin, central nervous system, blood & metabolism. (Ger) Brummer, H *Deut Tierarztl Wochensch* 80 (3): 52-55. Ref. Eng. Sum. Feb 1, 1973

076019 41.8 D482
Correlations between selenium & copper in spontaneous deficiency & in selenium poisoning of lambs. (Ger) Gabraschanski, P *Deut Tierarztl Wochensch* 80 (8): 184-187. Apr 15, 1973

076020 41.8 D482
Sertoli-cell tumor of testicle in a 19 year old dog. (brief communication). (Ger) Schneck, G *Deut Tierarztl Wochensch* 80 (9): 209-210. Eng. Sum. May 1, 1973

076021 QP601.E52
Adenyl cyclase in pectoral muscle of normal chickens & chickens with hereditary muscular dystrophy. Horvath, B Z *Enzyme* 13 (5): 311-319. Ref. 1972

076022 100 G295
Grass tetany alert program in north Georgia, 1972. Jones, J B *Ga Agr Res* 14 (3): 9-12. Winter 1973

076023 44.8 H65
Bloat season is here so take precautions now. [Cattle]. Woelffer, E A *Hoards Dairyman* 118 (9): 620-621. May 10, 1973

076024 389.8 Z33
Tissue distribution of labelled material in vitamin C-defecient guinea pigs after intravenous injection of [1-14C] [carbon] ascorbic acid or [1-14C] dehydroascorbic acid. [Human nutrition]. Hornig, D *Int J Vitam Nutr Res* 42 (4): 511-523. Ref. 1972

076025 41.8 J27
Studies on grass tetany in cattle. I. Cases of grass tetany in Sotoyama pasture. (Jap) Murakami, D *Jap J Vet Sci* 34 (6): 323-331. Ref. Eng. Sum. Dec 1972

076026 47.8 N57
Perosis of chicks on diet with unbalanced energy & protein levels. (Jap) Yoshida, M *Jap Poultry Sci* 10 (2): 56-62. Ref. Eng. Sum. Mar 1973

076027 41.8 K67
On differential diagnosis of polydipsia in dog. (Ger) Jost-Geissler, H *Kleintier – praxis* 18 (3): 57-60, 62, 64-65. May 1973

076028 41.8 K67
Osteolytic bone destruction in a cat with immature leukosis. (Ger) Saar, C *Kleintier – praxis* 18 (3): 82. May 1973

076029 11 L293
Milk fever can be prevented. (Swe) Ringarp, N *Lantbrukstidskr Jamtland Harjedalen* 26 (1): 18-19. 1973

076030 41.8 M463
Disturbances in metabolism of magnesium in animals. (Pol) Fitko, R *Med Wet* 29 (3): 129-133. Ref. Mar 1973

076031 41.8 M463
Observations on artificially performed reticulitis traumatica in cattle. (Pol) Bieniek, K *Med Wet* 29 (3): 140-142. Eng. Sum. Mar 1973

076032 41.8 M742
Studies into occurrence, pathogenesis, & prophylaxis of grass tetany in cattle, 4. Use of matnesium bullets for prophylaxis against grass tetany. (Ger) Gurtler, H *Monatsh Veterinarmed* 28 (8): 287-290. Ref. Eng. Sum. Apr 15, 1973

076033 41.8 M742
Disorders due to copper deficit in sheep & cattle. (Ger) Anke, M *Monatsh Veterinarmed* 28 (8): 294-298. Ref. Eng. Sum. Apr 15, 1973

076034 41.8 M742
Prophylaxis of hypoferrid anaemia in suckling p-glets by single oral application of ferrotartrate. (Ger) Schwarz, S *Monatsh Veterinarmed* 28 (8): 300-304. Ref. Apr 15, 1973

076035 41.8 M742
Studies into oral prophylaxis of anaemia in suckling piglets by iron vitamin paste. (Ger) Bugnowski, H *Monatsh Veterinarmed* 28 (8): 304-308. Eng. Sum. Apr 15, 1973

076036 280.28 N685
Gastric ulcer in swine: its causes & treatment. (Jap) Yamaguchi, S *Nogyo To Kyodo (lavoura Coop)* 12: 4-7. Dec 1972

076037 41.8 N75
Neurological examination of horse. II. Spinal cord. Rooney, J R *Norden News* 48 (2): 16-17, 20. Spring 1973

076038 41.8 N75
Fluid therapy of polyuric renal failure. [Dogs, cats]. Finco, D R *Norden News* 48 (2): 22-23, 26-28. Spring 1973

076039 11 N8122
Ketosis situation. [Cattle]. (Nor) Baalsrud, N I *Norsk Landbruk* 5: 8-9, 39. Mar 8, 1973

076040 41.8 N922
Necrosis of muscle complexus in embryos & day-old chicks. (Ita) Soldati, G *Nuova Vet* 48 (5): 308-309 Sept/Oct 1972

076041 20.5 OL8
Mastocytoma in a Boxer dog. (Pol) Szuperski, T *Olsztyn Wyzsza Szkola Roln Zeszyty Nauk* 28 (2): 265-269. 1972

076042 20.5 OL8
Rhabdomyosarcoma in a Boxer bitch. (Pol) Szuperski, T *Olsztyn Wyzsza Szkola Roln Zeszyty Nauk* 28 (2): 271-275. Ref. 1972

076043 100 OR3M
Relationship of range forage & cattle management practices to development of acute bovine pulmonary emphysema. Gates, D H *Oreg Agr Exp Sta Spec Rep* 384: 15-17. May 1973

076044 100 OR3M
Acute pulmonary emphysema of cattle. Reynolds, G E *Oreg Agr Exp Sta Spec Rep* 384: 9-14. May 1973

076045 41.8 P76
Two cases of heteradelphus in calves. (Pol) Kobryn, H *Pol Arch Weter* 15 (4): 727-734. Ref. Eng. Sum. 1972

076046 41.8 P76
Congenital location of heart in neck (situs cervicalis cordis congenitus) in domestic animals. II. Congenital location of heart in neck in a six-month old heifer. (Pol) Wyrost, P *Pol Arch Weter* 15 (4): 823-842. Ref. Eng. Sum. 1972

076047 47.8 AM33P
A new description of riboflavin deficiency syndrome in chickens. Wyatt, R D *Poultry Sci* 52 (1): 237-244. Ref. Jan 1973

076048 47.8 AM33P
Avian riboflavinuria. 8. fate of riboflavin-binding protein-riboflavin complex during incubation of hen's eggs. Hammer, C H *Poultry Sci* 52 (2): 520-530. Ref. Mar 1973

076049 47.8 AM33P
Influence of proline deficiency on enzymes of proline metabolism in chick. Austic, R E *Poultry Sci* 52 (2): 801-803. Ref. Mar 1973

076050 49 P952
Importance of stilbestrol in sow infertility treatments. (Pol) Kotowski, K *Przegl Hodowlany* 40 (12): 21-22, 25. June 16/30, 1972

076051 41.8 R24
Chronic hypervitaminosis A & ankylose cervical spondylosis of adult cat. (Fre) Wyers, M *Rec Med Vet* 149 (4): 457-466. Ref. Eng. Sum. Apr 1973

076052 41.8 R312
Perosis in turkeys. Wise, D R *Res Vet Sci* 14 (2): 167-172. Ref. Mar 1973

076053 41.8 R32
About cervical ectocardia nature in connection with two new cases on calf. (Fre) Barone, R *Rev Med Vet (toulouse)* 124 (5): 655-678. Ref. Eng. Sum. May 1973

076054 41.8 R32
Notion of disseminated intra-vascular coagulation (C.I.V.D.). (Fre) Espinasse, J *Rev Med Vet (toulouse)* 36 (4): 507-514. Ref. Eng. Sum. Apr 1973

076055 41.8 R32
Clinical, electrocardiographic & radiologic aspects in cardiac insufficiency of dog. (Fre) Ghergariu, S *Rev Med Vet (toulouse)* 36 (4): 541-550. Ref. Eng. Sum. Apr 1973

076056 448.3 R323
Isolation of a cytophathic agent from plasma of a leukemic cow. Nastac, E *Rev Roum Virol* 10 (1): 85-87. Ref. 1973

076057 41.8 SCH9
Results of control against hip dysplasia in German Shepherd dogs in time from 1965 to 1972. (Ger) Freudiger, U *Schweiz Arch Tierheilk* 115 (4): 169-173. Eng. Sum. Apr 1973

076058 442.9 SO1
Silica urolithiasis in dogs fed an atherogenic diet. Ehrhart, L A *Soc Exp Biol Med Proc* 143 (1): 131-132. Ref. May 1973

076059 442.9 SO1
Characterization of an obese syndrome in pig. Martin, R J *Soc Exp Biol Med Proc* 143 (1): 198-203. Ref. May 1973

076060 41.8 F49
Caine hereditary retinopathies. (Fin) Jussila, J *Suomen Elainlaakarilehti* 79 (4): 238, 243-248. Ref. Eng. Sum. 1973

076061 41.8 F49
Ruminant ketosis, iI. secondary ketosis. [Cattle]. (Fin) Nurmio, P *Suomen Elainlaakarilehti* 79 (4): 249-250, 255-257. Eng. Sum. 1973

076062 41.9 T23
A case of centric-fusion in goat chromosomes. (Per) Sohrab, M *Tehran Univ Vet Fac J* 28 (4): 1-7. Eng. Sum. Jan 1973

076063 41.9 T23
Some cases of hip joint dysplasia of dogs. (Per) Ilkhani, A *Tehran Univ Vet Fac J* 28 (4): 9-28. Ref. Eng. Sum. Jan 1973

076064 41.9 T23
Bas-reliefs of animals at Persepolis from 500 B. C.: giraffe. (Per) Afshar, A *Tehran Univ Vet Fac J* 28 (4): 93-99. Eng. Sum. Jan 1973

076065 41.8 T445
Studies on blood glucose content in healthy & acetonanemic cattle after application of Dexadreson & Dexadreson forte. (Ger) Heidrich, H J *Tierarztl Umsch* 28 (6): 270-273. June 1, 1973

076066 41.8 T445
Solitary cavity formation in bronchial system of a dog (inborn bronchial cyste?). (Ger) Letton, E *Tierarztl Umsch* 28 (6): 274-280, 282-283. Ref. June 1, 1973

076067 41.8 T445
Manual early diagnosis & therapy of hip dysplasia & coxal arthrosis. [Dogs]. (Ger) Niemand, H G *Tierarztl Umsch* 28 (6): 283-284, 286-287. June 1, 1973

076068 49 T445
Enzootic calcinosis: A new pasture disease of cattle. (Ger) Dirksen, G *Tierzuchter* 25 (4): 150-152. Apr 5, 1973

076069 41.8 T431
Surgical treatment of urolithiasis in veal calves. (Dut) Hekhuis, J *Tijdschr Diergeneesk* 98 (9): 461. Eng. Sum. May 1, 1973

076070 20 V633
Biogeochemical province of Amur region characterized by iodine defieciency. [endemic goiter, cattle]. (Rus) Doval'skii, V V *Vestn Sel'skokhoz Nauk (moscow)* 10: 66-70. Eng. Sum Oct 1972

076071 41.8 V6456
Radiological features of spinal lesions in dogs & cats. Gibbs, C *Vet Annu* 13Th: 107-112. Ref. 1972 (Pub. 1973)

076072 41.8 V6456
Cystine urolithiasis. [Dogs]. Clark, W T *Vet Annu* 13Th: 130-132. Ref. 1972 (Pub. 1973)

076073 41.8 V6456
Diet & rumenitis. [Cattle]. Rowland, A C *Vet Annu* 13Th: 15-20. 1972 (Pub. 1973)

076074 41.8 V6456
Canine diabetes mellitus. Lauder, I *Vet Annu* 13Th: 152-160. 1972 (Pub. 1973)

076075 41.8 V6456
Naturally occurring thyroid disorders of dog. Bush, B M *Vet Annu* 13Th: 161-165. 1972 (Pub. 1973)

076076 41.8 V6456
'Fly-catching': hallucinatory behaviour by cavalier King Charles spaniels. Lane, J G *Vet Annu* 13Th: 169-173. 1972 (Pub. 1973)

076077 41.8 V6456
Aetiology of glaucoma in dog & cat. Grimes, T D *Vet Annu* 13Th: 177-180. Ref. 1972 (Pub. 1973)

076078 41.8 V6456
Treatment of keratitis & corneal ulceration in dog. Bedford, P G C *Vet Annu* 13Th: 181-185. 1972 (Pub. 1973)

076079 41.8 V6456
Congenital cardiovascular abnormalities in dog. Fisher, E W *Vet Annu* 13Th: 186-189. 1972 (Pub. 1973)

076080 41.8 V6456
Diagnostic value of E.E.G. [Electroencephalogram, small animals]. Croft, P G *Vet Annu* 13Th: 200-202. 1972 (Pub. 1973)

076081 41.8 V6456
Diagnostic value & limitations of an electrocradiogram in dog. Else, R W *Vet Annu* 13Th: 203-208. Ref. 1972 (Pub. 1973)

076082 41.8 V6456
Fluid therapy: dog. Foster, S J *Vet Annu* 13Th: 215-217. 1972 (Pub. 1973)

076083 41.8 V6456
Management & disorders of newborn foal. Simpson, D J *Vet Annu* 13Th: 83-85. 1972 (Pub. 1973)

076084 41.8 V6456
Treatment of mammary neoplasia in dog & cat. Walker, R G *Vet Annu* 13Th: 94-97. Ref. 1972 (Pub. 1973)

076085 41.8 V6468
Blood level of progesterone & cell picture of vestibulum vaginae in cows with follicular cysts. (Bul) Kostov, L *Vet Med Nauk* 10 (2): 89-93. Ref. Eng. Sum. 1973

076086 41.8 M69
Treatment of heart failure in dogs without use of digitalis glycosides. Hamlin, R L *Vet Med/small Anim Clin* 68 (4): 349-350, 352-354, 356. Ref. Apr 1973

076087 41.8 M69
Lymphoma in horse: a diagnostic perspective. Coffman, J R *Vet Med/small Anim Clin* 68 (4): 401-404, 406. Ref. Apr 1973

076088 41.8 M69
Abomasal displacement 2: hypocalcemia as a contributing causative factor. Hull, B L *Vet Med/small Anim Clin* 68 (4): 412, 414-417. Ref. Apr 1973

076089 41.8 M69
Microphakia with lenticular luxation & subluxation in cats. Aguirre, G D *Vet Med/small Anim Clin* 68 (5): 498-500. May 1973

076090 41.8 M69
Congenital cataract associated with persistent hyaloid in a dog. Gelatt, K N *Vet Med/small Anim Clin* 68 (5): 511. May 1973

076091 41.8 M69
Keratoconjunctivitis sicca secondary to fracture of mandible. Joyce, J R *Vet Med/small Anim Clin* 68 (6): 619-620. June 1973

076092 41.8 M69
Weaver syndrome in Brown Swiss cattle: clinical signs & pathology. Leipold, H W *Vet Med/small Anim Clin* 68 (6): 645-647. June 2973

076093 41.8 M69
Intrascrotal torsion of testicle in a dog. Hulse, D A *Vet Med/small Anim Clin* 68 (6): 658-659. June 1973

076094 41.8 M69
Acanthosis nigricans in a Lhasa Apso. [Dogs]. Scott, D W *Vet Med/small Anim Clin* 68 (6): 676-677. June 1973

076095 41.8 V641
Urogenital abnormalities in two calves. Pearson, H *Vet Rec* 92 (18): 463-468. May 5, 1973

076096 41.8 V641
Congenital tremor type A. III. In pigs: an hereditary sex-linked cerebrospinal hypomyelinogenesis. Harding, J D J *Vet Rec* 92 (20): 527-529. May 19, 1973

076097 41.8 V641
'Fog fever' (acute bovine pulmonary emphysema) in mid-Wales, 1971: features of occurrence. Roberts, H E *Vet Rec* 92 (21): 558-561. Ref. May 26, 1973

076098 41.8 V641
Experimental reproduction of neurological lesions associated with grass sickness. Gilmour, J S *Vet Rec* 92 (21): 565-566. May 26, 1973

076099 41.8 V6426
Determination of alkaline phosphatase in blood serum. [Livestock, metabolic diseases]. (Rus) Koromyslov, V F *Veterinariia* 10: 119. Oct 1972

076100 41.8 V6426
Use of tranquillizers in cases of interstitial pulmonary emphysema. [Cattle]. (Rus) Bakunas, I *Veterinariia* 10: 97-98. Oct 1972

076101 41.8 V6426
On pathogenesis of dyspepsia in newborn calves. (Rus) Kondrakhin, I P *Veterinariia* 10: 98-99. Oct 1972

076102 41.8 V6439
Dysplasy of hip joints in a dog. (Cze) Nechvatal, M *Veterinarstvi* 23 (3): 136-140. 1973

076103 41.8 V6439
Some of distrubances of metabolism in cattle during increasing of productivity & new methods of nutrition. (Slo) Vrzgula, L *Veterinarstvi* 23 (3): 99-101. 1973

076104 41.8 V6439
Stress & adrenocortical activity in piglets. (Cze) Dvorak, M *Veterinarstvi* 23 (4): 160-162. 1973

076105 41.9 V83
Effect of premature discharge of amniotic fluid on frequency of postnatal diseases in cows, incidence of stillbirths & losses of calves. (Rus) Semchenkov, V B *Vitebsk Vet Inst Uch Zap* 25: 60-63. 1972

MISCELLANEOUS DISEASES

076106 41.9 R24
Toxicity of mebendazole for sheep. (Fre) Guilhon, J *Acad Vet France Bull* 45 (10): 495-498. Dec 1972

076107 SF601.A47
Hazardous arsenical residues associated with use of a lawn crabgrass control preparation. [Poisoning, domestic animals]. Buck, W B *Am Coll Vet Toxicol News* 15 (2): 25-27. May 1973

076108 41.8 AM3A
Enamel hypoplasia of deciduous incisor teeth of a calf. [Gamma rays]. West, J L *Amer J Vet Res* 34 (6): 839-840. Ref. June 1973

076109 41.8 AM3
Hexachlorophene toxicosis in dogs. Scott, D W *Amer Vet Med Assoc J* 162 (11): 947-949. Ref. June 1973

076110 SF601.A5
Hexachlorophene toxicity in dogs. Ward, B C *Anim Hosp* 9 (2): 167-169. Mar/Apr 1973

076111 RC963.A1A7
DDT & immunological responses. I. Serum antibodies & anaphylactic shock in guinea pigs. Gabliks, J *Arch Environ Health* 26 (6): 305-308. Ref. June 1973

076112 RC963.A1A7
DDT & immunological responses. II. Altered histamine levels & anaphylactic shock in guinae pigs. Askari, E M *Arch Environ Health* 26 (6): 309-312. Ref. June 1973

076113 41.8 AU72
Acute toxicity of dichlorvos in dog: 1. Clinical observations & clinical pathology. Snow, D H *Aust Vet J* 49 (3): 113-119. Ref. Mar 1973

076114 41.8 AU72
Acute toxicity of dichlorvos in dog: 2. Pathology. Snow, D H *Aust Vet J* 49 (3): 120-125. Ref. Mar 1973

076115 41.8 AU72
Toxic effect of some phosphate supplements fed to sheep. [Acacia aneura]. Mcmeniman, N P *Aust Vet J* 49 (3): 150-152. Ref. Mar 1973

076116 41.8 AU72
Acute arsanilic acid intoxication in pigs. Kennan, D M *Aust Vet J* 49 (5): 229-231. May 1973

076117 47.8 B262
Effect of Fusarium graminearum on change in blood count of full-grown geese. (Hun) Nagy, G *Baromfitenyesztes* 16 (11): 14. Nov 1972

076118 100 C71G (1)
Effect of atmospheric ammonia stress on Leghorn chickens. Kling, H F *Colo Agr Exp Sta Gen Ser* 931: 13-16. May 1973

076119 41.8 D482
Correlations between selenium & copper in spontaneous deficiency & in selenium poisoning of lambs. (Ger) Gabraschanski, P *Deut Tierarztl Wochensch* 80 (8): 184-187. Apr 15, 1973

076120 41.8 EC7
Uninteded effects of antiparasitic treatments: Physiopathological troubles induced in birds & mammals. [Insecticides]. (Fre) Ramade, F *Econ Med Anim* 14 (1): 43-49. Jan/Feb 1973

076121 47.8 T432
Feather eating & cannibalism in poultry & chickens. (Nor) Torhaug, K *Fjorfe* 90 (3): 71-73. Mar 1973

076122 47.8 G43
Major diseases of rabbit. (Ita) Toucas, *G Allevatori* 23 (1): 108-111. Jan 1973

076123 S19.G5
Observations on influence of feeding horse tamarind (Leucaena glauca Benth.) on health of cattle in Ghana. Vohradsky, F *Ghana J Agr Sci* 5 (2): 153-156. 1972

076124 SF391.H6
Feet & leg problems – a product of confinement. Fritschen, R *Hog Farm Manage* 10 (6): 28-29, 31-33. June 1973

076125 389.8 J82
Selenium dilemma. [Nutritive value, toxicity, Poultry, livestock]. Scott, M L *J Nutr* 103 (6): 803-80.. Ref. June 1973

076126 385 K524
Photoelectrocolorimetric determination of methyl parathion & N-hydroxynaphthalimide diethyl phosphate in tissues of poultry poisoned experimentally. (Rus) Sharova, V M *Khim Sel'skom Khoz* 11 (3): 69-70. 1973

076127 QP981.T6K4
A study of teratogenic capability of tobacco (Nicotiana tabacum) & those chemicals commonly applied to growing plant. [Swine, rabbits]. Crowe, M W *Ky Univ Tob Health Res Inst Conf Rep* 3: 256-266. 1972

076128 QP981.T6K4
A study of teratogenic capability of tobacco (Nicotiana tabacum) & those chemicals commonly applied to growing plant. [Swine]. Crowe, M W *Ky Univ Tob Health Res Inst Conf Rep* 4: 198-202. 1973

076129 11 L234
Pasture feed & animal health. [Cattle]. (Swe) Jonsson, G *Lantmannen* 84 (7): 24-26. Apr 13, 1973

076130 41.9 L99
Treatment of serious of old fractures of elbow by total prothesis of articulation. [Dogs]. (Fre) Perot, F *Lyon Soc Vet Med Comp Bull* 75 (1): 45-47. Eng. Sum. 1973

076131 41.9 L99
Three cases of collective intoxications of domestic animals caused by an industrial pollution of cyanides.]Cattle, geese]. (Fre) Berlier, *Lyon Soc Vet Med Comp Bull* 75 (1): 49-50. 1973

076132 41.8 P76
Zinc metabolism in rabbits in postirradiation disease. (Pol) Krynski, A *Pol Arch Weter* 16 (1): 149-162. Ref. Eng. Sum. 1973

076133 47.8 AM33P
Toxicity of mercury to young chickens. 1. Effect on growth & mortality. Parkhurst, C R *Poultry Sci* 52 (1): 273-276. Jan 1973

076134 47.8 AM33P
Toxicity of mercury to young chickens. 2. Gross changes in organs. Thaxton, P *Poultry Sci* 52 (1): 277-281. Ref. Jan 1973

076135 47.8 AM33P
Nontoxigenicity to broiler chickens of corn invaded by a pure culture of Helminthosporium maydis race T. Wyatt, R D *Poultry Sci* 52 (1): 341-344. Ref. Jan 1973

076136 47.8 AM33P
Effect of simultaneous feeding of aflatoxin & rubratoxin to chickens. Wyatt, R D *Poultry Sci* 52 (1): 395-397. Ref. Jan 1973

076137 47.8 AM33P
Decreased plasma carotenoids during aflatoxicosis. [Chickens]. Tung, H T *Poultry Sci* 52 (1): 80-83. Ref. Jan 1973

076138 47.8 AM33P
Comparative effect of oral ingestion of methyl mercury on chicks & rats. [Feed contamination]. Soares, J H *Poultry Sci* 52 (2): 452-458. Ref. Mar 1973

076139 47.8 AM33P
Aflatoxicosis in laying Japanese quail (Coturnix coturnix japonica). [Aspergillus flavus, aflatoxins]. Sawhney, D S *Poultry Sci* 52 (2): 465-473. Ref. Mar 1973

076140 47.8 AM33P
Fly control & chronic toxicity from feeding Dursban (0,0-diethyl 0-3, 5, 6-trichloro-2-pyridyl phosphorothioate) to laying hens. Sherman, M *Poultry Sci* 52 (2): 741-747. Ref. Mar 1973

076141 47.8 AM33P
Toxicity of mercury to young chickens. 3. Changes in immunological responsiveness. Thaxton, P *Poultry Sci* 52 (2): 761-764. Ref. Mar 1973

076142 100 OK4M
Animal problems in grazing wheat & other small grains pasture. Clay, B R *Res Rep P Agric Exp Stn Okla State Univ* 684: 38-39. May 1973

076143 41.8 R32
Toxic action & molecular lesion. [Veterinary medicine]. (Fre) Rico, A G *Rev Med Vet (toulouse)* 36 (4): 459-468. Eng. Sum. Apr 1973

076144 41.8 R32
Fulguration accidents. Medico-legal consequences. [Cattle, sheep]. (Fre) Cottereau, P *Rev Med Vet (toulouse)* 36 (4): 469-484. Eng. Sum. Apr 1973

076145 41.8 SP3
Treatment & clincal course of thermal burns in cattle. Gingerich, D A *Speculum* 25 (2): 4-5, 12-13. Winter 1973

076146 57.9 ST52
Poisonous effects of a high nitrogen content in grassland on production & health of dairy cattle. (Dut) Groot, T de *Stikstof* 72 (6): 495-532. Ref. 1972

076147 41.8 T445
Results in treatment of retentio secundinarum of cattle with Dexamethason-21-isonicotinat. (Ger) Szekely, H *Tierarztl Umsch* 28 (5): 228, 230-232. May 1, 1973

076148 41.8 T431
Gastric & caecal lesions in pigs following feeding of sulphite. Feron, V J *Tijdschr Diergeneesk* 98 (8): 377-387. Ref. Apr 15, 1973

076149 41.8 T431
Copper content in grass & soil under copper high-tension lines. [Feed toxicity]. (Dut) Hemkes, O J *Tijdschr Diergeneesk* 98 (9): 446-449. Eng. Sum. May 1, 1973

076150 41.8 V6456
Radiological features of post-road accident chest injuries. [Dogs, cats]. Stead, A C *Vet Annu* 13Th: 113-117. 1972 (Pub. 1973)

076151 41.8 V6456
Foreleg lameness in dog. Clayton-Jones, D G *Vet Annu* 13Th: 118-122. 1972 (Pub. 1973)

076152 41.8 V6456
Traumatic dislocation of elbow. [Cats]. Campbell, J R *Vet Annu* 13Th: 123-125. 1972 (Pub. 1973)

076153 41.8 V6456
Current therapy for fits. [Dogs, diseases, injuries]. Croft, P G *Vet Annu* 13Th: 166-168. 1972 (Pub. 1973)

076154 41.8 V6456
Use of ophthalmoscope. [Livestock]. Startup, F G *Vet Annu* 13Th: 209-210. 1972 (Pub. 1973)

076155 41.8 V6456
Central nervous system depressants recently introduced for veterinary use. Bywater, R J *Vet Annu* 13Th: 276-281. Ref. 1972 (Pub. 1973)

076156 41.8 V6456
Some current thoughts on lameness in pig. Penny, R H C *Vet Annu* 13Th: 31-36. 1972 (Pub. 1973)

076157 41.8 V6456
Foot lameness in cattle. Edwards, G B *Vet Annu* 13Th: 7-14. Ref. 1972 (Pub. 1973)

076158 41.8 V6456
Problems associated with use & misuse of some drugs in horses. Sanford, J *Vet Annu* 13Th: 86-90. Ref. 1972 (Pub. 1973)

076159 41.8 C87
An episode of intoxication caused in calf by ingestion of Dimetilan (2-dimethyl carbamyl-3 methyl-5 pyrazolyl dimethyl carbamate). (Ita) Capurso, A *Vet Ital* 23 (9/10): 526-533. Sept/Oct 1972

076160 41.8 M69
Nodular cirrhosis in a dog. Chalifoux, A *Vet Med/small Anim Clin* 68 (4): 363-366. Ref. Apr 1973

076161 41.8 M69
How impervious is placental barrier? Beck, C C *Vet Med/small Anim Clin* 68 (5): 468-480. (8 P. Not Consecutive) ref. May 1973

076162 41.8 M69
Sagittal fractures of first phalanx (Pl) in horse: fixation by lag screw principle. Fackelman, G E *Vet Med/small Anim Clin* 68 (6): 622-636. Ref. June 1973

076163 41.8 V641
Toad poisoning in small animals. [Ethiopia]. Perry, B D *Vet Rec* 92 (22): 589-590. June 2, 1973

076164 41.8 V6426
On toxic dystrophy of liver of baby pigs. (Rus) Sharipov, D Sh *Veterinariia* 10: 101-103. Oct 1972

076165 41.8 V6426
On problem of triallate poisoning of livestock. [Sheep, swine, rabbits]. (Rus) Akulov, A V *Veterinariia* 10: 105-106. Oct 1972

076166 41.8 V6426
Diagnosing Sumithion poisoning of poultry. (Rus) Poloz, D D *Veterinariia* 10: 107-108. Oct 1972

076167 41.8 V6426
Toxicity of atropine, Phospholythin, Tropacine & Dipyroxim. [Rabbits, swine]. (Rus) Lapushkov, A G *Veterinariia* 10: 109. Oct 1972

076168 41.8 V6426
Evaluating meat of livestock in relation to carbaryl poisoning. (Rus) Antsiferov, S D *Veterinariia* 10: 110-112. Oct 1972

076169 41.8 V6439
Influence of chemical method of shearing wool of sheep by using cyclophosphamide on health condition of animal & some haematological & biochemical factors. (Slo) Skalka, J *Veterinarstvi* 23 (3): 131-132. 1973

076170 99.9 W262
Toxicity of preservatives for laboratory animals. (Pol) Majczakowa, W *Warsaw Szkola Glowna Gosp Wiejsk Lesnictwo* 18: 13-24. Ref. Eng. Sum. 1972

076171 99.9 W262
Results of histological examinations of rat organs in acute poisoning by wood preservatives. (Pol) Tos-Luty, S *Warsaw Szkola Glowna Gosp Wiejsk Lesnictwo* 18: 25-32. Eng. Sum. 1972

076172 49 Z6
Distribution & accumulation of mercury in organs & tissues of calves poisoned by Granosan. (Rus) Ardatova, A N *Zhivotnovodstvo* 2: 71-72. Feb 1973

FORESTRY — GENERAL

076173 58.8 AG83
Skidders in forest fire control. Such, S *Agr Eng* 54 (5): 14-16. May 1973

076174 280.8 AG82
Press & radio in agriculture & forestry. (Ger) Wicha, R *Agr Rundsch* Special No.: 26-28. Feb 1973

076175 16 AG8259
On destruction of pine forests on one side of coastal coverage of Tuscany with particular reference to Versilia. (Ita) Verona, O *Agric Ital* (New Ser. 27) 72 (6): 381-396. Nov/Dec 1972

076176 500 AL12
Alabama – land of longleaf pine. [Pinus palustris]. Croker, T C *Ala Acad Sci J* 43 (1): 14-17. Jan 1973

076177 99.8 AL53
Forestry education in Austria 1918-1972. (Ger) Hafner, F *Allg Forstzeitung* 83 (10): 261-264. Oct 1972

076178 99.8 AL53
Aerial photography inventory of vegetation damage with ultra red films in Steiermar,. [Forests]. (Ger) Pollanschutz, J *Allg Forstzeitung* 84 (2): 37-41. Map. Feb 1973

076179 99.8 AL53
A life for forest engineering, professor Dr. Franz Hafner seventy years old. [Foresters]. (Ger) Sedlak, O *Allg Forstzeitung* 84 (3): 59-63. Mar 1973

076180 99.9 C46
Environmental issues pertinent to Christmas tree industry. Bell, L E *Amer Christmas Tree J* 17 (2): 29-30. May 1973

076181 421 AN9
Forest protection & ban on applying DDT. (Ger) Schwenke, W *Anz Schadlingsk Pflanzenschutz* 46 (4): 49-52. Eng. Sum. Apr 1973

076182 279.8 AR2
Revision of site groups representation & structure according to forest types in German Democratic Republic system of nature reserves with forest stands. (Ger) Schauer, W *Arch Naturschutz Landschaftsforsch* 13 (1): 61-78. Eng. Sum. 1973

076183 QK1.B52
Study of root biomass in herb layer of an oak-hornbeam forest. Simonovic, V *Biol Ser A Bot* 28 (1): 11-22. Ref. 1973

076184 99.8 C33
College professor Dr. Franz Hafner 70 years old. [Foresters]. (Ger) Ackerl, F *Centralbl Gesamte Forstwesen* 90 (1): 53-62. Mar 1973

076185 99.8 C33
Professor Dr. Walter Bitterlich 65 years old. [Foresters]. (Ger) Pollanschutz, S *Centralbl Gesamte Forstwesen* 90 (1): 62-63. Eng. Sum. Mar 1973

076186 19 F75
Functions of agriculture & forestry which are not expressed in productivity yields. (Ger) Pevetz, W *Forderungsdienst* 20 (8): 253-262. Aug 1972

076187 99.8 F792
Tank plant in Quebec. [Forest fire control]. (Fre) Leblanc, L *Foret Conserv* 39 (4): 12-15. Apr 1973

076188 99.8 F792
Forest fire control today & tomorrow. [Canada]. Hall, A D *Foret Conserv* 39 (4): 6-8. Apr 1973

076189 99.8 F7723
Foundation of Union of Forest Experiemnt Stations of Germany 100 years ago – a retrospect. (Ger) Schober, R *Forstarchiv* 43 (11): 221-227. Eng. Sum. Nov 1972

076190 99.8 F7723
Ernst Rohmeder. [Foresters]. (Ger) Melchior, G H *Forstarchiv* 43 (11): 239-240 Nov 1972

076191 99.8 F7723
70Th birthday of Hans Adolf Wilckens. [Foresters]. (Ger) Frohlich, H J *Forstarchiv* 43 (11): 241-242. Nov 1972

076192 99.8 F7794
Crucial points of teaching work techniques to forest workers and forest officials. (Ger) Platzer, H B *Forsttech Inform* 24 (12): 94-95. Ref. Dec 1972

076193 99.8 F7794
Cableways from steel wires: Information for forestry on German Industry Norms (DIN) 3051-3070 from March 1972. [West Germany]. (Ger) Lunzmann, K *Forsttech Inform* 25 (4): 25-28. Apr 1973

076194 99.8 F7794
Training course for machine drivers in forestry: Aims, result, conclusions. (Ger) Fuhrmann, K H *Forsttech Inform* 25 (5): 36-39. May 1973

076195 S15.G5
Aspects of forest production of west of Canada & United States. (Por) Berenhauser, H *Gleba* 18 (206): 30-31. Dec 1972

076196 HB9.G6
Forecast of agricultural development & forests of Poland. (Pol) Rakowski, M *Gospod Planowa* 28 (3): 186-192. Mar 1973

076197 17 SCH9
Testing of forest wardens in Aargau canton. (Ger) Zeh, H *Grune* 101 (20): 732-733. May 18, 1973

076198 99.8 L56
Forests of taiga zone of eastern Siberia. (Cze) Pelisek, J *Lesnicka Prace* 52 (1): 35-39. 1973

076199 99.8 L56
A universal preparation for tree protection against game damage. (Cze) Fanta, B *Lesnicka Prace* 52 (3): 125-129. Eng. Sum. 1973

076200 99.8 N28
Society & forest of future. (Dut) Gerritsen, A G *Ned Bosbouw Tijdschr* 45 (3): 73-77. Mar 1973

076201 99.8 N28
Influence of mechanized timber harvesting on environment. (Dut) Vries, J P de *Ned Bosbouw Tijdschr* 45 (3): 96-103. Mar 1973

076202 12 N282
13 november 1972 storm disaster in Netherlands. [Forests]. (Dut) Memelink, G *Ned Heidemaatsch Tijdschr* 84 (2): 46-54. Feb 1973

076203 12 N282
Storm damage. [Forests]. (Dut) Roelfsing, J *Ned Heidemaatsch Tijdschr* 84 (2): 69-76. Feb 1973

076204 99.8 N815
Forest pollution from automotive exhaust. (Nor) Thorsen, T H *Norsk Skogbruk* 19 (3): 67-68. Feb 1973

076205 99.8 N815
Over one million cubic meters of timber are blown down in Nordland & Nord-Trondelag. (Nor) Lindmo, A *Norsk Skogbruk* 19 (3): 72-73. Feb 1973

076206 99.8 Q2
Seed & seedling losses in nursery beds. Gordon, A G *Quart J Forest* 67 (2): 150-152. Apr 1973

076207 20.5 R59 SER. F
Investigation of some local climate elements in a forest near Radziejowa in Beskid Sadecki mountains. (Pol) Kopec, S *Rocz Nauk Roln Ser F Melior Uzytkow Zielonych* 78 (2): 71-81. Ref. 1973

076208 99.8 SCO3
Climatic changes & their possible effects on forestry in Scotland. Lines, R *Scot Forest* 27 (2): 103-109. Apr 1973

076209 S13.S55
Effectiveness of forest shelterbelts in Altai Kulunda region. (Rus) IAshutin, N V *Sib Vestn S-kh Nauk* 1: 86-90. Jan/Feb 1973

076210 99.8 SK59
Norwegian Forestry Society as an information center for Norwegian forestry. (Swe) Elsrud, W *Skogsbruket* 43 (4): 82-85. Apr 1973

076211 99.8 W143
Results of control with regard to dying-off of pines in areas of immission of Niederlausitz. (Ger) Lux, H *Sozialistische Forstwirtsch* 22 (10): 310-312. Oct 1972

076212 41.8 SP3
A technique for surgical management of hip luxation. [Dogs]. Wright, D *Speculum* 25 (2): 14. Winter 1973

076213 99.8 SY52
Ways of improvement of state of health of forests in region of Cracow. (Pol) Capecki, Z *Sylwan* 117 (2): 1-10. Map. Eng. Sum. Feb 1973

076214 99.8 SY52
Forests of Sucha & Slemien in middle of XIXth century & now. (Pol) Kulig, L *Sylwan* 117 (2): 79-88. Map. Feb 1973

076215 A99.9 F7628U
Animal depredations on spot-seeded yellow-poplar in central Tennessee. [Liriodendron tulipifera]. Russell, T E *U S Forest Serv Res Note So* 148, 4 P. 1973

076216 20 V633
Agronomic role of forest stands on irrigated lands. [Windbreaks]. (Rus) Labaznikov, B V *Vestn Sel'skokhoz Nauk (moscow)* 3: 94-99. Ref. Eng. Sum. Mar 1973

076217 99.8 M69
Comparative investigations on uptake of sulphur dioxide from atmosphere by some Pinus species. (Ger) Godzik, S *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 319-334. Ref. Eng. Sum. 1972

076218 99.8 M69
Cell physiological & biochemical study of Picea abies needles fumigated with sulfur dioxide: resistance & buffer capacity. (Ger) Grill, D *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 367-386. Eng. Sum. 1972

076219 99.8 M69
Physiological & genetic response of Pinus strobus L. clones to sulfur dioxide & ozone exposures. Hoston, D B *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 387-398. Ref. 1972

076220 99.8 M69
Effect of solid pollutants on translocation of organic substances in growing shoots of conifers. [Abies grandis]. (Ger) Steinhubel, G *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 419-430. 1972

076221 99.8 M69
Damage to the assimilation apparatus in Scots pine and the resultatnt losses in wood volume increment. [Pinus sylvestris]. (Ger) Greszta, J *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 431-442. Eng. Sum. 1972

076222 99.8 M69
Effects of air & soil pollution by industrial waste on fructification of Scotch pine in Urals. [Pinus sylvestris]. Mamajev, S A *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 443-450. 1972

076223 99.8 M69
Damage to forest by detergent dust (W-dust). (Ger) Lampadius, F *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 451-471. Ref. Eng. Sum. 1972

076224 99.8 M69
Methods of evaluating degree of danger to forest associations by certain sources of air pollution. (Ger) Chrosciel, S *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 473-479. Eng. Sum. 1972

076225 99.8 M69
Air-pollution situation, forestry, & effect of counter-measures in Trutnov (Riesengebirge) fume damage region. (Ger) Tesar, V *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 481-491. Eng. Sum. 1972

076226 99.8 M69
Evaluation of growth of grafted spruce plants from fume-resistant clones in Erzgebirge fume-damage region. (Ger) Fer, F *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 493-509. Ref. Eng. Sum. 1972

076227 99.8 M69
Tubing fumigation method for selection of pines resistant to air pollutants. Gerhold, H D *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 511-520. Ref. 1972

076228 99.8 M69
Results of needle analyses from a fertilizer trial in a smoke-damaged Norway spruce stand. (Ger) Stefan, K *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 521-534. Ref. Eng. Sum. 1972

076229 99.8 M69
Influence of climate & topography on oxidant air pollution concentrations that damage conifer forests in southern California. Miller, P R *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 585-607. Ref. 1972

076230 99.8 M69
Economic importance of secondary noxious insects of pine on territories with chronic influence of industrial air pollution. (Ger) Sierpinski, Z *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 609-615. Eng. Sum. 1972

076231 99.8 M69
Damage to forest trees by lowering of water table in areas of atmospheric pollution. (Ger) Gunther, K H *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 617-623. Eng. Sum. 1972

076232 20 AK1
Hydrological & erosion control importance of forest shelterbelts. (Rus) Surmach, G P *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 3: 28-29. Ref. Mar 1973

076233 TD172.W36
NaCl [sodium chloride] contamination in pine trees determined by neutron activation techniques. Menlove, H O *Water Air Soil Pollut* 2 (1): 119-123. Mar 1973

076234 99.8 Y1
Women in forestry & environmental studies at yale: a progress report. Allen, R H *Yale Forest Sch News* 61 (1): 8-9. Apr 1973

FORESTRY MANAGEMENT

076235 280.8 AG82
On new trade regulation. [Agriculture, forestry]. (Ger) Massauer, E *Agr Rundsch* 2: 20-22. Apr 1973

076236 280.8 AG82
Development of 1972/73 Austrian agriculture & forestry: Diagnosis & tendencies. (Ger) Schneider, M *Agr Rundsch* 2: 28-33. Apr 1973

076237 280.8 AG82
Cooperation between forestry & sawmill industry. (Ger) Goess, L *Agr Rundsch* 2: 5-6. Apr 1973

076238 99.82 AL1
Changes in forest management that can be envisioned as a result of governmental restrictions. Noble, R E *Ala Forest Prod* 16 (5): 4-7. May 1973

076239 101 AL1A
Remote sensing for agriculture & forestry. [Aerial photography]. Pawluk, S *Alberta Univ Fac Agr Agr Bull* 19: 4-9. Spring 1973

076240 99.8 AL53
Deficiencies of forest economy. [Austria]. (Ger) Habersatter, H *Allg Forstzeitung* 83 (10): 264-265. Oct 1972

076241 99.8 AL53
Forest site determination & inventory at Institute for Forest Site Research. [Austria]. (Ger) Krapfenbauer, A *Allg Forstzeitung* 83 (10): 265-267. Oct 1972

076242 99.8 AL53
Situation of tourism in forests. (Ger) Gluck, P *Allg Forstzeitung* 84 (2): 41-42. Feb 1973

076243 99.9 C46
Growing Christmas trees as a business venture. Taber, D W *Amer Christmas Tree J* 17 (2): 7-11. May 1973

076244 99.9 AM33TE
Making most out of OSHA. [Occupational Safety & Health Act, logging]. Pearson, M W *Amer Pulpwood Ass Tech Pap* P. 31-37. Jan 1973

076245 421 AN9
On qulaification of root neck measures & 100 needle-weight as size measures for growth studies in forestry cultures after application of plant protective materials. (Ger) Munch, W D *Anz Schadlingsk Pflanzenschutz* 46 (5): 65-69. Ref. Eng. Sum. Mar 1973

076246 99.8 C33
Rationalization of sampling methods in forest mmanagement. (Ger) Sieber, R *Centralbl Gesamte Forstwesen* 90 (1): 21-34. Eng. Sum. Mar 1973

076247 99.8 ER2
Favorable test results of TDT-55 type forest tractors. (Hun) Kertesz, F *Erdogazdasag Faipar* 3: 13-14. Mar 1973

076248 99.8 ER2
Mechanization of forest nursery cleaning as silviculture. (Hun) Solymos, R *Erdogazdasag Faipar* 3: 3-4. Mar 1973

076249 281.9 F733E
Report to Government of Peru concerning development of forest resources in Callejon de Huaylas. (Spa) Schmeisser, E H *F A O Expanded Program Tech Assist FAo Rep* At 3139, 27 P., Map. 1972

076250 99.8 F792
Leaf roller-moth: Elements of forest policy of control from economic criteria of income. [Tortricidae, Canada]. (Fre) Nadeau, J P *Foret Conserv* 39 (4): 21-25. Apr 1973

076251 99.8 F792
1972 Statistics for forest fires. [Canada]. (Fre) Racine, C *Foret Conserv* 39 (4): 4-6. Apr 1973

076252 99.8 F7724
Mathematical-statistical evaluation methods & number of forest visitors. [Recreation]. (Ger) Roeder, A *Forst-holzwirt* 27 (19): 403-405. Oct 10, 1972

076253 99.8 F7724
Advantages of competition between state forests & private forests. (Ger) Hasel, K *Forst-holzwirt* 27 (21): 437-441. Nov 10, 1972

076254 99.8 F7724
Calculation of rental costs. [Forestry]. (Ger) Kunze, K *Forst-holzwirt* 28 (1): 4-6. Jan 10, 1973

076255 99.8 F7724
Provisional results from visitors accounts & -questioning in well wooded weekend & recreational areas. (Ger) Zundel, R *Forst-holzwirt* 28 (3): 38-42. Feb 10, 1973

076256 99.8 F7723
Assignments & problems of forest yield science in forestry research. (Ger) Seibt, G *Forstarchiv* 43 (11): 227-230. Ref. Eng. Sum. Nov 1972

076257 99.8 F7723
Thoughts on further development of long-term forest yield research studies. (Ger) Franz, F *Forstarchiv* 43 (11): 230-233. Eng. Sum. Nov 1972

076258 99.8 F7723
Role of management in race with time in logging of windfall trees caused by storm on November 13, 1972. (Ger) Mulder, D *Forstarchiv* 44 (3): 42-45. Mar 1973

076259 99.8 F7723
Volume correction factors for Norway spruce as an aid for managment calculations. [Picea abies]. (Ger) Kramer, H *Forstarchiv* 44 (5): 97-103. Ref. Eng. Sum. May 1973

076260 99.8 F775
On theory of angle count tests for forest inventory. (Ger) Zohrer, F *Forstwiss Centralbl* 92 (2): 53-68. Eng. Sum. Apr 1973

076261 11 G24L
Sale of state forest lands in Gavleborg district. (Swe) Age, P J *Gavleborgs Lans Hushallningssallsk Lantbrukstidskr* 49 (1): 10-11. 1973

076262 99.9 G71
Growth performance & optimum growth of black alder in comparable stands in northern, middle, & southern Europe [Alnus glutinosa]. (Ger) Glavac, V *Gottingen Univ Forstl Fak Schriftenreihe* 45, 61 P. Map. Ref. Eng. Sum. 1972

076263 100 IN2P (1)
Purdue forest data processing service program documentation. Moser, J W *Ind Agr Exp Sta Res Bull* 891, 48 P. Oct 1972

076264 99.8 IN2
Population dynamics of forest stands: an algebraic formulation-V. Seth, S K *Indian Forest* 99 (5): 247-262. May 1973

076265 99.8 IN2
Land use & forest type classification proposed for aerial photo-interpretation. Tomar, M S *Indian Forest* 99 (5): 281-295. Ref. May 1973

076266 QK1.I53
Interdiciplinary aspects in proposals for Mountain Park of Torino. (Ita) Vigliano, G *Inf Bot Ital* 4 (3): 195-199. Sept/Dec 1972

076267 QK1.I53
A proposal for a guided natural reserve on Turinese hills: Wood of Vai near Castagneto Po. (Ita) Peyronel, B *Inf Bot Ital* 4 (3): 215-219. Eng. Sum. Sept/Dec 1972

076268 99.8 L5632
Correct evaluation of damage caused by forest offenses. (Slo) Jamnicky, J *Les (Bratislava)* 19 (3): 103-106. 1973

076269 99.8 L5632
Results & tasks of research in forest protection. (Slo) Konopka, J *Les (Bratislava)* 19 (3): 106-108. 1973

076270 99.8 L5632
On possibility of using mathematical methods in management of forestry. (Slo) Gally, J *Les (Bratislava)* 19 (3): 118-120. 1973

076271 99.8 L5632
Institute of Computer Technics at College of Forestry & Wood Technology & its contribution to automation in forest management. (Slo) Suska, M *Les (Bratislava)* 28 (9): 408-411. Sept 1972

076272 99.8 L5632
Problems of fatal injuries in forestry of Slovakia. (Slo) Kuska, Z *Les (Bratislava)* 28 (9): 411-415. Sept 1972

076273 99.8 L5632
Forest management in Switzerland. (Slo) Gregus, C *Les (Bratislava)* 28 (9): 424-428. Sept 1972

076274 99.8 L56
Dwellings & stability of forest workers in borderland. (Cze) Andrle, A *Lesnicka Prace* 52 (1): 28-34. Eng. Sum. 1973

076275 99.8 L56
Some problems concerning perspective progress in use of computer technique. [Forestry]. (Cze) Novotny, M *Lesnicka Prace* 52 (1: 10-14. Eng. Sum. 1973

076276 99.8 L56
Advanced application of computers in forestry of socialist countries. (Cze) Bures, V *Lesnicka Prace* 52 (2): 57-59. Eng. Sum. 1973

076277 99.8 L56
Establishment, operation & economic evalutation of large-scale nurseries & their perspective. (Cze) Lauryn, M *Lesnicka Prace* 52 (2): 65-67. Eng. Sum. 1973

076278 99.8 L56
Present working plans for management of forest enterprises. (Cze) Stors, A *Lesnicka Prace* 52 (2): 68-72. Eng. Sum. 1973

076279 99.8 L56
Kyritz caliper a new technique of data collection in forestry. (Cze) Dejmek, M *Lesnicka Prace* 52 (2): 75-76. Eng. Sum. 1973

076280 99.8 L56
Prognosis of forestry amelioration progresss in Czechoslovakia up to year 1990. (Cze) Ferda , J *Lesnicka Prace* 52 (3): 102-108. Eng. Sum. 1973

076281 99.9 C334
Management of Czechoslovak state forests in years 1967 – 1970. (Cze) Bludovsky, Z *Lesnictvi* 19 (1): 1-15. Ref. Eng. Sum. Jan 1973

076282 99.9 C334
Height growth of Norway spruce stands in Czechoslovakia. [Picea abies]. (Cze) Halaj, J *Lesnictvi* 19 (1): 17-36. Ref. Eng. Sum. Jan 1973

076283 SD1.M3
A review of harvesting rights controversy on Baxter State Park. Holt, F E *Maine For Rev* 3/4: 14-15. Winter/Spring 1973

076284 SD1.M3
Maine Tree Growth Tax law. Mesker, R W *Maine For Rev* 3/4: 2-3. Winter/-Spring 1973

076285 SD1.M3
Development of Maine's new forest taxation law. Coupe, J D *Maine For Rev* 3/4: 3-7. Winter/Spring 1973

076286 284.9 M58
Prospects for increased woods labor organization. Granskog, J E *Mich Agr Exp Sta Res Rep* 201, 16 P. Mar 1973

076287 99.9 M764
Relationship of D.B.H. [diameter breast high] to stump diameter for four Montana coniferous species. [Pseudotsuga menziesii glauca, Pinus, Larix occidentalis]. Lange, R W *Mont Forest Conserv Exp Sta Res Notes* 12, 4 P. Apr 1973

076288 100 M69MI
Profile of Mississippi forest landowners. Moak, J E *MAFES Res Highlights (miss Agric For Exp Stn)* 36 (5): 1, 8. May 1973

076289 500 N21P
Tropism of Mycoplasma gallispeticum for arterial walls. [Turkeys, encephalopathy]. Clyde, W A *Nat Acad Sci Proc* 70 (5): 1545-1549. May 1973

076290 99.8 N815
Forest taxation. (Nor) Ludvigsen, F P *Norsk Skogbruk* 19 (2): 35-37. Feb 1973

076291 99.8 N815
High timber production & increase in net profits. 1. farm forest in 1971. (Nor) Andersen, G *Norsk Skogbruk* 19 (2): 41-43. Feb 1973

076292 100 OR3M
Management of forested grazing lands in northeastern Oregon. Vavra, M *Oreg Agr Exp Sta Spec Rep* 384: 42-48. May 1973

076293 325.28 P56
Bias from photo intensity. [Forest surveys]. Payandeh, B *Photogramm Eng* 39 (5): 473-476. May 1973

076294 99.8 Q2
Problems in measurement of direct & overhead costs in forestry. MacGregor, J J *Quart J Forest* 67 (2): 104-110. Apr 1973

076295 107.6 M41
Research on usefulness of various types of callipers: analysis of their precision & effiency for forest stand. (Jap) Sugahara, S *Shinshu Univ Fac Agr J* 9 (2): 1-39. Dec 1972

076296 99.9 F497
Size of stems in estimating time consumption per tree of processors. (Fin) Karkkainen, M *Silva Fenn* 7 (1): 1-7. Ref. Eng. Sum. 1973

076297 99.9 F497
Landscape preferences of professional foresters. (Fin) Loven, L *Silva Fenn* 7 (1): 8-23. 1973

076298 99.8 SK59
More labor & capital for forest fertilization. (Swe) Salonen, K *Skogsbruket* 43 (2): 32-33. Feb 1973

076299 99.8 SK59
Forest as a work site is changing its appearance. [labor]. (Swe) Turku, R *Skogsbruket* 43 (3): 56-57. Mar 1973

076300 99.8 W143
Production methods similar to industry in forest nursery. (Ger) March, B *Sozialistische Forstwirtsch* 22 (1): 299-303. Oct 1972

076301 99.8 W143
Do economic regulations for improvement of condi tions of forests & of utilization of wood block further development of production methods similar to industry? (Ger) Schroeder, G *Sozialistische Forstwirtsch* 22 (10): 294-297. Oct 1972

076302 99.8 W143
Experiences concerning application of electronic data pr ocessing in forest industry in Soviet Union. (Ger) Sapolski, B A *Sozialistische Forstwirtsch* 22 (12): 354-355, 371. Ref. Dec 1972

076303 99.8 W143
Effects of economic regulations of forestry in 1971 [East Germany]. (Ger) Engelhardt, E *Sozialistische Forstwirtsch* 22 (12): 359-360. Dec 1972

076304 99.8 W143
Economic regulations & transition to production similar to industry in socialist forestry. [East Germany]. (Ger) Schroeder, G *Sozialistische Forstwirtsch* 22 (12): 365-368. Dec 1972

076305 99.8 W143
Scientific-technical co-operation of All Union Institute of Silviculture & Mechanization of Forestry with member countries of Council for Mutual Economic Assistance in field of forestry. (Ger) Mikhailov, L *Sozialistische Forstwirtsch* 22 (6): 164-166. June 1972

076306 99.8 W143
Perspectives of technical development of forest industry in Soviet Union & effects on co-operation in forestry of countries of Council for Mutual Economic Assistance. (Ger) Stupnev, G *Sozialistische Forstwirtsch* 22 (6): 166-169. June 1972

076307 99.8 W143
Complex utilization of wood as raw material in integrated scientific-technical program of Council for Mutual Economic Assistance countries. (Ger) Perlac, X *Sozialistische Forstwirtsch* 22 (6): 170-171. June 1972

076308 99.8 W143
Council for Mutual Economic Assistance conference of exports about methods of prognosis in forestry. (Ger) Milnik, A *Sozialistische Forstwirtsch* 22 (6): 174-175. June 1972

076309 99.8 W143
First experience with enterprises vertical structural within Hungarian forestry. (Ger) Kocsmar, F *Sozialistische Forstwirtsch* 22 (6): 176-179. June 1972

076310 99.8 W143
Organization of harvesting & transport of small-sized wood & of poles in People's Republic of Poland. (Ger) Czereyski, K *Sozialistische Forstwirtsch* 22 (6): 183-187. June 1972

076311 99.8 W143
Inspection & control of effectiveness of characteristics of forest conditions & wood utilization for economic regulations during years from 1973 to 1975. (Ger) Smollich, G *Sozialistische Forstwirtsch* 23 (1): 10-11. 1973

076312 99.8 W143
Counter-controls independent of enterprises secure improvement of forest condition & wood utilization. (Ger) Grossmann, H *Sozialistische Forstwirtsch* 23 (1): 4-6. 1973

076313 99.8 W143
Present & future book supervision of forest stock in coordination with annual keeping to actuality of management book's data lines. (Ger) Barth, R *Sozialistische Forstwirtsch* 23 (1): 7-9. 1973

076314 99.8 W143
Economically based & permissible values of trees becomming dry in stands of pine according to forest sanitary points of view. (Ger) Lembcke, G *Sozialistische Forstwirtsch* 23 (2): 43-46. Feb 1973

076315 99.8 W143
To designation of felling sequence of final felling stands. (Ger) Lucas, G *Sozialistische Forstwirtsch* 23 (2): 55-57. Feb 1973

076316 99.8 W143
Natural prerequisites of forestry & timber industry in Monogolian People's Republic. (Ger) Schrotter, H *Sozialistische Forstwirtsch* 23 (2): 58-60. Feb 1973

076317 99.8 SU6
Rational use & management of forests – great contribution of forestry in preservations & improvement of natural environment of man. (Cro) Kevo, R *Sumarski List* 96 (11/12): 415-425. Eng. Sum. 1972

076318 99.8 SU6
Economic benefits from tourism & use of forests. (Cro) Bura, D *Sumarski List* 96 (11/12): 442-455. 1972

076319 SD1.S952
Development of logging productivity, 1950/1970. (Swe) Embertsen, S *Sveriges Skogsvardsforb Tidskr* 71 (2): 113-151. Eng. Sum. 1973

076320 SD1.S952
Cost-benefit analysis of reforestation. Wiksten, N A *Sveriges Skogsvardsforb Tidskr* 71 (2): 167-181. 1973

076321 99.8 SY52
Precision of determination of bark volume proportion [Pinus] in pine stands on base of volume tables. (Pol) Rymer-Dudzinska, T *Sylwan* 117 (2): 21-28. Eng. Sum. Feb 1973

076322 99.8 SY52
New method putting traverses in forests. (Pol) Kosinski, W *Sylwan* 117 (2): 29-41. Ref. Eng. Sum. Feb 1973

076323 99.8 SY52
Spatial situation of optimum road network in mountain forest, illustrated by example of complex 'Romanka'. (Pol) Solik, J *Sylwan* 117 (2): 43-51. Map. Eng. Sum. Feb 1973

076324 99.8 T432
Examination of information represented by Economic Map Series; topographic details. [Forest surveys]. (Nor) Pedersen, I *Tidsskr Skogbruk* 81 (1): 19-56. Eng. Sum. 1973

076325 99.8 T432
Control inventory of a stand surveyed in Geitastrand, Sor-Trondelag. [Forest measurement]. (Nor) Nersten, S *Tidsskr Skogbruk* 81 (1): 3-18. Eng. Sum. 1973

076326 99.8 T432
Functions for estimating balance quantity. [Forest measurement]. (Nor) Gjolberg, R *Tidsskr Skogbruk* 81 (1): 57-71. Eng. Sum. 1973

076327 99.8 T432
Operational research methods applied to forestry problems. (Nor) Risvand, J *Tidsskr Skogbruk* 81 (1): 81-94. Ref. Eng. Sum. 1973

076328 aSD11.A33
Local net timber volume equations for Wisconsin. Hahn, J T *U S Forest Serv Res Note NC* 149, 4 P. Map. 1973

076329 A99.9 F7652
Projection-viewer for microscale aerial photography. [Forest surveys]. Aldrich, R C *U S Forest Serv Res Note PSw* 277, 4 P. 1972

076330 A99.9 F7623UN
Height growth of shortleaf pine progenies from trees selected for resistance to littleleaf disease. [Pinus echinata, Phytopthora cinnamomi]. Bryan, W C *U S Forest Serv Res Note Se* 185, 7 P. Feb 1973

076331 A99.9 F7623UN
Land-use changes which affected Georgia's forest land, 1961 – 1972. Knight, H A *U S Forest Serv Res Note Se* 189, 4 P. Map. Mar 1973

076332 aSD11.A34
Some soil phases in Missouri Ozarks have similar site indexes for oaks. [Quercus]. Watt, R F *U S Forest Serv Res Pap NC* 86, 5 P. Ref. 1973

076333 aSD11.A35
Wisconsin's 1968 timber resourc – a perspective. Spencer, J S *U S Forest Serv Resour Bull NC* 15, 80 P. 1972

076334 A99.9 F7628UR
Forest statistics for Alabama counties. Hedlund, A *U S Forest Serv Resource Bull So* 39, 65 P. Map. 1973

076335 18 UB3
How much does a forest cost? how to do accounting for forest damages? (Ger) Mann, H J *Ubersicht* 24 (2): 123-125. Feb 10, 1973

076336 aSD11.A352
Tree breeding as a forest management supplement – economical, sociological, & ecological considerations. White, G *USDA For Serv Gen Tech Rep NC North Cent For Exp Stn Fo R Serv U S Dep Agric* 3: 21-25. 1973

076337 aSD11.A352
Increased wood-fiber production: technology, economics, & ecology. Bentley, W R *USDA For Serv Gen Tech Rep NC North Cent For Exp Stn Fo R Serv U S Dep Agric* 3: 26-29. Ref. 1973

076338 aSD11.A352
Minimal approches to genetic improvement of growth rates in white spruce. [Picea glauca, costs]. Lester, D T *USDA For Serv Gen Tech Rep NC North Cent For Exp Stn Fo R Serv U S Dep Agric* 3: 40-44. 1973

076339 99.82 M72
Constitutional reformation of forest industry & promotion of housing enterprises. L. Industralization of wood production. (Jap) Toya, H *Wood Ind (jap)* 28 (5): 2-5. May 1973

076340 99.8 W856
Effect of site preparation on growth of planted Southern pines. [Pinus elliottii, Pinus taeda]. Malac, B F *Woodland Res Notes* 29, 9 P. May 1973

SILVICULTURE

076341 442.9 AK132
On problem of artificial reforestation in Kura River blet. (Rus) Aliev, G A *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 3: 37-48. 1972

076342 500 AL12
Clearcutting silvicultural system. DeBrunner, L E *Ala Acad Sci J* 43 (1): 23-31. Jan 1973

076343 99.8 AL53
Institute for Silviculture – retrospect & outlook. [Austria]. (Ger) Mayer, H *Allg Forstzeitung* 83 (10): 270-271. Oct 1972

076344 99.8 AL53
Perennial lupine in service of reforestation & landscape conservation. (Ger) Fuchs, G *Allg Forstzeitung* 84 (2): 43-45. Feb 1973

076345 99.9 C46
Seed origins of Scotch pine for Christmas trees in Nebraska. [Pinus sylvestris]. Read, R A *Amer Christmas Tree J* 17 (2): 21-26. May 1973

076346 99.9 C46
Developing Christmas trees for South Carolina. Schoenike, R E *Amer Christmas Tree J* 17 (2): 33-39. May 1973

076347 99.8 AR14
Maintenance of urban forest. Tate, R L *Arborist's News* 38 (6): 61-64. June 1973

076348 389.78 AR22
Influence of an energy variance & crude protein content in all-mash on liveweight gains, feed-, crude proteinand energy-consumption & efficiency of broilers. (Ger) Flachowsky, G *Arch Tierernahr* 23 (3): 225-235. Ref. Eng. Sum. Apr 1973

076349 SD1.B71
Genetic improvement of Pinus in south of U.S.A.: These include following species; Pinus taeda, Pinus elliottii, Pinus palustri, Pinus echinata, Pinus elliotti var. densa. (Por) Zobel, B J *Bras Florestal* 3 (12): 19-28. Oct/Dec 1972

076350 SD1.B71
Planting of Eucalyptus grandis & Eucalyptus saligna with irrigation from ground. (Por) Mesquita, R *Bras Florestal* 3 (12): 3-13. Oct/Dec 1972

076351 100 C12CAG
Nursery spacing container-grown trees. Harris, R W *Calif Agr* 27 (3): 12-14. Mar 1973

076352 SD13.C35
Line-throwing gun & cutter for obtaining branches from tree crowns. Collis, D G *Can J Forest Res Rev Can Rech For* 3 (1): 149-154. Mar 1973

076353 302.9 EN8
Association for Poplar Culture of Cartiere Riunite Donselli & Meridionali: Gussola, Breme & Boscone. (Ita) Ponticelli, P *Cell Carta* 24 (1): 25-40. Maps. Jan 1973

076354 24 EA74
Clean cultivation & establishment of Pinus kesiya in Zambia. Endean, F *East Afr Agr Forest J* 38 (2): 120-12.. Ref. Oct 1972

076355 99.9 F7626A
Genetic control in a pine nursery. [Pinus sylvestris]. (Swe) Hadders, G *For Skogstradsforadling Arsbok* P. 120-139. Map. Eng. Sum. 1973

076356 99.9 F7626A
Progeny testing in a pine nursery; based on ten year old progeny. (Swe) Johnsson, H *For Skogstradsforadling Arsbok* P. 140-159. 1973

076357 99.9 F7626A
Seed growth in a pine nursery in Central Sweden. [Pinus sylvestris]. (Swe) Blomqvist, S *For Skogstradsforadling Arsbok* P. 87-119. Eng. Sum. 1973

076358 99.8 F792
So, one prescribes fires now? [Forests, burning]. (Fre) Vezina, P E *Foret Conserv* 39 (4): 16-17. Ref. Apr 1973

076359 99.8 F7724
Regeneration of Sorbus torminalis 1. (Ger) Rohrig, E *Forst-holzwirt* 27 (19): 401-403. Oct 10, 1972

076360 99.8 F7724
Fertilizing experiment with Larix leptolepis & Picea sitchensis in mixed culture on sandy soils. [Reforestation]. (Ger) Wandt, H *Forst-holzwirt* 27 (21): 444-447. Nov 10, 1972

076361 99.8 F7724
Provenance studies with Pinus at Gahrenberg Forest Office (North Hesse). (Ger) Bonnemann, A *Forst-holzwirt* 28 (3): 37-38. Feb 10, 1973

076362 99.8 F7724
Estimation of supply of seeds & plants needed for reforestation of wind eroded areas. (Ger) Kleinschmit, J *Forst-holzwirt* 28 (5): 77-79. Mar 10, 1973

076363 99.8 F7724
Culture & results of planting oak on sites fit for quality timber in northern Lower Saxony. (Ger) Ripken, H *Forst-holzwirt* 28 (5): 80, 82-86, 88-92, 94. Ref. Mar 10, 1973

076364 99.8 F7724
Reforestation of Pinus cutover lands. (Ger) Lessel, W *Forst-holzwirt* 28 (5): 94-96. Mar 10, 1973

076365 99.8 F7723
Results of long-term observations on promotion of natural regeneration of beech by means of different methods of soil preparation. [Fagus]. (Ger) Huss, J *Forstarchiv* 43 (11): 233-239. Eng. Sum. Nov 1972

076366 99.8 G74
Cultivation of larch trees out of its range of natural distribution. [Larix]. (Cro) Cimpersek, M *Gozdarski Vest* 31 (2): 55-64. Mar 1973

076367 442.8 H42
Inbreeding depression in an old experimental plantation of Picea abies. Eriksson, G *Hereditas* 73 (2): 185-193. 1973

076368 99.8 IN2
Thinnings: reconsidered. [Forest trees]. Chahal, S S *Indian Forest* 99 (5): 263-274. May 1973

076369 410 J828
Biological & economic production in radiata pine plantations. Forrest, W G *J Appl Ecol* 10 (1): 259-267. Apr 1973

076370 99.9 SO19
Monographs on eucalypts in Israel: Katherine, N.T., ecotype of Eucalyptus camaldulensis Dehn. (Heb) Karschon, R *La-yaaran* 22 (3): 36-39. Ref. Eng. Sum. Sept 1972

076371 99.8 L5632
Frost resistance of stands & plus-trees of european larch & their utilization for afforestation. (Slo) Krizan, P *Les (Bratislava)* 19 (3): 109-113. 1973

076372 99.8 L5632
Cultivation of European spruce. [Picea]. (Slo) Lehotsky, L *Les (Bratislava)* 28 (9): 385-388. Sept 1972

076373 99.8 L5632
Some important types of Scots pine in Slovakia. [Pinus sylvestiris]. (Slo) Laffers, A *Les (Bratislava)* 28 (9): 389-393. Sept 1972

076374 99.8 L5632
Significance of height provenance of spruce & fir. (Slo) Lehotsky, L *Les (Bratislava)* 29 (2): 59-60. 1973

076375 99.8 L5622
On efficient movement of equipment with improvement cutting in young stands. (Rus) Gaas, A A *Les Khoz* 2: 27-31. Feb 1973

076376 99.8 L5622
Technology of establishing clone seed orchards for Quercus. (Rus) Belous, V I *Les Khoz* 2: 41-45. Feb 1973

076377 99.8 L56
Rationalization of silvicultural operations. (Cze) Staud, V *Lesnicka Prace* 52 (1): 23-27. Eng. Sum. 1973

076378 99.8 L56
Present possibilities of reducing seasonal aspects in afforestation work. (Cze) Lokvenc, T *Lesnicka Prace* 52 (3): 115-118. Eng. Sum. 1973

076379 99.9 C334
Distribution, growth & utilization of economically important spruce trees in Canada. [Picea]. (Cze) Skoupy, J *Lesnictvi* 19 (1): 85-90. Jan 1973

076380 S560.M32
Use & care of forests & forest improvement measures in land settlement & land use activities. (Fin) Kukko, T *Maatalous-hallinnon Aikak* 1: 6-12. 1973

076381 284.9 M58
A 4-year provenance test of jack pine. [Pinus banksiana]. Canavera, D S *Mich Agr Exp Sta Res Rep* 204, 7 P., Map. Ref. Mar 1973

076382 99.8 N815
Sod bonding methods. [Silviculture]. (Nor) *Norsk Skogbruk* 19 (1): 5. Jan 1973

076383 99.8 N815
Adapting to new nursery methods. [Silviculture]. (Nor) Kohmann, K *Norsk Skogbruk* 19 (1): 7-9. Jan 1973

076384 99.8 N815
Decline & growth after autumn planting of spruce. [Picea]. (Nor) Solbraa, K *Norsk Skogbruk* 19 (4): 93-94. Mar 1973

076385 99.8 R3252
Information on cultivation of Aleppo pine (Pinus halepensis Mill) in semi-arid & subhumid region of province of LaPampa, Argentina. (Spa) Poduje, L *Rev Forest Argentina* 17 (1): 11-17. Ref. Jan/Mar 1973

076386 99.8 R3293
Vegetative propagation of Bombacopsis quinata (Jacq) Dugant by grafts. (Spa) Melchior, G H *Rev Forest Venezolana* 14 (21): 57-64. Jan/Dec 1971 (Pub. 1972)

076387 SF1.R54
Regeneration of coniferous forests. (Ita) Fazio, F M *Rilancio Agric Vet Zootec* 4 (11/12): 10-12. 1972

076388 99.9 F497
Betula verrucosa plantations on peat. [Afforestation, Godronia multispora]. (Fin) Lehtiniemi, T *Silva Fenn* 7 (1): 24-44. Ref. Eng. Sum. 1973

076389 99.9 F497
Milled peat & milled bark as substrate for Pinus sylvestris seedlings in greenhouses. (Fin) Laatikainen, P *Silva Fenn* 7 (1): 45-59. Eng. Sum. 1973

076390 9 SO1
Eucalyptus & pine tree nurseries. [Pinus]. (Spa) Robles Lobos, W *Soc Rural Argent An* 106 (12): 48-49. Dec 1972

076391 99.8 W143
Silvicultural problems by combined thinning in Poland. (Ger) Bernadzki, E *Sozialistische Forstwirtsch* 22 (6): 180-182. June 1972

076392 99.8 W143
Results of studies on growth of spruce species used in afforestation. (Ger) Zimmermann, R *Sozialistische Forstwirtsch* 23 (1): 18-20. 1973

076393 99.8 SU6
New developments in reforestation of damaged karst area. (Cro) Vidakovic, M *Sumarski List* 96 (11/12): 426-431. 1972

076394 99.8 SU6
Natural regeneration of infested fir stands. [Argyresthia fundella]. (Cro) Slavko, M *Sumarski List* 96 (11/12): 432-441. Map. Ref. Eng. Sum. 1972

076395 54.8 SU7
Betula pubescens & Betula verrucosa on peat. [Cultivation]. (Fin) Mikola, P *Suo* 24 (1): 1-3. Mar 16, 1973

076396 54.8 SU7
On potential growth of Betula pubescens on drained peat. (Fin) Saramaki, J *Suo* 24 (1): 16-19. Eng. Sum. Mar 16, 1973

076397 54.8 SU7
Afforestation of open peatlands with Betula pubescens & Betula verrucosa. (Fin) Kaunisto, S *Suo* 24 (1): 4-7. Eng. Sum. Mar 16, 1973

076398 SD1.S952
Mulch planting. [Silviculture]. (Swe) Callin, G *Sveriges Skogsvardsforb Tidskr* 71 (2): 107-112. Eng. Sum. 1973

076399 SD1.S952
Pinus contorta in Scotland. (Swe) Remrod, J *Sveriges Skogsvardsforb Tidskr* 71 (2): 153-166. 1973

076400 SD1.S952
State of young reforestations in Sweden, 1964/1969. (Swe) Barring, U *Sveriges Skogsvardsforb Tidskr* 71 (2): 95-105. Eng. Sum. 1973

076401 99.8 SY52
Actual problems of tree planting in Poland. (Pol) Milewski, J *Sylwan* 117 (2): 69-78. Ref. Feb 1973

076402 451 IN85
Natural regeneration of Kambui Hills forest in eastern Sierra Leone. III. results of silvicultural treatment & management consideration. Fox, J E D *Trop Ecol* 13 (2): 139-164. Ref. Dec 1972

076403 A99.9 F76US
Genetics of white spruce. [Picea glauca]. Nienstaedt, H *U S Forest Serv Forest Insect Lab Res Pap Wo* 15, 24 P. Ref. Aug 1972

076404 A99.9 F7623UN
'washed' eucalyptus [grandis] planting stock – combining containerization with bare-rooting. Meskimen, G *U S Forest Serv Res Note Se* 190, 8 P. Apr 1973

076405 A99.9 F7623UN
Inducing lightwood in pine trees by paraquat treatment. Roberts, D R *U S Forest Serv Res Note Se* 191, 4 P. Apr 1973

076406 A99.9 F7628U
Horizontal planting of green ash cuttings looks promising. [Fraxinus pennsylvanica lanceolata]. Kennedy, H E *U S Forest Serv Res Note So* 147, 3 P. 1972

076407 A99.9 F7632U
A provisional tree seed-zone & cone-crop rating system for Arizona & New Mexico. [Reforestation]. Schubert, G H *U S Forest Serv Res Pap Rm* 105, 8P., Map. Ref. Apr 1973

076408 A99.9 F7628US
Regenerating loblolly pine by direct seeding, natural seeding, & planting. [Pinus taeda]. Campbell, T E *U S Forest Serv Res Pap So-* 84, 9 P. Map. 1973

076409 aSD11.A352
Joint proceedings of tenth Lake States Forest Tree Improvement Conference & seventh Central States Forest Tree Improvement Conference, Sep *USDA For Serv Gen Tech Rep NC North Cent For Exp Stn Fo R Serv U S Dep Agric* 3, 61 P. Ref. 1973

076410 aSD11.A352
Practical breeding of cottonwood in North-Central Region. [Populus]. Mohn, C A *USDA For Serv Gen Tech Rep NC North Cent For Exp Stn Fo R Serv U S Dep Agric* 3: 35-39. Ref. 1973

076411 aSD11.A352
Genetically improved conifers for Lake States. Wright, J W *USDA For Serv Gen Tech Rep NC North Cent For Exp Stn Fo R Serv U S Dep Agric* 3: 4-8. 1973

076412 aSD11.A352
Practical breeding programs for jack pine in Lake States. [Pinus banksiana]. King, J P *USDA For Serv Gen Tech Rep NC North Cent For Exp Stn Fo R Serv U S Dep Agric* 3: 45-49. Ref. 1973

076413 aSD11.A352
Western Gulf Forest Tree Improvement program, history & organization. Buijtenen, J P van *USDA For Serv Gen Tech Rep NC North Cent For Exp Stn Fo R Serv U S Dep Agric* 3: 50-52. 1973

076414 aSD11.A352
New England Spruce-Fir Seed Orchard Program. [Picea, Rabies]. Gibbs, C B *USDA For Serv Gen Tech Rep NC North Cent For Exp Stn Fo R Serv U S Dep Agric* 3: 53-56. 1973

076415 aSD11.A352
Genetic improvement of hardwood fiber production in North-Central Region: potentials & breeding alternatives. Farmer, R E *USDA For Serv Gen Tech Rep NC North Cent For Exp Stn Fo R Serv U S Dep Agric* 3: 9-15. Ref. 1973

076416 99.8 M69
Tubing fumigation method for selection of pines resistant to air pollutants. Gerhold, H D *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 511-520. Ref. 1972

076417 99.9 W262
Attempts of conservation of monumental oaks at Rogalin. (Pol) Ratajczak, Z *Warsaw Szkola Glowna Gosp Wiejsk Lesnictwo* 18: 125-131. Eng. Sum. 1972

FOREST INDUSTRIES

076418 280.8 AG82
Cooperation between forestry & sawmill industry. (Ger) Goess, L *Agr Rundsch* 2: 5-6. Apr 1973

076419 99.82 AL1
How future technological advancements in harvesting & manufacturing equipment might affect your forestry program. Wishart, J E *Ala Forest Prod* 16 (5): 14-16, 18. May 1973

076420 99.8 AL53
Development of rendering forests accessible in Austria. [Forest roads]. (Ger) Neuberger, E *Allg Forstzeitung* 84 (3): 63-64. Mar 1973

076421 99.8 AL53
Remembering early days of mechanized road building in Steiermark. (Ger) Moises, J *Allg Forstzeitung* 84 (3): 64-66. Mar 1973

076422 99.8 AL53
Twenty five years of mechanized road building. (Ger) Schonauer, H *Allg Forstzeitung* 84 (3): 66-67. Mar 1973

076423 99.8 AL53
Organization of forest road construction. (Ger) Hackl, W *Allg Forstzeitung* 84 (3): 67-69. Mar 1973

076424 99.8 AL53
Drilling equipment in forest road building. (Ger) Hackermuller, W *Allg Forstzeitung* 84 (3): 69-71. Mar 1973

076425 99.8 AL53
Practical results in mechanized rock removal. [Forest roads]. (Ger) Neuber, B *Allg Forstzeitung* 84 (3): 72-74. Mar 1973

076426 99.8 AL53
Forest road building in flysch zone. (Ger) Sedlak, O *Allg Forstzeitung* 84 (3): 75-77. Mar 1973

076427 99.9 C46
Christmas tree marketing; a bibliography (1973 supplement). Nolley, J W *Amer Christmas Tree J* 17 (2): 13-17. Ref. May 1973

076428 99.9 C46
Better facts to beat artificial tree. [Christmas trees]. Foulds, R T *Amer Christmas Tree J* 17 (2): 3-4. May 1973

076429 99.9 AU75
Cracking round timber: a discussion about causes with special reference to impact. Barnacle, J E *Aust Commonw Sci Indus Res Organ Div Forest Prod Tech Pap* 68, 13 P. 1973

076430 99.81 AU7
Technical & economic factors in export of wood chips from Australia & Papua/New Quinea. I. Higgins, H G *Aust For Ind J* 39 (1): 47-50, 53. Ref. Feb 1973

076431 475 AU73
Extractives of Australian timbers. .IL. Minor sapogenins of Castanospermum australe (Leguminosae). A stereospecific systhesis of methyl 2beta,3beta-dihydroxyolean-12-en-28-oate. Bannon, C D *Australian J Chem* 26 (3): 629-639. Ref. Mar 1973

076432 475 AU73
Chemical constituents of Australian Zanthoxylum species. VI. Further examination of constituents of bark of Zanthoxylum conspersipunctatum (Rutaceae). Krajniak, E R *Australian J Chem* 26 (3): 687-689. Mar 1973

076433 99.9 R273
Possibilities of use & effects of application of Critical Path Method for planning supplies & steps in production in typical size enterprise of timber industry. (Ger) Heigenhauser, B *Bundesforschunganst Forst-Holzwirt Mitt* 91, 327 P. Ref. 1972

076434 QD321.C4
Studies on conditioning of small logs of pine wood with steam under different pressure & preservation with sulphate cooking liquor. (Ger) Poller, S *Cellul Chem Technol* 7 (1): 121-134. Eng. Sum. 1973

076435 309.8 C334
Introduction of statistic control of Zarnesti Pulp & Paper Mill. (Rom) Stancana, M *Celuloza Hirtie* 22 (1): 30-34. Eng. Sum. Jan 1973

076436 309.8 C334
On defects of hornbeam wood (Carpinus betulus L.). I. Morphological aspects of wood. (Rom) Popescu, G *Celuloza Hirtie* 22 (1): 7-14. Eng. Sum. Jan 1973

076437 309.8 C334
Use of Eoniferae branches in manufacturing of sulphate pulp. (Rom) Nacu, A *Celuloza Hirtie* 22 (2): 49-58. Eng. Sum. Feb 1973

076438 99.8 EM72
Compression wood studies in provenances of Pinus kesiya Royle ex Gordon in Zambia. Hans, A S *Commonwealth Forest Rev* 52 (1): 27-30. Mar 1973

076439 99.82 D81
New methods of drying, evaluation & improvement of veneer quality. (Cze) Repka, P *Drevo* 28 (2): 40-41. Eng. Sum. Feb 1973

076440 99.82 D81
Preparing concepts of development trends in wood & furniture industry till year 1990. (Slo) Jaks, M *Drevo* 28 (3): 65-66, 73. Mar 1973

076441 99.82 D81
Criteria for evaluation of some physical & mechanical properties of ash wood & their significance. [Fraxinus]. (Slo) Matovic, A *Drevo* 28 (3): 67-73. Eng. Sum. Mar 1973

076442 99.82 D81
Problem of wood – plastics relation in furniture manufacture. (Cze) Svancara, F *Drevo* 28 (3): 74-77. Ref. Eng. Sum. Mar 1973

076443 99.82 D81
Some problems of plywood manufacture development in Czechoslovakia. (Slo) Polacik, A *Drevo* 28 (3): 77-79, 96. Eng. Sum. Mar 1973

076444 99.82 D81
Wood products in sanitary facilities of agricultural buildings. (Slo) Knapo, A *Drevo* 28 (3): 80-82. Eng. Sum. Mar 1973

076445 281.9 F733E
Aspects of timber processing. Morrow, E A *F A O Expanded Program Tech Assist FAo Rep* Ta3144, 10 P. 1972

076446 99.9 F73T
Wood & plastics, a general review. Runeberg, L *F A O Timber Bull Eur* 24 (Suppl. 5): 55-69. May 1972

076447 99.9 F73T
Annual forest products market review; 1971 & up to 1 October 1972. II. Hardwoods (temperate-zone). *F A O Timber Bull Eur* 25 (Suppl. 1), 62 P. Dec 1972

076448 99.82 F14
Conception of productivityand techniques improvement i n timber industry for fourth five year plan. (Hun) Lonkai, J *Faipar* 22 (10): 317-321. Oct 1972

076449 99.82 F14
Utilization of waste material from lumber industry for heat generation. (Hun) Szabo, A *Faipar* 22 (10): 328-336. Oct 1972

076450 99.82 F14
Bases of strength characteristics for plywood panels. I. (Hun) Kovacs, Z *Faipar* 22 (10): 336-342. Oct 1972

076451 99.82 F14
Study of structure & properties of urea formaldehyde resins. (Hun) Laszlo, L *Faipar* 22 (10): 343-347. Oct 1972

076452 99.8 F713
Future for forest-industry products in United Kingdom. Runeberg, L *Folia Forest* 168, 78 P. Ref. 1973

076453 99.8 F7724
Timber harvesting & marketing on way to individual solution. (Ger) Grammel, R *Forst-holzwirt* 28 (1): 1-3. Jan 10, 1973

076454 99.8 F7724
Integrated marketing. [Timber]. (Ger) Dietz, P *Forst-holzwirt* 28 (1): 8-10. Jan 10, 1973

076455 99.8 F7723
Transportation of beech-wood from forest to mill. (Ger) Wotherspoon, A *Förstarchiv* 43 (12): 256-259. Eng. Sum. 1972

076456 99.8 F7723
Results of preservation of storm thrown timbers. (Ger) Delorme, A *Forstarchiv* 44 (3): 46-47. Mar 1973

076457 99.8 F7723
Logging & transportation of pine wood trunks from storm attack of 1972. (Ger) Haberle, S *Forstarchiv* 44 (3): 47-49. Mar 1973

076458 99.8 F7723
Transportation of windfall trees in relation to demand on forest roads. (Ger) Waldschmidt, M *Forstarchiv* 44 (3): 49-52. Ref. Mar 1973

076459 99.8 F7723
Dry piling of logs & their mechanical debarking. (Ger) Sterzik, H K *Forstarchiv* 44 (3): 52-55. Mar 1973

076460 99.8 F7723
Biological & chemical control measures of blue stain infection & crack formation in stored pine wood [Decay]. (Ger) Koltzenburg, C *Forstarchiv* 44 (3): 55-58. Ref. Mar 1973

076461 99.8 F7723
Technique & costs of wet storage of round timber. (Ger) Kuba, E *Forstarchiv* 44 (3): 58-62. Mar 1973

076462 99.8 F7723
Changes in properties of watered & wetstored windfallen pine wood. (Ger) Knigge, W *Forstarchiv* 44 (3): 62-69. Ref. Mar 1973

076463 99.8 F7723
Sawmill capacity of north German Lowland. (Ger) Wagner, H *Forstarchiv* 44 (3): 64-67. Map. Mar 1973

076464 99.8 F7723
Possibilities & limits of utilization of mobile sawmills in forest area affected by storm damage. (Ger) Sachsse, H *Forstarchiv* 44 (3): 67-69. Ref. Mar 1973

076465 99.8 F7723
Logging storm thrown pole woods – handling logging debris. (Ger) Haberle, S *Forstarchiv* 44 (3): 69-71. Mar 1973

076466 99.8 F7723
Some soil ecological & environmental consequences in relation to handling variants of wind-thrown pole wood. (Ger) Ulrich, B *Forstarchiv* 44 (3): 71-73. Mar 1973

076467 99.8 F7794
Bark utilization – a problem. (Ger) Storch, K *Forsttech Inform* 24 (12): 91-94. Dec 1972

076468 S15.G5
Truth on cellulose market. (Por) Berenhauser, H *Gleba* 19 (207): 35-36. Jan 1973

076469 99.8 G74
Planning of felling & timber transportation. (Cro) Krivec, A *Gozdarski Vest* 31 (2): 65-74. Ref. Mar 1973

076470 99.8 G74
Application of polynomials of second degree on demonstration of nonlinear dependences. [Log transportation]. (Cro) Puhek, V *Gozdarski Vest* 31 (2): 75-83. Eng. Sum. Mar 1973

076471 99.9 AS12S
Hardboard from basswood bark. [Tilia]. (Jap) Takahashi, H *Hokkaido Forest Prod Res Inst J* 10: 1-5. Eng. Sum. Oct 1972

076472 99.9 AS12S
Grading of lumber & its allowable stress. (Jap) Kudo, O *Hokkaido Forest Prod Res Inst J* 10: 6-11. Ref. Oct 1972

076473 99.9 OS72
Study on some promising possibilities of plywood improvement. 2. Gluing with phenolic resins. (Ger) Neusser, H *Holzforsch Holzverwertung* 24 (6): 135-142. Ref. Eng. Sum. Dec 1972

076474 99.9 OS72
Model experiments to condensation of lignins. 3. (Ger) Kratzl, K *Holzforsch Holzverwertung* 24 (6): 143-146. Ref. Eng. Sum. Dec 1972

076475 99.8 H74
Effects of logging wounds in young beech & other hardwoods. [Fagus, Quercus, Fraxins]. (Ger) Schulz, H *Holzforschung* 2((2): 42-47. Eng. Sum. Apr 1973

076476 99.8 H74
Effect of milling & alkali treatments on accessibility of lignins of Pinus radiata & Eucalyptus regnans. Bland, D E *Holzforschung* 27 (2): 33-35. Apr 1973

076477 99.8 H74
Specific xylanolytic degradation of delignified cell walls in wood of European beech (Fagus sylvatica L.). (Ger) Sinner, M *Holzforschung* 27 (2): 36-42. Ref. Eng. Sum. Apr 1973

076478 99.8 H74
On significance of anatomical studies for a prediction of wood properties. (Ger) Gottwald, H *Holzforschung* 27 (2): 48-51. Eng. Sum. Apr 1973

076479 99.8 H74
Structure & colour as characteristics of oak for veneer purposes. [Quercus]. (Ger) Pechmann, H Avon *Holzforschung* 27 (2): 51-59. Ref. Eng. Sum. Apr 1973

076480 99.8 H74
NMR [Nuclear magnetic resonance] studies on lignin-carbohydrate complexes. [Beechwood]. Kosikova, B *Holzforschung* 27 (2): 59-64. Ref. Apr 1973

076481 99.8 H74
Softening temperatures & durability of wood adhesives. Chow, S *Holzforschung* 27 (2): 64-68. Apr 1973

076482 99.8 H74
Carboxymethylation of cellulose acetate. Nagaty, A *Holzforschung* 27 (2): 68-70. Apr 1973

076483 99.8 H744
On state of technical application of wood inherent binding forces without addition of extraneous substances. (Ger) Schuster, E *Holztechnologie* 14 (1): 17-22. Ref. Eng. Sum. 1973

076484 99.8 IN2
Studies on utilization of spent heartwood of Acacia catechu (Khair). Karnik, M G *Indian Forest* 99 (5): 275-280. Ref. May 1973

076485 99.8 IN2
Pulping of poplars. Guha, S R D *Indian Forest* 99 (5): 296-301. May 1973

076486 302.8 IN23
Inhibitors in pulp bleaching. Gudivaka, M R *Indian Pulp Pap* 27 (9): 3-7. Mar 1973

076487 99.81 IN82
Forest industry of Spain. II. (Ger) Handel-Mazzetti, P *Int Holzmarkt* 64 (8): 29-30. Apr 26, 1973

076488 300.9 T48J
Dynamic modulus of elasticity & pulse constant of wood by pulse transmission technique. Sekhar, A C *J Timber Dev Assoc India* 18 (4): 19-24. Ref. Oct 1972

076489 410.9 SA2
Wood anatomy of certain phanerophytes of northwest African savanna. (Rus) Vasil'ev, B R *Leningr Obshchest Estestvoispyt Tr* 72 (3): 28-34. Ref. 1972

076490 99.8 L5632
Function & planning of timber yards. (Slo) Makovnik, S *Les (Bratislava)* 28 (9): 402-408. Sept 1972

076491 99.8 L5632
Contemporary state of timber haulage in forestry in Slovakia. (Slo) Duris, J *Les (Bratislava)* 29 (2): 52-54. 1973

076492 99.8 L5632
Felling & skidding of beech in Adidovce forest district. (Slo) Janco, J *Les (Bratislava)* 29 (2): 55-58. 1973

076493 99.8 L56
Rationalization of logging activities in forest enterprise Bruntal. (Cze) Petz, H *Lesnicka Prace* 52 (1): 15-22. Eng. Sum. 1973

076494 99.8 L56
Specialization & economic accounting of forest enterprises. (Cze) Bludovsky, Z *Lesnicka Prace* 52 (2): 60-62. Eng. Sum. 1973

076495 99.8 L56
Measuring, marking & recording of timber in technology of tree-length logs not exceeding 19 cm of mean diameter. (Cze) Baca, O *Lesnicka Prace* 52 (2): 63-65. Eng. Sum. 1973

076496 99.8 L56
Timber sale by volume weight in Norway. (Cze) Matovic, J *Lesnicka Prace* 52 (3): 121-124. Eng. Sum. 1973

076497 58.8 D81
Hauling equipment in forestry. (Ger) Fischer, K *Lohnunternehmen LandForstwirtsch* 28 (1): 11, 14-17, 20-22. Jan 1973

076498 100 M668
Housing shortage: can wood meet demand? Thompson, R D *Minn Sci* 29 (1): 6-7, 11-12. 1973

076499 99.8 N28
Mechanization of timber harvesting in Netherlands. (Dut) Thate, J B *Ned Bosbouw Tijdschr* 45 (3): 78-88. Mar 1973

076500 99.8 N28
Timber harvest 1980: vision of visions. (Dut) Bol, M *Ned Bosbouw Tijdschr* 45 (3): 89-92. Mar 1973

076501 99.8 N28
Application of technology to timber harvesting: a case of question & answer. (Dut) Hattem, D van *Ned Bosbouw Tijdschr* 45 (3): 93-95. Mar 1973

076502 99.8 N815
Planning a system for timber transport. (Nor) Grondahl, O *Norsk Skogbruk* 19 (3): 65-66. Feb 1973

076503 99.8 N815
Use of an air cushion as a trailer for hauling timber in open country. (Nor) Samset, I *Norsk Skogbruk* 19 (3): 82-84. Feb 1973

076504 99.82 N81
Importance of residue utilization from a sawmill point of view-a Norwegian case study. Skjelmerud, H *Norsk Skogindus* 27 (4): 85, 87. 90-94. 1973

076505 464.4 N83
Seasoning lumber for agricultural use. (Nor) Klem, G S *Norway Landbruksdep Opplysningstjenesten Smaskr* 12, 15 P. 1972

076506 302.8 P1991
Prehydrolysis of beech wood & its influence on chemical & physical properties of fibres. II. Lenic, J *Pap Puu* 55 (4): 325-328, 331-332, 335-336, 337-340. Apr 30, 1973

076507 302.8 P1991
Prehydrolysis of beech wood & its influence on chemical & physical properties of fibres. I. Lenic, J *Pap Puu* 55 (4A): 229-246 (10 P. Not Consecutive). Apr 12, 1973

076508 381 P763
Relaxation processes in cellulose & its derivatives. [Wood, cotton]. Zelenev, Yu V *Polymer Sci Ussr* 14 (1): 17-25. Ref. 1972 (Pub. Mar 1972)

076509 304.9 P87
Statistical quality control of flax board physical & mechanical properties. (Pol) Wasko, J *Poznan Inst Przemyslu Wlokien Lykowych Prace* 19: 227-247. Eng. Sum. 1972

076510 302.8 P96
A survey of current practices in liquor analyses in Canadian alkaline pulp mills. Hatton, J V *Pulp Pap Mag Can* 74 (5): 102-105. May 1973

076511 302.8 P96
Optical measurement of absorption & scattering properties of wood using Kubelka-Munk equations. Jones, H G *Pulp Pap Mag Can* 74 (5): 114-118. May 1973

076512 302.8 P96
Logging in Soviet Union. II. McNally, J A *Pulp Pap Mag Can* 74 (5): 67, 70-71. May 1973

076513 302.8 P96
Relationship of pulp yield with KMnO4 no. & Kappa no. for kraft pulps. III. Douglas-fir [Pseudotsuga menziesii (Mirb.) Franco]. Hatton, J V *Pulp Pap Mag Can* 74 (5): 94-98. Ref. May 1973

076514 99.8 SK59
Misuse of motor saw. [Logging]. (Swe) Bjorkell, B *Skogsbruket* 43 (2): 34-35. Feb 1973

076515 99.8 W143
Carbohydrate feed-stuff made out of wood. (Ger) Tomcuk, R *Sozialistische Forstwirtsch* 22 (10): 313-314. Oct 1972

076516 99.8 W143
Ergonomical problems concerning use of motor chain saws for limbing. (Ger) Fleischer, M *Sozialistische Forstwirtsch* 23 (2): 47, 50-51. Feb 1973

076517 99.9 ST632
Defibration of wood by use of a white-rot fungus. [Peniophora]. Henningsson, H B *Stockholm Skogshogskolan Inst Virkeslara Rapp* 78, 26 P. Ref. 1972

076518 99.8 SY52
Trends of quality of softwood timber. (Pol) Kaminski, E *Sylwan* 117 (2): 11-20. Eng. Sum. Feb 1973

076519 99.8 SY52
Efficiency of some devices for loading saw-mill timber on rail-coaches. (Pol) Kubiak, M *Sylwan* 117 (2): 53-61. Eng. Sum. Feb 1973

076520 99.9 F7652
Studies on structure & properties of important coniferous woods in Taiwan. 2. (Chi) Chiang, F C *Taiwan Forest Res Inst Bull* 226, 17 P. Ref. Eng. Sum. June 1972

076521 302.8 T162
Role of phenolic resin in imparting properties to dry-formed hardboards. Fahey, D J *Tappi (Tech Ass Pulp Pap Indus)* 56 (3): 53-56. Mar 1973

076522 302.8 T162
Conversion of calcium base pulping to magnesium base pulping with recovery. Walther, J E *Tappi (Tech Ass Pulp Pap Indus)* 56 (4): 144-147. Apr 1973

076523 302.8 T162
Individual fiber properties of commercial pulps. Hardacker, K W *Tappi (Tech Ass Pulp Pap Indus)* 56 (4): 154-157. Apr 1973

076524 302.8 T162
Measurement & prediction of fiber coarseness in western hemlock. [Tsuga heterophylla]. Sastry, C B R *Tappi (Tech Ass Pulp Pap Indus)* 56 (4): 158-161 ref. Apr 1973

076525 302.8 T162
Separation of wood hemicelluloses. [Pine, fir]. Dutton, G G S *Tappi (Tech Ass Pulp Pap Indus)* 56 (4): 168-171. Ref. Apr 1973

076526 302.8 T162
Propionic acid – a potential control for deterioration of wood chips stored in outside piles. Eslyn, W E *Tappi (Tech Ass Pulp Pap Indus)* 56 (4): 452-153. Ref. Apr 1973

076527 302.8 T162
Optimization of hardwood pulp USAge by calculation of properties of pulp blends. Nordeman, D R *Tappi (Tech Ass Pulp Pap Indus)* 56 (5): 100-103. May 1973

076528 302.8 T162
Delignification of high-yield southern pine soda pulps by oxygen & alkali. [Pinus taeda]. Chang, H M *Tappi (Tech Ass Pulp Pap Indus)* 56 (5): 105-108. Ref. May 1973

076529 302.8 T162
Significance of western hemlock phenolic extractives in groundwood pulping. [Tsuga heterophylla]. Barton, G M *Tappi (Tech Ass Pulp Pap Indus)* 56 (5): 115-118. Ref. May 1973

076530 302.8 T162
Chemistry of potential chromophoric groups in beech lignin. [Fagus silvatica]. Nimz, H *Tappi (Tech Ass Pulp Pap Indus)* 56 (5): 124-126. Ref. May 1973

076531 302.8 T162
Steam pressurized double-disk refining – a new technique in high-yield sulfite pulping. Orchard, W M *Tappi (Tech Ass Pulp Pap Indus)* 56 (5): 142-145. May 1973

076532 302.8 T162
Tests used in world pulp & paper research. Keays, J L *Tappi (Tech Ass Pulp Pap Indus)* 56 (5): 146-149. Ref. May 1973

076533 302.8 T162
Future technical needs & trends of paper industry. Pulp raw materials. Steenberg, G *Tappi (Tech Ass Pulp Pap Indus)* 56 (5): 60-62. May 1973

076534 302.8 T162
Future technical needs & trends of paper industry. Conversion to pulp. Jensen, W *Tappi (Tech Ass Pulp Pap Indus)* 56 (5): 64-69. May 1973

076535 302.8 T162
Future technical needs & trends of paper industry. Conversion to paper and/or board. Stockman, L *Tappi (Tech Ass Pulp Pap Indus)* 56 (5): 72-74. May 1973

076536 302.8 T162
Spent sulfite liquor reducing sugar purification by ultrafiltration with dynamic membranes. [Wood sugars]. Collins, J W *Tappi (Tech Ass Pulp Pap Indus)* 56 (6): 121-124. June 1973

076537 302.8 T162
Evaluation of chemicals for preserving wood chips using pile simulators. Springer, E L *Tappi (Tech Ass Pulp Pap Indus)* 56 (6): 125-128. June 1973

076538 302.8 T162
Oxidative degradation of phenolic lignin model compounds with oxygen & alkali. [Wood pulp]. Eckert, R C *Tappi (Tech Ass Pulp Pap Indus)* 56 (6): 134-138. Ref. June 1973

076539 302.8 T162
New & effective chemical treatment to preserve stored wood chips. Springer, E L *Tappi (Tech Ass Pulp Pap Indus)* 56 (6): 157. June 1973

076540 302.8 T162
Improved bark & grit removal system for log flumes. [Wood waste]. Brown, J A *Tappi (Tech Ass Pulp Pap Indus)* 56 (6): 91-94. June 1973

076541 302.8 T162
Mechanism of magnesium retardation of cellulose degradation during oxygen bleaching. Gilbert, A F *Tappi (Tech Ass Pulp Pap Indus)* 56 (6): 95-99. Ref. June 1973

076542 100 T25F
Feasibility of wood industries in 'Model Valley'. Badenhop, M B *Tenn Farm Home Sci Progr Rep* 85: 15-17. Jan/Mar 1973

076543 99.8 T432
Marketing research of lumber; principles & special problems. (Nor) Oy, H *Tidsskr Skogbruk* 81 (1): 95-101. Ref. Eng. Sum. 1973

076544 SD430.T541
Laboratory tests of natural decay resistance of timber. *Timberlab Pap Princes Risborough Lab* 50, 28 P. 1972

076545 SD430.T541
Mechanical properties of plywood & blockboard. Sunley, J G *Timberlab Pap Princes Risborough Lab* 51, 5 P. 1972

076546 SD430.T541
Machining of plywood & blockboard. Carruthers, J F S *Timberlab Pap Princes Risborough Lab* 52, 31 P. 1972

076547 SD430.T541
Finishes & overlays for plywood & blockboard. Miller, E R *Timberlab Pap Princes Risborough Lab* 53, 7 P. 1972

076548 HD9018.T7T7
Pulping characteristics of Pinus caribaea from main growing areas in Fiji, 1971. Palmer, E R *Trop Prod Inst TPi Rep* 27, 60 P. July 1972

076549 20 M11
Logging conditions & methods in Finnish private forestry during winter of 1971/1972. (Fin) Makela, J *Tyotehoseuran Julk* 166, 64 P. Map. Ref. Eng. Sum. 1973

076550 1 AG84HG
Wood siding: installing, finishing, maintaining. *U S D A Home Gard Bull* 203, 13 P. Mar 1973

076551 aSD11.A33
Segregation of foliage from chipped tree tops & limbs. [Wood waste]. Sturos, J A *U S Forest Serv Res Note NC* 146, 4 P. 1973

076552 aSD11.A33
Compression debarked chips from a whole-tree chipper. [Wood waste]. Arola, R A *U S Forest Serv Res Note NC* 147, 4 P. 1973

076553 aSD11.A33
Lake States pulpwood production dips to 4 million cords in 1971. [Canada]. Blyth, J E *U S Forest Serv Res Note NC* 148, 3 P. 1973

076554 A99.9 F7628US
Labor trends in southern forest industries, 1950 to 1969. Irland, L C Southern Forest Experiment Station *U S Forest Serv Res Pap So-* 81, 20 P. Map. 1972

076555 aSD11.A352
Future of fiber production in North-Central States. [Wood fiber]. Bromley, W S *USDA For Serv Gen Tech Rep NC North Cent For Exp Stn Fo R Serv U S Dep Agric* 3: 1-3. 1973

076556 aSD11.A352
Future supply of coniferous timber for Lake States industry. Macon, J W *USDA For Serv Gen Tech Rep NC North Cent For Exp Stn Fo R Serv U S Dep Agric* 3: 16-19. 1973

076557 S539.P7W3
Studies of wood raw material & processes of mechanical defibration of wood, & an attempt to evaluate quality of defibrator pulp used for dry-method fiberboard production. (Pol) Onisko, W *Warsaw Szk Gl Gospod Wiejsk Rozpr Nauk* 17, 152 P. Ref. Eng. Sum. 1972

076558 99.9 W262
Examination of resistance of insulating barkboards to wood desyroying fungi. (Pol) Wazny, J *Warsaw Szkola Glowna Gosp Wiejsk Lesnictwo* 18: 109-113. Eng. Sum. 1972

076559 99.9 W262
Toxicity of preservatives for laboratory animals. (Pol) Majczakowa, W *Warsaw Szkola Glowna Gosp Wiejsk Lesnictwo* 18: 13-24. Ref. Eng. Sum. 1972

076560 99.9 W262
Effect of cutting & storage dates of pine sawmill logs on degree of development & composition of community of fungi causing blue stain. (Pol) Tarocinski, E *Warsaw Szkola Glowna Gosp Wiejsk Lesnictwo* 18: 161-173. Eng. Sum. 1972

076561 99.9 W262
Results of histological examinations of rat organs in acute poisoning by wood preservatives. (Pol) Tos-Luty, S *Warsaw Szkola Glowna Gosp Wiejsk Lesnictwo* 18: 25-32. Eng. Sum. 1972

076562 99.9 W262
Tentative use of Criocephalus rusticus L. & Leptura rubra L. larvae for determination of limit insecticide value of means of wood protection. (Pol) Dominik, J *Warsaw Szkola Glowna Gosp Wiejsk Lesnictwo* 18: 33-40. Eng. Sum. 1972

076563 99.9 W262
Evaluation of fungicidal toxicity of some copper-chrome preservatives for wood soft-rot fungi. [Beech, pine]. (Pol) Zyska, B *Warsaw Szkola Glowna Gosp Wiejsk Lesnictwo* 18: 41-53. Ref. Eng. Sum. 1972

076564 99.9 W262
Procedural assumptions of field test method for evaluation of wood preservatives. (Pol) Wazny, J *Warsaw Szkola Glowna Gosp Wiejsk Lesnictwo* 18: 55-59. Ref. Eng. Sum. 1972

076565 99.9 W262
Distribution of fungonit GF-2 within an impregnated sprucewood. (Pol) Wytwer, T *Warsaw Szkola Glowna Gosp Wiejsk Lesnictwo* 18: 61-74. Eng. Sum. 1972

076566 99.9 W262
Investigations on natural resistance of oak wood to fungi & possibility of improving it by means of synthetic resins. (Pol) Splawa-Neyman, S *Warsaw Szkola Glowna Gosp Wiejsk Lesnictwo* 18: 77-93. Ref. Eng. Sum. 1972

076567 99.9 W262
Investigations on resistance of modified wood to fungi. (Pol) Lutomski, K *Warsaw Szkola Glowna Gosp Wiejsk Lesnictwo* 18: 95-108. Ref. Eng. Sum. 1972

076568 99.9 W262
Problem of dry-rot control & preservation of wooden structures during conservation of palace at Nieborow. (Pol) Czajnik, M *Warsaw Szkola Glowna Gosp Wiejsk Lesnictwo* 18D 117-124. Eng. Sum. 1972

076569 SD430.F6
Methods & techniques for veneer-peeling research. Hailey, J R T *West Forest Prod Lab Vancouver Inf Rep VP-X* 107, 23 P. Jan 1973

076570 SD430.F6
Digital computer for determining odulus of elasticity of structural lumber. Porter, A W *West Forest Prod Lab Vancouver Inf Rep VP-X* 99, 29 P. Ref. May 1972

076571 99.82 M72
Gluing ability of veneer from tropical wood used urea resin adhesive & alpha-olefine resin adhesive. (Jap) Karasawa, H *Wood Ind (jap)* 28 (5): 20-22. May 1973

076572 99.82 W8524
On relationship between dielectric properties & crystallinity of cellulose. Norimoto, M *Wood Res (Kyoto)* 54: 19-30. Ref. Mar 1973

076573 99.82 W8524
Viscoelastic properties of wood used for musical instruments. II. Aoki, T *Wood Res (Kyoto)* 54: 31-42. Ref. Mar 1973

GENERAL PLANT SCIENCE

076574 504 B83B
Homage to Raymond Bouillenne. [Botanists]. (Fre) Homes, M *Acad Roy Belg Cl Sci Bull* 58 (5): 811-814. 1972

076575 511 SA2B
Herbaria: their significance for society, contemporary state, perspectives. (Rus) Lavrenko, E M *Akad Nauk Sssr Izv Ser Biol* 1: 5-12. Eng. Sum. Jan/Feb 1973

076576 450 AM36
Abstracts of papers to be presented at meetings of Botanical Society of America & certain affiliated groups at University of Massachusetts, June 17-22, 1973. *Amer J Bot* 60 (4, Suppl.), 42 P. Apr 1973

076577 450 B622
Bishop Gunnerus & 'Norwegian Flora'. (Nor) Engegard, G *Blyttia* 31 (1): 3-15. 1973

076578 504 B836
500 Years of exotic botany in Belgium (XIII-XVII centuries). (Fre) Opsomer, J E *Brussels Acad Roy Sci Outre-mer Bull Seances* 4: 446-479. Ref. 1972

076579 80 C83
A cosmopolitan garden, Glenveagh Castle, Co. Donegal. Roper, L *Country Life (london)* 153 (3961): 1468-1470. May 24, 1973

076580 QH540.E2
Flowers are not for us to pick. [Conservation]. Blackwood, J *Ecologist* 3 (6): 228-229. June 1973

076581 99.8 F7691
Endangered plants of New Hampshire. Hodgdon, A R *Forest Notes* 114: 2-4. Spring 1973

076582 450 G68
Report of 'Floristic Excursion' near Dronten in 1969. (Dut) Jansen, M T *Gorteria* 6 (7): 117-121. Map. Eng. Sum. Feb 1, 1973

076583 QK1.I53
Celebration for Giovanni Antonio Scopoli in Slovenia . [Botanists]. (Ita) Pignatti, E *Inf Bot Ital* 4 (3): 200-201. Sept/Dec 1972

076584 516 IN7
Botanic Garden, Liguanea. Powell, D *Inst Jamaica Bull Sci Ser* 15 (1), 94 P. Map. Ref. 1972

076585 500 IO93
Preand postsettlement pollen from a Short Core, Blackhawk Lake, West-Central Iowa. Webb, T *Iowa Acad Sci Proc* 80 (1): 41-44. Ref. Mar 1973

076586 S1.M5
Beal centennial 1873 – 1973. [Botanists]. *Mich Sci Action* 23, 23 P. May 1973

076587 280.8 M672
Agriculture & agribusiness in United States. (Rus) Morozov, V *Mirovaya Ekon Mezhdunar Otnosheniya* 4: 58-69. Ref. Apr 1973

076588 505 N152B
Algae & future of humanity: Fictions & realities. C. Review of present utilizations of algae, future prospects. (Fre) Pierre, J F *Nancy Soc Lorraine Sci Bull* 11 (4): 259-264. Ref. 1972

076589 451 N47
Robert Henry Anderson (1899 – 1960). [Botanists]. Vickery, J W *New S Wales Nat Herb Contrib* 4 (5): 245-249. 1972

076590 80 N81
Botanical Garden of Goteborg. (Nor) Wendelbo, P *Norsk Hagetid* 89 (5): 122-126. May 1973

076591 450 P92
In memory of Dr. Frant. A. Novak. [Botanists]. (Cze) Staby, F *Preslia* 45 (2): 183-185. Ref. 1973

076592 450 P92
In memory of Dr. Cenek Novotny. [Botanists]. (Cze) Houfek, J *Preslia* 45 (2): 186-190. Ref. 1973

076593 450 R18
50th anniversary of Soviet Union & study of plant resources. (Rus) Fedorov, A A *Rastitel Resursy* 8 (4): 481-485. Ref. 1972

076594 381 T14
Rapid destruction of plant material with concentrated nitric acid vapour (vapour phase oxidation(. [Micronutrients, analysis]. Thomas, A D *Talanta* 20 (5): 469-475. Ref. May 1973

076595 450 T192
Conrad Vernon Morton, 1905 – 1972. [Botanists]. Ewan, J *Taxon* 22 (2/3): 271-274. May 1973

076596 450 T192
Marcel Raymond, 1915 – 1972. [Botanists]. Boivin, B *Taxon* 22 (2/3): 275-278. May 1973

PLANT TAXONOMY AND GEOGRAPHY

076597 450 AC822
A new species of Turnera [tapajoensis] from Para, Brazil. Moura, C A F de *Acta Bot Neer* 22 (2): 159-163. Apr 1973

076598 450 AC822
Additional data on lianes of Brodopondo District, Surinam. [Taxonomy]. Donselaar, J van *Acta Bot Neer* 22 (2): 164-165. Apr 1973

076599 450 AC822
Chrysomeris ramosa (Chrysophyceae) in Denmark & in Netherlands. Polderman, P J G *Acta Bot Neer* 22 (2): 81-91. Ref. Apr 1973

076600 450 AC822
Use of phycoerythrin absorption spectra in classification of red algae. Velde, H H van der *Acta Bot Neer* 22 (2): 92-99. Ref. Apr 1973

076601 450 AD14
A new subaquatic Pandanus [peyrierasii] (Pandanaceae) from Madagascar. (Fre) Stone, B C *Adansonia* (Ser. 2) 12 (4): 525-530. 1972

076602 450 AD14
Revision of genus Calantica Tul. (Flacourtiaceae). (Fre) Sleumer, H *Adansonia* (Ser. 2) 12 (4): 539-544. Eng. Sum. 1972

076603 450 AD14
Three new trees from Tropical Africa (Lauraceae, Myristicaceae, Sapindaceae). [Beilschmiedia descoingsii, Coelocaryon sphaerocarpum, Crossonephelis adami]. (Fre) Fouilloy, R *Adansonia* (Ser. 2) 12 (4): 545-555. 1972

076604 450 AD14
New species & combinations in Apocynaceae from madagascar. (Fre) Markgraf, F *Adansonia* (Ser. 2) 12 (4): 585-591. 1972

076605 450 AD14
Plants new to Senegal. [Spermatophyta]. (Fre) Lebrun, J P *Adansonia* (Ser. 2) 12 (4): 603-607. Ma. Eng. Sum. 1972

076606 450 AD14
Revision of Ochrosia of New Caledonia. (Fre) Boiteau, P *Adansonia* (Ser. 2) 12 (4): 625-629. 1972

076607 S15.A3
A report on Combretum coriifolium Eng. & Diels. (Por) Aguiar Macedo, J de *Agron Mocambicana* 6 (3): 211-215. Eng. Sum. July/Sept 1972

076608 442.9 AK132
On mycoflora of Nakhichevan ASSR. (Rus) Akhundov, T M *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 3: 11-13. 1972

076609 442.9 AK132
Geobotanical characteristics of Quercus macranthera on south slope ('macroslope') of Greater Caucasus. (Rus) Adigezalov, G O *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 3: 14-18. 1972

076610 442.9 AK132
Species of Ascomycetes & Basidiomycetes fungi collected on fruits in forests & orchards, & new to mycoflora of Azerbaijan. (Rus) Guseinov, E S *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 3: 19-23. 1972

076611 511 AK192D
Rare & new taxa of Lithuanian flora. 2. Intraspecific forms of cranberry genus. [Oxycoccus]. (Rus) Lekavicius, A *Akad Nauk Litov Ssr Darbai Tr Ser C* 1 (57): 15-25. Eng. Sum. 1972

076612 450 AM36
Psilopezioid fungi. III. genus Psilopezia (Pezizales). Pfister, D H *Amer J Bot* 60 (4): 355-365. Ref. Apr 1973

076613 450 AM36
Ibyka amphikoma, gen. et sp. n., a new protoarticulate precursor from Late Middle Devonian of New York State. Skog, J E *Amer J Bot* 60 (4): 366-380. Ref. Apr 1973

076614 442.8 AR26
Chaetomium ramipilosum nov. Sp. Morphology & comparative culture studies. (Ger) Schaumann, K *Arch Mikrobiol* 91 (2): 97-112. Eng. Sum. May 1973

076615 439.8 AR2
About Chroothece Hansgirg. (Ger) Rieth, A *Arch Protistenkunde* 115 (1): 75-98. Ref. Eng. Sum. 1973

076616 GB395.A73
Dendrochronology of bristlecone pine (Pinus aristata Engelm.) in Colorado. Krebs, P V *Arct Alp Res* 5 (2): 149-150. Spring 1973

076617 475 AU7
Man & flora in Papua New Guinea. Powell, J *Australian Natur Hist* 17 (9): 305-310. Map. Mar 1973

076618 QK1.B52
Chorispora tenella (Pall.) DC., a new species of Slovak flora. (Slo) Majovsky, J *Biol Ser A Bot* 28 (1): 73-76. Eng. Sum. 1973

076619 442.8 B5229
Arbutus unedo L. & Myrtus communis L. in Slovenian Istria. (Cro) Wraber, T *Biol Vest* 20: 127-133. Ref. Eng. Sum. 1972

076620 450 B622
Ilex aquifolium L. recorded from Bamble, Telemark. (Nor) Bjorndalen, J E *Blyttia* 31 (1): 1-2. Eng. Sum. 1973

076621 450 B622
Elodea canadensis Michx. at Jevnaker. (Nor) Hongve, D *Blyttia* 31 (1): 17-18. Eng. Sum. 1973

076622 450 B622
American species of genus Epilobium L. s.str. found in norway. (Nor) Hovda, J T *Blyttia* 31 (1): 19-28. Map. Ref. Eng. Sum. 1973

076623 450 B622
Garden escaped Spiraea species & hybrids in Norway. (Nor) Jorgensen, P M *Blyttia* 31 (1): 29-33. Eng. Sum. 1973

076624 450 B622
Potamogeton lucens found in Sor-Trondelag. (Nor) Myhre, A *Blyttia* 31 (1): 35-37. Map. Eng. Sum. 1973

076625 450 EN3B
Chorology of repeated omissions. [Erica erigena, distribution]. (Ger) Lainz, M *Bot Jahrbucher* 92 (4): 562-563. Dec 19, 1972

076626 450 P568
Notes on two algae of small bodies of water. [Lobocystis dichotoma, Coronastrum anglicum]. Williams, E G *Brit Phycol J* 7 (1): 61-63. Ref. Mar 15, 1972

076627 S13.B7
Oats in west Carpathians. (Ger) Kuhn, F *Brno Acta Univ Agr Fac Agron* 20 (3): 355-362. Ref. 1972

076628 500 C125B
Taxonomic status of Pentachaeta & Chaetopappa with a revision of Pentachaeta. Van Horn, G S *Calif Univ Publ Bot* 65, 46 P. Ref. 1973

076629 410.9 OT8
Spread of Vincetoxicum species (Asclepiadaceae) in Ontario. Pringle, J S *Can Field Natur* 87 (1): 27-33. Map. Ref. Jan/Mar 1973

076630 410.9 OT8
A restricted habitat for mushrooms (Agaricaceae) in Mackenzie River delta, Northwest Territories. Gill, D *Can Field Natur* 87 (1): 53. Jan/Mar 1973

076631 410.9 OT8
Lonicera maackii (Caprifoliaceae) adventive in Ontario. Pringle, J S *Can Field Natur* 87 (1): 54-55. Map. Jan/Mar 1973

076632 410.9 OT8
Range extension of blunt-lobed woodsia, Woodsia obtusa (Spreng.) Torr. (Polypodiaceae), in Canada. Lafontaine, J D *Can Field Natur* 87 (1): 56. Jan/Mar 1973

076633 410.9 OT8
A new record for Sonchus uliginosus Bieb. from Interior Alaska. Harms, V L *Can Field Natur* 87 (1): 63. Jan/Mar 1973

076634 410.9 OT8
Trichostema dichotomum L. (Labiatae) new to Canada. Montgomery, F H *Can Field Natur* 87 (1): 63-64. Jan/Mar 1973

076635 410.9 OT8
Lichen Cetraria idahoensis Esslinger from Canada. Schroeder, G J *Can Field Natur* 87 (1): 65-66. Jan/Mar 1973

076636 410.9 OT8
New plant records in Waterton Lakes National Park, Alberta. Kuijt, J *Can Field Natur* 87 (1): 67-69. Jan/Mar 1973

076637 410.9 OT8
Purple coneflower, Echinacea purpurea, in Ontario. Cody, W J *Can Field Natur* 87 (1): 70. Jan/Mar 1973

076638 470 C16C
An important new diploid Avena [Canariensis] species discovered on Canary Islands. Baum, B R *Can J Bot* 51 (4): 759-762. Ref. Apr 1973

076639 443.8 C16
Species relationships in Lotus corniculatus group as determined by karyotype & cytophotometric analyses. Cheng, R I J *Can J Genet Cytol* 15 (1): 101-115. Ref. Mar 1973

076640 510 P886C
Observations on flora of Blatensko. (Cze) Deyl, M *Cas Nar Muz, Oddil Prirodoved* 141 (1/2): 111-113. 1972

076641 510 P886C
Archaeobotanical research of synanthropic flora of mediaeval stronghold in Chodov, Prague. (Cze) Holy, F *Cas Nar Muz, Oddil Prirodoved* 141 (1/2): 18-27. Eng. Sum. 1972

076642 510 P886C
Review of Czechoslovak Pilosella Hill species. (Cze) Sojak, J *Cas Nar Muz, Oddil Prirodoved* 141 (1/2): 41-61. 1972

076643 510 P886C
Supplemental nomenclature of some Phanerogamae species. (Cze) Sojak, J *Cas Nar Muz, Oddil Prirodoved* 141 (1/2): 61-63. 1972

076644 279.8 C46
Fungus Langermannia gigantea in Wolin National Park. (Pol) Jakuczun, B *Chronmy Przyrode Ojczysta* (New Ser.) 28 (4): 41-42. July/Aug 1972

076645 406 C76
Diatoms of streams of eastern Connecticut. Hansmann, E W *Conn Geol Natur Hist Surv Bull* 106, 119 P. 1973

076646 475 SCI23
On distribution of Polygala jacobii Chandr. Kulkarni, B G *Cur Sci* 42 (10): 359. May 20, 1973

076647 475 SCI23
Observations on Basicladia crassa (Collins) Hoffmann & Tilden-a new addition to Indian flora. Prasad, B N *Cur Sci* 42 (10): 363-364. May 20, 1973

076648 475 SCI23
Noogoora burr (Zanthium pungens) in India. Maheshwari, J K *Cur Sci* 42 (9): 327-328. May 5, 1973

076649 475 SCI23
A new species of Phyllostictina from Maharashtra. [Gharsii]. Thakur, S B *Cur Sci* 42 (9): 328-329. May 5, 1973

076650 451 C924
Floristic catalog of Parque Estadual de Vila Velha (Parand State, Brasil). (Por) Hatschbach, G *Curitiba Univ Parana Dep Bot Farmacogn Bol Bot* 28, 50 P. Map. Eng. Sum. Sept 1972

076651 24 EA74
Orgin & evolution of Guinea sorghums. Wet, J M J de *East Afr Agr Forest J* 38 (2): 114-119. Ref. Oct 1972

076652 451 ED42N
Umbelliferae in 1672 & 1972. Hedge, I C *Edinb Roy Bot Gard Notes* 32 (2): 151-158. 1973

076653 451 ED42N
Inclusion of Apiaceae (Unbelliferae) in Araliaceae. Thorne, R F *Edinb Roy Bot Gard Notes* 32 (2): 161-165. Ref. 1973

076654 451 ED42N
A review of tribe Echinophoreae (Umbelliferae). Hedge, I C *Edinb Roy Bot Gard Notes* 32 (2): 167-188. 1973

076655 451 ED42N
A new genus of Umbelliferae (Tordyliinae) from Caucasia. Alava, R *Edinb Roy Bot Gard Notes* 32 (2): 189-193. 1973

076656 451 ED42N
Studies in Tropical African Umbelliferae i: frommia ceratophylloides & Diplolophium buchananii complex. Cannon, J F M *Edinb Roy Bot Gard Notes* 32 (2): 195-201. Map. 1973

076657 451 ED42N
Taxonomic position of Agrocharis Hochst. & allied genera. Heywood, V H *Edinb Roy Bot Gard Notes* 32 (2): 211-215. Ref. 1973

076658 451 ED42N
A history of Rhododendron classification. Philipson, W R *Edinb Roy Bot Gard Notes* 32 (2): 223-238. Ref. 1973

076659 451 ED42N
Transcaucasian & Iranian collections of J. N. Szovits. [Plants]. Lamond, J M *Edinb Roy Bot Gard Notes* 32 (2): 239-245. Map. Ref. 1973

076660 451 ED42N
Studies in Vicieae i: new genus Anatropostylia. Kupicha, F K *Edinb Roy Bot Gard Notes* 32 (2): 247-250. 1973

076661 451 ED42N
Materials for a flora of Turkey xxix: Tripleurospermum Schultz Bip. Hossain, A B M E *Edinb Roy Bot Gard Notes* 32 (2): 251-254. 1973

076662 451 ED42N
Notes on Doronicum l. In SW Asia. Edmondson, J R *Edinb Roy Bot Gard Notes* 32 (2): 255-258. 1973

076663 451 ED42N
Contributions to flora of Sinai i: new & confused taxa. Danin, A *Edinb Roy Bot Gard Notes* 32 (2): 259-271. Ref. 1973

076664 451 ED42N
Variation & taxonomic importance of anatomical characters in Limonium. Bokhart, M H *Edinb Roy Bot Gard Notes* 32 (2): 275-290. Ref. 1973

076665 451 ED42N
Name Begonia sinuata. Burtt, B L *Edinb Roy Bot Gard Notes* 32 72): 273-274. 1973

076666 500 EL4
A re-evaluation of life cycle of Eragrostis tracyi (Gramineae, Eragrostoideae) & its taxonomic implications. Koch, S D *Elisha Mitchell Sci Soc J* 88 (4): 211-217. Ref. Winter 1972

076667 500 EL4
New records & notes on flora of Carolinas. Leonard, S W *Elisha Mitchell Sci Soc J* 88 (4): 265-266. Winter 1972

076668 QK474.5.A1F5
A monograph of Caryocaraceae. [Costs rica, Paraguay, Brazil]. Prance, G T *Flora Neotrop Monogr* 12, 75 P. Map. Ref. 1973

076669 QK339.C95F6
Karyological & taxonomic observations on Dracocephalum foetidum Bunge & Doenigia islandica L. Mesicek, J *Folia Geobot & Phytotaxon* 8 (1): 105-112. Ref. 1973

076670 QK339.C95F6
Cytotaxonomic study of Vicia cracca complex. 1. Czechoslovak taxa. Chrtkova-Zertova, A *Folia Geobot & Phytotaxon* 8 (1): 67-83. Eng. Sum. 1973

076671 QK339.C95F6
American species of genus Agrimonia L. ser. Tuberosae ser. nova. (Ger) Skalicky, V *Folia Geobot & Phytotaxon* 8 (1): 95-104. Map. Ref. Eng. Sum. 1973

076672 80 F9492
Species of fruit in tropical America: Solanaceae. (Fre) Fouque, A *Fruits* 28 (1): 40-49. Jan 1973

076673 80 F9492
Species of fruit in tropical America: Anacardiaceae. (Fre) Fouque, A *Fruits* 28 (2): 144-149. (Continued) Feb 1973

076674 22.5 ST8
Athrodactylis & Pandanus: a brief comment on Characteres Generum Plantarum' of J. R. & G. Forster. Stone, B C *Gard Bull* 26 (1): 113-114. Dec 30, 1972

076675 22.5 ST8
Cytogenetics & taxonomy of genus Globba L. (Zingiberaceae) in Malaya. IV. Distribution in relation to polyploidy. Siew-Ngo, L *Gard Bull* 26 (1): 115-126. Map. Dec 30, 1972

076676 22.5 ST8
Two new theaceous plants from Malaysia & a proposal to reduce Tutcheria to a synonym of Pyrenaria. Keng, H *Gard Bull* 26 (1): 127-135. Dec 30, 1972

076677 22.5 ST8
Mount Maquiling Bryoflora (Luzon). Tixier, P *Gard Bull* 26 (1): 137-153. Dec 30, 1972

076678 22.5 ST8
Philippine species of Nepenthes. Kurata, S *Gard Bull* 26 (1): 155-158. Dec 30, 1972

076679 22.5 ST8
Noves on systematy of Malayan phanerogams. XI-XVII. Kochummen, K M *Gard Bull* 26 (1): 49-61. Dec 30, 1972

076680 22.5 ST8
Studies in Marcaranga. V. M. lowii. Whitmore, T C *Gard Bull* 26 (1): 62. Dec 30, 1972

076681 22.5 ST8
Genus Johannesteijsmannia H. E. Moore Jr. Dransfield, J *Gard Bull* 26 (1): 68-83. Ref. Dec 30, 1972

076682 22.5 ST8
Algae from Gunong Jerai (Kedah Peak), Malaysia. Ratnasabapathy, M *Gard Bull* 26 (1): 95-110. Map. Ref. Dec 30, 1972

076683 450 G68
The Juncus filiformis L. in Friesland. (Dut) Ploeg, D T E van der *Gorteria* 6 (7): 123-124. Eng. Sum. Feb 1, 1973

076684 410 G79
A taxonomic revision of physaria (Cruciferae) in Utha. Waite, S B *Great Basin Natur* 33 (1): 31-36. Maps. Mar 31, 1973

076685 64.8 H66
Chemotaxonomic investigations into wild species of genus Beta L. (Pol) Trzebinski, J *Hodowla Roslin Aklimatyzacja Nasiennictwo* 17 (1): 41-46. Eng. Sum. 1973

076686 9 ID3
Third contribution to Argentine phytochemical bibliography: Catalog by genus & species. I. (Spa) Toursarkissian, M *Idia (Inform De Invest Agr)* 295: 1-67. Ref. July 1972

076687 451 IN29
Flora of Amarkantak (Madhya Pradesh). Saxena, H O *India Bot Surv Bull* 12 (1/4): 37-66. 1970 (Pub. Nov 21, 1972)

076688 99.8 IN2
An exploration of phanerogamic elements along KishtwarDuksum route, Jammu & Kashmir State. [Flora]. Singh, G *Indian Forest* 99 (5): 310-320. May 1973

076689 464.8 IN2
Articulospora: a new record from India. Patil, A S *Indian Phytopathol* 25 (3): 455-456. Sept 1972

076690 QK1.I53
Chromosome numbers for Italian flora: 129-144. (Ita) Pogliani, M *Inf Bot Ital* 4 (3): 224-236. Sept/Dec 1972

076691 QK1.I53
First experiments in cartography of groups of plants under sea. (Ita) Lausi, D *Inf Bot Ital* 4 (3): 272-275. Sept/Dec 1972

076692 504 B835B
Fertile leaves of Protolepidodendron wahnbachense Krausel, R. And Weyland, H., 1932 from Lower Devonian of Belgium. [Protolepidodendron scharianum]. (Fre) Fairon-Demaret, M *Inst Roy Sci Natur Belg Bull* 48 (6):, 9 P. Ref. Eng. Sum. Mar 30, 1972

076693 20 M57AG
Results of introduction of internal economic accounting in collective & state farms. [USSRE. (Ger) Rusakov, G *Int Z Landwirt* 4: 406-412. 1972

076694 475 IS7
Palynology & correlation in Zonguldak coal basin. (Tur) Yahsiman, K *Istanbul Univ Fen Fak Mecmuasi* 37 (3/4: 249-264. Ref. Eng. Sum. 1972

076695 410 J828
Conservation of juniper. I. Present status of juniper in southern England. [Juniperus communis]. Ward, L K *J Appl Ecol* 10 (1): 165-188. Ref. Apr 1973

076696 60.18 J82
Russian-thistle (Salsola) species in western United States. Beatley, J C *J Range Manage* 26 (3): 225-226. Ref. May 1973

076697 410 J272
Comparative pollen analyses of a stratified grassland soil & a colluvial forest soil from Kuzyuvolcanoes, middle Kyusyu, Japan. (Jap) Arakane, M *Jap J Ecol* 22 (5): 205-212. Ref. Eng. Sum. Oct 1972

076698 442.9 AM8
Heterobasidiomyctetes: a reconnaissance. IV. Donk, M A *Kon Ned Akad Wetensch Proc Ser C Biol Med Sci* 76 (2): 109-125 ref. 1973

076699 442.9 AM8
Heterobasidiomycetes: a reconnaissance. V. Donk, M A *Kon Ned Akad Wetensch Proc Ser C Biol Med Sci* 76 (2): 126-140. Ref. 1973

076700 442.9 AM8
Section Pachylomidium (genus Fissidens). I. species of tropical & subtropical South America. Bruggeman-Nannenga, M A *Kon Ned Akad Wetensch Proc Ser C Biol Med Sci* 76 (2): 172-189. 1973

076701 474 K842
Spring flora of Mallorca Island. (Ger) Schrenk, W J *Kosmos* 69 (3): 100-103. Mar 1973

076702 QH301.K9
Taxonomic study of Caprifoliaceae. Fukuoka, N *Koto Univ Fac Sci Mem Ser Biol* 6 (1): 15-58. Ref. Dec 1972

076703 410.9 SA2
Range & polyploidy of genus Gladiolus. (Rus) Tamberg, T G *Leningr Obshchest Estestvoispyt Tr* 72 (3): 42-45. 1972

076704 QH7.L86
Evolution of european potato. (Fin) Maki-Tanila, A *Luonnon Tutkija* 77 (2): 38-43. Ref. Eng. Sum. 1973

076705 QK358.M3
Notes on aquatic fungi of Maharashtra. I. Olpidium (Braun) Robenhorst. Magdum, R P *Maharashtra Vidnyan Mandir Patrika* 7 (1/2): 14-17. Mar/Oct 1972

076706 QK358.M3
A contribution to flora of Kolhapur District. Singh, N P *Maharashtra Vidnyan Mandir Patrika* 7 (1/2): 25-43. Ref. Mar-/Oct 1972

076707 QK358.M3
Saprophytic fungi on Vitis pallida Wt. & Arn. Rao, R *Maharashtra Vidnyan Mandir Patrika* 7 (1/2): 44-46. Mar/Oct 1972

076708 QK358.M3
A new species of Colletotrichum corda from Maharashtra, India. Kelkar, P V *Maharashtra Vidnyan Mandir Patrika* 7 (1/2): 47-48. Mar/Oct 1972

076709 QK358.M3
Plants of Sahasradhara near Dehra Dun (U.P.). Malhotra, S K *Maharashtra Vidnyan Mandir Patrika* 7 (1/2): 51-62. Mar-/Oct 1972

076710 QK358.M3
Two new species of rare ascomycetes from Maharashtra. Rao, R *Maharashtra Vidnyan Mandir Patrika* 7 (1/2): 63-65. Mar/Oct 1972

076711 451 M854
On flora of Onekotan Island. (Rus) Cherniaeva, A M *Moscow Gl Bot Sad Byul* 87: 21-29. 1973

076712 451 M854
New data on Echinopanax elatum Nakai. (Rus) Fliagina, I A *Moscow Gl Bot Sad Byul* 87: 29-30. 1973

076713 451 M854
Species rare & new to flora of lower Amur. (Rus) Shaga, N I *Moscow Gl Bot Sad Byul* 87: 30-31. 1973

076714 451 M854
On rare species of Rhododendron in Caucasus. (Rus) Aleksandrova, M S *Moscow Gl Bot Sad Byul* 87: 36-40. Map. 1973

076715 451 M854
New data on adventitious of Moscow Region. (Rus) Skvortsov, A K *Moscow Gl Bot Sad Byul* 87: 5-11. Ref. 1973

076716 451 M854
Living forms of Astragalus species of Turkmenia. (Rus) Ishchenko, L E *Moscow Gl Bot Sad Byul* 87: 61-67. 1973

076717 450 C27
Russula virescens Schiff. ex Zant., Fr. (Cze) *Mykol Sb* 49 (9/10): 133-135. Dec 1972

076718 S19.M9
Rust fungi of madras state. III. Puccinia. Ragunathan, A N *Mysore J Agr Sci* 6 (4): 440-449. 1972

076719 S19.M9
Rust fungi of Madras State. IV. Puccinia. Ragunathan, A N *Mysore J Agr Sci* 6 (4): 450-460. 1972

076720 410 N216
Intersterility & polarity in Scytinostroma without clamp connections (Basidiomycetes, Lachnocladiaceae). (Fre) Lanquetin, P *Natur Can* 100 (1): 33-49. Ref. Eng. Sum. Jan/Feb 1973

076721 410 N216
A palynological study for Little Clay Belt, northwestern Quebec. Vincent, J S *Natur Can* 100 (1): 59-69. Map. Ref. Jan/Feb 1973

076722 410 N216
Oldest collection of Carex heleonastes in Quebec. (Fre) Raymond, M *Natur Can* 100 (1): 71-72. Ref. Jan/Feb 1973

076723 410.9 V672
Palynological studies of sediments from Salzofen cave in Totes Gebirge. [Austria]. (Ger) Draxler, I *Naturhist Mus Wien Ann* 76: 161-186. Ref. Eng. Sum. Apr 1972

076724 410.9 V672
Cytotaxonomical discussion of genus Salix. (Ger) Neumann, A *Naturhist Mus Wien Ann* 76: 619-633. Ref. Apr 1972

076725 410.9 V672
Solenanthus micranthus H. Riedl, a new boraginaceous species from Afghanistan. (Ger) Riedl, H *Naturhist Mus Wien Ann* 76: 635-638. Eng. Sum. Apr 1972

076726 474 N213
40000-Year-old pine wood from deep sediments near Prudhoe Bay, Alaska. [Pinus]. Smith, B N *Naturwissenschaften* 60 (4): 202. Apr 1973

076727 451 N47
A new name for Poa exilis J. Vickery & a new combination in Brachiaria. Vickery, J W *New S Wales Nat Herb Contrib* 4 (5): 250. 1972

076728 451 N47
Lomandra glauca & some related taxa. Lee, A T *New S Wales Nat Herb Contrib* 4 (5): 251-261. Map. 1972

076729 451 N47
A nomenclatural tour (Ixora queenslandica Fosberg). McGillivray, D J *New S Wales Nat Herb Contrib* 4 (5): 262-264. 1972

076730 451 N47
Thysanotus virgatus sp. nov. (Liliaceae) from Royal National Park, New South Wales. Brittan, N H *New S Wales Nat Herb Contrib* 4 (5): 265-266. 1972

076731 451 N47
A new species of Acacia [Crassifrugis] from Northern Territory. Tindale, M D *New S Wales Nat Herb Contrib* 4 (5): 267-268. 1972

076732 451 N47
Notes on Australian taxa of Acacia no. 3. Tindale, M D *New S Wales Nat Herb Contrib* 4 (5): 269-274. 1972

076733 451 N47
Arthrochilus F. Muell. & related genera (Orchidaceae) in Australasia. Blaxell, D F *New S Wales Nat Herb Contrib* 4 (5): 275-283. Map. Ref. 1972

076734 451 N47
New taxa & combinations in Eucalyptus. I. Johnson, L A S *New S Wales Nat Herb Contrib* 4 (5): 284-290. 1972

076735 451 N47
Annotated bibliography of floristic lists of New South Wales. Pickard, J *New S Wales Nat Herb Contrib* 4 (5): 291-317. 1972

076736 80 N81
Lilium martagon & Clematis alpina in Alps. (Nor) Conradi, E *Norsk Hagetid* 89 (5): 152-153. May 1973

076737 409 N76M
Lichens from Vestfjella, Dronning Maud Land. Lindsay, D C *Norsk Polarinst Medd* 101, 21 P. Map. Ref. 1972

076738 QK504.F3
Stereocaulon sterile (Sav.) M. Lamb & Stereocaulon groenlandicum (Dahl) M. Lamb, two more hitherto overlooked lichen species. Lamb, I M *Occas Pap Farlow Herb Cryptogam Bot Harv Univ* 5, 17 P. Maps. Mar 1973

076739 QK504.F3
Further observations on Verrucaria serpuloides M. Lamb, only known permanently submerged marine lichen. Lamb, I M *Occas Pap Farlow Herb Cryptogam Bot Harv Univ* 6, 5 P. Apr 1973

076740 SB409.O7
A new Kefersteinia [stevensoni] from Ecuador. (Spa) Dressler, R L *Orquideologia* 7 (3): 135-137. Eng. Sum. Sept 1972

076741 SB409.O7
Observations on genus Comparietta in Columbia. (Spa) Escobar R, G *Orquideologia* 7 (3): 141-142. Sept 1972

076742 450 OS7
Importance of indumentum for investigation of evolutional relationship in family Brassicaceae. Dvorak, F *Osterr Bot Z* 121 (3/4): 155-164. Ref. 1973

076743 450 OS7
Two basic karyotypes in grass genus Aira L. (Ger) Albers, F *Osterr Bot Z* 121 (3/4): 251-254. Eng. Sum. 1973

076744 325.28 P56
Color aerial photos for marshland. [Nevada, vegetation]. Seher, J S *Photogramm Eng* 39 (5): 489-499. May 1973

076745 450 P5622
Essential oil analysis of Myricaceae of eastern United States. [Chemotaxonomy]. Halim, A F *Phytochemistry* 12 (5): 1077-1083. Ref. May 1973

076746 450 P5622
Flavonol glycosides in Brassica & Sinapis. [Chemotaxonomy]. Durkee, A B *Phytochemistry* 12 (5): 1085-1089. Ref. May 1973

076747 450 P5622
Flavonoids & chemotaxonomy of three Sophora species. Markham, K R *Phytochemistry* 12 (5): 1091-1094. May 1973

076748 450 P5622
Phenolic compounds of subfamily Pomoideae: a chemotaxonomic survey. Challice, J S *Phytochemistry* 12 (5): 1095-1101. Ref. May 1973

076749 QK273.A1P5
Detailed description of two rare species of Venezuela. [Alloplectus deltoideus, Turnera longipes]. (Spa) Steyermark, J A *Pittieria* 4: 27-32. Eng. Sum. Nov 1972

076750 450 P762
Pollen of Icacinaceae. I. Atlas. [Metteniusa, Pseudobotrys]. (Fre) Lobreau-Callen, D *Pollen Spores* 14 (4): 345-388. Ref. 1972

076751 450 P762
Permo-Triassic subsurface palynology from Libya. Kar, R K *Pollen Spores* 14 (4): 389-453. Map. Ref. 1972

076752 450 P762
Computer programs for pollen analyst. Dodson, J R *Pollen Spores* 14 (4): 455-465. 1972

076753 450 P92
Two new species of Rhizocarpon (lichens), section Superficiale (Run.) Thoms. In Czechoslovakia. (Ger) Cernohorsky, Z *Preslia* 45 (2): 102-107. Ref. 1973

076754 450 P92
Taxonomic supplement to Crataegus L. in Czechoslovakia. (Ger) Hrabetova-Uhrova, A *Preslia* 45 (2): 108-111. 1973

076755 450 P92
Cytotaxonomic & chorological notes on Achyrophorus maculatus (L.) Scop. (Slo) Ferakova, V *Preslia* 45 (2): 112-118. Ref. Eng. Sum. 1973

076756 450 P92
Phytochorologic characteristics of species Euphorbia lucida Waldst. et Kit. in relation to its distribution in Czechoslovakia. (Ger) Slavik, B *Preslia* 45 (2): 119-131. Maps. Ref. 1973

076757 450 P92
Is Rumex alpinus L. in Orlicky mountains original? (Cze) Kopecky, K *Preslia* 45 (2): 132-139. Map. Ref. 1973

076758 450 P92
A new species of Onosma [borragoidinum] from Iran. Ponert, J *Preslia* 45 (2): 140-141. 1973

076759 450 P92
Some new nomenclatural combinations in Centaureinae (Asteraceae). Holub, J *Preslia* 45 (2): 142-146. 1973

076760 450 P92
Viola cornuta L., a new adventive plant in Czechoslovakia. (Cze) Skalicky, V *Preslia* 45 (2): 147-150. Ref. 1973

076761 450 P92
Amaranthus x soproniensis Priszter et Karpati, an interesting hybrid from Czechoslovakia. (Ger) Grull, F *Preslia* 45 (2): 151-153. 1973

076762 450 P92
Epiphytic Tetrasporales (Chlorophyceae). [Chlorangiella consociata, Characiochloris crassa]. (Ger) Fott, B *Preslia* 45 (2): 97-101. Eng. Sum. 1973

076763 QE761.P7
On study of flora of Kuchurgan Sands. (Rus) Pidoplichko, I G *Prir Obstanovaka Fauny Proshlogo* 6: 122-131. 1972

076764 410 P933
Lichenes. (Rus) Trass, Kh Kh *Priroda (Moscow)* 3: 10-20. Map. Mar 1973

076765 410 P933
Wild Morus in central Asia. (Rus) Vasil'chenko, I T *Priroda (Moscow)* 3: 101-102. Mar 1973

076766 QD415.A1P3
Aspects on structure & function of phytotoxic glycopeptides & other glycosides from plant pathogens. [Corynebacterium spedonicum]. Strobel, G A *PAABS (panan Assoc Biochem Soc Symp)* 2: 423-427. Ref. 1972

076767 99.8 Q2
Tree of balsam of Peru. [Populus tacamahaca. McClintock, D *Quart J Forest* 67 (2): 136-140. Apr 1973

076768 450 R18
On intraspecific variation of Solanum laciniatum & Solanum aviculare. (Rus) Korneva, E I *Rastitel Resursy* 8 (4): 507-515. 1972

076769 450 R18
Distribution of alkaloid bearing plants of flora of Nakhichevan, ASSR according to ecologo-geographical groups. (Rus) Izmailov, N M *Rastitel Resursy* 8 (4): 516-521. Ref. 1972

076770 450 R18
Distribution of Dioscorea caucasica Lipsky & methods of rational utilization of this species. (Rus) Gitsba, D K *Rastitel Resursy* 8 (4): 577-587. Map. 1972

076771 460.46 SO8
Flora of Natal. Ross, J H *Repub S Afr Dep Agr Tech Serv Bot Surv Mem* 39, 418 P. 1972

076772 24 M44
Higher fungi of Mauritius island. 2. Two new species of gian Tricholoma. (Fre) Peerally, A *Rev Agr Sucriere Ile Maurice* 51 (3): 138-146. Eng. Sum. July/Sept 1972

076773 442.8 R328
Gyromitra chirripoensis nov.sp. (Spa) Gomez P, L D *Rev Biol Trop* 20 (1): 131-135. Eng. Sum. July 1972

076774 450 R325
Thelotrema sect. Thelotrema. 2. Thelotrema platycarpum group. Salisbury, G *Rev Bryol Lichenol* 38 (2): 281-290. 1971/1972

076775 470 SCI2
Parallel evolution in lichen-forming fungi. [Parmelia hypotropa, Parmelia perforata]. Culberson, W L *Science* 180 (4082): 196-198. Map. Ref. Apr 13, 1973

076776 451 F84B
Contribution to cytotaxonomic study of Salvia in Turkey. II. (Fre) Afzal-Rafii, Z *Soc Bot France Bull* 119 (3/4): 167-176. Ref. Eng. Sum. Mar/Apr 1972 (Pub. 1973)

076777 451 F84B
About an unknow sub-species of Lathyrus laevigatus [grandifolius] (Waldst & Kit.) Gren. from Pyrenees. (Fre) Gruber, M *Soc Bot France Bull* 119 (3/4): 237-242. Eng. Sum. Mar/Apr 1972 (Pub. 1973)

076778 451 F84B
Lichens from western Pyrenees new to French flora. (Gre) Vezda, A *Soc Bot France Bull* 119 (3/4): 243-252. Eng. Sum. Mar/Apr 1972 (Pub. 1973)

076779 451 F84B
Epiphyllous lichens of Pyrenees & Atlantic coast. [Perina hoehneliana, Bacidia buxi]. (Fre) Vezda, A *Soc Bot France Bull* 119 (3/4): 253-258. Eng. Sum. Mar/Apr 1972 (Pub. 1973)

076780 505 L992B
Life of Linnaeus. [Plant taxonomy]. (Fre) Chermette-Mouratille, A *Soc Linn Lyon Bull Mens* 42 (4): 80-96. Map. Apr 1973

076781 56.8 SO3
Sodium relations in desert plants: 1. Cation contents of some plant species from Mojave & Great Basin Deserts. Wallace, A *Soil Sci* 115 (4): 284-287. Ref. Apr 1973

076782 511 AK146
New locations of eastern spruce, Picea orientalis Link. in Aragvi Valley. (Geo) Kvachakidze, R K *Soobshch Akad Nauk Gruz SSr* 66 (2): 393-395. Eng. Sum. May 1972

076783 506 SP132
Studies in embryology of family Meliaceae.-IV. Fertilisation, endosperm & embryogeny of aphanamixis polystacha (wall.) parker (syn, amoora rohituka w. & a.)-a medicinal plant with a discussion on its (Spa) Ghosh, R B *Spain Cons Super Invest Cient Estac Exp Aula Dei Anales* 11 (3/4): 396-403. Ref. 1972

076784 QD415.A1S7
Contributions to chemotaxonomic study of Ericales. III. Flavonoids. (Rum) Tamas, M *Stud Cercet Biochim* 16 (1): 71-81. Ref. Eng. Sum. 1973

076785 450 SV2
Sagittaria natans x sagittifolia. Lohammar, G *Svensk Bot Tidskr* 67 (1): 1-4. 1973

076786 450 SV2
Studia fungorum fimi. I. New records of Podosporae, & a new species, Podospora papilionacea. Lundqvist, N *Svensk Bot Tidskr* 67 (1): 34-52. Ref. 1973

076787 450 SV2
Notes on caliciales. 2. Some species from Roumania. Tibell, L *Svensk Bot Tidskr* 67 (1): 5-8. 1973

076788 450 SV2
On some Leptogium species with short mallotium hairs. Jorgensen, M *Svensk Bot Tidskr* 67 (1): 53-58. Ref. 1973

076789 450 SV2
Psilocybe ammophila Lev. Found on Gotska Sandon. (Swe) Kers, L E *Svensk Bot Tidskr* 67 (1): 65-66. 1973

076790 450 SV2
Carex livida found in Halland. (Swe) Georgson, K *Svensk Bot Tidskr* 67 (1): 66-67. Eng. Sum. 1973

076791 450 SV2
Cryptogramma crispa found in Ostergotland. (Swe) Soderback, O *Svensk Bot Tidskr* 67 (1): 67. Eng. Sum. 1973

076792 450 SV2
New records from Lit parish, Jamland. [Elodea canadensis, Ranunculus lingua]. (Swe) Jonsson, N *Svensk Bot Tidskr* 67 (1): 67. 1973

076793 450 SV2
A new record of Epilobium adenocaulon in Blekinge. (Swe) Nylander, C E *Svensk Bot Tidskr* 67 (1): 68. Eng. Sum. 1973

076794 450 SV2
Ceratophyllum demersum in Torne Lappmark. (Swe) Lohammar, G *Svensk Bot Tidskr* 67 (1): 69-70. Eng. Sum. 1973

076795 450 SV2
Flora of parish of Linsell. II. Survey of vascular plants. (Swe) Danielsson, B *Svensk Bot Tidskr* 67 (1): 9-33. Map. Ref. Eng. Sum. 1973

076796 450 T192
Axor & monit: two new polythetic-divisive strategies for hierarchical classification. Lambert, J M *Taxon* 22 (2/3): 173-176. Ref. May 1973

076797 450 T192
Chemosystematics in Rutaceae. II. chemosystematics of Zanthoxylum/-Fagara complex. Fish, F *Taxon* 22 (2/3): 177-203. Ref. May 1973

076798 450 T192
Sieve-tube plastids of Hamamelididae) electron microscopic investigations with special reference to Urticales. Behnke, H D *Taxon* 22 (2/3): 205-210. May 1973

076799 450 T192
Duchesne, Buisson, Durande, early followers of natural method of Jussieus. [Plant taxonomy]. Guedes, M *Taxon* 22 (2/3): 211-219. Ref. May 1973

076800 450 T192
Oncidium species described by Jacquin & typification of Oncidium. Williams, N H *Taxon* 22 (2/3): 221-227. Ref. May 1973

076801 450 T192
Genus Schomburgkia; a study in history & bibliography of plant taxonomy. Jones, H G *Taxon* 22 (2/3): 229-239. Ref. May 1973

076802 450 T192
On Arecipites Wodehouse, Monocolpopollenites Thomson & Pflug, & species 'Monocolpopollenites tranquillus'. Nichols, D J *Taxon* 22 (2/3): 241-256. Ref. May 1973

076803 450 T192
Prionodon luteo-virens (Tayl.) Mitt. & Prionodon dichotomus Hampe. Griffin, D *Taxon* 22 (2/3): 257-258. May 1973

076804 450 T192
Articles 41 & 42 of I.C.B.N. [International Code of Botanical Nomenclature] & fossil spores; a proposal. Jansonius, J *Taxon* 22 (2/3): 259-266. Ref. May 1973

076805 450 T192
Location of Lazaro e Ibiza's collections of Polyporaceae. Wright, J I *Taxon* 22 (2/3): 267-270. May 1973

076806 450 T192
IOPB chromosome number reports. XL. [Spermatophyta]. Love, A *Taxon* 22 (2/3): 285-291. May 1973

076807 505 T64
Contribution of ontogenic & seminological studies to morphological, taxonomical & phylogenic study of genus Acacia. (Fre) Vassal, J *Toulouse Soc Hist Natur Bull* 108 (1/2): 125-247. Ref. Eng. Sum. 1St/2nd Quarters 1972

076808 505 T64
New species of Corallinaceae (calcareous algae) of Neogene of Spain. [Lithothamnieae, Neogoniolithoneae, Corallineae]. (Fre) Segonzac, G *Toulouse Soc Hist Natur Bull* 108 (1/2): 280-286. Ref. 1St/2nd Quarters 1972

076809 505 T64
Contribution to study of Uredinales from south of France. (Fre) Dupias, G *Toulouse Soc Hist Natur Bull* 108 (1/2): 58-67. Map. 1St/2nd Quarters 1972

076810 451 IN85
Succession of microfungi on decaying Setaria glauca Beauv. Sharma, P D *Trop Ecol* 13 (2): 183-201. Ref. Dec 1972

076811 SB197.A1T7
Botanical source areas of wild herbage legumes in India. Arora, R K *Trop Grasslands* 6 (3): 213-221. Map. Ref. Nov 1972

PLANT ECOLOGY

076812 512 W262
Dynamics of biomass & primary production herb layer plants in deciduous Tilio-Carpinetum association of Niepolomice Forest. [Plant ecology]. Tumidajowicz, D *Acad Polon Sci Bull Ser Sci Biol* 21 (2): 101-107. 1973

076813 450 AD14
Process of turning into desert in dry tropical Africa. [Plant ecology]. (Fre) Boudet, G *Adansonia* (Ser. 2) 12 (4): 505-524. Ref. Eng. Sum. 1972

076814 450 AD14
Notes on equatorial plant ecology of 'lousseke' steppes of 'bateke' plain (Congo). (Fre) Descoings, B *Adansonia* (Ser. 2) 12 (4): 569-584. 1972

076815 4 AM34P
Botanical composition of subterranean clover-grass pastures as affected by single & dual grazing by cattle & sheep. Bedell, T E *Agron J* 65 (3): 502-504. May/June 1973

076816 442.9 AK132
Horizontal structure of vegetation & its relationship with elements of mesorelief. [Plants, ecology]. (Rus) Liatifova, A Kh *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 3: 26-30. 1972

076817 442.9 AK132
Distribution of plant mass on south slope of Greater Caucasus. (Rus) Aliev, G A *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 4: 17-24. 1972

076818 410 M58
Effects of fire on plants & animals of a Florida wetland. Vogl, R J *Amer Midland Natur* 89 (2): 334-347. Apr 1973

076819 279.8 AR2
Overground net primary production in three mesoxerophytic grassland communities on nature reserve 'Leutratal' near Jena. (Ger) Gluch, W *Arch Naturschutz Landschaftsforsch* 13 (1): 21-42. Ref. Eng. Sum. 1973

076820 279.8 AR2
Investigations on homogenity & structure in xerothermic grassland communities & dry formations of Arrhenatheretum in nature reserve 'Leutratal' near Jena. (Ger) Reichhoff, L *Arch Naturschutz Landschaftsforsch* 13 (1): 43-50. Ref. Eng. Sum. 1973

076821 QK1.B52
Potentillo (argenteae)-Absinthietum in northern part of Zitava flat land (southwest slovakia). (Ger) Elias, P *Biol Ser A Bot* 28 (1): 23-37. Ref. 1973

076822 SB950.A1B6
Phenological observations in Lerida. [Fruit]. (Spa) Fernandez Sanchez de la Nieta, J M *Bol Inf Plagas* 90: 37-45. Feb 1972

076823 SB950.A1B6
Phenological observations in Zaragoza. [Fruit]. (Spa) Sampayo, M *Bol Inf Plagas* 91: 19-23. Mar 1972

076824 SB950.A1B6
Phenological works in citrus fruits, 1971. (Spa) Limon De La Oliva, F *Bol Inf Plagas* 97: 3-17. Sept 1972

076825 14 P215BC
Foliage structure, a modifying agent of microclimate. (Fre) Chartier, P *C R Seances Acad Agric Fr* 15 (Special No.): 1241-1249. 1972

076826 QK1.D5
Classification of forest growth areas & silvicultural planning in north Eifel based on study of vegetation habitat. [Plant ecology]. (Ger) Jahn, G *Diss Bot* 16, 288 P. Ref. 1972

076827 QK1.D5
Landscape ecology & vegetation studies in outer woods of Frankenalb & Falkenstein: contribution to fundamental research for nature conservation & landscape architecture (with landscape classification). (Ger) Killermann, W *Diss Bot* 19, 262 P. Ref. 1972

076828 QK1.D5
Vegetation & ecology of Scharze Moor (Rhon) with special consideration of cation content. (Ger) Gies, T *Diss Bot* 20, 184 P. Ref. 1972

076829 QH540.E3
Plant communities as indicators of conditions of soil salinity of seaside Solonchaks in Daghestan. (Rus) Alakhverdiev, F D *Ekologiia* 3: 77-78. 1972

076830 QH540.E3
Ecological basis of plant protection from pests & diseases. (Rus) Poliakov, I IA *Ekologiia* 4: 19031. Ref. 1972

076831 QH540.E3
Some data on ecology of mire vegetation. (Rus) Belousova, N A *Ekologiia* 4: 90-93. Ref. 1972

076832 99.8 F71
Plant sociological characteristics of experimental area in compartment 319 of Bialowieza National Park. (Pol) Zareba, R *Folia Forest Pol Ser A Lesnictwo* 20: 53-66. Map. Eng. Sum. 1972

076833 QK339.C95F6
Determination of minimal area of phytocenoses. Moravic, J *Folia Geobot & Phytotaxon* 8 (1): 23-47. Ref. 1973

076834 QK339.C95F6
New syntaxonomic populations conception of annual to biennial plants of Galio-Urticetea in Bohemia. (Ger) Kopecky, K *Folia Geobot & Phytotaxon* 8 (1): 49-66. Eng. Sum. 1973

076835 450 G68
A Phragmitetalia community in forelands. 2. Typhetum angustifoliae, Typhetum latifoliae, Rorippo-Oenanthetum & Sparganio-Sagittarietum. (Dut) Donselaar, J van *Gorteria* 6 (7): 109-117. Ref. Eng. Sum. Feb 1, 1973

076836 QH91.A1H4
In situ studies on reconstruction of a shady & wave-lashed marine population after experimental destruction in Mediterranean. (Fre) Boudouresque, C F *Helgol Wiss Meeresunters* 24 (1/4): 202-218. Ref. Eng. Sum. Mar 1973

076837 QH91.A1H4
Light-dependent colonization of pillars by sessile animals & algae from coral reef at Eilat (Red Sea). (Ger) Schuhmacher, H *Helgol Wiss Meeresunters* 24 (1/4): 307-326. Ref. Eng. Sum. Mar 1973

076838 QH91.A1H4
Zonation of algae & sessile invertebrates in Glenan Archipelago: Biologic definition of bathymetric zones. (Fre) Castric-Fey, A *Helgol Wiss Meeresunters* 24 (1/4): 490-509. Ref. Eng. Sum. Mar 1973

076839 GA931.N3 1971
Significance of vegetation maps for establishing maps for evaluating natural conditions & plant resources. (Rus) Gribova, S A *In Nauchno Tek Konf po Tematicheskoi Kartogr, 4Th, Moscow, 1971. Otsenochnye Karty Prirody, Naseleniia i Khoziaistva* P. 35-44. 1973

076840 QK1.I53
Ecology and geobotany features of Madonie. (Ita) Raimondo, F M *Inf Bot Ital* 4 (3): 174-179. Sept/Dec 1972

076841 QK1.I53
Rudiments of theory for information in phytosociology. (Ita) Feoli, E *Inf Bot Ital* 4 (3): 202-207. Sept/Dec 1972

076842 QK1.I53
Cartography as a means for ecological research. [Plants]. (Ita) Bruno, F *Inf Bot Ital* 4 (3): 239-244. Sept/Dec 1972

076843 QK1.I53
Cartography geomorphological & ecology. [Plants]. (Ita) Avena, G C *Inf Bot Ital* 4 (3): 245-250. Sept/Dec 1972

076844 QK1.I53
Map showing ecological limitations of Pinus radiata D. Don. (Ita) Eccher, A *Inf Bot Ital* 4 (3): 263-264. Sept/Dec 1972

076845 504 B835B
Studies on forest ecosystem. Series E: Forests of upper Belgium. 16. regional area of phytogeographic indicators as a delimitation base of regional forest associations of southeast Belgium. (Fre) Tanghe, M *Inst Roy Sci Natur Belg Bull* 48 (8), 25 P. Map. Ref. Oct 31, 1972

076846 410 J828
Climatic adaptation of populations of cocksfoot (Dactylis glomerata L.) from southern France. Knight, R *J Appl Ecol* 10 (1): 1-12. Ref. Apr 1973

076847 410 J828
Changes in understorey vegetation & fine root quantity following thinning of 30-year Pinus radiata in central north island, New Zealand. McQueen, D R *J Appl Ecol* 10 (1): 13-21. Ref. Apr 1973

076848 410 J828
Statistical evaluation of geobotanical & biogeochemical data by discriminant analysis. Nielsen, J S *J Appl Ecol* 10 (1): 251-258. Apr 1973

076849 410 J828
Geobotanical & biogeochemical investigations in sclerophyllous woodland & shrub associations of Eastern Goldfields area of western Australia, with particular reference to role of Hybanthus floribundus (Lindl.) F. Muell, as a n Cole, M M *J Appl Ecol* 10 (1): 269-320. Ref. Apr 1973

076850 410 J272
Ecological studies on Borreria articularis (Linn.F.) F. N. Will. Habitat variants-ecads. [India]. Babu, Y R *Jap J Ecol* 22 (6): 229-237. Ref. Dec 1972

076851 410 J272
Alkali supply by percolated water from environment factors determining vegetation distribution & dominant in Japanese alpine region: comparison on alkali supply of Pinus pumila dwarf pines to that of high bush grasses in Ha (Jap) Suzuki, K *Jap J Ecol* 22 (6): 250-261. Ref. Dec 1972

076852 99.9 C334
Abieta & Piceeta of southern part of Bohemian-Moravian hills. (Cze) Malek, J *Lesnictvi* 19 (1): 37-58. Ref. Eng. Sum. Jan 1973

076853 SD14.Q4Q4
Ecological study & vegetation mapping of Riviere-Du-Loup County. (Fre) Blouin, J L *Mem Gouv Que Minist Terres Forets Serv Rech* 6, 371 P. Map. Ref. Eng. Sum. 1971 (Pub. 1972)

076854 Q1.A3M5
A comparison of productivity & diversity in early & late season oldfield plant communities. Stephenson, S N *Mich Acad* 5 (3): 325-334. Winter 1973

076855 450 M75
Plant groupings in Widawka valley. (Pol) Herezniak, J *Monogr Bot* 35: 1-160. Map. Ref. 1972

076856 450 M75
Studies on radioecology of Marchantia polymorpha L. in Sudetes. (Pol) Sarosiek, J *Monogr Bot* 35: 161-203. Ref. Eng. Sum. 1972

076857 450 M994
Ecological distribution of mycorphizas of Pinus uliginosa. Mejstrik, V K *Mycopathol Mycol Appl* 49 (4): 275-282. Ref. Apr 30, 1973

076858 410.9 N21
Development of vegetation in eutrophic & low marsh lakes of Netherlands. (Fre) Westhoff, V *Natur Belg* 54 (1): 2-28. Map. Jan 1973

076859 410.9 N21
Introduction to study of vegetation. C. Notions of synchorology. (Fre) Berghen, V C *Natur Belg* 54 (1): 44-52. Map. Jan 1973

076860 442.8 N22
Evolution of certain swamps of Eastern Sayans. [Plants]. (Rus) Liakhova, I G *Nauch Dokl Vyssh Shk, Biol Nauk* 3: 70-74. 1973

076861 464.8 N84
Some comments on ecology & distribution of Echinochloa crus galli (L.) Digitaria sanguinalis (Scop.) & Setaria spp. in Federal Republic of Germany. Laudien, H *Notiz Mal Piante* (Ser. 3, No. 13) 86: 149-162. Map. Eng. Sum. 1972

076862 GC1.O3
Study of phytoplankton on continental plateau of Ivory Coast. II. Representation of surface water for description & interpretation of dynamic phenomena. (Fre) Dandonneau, Y *Off Rech Sci Tech Outre-Mer, Paris. Cah ORstom Ser Oceano Gr* 10 (3): 267-274. Ref. Eng. Sum. 1972

076863 GC1.O3
Phytoplankton distribution & hydrological structure in Tuamolu area (central Pacific Ocean). (Fre) Desrosieres, R *Off Rech Sci Tech Outre-Mer, Paris. Cah ORstom Ser Oceano Gr* 10 (3): 275-287. Map. Ref. Eng. Sum. 1972

076864 325.28 P56
Remote sensing of tidal marsh. [Vegetation, ecosystem]. Reimold, R J *Photogramm Eng* 39 (5): 477-488. Map. Ref. May 1973

076865 459.2 L39P
Vegetation mapping in survey scales. (Rus) Gribova, S A *Polevaia Geobot* 4: 137-330. 1972

076866 459.2 L39P
Seasonal dynamics of plant communities. (Rus) Borisova, I V *Polevaia Geobot* 4: 5-94. Ref. 1972

076867 459.2 L39P
Study of fluctuations (yearly variations) of plant communities. (Rus) Rabotnov, T A *Polevaia Geobot* 4: 95-136. 1972

076868 450 P92
Notes on some quantitative methods in study of plant community structure. (Cze) Kubikova, J *Preslia* 45 (2): 154-164. Ref. 1973

076869 450 P92
Contribution to study of vegetative gradients & boundaries of xerothermic communities in central Bohemia. (Cze) Pivnickova, M *Preslia* 45 (2): 165-182. Ref. 1973

076870 450 R18
Method of determination of projective cover in areas with wild berry yielding plants. (Rus) Koz'iakov, S N *Rastitel Resursy* 8 (4): 607-610. 1972

076871 470 SCI25
Life in tall trees. [Ecosystem]. Denison, W C *Sci Amer* 228 (6): 75-80. June 1973

076872 450 SV2
Development & ecology of Raphidiopsis mediterranea Skuja in Swedish Lake Trummen. Cronberg, G *Svensk Bot Tidskr* 67 (1): 59-64. 1973

076873 505 T64
Development of vegetation & soils at Pic du Midi de Bigorre (Hautes-Pyrenees) at higher alpine level. (Fre) Labroue, L *Toulouse Soc Hist Natur Bull* 108 (1/2): 9-37. Ref. 1St/2nd Quarters 1972

076874 451 IN85
History, flora & edaphology of tin tailings areas around Kuala Lumpur. Palaniappan, V M *Trop Ecol* 13 (2): 202-225. Map. Dec 1972

076875 20 V633
Herbage structure of agrophytecenosis of cultivated pasture. (Rus) Andreev, N G *Vestn Sel'skokhoz Nauk (moscow)* 10: 51-65. Ref. Eng. Sum. Oct 1972

076876 99.8 M69
Effect of magnesite pollution in altering plant communities. (Ger) Kaleta, M *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 569-584. Ref. Eng. Sum. 1972

076877 451 Z83BE
Vegetation & ecology of a forest spring complex in Bavarian Inn River Schiemsee foreland. (Ger) Pfadenhauer, J *Zurich Eidgenoss Tech Hochsch Geobot Inst Stiftung Rubel Ber* 41: 74-81. Ref. Eng. Sum. 1972

PLANT MORPHOLOGY, ANATOMY AND CYTOLOGY

076878 475 AC85
Excised root cultures of lupine (Lupinus angustifolius L.). Potapov, N G *Acta Biol (budapest)* 23 (3): 217-236. Ref. 1972

076879 450 AC822
Helical thickenings in tracheids of Taxus & Pseudotsuga as revealed by scanning reflection electron microscope. Jutte, S M *Acta Bot Neer* 22 (2): 100-105. Ref. Apr 1973

076880 450 AC822
Incorporation of label into intercellular substance of stylar transmitting tissue from Petunia pistils labeled with tritiated myo-inositol: an electronmicroscopic autoradiographic study. Kroh, M *Acta Bot Neer* 22 (2): 106-111. Ref. Apr 1973

076881 450 AC822
Trumpet filaments in Laminaria digitata as an artefact. Went, J L van *Acta Bot Neer* 22 (2): 112-119. Apr 1973

076882 450 AC822
Open plasmodesmata in sieve plates of Laminaria digitata. Went, J L van *Acta Bot Neer* 22 (2): 120-123. Ref. Apr 1973

076883 439.8 AC8
Comparative studies on actomyosin-thread models of muscles & myxomycete plasmodia. Their significance in contractile mechanism of primitive motile systems. [Physarum polycephalum]. Wohlfarth-Bottermann, K E *Acta Protozool* 11 (3): 39-52. Ref. 1972

076884 439.8 AC8
International Symposium: Motile Systems of Cells, Cracow, August 3-7, 1971. *Acta Protozool* 11, 424 P. 1972

076885 450 AD14
Ontogeny & morphological significance of elements of trichome of nerves & limbs of Begonia x vitichotoma Hort. (Fre) Villiers, J F *Adansonia* (Ser. 2) 12 (4): 593-602. Ref. Eng. Sum. 1972

076886 450 AD14
Study techniques of pollen by scanning electron microscopy: simple method for sectioning. (Fre) Hideux, M *Adansonia* (Ser. 2) 12 (4): 609-618. Eng. Sum. 1972

076887 442.9 AK132
Anatomic characteristics of Paeonia species of Azerbaijan. (Rus) Dadasheva, Sh G *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 3: 24-25. 1972

076888 442.9 AK132
Morphological-anatomical characteristics of variants & forms of Plantago coronopus L. (Rus) Kazanfarova, V K *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 4: 110-113. Ref. 1972

076889 442.8 AL6
Effect of physicochemical mutagens on microspore genesis in sugar beets. (Rus) Biiashev, G Z *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 1: 25-29. Ref. Jan/Feb 1973

076890 511 AK192D
Subterranean part morphological characteristics of some grass plants growing on erosive slopes of Lithuanian SSR. (Rus) Lapinskiene, N *Akad Nauk Litov Ssr Darbai Tr Ser C* 2 (58): 25-33. Ref. Eng. Sum. 1972

076891 450 AM36
Electron microscopic observations of cultured cells & protoplasts of Ammi visnaga. Fowke, L C *Amer J Bot* 60 (4): 304-312. Ref. Apr 1973

076892 450 AM36
Photomorphogenesis of gametophytes of Lygodium japonicum. Raghavan, V *Amer J Bot* 60 (4): 313-321. Rer. Apr 1973

076893 450 AM36
Use of a new clearing technique for study of early ovule development, megasporogenesis, & megagemetogenesis in five species of Cornus 1. Smith, B B *Amer J Bot* 60 (4): 322-338. Ref. Apr 1973

076894 450 AM36
Monotropa uniflora: ultrastructural details of its mycorrhizal habit. Lutz, R W *Amer J Bot* 60 (4): 339-345. Ref. Apr 1973

076895 450 AM36
Conidiogenesis in Ceratocystis ulmi, Ceratocystis piceae, & Graphium penicillioides. Crane, J L *Amer J Bot* 60 (4): 346-354. Ref. Apr 1973

076896 450 AM36
Phyllode theory in relation to leaf ontogeny in Sansevieria trifasciata. Stevenson, D W *Amer J Bot* 60 (4): 387-395. Ref. Apr 1973

076897 396.8 AN7
Synchronization of cell division in meristem of Allium sativum L. by hydroxyurea. Application to kinetic analysis of cytotoxic effects. [Garlic]. (Fre) Brulfert, A *Ann Pharm Franc* 31 (1): 19-27. Ref. Eng. Sum. 1973

076898 512 L96AA
Measurements of electric resistance of cell membranes of Characeae, made simultaneously with external electrodes & micro electrode (Pol) Skierczynska, J *Ann Univ Marie Curie Skolodowska, Sect AA, Phys Chem* 26/27: 41-48. Ref. Eng. Sum. 1971/1972

076899 442.8 AR26
Fine structure of developing merosporangia & sporangiospores of Syncephalastrum racemosum. Fletcher, J *Arch Mikrobiol* 87 (4): 269-284. Ref. 1972

076900 442.8 AR26
Concentric bodies of lichenized fungi. Griffiths, H B *Arch Mikrobiol* 87 (4): 285-302. Ref. 1972

076901 442.8 AR26
Fine-structural studies on infection of Vicia faba L. with Botrytis fabae Sard. [Broadbeans]. Abu-zinada, A A H *Arch Mikrobiol* 91 (1): 55-66. Ref. 1973

076902 442.8 AR26
Influence of carbon dioxide on morphogenesis in Penicillium isariiforme. Graafmans, W D J *Arch Mikrobiol* 91 (1): 67-76. Ref. 1973

076903 442.8 AR26
Chlamydospores of Schizophyllum commune. Koltin, Y *Arch Mikrobiol* 91 (2): 179-182. May 1973

076904 442.8 AR26
Chaetomium ramipilosum nov. Sp. Morphology & comparative culture studies. (Ger) Schaumann, K *Arch Mikrobiol* 91 (2): 97-112. Eng. Sum. May 1973

076905 442.8 AU72
Preparation of rolled epidermis of Vicia faba L. so that stomatat are only viable cells: analysis of guard cell potassium by flame photometry. [Broadbeans]. Allaway, W G *Australian J Biol Sci* 26 (2): 309-318. Ref. Apr 1973

076906 442.8 AU72
Ultrastructure of lipid deposits & other contents in freeze-etched coleoptile cells of ungerminated rice grains. Buttrose, M S *Australian J Biol Sci* 26 (2): 357-364. Apr 1973

076907 QK1.B52
Karyotypes of some cultivated species of genus Allium L [onion garlic]. (Slo) Murin, A *Biol Ser A Bot* 28 (1): 65-71. Ref. Eng. Sum. 1973

076908 442.8 B5229
Some problems of orchid Dactylorhiza maculata (L.) Soo s. lat. [Morphology]. (Cro) Ravnik, V *Biol Vest* 20: 31-37. Eng. Sum. 1972

076909 450 EN3B
Comparative – developmental historical study on pinnate leaves of Ranunculaceae. (Ger) Kurbs, S *Bot Jahrbucher* 93 (1): 130-167. Eng. Sum. Mar 19, 1973

076910 450 B651
On formation of protenema of Drummondia sinensis of Orthotrichaceae. Nishida, Y *Bot Mag Tokyo* 86 (1001): 35-41. Ref. Mar 1973

076911 450 B651
Fractionation of differentiated types of cells constituting pseudoplasmodia of cellular slime molds. Maeda, Y *Bot Mag Tokyo* 86 (1001): 5-12. Mar 1973

076912 470 C16C
Studies in Alismataceae. Ii. Inflorescences of Alismataceae. Charlton, W A *Can J Bot* 51 (4): 775-789. Ref. Apr 1973

076913 470 C16C
Cytology of Podosordaria leporina. Rogers, J D *Can J Bot* 51 (4): 791-793. Apr 1973

076914 470 C16C
Morphological variation of Dicranidion fragile & Dicranidion inaequalis in culture. Butterfield, W *Can J Bot* 51 (4): 795-799. Ref. Apr 1973

076915 470 C16C
Eyespot of Chlamydomonas eugametos: a freeze-etch study. Nakamura, K *Can J Bot* 51 (4): 817-819. Ref. Apr 1973

076916 SD13.C35
Origin & development of aspen root suckers. [Populus tremuloides, anatomy, histology]. Schier, G A *Can J Forest Res Rev Can Rech For* 3 (1): 45-53. Ref. Mar 1973

076917 443.8 C16
Satellite number & size in Triticum monococcum L. & evolution of polyploid wheats. [Einkorn]. Waines, J G *Can J Genet Cytol* 15 (1): 117-122. Ref. Mar 1973

076918 443.8 C16
Identification of cytological & agronomic characters affecting reproductive behaviour of hexaploid Triticale. Hsam, S L K *Can J Genet Cytol* 15 (1): 197-204. Ref. Mar 1973

076919 475 SCI23
Morphological diversity in phaseolus sublobatus Roxb. Arora, R K *Cur Sci* 42 (10): 359-361. May 20, 1973

076920 475 SCI23
Second meiotic division in tetrasporangium of Chondria Dasyphyllia (Woodw.) C. Ag. Rao, C S P *Cur Sci* 42 (10): 361-362. May 20, 1973

076921 475 SCI23
Development of ovule & female gametophyte in Talinum patens Willd. Khan, A M *Cur Sci* 42 (10): 364-365. May 20, 1973

076922 475 SCI23
Cytological studies in a wild indian species of Dracaena. Sheriff, A *Cur Sci* 42 (9): 324-325. May 5, 1973

076923 451 ED42N
A survey of Phlyctidocarpa (Umbelliferae) using light & scanning electron microscope. Theobald, W L *Edinb Roy Bot Gard Notes* 32 (2): 203-210. Ref. 1973

076924 451 ED42N
Variation & taxonomic importance of anatomical characters in Limonium. Bokhart, M H *Edinb Roy Bot Gard Notes* 32 (2): 275-290. Ref. 1973

076925 442.8 EX7
Comparison of density of nuclear pores on vegetative & generative nuclei in pollen of Tradescantia. LaFountain, J R *Exp Cell Res* 78 (2): 472-476. Ref. Apr 1973

076926 442.8 EX7
Changes caused by air-drying & alcohol dehydration of spread insect sperm & fungal spore chromosome fibres. [Schizophyllum commune, drosophila melanogaster]. Haapala, O K *Exp Cell Res* 79 (1): 235-239. Ref. Apr 1973

076927 QK339.C95F6
Density of stomata in leaves of different ecotypes of Phragmites communis. Pazourek, J *Folia Geobot & Phytotaxon* 8 (1): 15-21. 1973

076928 99.8 F7723
Distribution of rootlets & small roots in soil profile of a beech site in Solling. [Fagus]. (Ger) Gottsche, D *Forstarchiv* 43 (12): 255-256. 1972

076929 22.5 ST8
Studies in basidium spore-spacing & Boletus spore. Corner, E J H *Gard Bull* 26 17): 159-194. Ref. Dec 30, 1972

076930 443.8 G28
Meiosis in Plantago serraria L. (Fre) Fernandes, A *Genet Iber* 24 (1/2): 31-66. Ref. 1972

076931 443.8 G28
Interlocking of bivalents at first division of meiosis in Triticum aestivum. [Wheat]. Mello-Sampayo, T *Genet Iber* 24 (1/2): 97-104. Ref. 1972

076932 410 G79
Miscellaneous chromosome counts of western American plants. II. Reveal, J L *Great Basin Natur* 33 (1): 19-25. Ref. Mar 31, 1973

076933 442.8 H42
A bibliography of literature concerning chromosome identification – with special reference to fluorescence Giemsa staining techniques. [Plants, Animals]. Nilsson, B *Hereditas* 73 (2): 259-270. 1973

076934 442.8 H42
Arm ratio of chromosome 5B from Triticum aestivum var. Chinese Spring at mitosis & meiosis. [Wheat]. Larsen, J *Hereditas* 73 (2): 316-318. 1973

076935 64.8 H66
Some anatomical characters of diand tetraploids of Trifolium pratense var. spontaneum willk. [Red clover]. (Pol) Goral, S *Hodowla Roslin Aklimatyzacja Nasiennictwo* 16 (5): 429-439. Ref. Eng. Sum. 1972

076936 64.8 H66
Genetic differentiation of aptitude for callus tissue fo rmation & organogenesis as exemplified by several species of genus Nicotiana. [Tobacco]. (Pol) Skucinska, B *Hodowla Roslin Aklimatyzacja Nasiennictwo* 16 (6): 477-496. Ref. Eng. Sum. 1972

076937 SB435.R32
Organogenesis of monocaspic shoots of Anemone crinita in alpine regions. (Rus) Rubtsova, V V *In Rasteniia Prirodnoi Flory Sibiri Dlia Zelenogo Stroitel's Tva* P. 123-132. Ref. 1972

076938 513 IN25B
Studies on Cyclotella meneghiniana Kutz. III. frustule. [Anatomy]. Desikachary, T V *Indian Acad Sci Proc Sect B* 77 (2): 78-91. Feb 1973

076939 448.3 J82
Subapical wall synthesis & wall thickening induced by cychloheximide in hyphae of Asperigillus nidulans. Sternlicht, E *J Bacteriol* 114 (2): 819-823. Ref. May 1973

076940 QH301.J6
Pattern formation in blue-green alga, Anabaena. I. Basic mechanisms. Wilcox, M *J Cell Sci* 12 (3): 707-723. Ref. May 1973

076941 QH301.J6
Capsella [bursa-pastoris L.] embryogenesis: central cell. Schultz, P *J Cell Sci* 12 (3): 741-763. Ref. May 1973

076942 QH301.J6
Incorporation of DL-[3-carbon 13] cysteine during spermatogenesis in Ceratopteris thalictroides. Schedlbauer, M D *J Cell Sci* 12 (3): 765-779. Ref. May 1973

076943 442.9 J27
Duration of mitotic cell cycle in root tip cells of male Rumex acetosa. Kuroki, Y *Jap J Genet* 48 (1): 19-26. Ref. Feb 1973

076944 442.9 J27
A spontaneous haploid plant of Trillium smallii. Uchino, A *Jap J Genet* 48 (1): 65-67. Feb 1973

076945 442.9 J27
Callus formation in liverwort, Marchantia polymorpha. Ono, K *Jap J Genet* 48 (1): 69-70. Feb 1973

076946 410.9 SA2
Changes in bud structure of young conifers of the coastal area in relation to growth conditions. [Picea, Pinus, Abies]. (Rus) Batsamygina, G G *Leningr Obshchest Estestvoispyt Tr* 72 (3): 19-22. 1972

076947 410.9 SA2
Formation of shoot structure of Syringa vulgaris L. at various stages of development. (Rus) Borisovskaia, G M *Leningr Obshchest Estestvoispyt Tr* 72 (3): 22-27. 1972

076948 410.9 SA2
Comparative anatomical study of vegetative organs of certain rye varieties in relation to their varying resistance to lodging. (Rus) Gudkova, G N *Leningr Obshchest Estestvoispyt Tr* 72 (3): 34-42. 1972

076949 QK358.M3
A note on stamen sterility & apocarpy in Bauhinia candida Roxb. Chavan, P B *Maharashtra Vidnyan Mandir Patrika* 7 (1/2): 49-50. Mar/Oct 1972

076950 Q1.A3M5
Leaf anatomy in subfamily Eragrostoideae. Sutton, D D *Mich Acad* 5 (3): 373-383. Ref. Winter 1973

076951 451 Z82
Morphological research for circumscription & classification of Aizoaceae. Centrosperm studies 6. (Ger) Hofmann, U *Mitt Bot Mus Univ Zurich* 93 (2): 247-324. Ref. Apr 3, 1973

076952 451 M854
Seed formation in some annuals of Compositae. (Rus) Sharova, N L *Moscow Gl Bot Sad Byul* 87: 100-103. 1973

076953 451 M854
Some features of structure of root systems of trees & shrubs of Leguminosae. (Rus) Grisiuk, N M *Moscow Gl Bot Sad Byul* 87: 12-20. Ref. 1973

076954 451 M854
Morphogenesis of Phlox sibirica. (Rus) Zarubina, G M *Moscow Gl Bot Sad Byul* 87: 72-75. 1973

076955 450 M994
Fine structure of Psiocybe quebecensis. Olah, G M *Mycopathol Mycol Appl* 49 (4): 321-338. Ref. Apr 30, 1973

076956 500 N21P
Attachment of chloroplast polysomes to thylakoid membranes in Chlamydomonas reinhardtii. Chua, N H *Nat Acad Sci Proc* 70 (5): 1554-1558. May 1973

076957 410 N2192
Ruscus aculeatus L., a plant with berry on underside of leaf. (Dut) Bolman, J *Natura (Heemstede)* 70 (3: 37-41. Mar 1973

076958 474 N213
Cactus spines as water absorbing organs. [Cactaceae]. (Ger) Schill, R *Naturwissenschaften* 60 (4): 202-203. Apr 1973

076959 442.8 N22
Anatomic structure, hydration of tomato leaves & their chlorophyllase activity in chloride salinization. (Rus) Sivtsev, M V *Nauch Dokl Vyssh Shk, Biol Nauk* 3: 84-87. Ref. 1973

076960 QH491.O5
Sturcture of mitochondria in etiolated pea stem cells at different stages of stretching. (Rus) Paramonova, N V *Ontogenez* 3 (1): 101-108. Ref. Eng. Sum. 1972

076961 450 OS7
Chromosome size & DNA content in three species of Asteraceae-Anthemideae. (Ger) Nagl, W *Osterr Bot Z* 121 (3/4): 165-169. Ref. Eng. Sum. 1973

076962 450 OS7
Wood anatomy of stem, branches & roots of Platanus X acerifolia (Ait.) Willd. (Ger) Suss, H *Osterr Bot Z* 121 (3/4): 227-249. Ref. Eng. Sum. 1973

076963 450 P692
Structure of plant cell walls. IV. A structural comparison of wall hemicellulose of cell suspension cultures of sycamore (Acer pseudoplatanus) & of red kidney bean (Phaseolus vulgaris). Wilder, B M *Plant Physiol* 51 (5): 889-893. Ref. May 1973

076964 463.3 ST4
Sexuality of angiosperms. Heslop-Harrison, J *Plant Physiol* 6c: 133-289. Ref. 1972

076965 463.3 ST4
Cell division in higher plants. Brown, R *Plant Physiol* 6c: 49-90. Ref. 1972

076966 463.3 ST4
Cell growth & cell development. Brown, R *Plant Physiol* 6c: 91-130. Ref. 1972

076967 442.9 P87
Morphological & anatomical dagnostic features of fruits of selected species of genus Chaerophyllum L. em. Hoffm. (Pol) Kowal, T *Pozan Tow Przyjaciol Nauk Komisja Biol Prace* 35 (7): 3-31. Ref. Eng. Sum. 1973

076968 442.9 P87
Morphological & anatomical diagnostic features of fruits of selected species of genus Peucedanum L. (Pol) Kowal, T *Pozan Tow Przyjaciol Nauk Komisja Biol Prace* 35 (7): 33-67. Ref. Eng. Sum. 1973

076969 410 P933
On similarity of mitochondria, chloroplasts & prokaryots. (Rus) Ostroumov, S A *Priroda (Moscow)* 3: 21-29. Mar 1973

076970 QL362.A1P7
Structure & properties of a new white mutant of Euglena gracilis. (Fre) Salvador, G *Protistologica* 8 (4): 533-540. Ref. Eng. Sum. 1972

076971 442.8 P94
Role of Endoplasmic reticulum in genesis of Chara-statoliths. (Ger) Schroter, K *Protoplasma* 76 (3/4): 435-442. Eng. Sum. 1973

076972 442.8 P94
Ship fouling alga Ectocarpus. I. Ultrastructure & cytochemistry of plurilocular reproductive. Baker, J R J *Protoplasma* 77 (1): 1-13. Ref. 1973

076973 442.8 P94
A structural comparison of cyst & germ tube wall in Phytophthora palmivora. Hegnauer, H *Protoplasma* 77 (1): 151-163. Ref. 1973

076974 442.8 P94
A light & electron microscopic study of sporulation in myxomycete Stemonitis virginiensis. Mims, C W *Protoplasma* 77 (1): 35-54. Ref. 1973

076975 442.8 P94
Fine structure of chloroplast membranes of Euglena gracilis as revealed by freeze-cleaving & deep-etching techniques. Miller, K R *Protoplasma* 77 (1): 55-578. Ref. 1973

076976 450 R18
Ecological morphology of certain medicinal plants under natural conditions. 1. Bupleurum aureum Fisch. (Rus) Khrzhanovskii, V G *Rastitel Resursy* 8 (4): 497-507. Ref. 1972

076977 450 R18
Morphological characteristic features & content of alkaloids in interspecific hybrid (F1) of Scopolia sinensis Hemsl. Crossed with Scopolia tangutica Maxim. (Rus) Sandina, I B *Rastitel Resursy* 8 (4): 524-534. 1972

076978 450 R18
Anatomical characteristic features of superterranean parts of Scopolia sinensis Hemsl., Scopolia tangutica Maxim. & their hybrid. (Rus) Rezvaia, E A *Rastitel Resursy* 8 (4): 534-538. 1972

076979 TC1.Q4
Punctual hydrogeological studies. [Underground water]. (Fre) Grenier, C *Ressources* 4 (2): 3-4. Mar 1973

076980 13 R322
Comparative morphological research on autotetraploid plants & their diploid counterparts in a few grasses & clovers. III. Perennial ryegrass. [Loliumperenne L.). (Fre) Roo, R de *Rev Agr (brussels)* 26 (1): 111-142. Eng. Sum. Jan/Feb 1973

076981 501 L84B
Organization of ranunculaceous flower with especial regard to correlated variations of its constituent members. Salisbury, E *Roy Soc London Proc Ser B Biol Sci* 183 (1072): 205-225. Ref. May 15, 1973

076982 501 L84B
Time & duration of female meiosis in wheat, rye & barley. Bennett, M D *Roy Soc London Proc Ser B Biol Sci* 183 (1072): 301-319. Ref. May 15, 1973

076983 80 SA15
Location of roots of mother bushes of black currants. (Rus) Zhulia, V M *Sadov Vinogradarstvo Vinodelie Moldavii* 3: 62-64. Mar 1973

076984 SB123.A2S4
Anatomic structure of melon seeds. (Rus) Tkachenko, N M *Selek Semenovod (kiev)* 22: 102-110. 1972

076985 S13.S55
Morphological studies in experiments with use of (2-chloroethyl)trimethylammonium chloride on spring wheat. (Rus) Siaglov, V A *Sib Vestn S-kh Nauk* 1: 9-13. Jan/Feb 1973

076986 450 SI1
Sex & angiosperms. Thieret, J W *Sida Contrib Bot* 5 (2): 59-60. May 1973

076987 450 SI1
Taxonomy of Perityle section Laphamia (Compositae-Helenieae-Peritylinae. Powell, A M *Sida Contrib Bot* 5 (2): 61-128. Ref. May 1973

076988 451 F84B
Organization of conducting system of Trapa natans L. [Anatomy]. (Fre) Couillault, J *Soc Bot France Bull* 119 (3/4): 177-198. Ref. Eng. Sum. Mar/Apr 1972 (Pub. 1973)

076989 451 F84B
On 'cladophyll' morphogenesis of Asparagus densiflorus (Kunth) Jessop. (Fre) Jeremie, J *Soc Bot France Bull* 119 (3/4): 199-206. Ref. Eng. Sum. Mar/Apr 1972 (Pub. 1973)

076990 451 F84B
Remarks on vegetation ot Tulear environment. III. ways of branching of woody plants. (Fre) Thomasson, M *Soc Bot France Bull* 119 (3/4): 207-213. Eng. Sum. Mar/Apr 1972 (Pub. 1973)

076991 451 F84B
Observations & experimentation on juvenile leaves of Paulownia tomentosa H. Bn. (Fre) Jeune, B *Soc Bot France Bull* 119 (3/4): 215-230. Ref. Eng. Sum. Mar/Apr 1972 (Pub. 1973)

076992 451 F84B
On morphology of sessile & pedunculate oak. [Quercus petraea, Quercus robur]. (Fre) Becker, M *Soc Bot France Bull* 119 (3/4): 231-236. Ref. Eng. Sum. Mar/Apr 1972 (Pub. 1973)

076993 QH431.A1G43
Polyploid apple & pear varieties. Tuz, A S *Sov Genet* 6 (9): 1164-1172. Ref. Sept 1970 Transl. May 1973

076994 442.8 ST1
Euparal as a mounting medium for preserving fluorescence of aniline blue in plant material. Ramanna, M S *Stain Technol* 48 (3): 103-105. May 1973

076995 442.8 ST1
Improved procedures in fungal cytology utilizing Giemsa. Duncan, E G *Stain Technol* 48 (3): 107-110. Ref. May 1973

076996 442.8 ST1
Epoxy embedding, sectioning & staining of plant material for light microscopy. Kosakai, H *Stain Technol* 48 (3): 111-115. May 1973

076997 442.8 ST1
Sequential staining of callose by aniline blue & lacmoid for fluorescence & regular microscopy on a durable preparation of same specimen. Ramming, D W *Stain Technol* 48 (3): 133-134. Ref. May 1973

076998 505 T64
Initial hydrogen-ion concentration, a factor of morphological variation of conidia of Coryneum cardinale, Coryneum beijerinckii, Helminthosporium teres & Helminthosporium sat (Fre) Albertini, L *Toulouse Soc Hist Natur Bull* 108 (1/2): 100-114. Ref. Eng. Sum. 1St/2nd Quarters 1972

076999 451 ER43
Change in anatomic structure of Salix trunk in relation to formation of adventitious roots. (Rus) Palandzhian, V A *Tr Bot Inst Akad Nauk Arm SSR* 18: 102-109. 1972

077000 451 ER43
On layer variability of axial structure of shrubs. (Rus) Palandzhian, V A *Tr Bot Inst Akad Nauk Arm SSR* 18: 110-118. Ref. 1972

077001 442.8 T78
A study of ultrastructure of carotenoplasts, & pigment contents in parenchyma cells of parrot root. (Rus) Nedukha, E M *Tsitologiya* 15 (2): 218-220. Ref. Eng. Sum. Feb 1973

077002 20 AK1
On organogenesis of Anethum graveolens L. grown under varying light conditions. (Rus) Kuperman, F M *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 3: 21-23. Mar 1973

077003 79.8 W41
Herbicide response & morphology of interspecific sowthistle crosses. [Sonchus arvensis]. Bell, A R *Weed Sci* 21 (3): 189-193. Ref. May 1973

077004 SB13.Y3
Comparative studies of pomological characteristics of 'Satsuma oranges in Balcova, Gumuldur & Bornova. (Tur) Dokuzoguz, M *Yalova Bahce Kult Arastirma Egitim Merkezi Derg* 5 (3/4): 7-24. Ref. Eng. Sum. Sept/Nov1972

077005 450 Z32
Fine structure of intercalary meristem cells of bulb internode in Hordeum bulbosum L. Leshem, B *Z Pflanzenphysiol* 69 (4): 293-298. May 1973

077006 450 Z32
Preliminary investigations on influence of cotyledons on development of cherry embryos (Prunus avium L.). Abou-Zeid, A *Z Pflanzenphysiol* 69 (4): 299-305. Ref. May 1973

PLANT GENETICS AND BREEDING

077007 80 AC82
Preliminary studies on inheritance in Mangifera indica L. [Mangoes]. Majumder, P K *Acta Hort* 24: 120-125. Mar 1972

077008 80 AC82
Investigations on self-incompatibility in Mangifera indica L. [Mangoes]. Sharma, D K *Acta Hort* 24: 126-130. Mar 1972

077009 80 AC82
Mango hybridization at Horticultural Research Institute, Saharanpur. Chauhan, R S *Acta Hort* 24: 131-133. Mar 1972

077010 450 AD14
Some chromosome numbers of Gramineae from Sudan. (Fre) Trouin, M *Adansonia* (Ser. 2) 12 (4): 619-624. Ref. Eng. Sum. 1972

077011 464.9 C432B
Analysis of diallel crossings in corn by means of Griffing method. (Spa) Barrales V, L *Agr Tec* 33 (1): 36-43. Ref. Eng. Sum. Jan/Mar 1973

077012 1.98 AG84
Breeding resistance in rice. *Agric Res* 21 (11): 13. May 1973

077013 4 AM34P
Leaf blade areas of grain sorghum varieties & hybrids. [Heterosis]. Liang, G H *Agron J* 65 (3): 456-459. May/June 1973

077014 4 AM34P
Inbred maize performance following tassel & leaf removal. Hunter, R B *Agron J* 65 (3): 471-472. May/June 1973

077015 S15.A3
Cotton breeding report: Results on replicated trials carried out in Mozambique in 1970. (Por) Pereira Carvalho, P *Agron Mocambicana* 6 (3): 217-236. Map. July/-Sept 1972

077016 26 AG86
An attempt to develop a new eggplant variety tolerant to Pseudomonas solanacearum. (Fre) Daly, P *Agron Trop (paris)* 28 (1): 23-27. Eng. Sum. Jan 1973

077017 26 AG86
Lanacearum. (Fre) Daly, P *Agron Trop (paris)* 28 (1): 28-33. Eng. Sum. Jan 1973

077018 26 AG86
Sixth EUCARPIA congress: Plant breeding, Cambridge, (Great Britain) June 29-July 2, 1971. (Fre) Marie, R *Agron Trop (paris)* 28 (1): 86-92. Jan 1973

077019 442.9 AK132
Study of variability of seed properties in diploid, triploid & tetraploid Morus trees. (Rus) Aliev, M O *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 4: 114-119. 1972

077020 442.9 AK132
Study of combining effect of mutagens of frequency & spectrum of mutations in cotton. (Rus) Kuliev, A M *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 4: 125-134. Ref. 1972

077021 442.9 AK18
Experiments on sue of N-nitroso-N-alkylureas in breeding of Chabaud carnations (M2 – M3). [Dianthus caryophyllus]. (Rus) Vosamae, H *Akad Nauk Est Ssr Izv Ser Biol* 21 (2): 178-180. 1972

077022 442.9 AK18
Elytrigia juncea (L.) Nevski is a diploid. (Est) Viljasoo, L *Akad Nauk Est Ssr Izv Ser Biol* 22 (1): 29-31. Eng. Sum. 1973

077023 442.8 AL6
Ways of developing breeding of spring wheat in northern Kazakhstan. (Rus) Kuz'min, V P *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 1: 1-5. Jan/Feb 1973

077024 511 P444A
Radioautographic analysis of nature of sister chromatide divergence in mitosis of Vicia fab. [Broadbeans]. (Rus) Iordanskii, A B *Akad Nauk SSsr Dokl* 208 (6): 1458-1460. Ref. 1973

077025 442.8 AR26
Reproduction in Bulbochaete hiloensis (Nordst.) Tiffany iI. Sexual reproduction. Retallack, B *Arch Mikrobiol* 90 (4): 343-364. Ref. 1973

077026 442.8 AU72
Action of rec-3 on recombination near amination-1 locus of Neurospora crassa. [GenesÈ. Smyth, D R *Australian J Biol Sci* 26 (2): 439-444. Ref. Apr 1973

077027 SB327.A1B5
Natural hybridization in Phaseolus vulgaris in Pelotas, RS, Brazil. [Kidney beans]. Antunes, I F *Bean Improv Coop Annu Rep* 16: 61-62. Mar 1973

077028 QR73.B5
Oxidative enzymes of lanceolate mutant in tomato: a reappraisal. Caruso, J L *Biochem Genet* 8 (4): 351-355. Ref. Apr 1973

077029 SB950.A1B6
Fecundation experiment in Blanquilla pear tree with Berelex minor (gibberellic acid). (Spa) Fernandez Sanchez De La Niena, J M *Bol Inf Plagas* 97: 31-38. Sept 1972

077030 SB278.J3I9
Studies on breeding of low-alkaloid & low-tar tobacco. (Jap) Sato, M *Bull Morioka Tob Exp Stn* 5: 1-68. Ref. Eng. Sum. Feb 1973

077031 SB278.J3I9
Studies on haploid method of breeding by anther culture in tobacco. II. Selection in haploid plants for main characters. (Jap) Kadotani, N *Bull Morioka Tob Exp Stn* 5: 109-120. Eng. Sum. Feb 1973

077032 SB278.J3I9
Studies on haploid method of breeding by anther culture in tobacco. III. resistances of haploid plants to several diseases of tobacco. (Jap) Nakamura, A *Bull Morioka Tob Exp Stn* 5: 121-128. Ref. Eng. Sum. Feb 1973

077033 SB278.J3I9
Effects of genes, yb1 & yb2 controlling white burley character on agronomic characters & leaf properties of tobacco. II. Effects on curing process & some properties of cured leaves. (Jap) Harata, T *Bull Morioka Tob Exp Stn* 5: 129-136. Eng. Sum. Feb 1973

077034 SB278.J3I9
Development of bacterial wilt, black root rot & black shank resistant flue-cured tobacco variety, F-202. [Pseudomonas tabaci, Thielaviopsis basicola, Phytophthora parasitica]. (Jap) Murai, T *Bull Morioka Tob Exp Stn* 5: 69-89. Ref. Eng. Sum. Feb 1973

077035 SB278.J3I9
Intraspecific transfer of blue mold resistance to Japanese tobacco cultivars. II. introduction of resistance into Matsukawa & Mito-3. [Peronospora tabacina]. (Jap) Sato, M *Bull Morioka Tob Exp Stn* 5: 91-107. Ref. Eng. Sum. Feb 1973

077036 443.8 C16
Inheritance of leaf rust resistance in four common wheat varieties possessing genes at or near Lr3 locus. [Puccinia recondiata]. Haggag, M E A *Can J Genet Cytol* 15 (1): 127-134. Mar 1973

077037 443.8 C16
Inheritance of oil & protein content in a diallel cross of sesame (Sesamum indicum L.). Murty, D S *Can J Genet Cytol* 15 (1): 177-184. Mar 1973

077038 443.8 C16
Differences in beta-amylase activity between cytoplasms & among inbreds in maize, Zea mays L. Peterson, P A *Can J Genet Cytol* 15 (1): 185-196. Ref. Mar 1973

077039 443.8 C16
Genotype x year interactions & ecovalence in raspberry selection. Fejer, S O *Can J Genet Cytol* 15 (1): 226-229. Mar 1973

077040 443.8 C16
Non-homologous associations of haploid barley chromosomes in cytoplasm of Hordeum bulbosum L. Sadasivaiah, R S *Can J Genet Cytol* 15 (1): 45-52. Mar 1973

077041 443.8 C16
Temperature effects on complementation patterns at ad-3B locus of Neurospora crassa. Griffiths, A J F *Can J Genet Cytol* 15 (1): 53-58. Mar 1973

077042 443.8 C16
Developmental differences in action of R & B alleles in maize. Styles, E D *Can J Genet Cytol* 15 (1): 59-72. Ref. Mar 1973

077043 443.8 C16
Gentics of pathogenicity in threee races of leaf rust on four wheat varieties. [Puccinia recondita]. Haggag, M E A *Can J Genet Cytol* 15 (1): 73-82. Mar 1973

077044 19.5 C333
International cooperation between socialistic countries in male sterility research. [plants]. (Cze) Apltauerova, M *Cesk Akad Zemed Vestn* 20 (1): 29-33. 1973

077045 80 C352
Professor Dr. Reinhold von Sengbush 75 years old. [Plant breeding]. (Ger) Lemke, G *Champignon* 138: 3-6. Feb 1973

077046 442.8 C46
Genetic control of bivalent pairing in Avena strigosa polyploid complex. Ladizinsky, G *Chromosoma* 42 (1): 105-110. Ref. 1973

077047 442.8 C46
Somatic association of chromosomes in asynaptic genotypes of Avena sativa L. [Oats]. Thomas, H *Chromosoma* 42 (1): 87-94. Ref. 1973

077048 442.8 C46
Genetic length & interference in telo-substituted interchange heterozygotes of rye. Sybenga, J *Chromosoma* 42 (1): 95-104. 1973

077049 68.38 C642
Breeding cocoa for different ecological needs in Nigeria. [Cacao]. Atanda, O A *Cocoa Grow Bull* 20: 17-23. Ref. Feb 1973

077050 18 D4825T
Determining size of random sampling for per plot qualifying test marks in cereal breeding. (Ger) Korschens, M *Deut Akad Landwirtschaftswiss Tagungsber* 119: 105-112. Ref. Eng. Sum. 1972

077051 18 D4825T
Some aspects to improve protein composition of fodder cereals by breeding rom point of view of protein researc h. (Ger) Bock, H D *Deut Akad Landwirtschaftswiss Tagungsber* 119: 113-119. Ref. Eng. Sum. 1972

077052 18 D4825T
Possible ways to influence nitrogen utilization by breeding of forage barley. (Ger) Wustrack, H J *Deut Akad Landwirtschaftswiss Tagungsber* 119: 121-128. Eng. Sum. 1972

077053 18 D4825T
Results of hybridization with Atlas 66. [Wheat]. (Ger) Richter, K *Deut Akad Landwirtschaftswiss Tagungsber* 119: 137-144. Ref. Eng. Sum. 1972

077054 18 D4825T
Valence crosses in rye (Secale cereale). 3. Frequency of 3x & 4x hybrids under various pollination conditions. (Ger) Mettin, D *Deut Akad Landwirtschaftswiss Tagungsber* 119: 145-152. Eng. Sum. 1972

077055 18 D4825T
Early diagnosis in cereal breeding. (Ger) Schmalz, H *Deut Akad Landwirtschaftswiss Tagungsber* 119: 15-30. Ref. Eng. Sum. 1972

077056 18 D4825T
Study of trisomic forms of rye (Secale cereale). (Ger) Mettin, D *Deut Akad Landwirtschaftswiss Tagungsber* 119: 153-161. Ref. Eng. Sum. 1972

077057 18 D4825T
Genetic differentiations in mating behavior of rye chromosomes. (Ger) Deutschmann, G *Deut Akad Landwirtschaftswiss Tagungsber* 119: 163-166. Eng. Sum. 1972

077058 18 D4825T
Crossing barriers of Secale silvestre genoms in relation to other Secale genoms. (Ger) Friedrich, A *Deut Akad Landwirtschaftswiss Tagungsber* 119: 167-174. Eng. Sum. 1972

077059 18 D4825T
Secale vavilovii as partner in valence crossings. (Ger) Hempel, G *Deut Akad Landwirtschaftswiss Tagungsber* 119: 175-180. Eng. Sum. 1972

077060 18 D4825T
Possible use of translocation in breeding. [Barley]. (Ger) Kunzel, G *Deut Akad Landwirtschaftswiss Tagungsber* 119: 181-186. Ref. Eng. Sum. 1972

077061 18 D4825T
Results of experiment with a population model of spring wheat – behavior of different genotypes in pure & in mixed stands. (Ger) Thiele, M *Deut Akad Landwirtschaftswiss Tagungsber* 119: 187-192. Eng. Sum. 1972

077062 18 D4825T
Granulation value of lamina of cereals (with recommendations for breeding). (Ger) Focke, R *Deut Akad Landwirtschaftswiss Tagungsber* 119: 33-40. Eng. Sum. 1972

077063 18 D4825T
Correlation between formation & accumulation of assimilate s [Grain]. (Ger) Apel, P *Deut Akad Landwirtschaftswiss Tagungsber* 119: 41-46. Ref. Eng. Sum. 1972

077064 18 D4825T
Shortening of test period in cereal breeding by classification of environmental conditions. (Ger) Batz, G *Deut Akad Landwirtschaftswiss Tagungsber* 119: 95-103. Eng. Sum. 1972

077065 511 AK147D
Valuable hybrid wheat forms. (Aze) Mustafaev, I D *Dokl Akad Nauk Az SSR* 28 (6/7): 70-73. Ref. Eng. Sum. 1972

077066 451 ED42N
Cytogenetic studies in Spergularia: vii cryptic speciation in S. media (L.) C. Presl & S. marina (L.) Griseb. Ratter, J A *Edinb Roy Bot Gard Notes* 32 (2): 291-296. 1973

077067 451 ED42N
Cytogenetic studies in Spergularia: vIII. Barriers to production of viable interspecific hybrids. Ratter, J A *Edinb Roy Bot Gard Notes* 32 (2): 297-301. Ref. 1973

077068 60.8 F742
Recurrent selection for seedling vigor in birdsfoot trefoil. Twamley, B E *Forage Notes (Ottawa)* 18 (1): 13. Spring 1973

077069 80 R52
Shall we have peppers free from virosis? [Breeding]. (Ita) Ghisleni, L *Frutticoltura* 35 (2): 23-25. Feb 1973

077070 TX341.F63
Plant population explosion. [Genetic improvement]. Swaminathan, M S *FAo Rev* 6 (2): 11-15. Mar/Apr 1973

077071 22.5 ST8
Cytogenetics & taxonomy of genus Globba L. (Zingiberaceae) in Malaya. IV. Distribution in relation to polyploidy. Siew-Ngo, L *Gard Bull* 26 (1): 115-126. Map. Dec 30, 1972

077072 443.8 G28
Some results of X-ray & neutron application of vine breeding. [Grapes]. Coutinho, M P *Genet Iber* 24 (1/2): 77-92. Ref. 1972

077073 443.8 G28
Preservation of pollen & improvement of plants. [African oilpalm]. (Por) Crespo-Ascenso, J *Genet Iber* 24 1/2): 107-122. Ref. Eng. Sum. 1972

077074 450 G282
Inheritance of self-incompatibility in a few varieties of early cabbage (Brassica oleracea var. Capitata f. alba). II. Hoser-Krauze, J *Genet Polon* 13 (4): 109-115. 1972 (Pub. 1973)

077075 450 G282
Studies on combining ability of homozygous self-incompatible lines of white early cabbage (Brassica oleracea var. capitata F. Alba). Hoser-Krauze, J *Genet Polon* 13 (4): 117-135. Ref. 1972 (Pub. 1973)

077076 450 G282
Hybrids in Hiantia Borb. section Trifolium L. Genus. I. Morphological characters & fertility. Kazimierski, T *Genet Polon* 13 (4): 67-90. Ref. 1972 (Pub. 1973)

077077 450 G282
Induced alloploids in grasses of Festuca & Lolium genera. III. Festuca gigantea (L.) Vill. (2n 42) x Festuca arundinaces Schreb. (2n 42) hybrid derivatives. Sulinowski, S *Genet Polon* 13 (4): 91-107. Ref. 1972 (Pub. 1973)

077078 443.8 G283
Inheritance of plasmodial valine requirement in Physarum polycephalum. Dee, J *Genet Res* 21 (1): 87-101. Ref. Feb 1973

077079 443.8 G283
Non-homologous meiotic pairing in a & b genomes of Brassica: its breeding significance in production of variable amphidiploids. Prakash, S *Genet Res* 21 (2): 133-137. Apr 1973

077080 442.8 G28
Localized instabilities in plants: a review & some speculations. [Antirrhinum majus, mutation]. Fincham, J R S *Genetics* 73 (Suppl.): 195-205. Apr 1973

077081 442.8 G28
Sensitivity of meiotic yeast cells to ultraviolet light. Smichen, G *Genetics* 73 (4): 531-541. Ref. Apr 1973

077082 442.8 G28
Resolving enigma of multiple mutant sectors in stamen hairs of Tradescantia. Mericle, L W *Genetics* 73 (4): 575-582. Apr 1973

077083 442.8 G28
Somatic crossing over in Lycine max (L.) Merrill: effect of some inhibitors of dna synthesis on induction of somatic crossing over & point mutations. [Soybeans]. Vig, B K *Genetics* 73 (4): 583-596. Ref. Apr 1973

077084 442.8 G28
Selective somatic elimination of Nicotiana glutinosa chromosomes in F hybrids of Nicotiana suaveolens & Nicotiana glutinosa. Gupta, S B *Genetics* 73 (4): 605-612. Ref. Apr 1973

077085 QH431.A1G4
Experimental mutagenesis of apple-tree. I. character of effect & after-effect of X-irradiation on development & genotype of Malus domestica. (Rus) Kolontaev, V M *Genetika* 9 (4): 12-21. Ref. Eng. Sum. Apr 1973

077086 QH431.A1G4
Selection & genetical aspects in improving winter-resistance of winter wheat. (Rus) Guliaev, G V *Genetika* 9 (4): 132-143. Ref. Eng. Sum. Apr 1973

077087 QH431.A1G4
Effect of additional treatment with ethylene imine of haricot seeds after gamma-irridiation. (Rus) Rukmanski, G IA *Genetika* 9 (4): 144-146. Eng. Sum. Apr 1973

077088 QH431.A1G4
Characteristics of varieties of tobacco world collection in crosses with sterile forms on cytoplasm of Nicotiana megalosiphon & Nicotiana plumbaginifolia. (Rus) Grebenkin, A P *Genetika* 9 (4): 22-25. Ref. Eng. Sum. Apr 1973

077089 QH431.A1G4
Induced mutagenesis in strains of Chlorella vulgaris differing in their radiosensitivity. (Rus) Ozol, A A *Genetika* 9 (4): 39-48. Ref. Eng. Sum. Apr 1973

077090 QH431.A1G4
Dichotomous branching of stalk & absence of tassel in maize caused by aneuploidy. (Rus) Miku, V E *Genetika* 9 (4): 5-11. Ref. Eng. Sum. Apr 1973

077091 S19.G5
Characterization & selection of pawpaw varieties (Carica papaya L.) in Ghana. Pospisil, F *Ghana J Agr Sci* 5 (2): 137-151. 1972

077092 442.8 H42
Linkage between marker genes on barley chromosome 2 & a gene for resistance to Heterodera avenae. Andersen, S *Hereditas* 73 (2): 271-276. Ref. 1973

077093 442.8 H42
Cytogenetic investigations in hexaploid Triticale. II. Meiosis & fertility in F1 & F2. Merker, A *Hereditas* 73 (2): 285-289. Ref. 1973

077094 64.8 H66
Basic problems of rye genetics. (Pol) Ruebenbauer, T *Hodowla Roslin Aklimatyzacja Nasiennictwo* 16 (5): 363-382. Eng. Sum. 1972

077095 64.8 H66
Studies on inheritance of resistance to powdery mildew (Erysiphe graminis D. C. F. sp. Hordei Marschal) in barley. (Pol) Czembor, H J *Hodowla Roslin Aklimatyzacja Nasiennictwo* 16 (5): 403-411. Ref. Eng. Sum. 1972

077096 64.8 H66
Genetic variability in synthesis of colouring matter, growth & regeneration abilities in cultivated in vitro tissues of Polish-bred edible carrot varieties. (Pol) Miszke, W *Hodowla Roslin Aklimatyzacja Nasiennictwo* 16 (6): 445-476. Ref. Eng. Sum. 1972

077097 64.8 H66
Embryological investigations on sugar beet X Beta lomatogona F. et M. hybrids. III. [Cytogenetics]. (Pol) Jassem, B *Hodowla Roslin Aklimatyzacja Nasiennictwo* 16 (6): 549-558. Ref. Eng. Sum. 1972

077098 64.8 H66
Biological method for evaluation of folder planta in breeding using common vole (Microtus arvalis Pall.). (Pol) Proczuk, S *Hodowla Roslin Aklimatyzacja Nasiennictwo* 17 (1): 1-20. Ref. Eng. Sum. 1973

077099 64.8 H66
Variability of utilization features of sorghum hybrids F1 & F2. (Pol) Kaminska, A *Hodowla Roslin Aklimatyzacja Nasiennictwo* 17 (1): 21-39. 1973

077100 SB123.E39
Study of mutation variability in winter wheat. (Rus) Siladi, D *In Eksperimental'nyi Mutagenez v Selektsii* P. 140-141. 1972

077101 QH431.M59
Occurrence of complete & mosaic mutants in various phases of cell cycle of Chlorella with action of ethyleneimine & ultraviolet & gamma rays. (Rus) Shevchenko, V A *In Molekuliarnye Mekhanizmy Geneticheskikh Protsessov* P. 129-134. Ref. 1972

077102 QH431.M59
Reparational systems in Cyanophyta algae – study of mutants sensitive to inactivating factors. (Rus) Shestakov, S V *In Molekuliarnye Mekhanizmy Geneticheskikh Protsessov* P. 358-364. Ref. 1972

077103 QH431.M59
Study of intrachromosomal & interchromosomal distribution of chromatid aberrations introduced by chemical agents: study of 'synthetic' karyotypes of Vicia faba. [Broadbeans]. (Rus) Riger, R *In Molekuliarnye Mekhanizmy Geneticheskikh Protsessov* P. 99-113. Ref. 1972

077104 22 AG83I
Genetic studies on yield components in pea (Pisum sativum L. Var. arvense poir.). Srivastava, J P *Indian J Agr Sci* 42 (11): 1001-1004. Ref. Nov 1972

077105 22 AG83I
Qualitative aspects of sorghum hybirds. Rao, H K H *Indian J Agr Sci* 42 (11): 1004-1007. Nov 1972

077106 22 AG83I
Breeding high-yielding varieties of rice (Oryza sativa L.) with better grain quality. Govindaswami, S *Indian J Agr Sci* 42 (11): 993-998. Ref. Nov 1972

077107 22 AG83I
Inheritance of number of days to silking & seed size in maize (Zea mays L.). Sharma, D *Indian J Agr Sci* 42 (11): 998-1001. Ref. Nov 1972

077108 442.9 H79
Effects of gamma-ray irradiation on self-incompatibility of cabbage (Brassica oleracea L.). [Breeding]. Hosoda, T *Inst Radiat Breed Jap Gamma Field Symp* 10: 1-10. Ref. Mar 1973

077109 442.9 H79
Effect of chronic gamma radiation on hybridization between Lycopersicon esculentum & Lycopersicon peruvianum. [Tomato breeding]. Yamakawa, K *Inst Radiat Breed Jap Gamma Field Symp* 10: 11-31. Ref. Mar 1973

077110 442.9 H79
Effect of gamma-irradiation on recombination in rice, Oryza sativa L. [Breeding]. Omura, T *Inst Radiat Breed Jap Gamma Field Symp* 10: 33-40. Ref. Mar 1973

077111 442.9 H79
Radiation induced interspecific gene transfers in genus Nicotiana. [Tobacco breeding]. Niwa, M *Inst Radiat Breed Jap Gamma Field Symp* 10: 41-57. Ref. Mar 1973

077112 442.9 H79
Radiation induced interspecific gene transfer in genus Nicotiana. [Tobacco breeding]. (Jap) Fuji, T *Inst Radiat Breed Jap Gamma Field Symp* 10: 57-58. Mar 1973

077113 61.9 IN8
Cytogenetics & plant breeding. Ramage, R T *Int Crop Impr Ass Annu Rep* 54: 57-62. 1972

077114 61.9 IN8
Certification for genetic purity. [Seeds]. Johnson, I J *Int Crop Impr Ass Annu Rep* 54: 88-93. 1972

077115 20 M57AG
Experiences with breeding alfalfa in USSR. (Ger) Lubenez, P *Int Z Landwirt* 2: 163-169. 1973

077116 20 M57AG
Breeding red clover & prospects of red clover culture in Hungary. (Ger) Janossy, A *Int Z Landwirt* 2: 170-172. 1973

077117 20 M57AG
Breeding of clover & alfalfa in Czechoslovak Republic. (Ger) Branzovsky, I *Int Z Landwirt* 2: 173-176. Map. 1973

077118 20 M57AG
Significance, breeding & seed culture of red clover in German Democratic Republic. (Ger) Baudis, H *Int Z Landwirt* 2: 177-181. Ref. 1973

077119 20 M57AG
Organization of seed growing of grain & hard seed Leguminosae in uSSR. (Ger) Sabasny, P *Int Z Landwirt* 6: 638-642. 1972

077120 20 M57AG
Breeding & seed production of economic plants in Poland. (Ger) Paszowski, W *Int Z Landwirt* 6: 643-648. 1972

077121 20 M57AG
Seed production in Hungary. (Ger) Szabo, J *Int Z Landwirt* 6: 648-651. 1972

077122 20 M57AG
Breeding & seed producton of sunflowers. (Ger) Pustovoit, W *Int Z Landwirt* 6: 651-655. 1972

077123 20 M57AG
Sugar beet breeding in a new phase. [USSR]. (Ger) Maslumov, A *Int Z Landwirt* 6: 655-661. 1972

077124 20 M57AG
Results of plant breeding in Bulgaria. (Ger) Dimitrov, D *Int Z Landwirt* 6: 661-664. 1972

077125 20 M57AG
Breeding fodder barley with higher protein content. [Czechoslovakia]. (Ger) Benc, S *Int Z Landwirt* 6: 664-666. 1972

077126 20 M57AG
Corn hybrid BEKE 270, first corn hybrid created by mutual cooperative effort of corn breeders of German Democratic Republic & Hungary. (Ger) Knupfer, H *Int Z Landwirt* 6: 666-667. 1972

077127 20 M57AG
Breeding of corn, wheat & barley to increase content & quality of proteins. (Ger) Kucera, J *Int Z Landwirt* 6: 668-671. 1972

077128 S9.I83
'herditary oriented divergence' by environmental factors. [Wheat, genetics]. (Ita) Dionigi, A *Ist Sper Agron Ann* 2 (2): 313-334. Ref. Eng. Sum. 1971 (Pub. 1972)

077129 442.9 J27
Genetical & physiological analysis of pseudo-self-compatibility in Petunia hybrida. Takahashi, H *Jap J Genet* 48 (1): 27-33. Ref. Feb 1973

077130 442.9 J27
Comparison of genetic effects of scattering radiation with direct gamma rays in stamen hairs of Tradescantia ohiensis KU 7 clone. Ichikawa, S *Jap J Genet* 48 (1): 35-40. Feb 1973

077131 60.9 J27
History of local strains of timothy in Hokkaido & its breeding implication. [Phleum]. Shimada, T *Jap Soc Grassland Sci J* 18 (4): 267-276. Ref. Dec 1972

077132 QP981.T6K4
Tobacco & health related research involving breeding, transfer & biosynthesis of phytosterols in tobacco. Davis, D L *Ky Univ Tob Health Res Inst Conf Rep* 4: 673-678. Ref. 1973

077133 22 M262
Inheritance of stripe rust resistance in intervarietal crosses of Triticum aestivum. [Wheat, Puccinia striiformis]. Minhas, A S *Madras Agr J* 60 (1): 45-48. Jan 1973

077134 22 M262
Studies on crosses between dwarf & tall indica rice varieties. Rajagopalan, K *Madras Agr J* 60 (2): 104-110. Feb 1973

077135 22 M262
Evaluation of rice quality. [Breeding]. Sivasubramaniam, S *Madras Agr J* 60 (2): 133-136. Feb 1973

077136 18 N39
Better protein from corn? [Breeding]. (Ger) Pollmer, W G *Mitt Deut Landwirtges* 88 (11): 294-296. Mar 15, 1972

077137 450 M994
Heterozygous diploid strains of Aspergillus nidulans: enhanced virulence for mice in comparison to a prototrophic haploid strain. Purnell, D M *Mycopathol Mycol Appl* 49 (4): 307-319. Ref. Apr 30, 1973

077138 S19.M9
Natural crossing in pigeon pea [Cajanus cajan (L.) Millsp.]. Prasad, S *Mysore J Agr Sci* 6 (4): 426-429. Ref. 1972

077139 S19.M9
Breeding for shootfly resistance in sorghum. Usman, S *Mysore J Agr Sci* 6 (4): 509-512. 1972

077140 500 N21P
Genetic control of development in Volvox: isolation & characterization of morphogenetic mutants. Sessoms, A H *Nat Acad Sci Proc* 70 (5): 1335-1338. May 1973

077141 100 OR3OR
Strawberry shapes up. [Breeding] agricultural experiment station. *Oreg Agr Progr* 19 (4): 3-15. Spring 1973

077142 450 OS7
Chromosome studies on mosses from Austria, Czechoslovakia & other parts of Central Europe. Bryan, V S *Osterr Bot Z* 121 (3/4): 187-226. Ref. 1973

077143 450 P695
Hybrid Amaryllis: to breed in, or out, or both? Cage, J M *Plant Life* 29 (1/4): 53-55. Jan/Oct 1973

077144 463.3 ST4
Developmental genetics; with emphasis on lower eukaryotic platns. Srb, A M *Plant Physiol* 6c: 293-340. Ref. 1972

077145 463.3 ST4
Genetics & development of higher plants: a summary of current concepts. Heslop-Harrison, J *Plant Physiol* 6c: 341-366. Ref. 1972

077146 QK1.P5
5-Bromodeoxyuridine-resistant cell lines from haploid tobacco. Maliga, P *Plant Sci Lett* 1 (3): 119-121. Mar 1973

077147 QK1.P5
Genetic control of isozymes of acid phosphatase in Arabidopsis thaliana. Jacobs, M *Plant Sci Lett* 1 (3): 95-104. Ref. Mar 1973

077148 19.5 P752
Genetic correlationships of quality indices in winter wheat. I. (Slo) Hraska, S *Pol'nohospodarstvo* 19 (1): 3-10. Eng. Sum. 1973

077149 20.5 P84
State & prospects of development of cereals genetics & breeding in Poland. (Pol) Ruebenbauer, T *Postepy Nauk Roln* 19 (6): 3-14. Nov/Dec 1972

077150 20.5 P84
A review of most important investigations on utilzation, growing & breeding of winter vetch (Vicia villosa Roth.). (Pol) Mlyniec, W *Postepy Nauk Roln* 19 (6): 81-100. Ref. Nov/Dec 1972

077151 20.5 P84
Application of monosomic & nullisomic lines in wheat (Triticum aestivum) breeding. (Pol) Orlikowska, T *Postepy Nauk Roln* 20/25 (1): 3-17. Ref. 1973

077152 S13.P72
Contribution to study of maintaining breeding methods in red clover /Trifolium pratense var. praecox/. (Cze) Cerny, J *Prague Vys Sk Zemed Fak Agron Sb Rada A Rostl Vyroba* 1: 149-159. Eng. Sum. 1973

077153 21 R862
Some theories concerning philogenetic development of corn. (Rum) Muresan, T *Probl Agr (bucharest)* 24 (12): 42-52. Ref. 1972

077154 S17.M3
Genetic studies in pigeonpea. XIV. Round leaf x Obcordifolia (N-Black). Kohle, A K *Res J Mahatma Phule Agric Univ* 3 (1): 21-26. Ref. Jan 1972

077155 S17.M3
Polyploidy in Basella. D'Cruz, R *Res J Mahatma Phule Agric Univ* 3 (1): 27-30. Jan 1972

077156 S17.M3
A mini & cup shaped leaflet mutant in groundnut. Desale, S C *Res J Mahatma Phule Agric Univ* 3 (1): 57-59. Jan 1972

077157 S17.M3
Inheritance of ieaflet number & flower & seed coat colour in red gram (Cajanus cajan Millsp.). Patil, J A *Res J Mahatma Phule Agric Univ* 3 (1): 6-11. Jan 1972

077158 S17.M3
Autopolyploidy in Achras sapota L. [Sapodilla]. D'Cruz, R *Res J Mahatma Phule Agric Univ* 3 (1): 60. Jan 1972

077159 S17.M3
Aneuploidy in tur (Cajanus cajan (L.) Millsp.). [Pigeonpeas]. D'Cruz, R *Res J Mahatma Phule Agric Univ* 3 (1): 61-62. Jan 1972

077160 100 OK4M
Sorghum breeding. Weibel, D E *Res Rep P Agric Exp Stn Okla State Univ* 684: 30. May 1973

077161 450 SA8
Mating reactions in Trichophyton terrestre complex. Padhye, A A *Sabouraudia* 11 (1): 64-69. Ref. Mar 1973

077162 QH431.A1S25
Using information of more than one kind. [Plant breeding]. (Cze) Pesek, J *Sb UVti Genet Slechteni (ustav Vedeckotech Inform)* 9 (46): I-xi. Ref. Eng. Sum. Jan 1973

077163 QH431.A1S25
On course of ripening & germination of pollen grains in lucerne (Medicago L. sp. Div.). (Cze) Schmied, M *Sb UVti Genet Slechteni (ustav Vedeckotech Inform)* 9 (46): 1-10. Ref. Eng. Sum. Jan 1973

077164 QH431.A1S25
Inducing haploidy in potato. (Cze) Zadina, J *Sb UVti Genet Slechteni (ustav Vedeckotech Inform)* 9 (46): 11-18. Ref. Eng. Sum. Jan 1973

077165 QH431.A1S25
New winter wheat genotypes. (Cze) Smocek, J *Sb UVti Genet Slechteni (ustav Vedeckotech Inform)* 9 (46): 19-22. Jan 1973

077166 QH431.A1S25
Influence of selection for content of amino acids on productivity of sugar beet. (Cze) Benc, S *Sb UVti Genet Slechteni (ustav Vedeckotech Inform)* 9 (46): 23-32. Ref. Eng. Sum. Jan 1973

077167 QH431.A1S25
General & specific combining ability of qualitative characters in winter wheat. (Cze) Vlach, M *Sb UVti Genet Slechteni (ustav Vedeckotech Inform)* 9 (46): 33-38. Eng. Sum. Jan 1973

077168 QH431.A1S25
Investigation of inheritance of morphine content & of oil content in poppy (Papaver somniferum L.). (Cze) Hlavackova, Z *Sb UVti Genet Slechteni (ustav Vedeckotech Inform)* 9 (46): 39-44. Eng. Sum. Jan 1973

077169 QH431.A1S25
Influence of order in development of panicle on occurrence of chlorophyll mutations in oats. (Cze) Bezecny, L *Sb UVti Genet Slechteni (ustav Vedeckotech Inform)* 9 (46): 55-58. Eng. Sum. Jan 1973

077170 QH431.A1S25
Resistance of selected west-German wheat cultivars in rusts in Czechoslovakia. [Puccinia]. (Cze) Bartos, P *Sb UVti Genet Slechteni (ustav Vedeckotech Inform)* 9 (46): 59-66. Eng. Sum. Jan 1973

077171 QH431.A1S25
Present stage of heterosis breeding of horsebean (Vicia faba L. Genetika var. equina). (Cze) Homola, I *Sb UVti Genet Slechteni (ustav Vedeckotech Inform)* 9 (46): 67-74. Ref. Eng. Sum. Jan 1973

077172 SB123.A2S4
Soybean varieties of USA as stock for breeding. (Rus) Leshchenko, A K *Selek Semenovod (kiev)* 22: 14-21. 1972

077173 SB123.A2S4
Tasks & methods of breeding lupine as a forage crop in western Ukraine. (Rus) Mikhailets, V I *Selek Semenovod (kiev)* 22: 24-29. 1972

077174 SB123.A2S4
On methods of blending variants in field experiment replication. [Plant breeding, wheat]. (Rus) Litun, P P *Selek Semenovod (kiev)* 22: 29-36. 1972

077175 SB123.A2S4
Natural hybridization of winter wheat under various ecological-geographical conditions. (Rus) Pyl'nev, V M *Selek Semenovod (kiev)* 22: 3-9. Ref. 1972

077176 SB123.A2S4
Inherited mutations in winter wheat as affected by heat activity. (Rus) Kucheriavaia, M I *Selek Semenovod (kiev)* 22: 37-42. 1972

077177 SB123.A2S4
Change in winter wheat in spring forms. (Rus) Vatulia, E E *Selek Semenovod (kiev)* 22: 42-45. 1972

077178 SB123.A2S4
Specific mutation caused by grafting peas onto beans for forage. (Rus) Sobchuk, V V *Selek Semenovod (kiev)* 22: 58-61. 1972

077179 61.9 SE5
Study of reciprocal crosses in corn. (Rus) Chuchmii, I P *Selek Semenovod (moscow)* 12: 30-33. Mar/Apr 1973

077180 61.9 SE5
On economic evaluation of new varieties & scientific research on breeding. [Seeds, grain]. (Rus) Malashin, V D *Selek Semenovod (moscow)* 2: 18-22. Mar/Apr 1973

077181 61.9 SE5
Plant breeding center of central Chernozem belt. (Rus) Ivanov, N N *Selek Semenovod (moscow)* 2: 24-27. Mar/Apr 1973

077182 61.9 SE5
Unit for accelerated reproduction of plant breeding stock. [Wheat, barley]. (Rus) Lisovskii, G M *Selek Semenovod (moscow)* 2: 27-30. Mar/Apr 1973

077183 61.9 SE5
On breeding spring barley for grain quality. (Rus) Nikitenko, G F *Selek Semenovod (moscow)* 2: 34-35. Mar/Apr 1973

077184 61.9 SE5
High protein mutant forms of Lathyrus lines. (Rus) Chekalin, N M *Selek Semenovod (moscow)* 2: 39-41. Mar/Apr 1973

077185 61.9 SE5
Breeding high, yielding varieties of winter wheat. [Bulgaria]. (Rus) Popov, P *Selek Semenovod (moscow)* 2: 70-72. Mar/Apr 1973

077186 61.9 SE5
Experiments in altering winter wheats to spring wheats. (Rus) Rapenok, M S *Selek Semenovod (moscow)* 2: 78-79. Mar/Apr 1973

077187 61.8 SE53
Breeding of industry peas. I. Variety test. (Ita) Audiberti, C *Sementi Elette* 19 (1): 13-22. Ref. Eng. Sum. Jan/Feb 1973

077188 61.8 SE53
Genetics & vegetable production. (Ita) Bianchi, A *Sementi Elette* 19 (1): 7-12. Eng. Sum. Jan/Feb 1973

077189 S13.S55
Modern methods of genetic research in animal industry & plant industry. (Rus) Beliaev, D K *Sib Vestn S-kh Nauk* 1: 14-18. Jan/Feb 1973

077190 S13.S55
Results of work in breeding soybeans for quick ripening. (Rus) Vashchenko, A P *Sib Vestn S-kh Nauk* 1: 18-22. Jan/Feb 1973

077191 QH431.A1G43
Seven years' work with winter wheat in Siberia. [Breeding]. Pisarev, V E *Sov Genet* 6 (10): 1275-1278. 1970 Transl. May 15, 1973

077192 QH431.A1G43
Characteristics of crossing Triticale (2n 56) with soft winter wheat & winter hardiness of hybrids. Volkov, V R *Sov Genet* 6 (10): 1289-1295. Ref. 1970 Transl. May 15, 1973

077193 QH431.A1G43
Influence of acriflavine on appearance of factor controlling diplosporia in Poa palustris L. Zhirov, E G *Sov Genet* 6 (10): 1296-1299. 1970 Transl. May 15, 1973

077194 QH431.A1G43
Application of statistical effect of buffering to mutations in search for background characters in plants. [Acer negundo, Arabidopsis thaliana]. Dragavtsev, V A *Sov Genet* 6 (10): 1300-1303. Ref. 1970 Transl. May 15, 1973

077195 QH431.A1G43
Genetic nature of mutations of sunflower, induced by N-nitroso-N-methylurea. II. Chlorina mutations. Razoriteleva, E K *Sov Genet* 6 (10): 1304-1308. Ref. 1970 Transl. May 15, 1973

077196 QH431.A1G43
Polyploidy & radioresistance in yeast. I. Effect of mutation xrsl-5 on radioresistance of polyploid series of Saccharomyces cerevisiae. Zakharov, I A *Sov Genet* 6 (10): 1355-1359. Ref. 1970 Transl. May 15, 1973

077197 QH431.A1G43
Comparative genetics of yeast. IV. Identification of maltose complementary factors in Saccharomyces yeast. Naumov, G I *Sov Genet* 6 (10): 1371-1373. Ref. 1970 Transl. May 15, 1973

077198 QH431.A1G43
Producing induced mutations in soybean. Boreiko, A M *Sov Genet* 6 (10): 1406-1411. 1970 Transl. May 15, 1973

077199 QH431.A1G43
Genetics of rye (Secale cereale L.). XII. Inheritance of hairiness of floral glumes. Fedorov, V S *Sov Genet* 6 (6): 699-709. Ref. June 1970 Transl Mar 1, 1973

077200 QH431.A1G43
Effect of type of cytoplasm & level of backcrossing of sterile counterparts of parental forms on grain yield of corn hybrids. Palii, A F *Sov Genet* 6 (6): 710-714. Ref. June 1970 Transl Mar 1, 1973

077201 QH431.A1G43
Synthesis of three-species wheat-rye amphidiploids. Shulyndin, A F *Sov Genet* 6 (6): 715-724. Ref. June 1970 Transl Mar 1, 1973

077202 QH431.A1G43
Investigation of plastome mutability. I. Characteristics of a tomato plastome mutant. Samsonova, I A *Sov Genet* 6 (6): 725-729. Ref. June 1970 Transl Mar 1, 1973

077203 QH431.A1G43
Effect of split-dose irradiation on chromosome rearrangements in G2-stage of mitotic cycle of Vicia faba seedlings. [Broadbeans. Aptikaeva, G F *Sov Genet* 6 (6): 730-734. Ref. June 1970 Transl Mar 1, 1973

077204 QH431.A1G43
Aneuploidy in seed progeny of allopolyploidal peppermint Mentha piperita L. Belyaeva, R G *Sov Genet* 6 (6): 735-743. Ref. June 1970 Transl Mar 1, 1973

077205 QH431.A1G43
Chromosome damage in cells of dormant Crepis capillaris seeds irradiated with various doses of gamma-rays. Draevoi, S Y *Sov Genet* 6 (6): 744-752. Ref. June 1970 Transl Mar 1, 1973

077206 QH431.A1G43
Fromation of incomplete translocations in Crepis capillaris during X-ray irradiation in G2-stage of mitotic cycle. [Chromosome mutations]. Generalova, M V *Sov Genet* 6 (6): 753-756. June 1970 Transl Mar 1, 1973

077207 QH431.A1G43
Effect of temperature on activity of ethylmethane sulfonate on Crepis capillaris seeds & sprouts. [Chromosomal aberrations]. Grinikh, L I *Sov Genet* 6 (6): 757-765. Ref. June 1970 Transl Mar 1, 1973

077208 QH431.A1G43
Ratio of gene & chromosome mutations in ethylenimine-treated barley seeds during storage. Garina, K P *Sov Genet* 6 (6): 766-775. Ref. June 1970 Transl Mar 1, 1973

077209 QH431.A1G43
Gene mutations affecting cytochrome system in yeasts. Harovoi, B F *Sov Genet* 6 (6): 811-815. Ref. June 1970 Transl Mar 1, 1973

077210 QH431.A1G43
Response of hybridized wheat seeds to irradiation by X-rays. Avakyan, V A *Sov Genet* 6 (6): 844-946. June 1970 Transl Mar 1, 1973

077211 QH431.A1G43
Production of self-pollinating strains in self-incompatible sugar beet plants. [Breeding]. Maletskii, S I *Sov Genet* 6 (6): 847-850. June 1970 Transl Mar 1, 1973

077212 QH431.A1G43
Mutagenic effect of thio-tep in three successive mitotic cycles in Crepis capillaris. Kagramanyan, R S *Sov Genet* 6 (6): 851-852. June 1970 Transl Mar 1, 1973

077213 QH431.A1G43
Aneuploidy & nature of disturbances of meiosis in various froms of wheat: Agropyron amphidiploids (2n 56). Golubovskaya, I N *Sov Genet* 6 (7): 857-867. Ref. July 1970 Translated 1973

077214 QH431.A1G43
A cytological analysis of hybrids from crossing triticale (2n 56) with soft winter wheat. Volkov, V R *Sov Genet* 6 (7): 868-872. Ref. July 1970 Translated 1973

077215 QH431.A1G43
Evolution of clonal populations of Cerasus vulgaris Mill. Kraevoi, S Y *Sov Genet* 6 (7): 873-881. Ref. July 1970 Translated 1973

077216 QH431.A1G43
Mutational variability in barley hybrids & their parental forms, induced by gamma irradiation. Manzyuk, V T *Sov Genet* 6 (7): 882-888. Ref. July 1970 Translated 1973

077217 QH431.A1G43
Properties of tetraploid red clover in relation to those of parent material. Odintsova, I G *Sov Genet* 6 (7): 889-893. Ref. July 1970 Translated 1973

077218 QH431.A1G43
Use of embryo test for analysis of embryonic lethals induced by irradiation of pollen grains of Arabidopsis thaliana (L.) Heynh. Usmanov, P D *Sov Genet* 6 (7): 894-902. Ref. July 1970 Translated 1973

077219 QH431.A1G43
Modification of mutagenic effect of ethylenimine & gamma-rays in case of treatment of seeds under various metabolic conditions with partial anaerobiosis. [Crepis capillaris]. Dubinina, L G *Sov Genet* 6 (7): 903-912. Ref. July 1970 Translated 1973

077220 QH431.A1G43
Comparative genetics of yeasts. III. interaction between maltose complementary genes in hybrids of Saccharomyces. Naumov, G I *Sov Genet* 6 (7): 950-954. Ref. July 1970 Translated 1973

077221 QH431.A1G43
Absence of a mutagenic action of heterologous DNA on an arginine-dependent strain of Aspergillus nidulans. Bartashevskaya, M V *Sov Genet* 6 (7): 991-993. Ref. July 1970 Translated 1973

077222 QH431.A1G43
Study of thedheterozygous state in nine mutant genes of pea plants. Shumnyi, V K *Sov Genet* 6 (8): 1001-1007. Ref. Transl. Apr 1973

077223 QH431.A1G43
Two spontaneous cucumber mutants of parthenocarpic type. Kvasnikov, B V *Sov Genet* 6 (8): 1008-1010. Transl. Apr 1973

077224 QH431.A1G43
Effect of chemical protection against gamma radiation on spectrum of chlorophyll mutations in barley. Levenko, B A *Sov Genet* 6 (8): 1011-1020. Ref. Transl. Apr 1973

077225 QH431.A1G43
Modification of mutagenic effect of ethylenimine & gamma-rays under various metabolic conditions during normal germination of Crepis capillaris seeds. Dubinina, L G *Sov Genet* 6 (8): 1021-1033. Ref. 1970 Transl. Apr. 1973

077226 QH431.A1G43
Interspecific hybrids of Scopolia tangutica Maxim. with Scopolia stramonifolia Wall. Sandina, I B *Sov Genet* 6 (8): 1034-1037. Transl. Apr 1973

077227 QH431.A1G43
Effect of dose rate of X-rays on damage to chromosomes in dormant seeds of Crepis capillaris. Kraevoi, Y *Sov Genet* 6 (8): 1038-1041. Transl. Apr 1973

077228 QH431.A1G43
Genetical adaptation of Chlorella populations to chronic action of ionizing radiation. Shevchenko, V A *Sov Genet* 6 (8): 1042-1049. Ref. Transl. Apr 1973

077229 QH431.A1G43
Genetic nature of mutations of sunflower, induced by N-nitroso-N-methylurea. I. Variegated forms. Razoriteleva, E K *Sov Genet* 6 (8): 1072-1076. Ref. Transl. Apr 1973

077230 QH431.A1G43
Genetic control of radiosensitivity in yeasts. VII. Identification of genes determining sensitivity to X-rays. [Saccharomyces cerevisiae]. Suslova, N G *Sov Genet* 6 (8): 1117-1121. Ref. Transl. Apr 1973

077231 QH431.A1G43
Hybrids of diphaploids of Solanum andigenum with diploid species of Solanum. Budin, K Z *Sov Genet* 6 (8): 995-1000. Transl. Apr 1973

077232 QH431.A1G43
Cytogenetic investigations of hybrids obtained from crossing Agropyron glaucum Roem. et Schult. with Agropyron elongatum (Host) P. B. Lyubimova, V F *Sov Genet* 6 (9): 1135-1143. Ref. Sept 1970 Transl. May 1973

077233 QH431.A1G43
Influence of genes of necrosis on appearance of depression in F. Hybrids resulting from intervarietal wheat crosses. Pukhal'skii, V A *Sov Genet* 6 (9): 1144-1148. Ref. Sept 1970 Transl. May 1973

077234 506 SP132
Studies in embryology of family Meliaceae.-IV. Fertilisation, endosperm & embryogeny of aphanamixis polystacha (wall.) parker (syn, amoora rohituka w. & a.)-a medicinal plant with a discussion on its (Spa) Ghosh, R B *Spain Cons Super Invest Cient Estac Exp Aula Dei Anales* 11 (3/4): 396-403. Ref. 1972

077235 S13.S8
Chromosomal mutations & aneuploidy in research & breeding. [Plants]. (Cze) Kucera, J *Stud Inform Zakl Vedy Zemed* 72 (3) 87 P. Ref. Eng. Sum. 1973

077236 SB215.S8
Detection of mitotic instability in sugarcane. Tlaskal, J *Sugarcane Breeders' News!* 31: 11-16. Ref. Mar 1973

077237 SB215.S8
New basic sugarcane breeding program at Houma, Louisiana. Dunckelman, P H *Sugarcane Breeders' News!* 31: 8-10. Mar 1973

077238 100 T25F
Comparisons of T cytoplasm with N cytoplasm corn hybrids & with F1 & F2 hybrids & open-pollinated varieties in 1972. [Helminthosporium maydis]. Graves, C R *Tenn Farm Home Sci Progr Rep* 85: 8-9. Jan/Mar 1973

077239 HD9130.1.T6
Combining ability estimates of seed production in flue-cured tobacco. [Breeding. Jones, J L *Tob Sci* 16: 176-177. 1972

077240 HD9130.1.T6
Viable hybrids from monosomics of Nicotiana tabacum by Nicotiana langsdorffii. [Tobacco]. Burk, L G *Tob Sci* 16: 43-45. Ref. 1972

077241 442.8 T78
Meiosis in mutants of winter wheat induced by chemical mutagens. (Rus) Kononenko, A I *Tsitologiya* 15 (3): 338-340. Ref. Eng. Sum. Mar 1973

077242 64.8 Z12
Flax – oil & textile plant. [Breeding]. (Cze) Prochazka, F *Uroda* 21 (3): 101-102. 1973

077243 64.8 Z12
Present state & prospects in breeding spring barley in Czechoslovakia. (Cze) Zenisceva, L *Uroda* 21 (3): 92-93. 1973

077244 20 V633
Effect of cultural conditions on combining ability of spring wheat varieties. [Breeding]. (Rus) Fedin, M A *Vestn Sel'skokhoz Nauk (moscow)* 3: 14-19. Eng. Sum. Mar 1973

077245 20 AK1
Tetraploid interspecific hybrids of plums & prospects for thier use in breeding. (Rus) Eremin, G V *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 2: 12-13. Feb 1973

077246 20 AK1
Heredity & correlation of traits of productivity in irrigated winter wheat crosses. (Rus) Orliuk, A P *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 3: 14-16. Mar 1973

077247 20 AK1
Genetic study of alkaloid content in lupine. (Rus) Turbin, N V *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 3: 3-6. Ref. Mar 1973

077248 20 AK1
Induced mutants for tomato breeding. (Rus) Ananian, A A *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 4: 16-18. Apr 1973

077249 20 AK1
Use of Ethrel as a gametocide in creating wheat hybrids. (Rus) Varenitsa, E T *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 4: 3-5. Apr 1973

077250 SB191.M2V8
Restoration of pollen fertility of some T [Texas]-type cytoplasmic male sterile lines of maize. (Slo) Javorek, E *Vysk Ustav Kukurice Ved Pr* 6: 31-43. Ref. Eng. Sum. 1972

077251 SB191.M2V8
Heritability of some fertility factors & grain yields in F1 generation of hybrid maize. (Slo) Polerecky, O *Vysk Ustav Kukurice Ved Pr* 6: 7-30. Ref. Eng. Sum. 1972

077252 64.9 W26
Evaluation of new rye varieties & strains with regard to their susceptibility to eye spot (Cercosporella herpotrichoides Fron.). (Pol) Bojarczuk, J *Warsaw Inst Hodowli Aklim Rosl Biul* 3/4: 67-71. 1972

077253 64.9 W26
Karyotype analysis of Triticum paleocolchicum Zhuk. [Wheat, breeding]. (Pol) Rozmus, M *Warsaw Inst Hodowli Aklim Rosl Biul* 3/4: 97-99. Ref. Eng. Sum. 1972

077254 463.69 W56
Field reaction of different Lr genes to Indian leaf rust races. [Uredinales, wheat]. Anand, S C *Wheat Inform Serv* 36: 1-2. Mar 1973

077255 463.69 W56
Glume fertility in primitive bread wheats of Indian subcontinent. Wright, G M *Wheat Inform Serv* 36: 10-14. Mar 1973

077256 463.69 W56
Genetics of dwarfing & awning by monosomic analysis in wheat variety Mex. C. B. 116. Singhal, N C *Wheat Inform Serv* 36: 14-16. Mar 1973

077257 463.69 W56
Developing of a primary hexaploid Triticale T-AD (2n 6x 42) through hybridization of Triticum durum Desf. (2n 28) & Secale cereale L. (2n 14). [wheat, rye]. Popov, P *Wheat Inform Serv* 36: 16-18. Mar 1973

077258 463.69 W56
Misdivision of an Agropyron elongatum chromosome. [Puccinia recondita]. The, T T *Wheat Inform Serv* 36: 19-20. Mar 1973

077259 463.69 W56
Utilization of Iranian genetic material. [Wheat, rey]. Kuckuck, H *Wheat Inform Serv* 36: 21-26. Ref. Mar 1973

077260 463.69 W56
Mutation in length of internodes of wheat. Djelepov, K *Wheat Inform Serv* 36: 3-5. Mar 1973

077261 463.69 W56
Induction of chlorophyll mutations in bread wheat. Khan, A H *Wheat Inform Serv* 36: 5-6. Mar 1973

077262 463.69 W56
Improvement of quality & yield of wheat by mutation breeding. Khan, A H *Wheat Inform Serv* 36: 7-8. Mar 1973

077263 463.69 W56
Mapping gene R1 for red seed colour on chromosome 3D of wheat. Rao, M V P *Wheat Inform Serv* 36: 9. Mar 1973

077264 SB13.Y3
Studies on mass selection of Razaki grapes. (Tur) Ozek, B *Yalova Bahce Kult Arastirma Egitim Merkezi Derg* 5 (3/4): 52-60. Ref. Eng. Sum. Sept/Nov 1972

077265 451 Z83BE
Natural hybrids between Caramine amar 1. & Dardamine rivularis Schur from Swiss Alps. (Ger) Urbanska-woryt-kiewicl, B K *Zurich Eidgenoss Tech Hochsch Geobot Inst Stiftung Rubel Ber* 41: 88-101. Ref. Eng. Sum. 1972

077266 80 OV64
Crossing wild & cultivated carrots. (Cze) Krivsky, K *ZL (zahradnicke Listy)* 66 (1): 15-16. Jan 1973

PLANT PHYSIOLOGY AND BIOCHEMISTRY — GENERAL

077267 385 AC85
Structures of some aliphatic monoterpenoids isolated from essential oil of Ledum palustre L. Schantz, M von *Acta Biochem Pol* 27 (2): 551-555. 1973

077268 385 AC85
Alginate lyase in brown alga Laminaria digitata (Huds.) Lamour. Madgwick, J *Acta Biochem Pol* 27 (2): 711-712. Ref. 1973

077269 385 AC85AE
Biosynthesis of sterol glycosides in cell-free preparations from Calendula officinalis L. Wojciechowski, Z *Acta Biochim Pol (transl)* 19 (1): 43-49. Ref. 1972

077270 385 AC85AE
Characteristics of arginases from plant, ureotelic & uricotelic organisms. Muszynska, G *Acta Biochim Pol (transl)* 19 (2): 109-116. Ref. 1972

077271 450 AC822
Relations between variation in edaphic factors & micro-distribution of winter annuals. [Plant physiology]. Janssen, J G M *Acta Bot Neer* 22 (2): 124-134. Ref. Apr 1973

077272 450 AC822
Induction of rapid chlorophyll accumulation in dark grown seedlings. III. Transport model for phytochrome action. Raven, C W *Acta Bot Neer* 22 (2): 135-143. Ref. Apr 1973

077273 385 AC82
Structures of some aliphatic monoterpenoids isolated from essential oil of Ledum palustre L. Von Schantz, M *Acta Chem Scand* 27 (2): 551-555. 1973

077274 385 AC82
Alginate lyase in brown alga Laminaria digitata (Huds.) Lamour. Madgwick, J *Acta Chem Scand* 27 (2): 711-712. Ref. 1973

077275 396.8 AC8AE
Phytochemical studies of herb of Veronica officinalis L. (Pol) Wojcik, E *Acta Pol Pharm (transl)* 30 (2): 195-201. Ref. Eng. Sum. 1973

077276 396.8 AC8AE
Iridoid glycosides in Scrophulariaceae family. (Pol) Swiatek, L *Acta Pol Pharm (transl)* 30 (2): 203-212. Ref. Eng. Sum. 1973

077277 439.8 AC8
Contractile properties of slime mold strand. [Physarum polycephalum]. Kamiya, N *Acta Protozool* 11 (13): 113-124. Ref. 1972

077278 439.8 AC8
A detailed explanation of distributed solation hypothesis & its application to slime mold plasmodia. [Myxomycetes]. Miller, D M *Acta Protozool* 11 (14): 125-130. 1972

077279 439.8 AC8
Cyclic AMP [Adenosine monophosphate] & cell aggregation in cellular slime molds. [Acrasieae]. Konijn, T M *Acta Protozool* 11 (16): 137-144. Ref. 1972

077280 439.8 AC8
Perception of light direction in oriented displacements of cell organelles. [Algae]. Haupt, W *Acta Protozool* 11 (22): 179-188. Ref. 1973

077281 439.8 AC8
Action spectrum of chloroplast displacements in leaves of land plants. Lechowski, Z *Acta Protozool* 11 (24): 201-209. 1972

077282 439.8 AC8
Experiments on mechanism of chloroplast movement in light oriented chloroplast arrangement. [Mougeotia, Funaria hygrometrica]. Schonbohm, E *Acta Protozool* 11 (25): 211-224. Ref. 1972

077283 439.8 AC8
Primary processes controlling light induced movement of chloroplasts. [Vallisneria]. Seitz, K *Acta Protozool* 11 (26): 225-235. Ref. 1972

077284 439.8 AC8
Comparative studies on actomyosin-thread models of muscles & myxomycete plasmodia. Their significance in contractile mechanism of primitive motile systems. [Physarum polycephalum]. Wohlfarth-Bottermann, K E *Acta Protozool* 11 (3): 39-52. Ref. 1972

077285 439.8 AC8
Patterns of body movements of Euglena gracilis. Mikolajczyk, E *Acta Protozool* 11 (38): 317-324. Ref. 1973

077286 439.8 AC8
Recptor/effector system of phototaxis in Euglena. [Gracilis]. Diehn, B *Acta Protozool* 11 (39): 325-332. Ref. 1972

077287 439.8 AC8
Myosin from Physarum polycephalum. Nachmias, V T *Acta Protozool* 11 (4): 53. Ref. 1972

077288 439.8 AC8
Role of elastoosmotic parameters in locomotion of myxomycete plasmodia. Layrand, D B *Acta Protozool* 11 (42): 339-354. Ref. 1972

077289 439.8 AC8
International Symposium: Motile Systems of Cells, Cracow, August 3-7, 1971. *Acta Protozool* 11, 424 P. 1972

077290 439.8 AC8
Primary reactions in chloroplast rearrangements. [Lemna, Funaria]. Zurzycki, J *Acta Protozool* 189-200. Ref. 1972

077291 450 AD14
On intralaminar correlations of Cissus antarctica Vent. (Fre) Diarra, N *Adansonia* (Ser. 2) 12 (4): 531-538. Eng. Sum. 1972

077292 14 AG823
Novelties in improvement of germination of seeds by cold. (Fre) Come, D *Agric Rev Men Tech Econ* 364: 108-110. Apr 1973

077293 8 T73
Grasshopper problem in Barbados. [Plant pests]. Robertson, I A D *Agric Soc Trinidad Tobago J* 72 (4): 411-417, 419-428. Map. Dec 1972

077294 385 AG89
Comparative uptake & distribution of strontium 90, calcium, cesium 137 & potassium in various organs of farm crops. [Oats, peas]. (Rus) Shirshova, R A *Agrokhimiia* 3: 89-97. Mar 1973

077295 385 AG89
Comparison of methods of extracting acid-soluble phosphorus compounds in plants. (Rus) Sokolov, O A *Agrokhimiia* 4: 125-134. Apr 1973

077296 385 AG89
Effect of forms of nitrogen fertilizers on chemical composition & quality of tea. (Rus) Kharebava, G I *Agrokhimiia* 4: 26-30. Ref. Apr 1973

077297 4 AM34P
Temperature variation within & between rooting media in plant growth chambers. Knievel, D P *Agron J* 65 (3): 398-399. May/June 1973

077298 442.9 AK132
Biochemical research on fruits & leaves of auto-tetraploid forms of Morus. (Rus) Talyshinskii, G M *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 3: 31-36. 1972

077299 442.8 AL6
On role of vegetation in salt accumulation processes. [Plants, soils]. (Rus) Mozhaitseva, N F *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 1: 10-15. Jan/Feb 1973

077300 511 AK192D
Effect of N-nitroso compounds on transforming activity of DNR bacillus subtilis. (Rus) Daciulyte, J *Akad Nauk Litov Ssr Darbai Tr Ser C* 1: 3-8. Eng. Sum. 1973

077301 511 AK192D
On question of free amino acids in freshwater plankton & its medium. [Algae]. (Rus) Jankevicius, K *Akad Nauk Litov Ssr Darbai Tr Ser C* 2 (58): 3-17. Ref. Eng. Sum. 1972

077302 511 AK192D
Bearberry in Lithuanian SSR. 5. Seed germination. [Arctostaphylos uva-ursi]. (Rus) Peseckiene, A *Akad Nauk Litov Ssr Darbai Tr Ser C* 2 (58): 49-59. Ref. Eng. Sum. 1972

077303 511 AK192D
Biological & biochemical characteristics of peppermint. 1. Biological characteristics. [Mentha piperita]. (Rus) Jaskonis, J *Akad Nauk Litov Ssr Darbai Tr Ser C* 2 (58): 61-70. Eng. Sum. 1972

077304 511 AK192D
Fungi of genus Botrytis Micheli in Lithuania. 4. Comparative study of size of conidia. (Rus) Shidla, L A *Akad Nauk Litov Ssr Darbai Tr Ser C* 4: 31-41. Eng. Sum. 1972

077305 511 AK192D
Biochemical nature of roots & green mass of Polygonum coriarium. 13. Dynamics of manganese, boron, zinc, iron, & copper in above-ground mass & their distribution. (Rus) Pipinis, I A *Akad Nauk Litov Ssr Darbai Tr Ser C* 4: 43-51. Ref. Eng. Sum. 1972

077306 511 AK192D
Biological & biochemical characteristics of Mentha piperita. 2. Biochemical characteristics. (Rus) IAskonis, IU A *Akad Nauk Litov Ssr Darbai Tr Ser C* 4: 53-60. Ref. Eng. Sum. 1972

077307 511 AK192D
Arctostaphylos uva-ursi in Lithuania. 6. Growth & development of wild plant. (Rus) Piasiatskene, A A *Akad Nauk Litov Ssr Darbai Tr Ser C* 4: 61-67. Eng. Sum. 1972

077308 511 AK192D
Change in amount of essential oil in rhizomes of Acorus calamus when dried & stored raw. (Rus) IUknıavichene, G K *Akad Nauk Litov Ssr Darbai Tr Ser C* 4: 69-74. Eng. Sum. 1972

077309 511 SA2B
Comparative study of functions of metal phosphate polymers & inorganic polyphosphates. [Pencillium, chrysogenum]. (Rus) Okorokov, L A *Akad Nauk Sssr Izv Ser Biol* 1: 86-92. Eng. Sum. Jan/Feb 1973

077310 511 P444A
On nature of primary photochemical act of chlorophyll quinone interaction. (Rus) Bobrovskii, A P *Akad Nauk SSsr Dokl* 208 (6): 1472-1475. Ref. 1973

077311 381 AM33J
Transient absorption spectra of chlorophyll a anion & cation. Seki, H *Amer Chem Soc J* 95 (10): 3404-3405. Ref. May 16, 1973

077312 450 AM36
Promotion of perithecial initials in Monacrosporium doedycoides by 6-methyl purine. Galsky, A G *Amer J Bot* 60 (4): 300-303. Apr 1973

077313 450 AM36
Nutritional requirements for ovule formation in excised pistils of Nigella. [Sativa]. Peterson, C M *Amer J Bot* 60 (4): 381-386. Ref. Apr 1973

077314 410 M58
Pollination of typically anemophilous salt marsh plants by bumble bees, Bombus terricola occidentalis Grne. Pojar, J *Amer Midland Natur* 89 (2): 448-451. Ref. Apr 1973

077315 506 SP12
Effect of nitrogen-ammonia on atmospheric nitrogen fixation in Casuarina nodules. (Spa) Rodriguez-Barrueco, C *An Edafol Agrobiol* 31 (11/12): 905-916. Ref. Eng. Sum. Nov/Dec 1972

077316 410.9 B85E
Investigations on spore germination of Coprinus radians Desm. Babos, M *Ann Hist-natur Mus Nat Hung* 64: 79-88. 1972

077317 396.8 AN7
Loganiaceae of Ivory Coast. XI. Alkaloids from Strychnos USAmbarensis Gilg. (Fre) Koch, M *Ann Pharm Franc* 31 (1): 45-48. Eng. Sum. 1973

077318 396.8 AN7
Study of constituents of bark of Zanthoxylum decaryi H. Perrier (Rutaceae). I. Non-alcaloidic constituents. (Fre) Vaquette, J *Ann Pharm Franc* 31 (1): 49-55. Ref. Eng. Sum. 1973

077319 SB599.A5
Behavior in presence of carboxine of various species of Fusarium & in particular Fusarium roseum (Link) Sn. And H. Var. Avenaceum (Sacc.) Sn. And H. (Fre) Massenot, M *Ann Phytopathol* 4 (3): 297-299. 1972

077320 448.3 AN72
Carcinogens produced by fungi. Enomoto, M *Annu Rev Microbiol* 26: 279-312. Ref. 1972

077321 448.3 AN72
Riboflavin oversynthesis. [Ashbya gossypii]. Demain, A L *Annu Rev Microbiol* 26: 369-388. Ref. 1972

077322 448.3 AP5
Effect of zinc, copper, & iron on ochratoxin A production. [Aspergillus ochraceus]. Steele, J A *Appl Microbiol* 25 (5): 847-849. Ref. May 1973

077323 448.3 AP5
Oxidation & reduction of D-xylose by cell-free extract of Pichia quercuum. Suzuki, T *Appl Microbiol* 25 (5): 850-852. Ref. May 1973

077324 381 AR2
Increased aggregation of C-phycocyanin produced by phenol & benzene. [Spirulina platensis]. Mac-coll, R *Arch Biochem Biophys* 156 (1): 161-167. Ref. May 1973

077325 381 AR2
Characterization of tRNAs & aminoacyl-tRNA synthetases of blue-green alga, Anacystis nidulans. Beauchemin, N *Arch Biochem Biophys* 156 (1): 17-25. Ref. May 1973

077326 381 AR2
Activity, location, & role of asparate aminotransferase & alanine aminotransferase isoenzymes in leaves with C4 pathway photosynthesis. [Atriplex, Panicum]. Hatch, M D *Arch Biochem Biophys* 156 (1): 195-206. Ref. May 1973

077327 381 AR2
Separation & properties of leaf aspartate aminotransferase & alanine aminotransferase isoenzymes operative in C4 pathway of photosynthesis. [Atriplex spongiosa]. Hatch, M D *Arch Biochem Biophys* 156 (1): 207-214. May 1973

077328 381 AR2
Regulation of sulfate transport in Neurospora by transinhibition & by inositol depletion. Marzluf, G A *Arch Biochem Biophys* 156 (1): 244-254. Ref. May 1973

077329 381 AR2
Changes in cytoplasmic & chloroplast ribosomal ribonucleic acid during cell cycle of Chlamydomonas reinhardtii. Cattolico, R A *Arch Biochem Biophys* 156 (1): 58-65. Ref. May 1973

077330 381 AR2
Monooxygenase activity in Cunninghamella bainieri: Evidence for a fungal system similar to liver microsomes. Ferris, J P *Arch Biochem Biophys* 156 (1): 97-103. Ref. May 1973

077331 442.8 AR26
Metabolism of glucose by unicellular blue-green algae. [Aphanocapsa]. Pelroy, R A *Arch Mikrobiol* 87 (4): 303-322. Ref. 1972

077332 442.8 AR26
Studies on rates of polyphosphate synthesis by photophosphorylation in Ankistrodesmus braunii. (Ger) Ullrich, W R *Arch Mikrobiol* 87 (4): 323-339. Ref. Eng. Sum. 1972

077333 442.8 AR26
Tetrazolium reduction & nitrogenase activity in heterocystous blue-green algae. [Cyanophyta]. Fay, P *Arch Mikrobiol* 87 (4): 341-352. Ref. 1972

077334 442.8 AR26
Glutamine synthetase of nitrogen-fixing alga Anabaena cylindrica. Charmawardene, M W N *Arch Mikrobiol* 90 (4): 281-295. Ref. 1973

077335 442.8 AR26
Nitrogen fixation by Anabaena cylindrica. I. Localization of nitrogen fixation in heterocysts. Weare, N M *Arch Mikrobiol* 90 (4): 323-332. Ref. 1973

077336 442.8 AR26
Effect of short dark periods on carbon dioxide uptake & carboxylation of phosphoenolpyruvate during photosynthetic induction period in Chlorella vulgaris. (Ger) Dohler, G *Arch Mikrobiol* 90 (4): 333-341. Ref. Eng. Sum. 1973

077337 442.8 AR26
Trisporic acid synthesis in Blakeslea trispora. Interaction between plus & minus mating types. Werkman, T A *Arch Mikrobiol* 90 (4): 365-374. Ref. 1973

077338 442.8 AR26
Pigments & ultrastructure modifications in diatom Detonula sp. cultivated in red light. (Fre) Jupin, H J *Arch Mikrobiol* 91 (1): 19-27. Ref. Eng. Sum. 1973

077339 442.8 AR26
Study of extracellular polysaccharides produced by a blue-green alga, Anabaena flos-aquae A-37. Wang, W S *Arch Mikrobiol* 91 (1): 77-81. Ref. 1973

077340 442.8 AR26
Hyphal growth unit of wild type & spreading colonial mutants of Neurospora crassa. Trinci, A P J *Arch Mikrobiol* 91 (2): 127-136. May 1973

077341 442.8 AR26
Simple methods for plating single vegetative cells of, & for replica-plating, filamentous blue-green algae. [Anabaena doliolum, Nostoc linckia]. Wolk, C P *Arch Mikrobiol* 91 (2): 91-95. Ref. May 1973

077342 442.8 AR26
On long term control of glycolysis in Chlorella pyrenoidosa during glucose & ammonium assimilation in light. Tomova, N *Arch Mikrobiol* 91(2): 149-162. May 1973

077343 23 AU783
Effect of temperature during flowering on seed formation of Stylosanthes humilis. Skerman, R H *Australian J Agr Res* 24 (3): 317-324. Ref. May 1973

077344 442.8 AU72
Stimulation of growth in Ocimum kilimandscharicum by low-dose X-irradiation. Joseph, B *Australian J Biol Sci* 26 (2): 349-355. Ref. Apr 1973

077345 475 AU73
Triterpene metabolite of Trametes stowardii. Cheung, H T *Australian J Chem* 26 (3): 609-618. Ref. Mar 1973

077346 475 AU73
Extractives of fungi. V. Microbial transformation products of piperitone. [Proactinomyces roseus]. Lassak, E V *Australian J Chem* 26 (4): 845-854. Ref. Apr 1973

077347 442.8 B5236
Biological activity of some siderochrome derivatives. [Ustilago sphaerogena]. Emery, T *Biochem Biophys Res Commun* 50 (3): 670-675. Feb 5, 1973

077348 442.8 B5236
Effects of ionic concentration & pH [hydrogen concentrations] upon state of aggregation of Neurospora mitochondrial malate dehydrogenase, [Neurospora crassa]. Benveniste, K B P *Biochem Biophys Res Commun* 50 (3): 711-717. Feb 5, 1973

077349 442.8 B5236
Role of molybdenum in formation of NADPH-nitrate reductase by Aspergillus nidulans. Downey, R J *Biochem Biophys Res Commun* 50 (3): 920-925. Ref. Feb 5, 1973

077350 442.8 B5236
Transient inhibition by cycloheximide of protein synthesis in cultured plant cell suspensions: a dose response paradox. Davies, M E *Biochem Biophys Res Commun* 50 (4): 1075-1080. Ref. Feb 20, 1973

077351 442.8 B5236
Evidence for attachment of RNA to pulse-labeled DNA in slime mold. Physarum polycephalum. Waqar, M A *Biochem Biophys Res Commun* 51 (1): 174-180. Ref. Mar 5, 1973

077352 442.8 B5236
Reversible inactivation by NADH [naphthaleneacetic acid dehydrogenase] & ADP [adenosine pyrophosphatase] of Chlorella fusca nitrate reductase. Maldonado, J M *Biochem Biophys Res Commun* 51 (1): 27-33. Ref. Mar 5, 1973

077353 442.8 B5236
Dissociation of mitochondrial ribosomes of Neurospora crassa by a bacterial dissociation factor. Agsteribbe, E *Biochem Biophys Res Commun* 51 (1): 8-13. Ref. Mar 5, 1973

077354 442.8 B5236
Distribution of carboxylation & decarboxylation enzymes in isolated mesophyll cells & bundle sheath strands of C4 plants. [Cyperus, Digitaria]. Chen, T M *Biochem Biophys Res Commun* 51 (2): 461-467. Ref. Mar 19, 1973

077355 442.8 B5236
In vivo biosynthesis of alpha-linolenic acid in plants. [Chlorella pyrenoidosa, Candida bogoriensis]. Kannangara, C G *Biochem Biophys Res Commun* 52 (2): 648-655. Ref. May 15, 1973

077356 382 B52
Biosynthesis of ergotamine by Claviceps purpurea (Fr.) Tul. Bassett, R A *Biochem J* 134 (1): 1-10 ref. May 1973

077357 382 B52
Adenosine 3': 5'-cyclic monophosphate concentrations & phosphodiesterase activities during axenic growth & differentiation of cells of cullular slime mould Dictyostelium discoideum. Malkinson, A M *Biochem J* 134 (1): 311-319. Ref. May 1973

077358 381 B522
Higher plant plastocyanin. Ramshaw, J A M *Biochim Biophys Acta* 303 (2): 269-273. Ref. Apr 20, 1973

077359 381 B522
The purification and properties of an extracellular protease from Aspergillus oryzae NRRL 2160. Klapper, B F *Biochim Biophys Acta* 304 (2): 505-512. Ref. Apr 28, 1973

077360 381 B522
Factors affecting synthesis & release of extracellular protease of Aspergillus oryzae NRRL 2160. Klapper, B F *Biochim Biophys Acta* 304 (2): 513-519. Apr 28, 1973

077361 381 B522
Purification & characterization of hexose oxidase from red alga Chondrus crispus. Sullivan, J D *Biochim Biophys Acta* 309 (1): 11-22. Ref. May 5, 1973

077362 381 B522
Isolation of alkaline proteinases from Aspergillus oryzae by one-step affinity chromatography on ovoinhibitor-sepharose column. Feinstein, G *Biochim Biophys Acta* 309 (1): 196-202. Ref. May 5, 1973

077363 381 B522
Chorismate mutase isozyme patterns in three fungi. [Neurospora crassa, Penicillium chrysogenum, Penicillium duponti]. Woodin, T S *Biochim Biophys Acta* 309 (1): 224-231. Ref. May 5, 1973

077364 381 B522
Reversible inactivation of nitrate reductase of Chlorella vulgaris Beijerinck. Solomonson, L P *Biochim Biophys Acta* 309 (1): 32-43. Ref. May 5, 1973

077365 383 SO1
Glycosidases of Dolichos biflorus: Isolation & general properties. (Fre) Bourrillon, R *Biochimie* 55 (1): 5-10. Ref. Eng. Sum. 1973

077366 QK1.B52
Study of root biomass in herb layer of an oak-hornbeam forest. Simonovic, V *Biol Ser A Bot* 28 (1): 11-22. Ref. 1973

077367 QK1.B52
Determination of luorine in plants by diffusion method. (Slo) Holub, Z *Biol Ser A Bot* 28 (1): 3-9. Ref. Eng. Sum. 1973

077368 QK1.B52
A contribution to method of determining water potential of plant tissues by means of psychrometry. (Slo) Zila, L *Biol Ser A Bot* 28 (1): 77-82. 1973

077369 QH301.B55
Class Fungi Imperfecti as a source of new insecticidal compounds. Nemec, P *Biol Ser C Vseobecna Biol* 28 (3): 179-182. 1973

077370 QH301.B55
Nitrogen fixation by higher fungi. Ginterova, A *Biol Ser C Vseobecna Biol* 28 (3): 199-202. 1973

077371 QH301.B55
Identification of saccharides present in cell walls of alga Scenedesmus obliquus (Turp.) Kutz. (Slo) Kocurik, S *Biol Ser C Vseobecna Biol* 28 (3): 211-215. Ref. Eng. Sum. 1973

077372 442.8 B5229
Contribution to problems of pseudoseasonal polymorphism of species of genus Gentianella Moench. (Cro) Prekorsek, B *Biol Vest* 20: 17-29. Eng. Sum. 1972

077373 442.8 B5229
Growth substances in some mycorrhizal, parasitic & saprophytic fungi. (Cro) Gogala, N *Biol Vest* 20: 55-63. Eng. Sum. 1972

077374 442.8 B5229
Germination of Gentiana lutea L. subsp. Symphyandra Murb. in connection with either partial or total removal of testa or with leaching of seeds. (Cro) Vardjan, M *Biol Vest* 20: 67-72. Ref. Eng. Sum. 1972

077375 20 ER4
Content & distribution of microelements in plants found in northern forest zone of Bazymi mountains. (Rus) Grigorian, G B *Biol Zh Arm* 25 (10): 112-113. Oct 1972

077376 19 B635
An economical series method for establishing germination capacity of untreated & coated seeds. (Ger) Wieser, F *Bodenkultur* 24 (1): 51-55. Feb 1973

077377 450 B651
Paper chromatographic survey of anthocyanins in Leguminosae iI. On flower pigments of Mucuna sempervirens. Ishikura, N *Bot Mag Tokyo* 86 (1001): 1-4. Mar 1973

077378 450 B651
Studies on distribution of starchy & sugary leaves in monocotyledonous plants. Sakai, T *Bot Mag Tokyo* 86 (1001): 13-25. Mar 1973

077379 TD201.V57
Effects of Radford Army Ammunition Plant wastes on algae in New River, Virginia. Wodehouse, E B *Bull Water Resour Res Cent Va Polytech Inst State Univ* 57: 31-41. Ref. Apr 1973

077380 470 C16E
Ribonuclease activities of single-strand-specific nucleases of Neurospora crassa. Tenenhouse, H *Can J Biochem* 51 (5): 569-580. Ref. May 1973

077381 470 C16E
Studies on horseradish peroxidase. XIII. kinetic effect of cyanide on oxidation-reduction cycle. Cotton, M L *Can J Biochem* 51 (5): 627-631. Ref. May 1973

077382 470 C16C
Continuous automatic measurement of rhythms in fungal respiration using a gas chromatograph. Smith, R S *Can J Bot* 51 (4): 701-710. Ref. Apr 1973

077383 470 C16C
Does resting potential of Chara braunii have an electrogenic oomponent. Pickard, W F *Can J Bot* 51 (4): 715-724. Apr 1973

077384 470 C16C
Algal microflora of a string mire in relation to chemical composition of water. Flensburg, T *Can J Bot* 51 (4): 743-749. Ref. Apr 1973

077385 QD241.K453
Components of the roots of Xanthogalum sachokianum. Sokolova, A I *Chem Natur Compounds* 6 (4): 4800481. July/Aug 1970 Transl 1973

077386 QD241.K453
A flavonoid bioside of Oxytropis ttrobilaceae. Dungerdorzh, D *Chem Natur Compounds* 6 (4): 484. July/Aug 1970 Transl 1973

077387 QD241.K453
Triterpene glycosidws of Acanthophyllum bypsophiloides. Putleva, Zh M *Chem Natur Compounds* 6 (4): 506-507. July-/Aug 1970 Transl 1973

077388 QD241.K453
Alkaloids of Stephania hernandifolia. V. Structure of hernandolinol. Fadeeva, I I *Chem Natur Compounds* 6 (4): 516. July-/Aug 1970 Transl 1973

077389 QD241.K453
Alkaloids of Thalictrum minus. Khodzhaev, V G *Chem Natur Compounds* 6 (4): 522. July/Aug 1970 Transl 1973

077390 QD241.C5
Triterpenoids from Trichilia havanensis Jacq. I. acetates of havanensin & trichilenone, new tetracarbocyclic tetranotriterpenses. Chan, W R *Chem Soc J Perkin Trans I, Org Bio-org Chem* 10: 1047-1050. Ref. 1973

077391 475 SCI23
Effects of actinomycin D on growth, heterocyst formation, & nucleic acid synthesis in blue-green alga, Anabaena doliolum. Tyagi, V V S *Cur Sci* 42 (10): 343-346. Ref. May 20, 1973

077392 511 AK147D
Study of triperpene saponin of Poterium lasiocarpum growing in Azerbaijan. (Rus) Shukiurov, D Z *Dokl Akad Nauk Az SSR* 28 (9/10): 70-75. Eng. Sum. 1972

077393 24 EA74
Rapid routine soil & plant analysis without automatic equpiment. II. Routine plant analysis. Foster, H L *East Afr Agr Forest J* 38 (2): 130-136. Ref. Oct 1972

077394 24 EA74
Automated methods for nitrogen, phosphorus & potassium determination in coffee plant & mulching materials. Kimeu, B S *East Afr Agr Forest J* 38 (2): 207-210. Oct 1972

077395 QH540.E3
Competition of two plant species for photosynthetic active radiation. (Rus) Tooming, H *Ekologiia* 4: 63-72. Ref. 1972

077396 QH540.E3
Colonization pattern of fresh ashy dump by flowering plants. (Rus) Seraia, G P *Ekologiia* 4: 80-86. Ref. 1972

077397 442.8 EX7
Stepwise accumulation of autoregulated enzyme activities during cell cycle of eucaryote Chlorella. Forde, B G *Exp Cell Res* 79 (1): 127-135. Ref. Apr 1973

077398 442.8 EX7
Changing patterns of nucleic acids, basic & acidic proteins in generative & vegetative nuclei during pollen germination & pollen tube growth in Hippeastrum belladonna. Pipkin, J L *Exp Cell Res* 79 (1): 28-42. Ref. Apr 1973

077399 475 EX7
Thaligine, a new bisbenzylisoquinoline alkaloid from Thalictrum polygamum Muhl. (Ranunculaceae). Shamma, M *Experientia* 29 (5): 517-518. May 15, 1973

077400 475 EX7
Anthraquinones in fungus Talaromyces stipitatus. Eijk, G W van *Experientia* 29 (5): 522-523. Ref. May 15, 1973

077401 475 EX7
Inhibition of DNA synthesis by sulfite in root meristem of broadbeans (Vicia faba). (Ger) Brandle, R *Experientia* 29 (5): 586-587. Eng. Sum. May 15, 1973

077402 475 EX7
Histones from red alga, Rhodymenia palmata? Duffus, J H *Experientia* 29 (5): 632-633. Ref. May 15, 1973

077403 475 EX7
Biological effects of bark of Saccoglottis gabonensis Urban (Humiriaceae) on microorganisms. Faparusi, S I *Experientia* 29 (5): 634-635. May 15, 1973

077404 QK339.C95F6
Seasonal changes in growth rate of duckweed community (Lemnetum gibbae). Rejmankova, E *Folia Geobot & Phytotaxon* 8 (1): 1-13. Ref. 1973

077405 60.8 F742
Toxic principle in timber milkvetch. [Astragalus miser]. Majak, W *Forage Notes (Ottawa)* 18 (1): 33-34. Spring 1973

077406 99.8 F775
Comparative respiratory & fermentation measures of several strains of Fomes annosus & Armillaria mellea by incubation in different carbon sources. [Wood destroying fungi]. (Ger) Ciriacy, M *Forstwiss Centralbl* 92 (2): 89-100. Ref. Eng. Sum. Apr 1973

077407 QD415.F4
Effects of plastocyanin antogonists KCN [potassium cyanide] & poly-L-lysine on partial reactions in isolated chloroplasts. [Spinach]. Ort, D R *FEbs Lett (fed Eur Biochem Soc)* 31 (1): 119-122. Ref. Apr 1, 1973

077408 QD415.F4
Three novel enzymes involved in reduction of ferulic acid to coniferyl alcohol in higher plants: ferulate: CoA ligase, feruloyl-CoA reductase & coniferyl alcohol oxidoreductase. Gross, G F *FEbs Lett (fed Eur Biochem Soc)* 31 (3): 283-286. Ref. May 1, 1973

077409 QD415.F4
Ralationship between rate of phosphate absorption & protein synthesis during phosphate starvation in Chlorella pyrenoidosa. Jeanjean, R *FEbs Lett (fed Eur Biochem Soc)* 32 (1): 149-151. Ref. May 15, 1973

077410 443.8 G283
Location of factors enhancing crossing over on linkage group I of Neurospora. Hargrave, J *Genet Res* 21 (2): 195-204. Apr 1973

077411 QH431.A1G4
Biochemical mutants of Eremothecium ashbyii – a producer of riboflavin. I. Isolation of auxotrophs & study of level of riboflavin biosynthesis. (Rus) Stepanov, A I *Genetika* 9 (3): 100-109. Ref. Eng. Sum. Mar 1973

077412 S19.G5
Problem of natural regeneration of Pericopsis elata (Harms) van Meuwen in Ghana. Ampofo, S T *Ghana J Agr Sci* 5 (3): 241-245. Map. Ref. Dec 1972

077413 QH91.A1H4
Growth & development of Mediterranean Cystoseira (Phaeophyceae-Fucales: Culture experiments in sea. (Fre) Knoepffler-Peguy, M *Helgol Wiss Meeresunters* 24 (1/4): 476-489. Ref. Mar 1973

077414 QH91.A1H4
In situ studies of growth & pigmentation of phaeophycean Nereocystis luetkeana. Duncan, M J *Helgol Wiss Meeresunters* 24 (1/4): 510-525. Ref. Mar 1973

077415 385 H36
Phloroglucides of Dryopteris caucasica (A. Br.) Fraser-Jenkins & Corley. (Ger) Widen, C J *Helv Chim Acta* 56 (3): 831-838. Eng. Sum. Jan 1973

077416 64.8 H66
Energy phosphoric compounds in plants. II. Relation to frost resistance. (Pol) Sojkowski, Z *Hodowla Roslin Aklimatyzacja Nasiennictwo* 17 (1): 47-52. Ref. Eng. Sum. 1973

077417 S592.5.O7
Herbicides & plant growth regulators. Upchurch, R P *In Organic Chemicals in the Soil Environment* 2: 444-512. Ref. 1972

077418 S592.5.O7
Side effects of organic chemicals on soil properties & plant growth. Martin, J P *In Organic Chemicals in the Soil Environment* 2: 733-792. 1972

077419 459.2 T44
Mycorrhiza in tundra plants of north eastern european part of USSR. (Rus) Katenin, A E *In Tikhomirov, V. A., ed. Rastitel'nost Krainego Severa SS sR i ee Osvoenie* 12, 139 P. Ref. Eng. Sum. 1972

077420 22 AG83I
Changes in crude fibre, fat & protein content in ginger [Zingiber officinale Rosc.] at different stages of ripening. Jogi, B S *Indian J Agr Sci* 42 (11): 1011-1015. Nov 1972

077421 22 IN235
Effect of water stress on: II. Agronomical characters of plants. Jain, T C *Indian J Agron* 17 (4): 283-286. Ref. Dec 1972

077422 QP501.I48
Metabolism of n-alkanein Endomycopsis lipolytica. I. Studies on oxidation of n-alkanes & their derivatives. Singh, H D *Indian J Biochem Biophys* 9 (4): 315-320. Ref. Dec 1972

077423 QP501.I48
Metabolism of n-alkane in Endomycopsis lipolytica. II. Formation of fatty acids from n-alkanes & their derivatives. Pillai, K R *Indian J Biochem Biophys* 9 (4): 321-324. Ref. Dec 1972

077424 QP501.I48
Identification of sexual hormones in Neurospora crassa. Silam, M S *Indian J Biochem Biophys* 9 (4): 345-349. Dec 1972

077425 QK1.I53
Biology of Petroglossum nicaeense in relation to light & dark cycles. (Ita) Felicini, G P *Inf Bot Ital* 4 (3): 214-215. Eng. Sum. Sept/Dec 1972

077426 QK1.I53
Colchicine contents in Colchicum lusitanum Brot. (Ita) Bellomaria, B *Inf Bot Ital* 4 (3): 221-223. Ref. Eng. Sum. Sept/Dec 1972

077427 381 J8223
Trans-2-nonenal: coffee compound with novel organoliptic properties. Parliment, T H *J Agr Food Chem* 21 (3): 485-487. Ref. May/June 1973

077428 410 J828
Effects of total solar radiation & temperature on vegetative growth in east of Scotland. [Sunflowers, kidney beans]. Hegarty, T W *J Appl Ecol* 10 (1): 145-156. Ref. Apr 1973

077429 410 J828
A method of estimating root efficiency. Hunt, R *J Appl Ecol* 10 (1): 157-164. Ref. Apr 1973

077430 410 J828
An apparatus for study of leaf canopy optics. [Radiant energy]. Grace, J *J Appl Ecol* 10 (1): 57-61. Ref. Apr 1973

077431 410 J828
Physiological & mathematical study of growth & productivity of a Calluna-Sphagnum community. II. Light interception & photosynthesis in Calluna. Grace, J *J Appl Ecol* 10 (1): 63-76. Apr 1973

077432 410 J828
Physiological & mathematical study of growth & productivity of a Calluna-Sphagnum community. III. Distribution of photosynthate in Calluna vulgaris L. Hull. Grace, J *J Appl Ecol* 10 (1): 77-91. Ref. Apr 1973

077433 448.3 J82
Role of reduced exogenous organic compounds in physiology of blue-green bacteria (algae): photoheterotrophic growht of a 'heterotrophic' blue-green bacterium. Ingram, L O *J Bacteriol* 114 (2): 695-700. Ref. May 1973

077434 448.3 J82
Role of reduced exogenous organic compounds in physiology of blue-green bacteria (algae): photoheterotrophic growth of an 'autotrophic' blue-green bacterium. Ingram, L O *J Bacteriol* 114 (2): 701-705. Ref. May 1973

077435 448.3 J82
Adenine nucleotide levels in Neurospora [crassa] as influenced by conditions of growth & by metabolic inhibitors. Slayman, C L *J Bacteriol* 114 (2): 752-766. Ref. May 1973

077436 381 J824
Neurospora 6-phosphogluconate dehydrogenase. I. Purification & characterization of wild type enzyme. Scott, W A *J Biol Chem* 248 (10): 3535-3541. Ref. May 25, 1973

077437 381 J824
Neurospora 6-phosphogluconate dehydrogenase. II. Properties of two purified mutant enzymes. Scott, W A *J Biol Chem* 248 (10): 3542-3545. May 25, 1973

077438 475 J824
Quantitative chromatographic analysis of toxins in single mushrooms of Amanita phalloides. Faulstich, H *J Chromatography* 79: 257-265. Ref. May 16, 1973

077439 381 J827
New alkaloids & related artifacts from Cyclea peltata. Kupchan, S M *J Org Chem* 38 (10): 1846-1852. Ref. May 18, 1973

077440 381 J827
Isolation & structural elucidation of liatrin, a novel antileukemic sesquiterpene lactone from Liatris chapmanii. Kupchan, S M *J Org Chem* 38 (10): 1853-1858. Ref. May 18, 1973

077441 381 J827
Structures of some of minor alkaloids of Cephalotaxus fortunei. Paudler, W W *J Org Chem* 38 (11): 2110-2112. June 1973

077442 439.8 J82
Effects of actinomycin D, gibberellin A7, & cyclic AMP [adenosine monophosphate] on mating of Chlamydomonas reinhardtii. Greenwood, H L *J Protozool* 20 (2): 305-307. Ref. May 1973

077443 439.8 J82
A photorepressible isozyme of malic enzyme in Euglena gracilis strain Z. Karn, R C *J Protozool* 20 (2): 316-320. Ref. May 1973

077444 382 SO12
Study of some properties of rapeseed protein with a view to protein concentrate production. Girault, A *J Sci Food Agr* 24 (4): 509-518. Ref. May 1973

077445 382 SO12
A comparison of X-ray fluorescence spectrometry & chemical methods for determing sulphur in plant material. Bolton, J *J Sci Food Agr* 24 (5): 557-563. Ref. May 1973

077446 384 AN7
Natural products from medicinal plant. XVIII. Isolation & structure elucidation of a new C15-iridoid glucoside from Leomurus cardiaca L. (Ger) Weinges, K *Justus Liebigs Ann Chem* 4: 566-572. Ref. Eng. Sum. 1973

077447 QP981.T6K4
Biological effects of tobacco smoke & its constituents on cells, tissues & chromosomes of plants. [Lemna gibba]. Sabharwal, P S *Ky Univ Tob Health Res Inst Conf Rep* 4: 632-651. Ref. 1973

077448 QP981.T6K4
Effects of smoke fractions on mutagenesis in Schizophyllum commune. Leonard, T J *Ky Univ Tob Health Res Inst Conf Rep* 4: 652-660. Ref. 1973

077449 107.6 K995
Brefeldin A from a strain of Fungi Imperfecti. [Penicillium Ascochyta imperfecta, antifungal metabolism]. Taniguchi, E *Kyushu Univ Fac Agr J* 17 (2): 129-136. Mar 1973

077450 107.6 K995
Antifungal substances produced by Cephalothecium roseum Corda. Maekawa, K *Kyushu Univ Fac Agr J* 17 (2): 137-141. Ref. Mar 1973

077451 SB599.L35
Root region microflora of plants with references to utilization of rock phosphate by different plant species. Lategan, S *Landbouwet S-Afr Agric Sci S Afr Phytophylactica* 4 (4): 119-126. Ref. 1972

077452 410.9 SA2
New data on effect of population density on development of annual plants. (Rus) Agaev, M G *Leningr Obshchest Estestvoispyt Tr* 72 (3): 8-18. Ref. 1972

077453 QP751.L5
Lipoxygenase in Chlorella pyrenoidosa. Zimmerman, D C *Lipids* 8 (5): 264-266. May 1973

077454 QP751.L5
Lipid composition of Chaetomium cochliodes: effect of media. Safe, S *Lipids* 8 (5): 311-314. Ref. May 1973

077455 448.3 M582AE
Effect of some inhibitors of carotene synthesis on trisporic acid production by fungus Blakeslea trispora. Feofilova, E P *Microbiology* 41 (2): 223-230. Ref. Mar-/Apr 1972 (Transl. 1972)

077456 QR1.M54
Sexual & somatic cell fusions in heterothallic slime mould Didymium iridis. 1. Fusion assay, fusion kinetics & cultural parameters. Ross, I K *Microbios* 7 (26/27): 149-164. Feb/Mar 1973

077457 QR1.M54
Sexual & somatic fusion in heterothallic slime mould Didymium iridis. 2. Effects of actinomycin D, cyclohexamide & lysosome statilizers. Ross, I K *Microbios* 7 (26/27): 165-171. Feb/Mar 1973

077458 QR1.M54
Differential antibody response to somatic antigenic determinants of Rhizobium trifolii. Humphrey, B *Microbios* 7 (26/27): 87-93. Ref. Feb/Mar 1973

077459 QR1.M54
Apparent lack of radiochemical & metabolic turnover of long-chain fatty acids in fungus Aspergillus clavatus. Corina, D L *Microbios* 7 (26/27): 95-102. Ref. Feb/-Mar 1973

077460 QR1.M54
Effect of certain inhibitors of carotenogeneses in Verticillium agaricinum. Valadon, L R G *Microbios* 7(26/27): 173-180. Ref. Feb/Mar 1973

077461 442.8 Z34
Identification, properties & genetic control of UDP-glucose: isovitexin 7-O-glucosyltransferase isolated from from petals of Melandrium album. Brederode, J van *Mol Gen Genet* 122 (3): 215-229. Ref. 1973

077462 442.8 Z34
A mutant of Aspergillus nidulans lacking NADP-linked glutamate dehydrogenase. Arst, H N *Mol Gen Genet* 122 (3): 261-265. Ref. 1973

077463 451 M854
On 'hardness' of seeds of Sida hermaphrodita. (Rus) Dmitrashko, P I *Moscow Gl Bot Sad Byul* 87: 108-109. 1973

077464 451 M854
On spring aftergrowing dates of nemoral plants in Moscow.[Plant introduction]. (Rus) Karpisonova, R A *Moscow Gl Bot Sad Byul* 87: 41-45. 1973

077465 451 M854
Rate of growth & development of Heracleum species introduced into Moscow. (Rus) Ruskova, V M *Moscow Gl Bot Sad Byul* 87: 46-49. 1973

077466 451 M854
Starch dynamics in some southern Far Eastern plant species introduced into Khabarovsk. (Rus) Tagil'tseva, V M *Moscow Gl Bot Sad Byul* 87: 83-86. Ref. 1973

077467 443.8 M98
Influence of nitrogen nutrition on spontaneous mutation in blue-green alga Anabaena doliolum. Singh, H N *Mutation Res* 18 (2): 233-235. Ref. May 1973

077468 450 M99
Biochemical investigation on capsule-amylose relationship in Cryptococcus laurentii. Foda, M S A *Mycologia* 65 (2): 365-372. Ref. Mar/Apr 1973

077469 450 M994
Mesosomes: their role in delimitation of ascospore. Gil, F *Mycopathol Mycol Appl* 49 (4): 243-247. Ref. Apr 30, 1973

077470 450 M994
Physiological studies on Phymatotrichum omnivorum. III. Enzymer of glucose catabolism. Gunasekaran, M *Mycopathol Mycol Appl* 49 (4): 3390345. Apr 30, 1973

077471 442.8 N22
Developmental rate of shoots of Lonicera coerulea. (Rus) Retina, T A *Nauch Dokl Vyssh Shk, Biol Nauk* 3: 65-69. 1973

077472 442.8 N22
On life cycles of certain species of marine diatomaceous algae in cultures. (Rus) Roshchin, A M *Nauch Dokl Vyssh Shk, Biol Nauk* 3: 75-79. Ref. 1973

077473 11 N8122
Root growth in propagation. (Nor) Sobstad, T *Norsk Landbruk* 6: 12-13, 16. Mar 22, 1973

077474 SB197.B7
Potential productivity from annual & perennial crops. [Photosynthesis]. Jones, L *Occas Symp Br Grassl Soc* 7: 25-36. Ref. 1972

077475 QL750.O3
Importance of some non-volatile carbonic acids for freezing tolerance of halophyte Halimione portulacoides under different levels of sodium chloride. (Ger) Kappen, L *Oecologia* 12 (3): 241-250. Ref. Eng. Sum. 1973

077476 GC1.O3
A period of phytoplanktonic growth near Nosy Be (Madagascar) in 1971. II. Primary production. (Fre) Sournia, A *Off Rech Sci Tech Outre-Mer, Paris. Cah ORstom Ser Oceano Gr* 10 (3): 289-300. Map. Ref. Eng. Sum. 1972

077477 450 OS7
Iron, nickel, & chrome content of plants on serpentine soils in Bosnia. (Ger) Ritter-Studnicka, H *Osterr Bot Z* 121 (1/2): 29-49. Ref. 1973

077478 450 OS7
Flower & fruite biology of Butia leiospatha (Arecaceae). (Ger) Silberbauer-Gottsberger, I *Osterr Bot Z* 121 (3/4): 171-185. Ref. Eng. Sum. 1973

077479 450 P564
Effect of oxalate & ethylenediaminetetraacetic acid on absorption of calcium into Lemna. [Gibba]. DeKock, P C *Physiol Plant* 28 (3): 379-382. Ref. 1973

077480 450 P564
Effect of straitification on endogenous cytokinin levels of seed of Protea compacta & Leucadendron daphnoides. Brown, N A C *Physiol Plant* 28 (3): 388-392. Ref. 1973

077481 450 P564
Ascorbic acid & heterocyst development in blue-green alga Anabaena ambigua. Wahal, C K *Physiol Plant* 28 (3): 424-429. Ref. 1973

077482 450 P564
Action spectrum of photosynthesis for Skeletonema costatum obtained with carbon-14. Iverson, R L *Physiol Plant* 28 (3): 498-502. Ref. 1973

077483 450 P564
Triterpeneglycosides as inhibitors of fungal growth & metabolism. 5. Role of sterol contents of some fungi. Olsen, R A *Physiol Plant* 28 (3): 507-515. Ref. 1973

077484 450 P564
Slime of myxococcus virecsens. Stahl, S *Physiol Plant* 28 (3): 523-529. Ref. 1973

077485 450 P564
Cyclic mononucleotide-gibberellin interactions in flowering & proliferation of long-day plant Lemna gibba G3. Kessler, B *Physiol Plant* 28 (3): 548-553. Ref. 1973

077486 450 P564
Nature & amount of carbon-14 marked compounds excreted by Chlorella pyrenoidosa under influence of osmotic pressures of nutrient solution. (Ger) Weller, H *Physiol Plant* 28 (3): 554-556. 1973

077487 450 P5623
Level & distribution pattern of fatex sucrose along trunk of Hevea brasiliensis Mull. Arg. as affected by sink region induced by latex tapping. Tupy, J *Physiol Veg* 11 (1): 1-11. Ref. Jan/Mar 1973

077488 450 P5623
Compared effects of 3-(3,4-dichlorophenyl)-1,1-dimethylurea (DCMU) & of [Musci] manganese deficiency on spore germination & young protonema growth of some mosses. (Fre) Kofler, L *Physiol Veg* 11 (1): 121-136. Ref. Eng. Sum. Jan/-Mar 1973

077489 450 P5623
Sucrose mobilizing effect of auxins in Hevea brasiliensis Mull. Arg.: Dependence on metabolic activity of treated tissue. Tupy, J *Physiol Veg* 11 (1): 13-23. Ref. Jan/Mar 1973

077490 450 P5623
Influence of photoperiodism on tuberization of Arrhenatherum elatius (L.) Mert. et K. var. bulbosum (Willd.) Spenn., at 18 degree C & 5000 lux. (Fre) Le Clerch, J *Physiol Veg* 11 (1): 137-150. Ref. Eng. Sum. Jan/Mar 1973

077491 450 P5623
Photobleaching of beta-carotene in solution [Calorophyll a]. (Fre) Zinsou, C *Physiol Veg* 11 (1): 191-206. Ref. Eng. Sum. Jan/Mar 1973

077492 450 P5623
Analysis of isotopic kinetics for study of biosynthesis & metabolic heterogeneity of chlorophylls. Shlyk, A A *Physiol Veg* 11 (1): 25-43. Ref. Jan/Mar 1973

077493 450 P5623
Translocation & distribution of assimilates in Trapa natans L. (Fre) Couillault, J *Physiol Veg* 11 (1): 45-53. Eng. Sum. Jan/Mar 1973

077494 450 P5623
Methionine biosynthesis & sexual reproduction in Penicillium baarnense Van Beyma. (Fre) Bouvier, J *Physiol Veg* 11 (1): 83-95. Ref. Eng. Sum. Jan/Mar 1973

077495 450 P5622
Effect of 2,4-dichlorophenoxyacetic acid treatment on soluble & cell wall bound protein in Cichorium intybus root tissue. [Chicory]. Flood, A E *Phytochemistry* 12 (5): 1005-1008. Ref. May 1973

077496 450 P5622
Enzymatic synthesis of ribonucleoside-5'-phosphates from some N6-substituted adenosines. [Acer pseudoplatanus, Schizosaccharomyces pombe]. Doree, M *Phytochemistry* 12 (5): 1017-1023. Ref. May 1973

077497 450 P5622
Biosynthesis of cardenolides in Digitalis lanata. [Drug plants]. Aberhart, D J *Phytochemistry* 12 (5): 1065-1071. Ref. May 1973

077498 450 P5622
Preparation of [14C]-gibberellic acid. [Gibberella fujikuroi, carbon]. Hanson, J R *Phytochemistry* 12 (5): 1073-1075. May 1973

077499 450 P5622
New diterpenes from Sideritis canariensis. Gonzalez, A G *Phytochemistry* 12 (5): 1113-1116. May 1973

077500 450 P5622
A new lupene diol from Dodonaea attenuata. Ghisalbe-ti, E L *Phytochemistry* 12 (5): 1125-1129. Ref. May 1973

077501 450 P5622
Major sterols of Achlya bisexualis. Popplestone, C R *Phytochemistry* 12 (5): 1131-1133. Ref. May 1973

077502 450 P5622
Sterols of Zanthoria parietina: evidence for two sterol 'pools' & identification of a novel C28 triene, ergosta-5,8,22-trien-3beta-OL. Lenton, J R *Phytochemistry* 12 (5): 1135-1140. Ref. May 1973

077503 450 P5622
Methods for isolation & purification of ethanol-insoluble, phenolic esters in Mentha arvensis. Majak, W *Phytochemistry* 12 (5): 1141-1147. Ref. May 1973

077504 450 P5622
Isoflavonoids of Dalbergia ecastophyllum. Donnelly, D M X *Phytochemistry* 12 (5): 1157-1161. Ref. May 1973

077505 450 P5622
Natural occurrence of Erdtman's dehydrodiisoeugenol. [Licaria aritu]. Aiba, C J *Phytochemistry* 12 (5): 1163-1164. May 1973

077506 450 P5622
Hydroxytropane tiglates in roots of Mandragora species. Jackson, B P *Phytochemistry* 12 (5): 1165-1166. May 1973

077507 450 P5622
Alkaloids of Rauwolfia suaveolens. (Fre) Majumdar, S P *Phytochemistry* 12 (5): 1167-1169. Ref. Eng. Sum. May 1973

077508 450 P5622
Asterric acid from Scytalidium. Stermitz, F R *Phytochemistry* 12 (5): 1173. May 1973

077509 450 P5622
Hydrocarbon constituents of three species of Norwegian lichen: Cetraria nivalis, Cetraria crispa, Siphula ceratites. Gaskell, S J *Phytochemistry* 12 (5): 1174-1176. Ref. May 1973

077510 450 P5622
Cyclitols of Vinca rosea & Amsonia elliptica. Nishibe, S *Phytochemistry* 12 (5): 1177-1178. May 1973

077511 450 P5622
Alkaloids from Courbonia glauca rhizome. Taylor, D A *Phytochemistry* 12 (5): 1178-1180. Ref. May 1973

077512 450 P5622
5,4'-Dihydroxy-3,7-dimethoxyflavone from Ambrosia eriocentra. Herz, W *Phytochemistry* 12 (5): 1181-1182. May 1973

077513 450 P5622
6-Phenylethyl-5,6-dihydro-2-pyrones from Aniba gigantifolia. Franca, N C *Phytochemistry* 12 (5): 1182-1184. May 1973

077514 450 P5622
Flavonoids from Amazonian Leguminosae. Filho, R B *Phytochemistry* 12 (5): 1184-1186. Ref. May 1973

077515 450 P5622
Physcion & phytosterol from roots of Cassia occidentalis. Lal, J *Phytochemistry* 12 (5): 1186. May 1973

077516 450 P5622
Isoand neo-flavonoids from Dalbergia riparia. Filho, R B *Phytochemistry* 12 (5): 1187-1188. May 1973

077517 450 P5622
Isolation of seco-iridoide derivatives of Anthocleista zambesiaca. (Fre) Chapelle, J P *Phytochemistry* 12 (5): 1191-1192. May 1973

077518 450 P5622
Embeline from fruits of Rapanea umbellata. (Ger) Bauer, L *Phytochemistry* 12 (5): 1192. May 1973

077519 450 P5622
Petrol soluble constitutents of seeds of Pyracantha angustifolia. Suzuki, S *Phytochemistry* 12 (5): 1193. May 1973

077520 450 P5622
Constituents of essential oils of Vepris madagascarica. (Fre) Billet, D *Phytochemistry* 12 (5): 1194. May 1973

077521 450 P5622
Scutellarin & hispidulin-7-O-glucuronide from leaves of Clerodendrum indicum & clerodendron infortunatum. Subramanian, S S *Phytochemistry* 12 (5): 1195. May 1973

077522 450 P5622
Triterpene methyl ethers of Cortaderia splendens. Purdie, A W *Phytochemistry* 12 (5): 1196. May 1973

077523 450 P5622
Review article phenylalanine ammonia lyase. [Metabolism, plants]. Camm, E L *Phytochemistry* 12 (5): 961-973. Ref. May 1973

077524 QK99.A1P5
Alkaloids of Loganiaceae: On isolation of harmane from Strychnos USAmbarensis Gilg. (Fre) Angenot, L *Plant Med Phytother* 7 (1): 33-36. Ref. Jan 1973

077525 QK99.A1P5
Differentiation of some essential oils presenting a related constitution (in particular by examination of their ultraviolet, infrared & Raman specters). VIII. Essences of various Thymus species. (Fre) Herisset, A *Plant Med Phytother* 7 (1): 37-47. Ref. Jan 1973

077526 QK99.A1P5
Action in capillary resistance of two flavonic glycosides isolated from Vincetoxicum officinale Moench. (Fre) Kozjek, F *Plant Med Phytother* 7 (1): 48-52. Ref. Eng. Sum. Jan 1973

077527 QK99.A1P5
Alkaloids of Catharanthus longifolius (Pichon) Pich.: Isolation of a dimer alkaloid, vindolicine. (Fre) Rabaron, A *Plant Med Phytother* 7 (1): 53-58. Ref. Jan 1973

077528 QK99.A1P5
On determination of essential oils of plants: Improved device for volumetric measures. (Fre) Stanislas, E *Plant Med Phytother* 7 (1): 59-67. Jan 1973

077529 QK99.A1P5
Alkaloids & polyphenols of Leguminosae. XXVII. Distribution of alkaloids in different Genisteae from Spain & Portugal belonging to genera Cytisus, Genista, Echinospartum, Stauracanthus & Adenocarpus (Fre) Faugeras, G *Plant Med Phytother* 7 (1): 68-76. Ref. Jan 1973

077530 QK99.A1P5
On an endemic Ebenaceae from Madagascar, Diospyros gracilipes Hiern. (Fre) Debray, M *Plant Med Phytother* 7 (1): 77-81. Ref. Eng. Sum. Jan 1973

077531 450 P692
Role of cyclic photophosphorylation in vivo. [Chlorella vulgaris]. Klob, W *Plant Physiol* 51 (5): 825-827. Ref. May 1973

077532 450 P692
Regulation of nicotinamide adenine dinucleotide phosphate-specific glutamate dehydrogenase in germinated spores of Geotrichum candidum. Barash, I *Plant Physiol* 51 (5): 85 – 858. Ref. May 1973

077533 450 P692
Isocitrate lyase in green leaves. [Spinach, wheat, maize]. Godavari, H R *Plant Physiol* 51 (5): 863-867. Ref. May 1973

077534 450 P692
Role of glycerol in osmotic regulation of halophilic alga Dunaliella parva. Ben-Amotz, A *Plant Physiol* 51 (5): 875-878. Ref. May 1973

077535 450 P692
Response of Nocotiana misophyll protoplasts of normal & tumorous origin to indoleacetic acid in vitro. Bayer, M H *Plant Physiol* 51 (5): 898-901. Ref. May 1973

077536 450 P692
Photocontrol of germination of Onoclea [sensibilis] spores. I. Action spectrum. Towill, L R *Plant Physiol* 51 (5): 973-978. Ref. May 1973

077537 463.3 ST4
Germination. [Seeds]. Brown, R *Plant Physiol* 6c: 3-48. Ref. 1972

077538 463.3 ST4
Problems of integration & organization: control mechanisms. [Laints, physiology]. Steward, F C *Plant Physiol* 6c: 367-419.ref. 1972

077539 QK1.P5
Large ferredoxin crystals from a blue-green alga, Phormidium foveolarum. Mitsui, A *Plant Sci Lett* 01 (4): 157-163. Ref. Apr 1973

077540 QK1.P5
On plastidial heterogeneity in Acetabularia. Study of fluorescence emission at temperature of liquid nitrogen. (Fre) Sironoval, C *Plant Sci Lett* 1 (2): 47-52. Feb 1973

077541 QK1.P5
Characterization of nitrate-reducing system of yeast Torulopsis nitratophila. Rivas, J *Plant Sci Lett* 1 (3): 105-113. Ref. Mar 1973

077542 QK1.P5
Activation of plant P-enolpyruvate carboxylases by glucose-6-phosphate: a particular role in Crassulacean acid metabolism. Ting, I P *Plant Sci Lett* 1 (4): 123-128. Ref. Apr 1973

077543 QK1.P5
Effect of light on RNA & nucleotide synthesis in synchronous cultures of Chlorella. Wanka, F *Plant Sci Lett* 1 (4): 129-135. Ref. Apr 1973

077544 QK1.P5
Demonstration & possible role of a ferredoxin-dependent pyruvate decarboxylation in nitrogen-fixing blue-green alga Anabaena cylindrica. Bothe, H *Plant Sci Lett* 1 (4): 151-156. Ref. Apr 1973

077545 QK1.P5
Assignment to chloroplast & cytoplasm of three Euglena gracilis aminoacyl-tRNA synthetases with ambiguous specificity for transfer RNA. Parthier, B *Plant Sci Lett* 1 (6): 221-227. Ref. June 1973

077546 QK1.P5
A rapid screening technique for photosynthetic mutants of higher plants. Miles, C D *Plant Sci Lett* 1 (6): 237-240. Ref. June 1973

077547 QK1.P5
Cytodinin activity of commercial aqueous seaweed extract. Brain, K R *Plant Sci Lett* 1 (6): 241-245. Ref. June 1973

077548 450 P693
Localisation of alpha-amanitin-sensitive RNA-polymerase in nuclei of Acetabularia. [Mediterranea]. (Ger) Brandle, E *Planta* 111 (3): 209-217. Ref. Eng. Sum. 1973

077549 450 P693
Identification of gibberellin A20, abscisic acid, & phaseic acid from flowering Bryophyllum daigremontianum by combined gas chromatography-mass spectrometry. Gaskin, P *Planta* 111 (4): 347-352. Ref. 1973

077550 450 P693
On essential oil of Monarda fistulosa & incorporation of marked carbon dioxide in its components. (Ger) Heinrich, G *Planta* 23 (3): 201-212. Ref. Eng. Sum. May 1973

077551 450 P693
Mitragyna species of Asia. XXIII. alkaloids of leaves of Mitragyna tubulosa (Havil). Shellard, E J *Planta* 23 (3): 221-225. Ref. May 1973

077552 450 P693
Alkaloids of Laganiaceae: isolation of new alkaloid from Strychnos USAmbarensis. (Fre) Angenot, L *Planta* 23 (3): 226-232. Ref. May 1973

077553 450 P693
Model systems for biological oxidation of monoterpene hydrocarbons. [Tanacetum vulgare, Juniperus sabina]. Banthorpe, D V *Planta* 23 (3): 239-250. Ref. May 1973

077554 450 P693
Carotenoids anno 1972. [Phytochemistry, drug plants]. Liaaen-Jensen, S *Planta* 23 (3): 251-268. Ref. May 1973

077555 450 P693
Thin-layer chromatography study of saponin from bark of Quillaja saponaria. (Ger) Kartnig, T *Planta* 23 (3): 269-271. May 1973

077556 450 P693
Phytochemical investigation of Erigeron crispus. Metwally, A M *Planta* 23 (3): 281-285. Ref. May 1973

077557 450 P693
Alkaloids of Solanum ecuadorense. Usubillaga, A *Planta* 23 (3): 286-289. May 1973

077558 450 P693
Preparation of naturally occurring complex of initial scilladienolides of Urginea maritima. Kader, E M A *Planta* 23 (3): 290-294. May 1973

077559 450 P693
Further chemical studies of Piper peepuloides. Dhar, K L *Planta* 23 (3): 295-297. May 1973

077560 450 P693
Chemical constituents of flowers of Cassia occidentalis. Niranjan, G S *Planta* 23 (3): 298-300. May 1973

077561 S590.P6
On chemistry of cation exchange between root adsorbent of plants & soil adsorbent. (Bul) Ganev, S *Pochvozn Agrokhim* 8 (1): 45-56. Ref. 1973

077562 20.5 P84
Second conference on translocation & accumulation of nutrients in plant organism, Warsaw, February 1972. (Pol) Antoszewski, R *Postepy Nauk Roln* 19 (6): 187-189. Nov/Dec 1972

077563 20.5 P84
Physiological foundations of joint action of nitrogen & potassium in nutrition of cultivated plants. (Pol) Koter, Z *Postepy Nauk Roln* 20/25 (1): 19-43. Ref. 1973

077564 20.5 P84
Correlation between crop yield, photosynthesis intensity & activity of enzymes that take part in carbon fixation. (Pol) Wojcieska, U *Postepy Nauk Roln* 20/25 (1): 45-54. 1973

077565 20.5 P84
Behaviour of Cesium 137 in soils & in system soil – plant. (Pol) Smierzchalska, K *Postepy Nauk Roln* 20/25 (1): 89-107. Ref. 1973

077566 S13.P72
Influence of some factors on determination of activity of tryptophan synthase of selected species of plants. (Cze) Horak, V *Prague Vys Sk Zemed Fak Agron Sb Rada A Rostl Vyroba* 1: 43-55. Ref. Eng. Sum. 1973

077567 S13.P72
Determination of free tryptophan on automated amino acid analyser Hd-1200 E by gel-filtration chromatography. [Plant extracts]. (Cze) Pilarova, J *Prague Vys Sk Zemed Fak Agron Sb Rada A Rostl Vyroba* 1: 57-67. Ref. Eng. Sum. 1973

077568 S13.P72
A source of light for assimilation chambers. [Plants, photosynthesis]. (Cze) Fojtik, L *Prague Vys Sk Zemed Fak Agron Sb Rada A Rostl Vyroba* 1: 85-94. Eng. Sum. 1973

077569 QK861.A1P66
Methods for investigation of biosynthesis in higher plants. Brown, S A *Progr Phytochem* 3: 1-45. Ref. 1972

077570 QD415.A1P3
Metabolism of trehalose in Euglena gracilis. Belocopitow, E *PAABS (panan Assoc Biochem Soc Symp)* 2: 297-304. Ref. 1972

077571 QD415.A1P3
Biosynthesis of polysaccharides from sugar nucleotides in plants. Hassid, W Z *PAABS (panan Assoc Biochem Soc Symp)* 2: 315-335. Ref. 1972

077572 QD415.A1P3
Regulatory mechanisms in biosynthesis of plant starch & bacterial glycogen. Preiss, J *PAABS (panan Assoc Biochem Soc Symp)* 2: 517-528. Ref. 1972

077573 QD415.A1P3
Adenyl cyclase & regulation of glycogen metabolism in Neurospora crassa. Flawia, M M *PAABS (panan Assoc Biochem Soc Symp)* 2: 541-571. Ref. 1972

077574 334.8 R11
Effects of metabolic inhibitors on giant cell formation in Oedogonium cardiacum. Banerjee, S N *Radiat Res* 54 (1): 121-129. Ref. Apr 1973

077575 450 R18
Estrogenic properties of superterranean parts of Glycyrrhiza glabra L. (Rus) Murav'ev, I A *Rastitel Resursy* 8 (4): 490-497. Ref. 1972

077576 450 R18
Dynamics of growth & accumulation of alkaloids in culture of stem tissue of Rauwolfia serpentina Benth. (Rus) Vollosovich, A G *Rastitel Resursy* 8 (4): 521-523. 1972

077577 450 R18
Morphological characteristic features & content of alkaloids in interspecific hybrid (F1) of Scopolia sinensis Hemsl. Crossed with Scopolia tangutica Maxim. (Rus) Sandina, I B *Rastitel Resursy* 8 (4): 524-534. 1972

077578 450 R18
Accumulation of alkaloids in different organs of Symphytum caucasicum Bieb. (Rus) Man'ko, I V *Rastitel Resursy* 8 (4): 538-541. Ref. 1972

077579 450 R18
On polyphenolic compounds of certain species of Hypericum L. (Rus) Bandiukova, V A *Rastitel Resursy* 8 (4): 541-547. Ref. 1972

077580 450 R18
Coumarin content in Siberian representatives of Umbelliferae. (Rus) Valutskaia, A G *Rastitel Resursy* 8 (4): 547-554. Ref. 1972

077581 450 R18
Iridoid glycosides of Phlomis tuberosa L. (Rus) Gella, E V *Rastitel Resursy* 8 (4): 554-556. 1972

077582 450 R18
Grindelia Willd., a valuable essential-oil plant. (Rus) Kapelev, I G *Rastitel Resursy* 8 (4): 566-571. Ref. 1972

077583 450 R18
Change of hemolythic index of total amount of saponins, extracted from tissue culture of Dioscorea deltoidea Wall., depending on method of extraction. (Rus) Sarkisova, M A *Rastitel Resursy* 8 (4): 574-577. 1972

077584 450 R18
Antitussive properties of certain medicinal plants. (Rus) Andronova, L M *Rastitel Resursy* 8 (4): 588-591. Ref. 1972

077585 450 R18
Biology of development of Erysimum canescens Roth, cultivated in Zaporozhye Region. (Rus) Smychenko, A A *Rastitel Resursy* 8 (4): 591-595. Ref. 1972

077586 450 R18
Content of alkaloids in galls of Cacalia hastata L. (Rus) Slepian, E I *Rastitel Resursy* 8 (4): 595-602. Ref. 1972

077587 450 R18
Change in carbohydrates content in Polygonum coriarium Grig. during summer dormancy. (Rus) Chevrenidi, S Kh *Rastitel Resursy* 8 (4): 602-606. Ref. 1972

077588 450 R18
Some biological features of Glycyrrhiza glabra grown in Moldavia. (Rus) Muchnik, Zh S *Rastitel Resursy* 9 (2): 176-183. Ref. 1973

077589 Q2.R63
Fruits, flowers, leaves at will. [Tissue culture]. (Fre) Leguary, J J *Recherche* 33: 380-381. Apr 1973

077590 9.2 C332
Growth periodicity of coffee. (Por) Barros, R S *Rev Ceres* 19 (106): 424-448. Ref. Eng. Sum. Nov/Dec 1972

077591 SB267.A1R4
Radicular system of cacao for two soil types in State of Sao Paulo. (Por) Cadima Zevallos, A *Rev Theobroma* 2 (4): 16-22. Eng. Sum. Oct/Dec 1972

077592 59.8 R36
U.S. Agricultural policies for rice industry. *Rice J* 76 (4): 34-36. Apr 1973

077593 308.8 R52
Research concerning botany & chemistry of essentia l oil of some species of Achillea growing in central western Alps; first contribution. (Ita) Sacco, T *Riv Ital Essenze Profumi Piante Off* 55 (2): 77-80. Eng. Sum. Feb 1973

077594 64.9 C33
Effect of altitude above mean sea level on dynamics of development of some plants: A preliminary report. (Cze) Habovstiak, J *Rostlinna Vyroba* 19 (1): 33-39. Eng. Sum. Jan 1973

077595 80 SCH9
Experiences with testing & licensing of phytohormones (growth regulators). [Fruit, wheat]. (Ger) Schumacher, R *Schweiz Z Obst Weinbau* 109 (9): 218-219. Apr 14, 1973

077596 442.9 SK52
Osmotic pressure of some plants in steppa area of Macedonia. (Mac) Grupce, L *Skopje Univ Prir-mat Fak God Zb Biol Annu Biol* 24: 113-121. Ref. Eng. Sum. 1972

077597 QD415.A1S7
On biosynthesis of carotenoids. V. Biosynthesis of carotenoids in Aesculus rubicunda Auct. (Rum) Neamtu, G *Stud Cercet Biochim* 16 (1): 35-43. Ref. Eng. Sum. 1973

077598 QD415.A1S7
Contributions to biosynthesis of carotenoids. VI. Biosynthesis of carotenoids in Eschscholtzia californica. (Rum) Neamtu, G *Stud Cercet Biochim* 16 (2): 171-179. Ref. Eng. Sum. 1973

077599 385 T29
Isolation of toxin, altenuisol, from fungus, Alternaria tenuis Auct. Pero, R W *Tetrahedron Lett* 12: 945-948. Ref. Mar 1973

077600 385 T29
Imidazoline alkaloids. III. Alkaloids of Cynometra ananta. (Fre) Khuong-Huu, F *Tetrahedron Lett* 20: 1757-1760. May 1973

077601 385 T29
Preparation of two fluorogibberellins from gibberellic acid. [Plant regulators]. Bateson, J H *Tetrahedron Lett* 20: 1783-1784. May 1973

077602 385 T29
Further information on biosynthesis of alkaloid ismine. [Sprekelia formosissima]. Fuganti, C *Tetrahedron Lett* 20: 1785-1788. May 1973

077603 385 T29
Alkaloids from Hunteria eburnea, eburnaphylline; chemical coorelation with akuammidine. (Fre) Morfaux, A M *Tetrahedron Lett* 22: 1939-1941. May 1973

077604 382 T29
Constituents of root of Dictamnus albus L. Storer, R *Tetrahedron* 29 (9): 1217-1222. Ref. May 1973

077605 286.89 T552
A preliminary study of algae in tobacco beds. Schlichting, H E *Tobacco (new York)* 175 (11): 57-58. May 25, 1973

077606 330.9 T572
Biochemical studies on nitrogen compounds of fungi. IV. L-pipecolic acid & trans-5-hydroxyl-L-pipecolic acid from Stereum ostrea (Blume et Ness) Fr. Hatanaka, S I *Tokyo Univ Coll Gen Educ Sci Pap* 22 (2): 117-120. Ref. Dec 1972

077607 451 ER43
On amino acid & carbohydrate composition of individual organs of plants with double flowering & with normal flowers. (Rus) Balagezian, N V *Tr Bot Inst Akad Nauk Arm SSR* 18: 119-124. 1972

077608 451 ER43
On amount of nitrogenous substances in roots & bleeding sap of annual plants. (Rus) Matinian, I G *Tr Bot Inst Akad Nauk Arm SSR* 18: 62-67. 1972

077609 451 ER43
Dynamics of amount of phosphorus compounds in roots & bleeding sap of certain annuals. (Rus) Matinian, I G *Tr Bot Inst Akad Nauk Arm SSR* 18: 68-72. Ref. 1972

077610 451 ER43
On carbohydrate & nucleic acid in leaves & buds of Syringa in relation to establishment of flower embryos. (Rus) Kazarian, V O *Tr Bot Inst Akad Nauk Arm SSR* 18: 7-16. Ref. 1972

077611 451 ER43
On mechanism of effect of maleic hydrazide on growth of plants. (Rus) Abramian, A G *Tr Bot Inst Akad Nauk Arm SSR* 18: 92-101. Ref. 1972

077612 9 T793
Class notes: Algae. 2. (Spa) Grassi, M M *Tucuman Univ Fac Agron Misc* 35, 279 P. Ref. 1972

077613 79.8 W412
Variation in growth of seedlings & clones of Agropyron repens (L.) Beauv. Williams, E D *Weed Res* 13 (1): 24-41. Mar 1973

077614 79.8 W41
Seasonal variation in flowering of common dandelion. [Taraxacum officinale]. Gray, E *Weed Sci* 21 (3): 230-232. May 1973

077615 QK711.W4
Comparative carbon metabolism in plants. Ting, I P *What's New Plant Physiol* 5 (3), 4 P. Ref. Mar 1973

077616 QK711.W4
Molecular properties of phytochrome. [Chromoproteins]. Pratt, L H *What's New Plant Physiol* 5 (5): 1-4. Ref. May 1973

077617 99.82 W8524
Acidolysis of bamboo lignin. III. Estimation of arylglycerol-betaAryl ether groups in lignins. Higuchi, T *Wood Res (Kyoto)* 54: 9-18. Ref. Mar 1973

077618 450 Z32
Absorption spectra of Zamioculcas boivinii chloroplasts recorded in vivio & after isolation by micro-spectrophotometric method. Soran, V *Z Pflanzenphysiol* 69 (2): 100-108. 1973

077619 450 Z32
Tests of callus culture with leaves of Cassia angustifolia. (Ger) Friedrich, H *Z Pflanzenphysiol* 69 (2): 168-173. 1973

077620 450 Z32
Similar effects of iron-chelating agents & cytokinins on production of haploid embryos from pollen grains of Daturainoxia. Sopory, S K *Z Pflanzenphysiol* 69 (2): 97-99. 1973

077621 450 Z32
Effect of light intensity during growth of Sinapis alba on electron – transport components. Wild, A *Z Pflanzenphysiol* 69 (4): 344-350. Ref. May 1973

077622 450 Z32
Characterization of NADP [nicotinamide-adenine dinucleotide phosphate[-Linked glyceraldehyde-3-phosphate dehydrogenase of Euglena gracilis. Vacchi, C *Z Pflanzenphysiol* 69 (4): 351-358. Ref. May 1973

077623 450 Z32
Proteins & development in a dioecious plant: Mercurialis annua L. Kahlem, G *Z Pflanzenphysiol* 69 (4): 377-380. May 1973

PHYSIOLOGY AND BIOCHEMISTRY OF FIELD CROPS

077624 512 W262
Activity of some enzymes from soyabean seeds ageing at various air humidities. [Biability]. Luczynska, J *Acad Polon Sci Bull Ser Sci Biol* 21 (2): 155-159. Ref. 1973

077625 512 W262
Some remarks on effects of 3-indoleacetic acid on transpiration at first stage of Triticum durum variety Oued Zenati 368. [Wheat]. (Fre) Nowakowski, W *Acad Polon Sci Bull Ser Sci Biol* 21 (2): 165-169. Ref. Eng. Sum. 1973

077626 385 AC85AE
Purine metabolism in wheat shoots treated with aminotriazole. Rybicka, H *Acta Biochim Pol (transl)* 19 (2): 145-148. Ref. 1972

077627 385 AC85AE
DNA metabolism in germinating embryos of rye (Secale cereale L.). Golaszewski, T *Acta Biochim Pol (transl)* 19 (3): 201-205. Ref. 1972

077628 475 AC85
Bioluminescence of seeds of rye-grass & barley. [Iolium]. Kiviniitty, K *Acta Biol (budapest)* 23 (3): 247-252. 1972

077629 SF1.A2
Study of the effect of locality on copper, iron, zinc, manganese, and cobalt content of lucerne, meadow clover and meadow sward. (Ger) Labuca, J *Acta Zootech* 24: 5-20. Map. Ref. Eng. Sum. 1972

077630 16 AG8259
Effect of atrazine on crude protein & nitrate reductase in cron (Zea mais L.). (Ita) Massantini, F *Agric Ital* (New Ser.27) 72 (5): 334-349. Ref. Eng. Sum. Sept/Oct 1972

077631 340.8 AG8
An approach to growth curve analysis. [pastures, transpiration, respiration]. Byrne, G F *Agric Meteorol* 11 (2): 161-168. Ref. Mar 1973

077632 385 AG89
Exchange of proteins & amino acids of wheat with application of 2,4-D. (Rus) Krishchenko, V P *Agrokhimiia* 3: 113-121. Ref. Mar 1973

077633 385 AG89
Effect of ammonium polyphosphate on growth & yield of spring wheat in different types of soils. (Rus) Kartseva, L N *Agrokhimiia* 3: 19-23. Mar 1973

077634 385 AG89
Yield capacity & quality of grain of winter wheat varieties resistant or slightly resistant to lodging with different standards of planting & fertilizers. (Rus) Simonian, M M *Agrokhimiia* 3: 45-50. Mar 1973

077635 385 AG89
Reaction of corn & soybeans to nutrition conditions in a mixed planting. (Rus) Kukharchuk, P I *Agrokhimiia* 3: 62-68. Ref. Mar 1973

077636 385 AG89
Effect of fertilizers on yield, quality & uptake of nutrients by potato plants in central Chernozem belt. (Rus) Nikitin, V V *Agrokhimiia* 3: 69-73. Ref. Mar 1973

077637 385 AG89
On effect of autumn frosts on spring wheat treated with various forms of nitrogen. (Rus) Glian'ko, A K *Agrokhimiia* 4: 31-36. Ref. Apr 1973

077638 385 AG89
Barley plant uptake of phosphorus & potassium from various genetic horizons of bog-podzolic soils. (Rus) Timbare, R IA *Agrokhimiia* 4: 83-89. Ref. Apr 1973

077639 385 AG89
Effect of non-root dressing with salts of micronutrients on increase in biological mass, accumulation of flavonoids & increased activity of enzymes of Fagopyrum emarginatum. (Rus) Grinkevich, N I *Agrokhimiia* 4: 98-104. Ref. Apr 1973

077640 4 AM34P
A resistance model to predict evapotranspiration & its application to a sugar beet field. Brown, K W *Agron J* 65 (3): 341-347. Ref. May/June 1973

077641 4 AM34P
Effect of antitranspirants on yield of grain sorghum under limited irrigation. Fuehring, H D *Agron J* 65 (3): 348-351. Ref. May/June 1973

077642 4 AM34P
Relationships between drought & corn yields on selected south Atlantic coastal plain soils. Sopher, C D *Agron J* 65 (3): 351-354. Ref. May/June 1973

077643 4 AM34P
Flooding & soil temperature effects on wheat during grain filling. Luxmore, R J *Agron J* 65 (3): 361-364. Ref. May/June 1973

077644 4 AM34P
Aerodynamic & energy balance comparisons between awned & nonawned barley. Benci, J F *Agron J* 65 (3): 373-377. Ref. May/June 1973

077645 4 AM34P
Influence of cool & warm temperatures & temperature reversal at inflorescence emergence on growth of timothy, orchardgrass, & tall fescue. [Phleum pratense, Dactylis glomerata, Festuca arundinacea]. Knievel, D P *Agron J* 65 (3): 378-383. Ref. May/June 1973

077646 4 AM34P
Seed dormancy & germination in indiangrass as affected by light, chilling, & certain chemical treatments. [Sorghastrum nutans]. Emal, J G *Agron J* 65 (3): 383-385. May/Jube 1973

077647 4 AM34P
Movement of herbicides through soil to soybean roots. Scott, H D *Agron J* 65 (3): 386-390. Ref. May/June 1973

077648 4 AM34P
Grain yield, milling quality, & seed viability of rice as influenced by time of nitrogen application & time of harvest. Seetanun, W *Agron J* 65 (3): 390-394. Ref. May/June 1973

077649 4 AM34P
Leaf angle, leaf area, & corn (Zea mays L.) yield. [Light utilization]. Winter, S R *Agron J* 65 (3): 395-397. Ref. May/June 1973

077650 4 AM34P
Cotton leaf temperatures as related to soil water depletion & meteorological factors. Ehrler, W L *Agron J* 65 (3): 404-409. May/June 1973

077651 4 AM34P
Diurnal variation in alfalfa (Medicago sativa L.) dry matter yield & overnight losses in harvested alfalfa forage. Knapp, W R *Agron J* 65 (3): 413-417. Ref. May/-June 1973

077652 4 AM34P
Analysis of interrelationships among seedling vigor, field emergence, & yield in wheat. Das Gupta, P R *Agron J* 65 (3): 417-422. Ref. May/June 1973

077653 4 AM34P
Canopy temperatures of barley as influenced by morphological characteristics. Ferguson, H *Agron J* 65 (3): 425-428. Ref. May/June 1973

077654 4 AM34P
Measurement of nitrogenase activity of intact legume symbion ts in situ using acetylene reduction assay. [Soybean]. Fishbeck, K *Agron J* 65 (3): 429-433. Ref. May/June 1973

077655 4 AM34P
Protein content of winter wheat grain as related to soil & climatic factors in semiarid Central Great Plains. Smika, D E *Agron J* 65 (3): 433-436. Ref. May/June 1973

077656 4 AM34P
Effect of seed maturation & plant population on soybean seed quality. Burris, J S *Agron J* 65 (3): 440-441. May/June 1973

077657 4 AM34P
Nitrogen requirements of winter wheat (Triticum aestivum, L.) varieties 'blueboy' & 'redcoat'. Stanford, G *Agron J* 65 (3): 442-447. Ref. May/June 1973

077658 4 AM34P
Effect of pretransplant lighting on posttransplant growth & development of tobacco. Kasperbauer, M J *Agron J* 65 (3): 447-450. Ref. May/June 1973

077659 4 AM34P
Chemical desiccation experiments with hard red spring wheat, Triticum aestivum L. [Harvesting aid]. McNeal, F H *Agron J* 65 (3): 451-453. Ref. May/June 1973

077660 4 AM34P
Leaf area index & radiation as related to corn yield. Scarsbrook, C E *Agron J* 65 (3): 459-461. May/June 1973

077661 4 AM34P
Effect of phytoplankton culture on germination & seedling development of barley, sugar beets, & lettuce. Davis, C H *Agron J* 65 (3): 462-464. May/June 1973

077662 4 AM34P
Effect of supplemental water on barley & corn production in a subhumid region. Power, J F *Agron J* 65 (3): 464-467. May/June 1973

077663 4 AM34P
Nitrogen metabolism of stargrass as affected by nitrogen & soil salinity. [Cynodon plectostachyus]. Langdale, G W *Agron J* 65 (3): 468-470. Ref. May/-June 1973

077664 4 AM34P
Effects of gibberellic acid & sublethal levels of four herbicides on cool-season regrowth of two tropical forag e grasses. [Digitaria decumbens, Pennisetum clandestinum]. Whitney, A S *Agron J* 65 (3): 473-476. Ref. May/June 1973

077665 4 AM34P
Ionic balance for barley as influenced by P [phosphorus] fertility, water, & soil temperature. Follett, R F *Agron J* 65 (3): 477-482. Ref. May/June 1973

077666 4 AM34P
Manganese nutrition of cotton under two boron levels. I. Growth & development. Ohki, K *Agron J* 65 (3): 482-485. Ref. May/June 1973

077667 4 AM34P
Evaluation of vigor tests for sorghum seed. Vanderlip, R L *Agron J* 65 (3): 486-488. May/June 1973

077668 4 AM34P
Water loss from an irrigated sorghum field: iI. Evapotranspiration & root extraction. [Sorghum]. Stone, L R *Agron J* 65 (3): 495-497. May/June 1973

077669 4 AM34P
Photomicrographic record of light reflected at 850 anaometers by cellular constituents of Zebrina leaf epidermis. Gausman, H W *Agron J* 65 (3): 504-505. May/June 1973

077670 4 AM34P
Producing mature plants from embryos excised from dry corn (Zea mays L.) caryopes. Amos, F B *Agron J* 65 (3): 508-509. May/June 1973

077671 4 AM34P
Effects of fertilizer on root strength of Sherman big bluegrass (Poa ampla Merr.). Haferkamp, M R *Agron J* 65 (3): 511-512. May/June 1973

077672 4 AM34P
Short note on 'wilting phenomenon in crop plants'. [Rice, water relations]. Tomar, V S *Agron J* 65 (3): 514-515. Ref. May/June 1973

077673 4 AM34P
Flax growth in Cecil soil containing mordant violet 39. LaFleur, K S *Agron J* 65 (3): 516-517. Ref. May/June 1973

077674 4 AM34P
Relation of light reflectance of six barley lines with chlorophyll assays & optical film densities. Cardenas, R *Agron J* 65 (3): 518-519. Ref. May/June 1973

077675 442.9 AK132
Change in amount of protein nitorgen in winter wheat as affected by salting of different quality. (Rus) Azizbekova, Z S *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 3: 3-6. Ref. 1972

077676 442.9 AK132
Effect of soil moisture on amount of different fractions of protein nitrogen in plants. [Wheat, beans]. (Aze) Guseinov, B Z *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 3: 7-10. 1972

077677 442.9 AK132
On effect of different doses of calcium on uptake & mobility of some elements of mineral nutrition in wheat in relation to sufate salting. (Rus) Dadasheva, S IU *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 4: 79-83. Ref. 1972

077678 442.8 AL6
Accumulation of carbohydrates in ripening rice grain & its relationship with nutrition conditions. (Rus) Darkanbaev, T B *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 1: 15-24. Ref. Jan/Feb 1973

077679 511 AK192D
Biochemical characteristics of root & green material of knotweed. 9. Dynamics of pigments & their quantitative dependence on fertilization. [Polygonum coriarium]. (Rus) Pipinys, J *Akad Nauk Litov Ssr Darbai Tr Ser C* 1 (57): 27-36. Ref. Eng. Sum. 1972

077680 511 AK192D
Biochemical characteristics of roots & green material of knotweed. 10. Effect of haymaking of green material on root crop & on its quality. [Polygonum coriarium]. (Rus) Pipinys, J *Akad Nauk Litov Ssr Darbai Tr Ser C* 1 (57): 37-42. Ref. Eng. Sum. 1972

077681 511 AK192D
Biological & biochemical characteristics of perspective silo plants. 1. Growth, development & chemical composition of Weyrich's knotweed. [Polygonum weyrichi]. (Rus) Marciulionis, V *Akad Nauk Litov Ssr Darbai Tr Ser C* 2 (58): 35-40. Eng. Sum. 1972

077682 511 AK192D
Biochemical characteristics of roots & green material of knotweed. 11. Amount of carbohydrates in roots of selective forms & their yield. [Polygonum coriarium]. (Rus) Pipinys, J *Akad Nauk Litov Ssr Darbai Tr Ser C* 2 (58): 41-48. Ref. Eng. Sum. 1972

077683 511 SA2B
Alkaloid spectrum in ontogenesis of Nicotiana glutinosa & Nicotiana tabacum Havana & their reciprocal hybrids. [Tobacco]. (Rus) Lovkova, M OA *Akad Nauk Sssr Izv Ser Biol* 1: 115-120. Eng. Sum. Jan/Feb 1973

077684 14 F8499
On active photosynthetic energy; its use by gramineaes during their growth: Particular case of wheat populations. (Fre) Baldy, C *Ann Agron* 23 (6): 685-699. 1972

077685 23 AU783
Assessing photosynthetic limitation to grain yield in a field crop. Gifford, R M *Australian J Agr Res* 24 (3): 297-307. Ref. May 1973

077686 23 AU783
In vitro digestibility & carbohydrate composition of Digitaria decumbens & Setaria anceps grown at different levels of nitrogenous fertilizer. Ford, C W *Australian J Agr Res* 24 (3): 309-316. Ref. May 1973

077687 23 AU783
Effect of aluminium on growth & chemical composition of some tropical & temperate pasture legumes. Andrew, C S *Australian J Agr Res* 24 (3): 325-339. Ref. May 1973

077688 23 AU783
Influence of aluminium on phosphate sorption by whole plants & excised roots of some pasture legumes. Andrew, C S *Australian J Agr Res* 24 (3): 341-351. Ref. May 1973

077689 442.8 AU72
Photosynthetic characteristics of modern & primitive wheat species in relation to ontogeny & adaptation to light. Dunstone, R L *Australian J Biol Sci* 26 (2): 295-307. Ref. Apr 1973

077690 442.8 AU72
Stress metabolism. V. Abscisic acid & nitrogen metabolism in barley & Lolium temulentum L. Aspinall, D *Australian J Biol Sci* 26 (2): 319-327. Ref. Apr 1973

077691 442.8 AU72
Mechanisms regulating photosynthesis in Pennisetum typhoides. McPherson, H G *Australian J Biol Sci* 26 (2): 329-339. Ref. Apr 1973

077692 442.8 AU72
Zea mays: methods for diploid callus culture & subsequent differentiation of various plant structures. [Corn]. Gresshoff, P M *Australian J Biol Sci* 26 (2): 505-508. Apr 1973

077693 442.8 B5236
Large-scale photosynthetic production of carbon-13 labeled sugars: tobacco leaf system. Kollman, V H *Biochem Biophys Res Commun* 50 (3): 826-831. Feb 5, 1973

077694 442.8 B5236
Effect of chloramphenicol & cycloheximide on synthesis of nitrate reductase & nitrite reductase in rice leaves. Sawhnye, S K *Biochem Biophys Res Commun* 51 (1): 67-73. Ref. Mar 5, 1973

077695 442.8 B5236
Selection of repeated sequences of homologous & heterologous DNA during vitro transcription by maize RNA polymerase. Brooks, R R *Biochem Biophys Res Commun* 52 (2): 608-613. Ref. May 15, 1973

077696 381 B522
Interaction of alfalfa saponins with components of erythrocyte membrane in hemolysis. Assa, Y *Biochim Biophys Acta* 307 (1): 83-91. Ref. Apr 25, 1973

077697 381 B522
Methylmethionine labeling of a higher plant tissue: incorporation into RNA & pectinic acid of nucleic acid extracts. [Broadbeans]. Jakob, K M *Biochim Biophys Acta* 308 (2): 296-309. Ref. May 10, 1973

077698 381 B522
Evidence for three isozymes of chorismate mutase in alfalfa. Woodin, T S *Biochim Biophys Acta* 309 (1): 211-223. Ref. May 5, 1973

077699 QK1.B52
Possibility of endogenous control of winter wheat tillering. (Slo) Jurekova, Z *Biol Ser A Bot* 28 (1): 39-47. Ref. Eng. Sum. 1973

077700 QK1.B52
Study of influence of DL-phenylalanine on content of phenolic substances in leaves of sugar beet. (Slo) Brillova, D *Biol Ser A Bot* 28 (1): 49-55. Eng. Sum. 1973

077701 49 R324
Variation of chemical composition of coloniao grass Panicum maximum Jacq. (Por) Pedreira, J V S *Bol Indus Anim* (New Ser.) 29 (1): 185-190. Eng. Sum. 1972

077702 49 R324
Studies on mineral nutrition of several tropical grasses. (Por) Werner, J C *Bol Indus Anim* (New Ser.) 29 (1): 191-245. Ref. Eng. Sum. 1972

077703 S13.B7
On studies of substitution of protein fraction in wheat by means of gradual extraction. (Cze) Pelikan, M *Brno Acta Univ Agr Fac Agron* 20 (3): 347-353. Ref. 1972

077704 HD1940.C95A1
Importance of growth regulators for growth & differentiation of isolated maize (Zea mays L.) seedlings. (Cze) Blazkova, J *Brno Vysoka Sk Zemedel Sb Rada D Spisy Fak Provozne Ekon* 8 (2): 235-242. 1972

077705 504 B836
Ecology of growth in Beckeropsis uniseta (Nees) Stapf & in Hyparrhenia diplandra (Hack.) Stapf. (Fre) Kiadi-Matsuela, N *Brussels Acad Roy Sci Outre-mer Bull Seances* 3: 336-350. 1972

077706 470 C16E
Wheat-embryo ribonucleates. I. Subcellular localization of a satellite polyribonucleotide. Azad, A A *Can J Biochem* 51 (5): 606-612. Ref. May 1973

077707 470 C16E
Dissociation reassociation & phenylalanine incorporation by chloroplast & cytoplasmic wheat-leaf ribosomes. Jones, B L *Can J Biochem* 51 (5): 686-693. Ref. May 1973

077708 470 C16E
14c-phenylalanine incorporation by wheat-seedling cytoplasmic ribosomes. Tucker, E B *Can J Biochem* 51 (5): 694-700. May 1973

077709 470 C16C
Growth kinetics of Marquis wheat, iv. Temperature dependence. Macdowall, F D H *Can J Bot* 51 (4): 729-736. Ref. Apr 1973

077710 470 C16C
Biochemical differentiation in flax tissue culture: Phenoloic compounds. Liau, S *Can J Bot* 51 (4): 820-823. Ref. Apr 1973

077711 443.8 C16
Use of nitrous oxide for producing eupolyploids & aneuploids in wheat & barley. Dvorak, J *Can J Genet Cytol* 15 (1): 205-214. Ref. Mar 1973

077712 450 C16
Analysis of sodium & potassium content of corn & sugar beet with help of their specific electrode. (Fre) Chamberland, E *Can J Plant Sci* 53 (1):233-234. Jan 1973

077713 385 T57C
Tissue culture of tobacco cells in tank. (Jap) Shimizu, K *Chem & Chem Ind (tokyo)* 26 (4): 127-130. Apr 1973

077714 100 C71S (3)
Growth analysis studies of sugarbeet. Storer, K R *Colo Agr Exp Sta Tech Bull* 118, 69 P. Ref. Jan 1973

077715 73.8 C82
Study of germination of cotton pollen (Gossypium hirstum) in vitro. (Fre) Bronckers, F *Coton Fibres Trop* 27 (4): 395-702. Dec 1972

077716 73.8 C82
Techniques for nitrate dosages by ionometer in cotton petioles. (Fre) Braud, M *Coton Fibres Trop* 27 (4): 411-413. Dec 1972

077717 18 D4825T
Photosynthesis & yield: pot experiment with winter wheat. (Ger) Damisch, W *Deut Akad Landwirtschaftswiss Tagungsber* 119: 47-53. Eng. Sum. 1972

077718 18 D4825T
Research on water consumption of individual genotypes & possible early diagnosis. [Oats]. (Ger) Zwicker, R *Deut Akad Landwirtschaftswiss Tagungsber* 119: 55-64. Ref. Eng. Sum. 1972

077719 511 AK147D
The effect of calcium on accumulation and distribution of potassium in wheat in cases of chloride salinization. (Rus) Azizbekova, Z S *Dokl Akad Nauk Az SSR* 28 (11/12): 50-53. Eng. Sum. 1972

077720 511 AK147D
Interrelationships between radiation conditions & photosynthesis in cotton as affected by mineral fertilizers & petroleum-based growth substance. (Rus) Aliev, S A *Dokl Akad Nauk Az SSR* 28 (6/7): 56-59. Eng. Sum. 1972

077721 511 AK147D
Effect of chloride salting on calcium accumulation by plants with a background of different nitrogen fertilizers. [Cotton]. (Aze) Azizbekova, Z S *Dokl Akad Nauk Az SSR* 28 (6/7): 60-64. Ref. Eng. Sum. 1972

077722 511 AK147D
Effect of molybdenum & cobalt on nitrogen metabolism of cotton under gamma-ray irradiation. (Rus) Mukhtarova, L S *Dokl Akad Nauk Az SSR* 28 (9/10): 62-65. Eng. Sum. 1972

077723 24 EA74
Lysimeter study of water use of maize & beans in east Africa. Wang'ati, F J *East Afr Agr Forest J* 38 (2): 141-156. Ref. Oct 1972

077724 24 EA74
Effect of puberulent genotype on oil, protein & sugar content of soybean seed. Rubaihayo, P R *East Afr Agr Forest J* 38 (2): 175-178. Ref. Oct 1972

077725 QH540.E3
Effect of drought on cotton water regime at different stages of its development. (Rus) Mirzambetov, K *Ekologiia* 4: 103-104. 1972

077726 384 C422
Influence of location & year of planting on protein & fat-content & fatty acid pattern of different varieties of soybeans. (Ger) Schuster, W *Fette Seifen Anstrichmittel* 75 (5): 289-298. Ref. Eng. Sum. May 1973

077727 450 F58
A new corrinoid compound from soybean nodules. (Rus) Troitskaia, G N *Fiziol Rast (mosc)* 20 (2): 333-338. Ref. Eng. Sum. Mar/Apr 1973

077728 60.8 F742
Corn maturity & Ontario corn heat units. Hubbard, W A *Forage Notes (Ottawa)* 18 (1): 28-29. Spring 1973

077729 60.8 F742
Regional distribution of trace elements in native forages of western Canada. Fletcher, K *Forage Notes (Ottawa)* 18 (1): 34-37. Ref. Spring 1973

077730 QD415.F4
Informosomes of germinating wheat embryos. Ajtkhozhin, M A *FEbs Lett (fed Eur Biochem Soc)* 31 (1): 104-106. Ref. Apr 1, 1973

077731 QD415.F4
Pre-existence of chlorplast lamellar proteins in wheat etioplasts. Functional & protein changes during greening under continuous or intermittment light. Remy, R *FEbs Lett (fed Eur Biochem Soc)* 31 (3): 308-312. Ref. May 1, 1973

077732 S19.G5
Influence of nitrogen & moisture on growth & grain production in upland rice, Oryza glaberrima. Takyi, S K *Ghana J Agr Sci* 5 (3): 189-194. Dec 1972

077733 69.9 J27
Studies on protein metabolism in higher plants. VII. Degradation mechanism of fraction I protein by a protease increased in tobacco leaves during curing. (Jap) Kawashima, N *Hatano Tobacco Exp Sta Bull* 71: 111-116. Eng. Sum. Mar 1972

077734 69.9 J27
Studies on protein metabolism in higher plants. VIII. Effect of light on incorporation of Carbon 14-leucine into chloroplastic & cytoplasmic proteins by tobacco leaf discs. (Jap) Kawashima, N *Hatano Tobacco Exp Sta Bull* 71: 117-120. Eng. Sum. Mar 1972

077735 69.9 J27
Determination of phosphorus 32 radioacitivity in tobacco plant utilizing Cerenkov effect. (Jap) Yoshida, D *Hatano Tobacco Exp Sta Bull* 71: 121-125. Eng. Sum. Mar 1972

077736 69.9 J27
Differential scanning calorimetries of bright-yellow & Matsukawa tobacco leaves. (Jap) Esaki, S *Hatano Tobacco Exp Sta Bull* 71: 133-136. Eng. Sum. Mar 1972

077737 69.9 J27
Differential scanning calorimetry of nicotine, glucose & distillated water in tobacco leaf. (Jap) Esaki, S *Hatano Tobacco Exp Sta Bull* 71: 137-140. Mar 1972

077738 69.9 J27
Availability of farmyard manure nitrogen to tobacco plant. (Jap) Akiya, T *Hatano Tobacco Exp Sta Bull* 71: 61-69. Eng. Sum. Mar 1972

077739 69.9 J27
Effects of environmental conditions on growth of tobacco plant. I. Effects of temperature on vegetative growth & maturity of tobacco plant. (Jap) Matsuyama, S *Hatano Tobacco Exp Sta Bull* 71: 71-91. Ref. Eng. Sum. Mar 1972

077740 69.9 J27
Effects of environmental conditions on growth of tobacco plant. II. Effects of light intensity, temperature & soil moisture on maturity of tobacco leaves. (Jap) Matsuyama, S *Hatano Tobacco Exp Sta Bull* 71: 93-110. Ref. Eng. Sum. Mar 1972

077741 64.8 H66
Investigation of winter wheat root system considering a possible use of its features for selection of cereals. I. Growth of embryo roots in initial stage of development. (Pol) Szymanska, L *Hodowla Roslin Aklimatyzacja Nasiennictwo* 16 (6): 497-511 ref. Eng. Sum. 1972

077742 64.8 H66
Investigation of winter wheat root system considering a possible use of its features for selection of cereals. II. Growth of embryo roots at diversified mineral nutrition. (Pol) Szymanska, L *Hodowla Roslin Aklimatyzacja Nasiennictwo* 16 (6): 513-538. Ref. Eng. Sum. 1972

077743 64.8 H66
Biochemical studies of heterosis in sugar beets. (Pol) Trzebinski, J *Hodowla Roslin Aklimatyzacja Nasiennictwo* 16 (6): 539-547. Ref. Eng. Sum. 1972

077744 SB191.W5P62
Study of variability of some technological & biochemical properties of wheats of varying origin. (Rus) Guseinov, A G *In Povyshenie Kachestva Zerna Pshenitsy* P. 120-122. 1972

077745 513 IN25B
Proliferation in Cymbopogon & its role in plant propagation. Dutt, A K *Indian Acad Sci Proc Sect B* 77 (5): 181-185. May 1973

077746 22 AG83I
Zinc nutrition of rice in relation to iron & manganese uptake under different water regimes. Gangwar, M S *Indian J Agr Sci* 42 (11): 1032-1035. Nov 1972

077747 22 AG83I
Response of tall varieties of rice & wheat to fertilization as affected by cycocel. Singh, Y P *Indian J Agr Sci* 42 (11): 1054-1056. Nov 1972

077748 22 AG83I
Differential behavior in tillering & heading in oat, barley & wheat. Raghunatha, G *Indian J Agr Sci* 42 (11): 1057-1060. Ref. Nov 1972

077749 22 AG83I
Note on inheritance of sensitivity to BHC [benzene hexachloride] in rice (Oryza sativa L.). Nanda, J S *Indian J Agr Sci* 42 (11): 1061-1062. Nov 1972

077750 22 AG83I
Effect of some soil insecticides on germination, dry weight & nodulation in Trifolium alexandrinum Jeslen. [Egyptian clover, insect pest control]. Gawaad, A A A *Indian J Agr Sci* 42 (11): 969-974. Nov 1972

077751 22 AG83I
Germinationand growth-inhibitors in relation to non-viability of rice seeds. Datta, A K *Indian J Agr Sci* 42 (11): 984-990. Ref. Nov 1972

077752 QP501.I48
Changes in amino acid composition of proteins in developing wheat embryo during seed germination. Yadav, S P *Indian J Biochem Biophys* 9 (4): 350-351. Dec 1972

077753 56.9 IN2
Effect of bulk density & aggregate size on wheat growth. [Soil structure]. Jaggi, I K *Indian Soc Soil Sci J* 20 (4): 421-423. Dec 1972

077754 381 IN25
Production of brassins from rape pollen. A convenient preparatory method. [Brassica napus]. Mandava, N *Indus Eng Chem Prod Res Develop* 12 (2): 138-139. June 1973

077755 64.9 IN7
Investigations on after effect of chlorocholine chloride (CCC) on growth, development & productivity of winter & spring cereals winter whea (Pol) Ruszkowski, M *Inst Uprawy Nawozenia Glebozn Pamiet Pulawski* 54: 51-62. Eng. Sum. 1972

077756 64.9 IN7
Investigations on after effect of chlorocholine chloride (CCC) on growth, development & productivity of winter & spring cereals spring barley. (Pol) Ruszkowska, B *Inst Uprawy Nawozenia Glebozn Pamiet Pulawski* 54: 63-74. Ref. Eng. Sum. 1972

077757 64.9 IN7
Influence of fertilizing & sowing rate on yield of tetraploidal rye under various environmental conditions. (Pol) Mazurek, J *Inst Uprawy Nawozenia Glebozn Pamiet Pulawski* 54: 75-94. Ref. Eng. Sum. 1972

077758 475 IS7
Comparative investigations between effect of indoleacetic acid & kinetin on cell wall ribonucleic acid metabolism & pectinase activity. [Avena]. (Tur) Onder, N *Istanbul Univ Fen Fak Mecmuasi* 37 (3/4): 189-204. Ref. Eng. Sum. 1972

077759 381 J8223
Uptake snd translocation of guthion by beans & barley. Al-Adil, K *J Agr Food Chem* 21 (3): 376-379. Ref. May/June 1973

077760 381 J8223
Comparison of carbonyl compounds in roasted & nonroasted spanish & runner peanuts. Brown, D F *J Agr Food Chem* 21 (3): 463-467. Ref. May/June 1973

077761 381 J8223
Effects of heat in situ on electrophoretic patterns of reserve proteins & enzymes in dormant peanuts (Arachis hypogaea L.). Thomas, D L *J Agr Food Chem* 21 (3): 479-482. Ref. May/June 1973

077762 410 J828
Effects of density & timing of removal on interference between barley white mustard & wild oats. Haizel, K A *J Appl Ecol* 10 (1): 23-31. Apr 1973

077763 410 J828
Light interception, photosynthetic activity, & crop growth rate in canopies of six temperate forage grasses. Sheehy, J E *J Appl Ecol* 10 (1): 239-250. Ref. Apr 1973

077764 410 J828
Physiological differences among populations of Anthoxanthum odoratum L. collected from Park Grass Experiment, Rothamsted. I. Response to calcium. Davies, M S *J Appl Ecol* 10 (1): 33-45. Ref. Apr 1973

077765 410 J828
Physiological differences among populations of Anthoxanthum bodoratum L. collected from Park Grass Experiment, Rothamsted. II. Response to aluminium. Davies, M S *J Appl Ecol* 10 (1): 47-55. Ref. Apr 1973

077766 410 J828
Effect of temperature on growth of S.170 tall fescue (Festuca arundinacea). II. Independent variation of day & night temperatures. Robson, M J *J Appl Ecol* 10 (1): 93-105. Ref. Apr 1973

077767 381 J824
Cyanide-insensitive repsiration. II. Control of alternate pathway. [Mung beans]. Bahr, J T *J Biol Chem* 248 (10): 3446-3450. Ref. May 25, 1973

077768 QH301.J6
Effect of anaerobiosis on respiratory rate, cytochrome oxidase activity & mitochondrial structures in coleoptiles of rice (Oryza sativa L.). Opik, H *J Cell Sci* 12 (3): 725-739. Ref. May 1973

077769 QH540.J6
Effects of herbicides on soybean seed constituents. Stoller, E W *J Environ Qual* 2 (2): 241-244. Ref. Apr/June 1973

077770 QH540.J6
Uptake & distribution of carbofuran & its metabolites in field-grown corn plants. Turner, B C *J Environ Qual* 2 (2): 245-247. Apr/June 1973

077771 QH540.J6
Effects of treated municipal wastewater on oat forage & grain. Day, A D *J Environ Qual* 2 (2): 282-284. Apr/June 1973

077772 QH540.J6
Distribution of cadmium & zinc/cadmium ratios in crops from 19 states east of Rocky Mountains. [Wheat, perennial grasses]. Huffmann, E W D *J Environ Qual* 2 (2): 289-291. Map. Ref. Apr/June 1973

077773 60.18 J82
Germination of range plant seeds after long periods of uncontrolled storage. Hull, A C *J Range Manage* 26 (3): 198-200. May 1973

077774 60.18 J82
Growth & survival of perennial tropical grasses in north Georgia. Beaty, E R *J Range Manage* 26 (3): 204. Ref. May 1973

077775 60.18 J82
Effect of plant moisture stress on carbohydrate & nitrogen content of bit sagebrush. [Artemisia tridentata]. Dina, S J *J Range Manage* 26 (3): 207-209. Ref. May 1973

077776 60.18 J82
Efficiency of water use & associated characteristics of Lehmann lovegrass. [Eragrostis lehmanniana]. Wright, L N *J Range Manage* 26 (3): 210-212. May 1973

077777 60.18 J82
Prairie sandreed (Calamovilfa longifolia): water infiltration & use. Aase, J K *J Range Manage* 26 (3): 212-214. May 1973

077778 60.18 J82
Response of Lehmann lovegrass to time of fertilizer application. [Eragrostis lehmanniana]. Billy, B *J Range Manage* 26 (3): 222-224. May 1973

077779 60.18 J82
Stoloniferous blue grama. [Bouteloua gracilis]. Stubbendieck, J *J Range Manage* 26 (3): 230-231. May 1973

077780 60.18 J82
Seed size affects germination of true mountainmahogany. [Cercocarpus montanus]. Piatt, J R *J Range Manage* 26 (3): 231-232. Ref. May 1973

077781 56.8 J27
Glutamate dehydrogenase in higher plants. 4. Glutamate dehydrogenase acitvity in turnip & rice plants grown under various cultural conditions. (Jap) Saigusa, M *J Sci Soil Manure, Jap* 44 (1): 18-22. Ref. Jan 1973

077782 56.8 J27
Nutrient supplying capacity of soils. 1. Effect of nutrient & water absorption by rice plants on nutrient release in soils. (Jap) Okajima, H *J Sci Soil Manure, Jap* 44 (1): 23-31. Ref. Jan 1973

077783 56.8 J27
Pattern of nutrient absorption of rice plant transplanted as younger seedlings. (Jap) Shoji, S *J Sci Soil Manure, Jap* 44 (1): 39-40. Jan 1973

077784 56.8 J27
Studies on behavior of boron in soil-crop systems. 2. Absorption of boron by plants from soil. [Rice]. (Jap) Tanaka, H *J Sci Soil Manure, Jap* 44 (2): 59-62. Feb 1973

077785 56.8 J27
Studies on physiological effect of humic acid. 1. Absorption & translocation of iron chelate of nitrohumic acid by soybean plants. (Jap) Takenaga, H *J Sci Soil Manure, Jap* 44 (3): 101-106. Ref. Mar 1973

077786 56.8 J27
Calcium effect on absorption of monovalent cations by plant roots. 6. effect of calcium on absorption & translocation monovalent cations by plants in relation to salt injury. 1. Corn & bean plants. (Jap) Kawasaki, T *J Sci Soil Manure, Jap* 44 (3): 89-96. Ref. Mar 1973

077787 56.8 J27
Nodule formation on excised leguminous roots as affected by rhizobial production of indoleacetic acid & root characteristics. (Jap) Yoshida, S *J Sci Soil Manure, Jap* 44 (3): 97-100. Mar 1973

077788 60.9 J27
Influence of difference of growth pattern on dry matter production in orchard grass sward. [Dactylis]. (Jap) Mitamura, T *Jap Soc Grassland Sci J* 18 (3): 152-160. Ref. Eng. Sum. Oct 1972

077789 60.9 J27
Physiological studies on available carbohydrates in grasses, i. Changes in sugar & fructosan composition of orchard grass with cutting. [Dactylis]. (Jap) Sugawara, K *Jap Soc Grassland Sci J* 18 (3): 202-208. Ref. Eng. Sum. Oct 1972

077790 60.9 J27
Mineral mutrition characteristics of warm-season grasses. I. Specific differences among several warmseason grasses in variations of N, P & K content during growth period [Nitrogen, phosphorus, potassium] (Jap) Ando, T *Jap Soc Grassland Sci J* 18 (4): 215-225. Ref. Eng. Sum. Dec 1972

077791 60.9 J27
Mineral nutrition characteristics of warn-season grasses. II. Specific differences of several warm-season grasses in content of Na, Ca, Mg, Fe, Mn & Zn in their variations during growth period. [Sodium, (Jap) Ando, T *Jap Soc Grassland Sci J* 18 (4): 226-235. Ref. Eng. Sum. Dec 1972

077792 60.9 J27
Dry matter production of forage plants. V. Examination of the equations for calculating the amount of dry matter production. (Jap) Kubota, F *Jap Soc Grassland Sci J* 18 (4): 277-282. Eng. Sum. Dec 1972

077793 60.9 J27
Dry matter production of forage plants. VI. Examination of chamber method for measurement of photosynthesis in forage plant population. [Lolium perenne]. (Jap) Agata, W *Jap Soc Grassland Sci J* 18 (4): 283-291. Ref. Eng. Sum. Dec 1972

077794 60.9 J27
Dry matter production of forage plants. VII. Examination of adaptation & methods of application of equations for calculating amount of dry matter production. [Dactylis]. (Jap) Kubota, F *Jap Soc Grassland Sci J* 18 (4): 292-298. Dec 1972

077795 60.9 J27
Mineral nutrition of alfalfa. 7. Harada, I *Jap Soc Grassland Sci J* 18 (4): 329-345. Dec 1972

077796 66.9 J27
Studies on selection efficiency for root weight & sugar contents effected by growing environments in sugar beets. (Jap) Hasegawa, S *Jap Sugar Beet Impr Found Bull Sugar Beet Res* 15, 108 P. Ref. Eng. Sum. Feb 1973

077797 385 K524
Effectiveness of pre-planting enrichment of sugar beet seeds with micronutrients. (Rus) Mazepin, K G *Khim Sel'skom Khoz* 11 (3): 17-19. 1973

077798 49.9 K85W
Dependence of chemical composition of pastures on nitrogen fertilization level exemplified by Dactylis glomerata, Festuca pratensis & Poa pratensis. (Pol) Michna, G *Krakow Inst Zootech Wydawnictwa Wlasne* 271, 78 P. Ref. Eng. Sum. 1972

077799 QP981.T6K4
A study of teratogenic capability of tobacco (Nicotiana tabacum) & those chemicals commonly applied to growing plant. [Swine, rabbits]. Crowe, M W *Ky Univ Tob Health Res Inst Conf Rep* 3: 256-266. 1972

077800 QP981.T6K4
Regulation of tobacco plant constituents. Bush, L P *Ky Univ Tob Health Res Inst Conf Rep* 3: 313-324. 1972

077801 QP981.T6K4
Determination of herbicides in tobacco & their influence on various constituents of tobacco. Thompson, L *Ky Univ Tob Health Res Inst Conf Rep* 3: 333-334. 1972

077802 QP981.T6K4
A study of teratogenic capability of tobacco (Nicotiana tabacum) & those chemicals commonly applied to growing plant. [Swine]. Crowe, M W *Ky Univ Tob Health Res Inst Conf Rep* 4: 198-202. 1973

077803 QP981.T6K4
Tobacco & health related research involving breeding, transfer & biosynthesis of phytosterols in tobacco. Davis, D L *Ky Univ Tob Health Res Inst Conf Rep* 4: 673-678. Ref. 1973

077804 QP981.T6K4
Influence of cultural & environmental factors on tobacco leaf constituents. Grunwald, C *Ky Univ Tob Health Res Inst Conf Rep* 4: 679-705. 1973

077805 QP981.T6K4
Determine effect of genetical background & nitrogen nutrition on polyphenols & carbohydrates composition of tobacco plants. Sheen, S J *Ky Univ Tob Health Res Inst Conf Rep* 4: 706-716. Ref. 1973

077806 QP981.T6K4
Investigation on production of 14C [carbon]-chlorogenic acid & 14C-brown pigments in facilitating tobacco & health research. Sheen, S J *Ky Univ Tob Health Res Inst Conf Rep* 4: 717-731. Ref. 1973

077807 QP981.T6K4
Regulation of nitrogenous constituents of tobacco & tobacco smoke. Sims, J L *Ky Univ Tob Health Res Inst Conf Rep* 4: 732-741. Ref. 1973

077808 QP981.T6K4
Influence of cultural practice, environment & genetics on volatile nitrogenous bases in tobacco. Bush, L P *Ky Univ Tob Health Res Inst Conf Rep* 4: 742-752. 1973

077809 QP981.T6K4
Variation of chloride & nitrate in leaf & their influence on yield, grade, & chemical composition of burley tobacco. Fuqua, B *Ky Univ Tob Health Res Inst Conf Rep* 4: 753-760. Ref. 1973

077810 QP981.T6K4
Effect of application methods on maleic hydrazide residue on burley tobacco. Davis, D L *Ky Univ Tob Health Res Inst Conf Rep* 4: 761-767. Ref. 1973

077811 S583.L32
A statistical comparison between measured evapotranspiration & meteorological formulae & elements. [Stenotaphrum secundatum]. (Afr) Du Pisani, A L *Landbouwet S-Afr Agric Sci S Afr Agrochemophys* 4 (3): 63-68. Ref. Eng. Sum. 1972

077812 SB13.L32
Differences in chloride content of fluecured tobacco cultivars (Nicotiana tabacum L.). Lampricht, M P *Landbouwet S-Afr Agric Sci S Afr Agroplantae* 4 (4): 69-72. 1972

077813 SB599.L35
Effect of yeast extract concentration in media on strains of Rhizobium meliloti. [Alfalfa, inoculation]. Staphorst, J L *Landbouwet S-Afr Agric Sci S Afr Phytophylactica* 4 (2): 29-32. 1972

077814 SB599.L35
Information on mode of entry of a bacterial contaminant into nodules of some leguminous plants. [Rhizobium, Agrobacterium, cowpeas, inoculation]. Jansen Van Rensberg, H *Landbouwet S-Afr Agric Sci S Afr Phytophylactica* 4 (3): 73-78. 1972

077815 SB599.L35
Information on mode of entry of a bacterial contaminant into nodules of some leguminous plants. [Rhizobium, Agrobacterium, cowpeas, inoculation]. Jensen van Rensburg, H *Landbouwet S-Afr Agric Sci S Afr Phytophylactica* 4 (3): 73-78. 1972

077816 SB599.L35
Some observations on bacterioids in nodules of Arachis spp. & isolation of Rhizobia from these nodules. [Peanuts, inoculation, Rhizobium]. Staphorst, J L *Landbouwet S-Afr Agric Sci S Afr Phytophylactica* 4 (3): 87-91. 1972

077817 SB599.L35
Use of fluorescent antibody technique to detect a bacterial contaminant in nodule squashes of leguminous plants. [Rhizobium, inoculation]. Van Der Merwe, S P *Landbouwet S-Afr Agric Sci S Afr Phytophylactica* 4 (3): 97-99. 1972

077818 SB599.L35
Use of fluorescent antibody technique to detect a bacterial contaminant in nodule squashes of leguminous plants. [Inoculation, Rhizobium]. Vander Merwe, S P *Landbouwet S-Afr Agric Sci S Afr Phytophylactica* 4 (3): 97-99. 1972

077819 9.2 L39
Use of growth inhibitors in wheat culture. (Por) Lopes, N F *Lavoura* 76 (1): 26-27. Jan/Feb 1973

077820 410.9 SA2
Physiological & morphological features of soft winter wheat obtained from spring varieties. (Rus) Abramova, Z V *Leningr Obshchest Estestvoispyt Tr* 72 (3): 3-7. Ref. 1972

077821 410.9 SA2
Comparative anatomical study of vegetative organs of certain rye varieties in relation to their varying resistance to lodging. (Rus) Gudkova, G N *Leningr Obshchest Estestvoispyt Tr* 72 (3): 34-42. 1972

077822 QP751.L5
Changes in lipid composition of germinating barley embryo. Holmer, G *Lipids* 8 (5): 277-283. Ref. May 1973

077823 QP751.L5
Changes in structure of triglycerides from maturing kernels of corn. Weber, E J *Lipids* 8 (5): 295-302. Ref. May 1973

077824 22 M262
Effect of forms & levels of fertilizer nitrogen on quality of certain high yielding paddy varieties. [Rice]. Muthuswamy, P *Madras Agr J* 60 (1): 12-16. Jan 1973

077825 22 M262
Possible role of germination inhibitors on dormancy in rice. Karivaratharaju, T V *Madras Agr J* 60 (1): 6-11. Jan 1973

077826 451 M854
Joint action of temperature & light on seed germination of certain meadow grasses. (Rus) Vainagii, I V *Moscow Gl Bot Sad Byul* 87: 104-108. Ref. 1973

077827 451 M854
Experimental culture of Lathyrus sylvestris. [Plant introduction, forage plants]. (Rus) Kholdeeva, A E *Moscow Gl Bot Sad Byul* 87: 59-60. 1973

077828 451 M854
Effect of gibberellin on certain physiological features of sunflowers. (Rus) Tarvis, L V *Moscow Gl Bot Sad Byul* 87: 76-79. 1973

077829 451 M854
Effect of succinic acid on amount of nitrogenous substances in spring wheat. (Rus) Kirillova, G A *Moscow Gl Bot Sad Byul* 87: 79-82. 1973

077830 S19.M9
Preliminary studies on effect of soil application of chlorinated insecticides on amino acid makeup of wheat (Triticum vulgare). Thakre, D S K *Mysore J Agr Sci* 6 (4): 466-470. 1972

077831 442.8 N22
Effect of winter crop state on amount of phosphorus & nitrogen compounds in buds of wheat caryopsis. (Rus) Koksharova, T A *Nauch Dokl Vyssh Shk, Biol Nauk* 3: 113-116. 1973

077832 442.8 N22
Study of photochemical activity of chloroplasts relative to fluorescence of chlorophyll in a number of farm crops. [Field crops]. (Rus) Litvinenko, L G *Nauch Dokl Vyssh Shk, Biol Nauk* 3: 80-83. Ref. 1973

077833 77.8 OL2
Uptake & translocation of nutrients in groundnut (Arachis hypogaea L.). I. Calcium. Chahal, R S *Oleagineux* 28 (4): 181-184. Ref. Apr 1973

077834 8 P832J
Studies on roles of boron in growth & sugar-transport processes of sugarcane. (Jap) Montalvo-Zapata, R *P R Univ J Agr* 57 (1): 9-23. Ref. Jan 1973

077835 450 P564
Relationship between chlorophyllide accumulation, amount of protochlorophyllide 636 & protochlorophyllide 650 in dark grown wheat leaves treated with delta-aminolevulinic acid. Sundqvist, C *Physiol Plant* 28 (3): 364-470. Ref. 1973

077836 450 P564
Ozone induced carbon dioxide evolution in tobacco callus cultures. Anderson, W C *Physiol Plant* 28 (3): 419-423. Ref. 1973

077837 450 P564
Effect of preparation method on induction of (sodium potassium)-activated adenosine triphosphatase from sugar beet root & its lipid composition. Hansson, G *Physiol Plant* 28 (3): 430-435. Ref. 1973

077838 450 P564
Effect of magnesium & calcium ions on adenosine triphosphatases from wheat & oat roots at different pH. [Hydrogen-ion concentration]. Kylin, A *Physiol Plant* 28 (3): 452-457. Ref. 1973

077839 450 P564
Short-& long-term effects of high temperatures (47-49 degrees C) on tobacco leaves. II. 02 [dioxide] uptake & amylolytic activity. Itai, C *Physiol Plant* 28 (3): 490-492. 1973

077840 450 P564
Shortand long-term effects of high temperatures (47-49 degrees C) on tobacco leaves. III. Efflux & 32 P [phosphorus] incorporation into phospholipids. [Phosphorus]. Benzioni, A *Physiol Plant* 28 (3): 493-497. 1973

077841 450 P564
After-effect of wind on photosynthesis & transpiration of Festuca arundinacea. Grace, J *Physiol Plant* 28 (3): 541-547. Ref. 1973

077842 450 P564
Variations in uptake of sodium & rubidium along barley roots. Eshel, A *Physiol Plant* 28 (3): 557-560. Ref. 1973

077843 450 P5623
Gases released from seed coats during imbibition. III. Application to study of hardness of Hedysarum coronarium L. seeds. [Sulla sweetvetch]. (Fre) Come, D *Physiol Veg* 11 (1): 171-177. Eng. Sum. Jan/Mar 1973

077844 450 P5623
Absorption of calcium by horsebean roots (calcicole plant) & by yellow lupine roots (calcifuge plant). (Fre) Salsac, L *Physiol Veg* 11 (1): 95-119. Ref. Eng. Sum. Jan/-Mar 1973

077845 450 P5622
Action spectra for C-glucosylflavone accumulation in Hordeum vulgare plumules. [Barley]. Carlin, R M *Phytochemistry* 12 (5): 1009-1015. Ref. May 1973

077846 450 P5622
Effect of sulphite on phosphoenolpyruvate carboxylase & malate formation in extracts of Zea mays. [Corn]. Ziegler, I *Phytochemistry* 12 (5): 1027-1030. Ref. May 1973

077847 450 P5622
Generation of alpha-amylase in germinating Hordeum distichon. [Barley]. Briggs, D E *Phytochemistry* 12 (5): 1047-1050. Ref. May 1973

077848 450 P5622
Steric course of tyrosine ammonia-lyase reaction. [Corn]. Ellis, B E *Phytochemistry* 12 (5): 1057-1058. May 1973

077849 450 P5622
Galactolipid biosynthesis in Zea mays shoots. [Corn]. Bowden, B N *Phytochemistry* 12 (5): 1059-1064. Ref. May 1973

077850 450 P5622
Lysine-rich proteins in high-lysine Hordeum vulgare grain. [Barley]. Ingversen, J *Phytochemistry* 12 (5): 1107-1111. Ref. May 1973

077851 450 P5622
Structural carbohydrates in arundinoid genus Cortaderia. Bailey, R W *Phytochemistry* 12 (5): 1197-1198. May 1973

077852 450 P692
Nitrate reductase activity & polyribosomal content of corn (Zea mays L.) having low leaf water potentials. Morilla, C A *Plant Physiol* 51 (5): 817-824. Ref. May 1973

077853 450 P692
Vanadium uptake by plants. Absorpitin kinetics & effects of pH [hydrogen ion concentration] metabolic ingubitors, abd other anions & cstions. [Barley]. Welch, R M *Plant Physiol* 51 (5): 828-832. Ref. May 1973

077854 450 P692
Changes in amount of polyphenols & activity of related enzymes during growth of tobacco flower & capsule. Sheen, S J *Plant Physiol* 51 (5): 839-844. Ref. May 1973

077855 450 P692
A role for calcium in auxin transport. [Sunflowers]. Dela Fuente, R K *Plant Physiol* 51 (5): 845-847. Ref. May 1973

077856 450 P692
Rehydration versus growth-induced water uptake in plant tissues. [Cotton]. Molz, F J *Plant Physiol* 51 (5): 859-862. Ref. May 1973

077857 450 P692
Diurnal trends in net photosynthetic rate & carbohydrate levels of soybean leaves. Upmeyer, D J *Plant Physiol* 51 (5): 871-874. Ref. May 1973

077858 450 P692
Characterization of deoxyribonucleic acid species from castorbean endosperm: inability to detect a unique deoxyribonucleic acid species associated with glyoxysomes. Douglass, S A *Plant Physiol* 51 (5): 902-906. Ref. May 1973

077859 450 P692
Purification of oat & rye phytochrome. Rice, H V *Plant Physiol* 51 (5): 917-926. Ref. May 1973

077860 450 P692
Partial characterization of oat & rye phytochrome. Rice, H V *Plant Physiol* 51 (5): 927-938. Ref. May 1973

077861 450 P692
Immunochemistry of phytochrome. [Oats, corn, peas]. Rice, H V *Plant Physiol* 51 (5): 939-945. Ref. May 1973

077862 450 P692
Inhibition of low pH [hydrogen-ion-concentration]-induced elongation in Avena coleoptiles by abscisis acid. [Oats]. Rehm, M M *Plant Physiol* 51 (5): 946-948. May 1973

077863 450 P692
Ethylene, a regulator of young fruit abscission. [Cotton]. Lipe, J A *Plant Physiol* 51 (5): 949-953. Ref. May 1973

077864 450 P692
Hexokinase from maize endosperm & scutellum. Cox, E L *Plant Physiol* 51 (5): 960-966. Ref. May 1973

077865 450 P692
Enzymic mechanism of starch breakdown in germinating rice seeds. IV. De novo synthesis of sucrose 6-phosphate synthetase in scutellum. Nomura, T *Plant Physiol* 51 (5): 979-981. Ref. May 1973

077866 450 P692
Thymidine-phosphorylating activity in gamma-plantlets: separation of onset of activity from deoxyribonucleic acid synthesis. [Wheat]. Schwarz, O J *Plant Physiol* 51 (5): 984-986. Ref. May 1973

077867 450 P692
Effect of salinity on time course of wheat seedling growth. Fogle, V W *Plant Physiol* 51 (5): 987-988. May 1973

077868 QK1.P5
Osmotic shock triggers an increase in ribonuclease level in protoplasts isolated from tobacco leaves. Lazar, G *Plant Sci Lett* 1 (2): 53-57. Ref. Feb 1973

077869 QK1.P5
Purification of photoreversible phytochrome from Avena seedlings by isoelectric focusing. [Oats]. Balange, A P *Plant Sci Lett* 1 (2): 59-64. Ref. Feb 1973

077870 QK1.P5
Purification & properties of malate synthetase from maize scutella. Servettaz, O *Plant Sci Lett* 1 (2): 71-80. Ref. Feb 1973

077871 QK1.P5
Characteristics of enzymatic binding of phenylalanyl-tRNA to wheat embryo ribosomes. Lanznai, G A *Plant Sci Lett* 1 (3): 89-93. Ref. Mar 1973

077872 QK1.P5
Georeaction of decapped roots. [Corn]. Pilet, P E *Plant Sci Lett* 1 (4): 137-140. Ref. Apr 1973

077873 QK1.P5
Phytochrome distribution in Avena seedlings measured by scanning a single seedling. [Oats]. Kondo, N *Plant Sci Lett* 1 (4): 165-168. Ref. Apr 1973

077874 QK1.P5
Separation & characteristics of isoenzymes of wheat germ acid phosphatase. Foster, D M *Plant Sci Lett* 1 (4): 169-177. Ref. Apr 1973

077875 QK1.P5
Effect of levulinic acid on biosynthesis of porphyrins in Nicotiana tabacum L. [Tobacco]. Shieh, J J *Plant Sci Lett* 1 (5): 207-211. Ref. May 1973

077876 QK1.P5
Photosynthetic carbon monoxide metabolixm by sugarcane leaves. Kortschak, H P *Plant Sci Lett* 1 (5): 213-216. May 1973

077877 450 P693
Effect of poly-L-ornithine on isolated tobacco mesophyll protoplasts: evidence against stimulated pinocytosis. Burgess, J *Planta* 111 (3): 199-208. Ref. 1973

077878 450 P693
Beta-glucanases & non-cellulosic glucans in developing oat plant. Buchala, A J *Planta* 111 (3): 245-252. Ref. 1973

077879 450 P693
In vitro germination & pollen tube growth of maize (Zea mays L.) pollen. VIII. Storage temperature & pollen source effects. Pfahler, P L *Planta* 111 (3): 253-259. Ref. 1973

077880 450 P693
Growth inhibitor from root cap of Zea mays. [Corn]. Pilet, P E *Planta* 111 (3): 275-278. 1973

077881 450 P693
Polar auxin transport & auxin-induced elongation in absence of cytoplasmic streaming. [Oats, maize]. Cande, W Z *Planta* 111 (4): 279-296. Ref. 1973

077882 450 P693
Intracellular localization of active process in polar transport of auxin. [Maize]. Goldsmith, M H M *Planta* 111 (4): 297-314. Ref. 1973

077883 450 P693
Influence of gibberellic & abscisic acids & growth retardant, CCC [(2-chloroethyl)-trimethylammonium chloride] upon plastid development. [Cats, wheat]. Wellburn, A M *Planta* 111 (4): 337-346. Ref. 1973

077884 450 P693
Regulation of pentosan biosynthesis in barley aleurone tissue by gibberellic acid. Johnson, K D *Planta* 111 (4): 353-364. Ref. 1973

077885 450 P693
Activity of asymmetric isomers of abscisic acid in a rapid bioassay. [Barley]. Cummins, W R *Planta* 111 (4): 365-369. 1973

077886 304.9 P87
Effect of anticipated Phosphorus & Potassium fertilizing on course of nutrient uptake, growth & development of flax plant. (Pol) Tumalewicz, W *Poznan Inst Przemyslu Wlokien Lykowych Prace* 19: 7-19. Eng. Sum. 1972

077887 S13.P72
Effect of gradually increased rates of ammonium carbonate on maize, spring barley & pea at initial stage of growth under aseptic conditions. (Cze) Matula, J *Prague Vys Sk Zemed Fak Agron Sb Rada A Rostl Vyroba* 1: 103-113. Ref. Eng. Sum. 1973

077888 S13.P72
Changes in some quantitative characters in barley after a combined effect of gamma radiation & Ethyl methanesulfonate on seeds. (Cze) Habetinek, J *Prague Vys Sk Zemed Fak Agron Sb Rada A Rostl Vyroba* 1: 133-148. Ref. Eng. Sum. 1973

077889 S13.P72
Contribution to recognition of genotype of fatty acid content in Brassica arvensis seed oil. (Cze) Bechyne, M *Prague Vys Sk Zemed Fak Agron Sb Rada A Rostl Vyroba* 1: 161-167. Ref. Eng. Sum. 1973

077890 S13.P72
Effect of application of 2-chloroethyl)-trimethylammonium chloride on growth development & winterization in winter rape Trebicska. (Cze) Fabry, A *Prague Vys Sk Zemed Fak Agron Sb Rada A Rostl Vyroba* 1: 169-184. Ref. Eng. Sum. 1973

077891 S13.P72
Some biological characteristics of broadbeans (Faba vulgaris Moench).i. Effect of low temperatures on speed of emergence & flowering & morphogenetic effect. (Cze) Fuciman, L *Prague Vys Sk Zemed Fak Agron Sb Rada A Rostl Vyroba* 1: 185-199. 1973

077892 21 R862
Growing conditions of grain soybeans & its prospects in Dolj District. (Rum) Glavan, C *Probl Agr (bucharest)* 24 (12): 53-58. 1972

077893 21 R862
Influence of fertilizers on yield in wheat growing. (Rum) Hulpoi, N *Probl Agr (bucharest)* 25 (1): 64-72. Neg. Sum. 1973

077894 S19.P7
Better cotton harvests with growth regulators. Singh, S *Progr Farming* 9 (9): 9-10. May 1973

077895 442.8 P94
Rapid water uptake & structural changes in imbibing seed tissues. [Barley, sunflower, pea]. Buttrose, M S *Protoplasma* 77 (1): 111-122. Ref. 1973

077896 QD415.A1P3
Enzumic mechanism of starch biosynthesis in developing rice seeds. Akazawa, T *PAABS (panan Assoc Biochem Soc Symp)* 2: 305-311. Ref. 1972

077897 QD415.A1P3
Beta-glucan sybthesis by Lolium multiflorum endosperm preparations. Smith, M M *PAABS (panan Assoc Biochem Soc Symp)* 2: 395-397. 1972

077898 QD415.A1P3
Gibberellic acid & alpha-amylase induction in germinating cereal seeds. Akazawa, T *PAABS (panan Assoc Biochem Soc Symp)* 2: 449-458. Ref. 1972

077899 64.8 R18
Lucerne development as affected by surplus soil moisture. (Bul) Kolev, D P V *Rastenievud Nauk* 10 (1): 107-118. Ref. Eng. Sum. 1973

077900 64.8 R18
Changes in optical properties of maize leaves at chloroplasts deformation. (Bul) Kalucheva, I *Rastenievud Nauk* 10 (1): 3-10. Ref. Eng. Sum. 1973

077901 24 R3472
Effect of aluminium & manganese on fluecured tobacco seedlings. Ryding, W W *Rhodesia Zambia Malawi J Agr Res* 11 (1): 41-50. Ref. 1973

077902 20.5 R59 SER. F
Differentaion of nitrate concentration in some species & varieties of grasses under influence of nitrogen fertilization. (Pol) Falkowski, M *Rocz Nauk Roln Ser F Melior Uzytkow Zielonych* 78 (2): 17-25. Ref. Eng. Sum. 1973

077903 20.5 R59 SER. F
Relationship between nitrogen fertilization & chlorophyll (a b) content in pasture grasses. (Pol) Falkowski, M *Rocz Nauk Roln Ser F Melior Uzytkow Zielonych* 78 (2): 7-16. Eng. Sum. 1973

077904 64.9 C33
Concentration of phosphorus in seed of winter wheat in relation to its biological value. (Cze) Hrdlicka, J *Rostlinna Vyroba* 19 (1): 69-73. Eng. Sum. Jan 1973

077905 64.9 C33
Gibberellin level in some wheat, rye & barley varieties after an application of CCC. [(2-chlorethyl) trimethylamonium chloride]. (Cze) Kotrcova, M *Rostlinna Vyroba* 19 (1): 97-106. Ref. Eng. Sum. Jan 1973

077906 420 SO12
Trial of corn borer Ostrinia nubilalis Hb./ trap working on principle of sexual attraction. (Hun) Vojnits, A *Rovartani Kozlemenyek* 25 (33): 495-497. Eng. Sum. 1972

077907 SB123.A2S4
Height of attachment of lower beans of soy plant. (Rus) Shevchenko, N S *Selek Semenovod (kiev)* 22: 21-24. 1972

077908 SB123.A2S4
Protein metabolism in seeds in heterotic corn hybrids. (Rus) Aseeva, I B *Selek Semenovod (kiev)* 22: 5157. Ref. 1972

077909 SB123.A2S4
On quality of buckwheat seeds. (Rus) Alekseeva, E S *Selek Semenovod (kiev)* 22: 75-82. 1972

077910 SB123.A2S4
Effect of planting methods & ripening phases on yield & quality of fiber-flax seeds of Tomskii-10 variety. (Rus) Fomenko, L D *Selek Semenovod (kiev)* 22: 89-92. 1972

077911 61.9 SE5
A new method of evaluating winterhardiness of varieties. [Wheat]. (Rus) Medinets, V D *Selek Semenovod (moscow)* 2: 42-45. Mar/Apr 1973

077912 56.8 SO3
Influence of soil salinity upon fruiting & shedding, boll characteristics, fiber quality, & yields of two cotton species. Longenecker, D E *Soil Sci* 115 (4): 294-302. Ref. Apr 1973

077913 QH431.A1G43
Influence of genotype & conditions of growth on some indices of structure on yield of spring wheat. Mamonov, L K *Sov Genet* 6 (9): 1149-1152. Sept 1970 Transl. May 1973

077914 506 SP132
Composition of alfalfa (Medicago sativa L.) along explotation cycle. (Spa) Montanes, L *Spain Cons Super Invest Cient Estac Exp Aula Dei Anales* 11 (3/4): 357-365. Eng. Sum. 1972

077915 506 SP132
Influence of temperature on germination of sugar-beets (Beta vulgaris). (Spa) Silvan, A *Spain Cons Super Invest Cient Estac Exp Aula Dei Anales* 11 (3/4): 366-376. Eng. Sum. 1972

077916 442.9 SP13
Chronological variations of intensity of longitudinal growth in corn & oat plants. (Spa) Andres, J *Spain Inst Biol Apl Publ* 53: 119-139. Ref. Eng. Sum. Dec 1972

077917 QD415.A1S7
Release of sugars from biostructure of wheat seedlings under influence of sodium azide. (Rum) Cornoiu, I *Stud Cercet Biochim* 16 (2): 125-129. Eng. Sum. 1973

077918 QD415.A1S7
Influence of etiolation on amino-acids from biostructure of wheat seedlings. (Rum) Cornoiu, I *Stud Cercet Biochim* 16 (2): 131-134. Eng. Sum. 1973

077919 QD415.A1S7
Influence of some metabolic inhibitors, introduced in maize plantlet leaves, upon some components from vacuolar & plasmatic sap. (Rum) Elefterescu, V *Stud Cercet Biochim* 16 (2): 135-143. Eng. Sum. 1973

077920 QD415.A1S7
Acid phosphatase of maize leaves; chromatographic investigations. (Rum) Popov, D *Stud Cercet Biochim* 16 (2): 185-193. Ref. Eng. Sum. 1973

077921 22.5 AG823
Effect of soil treatment on emergence & growth of weeds & rice. Mao, C P *Taiwan Agr Res J* 21 (4): 221-226. Dec 1972

077922 S631.A82
Physiology of rice plant. Ishizuka, Y *Tech Bull ASPAC Food Fert Technol Cent (asian Pac Counc)* 13: 241-315. Map. Ref. Feb 1973

077923 382 T29
On triterpenes. XXIX. On structure of avenacins. [Oats]. (Ger) Tschesche, R *Tetrahedron* 29 (4): 629-633. Ref. Eng. Sum. Feb 1973

077924 HD9130.1.T6
Effects of contact & systemic sucker control agents applied in button & early flower stages on yield & value of flue-cured tobacco. Collins, W K *Tob Sci* 16: 134-135. 1972

077925 HD9130.1.T6
Growth pattern of Burley 21 tobacco & associated nitrogen & nicotine levels in plant parts. Kroontje, W *Tob Sci* 16: 46-51. 1972

077926 HD9130.1.T6
Flue-crued tobacco yellowed with an ethylene releasing agent prior to harvest. Miles, J D *Tob Sci* 16: 71-74. Ref. 1972

077927 HD9130.1.T6
Sterol content of flue-cured tobacco as influenced by topping & suckering. Cheng, A L S *Tob Sci* 16: 82. 1972

077928 HD9130.1.T6
Effect of chloride level in irrigation water on nutrient content, burning quality, yield, leaf quality & tensile strength of cigar wrapper tobacco. Rhoads, F M *Tob Sci* 16: 89-91. 1972

077929 HD9130.1.T6
Studies on chemical evaluation of tobacco quality. III. Evaluation of tobacco quality from gas chromatographic analysis of particulate phase of cigarette smoke. Sugawara, S *Tob Sci* 16: 95-97. 1972

077930 286.89 T552
Effects of potassium & magnesium at three rates on yield & price of flue-cured tobacco. Hawks, S N *Tobacco (new York)* 175 (11): 55-56. May 25, 1973

077931 330.9 T572
Development of activity of long chain fatty acid synthesis ib castorbean seeds during maturation. Yamada, M *Tokyo Univ Coll Gen Educ Sci Pap* 22 (2): 121-127. Dec 1972

077932 330.9 T572
Biological activities of n-butyl phthalate & its analogous compounds on various bioassays of plant growth regulators. [Rice]. Isogai, Y *Tokyo Univ Coll Gen Educ Sci Pap* 22 (2): 129-135. Dec 1972

077933 11 T58
Value of different grain varieties as a source of protein. (Dan) Eggum, B O *Tolvmandsbladet* 45 (2): 75-79. Feb 1973

077934 11 T58
Influence of nitrogen fertilization on protein content & kernel size of malt barley. (Dan) Poulsen, I *Tolvmandsbladet* 45 (5): 171-174. Apr 1973

077935 451 ER43
On effect of maleic hydrazide on water conditions of sugar beet plants. (Rus) Gezalian, M G *Tr Bot Inst Akad Nauk Arm SSR* 18: 125-127. 1972

077936 451 ER43
On water conditions of dominant grasses in bottom sediment from Lake Sevan. (Rus) Papikian, N A *Tr Bot Inst Akad Nauk Arm SSR* 18: 128-138. Ref. 1972

077937 451 ER43
Effect of root metabolites on photosynthesis & chlorophyll formation in leaves. [Field crops, vegetables]. (Rus) Kazarian, V O *Tr Bot Inst Akad Nauk Arm SSR* 18: 17-23. Ref. 1972

077938 451 ER43
Autoregulation of root growth during early development of corn. (Rus) Gabrielian, G G *Tr Bot Inst Akad Nauk Arm SSR* 18: 24-47. Ref. 1972

077939 451 ER43
On composition & amount of sugars & amino acids in leaves of non-vernalized wheat under various lighting conditions. (Rus) Gevorkian, I A *Tr Bot Inst Akad Nauk Arm SSR* 18: 80-84. 1972

077940 451 IN85
Changes in underground biomass & annual increment in an upland grassland of Sagar. Jain, S K *Trop Ecol* 13 (2): 131-138. Ref. Dec 1972

077941 451 IN85
Effect of some physical factors on seed germination in a herbage grass – Dichanthium annulatum Stapf. Maurya, A N *Trop Ecol* 13 (2): 165-175. Ref. Dec 1972

077942 451 IN85
Community architecture & productivity of wheat crop. Marwah, P *Trop Ecol* 13 (2): 176-182. Ref. Dec 1972

077943 451 IN85
Root activity distribution pattern & phosphate uptake rate of Dichanthium annulatum (Forsk) Stapf., & Crotolaria medicaginea (Lamk) in intraspecific competition. Kothari, A *Trop Ecol* 13 (2): 226-233. Ref. Dec 1972

077944 11 UP62
Residues of diquat in seeds of spring rape after dessication. (Swe) Ohlsson, I *Uppsala Lantbrukshogsk Medd Ser A* 191, 17 P. Ref. Eng. Sum. 1973

077945 TC801.V9
On possibility of growth analysis application in experiments with irrigation regime of crops. [Sugar beets]. (Slo) Zila, L *Ved Pr* 10: 105-120. Eng. Sum. 1973

077946 TC801.V9
Measurement of plant tissues water potential. [Sugar beets]. (Slo) Zila, L *Ved Pr* 10: 95-103. Ref. Eng. Sum. 1973

077947 20 V633
Role of plant organs on formation of yields of barley under various growing conditions.[photosynthesis, respiration]. (Rus) Shatilov, I S *Vestn Sel'skokhoz Nauk (moscow)* 10: 19-29. Ref. Eng. Sum. Oct 1972

077948 20 V633
Study of apical cones of wheat varieties differing in their winter hardiness. (Rus) Avetisova, L V *Vestn Sel'skokhoz Nauk (moscow)* 10: 30-35. Ref. Eng. Sum. Oct 1972

077949 20 V633
Winter hardiness of intervarietal wheat hyybrids in first generation. (Rus) TSvetkov, S M *Vestn Sel'skokhoz Nauk (moscow)* 10: 35-37. Eng. Sum. Oct 1972

077950 20 V633
Determining frost resistance of wheat breeding stock. (Rus) Tsenov, A S *Vestn Sel'skokhoz Nauk (moscow)* 3: 105-108. Ref. Eng. Sum. Mar 1973

077951 20 V633
Winterhardiness of first-generation wheat hybrids in non-Chernozem area. (Rus) Varenitsa, E T *Vestn Sel'skokhoz Nauk (moscow)* 4: 27-33. Eng. Sum. Apr 1973

077952 99.8 M69
Effect of fluorine compounds on dry matter production of buckwheat. (Ger) Horvath, I *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 335-351. Ref. Eng. Sum. 1972

077953 41.9 V83
Biology & productivity of some species of new forage-silage plants in Vitebsk Region. (Rus) Pavlov, V S *Vitebsk Vet Inst Uch Zap* 25: 194-201. 1972

077954 20 AK1
Absorption of potassium & calcium by buckwheat plants relative to frosts with varying temperatures in root area. (Rus) Frolov, I N *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 10: 15-16. Oct 1972

077955 20 AK1
Water system, enzyme activity & frost resistance of winter wheat. (Rus) Kolosha, O I *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 3: 11-14. Ref. Mar 1973

077956 20 AK1
Effect of combined mineral fertilizers and application methods on organogenesis and yield of spring wheat. (Rus) Siaglov, V A *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 3: 17-18. Mar 1973

077957 20 AK1
Certain regulatory mechanisms of cotton adaptation to drought & excess water supply. (Rus) Rakhimov, A R *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 4: 12-14. Ref. Apr 1973

077958 20 AK1
Aftereffects of s,s,s-tributyl phosphorotrithioate & magnesium chlorate on nitrogen metabolism in cotton shoots. (Rus) Imamaliev, A I *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 4: 9-12. Apr 1973

077959 64.9 W26
Technological problems associated with post-harvest dormancy in barley. [Germination, malting]. (Pol) Kowalska, M *Warsaw Inst Hodowli Aklim Rosl Biul* 3/4: 199-202. Ref. Eng. Sum. 1972

077960 292.8 W295
Relation between evapotranspiration rate & maize yield. Hillel, D *Water Resources Res* 9 (3): 743-748 ref. June 1973

077961 79.8 W41
Action of simazine in increasing plant protein content. [Barley]. Pulver, E L *Weed Sci* 21 (3): 233-237. Ref. May 1973

077962 79.8 W41
Interaction of propanil with insecticides absorbed from soil & translocated into rice plants. El-Refai, A R *Weed Sci* 21 (3): 246-248. Ref. May 1973

077963 S605.A1Z4
Studies of Graminaeae roots, a prerequisite to explain sward problems on eutrophic grassland. (Ger) Bracker, H H *Z Kulturtech Flurbereinig* 14 (2): 89-98. Ref. Eng. Sum. Mar/Apr 1973

077964 450 Z32
Effect of boron on synthesis & transformation of lignin-precursors in Zea mays. [Corn]. Acerbo, S *Z Pflanzenphysiol* 69 (4): 306-317. Ref. May 1973

077965 450 Z32
Accumulation, transport & efflux of chlorine, sulfate & potassium in excised roots of corn. (Ger) Migliaccio, F *Z Pflanzenphysiol* 69 (4): 318-328. Eng. Sum. May 1973

077966 450 Z32
Isolation of an endopeptidase from aging tobacco leaves & its role in yellowing process. (Ger) Hochkeppel, H K *Z Pflanzenphysiol* 69 (4): 329-343. Ref. Eng. Sum. May 1973

077967 65.8 D48
Yield, sugar content & alpha-aminonitrogen in surgar beet as reflected in four years of test results. (Ger) Bronner, H *Z Zuckerindus* 23 (4): 183-187. Eng. Sum. Apr 1973

PHYSIOLOGY AND BIOCHEMISTRY OF HORTICULTURAL CROPS

077968 512 W262
The effect of temperatures below 0 degrees C on the sebsequent growth of apple stem callus. Pieniazek, J *Acad Polon Sci Bull Ser Sci Biol* 21 (2): 145-148. 1973

077969 512 W262
Effect of abscisic acid on stratification of apple seeds. Rudnicki, R *Acad Polon Sci Bull Ser Sci Biol* 21 (2): 149-154. 1973

077970 11 AC82
Cracking in cherries. VI. Cracking susceptibility in relation to growth rhythm of fruit. Christensen, J V *Acta Agr Scand* 23 (1): 52-54. 1973

077971 385 AC85
Studies on Orchidaceae alkaloids. XXXIV. absolute configuration of cryptostyline I, II, & III, three l-phenyl-1,2,3,4-tetrahydroisoquinolines from Cryptostylis fulva Schlr. Leander, K *Acta Biochem Pol* 27 (2): 710. 1973

077972 450 AC822
Control of cell shape & rate of cell expansion by ethylene: effects on microfibril orientation & cell wall extensibility in etiolated peas. Ridge, I *Acta Bot Neer* 22 (2): 144-158. Ref. Apr 1973

077973 80 AC82
Biennial bearing in manto – retrospect & prospect. Singh, L B *Acta Hort* 24 : 145-148. Ref. Mar 1972

077974 80 AC82
Studies on physiology of flowering & fruit growth in Mangifera indica L. VI. Hormonal control of fruit development & its possible significance to biennial bearing. [Mangoes]. Chacko, K *Acta Hort* 24: 155-163. Ref. Mar 1972

077975 80 AC82
Flowering & biennial bearing in Mangifera indica L. [Mengoes]. Sen, P K *Acta Hort* 24: 164-169. Mar 1972

077976 80 AC82
Lateral bud growth in Mangifera indica L. in relation to auxin & inhibitor content of shoots & fruits. [Mangoes]. Singh, R *Acta Hort* 24: 175-184. Ref. Mar 1972

077977 80 AC82
Chemical control of growth & flowering in Mangifera indica L. [Mangoes]. Maiti, S C *Acta Hort* 24: 192-195. Ref. Mar 1972

077978 80 AC82
Changes in endogenous growth regulating substances in Mangifera indica L. shoot in relation to growth & development. [Mangoes]. Choudhuri, J M *Acta Hort* 24: 196-205. Ref. Mar 1972

077979 80 AC82
Inhibition of flowering in Mangifera indica L.by gibberellic acid. [Mangoes]. Kachru, R B *Acta Hort* 24: 206-209. Mar 1972

077980 80 AC82
Preliminary studies on growth of shoots & their relation to cropping in Alphonso mango under Vengurla conditions. Phadnis, N A *Acta Hort* 24: 210-213. Mar 1972

077981 80 AC82
Studies on maturity standards for Mangifera indica L. var. 'Bombay Yellos. [Management]. Jauhari, O S *Acta Hort* 24: 271-275. Ref. Mar 1972

077982 80 AC82
Biochemical changes during root formation in Mangifera indica L. air layers. [Mangoes]. Basu, R N *Acta Hort* 24: 64-71. Mar 1972

077983 80 AC82
Studies into effects of forced shoot etiolation & different media on rootage of Mangifera indica L. cuttings. [Mangoes]. Bid, N N *Acta Hort* 24: 77-81. Ref. Mar 1972

077984 13 R32
Germination of pollen from Allium porrum L. in vitro. [Leeks]. (Fre) Bronckers, F *Agricultura (louvain)* 20 (4): 53-58. 1972

077985 4 AM34P
Water stress relations of potato plant under field conditions. Epstein, E *Agron J* 65 (3): 400-404. Ref. May/June 1973

077986 4 AM34P
Phosphate uptake & distribution in bush bean plants as affected by foliar application of naphthenate. Severson, J G *Agron J* 65 (3): 520-521. Ref. May/June 1973

077987 26 AG87
Determination of maturity of grain of corn in Obregon Hybrid & Tunapuy Variety. (Spa) Ramirez, R *Agron Trop (maracay)* 22 (4): 397-403. Eng. Sum. July/Aug 1972

077988 511 P444A
Coumarins in fruits of garden plants. (Rus) Vigorov, L I *Akad Nauk SSsr Dokl* 208 (6): 1484-1486. 1973

077989 450 AM36
Hormone-induced endoreduplication prior to mitosis in cultured pea root cortex cells. Libbenga, K R *Amer J Bot* 60 (4): 293-299. Ref. Apr 1973

077990 506 SP12
Growth & development of strawberry from 'Sierra de Francia'. I. Its stage by end of November. (Spa) Martinez-Carrasco, R *An Edafol Agrobiol* 32 (1/2): 123-134. Ref. Eng. Sum. Jan/Feb 1973

077991 506 SP12
Study about nutrition of banana plants in Canary Isles. II. Interactions among cations. (Spa) Fernandiz Caldas, E *An Edafol Agrobiol* 32 (1/2): 161-169. Eng. Sum. Jan/Feb 1973

077992 450 AN4
Metabolism of indolacetic acid-1-14C [carbon] & phenol-induces auxin effects in various species of Prunus. (Ger) Feucht, W *Angew Bot* 46 (5/6): 295-303. Ref. Eng. Sum. Feb 1973

077993 450 AN4
Quantitative determination of glucosinolates in Brassica seeds. Photometric estimation of total glucosinolates, thiooxazolidones & isothiocyanates in a single test. [Rape, turnips]. (Ger) Lein, K A *Angew Bot* 46 (56): 263-284. Ref. Eng. Sum. Feb 1973

077994 14 F8499
Deficiency in magnesium of 'Golden delicious' apple tree in hydroponic culture. (Fre) Huguet, J G *Ann Agron* 23 (6): 655-671. Ref. Eng. Sum. 1972

077995 442.8 AN72
Early relative growth rates of six lettuce cultivars as affected by temperature. Scaife, M A *Ann Appl Biol* 74 (1): 119-128. Ref. May 1973

077996 442.8 AN72
Effects of soil fumigation on growth of apple & cherry rootstocks on land previously cropped with apples. Jackson, J E *Ann Appl Biol* 74 (1): 99-104. May 1973

077997 381 AR2
Cation-dependent quenching of fluorescence of chlorophyll a in vivo by nitroaromatic compounds. [Spinach]. Papageorgiou, G *Arch Biochem Biophys* 156 (1): 134-142. Ref. May 1973

077998 381 AR2
Sweet corn phosphorylase: Purification & properties. Lee, E Y C *Arch Biochem Biophys* 156 (1): 276-286. Ref. May 1973

077999 381 AR2
Specific inhibition of alkane synthesis with accumulation of very long chain compounds by dithioerythritol, dithiothreitol, & mercaptoethanol in Pisum sativum. [Peas]. Buckner, J S *Arch Biochem Biophys* 156 (1): 34-45. Ref. May 1973

078000 23 AU783
Salt tolerance in wild relatives of cultivated tomato: water balance & abscisic acid in Lycopersicon esculentum & Lycopersicon peruvianum under low & high salinity. Tal, M *Australian J Agr Res* 24 (3): 353-361. Ref. May 1973

078001 23 AU783
Longitudinal distribution of applied calcium, & of naturally occuring calcium, magnesium, & potassium, in Merton apple fruits. Lewis, T L *Australian J Agr Res* 24 (3): 363-371. Ref. May 1973

078002 442.8 AU72
Pretreatment effects on rates of aldrin metabolism in pea plants (Pisum sativum). Earl, J W *Australian J Biol Sci* 26 (2): 341-347. Apr 1973

078003 442.8 B5236
Solubilization & partial characterization of pea RNA polymerases. Sasaki, Y *Biochem Biophys Res Commun* 50 (3): 785-792 ref. Feb 5, 1973

078004 442.8 B5236
Increased template activity in chromatin from cadmium chloride treated pea tissues. Hadwiger, L A *Biochem Biophys Res Commun* 50 (4): 1120-1128. Feb 20, 1973

078005 442.8 B5236
Biosynthesis of alpha-linolenic acid by disrupted spinach chloroplasts. Jacobson, B S *Biochem Biophys Res Commun* 51 (2): 487-493. Mar 19, 1973

078006 382 B52
Ribonucleic acid synthesis in chloroplasts. [Spinach]. Hartley, M R *Biochem J* 134 (1): 249-262. Ref. May 1973

078007 381 B522
Energy level associated with light-triggered Mg2 -[magnesium]-dependent AT-Pase [adenosine triphosphatase] in spinach chloroplasts. Bakker-Grunwald, T *Biochim Biophys Acta* 292 (3): 808-814. Apr 5, 1973

078008 20 ER4
Dynamics of protein & carbohydrate metabolism in organs of tomatoes. (Rus) Tarosova, E O *Biol Zh Arm* 25 (10): 95-99. Ref. Oct 1972

078009 49 R324
Honey use in plant propagation by cuttings. (Por) Silva, R M B da *Bol Indus Anim* (New Ser.) 29 (1): 247-265. Eng. Sum. 1972

078010 450 B651
Overcoming self-incompatibility by cytokinins treatment on Lilium longiflorum. Matsubara, S *Bot Mag Tokyo* 86 (1001): 43-46. Ref. Mar 1973

078011 450 B651
Effect of ultraviolet-light interruption on flowering in Pharbitis seedlings. [Ipomoea nil]. Nakayama, S *Bot Mag Tokyo* 86 (1001): 47-49. Mar 1973

078012 S13.B7
Results of study on effect of extreme conditions on growth & development of kohlrabi (Brassica oleracea var. gongylodes). (Cze) Stambera, J *Brno Acta Univ Agr Fac Agron* 20 (3): 363-369. Ref. 1672

078013 S13.B7
Dependence of growth dynamics & formation of reproductive organs on methods of deheading of cucumbers (Cucumis sativus L.) for hastening growth. (Cze) Kobza, F *Brno Acta Univ Agr Fac Agron* 20 (3): 371-382. Ref. 1972

078014 S13.B7
Determination of minimum leaf surface area as a factor limiting normal development of apricot fruit. (Cze) Vachun, Z *Brno Acta Univ Agr Fac Agron* 20 (3): 395-401. Ref. Eng. Sum. 1972

078015 S13.B7
Development of foliage of grapes depending on various pruning methods of vines. (Cze) Kraus, V *Brno Acta Univ Agr Fac Agron* 20 (3): 403-4119 1972

078016 S13.B7
Study of metabolism composition & respiration intensity in ripening period of apricots. (Cze) Golias, J *Brno Acta Univ Agr Fac Agron* 20 (3): 413-419. Ref. 1972

078017 87 H612
Studies on effects of root temperature & its combination with air temperature on growth & nutrition of vegetable crops. III. Effects of root (Jap) Hori, Y *Bull Hort Res Stn Min Agric Forest, Ser A, Hiratsuka* 11: 103-125. Ref. Eng. Sum. Mar 1972

078018 87 H612
Effects of training & pruning of Japanese pears. III. standard of estimation for optimal range of pruning severity with leaf-shoot ratio, & distribution of weight in aboveground pa (Jap) Kishimoto, O *Bull Hort Res Stn Min Agric Forest, Ser A, Hiratsuka* 11: 15-39. Ref. Eng. Sum. Mar 1972

078019 87 H612
Studies on potassium nutrition of Satsuma mandarin trees. II. Effect of potassium application & fruiting on tree growth, nutrient composition of tree, & fruit quality. (Jap) Hase, Y *Bull Hort Res Stn Min Agric Forest, Ser A, Hiratsuka* 11: 77-102. Ref. Eng. Sum. Mar 1972

078020 470 C16C
Plant adjustment to osmotic stress in balanced mineral-nutrient media. [Beans, tomatoes]. Cooper, A W *Can J Bot* 51 (4): 763-773. Ref. Apr 1973

078021 470 C16C
Is cinnamic acid 4-hydroxylase of potato a light-induced enzyme. Camm, E L *Can J Bot* 51 (4): 824-825. Apr 1973

078022 56.8 C162
Influence of soil moisture tension & amendments on yield, oil, & protein content of target rape grown on gray wooded soils in greenhouse. Nuttall, W F *Can J Soil Sci* 53 (1): 87-93. Ref. Feb 1973

078023 SB52.C4C4
Plant growth & physiology of vegetables as influenced by carbon dioxide environment. (Jap) Ito, T *Chiba Daigaku Engei Gakubu Tokubetsu Kokoku Trans* 7, 134 P. Ref. Eng. Sum. Feb 1973

078024 511 AK147D
Study of dynamics of growth of annual shoots of different varieties of grapes under irrigated & dry-farmed conditions of foothill Karabakh area. (Aze) Magerramov, S G *Dokl Akad Nauk Az SSR* 28 (9/10): 66-69. 1972

078025 290.9 M57
Some new data concerning plastoquinones. [Spinach]. (Hun) Berndorfer-Kraszner, E *Elelmezesi Ipar* 27 (3): 65-69. Eng. Sum. Mar 1973

078026 475 EX7
Structure of nandazurine, from Nandina domestica Thumb. Kunitomo, J *Experientia* 29 (5): 518-519. May 15, 1973

078027 475 EX7
Alkaloids of cranberries. Jankowski, K *Experientia* 29 (5): 519-520. May 15, 1973

078028 475 EX7
Nucleolar behaviour in lemon fruit explants (Citrus limon L.) incubated in stabilized & unstabilized liquid paraffin. Kordan, H A *Experientia* 29 (5): 587-588. Ref. May 15, 1973

078029 HD9016.I4F3
Breaking apical bud dominance in arvi corms (Colocasia esculenta L.) [Dasheen]. Reddy, P R *Farm Fact* 7 (4): 38. Feb 1973

078030 86 N28
Gibberellin spray. [Pears, plant hormones]. (Dut) Wertheim, S J *Fruitteelt* 63 (16): 413. Apr 21, 1973

078031 QD415.F4
An artificial mannosyl acceptor for GDP-D-mannose: lipid phosphate transmannosylase from Phaseolus aureus. [Mungbeans]. Clark, A F *FEbs Lett (fed Eur Biochem Soc)* 32 (1): 84-86. Ref. May 15, 1973

078032 QD415.F4
Effect of phosphorylation on size of proton gradient across chloroplast membranes. [Lettuce]. Pick, U *FEbs Lett (fed Eur Biochem Soc)* 32 (1): 91-94. Ref. May 15, 1973

078033 80 G1948
Results of agronomical studies on winter flowering of greenhouse grown roses. (Ger) Rupprecht, H *Gartenbau* 20 (2): 52-54. Feb 1973

078034 80 G1938
Effect of increasing temperatures on growth of Petunia, Tagetes, Ageratum, & Salvia. (Nor) Walla, I *Gartneryrket* 63 (13): 261-262, 264-265. Mar 30, 1973

078035 S19.G5
Studies of vegetative propagation of lychee (Litchi chinensis Sonn.) with special reference to graftage. Abutiate, W S *Ghana J Agr Sci* 5 (3): 201-211. Ref. Dec 1972

078036 S19.G5
Pollination requirements of winged beans (Psophocarpus spp. Neck) in Ghana. Karikari, S K *Ghana J Agr Sci* 5 (3): 235-239. Ref. Dec 1972

078037 105.1 G344
Effect of forcing temperature & gibberellin A3 on flowering of tulips. Bragt, J van *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 619-622. 1972

078038 10 G79T
Flowering periods of tree & bush fruits. *Great Brit Min Agr Fish Food Tech Bull* 26, 76 P. 1973

078039 80 G833
'ekatin' for disbudding of Chrysanthemums. Parups, E V *Greenhouse Garden Grass* 11 (4): 75-79. Winter 1972

078040 451 P87
Chromatographic examination & quantitative determination of glycosides of herb of convallaria Majalis from different localities. (Pol) Mucharska, A *Herba Pol* 18 (4): 323-329. Ref. Eng. Sum. Dec 1972

078041 64.8 H66
Influence of nitrogen fertilization on mineral constituents & organic acids content of different parts of potato plants. (Pol) Swiniarski, E *Hodowla Roslin Aklimatyzacja Nasiennictwo* 16 (5): 383-401. Ref. Eng. Sum. 1972

078042 SB1.H6
Leaf vs. fruit coverage with atnitranspirants for sizing fruit. [Olives]. Davenport, D C *Hortscience* 8 (2): 98. Apr 1973

078043 275.29 IL62C
An easy method for germinating flower seeds plus seed-storage hints. Fosler, G M *Ill Univ Ext Circ* 1077, 12 P. Mar 1973

078044 SB109.I5
Introduction of species of Rosa. (Rus) Gusarova, L P *In Introduktsiia i Selektsiia Rastenii* P. 80-93. 1972

078045 513 IN25B
Isolation & identification of capsaicin & allied compound in chilli. [Red peppers]. Awasthi, D N *Indian Acad Sci Proc Sect B* 77 (5): 196-201. May 1973

078046 22 IN235
Secondary & micro-nutrients in relation to crops in arid zone of India. II. Effect of spray application of S, Fe, Zn & Mo on growth, post harvest characters & yield of moth beans. (Phaseolus aconitifolius Jacq). [Sulfur, iron, zinc, molybden Jain, G L *Indian J Agron* 17 (4): 271-278. Ref. Dec 1972

078047 56.9 IN2
Utilization of added phosphorus by potato in Ootacamund. Thomas, P K *Indian Soc Soil Sci J* 20 (4): 363-370. Ref. Dec 1972

078048 QK1.I53
Influence of ethephon on cucumber for processing. (Ita) Bianco, V V *Inf Bot Ital* 4 (3): 210-213. Eng. Sum. Sept/Dec 1972

078049 QK1.I53
Effects of bulb vernalization upon advanced flowering & qualities of out-of-doors & tunnel grown tulips. (Ita) Cocozza, M *Inf Bot Ital* 4 (3): 213-214. Eng. Sum. Sept/Dec 1972

078050 QK1.I53
Effects of vernalization on advanced flowering of narcissus ('Narcissus pseudonarcissus' L.). (Ita) Cocozza, M *Inf Bot Ital* 4 (3): 214. Eng. Sum. Sept/-Dec 1972

078051 20 M57AG
Chemical control of fruit production. [Growth regulators]. (Ger) Sagi, F *Int Z Landwirt* 4: 484-487. 1972

078052 381 J824
Cyanide-insensitive respiration. I. steady states of skunk cabbage spadix & bean hypocotyl mitochondria. Bahr, J T *J Biol Chem* 248 (10): 3441-3445. Ref. May 25, 1973

078053 381 J8222
A characterization of nucleoside diphosphatase in onion root tip. Klohs, W D *J Histochem Cytochem* 21 (5): 417-425. Ref. May 1973

078054 80 J825
Competitive effects of three perennial weeds, Cynodon dacty lon (L.) Pers., Cyperus rotundus L. & Sorghum halepense (L.) Pers., on young citrus. Horowitz, M *J Hort Sci* 48 (2): 135-147. Ref. Apr 1973

078055 80 J825
Effects on tulip bulbs of warm storage following low-tempera ture treatment. Rees, A R *J Hort Sci* 48 (2): 149-154. Ref. Apr 1973

078056 80 J825
Effects of duration of propagation period & frequency of auxin treatment on response of plum hardwood cuttings to IBA. [In dolebutyric acid]. Nahlawi, N *J Hort Sci* 48 (2): 169-174. Apr 1973

078057 80 J825
Effects of cytokinins in xylem sap from apple trees on apple shoot growth. Jones, O P *J Hort Sci* 48 (2): 181-188. Ref. Apr 1973

078058 80 J825
Pruning experiments with pears. Preston, A P *J Hort Sci* 48 (2): 195-201. Apr 1973

078059 80 J825
Water, osmotic & pressure potential relationships in apple leaves. Goode, J E *J Hort Sci* 48 (2): 203-215. Ref. Apr 1973

078060 382 SO12
Lipids of potato tubers. 1. Lipid & fatty acid composition of tubers from different varieties of potato. Galliard, T *J Sci Food Agr* 24 (5): 617-622. Ref. May 1973

078061 382 SO12
Lipids of potato tubers. II. Lipid-degrading enzymes in different varieties of potato tuber. Galliard, T *J Sci Food Agr* 24 (5): 623-627. May 1973

078062 56.8 J27
Species characteristics & culture condition as affecting to rhizobial production of IAA [indoleacetic acid, beans]. (Jap) Yoshida, S *J Sci Soil Manure, Jap* 44 (2): 63-66. Feb 1973

078063 SB354.J8
Investigation of fruit physiology at Pomological Institut at Skiernewice (Poland). (Cro) Pieniazek, J *Jugosl Vocarstvo* 6 (19/20): 431-437. Eng. Sum. 1972

078064 SB354.J8
Investigation of growth dynamics & flower bud formation in some important prune cultivars. (Cro) Paunovic, S A *Jugosl Vocarstvo* 6 (19/20): 459-467. Ref. Eng. Sum. 1972

078065 SB354.J8
Effect of moisture & temperature of soil on dynamics of root growth of Prunus cerasifera Rhrh. & cultivar Pozegaca. [Myrobalan plums]. (Cro) Bulatovic, S *Jugosl Vocarstvo* 6 (19/20): 469-482. Ref. Eng. Sum. 1972

078066 SB354.J8
Reaction of apricot & peach trees on application of growth regulators. (Cro) Kapetanovic, N *Jugosl Vocarstvo* 6 (19/20): 483-493. Ref. Eng. Sum. 1972

078067 SB354.J8
Variation in content of nitrogen, phosphorus, potassium in almonds & in kernels & flesh of myrobalan plums of variety Pozegaca. (Cro) Majstorovic, G *Jugosl Vocarstvo* 6 (19/20): 505-515. Ref. 1972

078068 SB354.J8
Dynamics of phosphorus & potassium metabolism in leaves of some more important peach cultivars. (Cro) Mijacika, M *Jugosl Vocarstvo* 6 (19/20): 517-524. Ref. Eng. Sum. 1972

078069 SB354.J8
Effect of training system & cultivar on yield & fruit quality of apples. (Cro) Durdevic, B *Jugosl Vocarstvo* 6 (19/20): 537-544. Eng. Sum. 1972

078070 SB354.J8
Effect of nitrogen, phosphorus & potassium & irrigation on growth, yield & fruit quality of peaches. (Cro) Dimitrovski, T *Jugosl Vocarstvo* 6 (19/20): 599-609. Ref. Eng. Sum. 1972

078071 SB354.J8
Effect of boron & manganese nutrition on structure of peel of Golden Delicious apple. (Cro) Jovanovic, M *Jugosl Vocarstvo* 6 (19/20): 621-627. Ref. Eng. Sum. 1972

078072 SB354.J8
Effect of irrigation on growth & yield of apples. (Cro) Janjic, V *Jugosl Vocarstvo* 6 (19/20): 629-637. Eng. Sum. 1972

078073 SB354.J8
Effect of gibberellic acid & 2, 4, 5-T on fruit size of pozegaca prune cultivar. (Cro) Paunovic, S A *Jugosl Vocarstvo* 6 (19/20): 749-757. Ref. Eng. Sum. 1972

078074 107.6 K995
Antitumour action of an ascorbate oxidase preparation and its interaction with deoxyribonucleic acid. [Pumpkin]. Omura, H *Kyushu Univ Fac Agr J* 17 (2): 187-194. Mar 1973

078075 S583.L32
Effect of water soluble phosphate on utilization of rock phosphate by cabbage & rye plants. Deist, J *Landbouwet S-Afr Agric Sci S Afr Agrochemophys* 4 (4): 99-107. 1972

078076 SB13.L32
Evaluation of different cultivars as cross-pollinators for Washington navel sweet orange. De Lange, J H *Landbouwet S-Afr Agric Sci S Afr Agroplantae* 4 (3): 49-56. Ref. 1972

078077 SB13.L32
Pollination requirements of Ortanique tangor. [Mandarine hybrids]. De Lange, J H *Landbouwet S-Afr Agric Sci S Afr Agroplantae* 4 (4): 87-92. 1972

078078 SB13.L32
Seasonal changes in sorbitol & sugars in Santa Rosa plums. De Villiers, O T *Landbouwet S-Afr Agric Sci S Afr Agroplantae* 4 (4): 93-96. Ref. 1972

078079 450 L62
Amino acids in bleeding sap of grapevine. I. Daily changes in soluble nitrogen complement. (Spa) Trione, S O *Lilloa* 33 (7): 139-147. Ref. Eng. Sum. 1972

078080 450 L62
Amino acids in bleeding sap of grapevine. II. Hourly fluctuations in amino acid composition during a 24 hours cycle. (Spa) Trione, S O *Lilloa* 33 (8): 151-159. Ref. Eng. Sum. 1972

078081 QP751.L5
Dimorphotheca sinuata lipoxygenase: formation of 13-L-hydroperoxy-cis-9, trans-11-octadecadienoic acid from linoleic acid. Gardner, H W *Lipids* 8 (5): 271-276. Ref. May 1973

078082 22 M262
A study on effect of growth substances on chrysanthemum indicum Linn. Shanmugam, A *Madras Agr J* 60 (1): 1-5. Ref. Jan 1973

078083 22 M262
On effect of artificial light periods & growth substances on shoot & root growth of chrysanthemum (Chrysanthemum indicum Linn.) var. White. Shanmugam, A *Madras Agr J* 60 (2): 129-131. Feb 1973

078084 S19.M3
Effect of fertilizer treatments & hehydration on pungency & sulfur content of onions. (Fre) Kichli, A L *Magon (ser Sci)* 43, 15 P. Eng. Sum. Mar 1972

078085 442.8 Z34
Biochemical aspects of colchicine action on meiotic cells. [Lilium speciosum]. Hotta, Y *Mol Gen Genet* 122 (3): 243-260. Ref. 1973

078086 451 M854
Resistance to dehydration of Gladiolus as a trait of drought resistance.[Plant introduction]. (Rus) Grinenko, V V *Moscow Gl Bot Sad Byul* 87-87-93. 1973

078087 451 M854
Some results of introduction of lily species into Khar'kov. (Rus) Vorob'eva, O N *Moscow Gl Bot Sad Byul* 87: 53-58. Ref. 1973

078088 451 M854
Forming & wintering of inflorescence of strawberries. (Rus) Mikhteleva, L A *Moscow Gl Bot Sad Byul* 87: 67-72. 1973

078089 S95.E22
Regional phenological studies with Persian lilac (Syringa persica). Hopp, R J *N Y Food Life Sci Bull* 17, 8 P. Map. Jun 1972

078090 442.8 N22
Growth of calluses on fruit trees grown together & seperately. (Rus) Chernyshova, G F *Nauch Dokl Vyssh Shk, Biol Nauk* 3: 60-64. Ref. 1973

078091 442.8 N22
Anatomic structure, hydration of tomato leaves & their chlorophyllase activity in chloride salinization. (Rus) Sivtsev, M V *Nauch Dokl Vyssh Shk, Biol Nauk* 3: 84-87. Ref. 1973

078092 442.8 N22
Effect of dihydroxybenzenes & N-quinone on germination of radish seeds. (Rus) Stom, D I *Nauch Dokl Vyssh Shk, Biol Nauk* 3: 88-91. Ref. 1973

078093 61.9 N28
Chemical growth regulators for potatoes. (Dut) Bodlaender, K B A *NAK Meded (ned Alg Keuringsdienst Zaaizaad Pootgoed Landb Ouwgewassen)* 29 (3): 37-39. Winter 1972/73

078094 450 P564
Uptake & fractional distribution of differentially labeled in doleacetic acid in light grown stems. [Kidney beans, peas]. Davies, P J *Physiol Plant* 28 (1): 95-100. Ref. 1973

078095 450 P564
Growth, sex expression & yield of squash melon (Citrullus vulgaris var. fistulosus) as influenced by 2(chloroethyl) phosphonic acid, 2,3,5-tri-iodobenzoic acid & (2-chloroethyl) trimethyl-ammonium chloride. Saimbhi, M S *Physiol Plant* 28 (3): 383-387. Ref. 1973

078096 450 P564
Study of proteins in course of seed germination: isolation & analysis of radish histones. (Fre) Grellet, F *Physiol Plant* 28 (3): 405-411. Ref. 1973

078097 450 P564
Effects of abscisic acid on senescence, permeability & ribosomal patterns in mimosa hypocotyl callus tissue. [Albizzia julibrissin]. Brown, G N *Physiol Plant* 28 (3): 412-414. Ref. 1973

078098 450 P564
Endogenous levels of growth regulators & their relationship to rooting of Dahlia cuttings. Biran, I *Physiol Plant* 28 (3): 436-442. Ref. 1973

078099 450 P564
A technique for studying adsorption, absorption & metabolism of amino acids in intact apple stem tissue. Hill-Cottingham, D G *Physiol Plant* 28 (3): 443-446. Ref. 1973

078100 450 P564
Hormonal control of differentiation of shoots, roots & embryos in leaf & stem cultures of Petunia inflata & Petunia hybrida. Rao, P S *Physiol Plant* 28 (3): 458-463. Ref. 1973

078101 450 P564
Occurrence of inverted water potential gradients between soil & bean roots. Taerum, R *Physiol Plant* 28 (3): 471-475. Ref. 1973

078102 450 P564
Rapid changes in abscisic acid-like inhibitors following alterations in vine leaf water potential. [Grapes]. Loveys, B R *Physiol Plant* 28 (3): 476-479. Ref. 1973

078103 450 P564
Diffusible & extractable gibberellins in bean cotyledons in relation to dwarfism. Goto, N *Physiol Plant* 28 (3): 480-489. Ref. 1973

078104 450 P564
Root formation in pea cuttings. I. Effects of decapitation & disbudding at different developmental stages. Eriksen, E N *Physiol Plant* 28 (3): 503-506. 1973

078105 450 P564
Effects of kinetin, gibberellins & ( ) abscisic acid on germination of lettuce (Lactuca sativa). Reynolds, T *Physiol Plant* 28 (3): 516-522. Ref. 1973

078106 450 P5623
Apple embryo dormancy in relation to thermic conditions of germination. (Pinus malus L.). (Fre) Thevenot, C *Physiol Veg* 11 (1): 151-160. Eng. Sum. Jan/Mar 1973

078107 450 P5623
Influence of cotyledon on dormancy breaking and germination of apple embryonic axis (Pirus mallus L.). (Fre) Thevenot, C *Physiol Veg* 11 (1): 161-169. Ref. Eng. Sum. Jan/Mar 1973

078108 450 P5623
Effects of proflavine on cell elongation & RNA biosynthesis. [Peas]. (Fre) Pilet, P E *Physiol Veg* 11 (1): 179-190. Ref. Eng. Sum. Jan/Mar 1973

078109 450 P5623
Translocation & distribution of labelled organic molecules following instillation of sugars in Raphanus sativus L. Tubers. [Radishes]. (Fre) Fredon, J J *Physiol Veg* 11 (1): 55-68. Ref. Eng. Sum. Jan/Mar 1973

078110 450 P5623
Occurrence of two forms of DNA-dependent RNA polymerase in isolated chloroplasts of pea leaves. (Fre) Joussaume, M *Physiol Veg* 11 (1): 69-82. Ref. Eng. Sum. Jan/Mar 1973

078111 450 P5623
Absorption of calcium by horsebean roots (calcicole plant) & by yellow lupine roots (calcifuge plant). (Fre) Salsac, L *Physiol Veg* 11 (1): 95-119. Ref. Eng. Sum. Jan/-Mar 1973

078112 450 P5622
Abscisic acid effects on chromatin thermal denaturation. [Radishes]. Pearson, J A *Phytochemistry* 12 (5): 1025-1026. May 1973

078113 450 P5622
Control of glutamate dehydrogenase from Pisum sativum roots. [Peas]. Joy, K W *Phytochemistry* 12 (5): 1031-1040. Ref. May 1973

078114 450 P5622
Proteolytic & trypsin inhibitory activities in extracts of germinating Pisum sativum seeds. [Peas]. Hobday, S M *Phytochemistry* 12 (5): 1041-1046. Ref. May 1973

078115 450 P5622
Lipoxygenase isoenzymes from Solanum tuberosum. [Potatoes]. Pinsky, A *Phytochemistry* 12 (5): 1051-1055. Ref. May 1973

078116 450 P5622
Flavonoid glycosides from illuminated cell suspension cultures of Petroselinum hortense. [Parsley]. Kreuzaler, F *Phytochemistry* 12 (5): 1149-1152. Ref. May 1973

078117 450 P5622
Sterol content of Spinacia oleracea. [Spinach]. Dawidar, A M *Phytochemistry* 12 (5): 1180-1181. May 1973

078118 450 P5622
Carbohydrate metabolism in Musa paradisiaca. [Bananas]. Shukla, R N *Phytochemistry* 12 (5): 979-985. Ref. May 1973

078119 450 P5622
Growth-inhibitory volatile aromatic compounds produced by Solanum tuberosum tubers. [Potatoes]. Meigh, D F *Phytochemistry* 12 (5): 987-993. Ref. May 1973

078120 450 P5622
Retardation of leaf senescence by urea cytokinins in Raphanus sativus. [Radishes]. Kefford, N P *Phytochemistry* 12 (5): 995-1003. Ref. May 1973

078121 450 P692
Biochemical studies on development of mitochondria in pea cotyledons during earlt stage of germation: effects of antibiotics on development. Nawa, Y *Plant Physiol* 51 (5): 833-838. Ref. May 1973

078122 450 P692
Inhibition of abscission by calcium. [Kidney beans]. Poovaiah, B W *Plant Physiol* 51 (5): 848-851. Ref. May 1973

078123 450 P692
Effects of kinetin on permeability of Allium cepa cells. [Onion]. Feng, K A *Plant Physiol* 51 (5): 868-870. Ref. May 1973

078124 450 P692
Increase in free & bound abscisic acid during natural & ethylene-induced senescence of citrus fruit peel. Goldschmidt, E E *Plant Physiol* 51 (5): 879-882. Ref. May 1973

078125 450 P692
Mechanism of naphthaleneacetic acid conjugation: no effext of ethylene. [Cowpeas]. Goren, R *Plant Physiol* 51 (5): 907-913. Ref. May 1973

078126 450 P692
Proposed model for peroxidase-catalyzed oxidation of indole-3-acetic acid in presence of inh-bitor ferulic acid. [Horseradish]. Gelinas, D A *Plant Physiol* 51 (5): 967-972. Ref. May 1973

078127 450 P692
A rapid phytochrome-dependent reduction of nicotinamide adenine dinucleotide phosphate in particle fraction from etiolated bean hypocotyl. Manabe, K *Plant Physiol* 51 (5): 982-983. Ref. May 1973

078128 QK1.P5
Inhibition of root growth as a result of methyleneoxindole formation. [Lentils]. Gaspar, T *Plant Sci Lett* 1 (3): 115-118. Ref. Mar 1973

078129 QK1.P5
Photosystem ii activity & pigment-protein complexes in flashed bean leaves. Hiller, R G *Plant Sci Lett* 1 (3): 81-88. Ref. Mar 1973

078130 QK1.P5
Comparative studies on tRNAs [methionyl-t Ribonucleic acid] met from cytoplasm, chloroplasts & mitochondria of Phaseolus vulgaris. [Kidney beans]. Guillemaut, P *Plant Sci Lett* 1 (4): 141-149. Ref. Apr 1973

078131 QK1.P5
Correlation between cell enlargement in pea internode segments & decrease in pH [hydrogen-ion concentration of medium of incubation. I. Effects of fusicoccin, natural & synthetic auxins & mannitol. Marre, E *Plant Sci Lett* 1 (5): 179-184. Ref. May 1973

078132 QK1.P5
Correlation between cell enlargement in pea internode segments & decrease in pH [hydrogen-ion-concentration]. I. I. Effects of inhibitors of respiration, oxidative phosphorylation & protein synthesis. Marre, E *Plant Sci Lett* 1 (5): 185-192. Ref. May 1973

078133 QK1.P5
Absorption & chlorophyll alpha fluorescence characteristics of tris-treated & sonicated chloroplasts. [Spinach]. Bazzaz, M B *Plant Sci Lett* 1 (5): 201-206. Ref. May 1973

078134 QK1.P5
Influence of purines & related compounds on development of low-temperature breakdown in apples. Wills, R B H *Plant Sci Lett* 1 (5): 217-219. May 1973

078135 QK1.P5
Simultaneous purification of two kinases from spinach leaves: ribulose-5-phosphate kinase & phospholglycerate kinase. La Vergne, D *Plant Sci Lett* 1 (6): 229-236. Ref. June 1973

078136 QK1.P5
Light-mediated changes in properties of phenylalanine ammonia-lyase (PAL) in pea buds. Attridge, T H *Plant Sci Lett* 1 (6): 247-252. June 1973

078137 QK1.P5
Inhibition of non-reversible D-glyceraldehyde-3-phosphate dehydrogenase from pea shoots by L-glyceraldehyde-3-phosphate. Kelly, G J *Plant Sci Lett* 1 (6): 253-257. Ref. June 1973

078138 QK1.P5
Adenylate-cyclase & cyclic 3':5'-amp [adenosine monophosphate]-diesterase in Jerusalem artichoke tubers. Giannattasio, M *Plant Sci Lett* 1 (6): 259-264. Ref. June 1973

078139 450 P693
Localization of dehydrogenases of energy metabolism in phloem of Cucurbita pepo L. [Pumplins]. (Ger) Lehmann, J *Planta* 111 (3): 187-198. Ref. Eng. Sum. 1973

078140 450 P693
Investigations on growth & metabolsim of cultured explants of Daucus carota. Vc. Effects of trace elements & growth factors on solutes accululated. [Carrots]. Steward, F C *Planta* 111 (3): 219-243. Ref. 1973

078141 450 P693
Effects of benzyladenine on growth of waterlogged tomato plants. Railton, I D *Planta* 111 (3): 261-266. Ref. 1973

078142 450 P693
Glutamine synthetase in chloroplasts of Vicia faba. [Broadbeans]. Haystead, A *Planta* 111 (3): 271-274. Ref. 1973

078143 450 P693
Breaking of dormancy of apple embryo (Pirus malus L.) in absence of oxygen & cold. (Fre) Tissaoui, T *Planta* 111 (4): 315-322. Ref. 1973

078144 450 P693
Measurement of a gradient of oxygen partial pressure across intact root. [Pumpkins]. Bowling, D J F *Planta* 111 (4): 323-328. 1973

078145 450 P693
Phytochrome: first-order phototransformation kinetics in vivo. [Pumpkins]. Schmidt, W *Planta* 111 (4): 329-336. Ref. 1973

078146 450 P693
Estimation of scilladienolides of Urginea maritima as well as in galenicals & formulations. Karawya, M S *Planta* 23 (3): 213-220. Ref. May 1973

078147 450 P693
Isolation & chemistry of alkaloids of genus Papaver. LVIII. Isolation & identification alkaloids from Papaver urbanianum Fedde. (Ger) Preininger, V *Planta* 23 (3): 233-238. Ref. Eng. Sum. May 1973

078148 450 P693
Evaluation of Digitalis purpurea by direct densitometry from paper chromatograms. Linley, P A *Planta* 23 (3): 272-280. Ref. May 1973

078149 57.8 P34
Effect of soil physical properties on development of apple-tree root system. (Rus) Bul'botko, G V *Pochvovedenie* 4: 65-70. Eng. Sum. Apr 1973

078150 S590.P6
Role of molybdenum in assimilation of nitrogen in relation to applying ammonium nitrate fertilizer to beans. (Bul) Nikolov, B A *Pochvozn Agrokhim* 8 (1): 95-103. Ref. 1973

078151 80 P77
Study of effects of leaves & fruits on floral induction of brachyblasts (short shoots) of pear tree. (Fre) Huet, M *Pomol Franc* 15 (2): 25-35. Ref. Feb 1973

078152 S13.P72
Influence of l-ethy-l-nitrosourea on growth & development of Ml generation in Lens esculenta /Moench/. [Lentils]. (Cze) Uhlik, J *Prague Vys Sk Zemed Fak Agron Sb Rada A Rostl Vyroba* 1: 115-131. Ref. Eng. Sum. 1973

078153 442.8 P94
Effect of reduced oxygen supply & of inhibitors of somatotrophic hormonegroups on staining of upper epidermal cells of Allium cepa with neutral red. (Ger) Roscher, H *Protoplasma* 77 (1): 123-136. Ref. Eng. Sum. 1973

078154 442.8 P94
Protein crystalloids in stroma of bean plastids. Wrischer, M *Protoplasma* 77 (1): 141-150. Ref. 1973

078155 442.8 P94
Activity of nucleolus organising region & origin of cytoplasmic nucleoloids in meiocytes of lilium. [Longiflorum]. Williams, E *Protoplasma* 77 (1): 79-93. Ref. 1973

078156 86 W123J
Horticultural aspects of climate control. [Transpiration, cucumbers, tomatoes]. (Dut) Germing, G H *Publ Inst Tuinbouwtech (wageningen)* 77: 97-100. Eng. Sum. 1972

078157 QD415.A1P3
A plant mannosyl-lipid intermediate. [Mung beans]. Kauss, H *PAABS (panan Assoc Biochem Soc Symp)* 2: 221-225. 1972

078158 QD415.A1P3
Role of sucrose & sucrose sybthetase in Helianthus tuberosus. [Jerusalem artichokes. Pontis, H G *PAABS (panan Assoc Biochem Soc Symp)* 2: 239-265. Ref. 1972

078159 QD415.A1P3
A primer-less form of potato phosphorylase possible involvement in starch biosynthesis. Slabnik, E *PAABS (panan Assoc Biochem Soc Symp)* 2: 495-499. 1972

078160 QD415.A1P3
Studies on particulate transglucosylases from potato tubers. Lavintman, N *PAABS (panan Assoc Biochem Soc Symp)* 2: 503-507. 1972

078161 450 R18
Content of sterines & choline in certain edible fruits. (Rus) Vigorov, L I *Rastitel Resursy* 8 (4): 557-562. Ref. 1972

078162 107 R26
Effect of N,P,K [nitrogen, phosphorus, potassium] fertilization on potato yield & level of these elements in plants, & their availability in northern golan soil. (Heb) Feigin, A *Rehovot Nat Univ Inst Agr Prelim Rep* 717, 50 P. Ref. Eng. Sum. May 1972

078163 13 R322
Coloring matter of flowers. II. Flavonic heterosides in red & yellow rose varieties. [Rosa]. (Fre) Jennen, A *Rev Agr (brussels)* 26 (1): 143-162. Ref. Jan/Feb 1973

078164 9.2 C332
Anatomy of teguments of okra seeds (Hibiscus esculentus L.) & use of chemical substances to accelerate germination. (Por) Medina, P V L *Rev Ceres* 19 (106): 385-394. Ref. Eng. Sum. Nov/Dec 1972

078165 9.2 C332
Effect of pot size & number of plants per pot on production of plant material in an oven experiment. (Por) Ferreira de Novais, R *Rev Ceres* 19 (106): 403-409. Eng. Sum. Nov/Dec 1972

078166 343 R32
Thermonsensitive periods of autumn & winter in stone fruit & its relations with blooming. (Spa) Di Cesare, L U *Rev Invest Agropecuar Ser 3 Clima Suelo* 9 (4): 147-163. Ref. Eng. Sum. 1972

078167 24 R3472
Studies on performance & growth of various short-day onion varieties (Allium cepa L.) in Rhodesian lowveld in relation to date of sowing. 2. Growth analysis. Robinson, J C *Rhodesia Zambia Malawi J Agr Res* 11 (1): 51-68. Ref. 1973

078168 64.9 C33
Investigation of utilization of mineral nitrogen in case of combined fertilization with molybdenum of pea (Pisum sativum L.). (Cze) Rubes, L *Rostlinna Vyroba* 19 (1): 15-31. Ref. Eng. Sum. Jan 1973

078169 64.9 C33
Ascorbic acid contents in hybrid tomatoes. II. (Cze) Pospisilova, J *Rostlinna Vyroba* 19 (1): 89-96. Ref. Eng. Sum. Jan 1973

078170 420 SO12
Damages caused in raspberries by Thomasiniana theobaldi, Barnes. (Hun) Ambrus, B *Rovartani Kozlemenyek* 25 (33): 493-495. 1972

078171 80 SA15
Effect of rootstock on growth, yield & quality of grapes. (Rus) Zhukov, A I *Sadov Vinogradarstvo Vinodelie Moldavii* 3: 41-43. Mar 1973

078172 80 SA15
Effect of zinc on yield of grape seedlings. (Rus) Khanin, IA D *Sadov Vinogradarstvo Vinodelie Moldavii* 3: 51-52. Mar 1973

078173 61.8 SE53
Field germination trial with pelleted tomato seed. (Ita) Montali, P *Sementi Elette* 19 (1): 23-31. Ref. Eng. Sum. Jan/-Feb 1973

078174 93.33 SH62B
Studies on developing qualtiy of Satsuma mandarin. 1. Effect of different fertilization on fruits composition & storage ability. (Jap) Suzuki, H *Shizuoka Citrus Exp Sta Bull* 10: 47-60. Ref. Eng. Sum. Sept 1972

078175 93.33 SH62B
Fertilizer test using liquid fertilizer by sprinkler. I. effect of liquid fertilizer application on leaf, peer, flesh inorganic nutrient content, fruit quali (Jap) Oshiru, A *Shizuoka Citrus Exp Sta Bull* 10: 61-75. Ref. Eng. Sum. Sept 1972

078176 451 F84B
Cytohistological study of germination in dormant embryos species. I. Effect of a gibberellic acid treatment on behaviour of Euonymus europaeus L. Embryos. (Fre) Gambade, G *Soc Bot France Bull* 119 (3/4): 151-165. Eng. Sum. Mar/Apr 1972 (Pub. 1973)

078177 450 F58AE
Localization of polyribosomes in pea chloroplasts. Oparin, A I *Soviet Plant Physiol* 19 (5): 847-853. Ref. Spet /oct 1972 Transl 1973

078178 506 SP132
Incidence of frost during blossoming of hardy fruit trees in collections of Aula Dei. (Spa) Tabuenca, M C *Spain Cons Super Invest Cient Estac Exp Aula Dei Anales* 11 (3/4): 294-324. Eng. Sum. 1972

078179 506 SP132
Winter chilling requirements of almond. [Dormancy breaking]. (Spa) Tabuenca, M C *Spain Cons Super Invest Cient Estac Exp Aula Dei Anales* 11 (3/4): 325-329. Eng. Sum. 1972

078180 506 SP132
Winter chilling requirements of peach varieties. II. [Dormancy breaking]. (Spa) Tabuenca, M C *Spain Cons Super Invest Cient Estac Exp Aula Dei Anales* 11 (3/4): 330-334. Eng. Sum. 1972

078181 506 SP132
Nutritional status of olive tree of Ebro basin. II. Barbastro, Belchite & Boras Blaneas. (Spa) Heras, L *Spain Cons Super Invest Cient Estac Exp Aula Dei Anales* 11 (3/4): 335-356. Map. Eng. Sum. 1972

078182 506 SP132
Effect of temperature on flowering date in almond varieties. (Spa) Tabuenca, M C *Spain Cons Super Invest Cient Estac Exp Aula Dei Anales* 11 (3/4): 378-395. Ref. Eng. Sum. 1972

078183 442.8 ST1
An artifact resembling silver grains found in microautoradiography of lettuce fruits. McWha, J A *Stain Technol* 48 (3): 136-138. May 1973

078184 80 SV23
Climate & fruit growing. (Swe) Nilsson, F *SYr Inf Fruktodlaren (sver Yrkesfruktodlares Riksforb)* 15 (2): 3-4, 7-8. 1973

078185 TX341.T4
Preliminary studies on culinary quality of fresh & industrialized peas: Inlfuence of state of maturation on chemical composition of seed. (Spa) Limongelli, J C *Tecnol Aliment* 6 (35/36): 19-20, 22-23. Eng. Sum. Sept/Dec 1972

078186 451 ER43
On interrelationships between tuber formation & root growth in ontogeny of potatoes. (Rus) Kazarian, V O *Tr Bot Inst Akad Nauk Arm SSR* 18: 56-61. 1972

078187 451 ER43
Dynamics of carbohydrates & amino acids in leaves of peach trees & almonds during growth period. (Rus) Karapetian, K A *Tr Bot Inst Akad Nauk Arm SSR* 18: 85-91. Ref. 1972

078188 S542.R6U5
Contributions concerning development & maturation of some sour cherry varieties at Simnic Experimental Station. (Rum) Rosu, L *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 285-294. 1971 (Pub. 1972)

078189 S542.R6U5
Physiological & morphoanatomical modifications diring germination & growth of Pisum sativum L. plants under influence of some microelements. [Peas]. (Rum) Rincu, I *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 77-82. Ref. 1971 (Pub. 1972)

078190 20 V633
Bud formation in fruit-bearing crops. (Rus) Nesterov, IA S *Vestn Sel'skokhoz Nauk (moscow)* 10: 114-118. Ref. Eng. Sum. Oct 1972

078191 20 AK1
On problem of actin-resistant tissues of apple tree bark during winter-spring period. (Rus) Konstantinov, L K *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 10: 14-15. Oct 1972

078192 20 AK1
Spearating cucumber seeds in an electrostatic field according to their orientation. (Rus) Tarushkin, V I *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 10: 39-40. Oct 1972

078193 20 AK1
Change in biochemical indices of potatoes & spring barley in western forest-steppe region of Ukraine in relation to fertilizers applied. (Rus) Lapchuk, V G *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 10: 5-7. Oct 1972

078194 20 AK1
Fruit tree seeds differing in quality according to germination & length of dormant period. (Rus) Nesterov, IA S *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 3: 9-11. Mar 1973

078195 20 AK1
On degree of drought & heat resistance of apple varieties on dwarf & vigorously growing rootstocks in Crimea. (Rus) Khalin, G A *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 4: 18-19. Apr 1973

078196 20 AK1
Role of potassium in nutrition & fertilizing of grapes. (Rus) Perov, N N *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 4: 20-22. Apr 1973

078197 95.8 W435
Weather, growth of grapes, diseases, pests & injuries in vineyards of German Federal Republic. (Ger) Hering, M *Weinberg Keller* 20 (4): 167-184. Apr 1973

078198 450 Z32
Some properties of acyl galactosyl diglyceride-forming enzyme from leaves. [Broadbeans]. Heinz, E *Z Pflanzenphysiol* 69 (4): 359-376. Ref. May 1973

PHYSIOLOGY AND BIOCHEMISTRY OF FOREST TREES

078199 442.8 AL6
Supply of plant mass & energy of Betula forests of birch-grove forest-steppe zone of northern Kazakhstan. (Rus) Kolodchenko, N A *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 1: 29-36. Jan/Feb 1973

078200 410 M58
Multivariate analysis of radial growth of black cherry (Prunus serotina Erhr.) in southern Wisconsin oak forests. Auclair, A N *Amer Midland Natur* 89 (2): 408-425. Ref. Apr 1973

078201 80 AM371
Propagation from seed. 24. Testing & growing limber & Mexican border pines. [Pinus flexilis, Pinus strobiformis]. Heit, C E *Amer Nurseryman* 137 (11): 8-9, 64-74. Jun 1, 1973

078202 442.8 AU72
Physiological effects of mucus from wood wasp, Sirex noctilio F., on foliage of Pinus radiata D. Don. Fong, L K *Australian J Biol Sci* 26 (2): 365-378. Ref. Apr 1973

078203 475 AU73
Extractives of Australian timbers. XIII. Jingullic acid, a triterpene of lupane series containing a C28-19 lactone group. [Emmenospermum alphitonioides]. Eade, R A *Australian J Chem* 26 (4): 831-837. Ref. Apr 1973

078204 475 AU73
Extractives if Australian timbers. XIV. Triterpene glycosides of Acacia mtrtifolia. Eade, R A *Australian J Chem* 26 (4): 839-844. Apr 1973

078205 470 C16C
Seasonal fluctuation in respiration of aging xylem in relation to heartwood formation in Pinus radiata. Shain, L *Can J Bot* 51 (4): 737-741. Ref. Apr 1973

078206 470 C16C
Effect of changes in carbohydrate concentration on rate of net photosynthesis in mature leaves of Abies balsamea. Little, C H A *Can J Bot* 51 (4): 751-758. Ref. Apr 1973

078207 302.9 EN8
Influence of depth of planting on rooting & growth of poplars in different types of soils. (Ita) Frison, G *Cell Carta* 24 (1): 3-18. Maps. Ref. Eng. Sum. Jan 1973

078208 99.8 C33
Water economy of young forest plants ater transplanting & its adaptability. (Ger) Tranquillini, W *Centralbl Gesamte Forstwesen* 90 (1): 46-52. Eng. Sum. Mar 1973

078209 QH540.E3
Seasonal & diurnal rhythm of plant flowering in broadleaved forests. (Rus) Antonova, L A *Ekologiia* 4: 73-79. Ref. 1972

078210 QH540.E3
Survival of cedar young growth in fellings of lower Prychulimye area. (Rus) Isakov, I P *Ekologiia* 4: 97099. 1972

078211 99.9 F7626A
Experiments concerning effect of growth stimulants on spruce. [Picea]. (Swe) Remod, J *For Skogstradsforadling Arsbok* P. 160-178. Ref. Eng. Sum. 1973

078212 99.9 F7626A
Experiments in pollination of pine trees. [Pinus sylvestris]. (Swe) Alfjorden, G *For Skogstradsforadling Arsbok* P. 81-86. Eng. Sum. 1973

078213 99.8 F7723
Effect of soil heating & propagation medium on root formation of Norway spruce & Douglas fir cuttings. [Pseudotsuga menziezii, picea abies]. (Ger) Kleinschmit, J *Forstarchiv* 43 (12): 250-255. Ref. 1972

078214 QC795.H4
A simple model of strontium & manganese dynamics in a tropical rain forest. Jordan, C F *Health Phys* 24 (5): 477-489. Ref. May 1973

078215 451 P87
Detection of alkaloids & quantitative determination of codeine phosphate in pine syrup (Sir. Pini comp.). (Pol) Walkowiak, R *Herba Pol* 18 (4): 340-345. Ref. Eng. Sum. Dec 1972

078216 410 J272
Studies on production relations of deciduous forests of semi-arid zone of Rajasthan (India). 3. Observations on net biomass production in Schrebera swietenioides Roxb. Vyas, L N *Jap J Ecol* 22 (6): 245-249. Dec 1972

078217 99.9 SO19
Correlation between size & number of vertical & radial resin ducts & amount of secretion in Pinus halepensis wood. (Heb) Zamski, E *La-yaaran* 22 (3): 40-43. Eng. Sum. Sept 1972

078218 99.9 SO19
A summary of ecotypic variation in Eucalyptus camaldulensis Dehn. (Heb) Karschon, R *La-yaaran* 22 (3): 44-47. Ref. Eng. Sum. Sept 1972

078219 451 M854
Quercus borealis in Moscow. [Plant introduction]. (Rus) Bolychevtsev, V G *Moscow Gl Bot Sad Byul* 87: 32-36. Ref. 1973

078220 451 M854
Growth & overwintering of exotic species under varying conditions of soil & nonroot nutrition. [Exochorda tianschanica, Morus alba, Abies alba, plant introduction]. (Rus) Martem'ianov, P B *Moscow Gl Bot Sad Byul* 87: 50-52. 1973

078221 QL750.O3
Effect of season of growth on chemical composition of cambial saps of Eucalyptus ragnans trees. Stewart, C M *Oecologia* 12 (4): 349-372. Ref. 1973

078222 450 P564
Cytokinins in Populus x robusta: changes during chilling & bud burst. Hewett, E W *Physiol Plant* 28 (3): 393-399. Ref. 1973

078223 450 P564
Changes in endogenous growth regulators in loblolly pine seeds during process of straitification & germination. [Pinus taeda]. Paul, K B *Physiol Plant* 28 (3): 530-534. Ref. 1973

078224 450 P5622
Enzymatic synthesis of ribonucleoside-5'-phosphates from some N6-substituted adenosines. [Acer pseudoplatanus, Schizosaccharomyces pombe]. Doree, M *Phytochemistry* 12 (5): 1017-1023. Ref. May 1973

078225 450 P5622
Anthocyanins in Salix species: a new anthocyanin in Salix purpurea Bark. Bridle, P *Phytochemistry* 12 (5): 1103-1106. May 1973

078226 450 P5622
Structure of water-soluble feeding stimulant for Scolytus multistriatus: a revision. [Ulmus americana]. Doskotch, R W *Phytochemistry* 12 (5): 1153-1155. May 1973

078227 450 P5622
Biflavones of Sequoiadendron giganteum. (Ger) Geiger, H *Phytochemistry* 12 (5): 1176-1177. Eng. Sum. May 1973

078228 450 P5622
Flavonoids from Poecilanthe parviflora. Viegas Assumpcao, R M *Phytochemistry* 12 (5): 1188-1191. Ref. May 1973

078229 450 P5622
Respiration in sapwood & heartwood of Robinia pseudoacacia. Holl, W *Phytochemistry* 12 (5): 975-977. Ref. May 1973

078230 450 P692
Metabolism of hormones during seed germination & release from dormancy. III. effects & metabolism of zeatin in dormant & nondormant ash embryos. [Frasinus americana]. Sun Tzou, D *Plant Physiol* 51 (5): 894-897. May 1973

078231 450 P692
Effects of chronic internal beta-radiation from photoassimilated 14C02 [carbob dioxide] on retention & distribution of 14 C [carbon] in young white pine plants. [Pinus strobus]. Ursino, D J *Plant Physiol* 51 (5): 954-959. Ref. May 1973

078232 QK1.P5
Bound NAD [nicotinamide adenine dinucleotide] in glucose 6-phosphate cycloaldolase of Acer pseudoplatanus. Loewus, M W *Plant Sci Lett* 1 (2): 65-69. Ref. Feb 1973

078233 450 P693
Activity of uridine diphosphate-d-glucose-4-epimerase in cambial tissue & differentiating xylem isolated from sycamore (Acer pseudoplatanus) trees. Rubery, P H *Planta* 111 (3): 267-269. 1973

078234 450 R18
On evaluation of essential oil from vegetative organs of Cedrus Trev. species & forms. (Rus) Akimov, IU A *Rastitel Resursy* 8 (4): 562-565. 1972

078235 99.8 W143
Influence of temperature & rainfall on increment of forest trees in seasonal course. (Ger) Fiedler, F *Sozialistische Forstwirtsch* 23 (2): 52-54. Feb 1973

078236 451 ER43
On effect of pruning on rate of change of certain physiological indices of leaves of Populus. (Rus) Kazarian, V O *Tr Bot Inst Akad Nauk Arm SSR* 18: 73-79. Ref. 1972

078237 451 IN85
Biological spectrum of forests of Gorakhpur. Siddiqui, M O *Trop Ecol* 13 (2): 234-235. Dec 1972

078238 99.8 M69
Comparative investigations on uptake of sulphur dioxide from atmosphere by some Pinus species. (Ger) Godzik, S *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 319-334. Ref. Eng. Sum. 1972

078239 99.8 M69
Cell physiological & biochemical study of Picea abies needles fumigated with sulfur dioxide: resistance & buffer capacity. (Ger) Grill, D *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 367-386. Eng. Sum. 1972

078240 99.8 M69
Physiological & genetic response of Pinus strobus L. clones to sulfur dioxide & ozone exposures. Hoston, D B *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 387-398. Ref. 1972

078241 99.8 M69
Connection between fume resistance & cuticular waxes in conifers. (Ger) Schutt, P *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 399-417. Ref. Eeng. Sum. 1972

078242 99.8 M69
Effect of solid pollutants on translocation of organic substances in growing shoots of conifers. [Abies grandis]. (Ger) Steinhubel, G *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 419-430. 1972

078243 99.8 M69
Effects of air & soil pollution by industrial waste on fructification of Scotch pine in Urals. [Pinus sylvestris]. Mamajev, S A *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 443-450. 1972

078244 99.8 M69
Evaluation of growth of grafted spruce plants from fume-resistant clones in Erzgebirge fume-damage region. (Ger) Fer, F *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 493-509. Ref. Eng. Sum. 1972

078245 99.8 M69
Factors affecting release of volatile chemicals by forest trees. Hanover, J W *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 625-644. Ref. 1972

078246 99.82 M72
Relation between tensile strength & annual ring structure of 'sugi', Cryptomeria japonica D. Don. (Jap) Imata, J *Wood Ind (jap)* 28 (5): 15-19. Ref. Eng. Sum. May 1973

078247 99.8 W856
Slash pine plantations respond to water control. [Pinus elliottii]. Brightwell, C S *Woodland Res Notes* 26, 3 P. Mar 1973

078248 99.8 W856
Performance of five & six year old improved slash pine. [Pinus elliottii]. Zoerb, M H *Woodland Res Notes* 27, 6 P. Mar 1973

FIELD CROPS — CULTURE

078249 S544.3.W6W53
Alfalfa varieties for Wisconsin. Rohweder, D *A Coop Ext Programs Univ Wis* 1683, Rev., 8 P. Mar 1973

078250 512 W262
Primary productivity of crop fields. [Rye, potatoes]. Kukielska, C *Acad Polon Sci Bull Ser Sci Biol* 21 (2): 109-115. 1973

078251 58.8 AG832
Sugarcane: Losses from frost, how to reduce them a great deal. (Spa) Humbert, R P *Agric Am* 22 (5): 24-26. (Continued) May 1973

078252 S1.A29
Preparing haymaking machinery is not a sinecure!. (Fre) Benjamin, R *Agric Prog* 5 (3): 32-34, 36. Apr 1973

078253 15 AG84
Pasture customs & their effects on meadows. (Spa) Fuentes Sanchez, C *Agric Rev Agropecu* 42 (490): 71-77. Feb 1973

078254 14 AG823
Cultivated grass & price of feed cakes. [Dairy cattle]. (Fre) Colcombet, G *Agric Rev Men Tech Econ* 364: 124-125. Apr 1973

078255 8 AG839
Porquero Grande 12, a new chickpea variety for El Bajio. (Spa) Sanchez P, S *Agric Tec Mex* 3 (5): 163-164. Eng. Sum. July 1972

078256 8 AG839
Guamuchil 916, Angostura, Culiacancito 860 & Bremizado, new chickpea varieties from Sinaloa State. (Spa) Lopez Garcia, H *Agric Tec Mex* 3 (5): 173-175. Eng. Sum. July 1972

078257 8 AG839
Study of planting dates of chickpeas in Comarca Lagunera. (Spa) Alvarado A, D *Agric Tec Mex* 3 (5): 197-200. Eng. Sum. July 1972

078258 4 AM34P
Grain sorghum yields in one-row & two-row plots. Ross, W M *Agron J* 65 (3): 355-356. May/June 1973

078259 4 AM34P
Yield response of soybean varieties grown at two soil moisture stress levels. Mederski, H J *Agron J* 65 (3): 410-412. Ref. May/June 1973

078260 4 AM34P
Crop responses to no-till management practices on hilly terrain. [Corn, Dactylis glomerata, herbicides]. Bennett, O L *Agron J* 65 (3): 488-491. Ref. May/June 1973

078261 4 AM34P
Pima cotton lint yield as influenced by irrigation schedule, cultivar & altitude. Kittock, D L *Agron J* 65 (3): 498-501. May/June 1973

078262 26 AG87
Use of aerial parts of peanut plants: production & characteristics of fruits & seeds harvested at different dates. (Spa) Mazzani, B *Agron Trop (maracay)* 22 (4): 375-389. Eng. Sum. July/Aug 1972

078263 26 AG86
Assessment of work carried out on groundnut inprovement in North-Cameroon (1965 – 1971). (Fre) Barrault, J *Agron Trop (paris)* 27 (9): 977-987. Map. Eng. Sum. Sept 1972

078264 26 AG86
Results from rice growing without irrigation projects in sudanian zone: example of bottom-lands in central area of Upper Volta. (Fre) Arrivets, J *Agron Trop (paris)* 28 (1): 34-53. Map. Ref. Eng. Sum. Jan 1973

078265 26 AG86
Maize experiments on Nsukka plains. V. Effect of preplanting cultivations, mulching & frequency of weeding on yield & general performance of maize. (Fre) Okigbo, B N *Agron Trop (paris)* 28 (1): 54-74. Ref. Eng. Sum. Jan 1973

078266 26 AG86
Maize experiments on Nsukka plains. VI. Effect of fertilizer placement on maize development & yield. (Fre) Okigbo, B N *Agron Trop (paris)* 28 (1): 75-85. Eng. Sum. Jan 1973

078267 11 AL8K
Pasture research in Gotala. (Swe) Johansson, G *Alvsborgs Lans Sodra Hushallningssallsk Tidskr* 3: 8-9. May 1973

078268 14 F8499
Ionometry: Its application to determination of nitric nitrogen & ammonia nitrogen in agronomy. (Fre) Mazoyer, R *Ann Agron* 23 (6): 673-684. Eng. Sum. 1972

078269 S3.A7
Search goes on for a suitable soyabean. Bunting, S *Arable Farmer Veg Grower* 4 (7): 13-14. Feb 1973

078270 S760.A75A35
A continuous rice production system. Johnson, L *AMa (agric Mech Asia)* 4 (1): 109-112. Spring 1973

078271 S760.A75A35
Changes in cropping patterns in APO [Asian Productivity Organization] member countries. [Field crops]. Ozaki, C *AMa (agric Mech Asia)* 4 (1): 15-26. Spring 1973

078272 S760.A75A35
Cropping patterns in multiple cropping system. [Field crops, vegetables, India]. Pal, M *AMa (agric Mech Asia)* 4 (1): 31-36. Spring 1973

078273 S11.B43
Yield & potential of artificially dried grass. (Dut) Reitsma, A *Bedrijfsontwikkeling* 4 (3): 223-226. Mar 1973

078274 S11.B43
Planting density & yield of grain corn. (Dut) Vos, N M de *Bedrijfsontwikkeling* 4 (3): 257-260. Mar 1973

078275 S11.B43
Rapeseed: development & yield potential. (Dut) Andringa, R *Bedrijfsontwikkeling* 4 (3): 265-268. Mar 1973

078276 281.8 B462
Seeds for permanent grassland in Schleswig-Holstein. (Ger) Klusmann, *Betriebswirtsch Mitt Wirtschaftsberater* 212/213: 55-58. Nov/Dec 1972

078277 281.8 B462
Seeds for forage plants in Schleswig-Holstein. (Ger) Klusmann, W *Betriebswirtsch Mitt Wirtschaftsberater* 214: 37-40. Jan 1973

078278 S900.B5
Bush encroachment & veld management in south-central Africa: need for a reappraisal. [Grasslands]. Strang, R M *Biol Conserv* 5 !2): 96-104. Ref. Apr 1973

078279 19 B635
Dependence of corn yield on plant density & nitrogen fertilization. (Ger) Putz, K *Bodenkultur* 24 (1): 56-60. Ref. Eng. Sum. Feb 1973

078280 SB278.J3I9
Official variety test on mild cured tobaccos, MC1610 & GH4. (Jap) Eguchi, K *Bull Morioka Tob Exp Stn* 5: 137-179. Eng. Sum. Feb 1973

078281 14 P215BC
Motorized plowing: A possibility to increase cultivated surfaces in a humid intertropical zone. [Field crops]. (Fre) Le Buanec, B *C R Seances Acad Agric Fr* 16: 1318-1325. Ref. 1972

078282 450 C16
Bounty timothy. [Phyleum pratense, varieties]. Childers, W R *Can J Plant Sci* 53 (1): 131-133. Jan 1973

078283 19.5 C333
Scientific-research tasks solved in plant production. [Forage plants]. (Slo) Zaujcova, L *Cesk Akad Zemed Vestn* 19 (12): 554-557. 1972

078284 19.5 C333
What are directions in intensification of meadows & pastures in mountain production regions. (Cze) Nagl, F *Cesk Akad Zemed Vestn* 20 (1): 38-47. 1973

078285 19.5 C333
Scientific-research tasks solved in plant production [Forage plants]. (Slo) Zaujcova, L *Cesk Akad Zemed Vestn* 20 (2): 78-82. 1973

078286 19.5 C333
A contribution to specialization of agricultureal enterprises in flax production. (Cze) Lahola, J *Cesk Akad Zemed Vestn* 20 (3): 122-125. 1973

078287 275.29 SO8E
Guide for producing no tillage soybeans in S. C. Palmer, J H *Clemson Univ Ext Circ* 53., 6 P. Apr 1973

078288 275.29 SO86C
Produce high yields of quality cotton. Harvey, L H *Clemson Univ Ext Cotton Leaf* 1, 8 P. Feb 1973

078289 275.29 SO8I
Paln to make high corn yields. Nolan, C N *Clemson Univ Ext Inform Card* 113 (Rev), 6 P. Jan 1973

078290 100 C71C
Estimating utilization of range grasses using height-weight ratios. Bartel, L E *Colo Agr Exp Sta Progr Rep Pr* 73-13, 3 P. Apr 1973

078291 100 C71C
Production on dryland seeded pastures in San Juan Basin. Davis, G G *Colo Agr Exp Sta Progr Rep Pr* 73-14, 3 P. Apr 1973

078292 73.8 C82
Survey of applied research on cotton growing in Senegal (1968-1972). I. (Fre) Blanguernon, F *Coton Fibres Trop* 27 (4): 363-369. Eng. Sum. Dec 1972

078293 QK1.H32
Feasibility of alfalfa on Molokai. Garrod, P *Dep Pap Coll Trop Agric Hawaii Agric Exp Stn Univ Hawaii* 6, 4 P. Feb 1973

078294 18 D4825T
Current problems of cereal research; a scientific meeting at Institut for Cereal Research in Bernburg-Hadmersleben, February 17-19, 1971. [East Germany. (Ger) *Deut Akad Landwirtschaftswiss Tagungsber* 119, 361 P. Eng. Sum. 1972

078295 18 D4825T
Significance of technology in intensification of cereal production. (Ger) Bernhardt, H *Deut Akad Landwirtschaftswiss Tagungsber* 119: 217-222. Eng. Sum. 1972

078296 18 D4825T
Comprehension of effect of climatic factors & cultural practices on formation of cereal yield by height measurement studies. (Ger) Stock, H G *Deut Akad Landwirtschaftswiss Tagungsber* 119: 277-285. Eng. Sum. 1972

078297 18 D4825T
Effect of sprinkler irrigation as well as concentration of culture measures on yield & yield structure. [Grain]. (Ger) Wicke, H J *Deut Akad Landwirtschaftswiss Tagungsber* 119: 287-294. Eng. Sum. 1972

078298 18 D4825T
Effect of row width on lodging resistance, yield & yield structure. [Wheat]. (Ger) Kratzsch, G *Deut Akad Landwirtschaftswiss Tagungsber* 119: 295-301. Eng. Sum. 1972

078299 18 D4825T
Effect of various cultural measures on yield components winter wheat. (Ger) Banneick, A *Deut Akad Landwirtschaftswiss Tagungsber* 119: 303-305. Eng. Sum. 1972

078300 18 D4825T
Problems of grain maize culture. (Ger) Steikhardt, H *Deut Akad Landwirtschaftswiss Tagungsber* 119: 313-321. Eng. Sum. 1972

078301 18 D4825T
Intensification of cereal production within crop rotation with higher cereal concentration by phytosanitary measures. (Ger) Konnecke, G *Deut Akad Landwirtschaftswiss Tagungsber* 119: 333-343. Eng. Sum. 1972

078302 18 D4825T
Some problems of production profile from point of view cereal culture. (Ger) Smukalski, M *Deut Akad Landwirtschaftswiss Tagungsber* 119: 345-353. Ref. Eng. Sum. 1972

078303 18 D4825T
Experimental findings in research of succeeding cereal crops. (Ger) Knoch, G *Deut Akad Landwirtschaftswiss Tagungsber* 119: 355-361. Eng. Sum. 1972

078304 18 D4825T
Photosynthesis & yield: pot experiment with winter wheat. (Ger) Damisch, W *Deut Akad Landwirtschaftswiss Tagungsber* 119: 47-53. Eng. Sum. 1972

078305 18 D4825T
Effects of some growth regulators on yield & quality determining parameters of cereals. [Barley]. (Ger) Klein, G *Deut Akad Landwirtschaftswiss Tagungsber* 119: 79-85. Eng. Sum. 1972

078306 24 EA74
Yield stability of sorghum varieties & hybrids in East African environments. Majisu, B N *East Afr Agr Forest J* 38 (2): 179-192. Ref. Oct 1972

078307 49 B462
Two grasses well adapted to French meadow: Dactylis anf tall fescue. [Festuca elatior]. (Fre) Desroches, R *Elevage* 17: 37, 39, 41, 43. Apr 1973

078308 HD9016.I4F3
Comparative performance of two Kapok varieties. Rajagopalan, C K *Farm Fact* 7 (4): 39-40. Feb 1973

078309 18 W763
Specific variety-adjusted cultivation in intensive cereal production. (Ger) Ebert, D *Feldwirtschaft* 14 (2): 55-56. Feb 1973

078310 18 W763
Grain maize grown in light to medium soils for higher cereal yields. [Sugar beets]. (Ger) Eichelbaum, E *Feldwirtschaft* 14 (2): 57-58. Feb 1973

078311 18 W763
How to ensure high sugar yield? (Ger) Oehme, H *Feldwirtschaft* 14 (2): 59-61. Feb 1973

078312 18 W763
Results & conclusions from low manual work beet cultivation after sowing by type A 697 monogerm seed drill. (Ger) Gerdes, G *Feldwirtschaft* 14 (2): 64-66. Feb 1973

078313 18 W763
Drive to implement intensive potato growing in 1973. (Ger) Wichner, D *Feldwirtschaft* 14 (2): 66-69. Feb 1973

078314 18 W763
Grassland renewal makes headway. (Ger) Waydbrink, W V D *Feldwirtschaft* 14 (2): 78-80. Feb 1973

078315 18 W763
Fodder carrot – its importance, performance, man-hour requirements, cost, quality, & cultivation techniques. (Ger) Luddecke, F *Feldwirtschaft* 14 (2): 80-83. Feb 1973

078316 18 W763
Importance of Soviet wheat breeds to further intensification of cereal production in GDR. (Ger) Ebert, D *Feldwirtschaft* 14 (5): 200-201. May 1973

078317 18 W763
Experience & results from harvesting & processing of whole cereal plants in state farm of Parchim. (Ger) Rickmann, A *Feldwirtschaft* 14 (5): 202-204. May 1973

078318 18 W763
More winter barley & winter wheat & delayed nitrogen fertilization for intensification of cereal production. (Ger) Hahn, L *Feldwirtschaft* 14 (5): 204-205. May 1973

078319 18 W763
Use of economised fertilization & cultivation methods in cereal production. (Ger) Trog, P *Feldwirtschaft* 14 (5): 210-211. May 1973

078320 18 W763
Details for second nitrogen application, on basis of plant analysis, for shooting of winter cereals. (Ger) Neubert, P *Feldwirtschaft* 14 (5): 212-214. May 1973

078321 18 W763
Full ripening of grain maize: Conclusions from harvests of recent years. (Ger) Steikhardt, H *Feldwirtschaft* 14 (5): 221-223. May 1973

078322 18 W763
Conclusions form rape-seed harvest 1972. (Ger) Winkel, A *Feldwirtschaft* 14 (5): 223-235. May 1973

078323 60.8 F742
Temperature influences alfalfa yields. Chapman, F M *Forage Notes (Ottawa)* 18 (1): 11-13. Spring 1973

078324 60.8 F742
Newsletter 'Timothy plus'. [Phleum pratense, research]. Bullen, M R *Forage Notes (Ottawa)* 18 (1): 14-15. Spring 1973

078325 60.8 F742
Rye grass trials at Kentville. [Lolium]. Smeltzer, G G *Forage Notes (Ottawa)* 18 (1): 15-18. Spring 1973

078326 60.8 F742
Productivity of direct seeded pure grass stands in year of establishment. Kunelius, H T *Forage Notes (Ottawa)* 18 (1): 18-19. Spring 1973

078327 60.8 F742
Potential for alfalfa seed production in prairie provinces. Heinrichs, D H *Forage Notes (Ottawa)* 18 (1): 2. Spring 1973

078328 60.8 F742
Perennial ryegrass & timothy for pasture. [Lolium, Phleum]. Langille, J E *Forage Notes (Ottawa)* 18 (1): 20-21. Spring 1973

078329 60.8 F742
Forage production of Harmon oats, four perennial grasses & Beaver alfalfa grown alone & in various combinations at Scott. [Canada]. Crowle, W L *Forage Notes (Ottawa)* 18 (1): 22-24. Spring 1973

078330 60.8 F742
High protein oats – a useful companion crop? Burrows, V D *Forage Notes (Ottawa)* 18 (1): 25. Spring 1973

078331 60.8 F742
Kay orchardgrass moderately winter hardy. [Dactylis]. Knowles, R P *Forage Notes (Ottawa)* 18 (1): 25-26. Spring 1973

078332 60.8 F742
Performance of fine fescues. [Festuca]. Taylor, D K *Forage Notes (Ottawa)* 18 (1): 27-28. Spring 1973

078333 60.8 F742
Distribution of some native grasses in Canadian Northwest. Brink, V C *Forage Notes (Ottawa)* 18 (1): 31-32. Spring 1973

078334 60.8 F742
Productivity of crested wheatgrass pastures. [Agropyron cristatum]. Looman, J *Forage Notes (Ottawa)* 18 (1): 32-33. Spring 1973

078335 60.8 F742
Range renovation. Smoliak, S *Forage Notes (Ottawa)* 18 (1): 40-41. Spring 1973

078336 60.8 F742
Seeded pastures. Smoliak, S *Forage Notes (Ottawa)* 18 (1): 41-42. Spring 1973

078337 60.8 F742
Effect of row spacing & seeding rate on seed production of red & alsike clover & birdsfoot trefoil. Pankiw, P *Forage Notes (Ottawa)* 18 (1): 5-6. Spring 1973

078338 298.8 G33
Results with durum wheat – culture experiments in southern German area. (Ger) Snoy, M *Getreide Mehl Brot* 26 (12): 328-336. Map. Ref. Dec 1972

078339 S19.G5
Effect of inter-ridge & within-ridge plant spacing on performance of groundnuts (Arachis hypogaea) in northern Ghana. Mercer-Quarshie, H *Ghana J Agr Sci* 5 (2): 103-109. 1972

078340 S19.G5
Effects of plant density on growth, development & grain yield of two varieties of cowpea, Vigna unguiculata (L) Walp. Haizel, K A *Ghana J Agr Sci* 5 (3): 163-171. Dec 1972

078341 S19.G5
Effect of plant spacing within ridge on grain yield & its components in varieties of tall, late maturing sorghum. Mercer-Quarshie, H *Ghana J Agr Sci* 5 (3): 173-181. Ref. Dec 1972

078342 S19.G5
Comparative dry matter yield patterns of grass/legume mixtures & their pure stands. [Andropogon gayanus, Digitaria decumbens, Centrosema pubescens, Desmodium leiocarpum). Tetteh, A *Ghana J Agr Sci* 5 (3): 195-199. Dec 1972

078343 S15.G5
Joint pastures. (Por) Lalli, F A *Gleba* 16 (204): 24-26. Oct 1972

078344 S15.G5
Elephantgrass (Pennisetum purpureum). (Por) Lalli, F A *Gleba* 18 (205): 25-26. Nov 1972

078345 S15.G5
Congo grass Sectaria sphacelata (Schum.) Stapf & Hubbard. (Por) Lalli, F A *Gleba* 18 (206): 12. Dec 1972

078346 S15.G5
Sugarcane: From planting to harvest. (Por) Gondim, G S *Gleba* 19 (207): 10-11. Jan 1973

078347 S15.G5
Forage sorghum. (Por) Carvalho, S R de *Gleba* 19 (207): 12-13. Jan 1973

078348 17 SCH9
Soybean culture in Switzerland, crop of future? (Ger) Schweizer, E W *Grune* 101 (16): 584-589. Apr 20, 1973

078349 17 SCH9
Considerations about hay harvest of 1973. (Ger) Luder, W *Grune* 101 (19): 677-679. May 11, 1973

078350 17 SCH9
Natural basis for forage cropping production planning in mountain area. (Ger) Dietl, W *Grune* 101 (21): 747-759. May 25, 1973

078351 11 H152
Spring oil plants – a good interim crop. (Swe) Jonsson, P O *Hallands Lans Hushallningssallsk Tidskr* 16 (1): 24-25. Feb 1973

078352 11 H152
A new grain record from Halland. (Swe) Pettersson, I *Hallands Lans Hushallningssallsk Tidskr* 16 (1): 9-11. Feb 1973

078353 69.9 J27
Studies on factors of cultivation relating to movement of cutters group production ratio on fluecured tobacco. (Jap) Nikura, M *Hatano Tobacco Exp Sta Bull* 71: 1-47. Ref. Eng. Sum. Mar 1972

078354 44.8 H65
You can lose a third of your alfalfa crop. Voelker, H *Hoards Dairyman* 118 (10): 681. May 25, 1973

078355 44.8 L12
Losses in haymaking. (Swe) Frennberg, J C *Husdjur* 4: 23-25. Apr 6, 1973

078356 S53.E2
Sugar beet trials at two locations in eastern Idaho. Owens, E W *Idaho Agr Res Progr Rep* 164, 7 P. Apr 1973

078357 HD2065.6.A8
Possible increase of production by improved agricultural technology. (Ger) Muckenhausen, E *In Steigerung der Landwirtschaftlichen Produktion und ihr E Weiterverarbeitung in Afghanistan* 6: 103-120. Map. 1972

078358 100 IN2P (1)
Performance & adaptation of small grains in Indiana. Day, K M *Ind Agr Exp Sta Res Bull* 896, 14 P. Map. Feb 1973

078359 100 IN2P (1)
Alfalfa variety performance trial 1970 – 1972. Thompson, T E *Ind Agr Exp Sta Res Bull* 900, 6 P. Apr 1973

078360 100 IN2RES
Abe soft red winter wheat. Patterson, F L *Ind Agr Exp Sta Res Progr Rep* 413, 4 P. Feb 1973

078361 55.9 IN222
Some observations on performance of crops under waterlogged conditions, periodical fluctuations in water-table & efficacy of cropping patterns. Zende, G K *India Cent Board Irrig Power Publ* 118 (V. 1): 151-160. Ref. Dec 1972

078362 55.9 IN222
Cropping patterns for waterlogged areas. Sandhu, J S *India Cent Board Irrig Power Publ* 118 (V. 1): 161-175. Ref. Dec 1972

078363 55.9 IN222
Rotational canal closure & multiple cropping in Hirakud Ayacut area. Lenka, D *India Cent Board Irrig Power Publ* 118 (V. 2): 49-52. Dec 1972

078364 S19.I55
Sunflower has come to stay. Singh, V *Indian Farmers' Dig* 5 (7): 39-41. July 1972

078365 22 AG83I
Response of hybrid pearl-millet to nitrogen, phosphorus, & potassium in different agro-climatic zones of Gujarat. Patel, A S *Indian J Agr Sci* 42 (11): 1024-1027. Nov 1972

078366 22 AG83I
Optimum spacing & fertilizer requirement of dwarf varietie s of rice (Oryza sativa L.). Singh, Y P *Indian J Agr Sci* 42 (11): 1036-1041. Nov 1972

078367 22 AG83I
Economics of crop rotation in bundelkhand region of Uttar pradesh. Pandey, U K *Indian J Agr Sci* 42 (11): 1052-1053. Nov 1972

078368 22 IN235
Effect of plant spacings, nitrogen, phosphorus & potash on yield of hybrid jowar (Sorghum vulgare) in different soil types of Rajasthan. Shekhawat, G S *Indian J Agron* 17 (4): 300-302. Dec 1972

078369 102.5 P413
Determination of method & density of seedings for cultivars of oleaginous flax. (Spa) Rural, P P A *Inf Tec Estac Exp Reg Agropecu Pergamino INTA (inst Nac Tecnol Agropecu)* 118, 15 P. Eng. Sum. Oct 1972

078370 S15.A7
Description of 'Frondoso INTA' variety of sweet sorghum (Sorghum vulgare Pers.) var. saccharatum Moench. (Spa) Parodi, R A *Inf Tec Inst Nac Tecnol Agropecu Estac Exp Agropecu (manfre Di)* 46, 4 P. June 1972

078371 S15.A7
Forage & oleaginous cereal cultivars obtained in Manfredi Agricultural Experiment Station. (Spa) *Inf Tec Inst Nac Tecnol Agropecu Estac Exp Agropecu (manfre Di)* 51, 53 P. June 1972

078372 504 B835B
Mirwart: Nitrogen mineralization of meadows. (Fre) Herbauts, J *Inst Roy Sci Natur Belg Bull* 48 (9): 14 P. Ref. Oct 31, 1972

078373 64.9 IN7
Investigations on potential productivity of winter wheat varieties. I. Comparison of productivity of varieties. (Pol) Ruszkowski, M *Inst Uprawy Nawozenia Glebozn Pamiet Pulawski* 54: 29-40. Ref. Eng. Sum. 1972

078374 64.9 IN7
Investigations on potential productivity of winter wheat varieties. II. influence of nitrogen fertilizing. (Pol) Ruszkowski, M *Inst Uprawy Nawozenia Glebozn Pamiet Pulawski* 54: 41-50. Eng. Sum. 1972

078375 64.9 IN7
Influence of sowing dates & rate on growth, development & yield of two winter wheat varieties under conditions of Lublin province. (Pol) Chlopecki, K *Inst Uprawy Nawozenia Glebozn Pamiet Pulawski* 54: 5-27. Ref. Eng. Sum. 1972

078376 64.9 IN7
Comparison of productivity of several species of grasses cultivated for fodder in pure culture on mineral mursh soil. (Pol) Bochniarz, J *Inst Uprawy Nawozenia Glebozn Pamiet Pulawski* 54: 95-107. Ref. Eng. Sum. 1972

078377 61.9 IN8
Progress in plant variety protection with privately developed varieties. [Legislation]. Neely, J W *Int Crop Impr Ass Annu Rep* 54: 66-71. 1972

078378 61.9 IN8
Plant variety protection for publicly developed varieties. [Legislation]. Kramer, H H *Int Crop Impr Ass Annu Rep* 54: 71-76. 1972

078379 61.9 IN8
Progress under U.S. Plant Variety Protection Act. Rollin, S F *Int Crop Impr Ass Annu Rep* 54: 76-81. 1972

078380 61.9 IN8
A public agency viewpoint on varietal certification. Cowan, J R *Int Crop Impr Ass Annu Rep* 54: 93-99. 1972

078381 61.9 IN8
Recent happenings of interest in seed industry. Behrent, D F *Int Crop Impr Ass Annu Rep* 54: 99-102. 1972

078382 65.8 IN8
Optimal rrplanting time for sugar cane. Simmonds, N W *Int Sugar J* 75 (892): 107-108. Apr 1973

078383 20 M57AG
Production of alfalfa & clover seeds in Poland. (Ger) Zienkowicz, B *Int Z Landwirt* 2: 182-184. 1973

078384 20 M57AG
Increase of red clover seeds in Perm area. (Ger) Mina, W *Int Z Landwirt* 2: 184-186. 1973

078385 20 M57AG
Agrotechnique for red clover seed production. (Ger) Jasinska, H Z *Int Z Landwirt* 2: 187-190. Ref. 1973

078386 20 M57AG
Production of clover & alfalfa seeds in Czechoslovak Republic. (Ger) Pokorny, B *Int Z Landwirt* 2: 190-193. 1973

078387 S9.I83
Report on activities of Agronomic Experimental Institute for 1971. (Ita) Lanza, F *Ist Sper Agron Ann* 2 (2): 253-298. Eng. Sum. 1971 (Pub. 1972)

078388 S9.I83
A few models of herbaceous cropping systems – results & prospects – crop rotation & specialized cropping. (Ita) Lanza, F *Ist Sper Agron Ann* 2 (2): 299-312. Eng. Sum. 1971 (Pub. 1972)

078389 S9.I83
Information on a three-year experiment (1969 – 71) with new extra early durum wheat 'ISA I'. (Ita) Dionigi, A *Ist Sper Agron Ann* 2 (2): 335-353. Eng. Sum. 1971 (Pub. 1972)

078390 60.18 J82
Responses of semidesert grasses to seasonal rest. [Grazing]. Martin, S C *J Range Manage* 26 (3): 165-170. May 1973

078391 60.18 J82
Simulated grazing management systems in relation to shrub growth responses. Willard, E E *J Range Manage* 26 (3): 171-174. Ref. May 1973

078392 60.18 J82
Effects of range burning on Kansas Flint Hills soil. Owensby, C E *J Range Manage* 26 (3): 185-188. Ref. May 1973

078393 60.18 J82
Rootplowing & seeding arid rangelands in Southwest. Herbel, C H *J Range Manage* 26 (3): 193-197. May 1973

078394 60.18 J82
Mountain meadow improvement through seeding. [Weed control]. Eckert, R E *J Range Manage* 26 (3): 200-203. Ref. May 1973

078395 60.18 J82
Reproductive success of squirreltail in medusahead infested ranges. [Sitanion hystrix, Taeniatherum asperum]. Hironaka, M *J Range Manage* 26 (3): 219-221. May 1973

078396 60.18 J82
A modification of slanting deer fence. [Range management]. Messner, H E *J Range Manage* 26 (3): 233-235. May 1973

078397 382 SO12
Varietal & environmental difference in proteins of groundnut (Archis hypogaea). Dawson, R *J Sci Food Agr* 24 (5): 597-609. Ref. May 1973

078398 60.9 J27
Burning temperatures of grasslands in Japan. V. comprehensive consideration on burning temperatures. [Zoysia, Miscanthus, Sasa]. (Jap) Iwanami, Y *Jap Soc Grassland Sci J* 18 (3): 135-143. Ref. Eng. Sum. Oct 1972

078399 60.9 J27
Burning temperature of grassland in Japan. VI. comprehensive consideration on burning temperatures.2. (Jap) Iwanami, Y *Jap Soc Grassland Sci J* 18 (3): 144-151. Ref. Eng. Sum. Oct 1972

078400 60.9 J27
Botanical structure of sown grassland. I. On death of slender plant in orchardgrass sward. [Dactylis, harvesting, fertilizers]. (Jap) Ishida, R *Jap Soc Grassland Sci J* 18 (3): 196-201. Ref. Eng. Sum. Oct 1972

078401 60.9 J27
Studies on surface sowing in grassland establishment. I. Effects & applicability of wet methods of coating seeds. (Jap) Hirota, H *Jap Soc Grassland Sci J* 18 (4): 299-309. Ref. Eng. Sum. Dec 1972

078402 60.9 J27
Studies on surface sowing in grassland establishment. II. Making tablets with seeds by direct compression method. (Jap) Hirota, H *Jap Soc Grassland Sci J* 18 (4): 310-319. Ref. Eng. Sum. Dec 1972

078403 SB13.L32
Minimum tillage as a method of seedbed preparation for establishment of overseeded species in Highland Sourveld of Natal. [Grassland farming]. Edwards, P J *Landbouwet S-Afr Agric Sci S Afr Agroplantae* 4 (2): 23-27. 1972

078404 11 L236
Grain varieties for 1973. (Nor) Brun, L *Landbrukstidende* 79 (11): 272-276. Mar 17, 1973

078405 11 L236
Should pasture seed be sown in rows or broadcast? (Nor) Tranmael, T *Landbrukstidende* 79 (14): 348-349. Apr 7, 1973

078406 11 L29
Can we grow more oil plants? (Swe) Andersson, G *Lantbrukstidskr Dalarna* 86 (1): 10-12. 1973

078407 11 L293
Selection of grain varieties. (Swe) Persson, L *Lantbrukstidskr Jamtland Harjedalen* 26 (1): 3-7. 1973

078408 12 L29
Results of oil plant trials. [Varieties]. (Swe) Bjorgarden, S *Lantbrukstidskr Stockh Lan Stad* 23 (1): 11. 1973

078409 12 L29
Variety trials & variety selection. [Field crops]. (Swe) Bjorgarden, S *Lantbrukstidskr Stockh Lan Stad* 23 (1): 3-7. 1973

078410 12 L29
Spring oil plants. (Swe) Hook, A *Lantbrukstidskr Stockh Lan Stad* 23 (1): 9-11. 1973

078411 11 L234
Make use of quality seed for pasture sowing. (Swe) Steen, E *Lantmannen* 84 (6): 9-10. Mar 30, 1973

078412 59.8 L39
Potential of irrigable plains in Brazil. [Rice]. (Por) Santos Medes, F dos *Lav Arrozeira* 26 (271): 4-7. Jan/Feb 1973

078413 59.8 L39
Study on productivity of soybeans. (Por) Moraes, C de *Lav Arrozeira* 26 (271): 47-53. Jan/Feb 1973

078414 59.8 L39
National trial of rice varieties. [Brazil]. (Pro) Estrela, P N A *Lav Arrozeira* 26 (271): 8. Jan/Feb 1973

078415 9.2 L39
Pastures on border of Rio Grande do Sul. [Sheep, cattle]. (Por) Mendes Barcellos, J *Lavoura* 76 (1): 16-23. Jan/Feb 1973

078416 286.89 C16
Evaluation of new variety introductions. [Tobacco]. White, F H *Lighter* 43 (2): 10-15. Spring 1973

078417 66.8 L69
Assertion of progressive cultivation methods of sugar beet in 1971. (Cze) Kec, V *Listy Cukrov* 89 (2): 26-33. Eng. Sum. Jan 15, 1973

078418 66.8 L69
Varietal tests with sugar beet seed in year 1972. (Cze) Schmidt, L *Listy Cukrov* 89 (3): 49-55. Eng. Sum. Mar 15, 1973

078419 QK358.M3
On some aspects of grasslands of western India. Rolla, S R *Maharashtra Vidnyan Mandir Patrika* 7 (1/2): 4-13. Ref. Mar-/Oct 1972

078420 S11.O78
Results of variety trials in Ostergotland. [Grain]. (Swe) Hultkvist, L *Medlemsbl Ostergotlands Lans Hushallningssallsk* 6 (1):, 14. 1973

078421 S13.M4
Technology of industrial poppy-seed production. (Cze) Schreier, J *Metod Zavadeni Vysledku Vyzk Praxe* 1, 16 P. 1973

078422 S13.M4
Agricultural technology of cerals grown in mountain regions. (Cze) Ulmann, L *Metod Zavadeni Vysledku Vyzk Praxe* 10, 21 P. 1972

078423 S13.M4
Introduction of selected grass species & varieties for pastures. (Cze) Krcmar, B *Metod Zavadeni Vysledku Vyzk Praxe* 23, 23 P. Ref. 1972

078424 SF221.M5
Plan for pasture fertilization & utilization – a support for memory & planning. (Ger) Mott, N *Milch Praxis* 11 (1): 6-7. Feb 1973

078425 100 M66 (1)
Varietal trials of farm crops. [Field crops]. *Minn Agr Exp Sta Misc Rep* 24, Rev. 28 P. Map. Dec 1972

078426 100 M668
Wild rice historic commodity under study. Zarkin, Da *Minn Sci* 29 (1): 13-14. 1973

078427 18 N39
Variety selection & change of seed of summer grain. (Ger) Bernerode, W S *Mitt Deut Landwirt-ges* 88 (11): 296, 298. Mar 15, 1973

078428 18 N39
Albrecht Thaer & crop farming in England. (Fre) Golisch, G *Mitt Deut Landwirt-ges* 88 (12): 326, 328. Mar 22, 1973

078429 18 N39
Yield performance of sugar beets. (Ger) Winner, C *Mitt Deut Landwirt-ges* 88 (13): 352-353. Mar 29, 1973

078430 18 N39
Correct seeds for 1973 corn cultivation. (Ger) Eisele, K *Mitt Deut Landwirt-ges* 88 (13): 355-356. Mar 29, 1973

078431 17 M69
Results of three years of trials with mixed varieties. [Grasses, planting, legumes]. (Ger) Guyer, H *Mitt Schweiz Landwirt* 21 (1): 71-84. Apr 1973

078432 17 M69
Comparative varietal experiments with Westerwold ryegrass & Italian ryegrass. [Lolium, culture]. (Ger) Troxler, J *Mitt Schweiz Landwirt* 21 (4): 84-93. Apr 1973

078433 451 M854
On some features of planting stock of Potentilla erecta (L.) Raeusch. [Seed culture]. (Rus) Tikhonova, V L *Moscow Gl Bot Sad Byul* 87: 94-99. 1973

078434 S19.M9
Response of ragi millet varieties to agronomic manipulations. Rajashekara, B G *Mysore J Agr Sci* 6 (4): 387-392. Ref. 1972

078435 S19.M9
Effect of spacing & fertilizer application on growth & yield of jaya, IR-8 & IR-5 varietties of paddy. [Rice]. Urs, Y S V *Mysore J Agr Sci* 6 (4): 399-404. 1972

078436 S19.M9
Investigations on varietal difference in grain yield of maize (Zea mays L.). Krishnamurthy, K *Mysore J Agr Sci* 6 (4): 421-425. 1972

078437 S19.M9
Performance & stability parameters of some recently developed rice varieties in Mysore State. Gowda, R T S *Mysore J Agr Sci* 6 (4): 430-434. 1972

078438 S19.M9
A preliminary study on methods of planting soybean in clay loam soil. Shrivastava, U K *Mysore J Agr Sci* 6 (4): 505-507. 1972

078439 100 M69MI
Stoneville wide-bed cultural systems. [Cotton]. Fulgham, F E *MAFES Res Highlights (miss Agric For Exp Stn)* 36 (5): 3,5,6,7. May 1973

078440 100 M69MI
Row width effect on cotton performance. Andries, J A *MAFES Res Highlights (miss Agric For Exp Stn)* 36 (5): 4,7. May 1973

078441 100 N27O
Performance of soybean varieties in Nebraska, 1972. Dreier, A F *Nebr Agr Exp Sta Outstate Test Circ* 150, 18 P. Dec 1972

078442 100 N27O
Proso grain variety tests, 1972. Nelson, L A *Nebr Agr Exp Sta Outstate Test Circ* 154, 12 P. Mar 1973

078443 S537.M3A2
Bromegrass. [Bromus, culture]. Guenthner, H R *Nev Univ Max C Fleischman Coll Agr C* 126, 6 P. Mar 1973

078444 S537.M3A2
Orchardgrass. [Dactylis, culture]. Guenth Er, H R *Nev Univ Max C Fleischman Coll Agr C* 127, 6 P. Mar 1973

078445 S537.M3A2
Tall fescue. [Festuca elatior, culture]. Guenthner, H R *Nev Univ Max C Fleischman Coll Agr C* 128, 6 P. Mar 1973

078446 11 N8122
A pasture of mixed grasses must adapt to new techniques of cultivation. (Nor) Gronnerod, B *Norsk Landbruk* 8: 11, 28. Apr 18, 1973

078447 10 N81
Establishment of grassland swards. *Northern Ireland Min Agr Adv Serv Leafl* 119, 11 P. 1973

078448 20.5 N86
Management of permanent grassland. (Pol) Moraczewski, R *Nowe Roln* 22 (7/8): 33-34. Apr 1/30 1973

078449 RA784.N8
Revered legume. [Soybeans]. Altschul, A M *Nutr Today* 8 (2): 22-29. Mar/Apr 1973

078450 SB197.B7
Annual forage crops & their use in sequence. Rogers, H H *Occas Symp Br Grassl Soc* 7: 37-45. Ref. 1972

078451 SB197.B7
Comprarative review of perennial forages. Aldrich, D T A *Occas Symp Br Grassl Soc* 7: 47-55. 1972

078452 SB197.B7
Efficiency of different forage utilisation methods. Jones, J G W *Occas Symp Br Grassl Soc* 7: 57-66. Ref. 1972

078453 464.8 OC32
Desiccation as related to two-stage harvesting white clover. (Pol) Szczuchniak, L *Ochrona Roslin* 16 (6): 7-9. June 1972

078454 307.8 OI54
Self-sufficiency in vegetable oilseeds: role of research. Rajan, S S *Oils Oilseeds J* 25 (5/6): 27-32. Nov/Dec 1972

078455 S544.3.O5O5
Plains bluestem establishment & management. [Bothriochloa ischaemum]. Rommann, L M *Okla State Univ Coop Ext Serv OSu Ext Facts* 2562, 4 P. May 1973

078456 77.8 OL2
Production of oil palm plant material: Choice of germinated seeds. (Fre) Wuidart, W *Oleagineux* 28 (2): 67-69. Feb 1973

078457 100 OR3M
Grass-clover pastures & livestock production in Oregon. [Sheep]. Dawson, M D *Oreg Agr Exp Sta Spec Rep* 382: 1-13. May 1973

078458 S590.P6
Effect of soil compaction on growth of & yields of sunflower cultivated on slightly leached Chernozem. (Bul) Simeonov, B *Pochvozn Agrokhim* 8 (1):31-36. Ref. Eng. Sum. 1973

078459 20.5 P84
An attempt to determine reduction coefficients for forecasting yields of basic crops under production conditions on basis of exact tests. (Pol) Jezewski, Z *Postepy Nauk Roln* 19 (6): 55-80. Ref. Nov/Dec 1972

078460 20.5 P84
A review of most important investigations on utilzation, growing & breeding of winter vetch (Vicia villosa Roth.). (Pol) Mlyniec, W *Postepy Nauk Roln* 19 (6): 81-100. Ref. Nov/Dec 1972

078461 58.8 P872
Fodder roots in rotation. Merridew, J *Power Farming* 50 (4): 10-11, 22. Apr 1973

078462 304.9 P87
Method for seedling mortality reduction on flax-plantation. (Pol) Czerwiakowska, B *Poznan Inst Przemyslu Wlokien Lykowych Prace* 19: 33-45. Ref. Eng. Sum. 1972

078463 304.9 P87
Effect on hemp crop or irrigation with flax industry effluents using trail-slope method. (Pol) Kurhanski, M *Poznan Inst Przemyslu Wlokien Lykowych Prace* 19: 47-60. Ref. Eng. Sum. 1972

078464 21 R862
Tobacco growing at Agricultural Production Co-operative from Otvesti, Timis District. (Rum) Dragomir, C *Probl Agr (bucharest)* 24 (12): 59-64. 1972

078465 21 R862
Agrophytotechnical steps aiming at increasing soybeans yield under non -irrigation conditions. (Rum) Pintilie, C *Probl Agr (bucharest)* 25 (4): 26-30. Eng. Sum. Apr 1973

078466 21 R862
Relations between plant density, yield & structure of yield components & some morphological characters in soybeans on a brown-reddish forest soil. (Rum) Costache, D *Probl Agr (bucharest)* 25 (4): 34-42. Eng. Sum. Apr 1973

078467 21 R862
Soybeans varieties grown & seed production technology. (Rum) Dencescu, S *Probl Agr (bucharest)* 25 (4): 5-12. Apr 1973

078468 21 R862
Results obtained in soybeans growing at State Agricultural Enterprise from Afumati, Ilfov District. (Rum) Cocosila, A *Probl Agr (bucharest)* 25 (4): 78-90. Apr 1973

078469 281.9 B87
After difficult corn season, agroclimatic conditions in 1972. (Fre) Gerbier, M *Prod Agr Fr* 22 (4): 29, 31. Apr 1, 1973

078470 281.9 B87
How to choose an alfalfa variety. (Fre) Plancquaert, P *Prod Agr Fr* 49 (127): 26. Apr 1, 1973

078471 281.9 B87
Seeding sunflowers. (Fre) Rollier, M *Prod Agr Fr* 49 (127): 27. Apr 1, 1973

078472 6 P9452
Plants for irrigated pasture. Renney, C W *Progr Agr Ariz* 25 (1): 12-13. Jan/Mar 1973

078473 S19.P7
Proper spacing of rice plants increases its yield. Chela, K S *Progr Farming* 9 (9): 11-12. May 1973

078474 S19.P7
Care of early sown sugarcane. Chela, K S *Progr Farming* 9 (9): 13. May 1973

078475 S19.P7
Do not grow Bikaneri narma in Punjab. [Cotton]. Singh, T H *Progr Farming* 9 (9): 5-7. May 1973

078476 100 N27N
Western Nebraska winter wheat makes good forage. Daigger, L A *Q Serv Farm Ranch & Home Univ Nebr, Coll Agric* 20 (1): 20-21. Spring 1973

078477 100 N27N
No tillage crop production. [Corn, sorghum, wheat]. Wicks, G A *Q Serv Farm Ranch & Home Univ Nebr, Coll Agric* 20 (1): 4-6. Spring 1973

078478 23 Q37
Comparisons among strains of tobacco cultivar Hicks illustrating variability within a single cultivar. Gordon, I L *Queensland J Agr Anim Sci* 29 (4): 255-264. Ref. Dec 1972

078479 64.8 R18
On sainfoin seed production alone or in association with orchard grass or red fescue. [Dactylis glomerata, Festuca rubra]. (Bul) Prodanov, I *Rastenievud Nauk* 10 (1): 119-128. Ref. Eng. Sum. 1973

078480 64.8 R18
Possible aerial desiccation of rice crop with diquat. (Bul) Khristov, G *Rastenievud Nauk* 10 (1): 141-149. Ref. Eng. Sum. 1973

078481 64.8 R18
Biological & commercial qualities of introduced soybean varieties. (Bul) Konova, L *Rastenievud Nauk* 10 (1): 21-33. Ref. Eng. Sum. 1973

078482 64.8 R18
Study on planting density of inbred maize lines. (Bul) Presolska, P *Rastenievud Nauk* 10 (1): 51-59. Ref. Eng. Sum. 1973

078483 64.8 R18
Irrigation, mineral fertilizing & planting density as affecting grain yield of maize grown in area of Rousse irrigation system. (Bul) Dimitrov, D A *Rastenievud Nauk* 10 (1): 61-71. Ref. Eng. Sum. 1973

078484 64.8 R18
Study on influence of mineral fertilizing upon yield of Bezostaya 1 wheat variety. (Bul) TSonev, TS A *Rastenievud Nauk* 10 (1): 73-79. Ref. Eng. Sum. 1973

078485 64.8 R18
Relation between irrigation & fertilizing in growing sunflower. (Bul) Vitkov, M *Rastenievud Nauk* 10 (1): 81-92. Eng. Sum. 1973

078486 450 R18
Natural forage resources of USSR & prospects of their increase. (Rus) Matveeva, E P *Rastitel Resursy* 8 (4): 485-490. Ref. 1972

078487 100 OK4M
Alfalfa variety test. Taliaferro, C M *Res Rep P Agric Exp Stn Okla State Univ* 684: 28. May 1973

078488 100 OK4M
Sorghim cultural practices & varietal environmental interaction experiments. Denman, C E *Res Rep P Agric Exp Stn Okla State Univ* 684: 31. May 1973

078489 100 OK4M
1972 Mungbean tests. Kirby, J S *Res Rep P Agric Exp Stn Okla State Univ* 684: 33-37. May 1973

078490 100 OK4M
Small grains research. [Crop yields]. Pass, B *Res Rep P Agric Exp Stn Okla State Univ* 684: 8-12. May 1973

078491 9.2 C332
Comparison between two methods of irrigating pots in a greenhouse. (Por) Braga, J M *Rev Ceres* 19 (106): 395-402. Ref. Eng. Sum. Nov/Dec 1972

078492 9.2 C332
Influence of interplanted green manure & management of straw on erosion losses in cultivation of corn. (Por) Silva, T C A da *Rev Ceres* 19 (106): 416-423. Eng. Sum. Nov/Dec 1972

078493 24 R34
Labour & methods used in maize harvesting. De Jong, J *Rhodesia Agr J* 70 (2): 41-45. Mar/Apr 1973

078494 SF1.R54
Treasure of marshes. [Rice culture]. (Ita) Dominione, C *Rilancio Agric Vet Zootec* 4 (10): 8-10. 1972

078495 SF1.R54
After wheat, maize & sorghum. [Forage plants]. (Ita) Dominione, C *Rilancio Agric Vet Zootec* 4 (7): 14-15. 1972

078496 SF1.R54
Cultural & genetic techniques used for improvement of corn for animal feeding. (Ita) Mainardi, B *Rilancio Agric Vet Zootec* 4 (7): 4-6. 1972

078497 64.9 C33
Effect of some cultural practices on yields of winter wheat on brown forest soil. (Cze) Kristan, F *Rostlinna Vyroba* 19 (1): 41-49. Ref. Eng. Sum. Jan 1973

078498 64.9 C33
On investigation of viocoenoses (zoocoenoses) in soils of meadow stands in case of different grassland techniques. (Cze) Turek, F *Rostlinna Vyroba* 19 (1): 59-68. Ref. Eng. Sum. Jan 1973

078499 64.9 C33
Effect of time & methods of sowing of lucerne on yields of fodder & seeds. (Cze) Beran, V *Rostlinna Vyroba* 19 (1): 75-88. Ref. Eng. Sum. Jan 1973

078500 100 SO82 (1)
Chief oats. [Varieties]. Reeves, D L *S Dak Agr Exp Sta Bull* 610, 3 P. May 1973

078501 QH431.A1S25
Influence of plant spacing on yield components of spring wheat in breeding nursery. (Cze) Skorpik, M *Sb UVti Genet Slechteni (ustav Vedeckotech Inform)* 9 (46): 45-54. Eng. Sum. Jan 1973

078502 100 P381S
Seedling depth decisive among certain legumes. McKee, G W *Sci Agr* 20 (3): 7. Spring 1973

078503 470 SCI2
Cotton remains from archeological sites in central coastal Peru. Stephens, S G *Science* 180 (4082): 186-188. Apr 13, 1973

078504 65.8 SE4
Experiments with vetch plant Vicia narbonensis. (Tur) Bilgin, Y *Seker* 23 (86): 18-27. Eng. Sum. Jan 1973

078505 SB123.A2S4
Effect of harvesting dates & ripening conditions on forming winter wheat yield. (Rus) Makrushin, N M *Selek Semenovod (kiev)* 22: 66-75. 1972

078506 SB123.A2S4
Effect of agrotechnical procedures on planting & yield qualities of hemp seeds. (Rus) Demkin, A P *Selek Semenovod (kiev)* 22: 92-97. 1972

078507 61.9 SE5
Spring wheat on Don. (Rus) Grabovets, A I *Selek Semenovod (moscow)* 1: 46-48. Jan/Feb 1973

078508 61.9 SE5
Improvements needed in corn seed culture. (Rus) Khadzhinov, M I *Selek Semenovod (moscow)* 2: 15-18. Mar/Apr 1973

078509 61.9 SE5
On productivity of second-generation corn hybrids. (Rus) Vedeneev, G I *Selek Semenovod (moscow)* 2: 33-34. Mar/Apr 1973

078510 61.9 SE5
Improving alfalfa seed culture. (Rus) Kapyrin, L P *Selek Semenovod (moscow)* 2: 56-58. Mar/Arp 1973

078511 61.9 SE5
Relationship between clover seed yields & sge of grass stand & harvesting dates. (Rus) Purtov, G M *Selek Semenovod (moscow)* 2: 58-59. Mar/Apr 1973

078512 61.9 SE5
New alfalfa varieties for irrigated cultivation. (Rus) Gasanenko, L S *Selek Semenovod (moscow)* 2: 59-60. Mar/Apr 1973

078513 61.9 SE5
Narrow-leaf lupine for feed. [Forage plants, culture]. (Rus) Kalinina, L V *Selek Semenovod (moscow)* 2: 60-62. Mar/Apr 1973

078514 61.9 SE5
Uzbekskaia Polusakharnaia beets for feed. [Forage plants, varieties]. (Rus) Kadamov, S K *Selek Semenovod (moscow)* 2: 62-63. Mar/Apr 1973

078515 21 SE492
Problems of forage industry during sixth five years period. (Bul) Cheshmedzhiev, B V *Selskostop Nauk* 12 (1): 19-27. Eng. Sum. 1973

078516 21 SE492
Academician Atanas Popov 1906-1972. [Agronomists]. (Bul) Stoev, K *Selskostop Nauk* 12 (1): 3-4. 1973

078517 S13.S55
Role of preceding crops in crop rotation on developed land. (Rus) Gorobchenko, M M *Sib Vestn S-kh Nauk* 1: 1-5. Jan/Feb 1973

078518 S13.S55
Comparative evaluation of economic & biological characteristics of diploid & tetraploid forms of buckwheat. (Rus) Pobedonostseva, E A *Sib Vestn S-kh Nauk* 1: 23-26. Ref. Jan/Feb 1973

078519 S13.S55
Further studies on soil area of nutrition for plants. [Sugar beets, sunflowers, planting]. (Rus) Siniagin, I I *Sib Vestn S-kh Nauk* 1: 5-9. Jan/Feb 1973

078520 9.4 SO1
Corn for cold climate: New varieties. (Spa) Arias Fandino, E *Soc Antioquena Agr Bol Agr* 623: 12866-12870. Oct 1972

078521 9 SO1
Energy supplementation in winter pasture. [Cattle]. (Spa) Guarrochena, R *Soc Rural Argent An* 106 (12): 36-39, 41. Dec 1972

078522 1.6 SO3S
A new crop for North Country. [Rice]. Price, V J *Soil Conserv* 38 (9): 187-189, 201. Apr 1973

078523 56.8 SO3
In recognition of Richard Bradfield on occasion of his seventy-seventh birthday. [Agronomists]. Cline, M G *Soil Sci* 115 (4): 273-275. Apr 1973

078524 SB123.A1S8
Use of some cruciferous crops as forage (review). (Cze) Radej, J *Stud Inf Rostl Vyroba* 1, 60 P. Ref. Eng. Sum. 1973

078525 HD1940.C95S82
Technical & economic characteristics of production & post-harvest treatment of cereals with regard to future development. (review). (Cze) Lanca, I *Stud Inf Zemed Ekon* 6, 80 P. Ref. Eng. Sum. 1972

078526 65.8 SU391
Higher sugarcane yields through higher populations. Matherne, R J *Sugar J* 35 (12): 9-12. Ref. May 1973

078527 61.8 SV2
Lucerne research in Europe. [Alfalfa]. (Swe) Bingefors, S *Svensk Frotidn* 42 (5): 80-83. May 15, 1973

078528 66.9 SV22
30 Years of cultivating sugar beets in Sweden. (Swe) Bjurling, J *Sver Betodlares Centralforen Betodlaren* 35 (4): 142-146. 1972

078529 66.9 SV22
Variety trials with sugar beets. (Swe) Bengtsson, A *Sver Betodlares Centralforen Betodlaren* 36 (1): 32-35. 1973

078530 66.9 SV22
1972 sugar beet harvest. (Swe) Poppius, E *Sver Betodlares Centralforen Betodlaren* 36 (1): 40-41. 1973

078531 22.5 AG823
Effects of harvesting dates in fiber yield & quality of flax. (Jap) Hsiung, K T *Taiwan Agr Res J* 21 (4): 264-272. Eng. Sum. Dec 1972

078532 65.9 F76R
Studies on yield of long-term sugarcane in relation to different planting & harvesting times. (Chi) Huang, C T *Taiwan Sugar Exp Sta Rep* 57: 13-28. Eng. Sum. Sept 1972

078533 100 T25S (1)
1972 Performance of field crop varieties: corn, grain sorghum, summer annuals, oats, rye, barley, wheat, alfalfa, red clover, tobacco, soybeans. Graves, C R Agricultural Experiment Station *Tenn Agr Exp Sta Bull* 503, 68 P., Map. Dec 1972

078534 100 T25S (1)
1972 Performance of cotton varieties. Hoskinson, P E Agricultural Experiment Station *Tenn Agr Exp Sta Bull* 504, 48 P. Jan 1973

078535 100 T25F
Extending season of forage production on bermudagrass sods by overseedings. [Cynodon dactylon]. Fribourg, H A *Tenn Farm Home Sci Progr Rep* 85: 2-7. Ref. Jan/Mar 1973

078536 S9.T4
Sorghum: a development for livestock? [Culture]. (Ita) Baldoni, R *Terra Vita* 13 (38): 16-17. Sept 29, 1972

078537 S9.T4
A good type of wheat. [Varieties]. (Ita) Campana, G *Terra Vita* 13 (46): 18-19. Nov 24, 1972

078538 S9.T4
Triticale returning to scene. [Culture]. (Ita) Cattabriga, D *Terra Vita* 13 (49): 17. Dec 15, 1972

078539 49 T445
Spring seeding in field forage cropping. (Ger) Hubner, R *Tierzuchter* 25 (3): 116 118. Mar 5, 1973

078540 HD9130.1.T6
Mechanical harvesting of flue-cured tobacco. 3. Lamina bruising & midrib crushing characteristics. Suggs, C W *Tob Sci* 16: 150-153. 1972

078541 HD9130.1.T6
Effects of leaf numbers & sucker control & topping methods on flue-cured tobacco production. Kittrell, B U *Tob Sci* 16: 154-156. Ref. 1972

078542 HD9130.1.T6
Yield & value of Burley tobacco as affected by exposure to weather during harvesting. Link, L A *Tob Sci* 16: 52-54. 1972

078543 451 ER43
On problem of early diagnosis of yield capacity of wheat. (Rus) Kazarian, V O *Tr Bot Inst Akad Nauk Arm SSR* 18: 48-55. Ref. 1972

078544 64.8 Z12
Effect of variety & former crop on overwintering & spring regeneration of winter wheat. (Cze) Prikryl, K *Uroda* 21 (1): 11. 1973

078545 64.8 Z12
Agrotechnics of winter wheat in higher regions. (Cze) Ulmann, L *Uroda* 21 (1): 11-12. 1973

078546 64.8 Z12
Introduction of only productive oats varieties. (Cze) Trnka, M *Uroda* 21 (1): 12-15. 1973

078547 64.8 Z12
Winter rape in district Zdar nad Sazavou. (Cze) Humlicek, J *Uroda* 21 (1): 22-23. 1973

078548 64.8 Z12
Principles of crop rotation. V. Models of sowing methods for soils with lower fertility. (Cze) Kristan, F *Uroda* 21 (1): 5-8. 1973

078549 64.8 Z12
Overwintering & yield of winter cerals. (Cze) Petr, J *Uroda* 21 (1): 9-10. 1973

078550 64.8 Z12
Principles of crop rotation. VI. Research & practical experiences in crop rotation on fertile soils. (Cze) Strnad, P *Uroda* 21 (2): 46-47. 1973

078551 64.8 Z12
Role of Spring wheat in intensive production of cereals. (Cze) Petr, J *Uroda* 21 (2): 48-50. 1973

078552 64.8 Z12
Quality seed – basis for high yields of spring cereals. (Cze) Foral, A *Uroda* 21 (2): 50-52. 1973

078553 64.8 Z12
Varietal reaction of spring barley on sowing time. (Cze) Kopecky, M *Uroda* 21 (2): 54-55. 1973

078554 64.8 Z12
Technology in production of sugar beet abroad & in Czechoslovakia. (Cze) Fiedler, J *Uroda* 21 (2): 71-73. 1973

078555 64.8 Z12
Problems in between-lines distance in sugar beet. (Cze) Fiedler, J *Uroda* 21 (3): 105-107. 1973

078556 64.8 Z12
Spring fertilization of perennial forage plants grown for seed. (Cze) Velich, J *Uroda* 21 (3): 111-112. 1973

078557 64.8 Z12
Principles of crop rotation. VII. Research & practice in crop rotation on soils with lower fertility. (Cze) Krisfan, F *Uroda* 21 (3): 87-89. 1973

078558 64.8 Z12
Experience in growing prospective varieties of spring wheat. (Cze) Syrovy, J *Uroda* 21 (3): 90-91. 1973

078559 64.8 Z12
Praise of new cereal varieties. (Cze) Pavlis, J *Uroda* 21 (3): 95-96. 1973

078560 64.8 Z12
Protection of cereals against lodging. [Varieties, culture]. (Cze) Zabransky, S *Uroda* 21 (3): 96-98. 1973

078561 20 V633
Seed preparation & accurate planting of cultivated crops. [Corn, sunflowers]. (Rus) Budagov, A A *Vestn Sel'skokhoz Nauk (moscow)* 3: 100-104. Mar 1973

078562 20 V633
Growing rice with sprouts obtained without flooding. (Rus) Laktionov, B I *Vestn Sel'skokhoz Nauk (moscow)* 3: 20-24. Mar 1973

078563 20 V633
Testing different methods & planting dates for alfalfa & sainfoin. (Rus) Maksimenko, L D *Vestn Sel'skokhoz Nauk (moscow)* 3: 48-52. Mar 1973

078564 20 V633
Principles of programming yield capacity. [Field crops]. (Rus) Shatilov, I S *Vestn Sel'skokhoz Nauk (moscow)* 3: 8-14. Eng. Sum. Mar 1973

078565 20 V633
Role of alfalfa in rice crop rotation system. (Rus) Pak, K P *Vestn Sel'skokhoz Nauk (moscow)* 4: 43-48. Ref. Neg. Sum. Apr 1973

078566 20 V633
Efficiency of various pasture lands. [forage plants, productivity]. (Rus) Matsenov, V *Vestn Sel'skokhoz Nauk (moscow)* 4: 49-51. Apr 1973

078567 64.9 V67
Fodder beet experiments 1972. (Ger) Fiala, F *Vienna Bundesanst Pflanzenbau Samenprufung Vers* 196, 20 P. Feb 1973

078568 64.9 V67
Forage plants – varietal trials 1971-1972. (Ger) Wolffhardt, D *Vienna Bundesanst Pflanzenbau Samenprufung Vers* 197, 36 P. Mar 1973

078569 20 AK1
New forage grasses for northern Kazakhstan. (Rus) Postoialkov, K D *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 10: 4-5. Oct 1972

078570 20 AK1
On task of finding optimum solutions for planting dates. (Rus) Belen'kii, D Kh *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 4: 39-41. Apr 1973

078571 SB191.M2V8
Ability in utilizing residual effects of fertilized preceeding corp in maize & barley. (Slo) Truksa, J *Vysk Ustav Kukurice Ved Pr* 6: 71-83. Eng. Sum. 1972

078572 SB191.M2V8
Agrochemical effectiveness of NPK [Nitrogen, phosphorus, potassium] fertilizers containing slowly acting nitrogen in maize grown for grain. (Slo) Mutinsky, J *Vysk Ustav Kukurice Ved Pr* 6: 85-102. Ref. Eng. Sum. 1972

078573 S13.V9
Evaluation of foreign, regional & local varieties of lucerne under conditions of maize production region. (Slo) Fiman, L *Vysk Ustav Rast Vyroby Ved Pr* 10: 109-123. Ref. Eng. Sum. 1972

078574 389.79 F98
Investigations on yield of mineral matter from grassland in various natural areas of Federal Republic of Germany. (Ger) Muller, R *Wirtschaftseigene Futter* 19 (1): 59-68. Map eng. Sum. Jan/Mar 1973

078575 389.79 F98
Pure & mixed seeding as a problem in grass variety testing. (Ger) Hubner, R *Wirtschaftseigene Futter* 19 (2): 103-119. Ref. Eng. Sum. Apr/June 1973

078576 389.79 F98
Experiments on cultivation of lucerne-grass mixtures. (Ger) Klocker, W *Wirtschaftseigene Futter* 19 (2): 120-126. Eng. Sum. Apr/June 1973

078577 389.79 F98
Investigations on patterns of yield from permanent grassland in dry regions of Romania. (Ger) Niedermaier, K *Wirtschaftseigene Futter* 19 (2): 127-138. Eng. Sum. Apr/June 1973

078578 389.79 F98
Complex method for determining quality & quality units of grassland – basic principles & characteristic features of complex method. (Ger) Sostarc, K *Wirtschaftseigene Futter* 19 (2): 139-149. Ref. Eng. Sum. Apr/June 1973

078579 389.79 F98
Basic principles of devising mixtures for permanent grassland. (Ger) Arens, R *Wirtschaftseigene Futter* 19 (2): 90-102. Ref. Eng. Sum. Apr/June 1973

078580 281.8 W892
Cassava growing in Thailand. Harper, R S *World Crops* 25 (2): 94-97. Ref. Mar/Apr 1973

078581 49 Z6
Some possibilities to improve irrigated forage plant culture in Uzbekistan. (Rus) Massino, I V *Zhivotnovodstvo* 3: 57-58. Mar 1973

078582 49 Z6
More complete use of feed resources. (Rus) Kalganov, M P *Zhivotnovodstvo* 4: 1-4. Apr 1973

078583 49 Z6
Grass mixes for irrigated pastures in northern forest-steppe region. (Rus) Kriuchkov, V K *Zhivotnovodstvo* 4: 45-46. Apr 1973

078584 49 Z6
Forage plants for green feed in dry trans-Volga steppes. (Rus) Livanov, K V *Zhivotnovodstvo* 4: 47-48. Apr 1973

078585 65.8 Z82
Sugar beet cultivation in England today. (Ger) Mitchell, A *Zucker* 26 (5): 251-254. Eng. Sum. May 1973

HORTICULTURAL CROPS — CULTURE

078586 80 AC82
Symposium on mango & mango culture, New Delhi, 30 June – 6 July 1969. *Acta Hort* 24, 282 P. Mar 1972

078587 80 AC82
Rootstock studies in Mangifera indica L. [Mangoes]. Jauhari, O S *Acta Hort* 24: 107-109. Mar 1972

078588 80 AC82
Poly-embryonic rootstocks for mango. Swamy, G S *Acta Hort* 24: 110-113. Mar 1972

078589 80 AC82
Some promising mango hybrids. Singh, R N *Acta Hort* 24: 117-119. Mar 1972

078590 80 AC82
Hybrid mangoes of Andhra Pradesh. Swamy, G S *Acta Hort* 24: 139-142. Mar 1972

078591 80 AC82
Mango culture in Florida. Malo, E *Acta Hort* 24: 149-154. Ref. Mar 1972

078592 80 AC82
Mangoes west of India. Purseglove, J W *Acta Hort* 24: 170-174. Mar 1972

078593 80 AC82
Off-season cropping of mango. Sundararaj, J S *Acta Hort* 24: 189-191. Mar 1972

078594 80 AC82
Philippine mango industry – its problems & progress. Valmayor, R V *Acta Hort* 24: 19-23. Mar 1972

078595 80 AC82
An assessment of some of existing & also potential commercial cultivars of mango in India. Singh, R N *Acta Hort* 24: 24-28. Mar 1972

078596 80 AC82
Studies on harvesting, transport & storage of mango. Subramanham, H *Acta Hort* 24: 260-264. Mar 1972

078597 80 AC82
Some local quality mangoes in Madhya Pradesh. [Varieties]. Kashyap, R *Acta Hort* 24: 29-30. Mar 1972

078598 80 AC82
Performance studies on polyembryonic varieties of Mangifera indica L. [Mangoes, India]. Prasad, A *Acta Hort* 24: 31-35. Mar 1972

078599 80 AC82
Variety situation of mango in Gujarat. Amin, H D *Acta Hort* 24: 36-38. Mar 1972

078600 80 AC82
Studies on some commercial characters of important early mango varieties of Marshidabad District of West Bengal, India. Saha, A K *Acta Hort* 24: 39-53. Mar 1972

078601 80 AC82
Propagation & rootstock problems in Mangifera indica L. [Mangoes, India, Malaysia]. Mukherjee, S K *Acta Hort* 24: 55-59. Ref. Mar 1972

078602 80 AC82
Rooting in cuttings of Mangifera indica L. [Mangoes]. Basu, R N *Acta Hort* 24: 61-63. Mar 1972

078603 80 AC82
Further researches on propagation techniques in mango. Majumder, P K *Acta Hort* 24: 72-76. Mar 1972

078604 80 AC82
Techniques of propagation of mango in Ceylon. Kotalawala, J *Acta Hort* 24: 82-84. Mar 1972

078605 80 AC82
Studies on different methods of propagation of Mangifera indica L. with respect to success, survival, growth & their clonal multiplication by stooling. [Mangoes]. Bid, N N *Acta Hort* 24: 85-88. Mar 1972

078606 80 AC82
Propagation of Mangifera indica L. by air-layering. [Mangoes]. Chhonkar, V S *Acta Hort* 24: 89-92. Mar 1972

078607 80 AC82
Mango propagation studies at government Horticultural Research Institute, Saharanpur. Prasad, A *Acta Hort* 24: 93-98. Ref. Mar 1972

078608 80 AC82
Techniques of side-grafting in mango. Kashyap, R *Acta Hort* 24: 99-100. Mar 1972

078609 S19.A32
Some promising banana varieties for Madhya Pradesh. Singh, P N *Agric Agro-ind J* 6 (3): 28-29. Mar 1973

078610 S19.A32
Studies on fruit quality in some varieties of papaya (Carica papaya linn). Henry, V R *Agric Agro-ind J* 6 (3): 30-31. Mar 1973

078611 S19.A32
Jayafor higher dividends. [Rice, varieties, India]. Tyagi, R C *Agric Agro-ind J* 6 (3): 41-43. Mar 1973

078612 16 AG8259
Fertility on vertical & curved shoot with different number of buds on grape cultivar 'Sangiovese toscano', 'Trebbiano' 'Canaiolo toscano', 'Malvasia bianca toscana'. (Ita) Basso, M *Agric Ital* (New Ser. 27) 72 (5): 297-314. Ref. Eng. Sum. Sept/Oct 1972

078613 16 AG8259
Trend of fertility along 'horizontal unilateral cordon' of some Tuscans grapevines. (Ita) Basso, M *Agric Ital* (New Ser. 27) 72 (6): 367-372. Eng. Sum. Nov/Dec 1972

078614 15 AG84
Possible elements of a garden. (Spa) Canizo, J A del *Agric Rev Agropecu* 42 (490): 67-70. Feb 1973

078615 15 AG84
Harvesting of olives with high power vibrators: Practical considerations. (Spa) Puerta, C de la *Agric Rev Agropecu* 42 (490): 82-85. Feb 1973

078616 15 AG84
Mallorca & problematics of a crop: almond tree. [Prunus amygdalus]. (Spa) Baldrich, J *Agric Rev Agropecu* 42 (490): 95-98. Map. Feb 1973

078617 15 AG84
Olive tree & olives: Account on a decree. (Spa) Soroa y Pineda, J M de *Agric Rev Agropecu* 42 (490): 99-100. Feb 1973

078618 14 AG823
Truffle: Its ecology. [Culture]. (Fre) Delmas, J *Agric Rev Men Tech Econ* 363: 82-86. Map. Mar 1973

078619 21.5 AG84
Influence of pinching of fruicti ferous twigs on quantity & quality of yield of Malvazija Istarska white grapes. (Cro) Lucil, R *Agron Glas* 34 (1-2): 97-106. 1972

078620 4 AM34P
Cutting height effects on competitive ability of annual bluegrass (Poa annua L.). [Turf]. Bogart, J E *Agron J* 65 (3): 513-514. May/June 1973

078621 26 AG87
Population & yield per hectar in fields of black kidney beans (Phaseolus vulgaris L.) under irrigation or in dry conditions. (Spa) Barrios, A *Agron Trop (maracay)* 22 (4): 391-396. Eng. Sum. July/Aug 1972

078622 442.9 AK132
Apple trees from flora of east Asia in Apsheron area. [Plant introduction]. (Rus) Agamirov, U M *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 4: 25-29. 1972

078623 100 AL1M
Vegetable variety trials, 1972. Turner, J L *Ala Agr Exp Sta Progr Rep Ser* 103, 6 P. Apr 1973

078624 11 AL8K
Growing peas. (Swe) Pettersson, C G *Alvsborgs Lans Sodra Hushallningssallsk Tidskr* 1: 14-15. Feb 1973

078625 80 C733
What goes into better berry yields?[-Strawberries]. Marini, D A *Amer Veg Grower* 21 (5): 18, 58. May 1973

078626 80 C733
Caging tomatoes – a profitable practice. Carolus, R L *Amer Veg Grower* 21 (5): 24, 56. May 1973

078627 96.1 AM5
Roses in joint owenership housing developments. (Fre) Arnaudon, P *Amis Roses* 313 (1): 10-12. 1973

078628 96.1 AM5
Roses from Canada. (Fre) Riese, L *Amis Roses* 313 (1): 18-22. 1973

078629 96.1 AM5
Small advice, beautiful gardens. [Roses]. (Fre) Magnard, P *Amis Roses* 313 (1): 34-35. 1973

078630 13 G28
Planning of comparative trials of sugar beet varieties. (Fre) Carletti, G *Ann Gembloux* 78 (2): 123-131. 1972

078631 S3.A7
Euro-peas perform well in UK. Gent, G *Arable Farmer Veg Grower* 4 (7): 10-11. Feb 1973

078632 QK1.A45
A horticulture certification program for America. O'Rourke, F L S *Arbor Bot Gard Bull* 7 (2): 58-59. Apr 1973

078633 80 AR13
For a quality cherry. (Fre) Angiboust, A *Arboricult Fruitiere* 20 (229): 23-28. Mar 1973

078634 S760.A75A35
Cropping patterns in multiple cropping system. [Field crops, vegetables, India]. Pal, M *AMa (agric Mech Asia)* 4 (1): 31-36. Spring 1973

078635 S11.B43
Planting density & growth of tulips in sandy soil. (Dut) Timmer, M J G *Bedrijfsontwikkeling* 4 (3): 281-283. Mar 1973

078636 S11.B43
Production potential of apple & pear trees in Netherlands & crop expectations in long run. (Dut) *Bedrijfsontwikkeling* 4 (4): 389-397. Apr 1973

078637 64.9 L542
Performance of mazzard cherry varieties on carbonate soils. (Rus) Illarionova, N P *Biul Vses Lenina Inst Rastenievod N I Vavilova* 23: 67-69. 1972

078638 19 B635
Elements of a programmed integral fruit culture, based on results of storage experiments. [Apples]. (Ger) Stoll, K *Bodenkultur* 24 (1): 75-90. Ref. Eng. Sum. Feb 1973

078639 SB950.A1B6
Tests of a product of morfactin group to facilitate harvest of 1971 olive crop. (Spa) Caballero Garcia de Vinuesa, J I *Bol Inf Plagas* 94: 35-54. June 1972

078640 7 B77P
Plant high-quality British Columbia-grown certified seed potatoes. *Brit Columbia Dep Agr (publ)* 6, 4 P. 1973

078641 S13.B7
Italian palmate method of pruning of peaches suitable for border regions. (Cze) Vavra, M *Brno Acta Univ Agr Fac Agron* 20 (3): 383-393. Ref. 1972

078642 68.38 C114
Practical method to obtain cuttings from banana tree. (Por) Passos Filho, T N *Cacau Atualidades* 9 (2): 28-29. Apr/June 1972

078643 100 C12CAG
Mechanical harvesting, raisin grapes – an evaluation of methods for severing fruiting canes. Studer, H E *Calif Agr* 27 (3): 10-12. Mar 1973

078644 81 C128
Avocado rootstock-scion relationships: a long-term, large-scale field research project. II. Data collected from fruit-bearing orchards. Ben-Ya'acov, A *Calif Avocado Soc Yearbook* 130-134. 1973

078645 81 C128
Avocado collecting in Guatemala. Johnson, E L V *Calif Avocado Soc Yearbook* 56: 103-108. 1973

078646 81 C128
Apical & other responses of tissues of avocado in aseptic culture. [Propagation]. Schroeder, C A *Calif Avocado Soc Yearbook* 56: 138-141. 1973

078647 81 C128
Registered avocado trees; a short history of program & list of trees. Brokaw, W H *Calif Avocado Soc Yearbook* 56: 44-49. 1973

078648 81 C128
Avocado industry of Ventura County at a glance. Lee, B W *Calif Avocado Soc Yearbook* 56: 63-65. 1973

078649 81 C128
How to select an avocado orchard. Gustafson, C D *Calif Avocado Soc Yearbook* 56: 66-68. 1973

078650 81 C128
Lindcove Field Station avocado variety trials. LaRue, J H *Calif Avocado Soc Yearbook* 56: 71-73. 1973

078651 81 C128
Lychee. Storey, W B *Calif Avocado Soc Yearbook* 56: 75-86. 1973

078652 81 C128
Collecting perseas in Central America & Mexico. [Avocados]. Schieber, E *Calif Avocado Soc Yearbook* 56: 94-101. 1973

078653 80 C352
Domestication of wild mushrooms. (Ger) Zadrazil, F *Champignon* 138: 17-19, 22-33. Feb 1973

078654 80 C352
Analysis of progress in mushroom culture yesterday, today & tomorrow. (Ger) Huhnke, W *Champignon* 138: 7-15. Feb 1973

078655 SB52.C4C4
Studies on analysis of landscape for nature conservation. (Jap) Ishii, H *Chiba Daigaku Engei Gakubu Tokubetsu Kokoku Trans* 8, 88 P. Ref. Eng. Sum. Feb 1973

078656 100 F66C
Florida 556. [Tomato, varieties]. Strobel, J W *Circ S Fla Agric Exp Stn Inst Food Agric Sci Univ Fla* 220, 3 P. Sept 1972

078657 275.29 SO8E
Home gardens coastal South Carolina. Ezell, D O *Clemson Univ Ext Circ* 387 Rev., 6 P. Mar 1973

078658 100 C71C
Potato seed vigor studies, 1971 – 72. Workman, M *Colo Agr Exp Sta Progr Rep Pr* 73-37, 4 P. Apr 1973

078659 80 C83
Focus on fragrance. Dawson, O *Country Life (london)* 152 (3932): 1120-1121. Nov 2, 1972

078660 80 C83
A forgotten garden brought to life. Dorset, C *Country Life (london)* 153 (3960): 1350-1353. May 17, 1973

078661 80 C83
Saplings & surgery. [Ornamental trees]. Wright, M *Country Life (london)* 153 (3960): 1354. May 17, 1973

078662 80 C83
Contrast in garden design. Wood, D *Country Life (london)* 153 (3960): 1366-1367. May 17, 1973

078663 80 C83
Tame & wild in country parks. Spence, K *Country Life (london)* 153 (3960): 1374, 1376. May 17, 1973

078664 80 C83
Fruit with a shady past: tales of tomato. Coats, A M *Country Life (london)* 153 (3960): 1384. May 17, 1973

078665 80 C83
Creator of English garden: Charles Bridgeman's tools & techniques. Willis, P *Country Life (london)* 153 (3960): 1401, 1403-1404. May 17, 1973

078666 80 C83
A new concept in apple growing. Jones, J L *Country Life (london)* 153 (3960): 1418, 1420. May 17, 1973

078667 80 D41
Berberis. [Varieties]. (Dut) Laar, H J Van De *Dendroflora* 9: 9-37. Eng. Sum. 1972

078668 58.8 D482
Quality of potatoes in industrial production. (Ger) Ulrich, G *Deut Agrartech* 2: 50-53. 1973

078669 58.8 D482
Requirements in mechanization & chemization of industrial production of potatoes. (Ger) Bostelmann, O *Deut Agrartech* 2: 53-55. 1973

078670 58.8 D482
Harvesting methods & their possibilities of application in G.D.R. (Ger) Schlesinger, F *Deut Agrartech* 2: 58-60. 1973

078671 18 D4825T
Experiments to inhibit growth of winter rye with application of growth regulators. (Ger) Vasel, H *Deut Akad Landwirtschaftswiss Tagungsber* 119: 87-93. Eng. Sum. 1972

078672 80 EX7
Apple rootstock studies: growth & cropping of Bramley's seedling on Malling & Malling-Merton clones. Preston, A P *Exp Hort* 24: 9-18. 1972

078673 58.8 K55
Overseas agriculture: Tomato culture in California. (Jap) Takahashi, B *Farm Mech* 2: 61-62. Feb 1973

078674 58.8 K55
Labor-saving in vegetable growing. 1. Mechanization of seeding & transplanting. (Jap) Murata, R *Farm Mech* 3: 15-20. Mar 1973

078675 58.8 K55
Labor-saving in vegetable growing. 2. Cabbage & lettuce cultivation & harvesting by machines. (Jap) Harata, T *Farm Mech* 3: 21-27. Mar 1973

078676 58.8 K55
Labor-saving in vegetable growing. 3. Sowing & harvesting of root crops. (Jap) Shiono, Y *Farm Mech* 3: 28-33. Mar 1973

078677 58.8 K55
Labor-saving in vegetable growing. 4. Planting of vegetable seedlings on smoked chaffs. (Jap) Ogiwara, S *Farm Mech* 3: 34-39. Mar 1973

078678 18 W763
High yield & good quality of seed potatoes. (Ger) Danneberg, W *Feldwirtschaft* 14 (1): 21-24. Jan 1973

078679 SB1.F53
Sources of floriculture information – an annotated list. [Bibliography]. Witte, W T *Fla Foliage Grow* 10 (3/4): 1-20. Ref. Mar/Apr 1973

078680 14 F844B
Action of growth regulators on lawns: First results. (Fre) Billot, C *France Min Agr Bull Tech Inform* 277: 111-116. Feb 1973

078681 275.29 M381FR
Comparative responses of peach trees to chemical weed control, hay mulch, frequent mowing & cultivation. Lord, W J *Fruit Notes Dep Plant Soil Sci Coop Ext Serv Coll Agric Univ Mass* 38 (3): 7-8. May/June 1973

078682 80 F9464
Evaluation of highbush blueberry cultivars. Zych, C C *Fruit Var Hort Dig* 27 (2): 33-35. Apr 1973

078683 80 F9492
Present situation of pineapple culture in Hawaiian islands. (Fre) Aubert, B *Fruits* 28 (1): 19-32. Eng. Sum. Jan 1973

078684 80 F9492
Citrus cultivation in Georgia (USSR). (Fre) Blondel, L *Fruits* 28 (2): 107-113. Eng. Sum. Feb 1973

078685 80 F9492
Pineapple, its quality & cost in relation to environment. (Fre) Py, C *Fruits* 28 (2): 127-131. Feb 1973

078686 80 F9492
Banana cultivation on hydromorphic soils in Nieky (Agneby) region in Ivory Coast. (Fre) Lassoudiere, A *Fruits* 28 (2): 85-102. Maps. Eng. Sum. Feb 1973

078687 86 N28
Cox's Orange Pippin. [Apples, varieties]. (Dut) *Fruitteelt* 63 (16): 414-415. Apr 21, 1973

078688 86 N28
Cultivation of Cox's Orange Pippin. [Apples, varieties]. (Dut) Lemmens, J J *Fruitteelt* 63 (16): 416-418. Apr 21, 1973

078689 86 N28
Maintenance of Cox's Orange Pippin. [Apples]. (Dut) *Fruitteelt* 63 (16): 420-421, 424. Apr 21, 1973

078690 80 R52
Certain technical & economic aspects of greenhouse culture. (Ita) Tesi, R *Frutticoltura* 35 (2): 31-34. Feb 1973

078691 80 G1948
Securing high & stable yields in greenhouse cucumber production. (Ger) Lange, B *Gartenbau* 19 (10): 219-221. Oct 1972

078692 80 G1948
Intensification & stabilization of tomato production in plastic foil greenhouses. (Ger) Kassler, D *Gartenbau* 19 (10): 222-224. Oct 1972

078693 80 G1948
Yield stabilization in lettuce production in plastic foil greenhouses. (Ger) Lekve, O *Gartenbau* 19 (10): 225-226. Oct 1972

078694 80 G1948
Possibilities & preliminary results of chicory forcing along industrial lines. (Ger) Lekve, O *Gartenbau* 19 (10): 227-228. Oct 1972

078695 80 G1948
Development of vegetable production under glass & plastic covers in Erfurt County. (Ger) Leffler, J *Gartenbau* 19 (10): 228-229. Oct 1972

078696 80 G1948
Intensification & rationalization of carnation production. [Dianthus caryophyllus]. (Ger) Schmidt, S *Gartenbau* 19 (10): 237-238. Oct 1972

078697 80 G1948
Production of cyclamen flowers – is it profitable? (Ger) Grundler, I G *Gartenbau* 19 (9): 211-213. Sept 1972

078698 80 G1948
Making better use of experience & techno-scientific progress of Soviet Union. III. [Horticulture]. (Ger) Vogel, G *Gartenbau* 20 (1): 11-12. Jan 1973

078699 80 G1948
Immediate technological & agronomical problems connected with transition to leek production along industrial lines. (Ger) Frohlich, H *Gartenbau* 20 (2): 31-33. Feb 1973

078700 80 G1948
On suitability of leek varieties registered in German Democratic Republic. (Ger) Kampe, F W *Gartenbau* 20 (2): 38-39. Feb 1973

078701 80 G1948
Development of sweet cherry production in farms that belong to cooperation association Thuringer Obst. (Ger) Wilke, R *Gartenbau* 20 (2): 41-42. Feb 1973

078702 80 G1948
Extension of sweet cherry production in farms that belong to cooperation association Halle Saale Obst. (Ger) Vogt, A *Gartenbau* 20 (2): 42-43. Feb 1973

078703 80 G1948
Recommendations of socialist working team. Cherry production along industrial lines. (Ger) Kramer, S *Gartenbau* 20 (2): 44-45. Feb 1973

078704 80 G1948
Cultivation of sweet cherries with special consideration of measures of tree shaping. (Ger) Koch, H J *Gartenbau* 20 (2): 46-47. Feb 1973

078705 80 G1948
Experimental varieties for intensive sweet cherry growing. (Ger) Groh, W *Gartenbau* 20 (2): 50-51. Feb 1973

078706 80 G1948
Trends of development in field tomato production along industrial lines. (Ger) Frohlich, H *Gartenbau* 20 (3): 62-64. Mar 1973

078707 80 G1948
Young-plant raising & planting of bush tomatoes under industry-like conditions of production. (Ger) Hollatz, M *Gartenbau* 20 (3): 66-67. Mar 1973

078708 80 G1948
Experience & possibilites concerning tomato after-cultivation with low or no input of manual labour. (Ger) Scheffel, H D *Gartenbau* 20 (3): 68-69. Mar 1973

078709 80 G1948
Harvesting & preparation of fieldgrown tomatoes at an increasing concentration & specialization of production. (Ger) Klier, U *Gartenbau* 20 (3): 69-71. Mar 1973

078710 80 G1948
Ethylene gas treatment for accelerated ripening of tomatoes. (Ger) Lanckow, J *Gartenbau* 20 (3): 74-73. Mar 1973

078711 80 G1948
Behaviour of Schattenmorelle' on different Mahaleb rootstocks in nursety & in their first year in a test plantation. (Ger) Meier, G *Gartenbau* 20 (3): 79-80. Mar 1973

078712 80 G1948
Growing Bromeliaceae for use at defined dates in Horticultural State farm in Berlin. (Ger) Broenhorst, H *Gartenbau* 20 (3): 84-87. Mar 1973

078713 80 G1938
Secrets of growing potted chrysanthemums. (Nor) Bjorndal-Riis, B *Gartneryrket* 63 (10): 174-177. Mar 9, 1973

078714 80 G1938
Leeks – growth & development. (Nor) Dragland, S *Gartneryrket* 63 (15): 309-310. Apr 13, 1973

078715 80 G1938
Growing suitable seed potatoes. [Varieties]. (Nor) Bjornstad, A *Gartneryrket* 63 (15): 321-322. Apr 13, 1973

078716 11 G24L
Wall or embankment in garden? [Landscaping]. (Swe) Green, L *Gavleborgs Lans Hushallningssallsk Lantbrukstidskr* 49 (1): 22-23. Map. 1973

078717 24 G25
Floriculture: Flowers for your garden. (Por) Rodrigues, P *Gaz Agr (lourenco Marques)* 24 (280): 284-288. Sept 1972

078718 24 G25
Growing bananas. (Por) *Gaz Agr (lourenco Marques)* 24 (280): 296-298, VII-X. Sept 1972

078719 SB320.G4
Cultivation experiences with lettuce. (Ger) Honick, A *Gemuse* 9 (4): 108-110. Apr 15, 1973

078720 SB320.G4
Kale – direct seeding in spring. (Ger) Mehwald, J *Gemuse* 9 (4): 114. Apr 15, 1973

078721 SB320.G4
Harvest performance of radishes. (Ger) Krieg, K H *Gemuse* 9 (5): 142-143. May 15, 1973

078722 S15.G5
Our every day bean. (Por) Santos, M M dos *Gleba* 18 (205): 16-17. Nov 1972

078723 S15.G5
Cultivation of pineapple. (Por) Boing, J *Gleba* 18 (205): 3-7. Nov 1972

078724 S15.G5
Cultivation of genipap. [Rubiace]. (Por) Boing, J *Gleba* 19 (207): 15. Jan 1973

078725 10 G79LA
Rootstocks for apples & pears. *Great Brit Min Agr Fish Food Adv Leafl* 335 Rev., 7 P. Nov 1972

078726 80 G833
Recommended list of annual plant varieties. [Horticulture]. Cavaye, W M *Greenhouse Garden Grass* 11 (4): 80-86. Winter 1972

078727 S544.3.H3H3
Nursery technology – key to green survival. Proceedings: 12th annual Nurserymen's Conference, June 14 – 16, 1972. *Hawaii Univ Ext Misc Publ* 103, 81 P. Apr 1973

078728 S544.3.H3H3
Synthetic media for container-grown plants. Criley, R A *Hawaii Univ Ext Misc Publ* 103: 31-41. Apr 1973

078729 HD2042.A1I4
Factors affecting increase of average potato yield. (Bul) Karaivanov, V *Ikon Sel Stop* 9 (3): 75-82. 1972

078730 100 IN2P (1)
Evaluation of processing tomato varieites for Indiana. Tigchelaar, E C *Ind Agr Exp Sta Res Bull* 897, 6 P. Mar 1973

078731 QK1.I53
First results of research on hyacinth forcing ('Hyacinthus orientalis' L.). (Ita) Cocozza, M *Inf Bot Ital* 4 (3): 213. Eng. Sum. Sept/Dec 1972

078732 20 M57AG
Intensification of apple production (literature survey). (Ger) Simonow, I *Int Z Landwirt* 2: 233-235. Ref. 1973

078733 275.29 IO9PA
Edible mushrooms in Iowa. [Identification]. Epstein, A H *Iowa State Univ Ext Pam* 565, 7 P. Apr 1973

078734 107 J552
Response of 'Bonita' & 'Ventura' peach cultivars on various peach & apricot seedling rootstocks in an arid environment. Kochba, J *Israel J Agr Res* 22 (4): 189-200. Ref. Dec 1972

078735 16 IT1
Culture of peaches for industrial uses in Sicily. (Ita) Crescimanno, F G *Ital Agr* 109 (12): 1397-1406. Ref. Dec 1972

078736 16 IT1
Spontaneous domination of ladino clover: Contribution of spontaneous domination of ladino clover (Trifolium repens L.) to its succesion on irrigated plain of Lombardy (second & third year of experimentation). (Ita) Bellini, P *Ital Agr* 109 (12): 1407-1419. Dec 1972

078737 16 IT1
First show of flowers from Lazio. (Ita) Coggiatti, S *Ital Agr* 109 (12): 1435-1442. Dec 1972

078738 16 IT1
Peaches in culture under plastic. (Ita) Scaramuzzi, F *Ital Agr* 110 (1): 107-116. Jan 1973

078739 SB354.J8
Content of nitrogen, phosphoric pentoxide & potassium oxide in leaves, shoots & fruits of peach trees in relation to their content in soil, fertilizers treatm (Cro) Stojkovska, A *Jugosl Vocarstvo* 6 (19/20): 525-535. Eng. Sum. 1972

078740 SB354.J8
Effect of crown shape on growth, yield & fruit quality of Golden Delicious apple on M II rootstock. (Cro) Aradski, M *Jugosl Vocarstvo* 6 (19/20): 545-552. Ref. Eng. Sum. 1972

078741 SB354.J8
Effects of training (growing) systems on yield & fruit quality of some pear cultivars. (Cro) Tesic, M *Jugosl Vocarstvo* 6 (19/20): 553-562. Ref. Eng. Sum. 1972

078742 SB354.J8
Effect of pruning on yield, fruit weight & vegetative growth of peaches. (Cro) Rudic, M *Jugosl Vocarstvo* 6 (19/20): 563-568. Eng. Sum. 1972

078743 SB354.J8
Effect of ringing on early bearing of vigorous apple cultivars. (Cro) Korac, M *Jugosl Vocarstvo* 6 (19/20): 569-574. Eng. Sum. 1972

078744 SB354.J8
Supplement to study of strawberry cultivation method. (Cro) Pejovic, S *Jugosl Vocarstvo* 6 (19/20): 575-580. Eng. Sum. 1972

078745 SB354.J8
Effect of planting distance on yield, weight of berries, number, height & diameter of red raspberry Malling Exploit canes. (Cro) Tesic, M *Jugosl Vocarstvo* 6 (19/20): 581-588. Eng. Sum. 1972

078746 SB354.J8
Effect of covering of soil with black polyethylene sheets on growth of red currant cultivar 'Red Lake'. (Cro) Oblak, M *Jugosl Vocarstvo* 6 (19/20): 677-681. Eng. Sum. 1972

078747 SB354.J8
Propagation of Mahaleb cherry (Prunus mahaleb L.) by cuttings. (Cro) Vlasic, A *Jugosl Vocarstvo* 6 (19/20): 693-698. Ref. Eng. Sum. 1972

078748 SB354.J8
Time of walnut grafting in region of Skopje (Macedonia). [Juglans regia]. (Cro) Simovski, K *Jugosl Vocarstvo* 6 (19/20): 699-704. Ref. Eng. Sum. 1972

078749 SB354.J8
Defoliation of rootstocks & young fruit trees in nursery through uses of some chemical substances. [Apples, plums]. (Cro) Korac, M *Jugosl Vocarstvo* 6 (19/20): 705-710. Eng. Sum. 1972

078750 SB354.J8
Effect of planting density on apple yields. (Cro) Modic, D *Jugosl Vocarstvo* 6 (19/20): 737-747. Ref. Eng. Sum. 1972

078751 75.8 K145
New potato varieities of interest. (Ger) Kratzig, P *Kartoffelbau* 24 (3): 78. Mar 1973

078752 58.8 L2352
Increasing planting density of potatoes. (Dut) Kouwenhoven, J K *Landbouwmechanisatie* 24 (4): 319-324. Eng. Sum. Apr 1972

078753 11 L236
Field beans & field peas. [Varieties]. (Nor) Brun, L *Landbrukstidende* 79 (12): 301-303. Mar 24, 1973

078754 11 L236
Growing seed potatoes. (Nor) Bjornstad, A *Landbrukstidende* 79 (13): 324-325, 327. Mar 31, 1973

078755 11 L293
Cultivation of field peas. (Swe) Lundqvist, T *Lantbrukstidskr Jamtland Harjedalen* 26 (1): 11-12. 1973

078756 79.8 L91
Harvesting of olives: how to reduce costs. [Defoliants]. (Ita) Colucci, L *Lotta Antiparassitaria* 24 (1): 6-7. Nov 1972

078757 S560.M32
Control of cultivation & trade of nursery products. (Fin) Larsson, O *Maataloushallinnon Aikak* 1: 16-20. 1973

078758 22 M262
Studies on relationship of certain yield components in white radish. Thamburaj, S *Madras Agr J* 60 (2): 122-123. Feb 1973

078759 275.29 M36B
Vegetable production recommendations. *Md Univ Ext Ext Bull* 236, 42 P. Jan 1973

078760 S11.O78
Peas – cultivation. (Swe) Hultkvist, L *Medlemsbl Ostergotlands Lans Hushallningssallsk* 6 (1): 15-17. 1973

078761 S11.O78
Springtime in garden. [Cultivation]. (Swe) Sandell, A *Medlemsbl Ostergotlands Lans Hushallningssallsk* 6 (1): 26-28. 1973

078762 284.9 M58
Self-blanche – a new variety of cauliflower. Homma, S *Mich Agr Exp Sta Res Rep* 199, 2 P. Jan 1973

078763 451 M84
Persimmon, Diospyros virginiana, Ebony family (Ebenaceae). *Morton Arboretum Quart* 9 (1): 14-15. Spring 1973

078764 S95.E22
Tree-raising on fruit farm-an essay on mangement. [Apples]. Cummins, J C *N Y Food Life Sci Bull* 19, 12 P. Ref. June 1972

078765 S95.E22
Cayuga White, first of a Finger Lakes series of wine grapes for New York. [Varieties]. Einset, J *N Y Food Life Sci Bull* 22, 2 P. Aug 1972

078766 80 N81
Decorative Malus. (Nor) Malmin, C *Norsk Hagetid* 89 (5): 138-140. May 1973

078767 80 N81
Plant a tree! [Landscaping]. (Nor) Kollandsrud, M *Norsk Hagetid* 89 (5): 141-144. Map. May 1973

078768 80 N81
Children & flowers. (Nor) Lyngheim, M *Norsk Hagetid* 89 (5): 149. May 1973

078769 11 N8122
Row spacing – planting distance – size of seed potatoes. (Nor) Letnes, A *Norsk Landbruk* 5: 18-19. Mar 8, 1973

078770 11 N8122
Development of suitable seed potatoes. (Nor) Bjornstad, A *Norsk Landbruk* 8: 20. Apr 18, 1973

078771 20.5 N86
Some factors promoting development of potato production in Lodz province. (Pol) Zieba, S *Nowe Roln* 21 (22): 6-8. Map. Nov 16/30, 1972

078772 77.8 OL2
Replanting of oil palms for industrial use; method for preparation of soil & protection against Oryctes in West Africa. (Fre) Boye, P *Oleagineux* 28 (4): 175-176. Apr 1973

078773 100 OR3OR
Potato recipe: water, fertilizer. *Oreg Agr Progr* 19 (4): 12-13. Spring 1973

078774 275.29 OR32C
Growing tree fruits & nuts in home orchard. Stebbins, R L *Oreg State Univ Corvallis Ext Serv Ext Circ* 819, 8 P., Map. Mar 1973

078775 57.8 OR32
Walking through China's garden. Rodale, R *Org Gard Farming* 20 (6): 28-35. June 1973

078776 57.8 OR32
Old-time plants are making a comeback. Goldman, M C *Org Gard Farming* 20 (6): 36-39. June 1973

078777 57.8 OR32
Grow Jerusalem artichokes for a lifetime crop. Masson, W *Org Gard Farming* 20 (6): 46-47. June 1973

078778 57.8 OR32
Gardens under arctic sun. [Alaska]. Townley, F W *Org Gard Farming* 20 (6): June 1973

078779 281.9 L23O
Research concerning yield of chrysanthemums grown year around. (Dut) *Overz Landbouw Econ Inst* 578, 15 P. 1972

078780 SB211.P8I5
Some problems of potato breeding & seed potato production in Poland. (Pol) Swiezyniski, K *Pol Inst Ziemniaka Biul* 9: 33-44. Eng. Sum. 1972

078781 SB211.P8I5
Influence of phosphorus fertilization on yield & quality of seed potatoes after early haulm removal. (Pol) Gabriel, W *Pol Inst Ziemniaka Biul* 9: 45-56. Eng. Sum. 1972

078782 SB211.P8I5
Potato varieties in collection of Institute for Potato Research, Bonin. (Pol) Werner, E *Pol Inst Ziemniaka Biul* 9: 5-10. Ref. 1972

078783 286.83 P79
Characteristics of 43 potato varieties during period 1967 to 1972. (Dut) Zingstra, H *Pootaardappelhandel* P. 9-12. Mar 1973

078784 20.5 P84
Stocks for grafting plum trees. (Pol) Grzyb, Z *Postepy Nauk Roln* 19 (6): 111-125. Ref. Nov/Dec 1972

078785 20.5 P84
Conference on vegetables of socialist countries, held in Czechoslovakia, June 26-July 1, 1972. (Pol) Chroboczek, E *Postepy Nauk Roln* 19 (6): 179-185. Nov/Dec 1972

078786 21 R862
Some present & long-term problems of sugar beet growing & industrialization. (Rum) Stanescu, Z *Probl Agr (bucharest)* 24 (12): 23-32. 1973

078787 14 P944
Four seasons of apartment plants: Dwarf Sansevieria. (Fre) Pollock, R *Propr Terrienne* 25 (294): 214-215. June 1972

078788 14 P944
An unbelievable development: New grandiflora pansy [Viola tricolor]. (Fre) Basteleus, R *Propr Terrienne* 25 (295): 252-253, 255. July 1972

078789 86 W123J
Use of plastics in horticulture. (Dut) Sondern, J A *Publ Inst Tuinbouwtech (wageningen)* 77: 94-97. Eng. Sum. 1972

078790 64.8 R18
Studies on introduced bean varieties. (Bul) Kulbova, V *Rastenievud Nauk* 10 (1): 11-19. Ref. Eng. Sum. 1973

078791 64.8 R18
Yield & starch content of potatoes as affected by preceding crops. (Bul) Dimitrov, S *Rastenievud Nauk* 10 (1): 45-50. Eng. Sum. 1973

078792 64.8 R18
Study of certain mangel varieties under irrigation at three fertilizer levels. (Bul) Marinova, R *Rastenievud Nauk* 10 (1): 93-105. Ref. Eng. Sum. 1973

078793 S17.M3
Effective concentration of IBA [indolebutyric acid] in air layering of guava. Bhujbal, B G *Res J Mahatma Phule Agric Univ* 3 (1): 53-56. Ref. Jan 1972

078794 S17.M3
Effect of cane girdling on yield & quality of grapes. Bhujbal, B G *Res J Mahatma Phule Agric Univ* 3 (1): 62-63. Jan 1972

078795 9.4 R328
Family garden. 3. [Ornamental plants]. (Spa) Rincon Sepulveda, O *Rev Esso Agr* 19 (1): 16-21. Jan/Mar 1973

078796 9.4 R328
Cultivation of peas (Pisum sativum L.) in Colombia. (Spa) Tamayo P, A *Rev Esso Agr* 19 (1): 28-32. Jan/Mar 1973

078797 80 R3212
Report of director on operation of Horticulture School during 1972-1973 academic year. (Fre) Duperrex, A *Rev Hort Suisse* 46 (5): 102-110. May 1973

078798 80 R3212
After flowering of tulips. (Fre) Basteleus, R *Rev Hort Suisse* 46 (5): 110-111. May 1973

078799 80 R3212
Some trees & shrubs with variegated foliage. (Fre) Schneider, J *Rev Hort Suisse* 46 (5): 112-113. May 1973

078800 80 SA15
On dormancy of grape tissues & possibility of year-round culture of transplants. (Rus) Maltabar, L M *Sadov Vinogradarstvo Vinodelie Moldavii* 1: 30-33. Jan 1973

078801 80 SA15
Results & tasks of development of grape nursery culture. (Rus) Shandru, I A *Sadov Vinogradarstvo Vinodelie Moldavii* 3: 1-4. Mar 1973

078802 80 SA15
Raising grape seedlings in sandy substrate. (Rus) Subbotovich, A S *Sadov Vinogradarstvo Vinodelie Moldavii* 3: 10-12. Mar 1973

078803 80 SA15
On choosing a substrate for soil-free culture of grape seedlings. (Rus) Bukhbinder, M A *Sadov Vinogradarstvo Vinodelie Moldavii* 3: 13-15. Mar 1973

078804 80 SA15
On physiological activity of sandy substrates. [Grapes, culture]. (Rus) Aron, P L *Sadov Vinogradarstvo Vinodelie Moldavii* 3: 15-16. Mar 1973

078805 80 SA15
Regulating air-water system in a fine-grained sandy substrate. [Grapes, soilless culture]. (Rus) Bukhbinder, M A *Sadov Vinogradarstvo Vinodelie Moldavii* 3: 17-19. Mar 1973

078806 80 SA15
A unit for soilless culture of grape seedlings. (Rus) Bukhbinder, M A *Sadov Vinogradarstvo Vinodelie Moldavii* 3: 19-20. Mar 1973

078807 80 SA15
Accretion rate of grape grafts in a hydroponic substrate. [Soilless culture]. (Rus) Dvornin, A V *Sadov Vinogradarstvo Vinodelie Moldavii* 3: 21-22. Mar 1973

078808 80 SA15
Hydroponic culture of grafted grape seedlings. [Soilless culture]. (Rus) Nikolenko, V G *Sadov Vinogradarstvo Vinodelie Moldavii* 3: 23-31. Mar 1973

078809 80 SA15
Improved technology for production of grape rootstocks. (Rus) Maltabar, L M *Sadov Vinogradarstvo Vinodelie Moldavii* 3: 31-33. Mar 1973

078810 80 SA15
Testing various methods of stratification of grafts. [Grapes, culture]. (Rus) Maltabar, L M *Sadov Vinogradarstvo Vinodelie Moldavii* 3: 34-37. Mar 1973

078811 80 SA15
Stratification of grape grafts in sand under film. (Rus) Tikhvinskii, I N *Sadov Vinogradarstvo Vinodelie Moldavii* 3: 37-40. Mar 1973

078812 80 SA15
Mechanized removal of buds from grape rootstocks. (Rus) Bradu, N V *Sadov Vinogradarstvo Vinodelie Moldavii* 3: 43-46. Mar 1973

078813 80 SA15
Grape nursery culture on an industrialized basis. (Rus) Maltabar, L M *Sadov Vinogradarstvo Vinodelie Moldavii* 3: 5-8. Mar 1973

078814 80 SA15
Hydroponic culture of grape seedlings in France. [Soilless culture]. (Rus) Suruzhiu, V T *Sadov Vinogradarstvo Vinodelie Moldavii* 3: 52-54. Mar 1973

078815 80 SA15
Method of propagation of grapes by layering. (Rus) Shugin, L S *Sadov Vinogradarstvo Vinodelie Moldavii* 3: 54-55. Mar 1973

078816 80 SA15
Effect of methods on grafting pears with quince. (Rus) Kaimakan, I V *Sadov Vinogradarstvo Vinodelie Moldavii* 3: 55-58. Mar 1973

078817 80 SA15
Rootstocks for sour cherries. (Rus) Syrbu, I G *Sadov Vinogradarstvo Vinodelie Moldavii* 3: 59-62. Mar 1973

078818 80 SA15
Innovations in technology of raising grafted grape seedlings. (Rus) Subbotovich, A S *Sadov Vinogradarstvo Vinodelie Moldavii* 3: 8-10. Mar 1973

078819 80 SCH9
Cherry variety Magda. (Ger) Schaer, E *Schweiz Z Obst Weinbau* 109 (4): 90-92. Feb 17, 1973

078820 80 SCH9
Greening of terrace slopes. [Grape culture]. (Ger) Perret, P *Schweiz Z Obst-Weinbau* 109 (9): 210-213. Apr 14, 1973

078821 80 SCH9
General meeting of association of Lucerne fruit producers & professional orchardists. (Ger) Muller, K *Schweiz Z Obst Weinbau* 109 (9): 220-223. Apr 14, 1973

078822 470 SCI2
Large vineyard discovered in ancient Pompeii: root & stake cavities reveal vineyard of A. D. 79. [Viticulture, history]. Jashemski, W F *Science* 180 (4088): 821-830. Ref. May 25, 1973

078823 21 SE492
Clonal selection of fruit plants. (Bul) Georgiev, V *Selskostop Nauk* 12 (1): 45-52. Eng. Sum. 1973

078824 61.8 SE53
An instrument for measuring resistance to cracking in tomatoes. (Ita) Marchesi, G *Sementi Elette* 19 (1): 33-36. Ref. Eng. Sum. Jan/Feb 1973

078825 93.33 SH62B
Classification of citrus growing districts by principal component analysis. (Jap) Okada, N *Shizuoka Citrus Exp Sta Bull* 10: 19-46. Rff. Eng. Sum. Sept 1972

078826 9.4 SO1
Selection of seeds for banana & plantain. (Spa) Barriga, R *Soc Antioquena Agr Bol Agr* 623: 12874-12879. Oct 1972

078827 QH431.A1G43
Polyploid apple & pear varieties. Tuz, A S *Sov Genet* 6 (9): 1164-1172. Ref. Sept 1970 Transl. May 1973

078828 SB123.A1S8
Tomato & redpepper growing in sheltered areas (review). (Cze) Hanouskova, H *Stud Inf Rostl Vyroba* 5, 83 P. Ref. Eng. Sum. 1972

078829 23 T182T
Plant spacing for onion production. Frappell, B D *Tasmania J Agric* 44 (1): 31-34. Feb 1973

078830 100 T25F
Sweet & pimiento pepper varieties for Tennessee. Brown, J F *Tenn Farm Home Sci Progr Rep* 85: 21-22. Jan/Mar 1973

078831 100 T25F
Hardwood bark – a growing medium component for container culture of Japanese holly (Ilex crenata 'Hetzi'). Black, R J *Tenn Farm Home Sci Progr Rep* 85: 26-27. Jan/Mar 1973

078832 100 T25F
Evaluation of russet-free Golden Delicious type apple cultivars. Mullins, C A *Tenn Farm Home Sci Progr Rep* 85: 33-34. Jan/Mar 1973

078833 S9.T4
Harvesting of fruits: uses & abuses. (Ita) Gorini, F *Terra Vita* 13 (42): 21. Oct 27, 1972

078834 S9.T4
Azaleas & Erica culture in Germany. (Ita) Anderlini, R *Terra Vita* 13 (48): 26. Dec 8, 1972

078835 100 T31S (1)
Bermudagrass management on golf courses in Texas. [Cynodon dactylon]. Duble, R L *Tex Agric Exp Stn Bull* 1129, 19 P. Jan 1973

078836 11 T439
Variety trials with Aster amellus L., aster dumosus L., Aster ericoides L., Aster vimineus Lam., Aster novae-angliae L. & Aster novi-belgii L. (Dan) Clausen, G *Tidsskr Planteavl* 77 (1): 19-36. Ref. Eng. Sum. 1973

078837 80 T817
Growing salad greens; some climatological aspects. (Dut) Biesmans, J *Tuinbouwberichten* 37 (3): 109-111. Mar 1973

078838 80 T817
Growing strawberries in Spain. (Dut) Benoit, F *Tuinbouwberichten* 37 (3): 114-115. Map. Mar 1973

078839 80 T817
Why can't we have a strawberry crop after season? 2. Comparison of some methods. (Dut) Benoit, F *Tuinbouwberichten* 37 (3): 127-130. Mar 1973

078840 80 T817
Horticulture in England. 1. (Dut) Avermaete, U *Tuinbouwberichten* 37 (4): 159-163, 180. Apr 1973

078841 80 T817
Growing melons under plastic covers. (Dut) Benoit, F *Tuinbouwberichten* 37 (4): 177-179. Apr 1973

078842 80 T817
Growing strawberries in Spain. 2. (Dut) Benoit, F *Tuinbouwberichten* 37 (4): 181-183. Apr 1973

078843 18 UB3
Potato varieties, 1973. (Ger) Seibel, A *Ubersicht* 24 (2): 119-122. Feb 10, 1973

078844 64.8 Z12
Potaotes Ostara & Astilla. [Varieties]. (Cze) Beranek, J *Uroda* 21 (1): 29-30. 1973

078845 11 V44T
One viewpoint on growing peas. (Swe) Agne, L *Vastmanlands Lans Hushallningssallsk Tidskr* 3: 4-8. 1973

078846 20 V633
On way to potato production development. (Rus) Overchuk, V I *Vestn Sel'skokhoz Nauk (moscow)* 10: 4-6. Oct 1972

078847 20 V633
Scientific basis for increasing yield capacity of potatoes in Far East. (Rus) Kaz'min, G T *Vestn Sel'skokhoz Nauk (moscow)* 4: 18-27. Eng. Sum. Apr 1973

078848 275.29 W522M
How to be an up-to-date strawberry producer. Hardin, N C *W Va Univ Ext Misc Publ* 373, 18 P. Jan 1973

078849 275.29 W522M
Cultivation of eastern redbud. [Cercis canadensis]. Collier, C W *W Va Univ Ext Misc Publ* 434, 2 P. May 1972

078850 275.29 W522M
Cultivation of Japanese pachysandra (Pachysandra terminalis). Collier, C W *W Va Univ Ext Misc Publ* 437, 2 P. May 1972

078851 275.29 W522M
Cultivation of sugar maple (Acer saccharum). Collier, C W *W Va Univ Ext Misc Publ* 438, 2 P. May 1972

078852 275.29 W522M
Cultivation of African violets (Saintpaulia ssp). Collier, C W *W Va Univ Ext Misc Publ* 439, 2 P. May 1972

078853 275.29 W522M
Pruning landscape plants. Caldwell, J L *W Va Univ Ext Misc Publ* 440, 19 P. Feb 1972

078854 275.29 W522M
Planting roses. Collier, C W *W Va Univ Ext Misc Publ* 453, 2 P. 1973 ?

078855 275.29 W522M
Layering. [Plants, propagation]. Collier, C W *W Va Univ Ext Misc Publ* 456, 2 P. Feb 1972

078856 275.29 W522M
Cleft-grafting. [Apples, pears]. Collier, C W *W Va Univ Ext Misc Publ* 457, 2 P. Feb 1972

078857 275.29 W522M
Whip grafting (tongue or bench grafting). Collier, C W *W Va Univ Ext Misc Publ* 458, 2 P. Feb 1972

078858 275.29 W522M
Strawberry barrel. [Cultivation]. Collier, C W *W Va Univ Ext Misc Publ* 461, 2 P. Feb 1972

078859 275.29 W522M
Landscaping slopes. Collier, C W *W Va Univ Ext Misc Publ* 470, 2 P. Oct 1972

078860 275.29 W522M
Ground covers: selection & use. Collier, C W *W Va Univ Ext Misc Publ* 471, 6 P., Map. 1973?

078861 275.29 W522M
Cultivation of Canada hemlock (Tsuga canadensis). Collier, C W *W Va Univ Ext Misc Publ* 472, 2 P. Oct 1972

078862 275.29 W522M
Cultivation of Norway spruce (Picea abies). Collier, C W *W Va Univ Ext Misc Publ* 473, 2 P. Oct 1972

078863 275.29 W522M
Cultivation of serviceberry, (Amelanchier canadensis). Collier, C W *W Va Univ Ext Misc Publ* 476, 2 P. Oct 1972

078864 275.29 W522M
Cultivation of American sweetgum (Liquidambar styraciflua). Collier, C W *W Va Univ Ext Misc Publ* 477, 2 P. Jan 1973

078865 275.29 W522M
Cultivation of sourwood (Oxydendrum arboreum). Collier, C W *W Va Univ Ext Misc Publ* 478, 2 P. Oct 1972

078866 275.29 W522M
Grow your own avocado tree. Collier, C W *W Va Univ Ext Misc Publ* 479, 2 P. Oct 1972

078867 79.8 W41
Responses of peach trees to herbicides, mulch, mowing, & cultivation. Lord, W J *Weed Sci* 21 (3): 227-229. May 1973

078868 95.8 W435
Expenditure of time & energy in grape pruning. (Ger) Nord, O *Weinberg Keller* 20 (2): 63-104. Feb 1973

078869 95.8 C122
Why try to improve on perfection? [Grapes, breeding]. McGrew, J R *Wines Vines* 54 (5): 22-24. May 1973

078870 281.8 W892
Fruiting on sterile agar & cultivation of straw mushrooms, (Volvariella species) on padi straw, banana leaves & sawdust. Chua, S E *World Crops* 25 (2): 90-91. Mar/Apr 1973

078871 SB13.Y3
Suitable strawberry varieties for Marmara Region. (Tur) Konarli, O *Yalova Bahce Kult Arastirma Egitim Merkezi Derg* 5 (3/4): 25-31. Eng. Sum. Sept/Nov 1972

078872 SB13.Y3
Concept of quality in seeds. II. Basic requirements of quality in vegetable seeds & measures. (Tur) Town, P A *Yalova Bahce Kult Arastirma Egitim Merkezi Derg* 5 (3/4): 32-51. Ref. Eng. Sum. Sept/Nov 1972

078873 80 OV64
Vegetable growing in Znojmo district. (Cze) Ambrozek, V *ZL (zahradnicke Listy)* 66 (1): 4-5. Jan 1973

078874 80 OV64
Specialization in growing vegetables at Unified Agricultural Cooperative Podoji. (Cze) Molzer, V *ZL (zahradnicke Listy)* 66 (1): 6-7. Jan 1973

MISCELLANEOUS ECONOMIC PLANTS — CULTURE

078875 101 AL1A
Possibility of spice growing in Alberta. Hadziyev, D *Alberta Univ Fac Agr Agr Bull* 19: 12-15. Spring 1973

078876 80 D41
Buddleia. [Drug plants, varieties]. (Dut) Grootendorst, H J *Dendroflora* 9: 38-42. 1972

078877 S15.G5
Odyssey of coffee. (Por) Cortez, O da M *Gleba* 19 (207): 27. Jan 1973

078878 SB109.I5
Original testing of spice plants in Belorussia. (Rus) Ivanova, E V *In Introduktsiia i Selektsiia Rastenii* P. 94-104. Ref. 1972

078879 68.29 IN23M
Establishment of dadaps on shevaroys. [Erythrina, coffee, shading]. Krishnan, R G *Indian Coffee* 37 (1): 15. Jan 1973

078880 22 IN283
Advances in spices research. [India]. Nambiar, M C *Indian Farming* 22 (8): 9-12. Nov 1972

078881 S19.M9
Effect of season-cum-depth of planting on the mortality of vegetatively propagated cardamom suckers (rhizome sets of Elettaria cardamomum Maton). Pattanshetti, H V *Mysore J Agr Sci* 6 (4): 413-420. 1972

078882 20.5 P84
Some aspects of concentration & specialization in medicinal plant culture. (Pol) Debowski, S *Postepy Nauk Roln* 19 (6): 101-110. Ref. Nov/Dec 1972

078883 64.8 R18
Results of performance tests with Lavandula varieties. (Bul) Chingova-boiadzhieva, B *Rastenievud Nauk* 10 (1): 35-43. Ref. Eng. Sum. 1973

078884 450 R18
On chemical composition of Artemisia absinthium L. indigenous to Smolensk Region. (Rus) Gozin, A A *Rastitel Resursy* 8 (4): 571-573. 1972

078885 SB123.A2S4
Effect of storage dates & other factors on sprouting of Lavandula seeds. (Rus) Romanenko, L G *Selek Semenovod (kiev)* 22: 98-102. 1972

078886 61.9 SE5
On regionalizing & seed culture of mustard varieties. (Rus) Zadorozhnyi, A M *Selek Semenovod (moscow)* 2: 48-49. Mar/Apr 1973

078887 99.9 F7652
Study on relation between volume & weight, compilation of volume table of Makinoi bamboo (Phyllostachys makinoi Hayata). (Chi) Hwang, K K *Taiwan Forest Res Inst Bull* 223, 14 P. Eng. Sum. Aug 1972

PLANT FUNGUS DISEASES AND CONTROL

078888 475 AC85
Respiratory metabolism of Fusarium oxysporum fed with alanine in presence & absence of iodoacetate. Younis, A E *Acta Biol (budapest)* 23 (3): 269-275. 1972

078889 80 AC82
Control of fungal spoilage in Alphonso mangoes by pre-harvest application of fungicides. Subramanyam, H *Acta Hort* 24: 224-226. Mar 1972

078890 80 AC82
Epidemiology & prevention of Diplodia stem-end rot of ripe mango fruits. Srivastava, D N *Acta Hort* 24: 235-236. Mar 1972

078891 464.9 C432B
Presence of bean ashy stem blight (Macrophomina phaseoli (Maubl.) Ashby), in crops of central zone. (Spa) Latorre, B A *Agr Tec* 33 (1): 20-24. Eng. Sum. Jan/-Mar 1973

078892 S19.A32
Smut & bunt of wheat. [Ustilago tritici]. Mathur, N K *Agric Agro-ind J* 6 (3): 32-33. Mar 1973

078893 1.98 AG84
Ammonia vs. molds in corn. [Aspergillus flavus]. *Agric Res* 21 (11): 7-9. May 1973

078894 26 AG87
Slime molds in Bermuda grass. [Paspalum notatum, Stenotaphrum secundatum, Physarum cinereum]. (Spa) Malaguti, G *Agron Trop (maracay)* 22 (4): 439-441. Eng. Sum. July/Aug 1972

078895 26 AG87
Tar spot of corn. [Phyllachora maydis]. (Spa) Malaguti, G *Agron Trop (maracay)* 22 (4): 443-445. Ref. Eng. Sum. July/Aug 1972

078896 26 AG86
Control of powdery mildew of marrow (Erysiphe cichoracearum): Test results. (Fre) Daly, P *Agron Trop (paris)* 28 (1): 18-22. Eng. Sum. Jan 1973

078897 511 AK192D
Fusariosis of legume crops in Lithuania. 4. Pathogenicity of fungus of genus Fusarium Link for alfalfa & their interaction with bacteria. (Rus) Saltenis, B *Akad Nauk Litov Ssr Darbai Tr Ser C* 1 (57): 45-50. Eng. Sum. 1972

078898 511 AK192D
Biology of pathogen of crown rust of oats Puccinia coronata avenae. I. Dynamics of development of rust. (Rus) Namaiunas, B P *Akad Nauk Litov Ssr Darbai Tr Ser C* 4: 75-85. Ref. Eng. Sum. 1972

078899 436.9 AK1
On relationship between nematodes & Verticillium wilt of cotton. (Rus) Kostiuk, N A *Akad Nauk Sssr Gelmintol Lab Tr* 23: 87-82. 1973

078900 75.8 P842
Certified Sebego seed stocks & seedpiece treatments. [Fungicides, bactericides]. Shumaker, J R *Amer Potato J* 50 (4): 138-142. Apr 1973

078901 450 AN4
Fungi recorded on Bursera delpechiana Poiss. ex Engl. Sarwar, M *Angew Bot* 46 (56): 257-262. Ref. Feb 1973

078902 442.8 AN72
Influence of pea-root exudates on germination of conidia & chlamydospores of physiologic races of Fusarium oxysporum f. pisi. [Wilt]. Whalley, W M *Ann Appl Biol* 73 (3): 269-276. Apr 1973

078903 442.8 AN72
Influence of powdery mildew (Erysiphe graminis) infection on development of four spring wheats. Lupton, F G H *Ann Appl Biol* 74 (1): 35-39. Ref. May 1973

078904 442.8 AN72
Potato blight control in east & south-east Scotland 1959-68. [Phytophthora infestans]. Boyd, A E W *Ann Appl Biol* 74 (1): 41-58. Ref. May 1973

078905 442.8 AN72
Glasshouse evaluation of some systemic fungicides for control of clubroot of brassicae. [Plasmodiophora brassicae, Cabbage, rape]. Buczacki, S T *Ann Appl Biol* 74 (1): 85-90. Ref. May 1973

078906 SB599.A5
Comparative biology of Cercospora & Helminthosporium of guinea grass, Panicum maximum. [Cercospora fusimaculans]. (Fre) Apuvert, P *Ann Phytopathol* 4 (3): 245-256. Eng. Sum. 1972

078907 SB599.A5
Phytophthom nicotiane f. sp parasitica (Dastus) waterh. of Carnation: quantitative [dianthus caryophyllus] estimation of inoculum in soil. (Fre) Ricci, P *Ann Phytopathol* 4 (3): 257-276. Ref. Eng. Sum. 1972

078908 SB599.A5
Proteolytic activity associated with pathogenesis in melon anthracnose. [Colletotrichum lagenarium]. (Fre) Esquerre-Tugaye, M T *Ann Phytopathol* 4 (3): 277-284. Ref. Eng. Sum. 1972

078909 SB599.A5
Enzymatic degradation of cell walls by phytopathogenic fungi. [Colletotrichum lagenarium]. (Fre) Touze, A *Ann Phytopathol* 4 (3): 285-293. Ref. Eng. Sum. 1972

078910 SB599.A5
A medium for proof of production of a fluorescent pigment by Pseudomonas mors-prunorum f. Sp. Persicae. [Peaches]. (Fre) Luisetti, J *Ann Phytopathol* 4 (3): 295-296. 1972

078911 25 AR1
Wilt or root rot of wheat due to Sclerotium rolfsii Sacc. Kulchaleewan, C *Araneta J Agr* 19 (1): 25-40. Ref. Jan/-Mar 1972

078912 80 AR13
Some cryptogamic diseases of fruit trees. (Fre) Pautier, M *Arboricult Fruitiere* 20 (229): 34-39, 41, 43, 45. Ref. Mar 1973

078913 99.8 AR14
Oak root rot disease & possible means of control. [A Armillaria mellea, California]. Cheo, P C *Arborist's News* 38 (5): 99-101. May 1973

078914 442.8 AR26
Fine-structural studies on infection of Vicia faba L. with Botrytis fabae Sard. [Broadbeans]. Abu-zinada, A A H *Arch Mikrobiol* 91 (1): 55-66. Ref. 1973

078915 442.8 AU72
Studies on microbial colonization of sapwood of pruned apricot trees. [Fungi, bacteria]. Price, T V *Australian J Biol Sci* 26 (2): 379-388. Apr 1973

078916 442.8 AU72
Serological identification of Eutypa armeniacae. [Apricots, gummosis]. Price, T V *Australian J Biol Sci* 26 (2): 389-394. Ref. Apr 1973

078917 442.8 AU72
Toxin production by Pseudomonas tolaasii Paine. [Borwn blotch, Agaricus bisporus]. Nair, N G *Australian J Biol Sci* 26 (2): 509-512. Apr 1973

078918 SB327.A1B5
Correlation of seed size & root rot resistance. [Kidney beans]. Wallace, D H *Bean Improv Coop Annu Rep* 16: 57-58. Mar 1973

078919 281.8 B462
Powdery mildew of cereals & its control. [Erysiphe graminis]. (Ger) Bauers, C *Betriebswirtsch Mitt Wirtschaftsberater* 217: 15-17. Apr 1973

078920 QK1.B52
Parasitic fungus Botrytis fabae Sard. in connection with sucking insects. (Cze) Ondrej, M *Biol Ser A Bot* 28 (1): 57-63. Ref. Eng. Sum. 1973

078921 SB950.A1B6
Field trials indicative of cycle & control of pear scab (Vernturia pirina Aderh.). (Spa) Arias Giralda, A *Bol Inf Plagas* 90: 3-29. Feb 1972

078922 SB950.A1B6
Studies on pear scab (Venturia pirina). (Spa) Fernandez Sanchez de la Nieta, M *Bol Inf Plagas* 91: 15-18. Mar 1972

078923 SB950.A1B6
Observations on pear scab (Venturia pirina) (Bref) Aderh & apple scab (Venturia inaequalis) (Cke) Wiut. (Spa) Sampayo, M *Bol Inf Plagas* 91: 3-13. Mar 1972

078924 SB950.A1B6
Tests of fungicides against Monilia disease of the apricot tree. (Spa) Sampayo Fernandez, M *Bol Inf Plagas* 92: 13-22. Apr 1972

078925 SB950.A1B6
Biological cycle of grape mildew (Plasmopra viticola). (Spa) Serrano Vilar, J *Bol Inf Plagas* 93: 47-52. May 1972

078926 SB950.A1B6
Bilogical cycle of pear scab. [Apples]. (Spa) Serrano Vilar, J *Bol Inf Plagas* 94: 55-59. June 1972

078927 SB950.A1B6
Experiment of effectiveness of experimental product Ca-70-203 (Cela-Nexana) against apple mildew & scab (Podosphaera leucotricha & Venturi (Spa) Fernandez Sanchez de la Nieta, J M *Bol Inf Plagas* 95: 7-19. July 1972

078928 SB950.A1B6
Experiment of treatments against pear scab (Venturia pirina) in 'Blanca de Aranjuez' variety. (Spa) Fernandez Sanchez de la Nieta, J M *Bol Inf Plagas* 96: 27-34. Aug 1972

078929 SB950.A1B6
Control tests with Botrytis cineria on strawberries. (Spa) Moreno Vazquez, R *Bol Inf Plagas* 98: 65-69. Oct 1972

078930 SB950.A1B6
Control tests with Phytophtora infestans in tomatoes. (Spa) Moreno Vazquez, R *Bol Inf Plagas* 98: 71-73. Oct 1972

078931 87 H612
Ecological studies on peach Phomopsis rot. (Jap) Abiko, K *Bull Hort Res Stn Min Agric Forest, Ser A, Hiratsuka* 11: 127-137. Eng. Sum. Mar 1972

078932 87 H612
Ghost-spot, one type of symptoms of tomato fruit caused by Botrytis cinerea Persoon. (Jap) Kishi, K *Bull Hort Res Stn Min Agric Forest, Ser A, Hiratsuka* 11: 151-160. Eng. Sum. Mar 1972

078933 SB278.J3I9
Intraspecific transfer of blue mold resistance to Japanese tobacco cultivars. II. introduction of resistance into Matsukawa & Mito-3. [Peronospora tabacina]. (Jap) Sato, M *Bull Morioka Tob Exp Stn* 5: 91-107. Ref. Eng. Sum. Feb 1973

078934 100 C12CAG
Fusarium [oxysporum] wilt of spinach. Greathead, A *Calif Agr* 27 (3): 3. Mar 1973

078935 81 C128
Another species of Phytophthora on avocado in California. Zentmyer, G A *Calif Avocado Soc Yearbook* 56: 125-129. Ref. 1973

078936 81 C128
Incidence of avocado root rot in relation to exchangeable soil sodium in vicinity of Fallbrook. [Phytophthora cinnamomi]. Borst, G *Calif Avocado Soc Yearbook* 56: 143-145. Ref. 1973

078937 81 C128
How do you thin a root rot replant block? [Avocados]. Goodall, G E *Calif Avocado Soc Yearbook* 56: 39-43. 1973

078938 81 C128
Avocado root rot research program. [Phytophthora cinnamomi]. Zentmyer, G A *Calif Avocado Soc Yearbook* 56: 88-92. 1973

078939 470 C16C
Mineral nutrition of Pythium marinum, a marine facultative parasite. [Porphyra miniata]. Kazama, F Y *Can J Bot* 51 (4): 693-699. Ref. Apr 1973

078940 470 C16C
Effects of ozone on bean rust Uromyces phaseoli. Resh, H M *Can J Bot* 51 (4): 725-727. Apr 1973

078941 470 C16C
Environmental factors influencing basidiospore discharge in Polyporus tomentosus. [Picea glauca, stand-opening disease]. Bohaychuk, W P *Can J Bot* 51 (4): 801-815. Ref. Apr 1973

078942 470 C16C
Formation of p-hydroxybenzoic acid from phenylacetic acid by Poria weirii. Li, C Y *Can J Bot* 51 (4): 827-828. Apr 1973

078943 443.8 C16
Inheritance of leaf rust resistance in four common wheat varieties possessing genes at or near Lr3 locus. [Puccinia recondiata]. Haggag, M E A *Can J Genet Cytol* 15 (1): 127-134. Mar 1973

078944 443.8 C16
Gentics of pathogenicity in threee races of leaf rust on four wheat varieties. [Puccinia recondita]. Haggag, M E A *Can J Genet Cytol* 15 (1): 73-82. Mar 1973

078945 450 C16
Evaluation of three types of vineyard sprayers by measurement of carbaryl deposit, dye distribution, & control of powdery mildew & two-spotted mite. [Tetranychus urticae, Uncinula necator]. Chiba, M *Can J Plant Sci* 53 (1): 189-197. Ref. Jan 1973

078946 SB741.R8C45
Views on detection & selection of sources for resistance from wild plants. [Fungus diseases]. Dinoor, A *Cereal Rusts Bull* 1 (1): 12. Jan 1973

078947 SB741.R8C45
Effects of vernalization on yellow rust in certain winter wheat varities. [Puccinia striiformis]. Russel, G E *Cereal Rusts Bull* 1 (1): 13-15. Jan 1973

078948 SB741.R8C45
Cytoplasmic influence in specific wheat stem rust resistance. [Helminthosporium maydis]. Sanchex-Monge, E *Cereal Rusts Bull* 1 (1): 16-18. Jan 1973

078949 SB741.R8C45
Physiologic races of crown rust (Puccinia coronata Cda. f. sp. Avenae Eriks.) detected in Spain during period 1969-1971. Salazar, J *Cereal Rusts Bull* 1 (1): 19-20. Jan 1973

078950 SB741.R8C45
Physiologic races of wheat black rust (Puccinia graminis Pers. var. tritici Eriks. et Henn.) detected in Spain in years 1968 – 1971. Salazar, J *Cereal Rusts Bull* 1 (1): 21-33. Jan 1973

078951 SB741.R8C45
Rust research at Laboratory of Phytopathology, Agricultural University, Wageningen, Netherlands. [Puccinia]. Zadoks, J C *Cereal Rusts Bull* 1 (1): 3-3. Eng. Sum. Jan 1973

078952 SB741.R8C45
Notes on yellow rust epiphytotic in Denmark in 1972. [Puccinia striiformis, wheat]. Hermanwen, J E *Cereal Rusts Bull* 1 (1): 5-8. Map. Jan 1973

078953 SB741.R8C45
Physiologic specialization of oat crown rust in Israel, 1962 – 1965. [Puccinia coronata]. Dinoor, A *Cereal Rusts Bull* 1 (1): 9-11. Jan 1973

078954 68.38 C642
New developments in black pod epidemiology. [Phytophthora palmivora, cocoa]. Evans, H C *Cocoa Grow Bull* 20: 10-16. Ref. Feb 1973

078955 73.8 C82
Fight against Verticillium on cotton in Syria: Creation of a tolerant cultivar Alep I. (Fre) Chami, A R *Coton Fibres Trop* 27 (4): 389-391. Dec 1972

078956 6 W55
New downy mildew heads for Cornbelt. [Sclerospora sorghi]. Futrell, M C *Crops Soils* 25 (8): 12-14. Map. June/July 1973

078957 15 C89
Systemic fungicides. (Spa) Juscafresca, B *Cult Mod* 56 (4): 33. Apr 1973

078958 15 C89
Biology & damage of mildew of barley. [Erysiphe graminis]. (Spa) Brooks, D H *Cult Mod* 56 (4): 36-37 Apr 1973

078959 475 SCI23
Production of toxic metabolites by Colletotrichum capsici (Syd.) Butl. & Bisby & its role in leaf spot disease of turmeric. [Curcuma longa]. Chandrasekharan Nair, M *Cur Sci* 42 (10): 362-363. May 20, 1973

078960 475 SCI23
Proteinase activity in relation to leaf spot of rice. [Helminthosporium oryzae]. Mukherjee, P K *Cur Sci* 42 (9): 318. May 5, 1973

078961 475 SCI23
Occurrence of brown spot-Helminthosporium oryzae Breda de Haan on some wild species of Oryza. Subramanian, C L *Cur Sci* 42 (9): 327. May 5, 1973

078962 24 EA74
Fusarium solani associated with a wilt of Coffea arabica in Kenya. [Coffee]. Baker, C J *East Afr Agr Forest J* 38 (2): 137-140. Ref. Oct 1972

078963 24 EA74
Phoma herbarum Westend.: a pathogen of Acacia mearnsii De Wild. in Kenya. Olembo, T W *East Afr Agr Forest J* 38 (2): 201-206. Oct 1972

078964 451 ED42N
Rust fungus genus Nyssopsora & its host relations. Henderson, D M *Edinb Roy Bot Gard Notes* 32 (2): 217-221. 1973

078965 423.9 F6622
Milkweed vine & a newly observed Cercospora leaf spot. [Morrenia odorate, biological control]. Burnett, H C *Fla Dep Agr Div Plant Indus Tri-ology Tech Rep* 12 (1): 11-12. Jan 1973

078966 80 W41
Benlate tolerance in Gladiolus Fusarium. [Oxysporum, rot]. Magie, R O *Florists' Rev* 152 (3940): 32, 63. Jun 7, 1973

078967 60.8 F742
A three-year survey of losses from forage foliar diseases in central & northern Alberta. [Fungus diseases]. Berkenkamp, B *Forage Notes (Ottawa)* 18 (1): 3-5. Spring 1973

078968 99.8 F7724
Phytopathological aspects of breeding Picea resistant to Fomes annosus. (Ger) Courtois, H *Forst-holzwirt* 27 (21): 441-444. Nov 10, 1972

078969 99.8 F775
Comparative respiratory & fermentation measures of several strains of Fomes annosus & Armillaria mellea by incubation in different carbon sources. [Wood destroying fungi]. (Ger) Ciriacy, M *Forstwiss Centralbl* 92 (2): 89-100. Ref. Eng. Sum. Apr 1973

078970 99.8 F775
Causes & extent of stem rot in spruce stands in different locations. [Picea abies]. (Ger) Pechmann, H V *Forstwiss Centralbl* 92 (92): 68-89. Ref. Eng. Sum. Apr 1973

078971 275.29 M381FR
Brown rot of peaches, plums, cherries & other stone fruits. [Monilinia fructicola]. Gilgut, C J *Fruit Notes Dep Plant Soil Sci Coop Ext Serv Coll Agric Univ Mass* 38 (3): 8-10. May/June 1973

078972 80 F9492
Examination of activity of methylthiophanate against Penicillium moulds (Penicillium digitatum & Penicillium italicum) of citrus. (Fre) Laville, E *Fruits* 28 (1): 33-35. Jan 1973

078973 80 F9492
Obtaining in vitro strains resistant to benomyl for Cercospora musae Zimm. [Bananas, leaf spot]. (Fre) Fourcade, I *Fruits* 28 (2): 103-105. Feb 1973

078974 100 G295
Centipede decline: a progress report. [Eremochloa ophiuroides, Rhizoctonia solani, Curvularia]. Burns, R E *Ga Agr Res* 14 (3): 3-5. Winter 1973

078975 80 G1948
Rotting of onions & possibilities of its limitation. [Botrytis alii]. (Ger) Bottcher, H *Gartenbau* 20 (4): 101-103. Ref. Apr 1973

078976 80 G1948
Possibilities of effcient clubroot control. [Plasmodiophorabrassicae]. (Ger) Bochow, H *Gartenbau* 20 (4): 98-100. Ref. Apr 1973

078977 464.8 G33
Report on several years of experiment to control Botrytis cinerea Pers. on young asparagus seedlings in seed growing. (Ger) Dame, *Gesunde Pflanzen* 25 (4): 62-63. Apr 1973

078978 298.8 G33
Effects caused by weather in Austria on durum wheat harvest with special consideration to browning. [Alternaria tenuis]. (Ger) Waltl, K *Getreide Mehl Brot* 26 (11): 303-307. Nov 1972

078979 S19.G5
Nursery diseases of cocoa in Ghana. 1, preand post-emergence deaths of seedlings caused by Phytophthora palmivora. Asare-Nyako, A *Ghana J Agr Sci* 5 (2): 127-133. Ref. 1972

078980 S19.G5
Evaluation of two Maneb fungicides for control of tomato leaf mould. [Cladosporium fulvum]. Kankam, J S *Ghana J Agr Sci* 5 (3): 229-231. Dec 1972

078981 450 G68
Plasmodiophora bicaudata, a parasite to Zostera noltii. (Dut) Hartog, C den *Gorteria* 6 (7): 121-123. Eng. Sum. Feb 1, 1973

078982 17 SCH9
Systematic fungicides. (Ger) Hani, F *Grune* 101 (20): 724-730. May 18, 1973

078983 69.9 J27
Absorption & distribution of thiophanate, effective fungicde for tobacco powdery mildew, in tobacco plant. [Erysiphe cichoracearum]. (Jap) Yamaguchi, Y *Hatano Tobacco Exp Sta Bull* 71: 149-152. Eng. Sum. Mar 1972

078984 64.8 H66
Studies on snow mold etiology & resistance of rye & winter wheat varieties, strains & lines to this disease. [Fusarium nivale]. (Pol) Bojarczuk, M *Hodowla Roslin Aklimatyzacja Nasiennictwo* 16 (5): 413-427. Ref. Eng. Sum. 1972

078985 99.8 IN2
Cercospora needle blight of [pinus] Radiata pine in India. Reddy, M A R *Indian Forest* 99 (5): 308-309. May 1973

078986 22 AG83I
Control of seed mycoflora of fennel (Foeniculum vulgare Mill.). Anahosur, K H *Indian J Agr Sci* 42 (11): 990-992. Nov 1972

078987 464.8 IN2
A new leaf spot of poplar incited by Alternaria alternata (FR.) Keissler. [Populus euramericana]. Chaturvedi, C *Indian Phytopathol* 25 (2): 316-318. June 1972

078988 QK1.I53
Production in culture of plant growth regulating substances by 'Calonectria rigidiuscula' f. sp. theobromae, incitant of cacao galls. Lerario, P *Inf Bot Ital* 4 (3): 209-210. Sept/Dec 1972

078989 QK1.I53
Death in Picea excelsa at Gallio (Asiago, Italy), as observed in 1965. [Fomes annosus]. (Ita) Gerrettson-Cornell, L *Inf Bot Ital* 4 (3): 219-220. Eng. Sum. Sept/-Dec 1972

078990 275.29 IO9PA
Dutch elm disease control. [Dieback, Ceratocystis ulmi]. Epstein, A H *Iowa State Univ Ext Pam* 567, 15 P. Apr 1973

078991 381 J8223
Symposium on origin & fate of ethylenethiourea fungicides. Tweedy, B G *J Agr Food Chem* 21 (3): 323-339. May/June 1973

078992 381 J8223
Residue determination of ethylenethiourea (2-imidazolidinethione) from tomato foliage, soil, & water. Blazquez, C H *J Agr Food Chem* 21 (3): 330-332. May/June 1973

078993 QH540.J6
Occurrence of aflatoxins in cotton seeds at harvest in relation to location of growth & field temperatures. [Aspergillus flavus]. Marsh, P B *J Environ Qual* 2 (2): 276-281. Ref. Apr/June 1973

078994 QH540.J6
Effect of fallowing obtained with skip-row culture on Vertucillium wilt of cotton. Ranney,c D *J Environ Qual* 2(2): 303-306. Ref. Apr/June 1973

078995 448.3 J823
Effect of 2-substituted benzimidazoles on fungus Pithomyces chartarum. [Grasslands]. Stutzenberger, F J *J Gen Microbiol* 76 (1): 197-209. Ref. May 1973

078996 80 J825
Detection of latent Fusarium in Gladiolus corms. Henis, Y *J Hort Sci* 48 (2): 189-194. Apr 1973

078997 382 SO12
Texture changes in canned apricots. II. Study of infection with Rhizopus stolonifer under commercial conditions. Harper, K A *J Sci Food Agr* 24 (5): 527-531. May 1973

078998 60.9 J27
Anthracnose of Arrhenatherum elatius caused by Colletotrichum graminicolum. (Jap) Nishihara, N *Jap Soc Grassland Sci J* 18 (3): 209-211. Oct 1972

078999 60.9 J27
Phyisology & biochemistry of timothy leaf spot fungus, Cladosporium phlei de Vries. I. Vitamin requirement for growth, [Phleum]. Mino, Y *Jap Soc Grassland Sci J* 18 (4): 236-241. Ref. Dec 1972

079000 66.9 J27
Studies on Cercospora [beticola] leaf spot of sugar beet. (Jap) Narisawa, N *Jap Sugar Beet Impr Found Bull Sugar Beet Res* 14, 161 P. Ref. Eng. Sum. Jan 1973

079001 385 K524
Pre-planting sugar beet seed treatment with micronutrients combined with fungicides. (Rus) Zolotov, L N *Khim Sel'skom Khoz* 11 (3): 44-45. 1973

079002 107.6 K995
Brefeldin A from a strain of Fungi Imperfecti. [Penicillium Ascochyta imperfecta, antifungal metabolism]. Taniguchi, E *Kyushu Univ Fac Agr J* 17 (2): 129-136. Mar 1973

079003 107.6 K995
Antifungal substances produced by Cephalothecium roseum Corda. Maekawa, K *Kyushu Univ Fac Agr J* 17 (2): 137-141. Ref. Mar 1973

079004 11 L2322
Benomyl – a systematic way to fight fungus diseases. [Grain]. (Dan) Nielsen, A F *Landbonyt* 27 (4): 250-253. Apr 1973

079005 SB599.L35
Fine structure of poplar rust (Melampsora larici-populina). Rijkenberg, F H J *Landbouwet S-Afr Agric Sci S Afr Phytophylactica* 4 (2): 33-39. Ref. 1972

079006 SB599.L35
Stubby root of chicory induced by Fusarium oxysporum. Du Toit, J J *Landbouwet S-Afr Agric Sci S Afr Phytophylactica* 4 (3): 101-104. 1972

079007 SB599.L35
Phytophthora cinnamomi root rot of grape-vines in western Cape. Van Der Merwe, J J H *Landbouwet S-Afr Agric Sci S Afr Phytophylactica* 4 (4): 133-136. 1972

079008 59.8 L39
Diseases of rice. [Fungi]. (Por) Ribeiro, A S *Lav Arrozeira* 26 (271): 38-46. Jan/Feb 1973

079009 99.8 L5632
Causes of failure of forest protection in control against honey fungus & root rot. [Armillaria mellea, Heterobasidion annosus]. (Slo) Hesko, J *Les (Bratislava)* 29 (2): 63-66. 1973

079010 79.8 L91
Cryptograms: how to protect fruit trees. [Apricots, Taphrina deformans]. (Ita) Damiano, A *Lotta Antiparassitaria* 24 (11): 3-5. Nov 1972

079011 79.8 L91
Plantvax, a new fungicide for protection of flower plantings. (Ita) Vaccari, P *Lotta Antiparassitaria* 24 (12): 3-5. Dec 1972

079012 79.8 L91
With regard to Bordeaux mixture. [Fungicides]. (Ita) Baldani, G *Lotta Antiparassitaria* 24 (7): 6-7. July 1972

079013 79.8 L91
Collar rot & leaf rot of salad plants. [Sclerotinia, Botrytis]. (Ita) Damiano, A *Lotta Antiparassitaria* 24 (9): 12-13. Sept 1972

079014 22 M262
Some observations on chemical control of coconut wilt disease in Tamil Nadu. [Ganoderma lucidum]. Vijayan, K M *Madras Agr J* 60 (1): 56-60. Jan 1973

079015 22 M262
Rhizoctonia [salani] stem rot of Crossandra. [Solani, undaelifolia]. Muthusami, M *Madras Agr J* 60 (2): 124. Feb 1973

079016 22 M262
A modified method for assessing susceptibility of cotton selections to verticillium [dahliae] wilt. Shanmugam, N *Madras Agr J* 60 (2): 146. Feb 1973

079017 22 M262
Isolation of seed-borne fungi from castor seeds. Kumari, D L *Madras Agr J* 60 (2): 77-80. Ref. Feb 1973

079018 22 M262
Post-harvest treatments for control of blue & green moulds in oranges (Citrus sinensis Osbeck). Subramanian, T M *Madras Agr J* 60 (2): 90-92. Feb 1973

079019 QK358.M3
Relative resistance of Bajara varieties & hybrids against Curvularia. Patil, P L *Maharashtra Vidnyan Mandir Patrika* 7 (1/2): 18-22. Mar/Oct 1972

079020 QK358.M3
A report of Sphaerotheca euphorbiae (Cast.) Salm. from Maharashtra. [Croton sparsiflorus]. Aptil, M S *Maharashtra Vidnyan Mandir Patrika* 7 (1/2): 23-24. Mar/Oct 1972

079021 18 N39
Application of fungicidal sprays in wheat. [Septoria nodorum, Cercosporella herpotrichoides, Erysiphe graminis]. (Ger) Fehrmann, H *Mitt Deut Landwirt-ges* 88 (17): 482-484. Apr 26, 1973

079022 18 N39
Profitableness of mildew control. [Wheat]. (Ger) Hampel, M *Mitt Deut Landwirt-ges* 88 (19): 542-543. May 10, 1973

079023 451 M854
Changes of tissues of Papaver in relation to damage by Helminthosporium papaveris. (Rus) Misko, L A *Moscow Gl Bot Sad Byul* 87: 110-113. 1973

079024 450 M994
Distribution of peanut fungi in southeastern United States. Hanlin, R T *Mycopathol Mycol Appl* 49 (4): 227-241. Ref. Apr 30, 1973

079025 450 M994
Aflatoxin B1 producing potential of isolates of Aspergillus flavus Link ex Reies from cotton, maize & wheat. Mehan, V K *Mycopathol Mycol Appl* 49 (4): 263-274. Ref. Apr 30, 1973

079026 450 M994
Scytinostroma galactinum as a pathogen of woody plants. Lentz, P L *Mycopathol Mycol Appl* 49 (4): 289-305. Ref. Apr 30, 1973

079027 S19.M9
Investigations on efficacy of selected fungicides on Rhizoctonia solani under laboratory, greenhouse & field conditions. Reddy, P P *Mysore J Agr Sci* 6 (4): 435-439. 1972

079028 S19.M9
Rust fungi of madras state. III. Puccinia. Ragunathan, A N *Mysore J Agr Sci* 6 (4): 440-449. 1972

079029 S19.M9
Rust fungi of Madras State. IV. Puccinia. Ragunathan, A N *Mysore J Agr Sci* 6 (4): 450-460. 1972

079030 S19.M9
Chemical control of Rhizoctonia bataticola causing diseases of Urid. Jain, N K *Mysore J Agr Sci* 6 (4): 461-465. 1972

079031 100 N81 (2)
Thermophilic fungi of tobacco. Pounds, J R *N C Agr Exp Sta Tech Bull* 211, 24 P. July 1972

079032 442.9 B832
Susceptibility of corn varieties to stem rot caused by Fusarium species, and smut caused by Ustilago maydis. (Ger) Kruger, W *Nachrichtenbl Deut Pflanzenschutzdienstes* 24 (10): 145-151. Eng. Sum. Oct 1972

079033 442.9 B832
Actinomycosis of radish (Raphanus sativus L., var. radicula Pers.). [Streptomyces scabies]. (Ger) Koronowski, P *Nachrichtenbl Deut Pflanzenschutzdienstes* 24 (10): 152-154. Ref. Eng. Sum. Oct 1972

079034 442.9 B832
Culture of spring wheat instead of winter wheat to prevent disease caused by Cercosporella herpotrichoides Fron. (Ger) Bockmann, H *Nachrichtenbl Deut Pflanzenschutzdienstes* 24 (11): 161-163. Ref. Eng. Sum. Nov 1972

079035 442.9 B832
Septoria species on cereals, important characteristics for their identification. (Ger) Obst, A *Nachrichtenbl Deut Pflanzenschutzdienstes* 24 (11): 164-166. Eng. Sum. Nov 1972

079036 442.9 B832
Damages caused in parsnip by Centrospora acerina (Hartig) Newhall. (Ger) Klewitz, R *Nachrichtenbl Deut Pflanzenschutzdienstes* 24 (11): 166-168. Ref. Eng. Sum. Nov 1972

079037 442.9 B832
Thormann system from point of view of crop rotation hygiene. [wheat, fungus diseases, control]. (Ger) Bockmann, H *Nachrichtenbl Deut Pflanzenschutzdienstes* 24 (12): 177-180. Ref. Eng. Sum. Dec 1972

079038 442.9 B832
Leaf experiments for testing modern fungicides. (Ger) Lust, S *Nachrichtenbl Deut Pflanzenschutzdienstes* 24 (12): 191-195. Ref. Eng. Sum. Dec 1972

079039 442.9 B832
Artificial infection of corn with Ustilago maydis (DC) Corda in cooler areas of Germany. (Ger) Kruger, W *Nachrichtenbl Deut Pflanzenschutzdienstes* 25 (2): 17-23. Ref. Eng. Sum. Feb 1973

079040 442.9 B832
Early identification of Cercosporella herpotrichoides Fron . [Grain]. (Ger) Klewitz, R *Nachrichtenbl Deut Pflanzenschutzdienstes* 25 (3): 33-34. Eng. Sum. Mar 1973

079041 442.9 B832
How representative are plot trials for fields in spraying experiment? [Plants, fungus diseases, control]. (Ger) Kranz, J *Nachrichtenbl Deut Pflanzenschutzdienstes* 25 (3): 34-36. Eng. Sum. Mar 1973

079042 282.28 N98
Fungal diseases of foxtail & cocksfoot can reduce their nutritive value. [Alopecurus arundinaceus, Dactylis glomerata, Mastigosporium album]. (Nor) Andersen, I L *Ny Jord* 60 (1): 4-8. Ref. Eng. Sum. 1973

079043 464.8 OC32
Topsin M – a new valuable fungicide. [plants, fungus diseases, control]. (Pol) Borecki, Z *Ochrona Roslin* 16 (4): 12-13. Apr 1972

079044 77.8 OL2
Peanuts resistant to seed invasion by Aspergillus flavus. Mixon, A C *Oleagineux* 28 (2): 85-86. Feb 1973

079045 7 ON8P
1973 Chemicals for seed treatment of small grains. [Fungus diseases, control]. Evans, I R *Ont Dep Agr Food Publ* 252, 4 P. 1973

079046 7 ON8P
1973 Chemicals for seed treatment of small grains. [Fungicides]. Evans, I R *Ont Dep Agr Food Publ* 252, 4 P. 1973

079047 275.29 OR36
Sycamore anthracnose. [Gnomonia veneta, Platanus, Quercus garryaba]. MacSwan, I C Extension Service *Oreg State Univ Ext Fs* 84 Rev, 2 P. Apr 1973

079048 SB409.O7
Anthracnose, wilt, leaf spot & petal smut in orchids. (Spa) Moreno Duarte, M T *Orquideologia* 7 (3): 143-150. Ref. Sept 1972

079049 SB951.P43
Systemic fungicides in plant disease control. Joshi, L K *Pesticides* 6 (12): 97-100. Dec 1972

079050 464.9 P482
Larger loss in yield by black rust: chemical control a probl em again? [Wheat, Puccinia graminis]. (Ger) Zwatz, B *Pflanzenarzt* 25 (11): 119-120. Nov 1972

079051 464.9 P482
Mildew control in grain permits alternatives: resistant varieties, spraying & seed treatment. (Ger) Zwatz, B *Pflanzenarzt* 26 (3): 22-27. Mar 1973

079052 464.8 P56
Comparative effects of Alternaria alternata infection & other leaf injuries on growth of tobacco. [Colletotrichum destructivum]. Stavely, J R *Phytopathology* 63 (4): 495-499. Ref. Apr 1973

079053 464.8 P566
Three years trial of chemical resistance against onion smut, Urocystis magica. (Fre) Crete, R *Phytoprotection* 54 (1): 32-42. Ref. Feb 1973

079054 1.9 P69P
Reaction of onion cultivars to Botrytis [cinerea] brown brown stain. Clark, C A *Plant Dis Rep* 57 (3): 210-214. Mar 1973

079055 464.8 P692
Weather conditions & spore trap catches of barley mildew. [Erysiphe graminis]. Smith, L P *Plant Pathol* 22 (1): 1-10. Mar 1973

079056 450 P696
Root exudates from lentil (Lens culinaris Medic) seedlings in relation to wilt disease. [Fusarium oxysporum]. Claudius, G R *Plant Soil* 38 (2): 315-320. Apr 1973

079057 SB211.P8I5
Investigations on resistance of potatoes to Phytophthora infestans de bary on detached leaves. (Pol) Pietkiewicz, J *Pol Inst Ziemniaka Biul* 9: 17-32. Eng. Sum. 1972

079058 SB211.P8I5
Problem of dry rot of potato tubers. [Fusarium]. (Pol) Wojciechowska, H *Pol Inst Ziemniaka Biul* 9: 81-90. 1972

079059 SB211.P8I5
Fungi causing dry rot of potatoes in Poland. [Fusarium]. (Pol) Wojciechowska, H *Pol Inst Ziemniaka Biul* 9: 91-101. Ref. Eng. Sum. 1972

079060 19.5 P752
A contribution to appearance of Ophiobolus graminis Sacc. & Helminthosporium sativum (PKB) Ito et Kurib on wheat. [Slovakia]. (Slo) Michalikova, A *Pol'nohospodarstvo* 18 (12): 1062-1069. Ref. Eng. Sum. 1972

079061 S13.P72
Germination & growth of germinating plants of wheat infected with certain species of Fusarium Link. (Cze) Grec, L *Prague Vys Sk Zemed Fak Agron Sb Rada A Rostl Vyroba* 1: 95-101. Eng. Sum. 1973

079062 442.8 P94
Ultrastructure of dormant & germinated sporangiospores of Rhizopus arrhizus. Hess, W M *Protoplasma* 77 (1): 15-33. Ref. 1973

079063 100 N27N
Stop lawn leaf spot. [Helminthosporium]. Palmer, L T *Q Serv Farm Ranch & Home Univ Nebr, Coll Agric* 20 (1): 2. Spring 1973

079064 64.8 R18
Study on resistance of a soft wheat (Triticum aestivum L.) assortment to powdery mildew, stem, brown & stripe rusts of wheat. [Erysiphe graminis, Puccinia]. (Bul) Kunovski, Z *Rastenievud Nauk* 10 (1): 129-140. Ref. Eng. Sum. 1973

079065 100 OK4M
Research on nature & control of peanut diseases in Oklahoma. [Fungus diseases]. Wadsworth, D F *Res Rep P Agric Exp Stn Okla State Univ* 683, 17 P. Apr 1973

079066 24 M44
A decline of tea bushes associated with a root rot. [Calonectria kyotensis, terashita, Cylindrocladium lanceolatum, ap. nov. et Cylindrocarpon tenue]. Peerally, A *Rev Agr Sucriere Ile Maurice* 51 (3): 147-152. Ref. July/Sept 1972

079067 464.8 R322
Eyespot of maize (Kabatiella zeae Narita & Hiratsuka) & yellow leaf blight of maize leaf (Phyllosticta zeae Stout), in Argentina. (Spa) Frezzi, M J *Rev Invest Agr Ser 5 Patol Veg* 9 (2): 101-109. Ref. Eng. Sum. 1972

079068 464.8 R322
Fusarium genus in Argentine Republic: Systematic & some considerations about species that cause damage in plants. (Spa) Carrera, J M C *Rev Invest Agr Ser 5 Patol Veg* 9 (2): 41-100. Ref. Eng. Sum. 1972

079069 SF1.R54
Apple scab. [Fusicladium dendriticum, Venturia inaequalis]. (Ita) Piccolo, L *Rilancio Agric Vet Zootec* 4 (7): 16, 18-20. 1972

079070 QH431.A1S25
Resistance of selected west-German wheat cultivars in rusts in Czechoslovakia. [Puccinia]. (Cze) Bartos, P *Sb UVti Genet Slechteni (ustav Vedeckotech Inform)* 9 (46): 59-66. Eng. Sum. Jan 1973

079071 SB123.A2S4
Fermination of pollen spores of Ustilago tritici on stigmas of flowers of winter wheat varieties differing in resistance. (Rus) Gromyko, G N *Selek Semenovod (kiev)* 22: 45-49. 1972

079072 SB123.A2S4
Effect of Trichothecin on damage to winter wheat caused by Tilletia tritici. (Rus) Serdiuk, N A *Selek Semenovod (kiev)* 22: 49-51. 1972

079073 61.9 SE5
Methos of evaluating Fusarium disease resistance of pea varieties. (Rus) Kirik, N N *Selek Semenovod (moscow)* 2: 36-379 Mar/Apr 1973

079074 61.9 SE5
Helminthosporium disease of barley & measures for its control. (Rus) Parii, I F *Selek Semenovod (moscow)* 2: 55. Mar-/Apr 1973

079075 385 SE6
Plant protection from within is systemic technique with fungicide topsin M. *Service (New Plymouth)* P. 6-9. Summer-/Autumn 1973

079076 93.33 SH62B
Studies on citrus melanose. VII. Mechanisms of its infection to dead twigs. [Diaporthe citri]. (Jap) Inoue, K *Shizuoka Citrus Exp Sta Bull* 10: 76-83. Eng. Sum. Sept 1972

079077 99.9 F497
Betula verrucosa plantations on peat. [Afforestation, Godronia multispora]. (Fin) Lehtiniemi, T *Silva Fenn* 7 (1): 24-44. Ref. Eng. Sum. 1973

079078 S592.7.A1S6
Behaviour of Cercosporella herpotrichoides & Ophiobolus graminis on buried wheat plant tissues. [Soil fungi]. Deacon, J W *Soil Biol & Biochem* 5 (3): 339-353. Ref. May 1973

079079 SB599.S8
Powdery mildew of cereals. [Barley, wheat, Erysiphe graminis]. (Cze) Jiratko, J *Stud Inform Ochrana Rost* 73 (1), 64 P. Ref. Eng. Sum. 1973

079080 SB215.S8
Screening sugarcane varieties for resistance to smut. [Ustilago scitaminea]. Empig, L T *Sugarcane Breeders' Newsl* 31: 19. Mar 1973

079081 54.8 SU7
A disease caused by Godronia multispora Groves on young Betula verrucosa & Betula pubescens on fertilized peatland. (Fin) Kurkela, T *Suo* 24 (1): 8-15. Ref. Eng. Sum. Mar 16, 1973

079082 80 SV23
Control of apple mildew. (Swe) Johnsson, T *SYr Inf Fruktodlaren (sver Yrkesfruktodlares Riksforb)* 15 (2): 10-13. 1973

079083 22.5 AG823
Leaf infection with citrus black spot & perithecial development in relation to ascospore discharge of Guignardia citricarpa Kiely. (Chi) Huang, C S *Taiwan Agr Res J* 21 (4): 256-263. Ref. Eng. Sum. Dec 1972

079084 22.5 AG823
Effects of host variety, plant maturity, soil temperature, & soil moisture on severity of Macrophomina [phaseoli] stem rot of jute. Cheng, Y H *Taiwan Agr Res J* 21 (4): 273-279. Dec 1972

079085 100 T25F
Comparisons of T cytoplasm with N cytoplasm corn hybrids & with F1 & F2 hybrids & open-pollinated varieties in 1972. [Helminthosporium maydis]. Graves, C R *Tenn Farm Home Sci Progr Rep* 85: 8-9. Jan/Mar 1973

079086 S9.T4
Winter-autumn treatment of fruit trees. [Fungicides]. (Ita) Marchetti, L *Terra Vita* 13 (42): 25-28. Oct 27, 1972

079087 99.8 T432
Notes on forest diseases & rot fungi in Iceland. (Nor) Roll-Hansen, F *Tidsskr Skogbruk* 81 (1): 73-79. 1973

079088 HD9130.1.T6
Relation of calcium to root rot of robacco incited by Pythium myriotylum. Moore, L D *Tob Sci* 16: 168. 1972

079089 HD9130.1.T6
Brown sopt damage & flue-cured tobacco quality. III. Alterations in physical characteristics & color of cured leaf in relation to desease severity. [Alternaria tenuis]. Main, C E *Tob Sci* 16: 26-31. Ref. 1972

079090 HD9130.1.T6
Resistance to anthracnose in genus Nicotiana. [Colletotrichum destructivum]. Sievert, R C *Tob Sci* 16: 32-34. 1972

079091 A99.9 F7623UN
Height growth of shortleaf pine progenies from trees selected for resistance to littleleaf disease. [Pinus echinata, Phytopthora cinnamomi]. Bryan, W C *U S Forest Serv Res Note Se* 185, 7 P. Feb 1973

079092 64.8 Z12
Cereal mildew on wheat. (Cze) Mraz, F *Uroda* 21 (1): 15-16. 1973

079093 64.8 Z12
Agressive biotypes of potato wart in Czechoslovakia. [Synchytrium endobioticum]. (Cze) Potocek, J *Uroda* 21 (1): 27-28. 1973

079094 20 V633
Comparative study of antigenic active substances of various wheat species & brown rust races. [Puccinia triticina]. (Rus) Dunin, M S *Vestn Sel'skokhoz Nauk (moscow)* 10: 9-18. Ref. Eng. Sum. Oct 1972

079095 20 AK1
The spread of the parasitic fungus in cotton leaves infected by Fusarium wilt. [Fusarium oxysporum vasinfectum]. (Rus) Gubanov, G IA *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 10: 13. Oct 1972

079096 20 AK1
Xylanase activity of cotton wilt pathogen. [Verticillium dahliae]. (Rus) Safiazov, Zh *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 3: 19-20. Ref. Mar 1973

079097 64.9 W26
Studies on powdery mildew (Erysiphe graminis DC.f.sp. tritici) in wheat. I. Biological differentiation of pathogen. II. Resistant forms. (Pol) Ralski, E *Warsaw Inst Hodowli Aklim Rosl Biul* 3/4: 21-29. 1972

079098 64.9 W26
Evaluation of new rye varieties & strains with regard to their susceptibility to eye spot (Cercosporella herpotrichoides Fron.). (Pol) Bojarczuk, J *Warsaw Inst Hodowli Aklim Rosl Biul* 3/4: 67-71. 1972

079099 99.9 W262
Conditions for affection of pine wood by Fomes annosus (Fr.) Cke. [Pinus sylvestris]. (Pol) Manka, K *Warsaw Szkola Glowna Gosp Wiejsk Lesnictwo* 18: 151-160. Eng. Sum. 1972

079100 99.9 W262
Effect of cutting & storage dates of pine sawmill logs on degree of development & composition of community of fungi causing blue stain. (Pol) Tarocinski, E *Warsaw Szkola Glowna Gosp Wiejsk Lesnictwo* 18: 161-173. Eng. Sum. 1972

079101 99.9 W262
Some remarks of fungi from Dematiaceae family occurring in hornbeam wood. (Pol) Borowska, A *Warsaw Szkola Glowna Gosp Wiejsk Lesnictwo* 18: 175-181. Ref. Eng. Sum. 1972

079102 99.9 W262
Effect of fungi communities in forest & sawmill habitats on Discula brunneo-tingens H. Meyer fungus. (Pol) Splawa-Neyman, S *Warsaw Szkola Glowna Gosp Wiejsk Lesnictwo* 18: 183-191. Eng. Sum. 1972

079103 72.8 W522
Biochemistry & physiology of Verticillium wilt of cotton. Bell, A A *West Cotton Prod Conf Sum-proc* P. 64-67. Ref. 1973

079104 72.8 W522
Genetics & life cycle of Verticillium dahliae. [Cotton, wilt]. Tolmsoff, W J *West Cotton Prod Conf Sum-proc* P. 67-70. 1973

079105 72.8 W522
Detection of Verticillium in soil. Ashworth, L J *West Cotton Prod Conf Sum-proc* P. 71-72. 1973

079106 72.8 W522
A search for immunity to Verticillium wilt in cotton. Wilhelm, S *West Cotton Prod Conf Sum-proc* P. 72-75. 1973

079107 72.8 W522
Breeding for tolerance to Verticillium wilt. [Cotton]. Barrow, J R *West Cotton Prod Conf Sum-proc* P. 75-77. 1973

079108 72.8 W522
Cultural practices for control of Verticillium wilt of cotton. Minton, E B *West Cotton Prod Conf Sum-proc* P. 77-78. 1973

079109 72.8 W522
Phymatotrichum [omnivorum] root rot. [Cotton]. Lyda, S D *West Cotton Prod Conf Sum-proc* P. 79-81. Ref. 1973

079110 463.69 W56
Field reaction of different Lr genes to Indian leaf rust races. [Uredinales, wheat]. Anand, S C *Wheat Inform Serv* 36: 1-2. Mar 1973

079111 463.69 W56
Misdivision of an Agropyron elongatum chromosome. [Puccinia recondita]. The, T T *Wheat Inform Serv* 36: 19-20. Mar 1973

079112 99.82 W8524
Utilization of carbohydrates by soft rot fungus, Chaetomium goobosum Knunze. [Softwoods]. Takahashi, M *Wood Res (Kyoto)* 54: 1-8. Ref. Mar 1973

079113 464.8 Z1
Contribution to study of some hyperparasites or antagonists of Puccinia pelargonii-zonalis. [Farlucca filum, Alternaria tenuissima, Septoria, Pelargonium, rust, natural control]. (Cro) Mijuskovic, M *Zastita Bilja* 23 (117/118): 73-78. Ref. 1972

079114 65.8 Z82
Studies on differentiating between Aphanomyces laevis & Aphanomyces cochlioides. [Sugar beets, fungus diseases]. (Ger) Schaufele, W R *Zucker* 26 (5): 246-250. Ref. Eng. Sum. May 1973

PLANT BACTERIAL DISEASES AND CONTROL

079115 80 AC82
Bacterial rot of stored mangoes. Sundararaj, J S *Acta Hort* 24: 217-220. Ref. Mar 1972

079116 464.9 C432B
Taxonomical study of etiological agents causing soft rots in potato plants. II. [Erwinia carotovora, Pseudomonas, Bacillus]. (Spa) Ciampi P, L *Agr Tec* 33 (1): 16-20. Eng. Sum. Jan/Mar 1973

079117 16 AG8259
Microbiological aspects of transplanting disorders of peach. 2. Phytotoxic substance of aqueous root extracts of peach & their effects on soil microorganisms. (Ita) Coppola, S *Agric Ital* (New Ser. 27) 72 (5): 358-366. Ref. Eng. Sum. Sept/Oct 1972

079118 1.98 AG84
Bacteria fight soybean disease. [Bdellovibrio bacteriovorus, Pseudomonas glycinea]. *Agric Res* 21 (11): 6. May 1973

079119 26 AG86
An attempt to develop a new eggplant variety tolerant to Pseudomonas solanacearum. (Fre) Daly, P *Agron Trop (paris)* 28 (1): 23-27. Eng. Sum. Jan 1973

079120 26 AG86
Lanacearum. (Fre) Daly, P *Agron Trop (paris)* 28 (1): 28-33. Eng. Sum. Jan 1973

079121 442.8 AN72
Sites of contamination & numbers of Erwinia carotovora present in stored seed potato stocks in Scotland. Perombelon, M C M *Ann Appl Biol* 74 (1): 59-65. Ref. May 1973

079122 SB599.A5
Research on bacterial diseases of fruit-trees. III. Research on Pseudomonas syringae (Van Hall) on surface of aerial organs of pear-tree & study of its quantitative variations. (Fre) Luisetti, J *Ann Phytopathol* 4 (3): 215-227. Ref. Eng. Sum. 1972

079123 SB599.A5
Research on bacterial diseases of fruit-trees. IV. Research on variations of Pseudomonas mors-prunorum f. sp. Persicae (Prunier, Luisetti, Gardan) on leaf surface of peach-tree. (Fre) Gardan, L *Ann Phytopathol* 4 (3): 229-244. Ref. Eng. Sum. 1972

079124 448.3 AN72
Genus Erwinia: enterobacteria pathogenic to plants & animals. Starr, M P *Annu Rev Microbiol* 26: 389-426. Ref. 1972

079125 442.8 AR26
Investigations on synthesis of some extracellular enzymes by Erwina carotovora. [Phytopathogens]. (Ger) Berndt, H *Arch Mikrobiol* 91 (2): 137-148. Ref. Eng. Sum. May 1973

079126 442.8 AU72
Studies on microbial colonization of sapwood of pruned apricot trees. [Fungi, bacteria]. Price, T V *Australian J Biol Sci* 26 (2): 379-388. Apr 1973

079127 80 G1948
Bacterial soft rot diseases of headed cabbage species. [Erwinia aroideae, Erwinia carotovora]. (Ger) Tarnow, W *Gartenbau* 19 (9): 202-203. Sept 1972

079128 448.3 IN8
Deoxyribonucleic acid homology groups among phytopathogenic Pseudomonas species. Pecknold, P C *Int J Syst Bacteriol* 23 (2): 111-121. Ref. Apr 1973

079129 448.3 J823
Role of motility & aerotaxis in selective increase of avirulent bacteria in still broth cultures of Pseudomonas solanacearum. [Tomatoes, tobacco]. Kelman, A *J Gen Microbiol* 76 (1): 177-188. Ref. May 1973

079130 SB599.L35
Some observations on bacteroids in nodules of Arachis spp. & isolation of Rhizobia from these nodules. [Peanuts, inoculation, Rhizobium]. Staphorst, J L *Landbouwet S-Afr Agric Sci S Afr Phytophylactica* 4 (3): 87-91. Ref. 1972

079131 SB599.L35
Research on bacterial black spot disease of mangoes. (Afr) Viljoen, N M *Landbouwet S-Afr Agric Sci S Afr Phytophylactica* 4 (3): 93-94. 1972

079132 SB599.L35
Bacterial leafspot of lettuce in Natal. [Xanthomonas vitians]. Wallis, F M *Landbouwet S-Afr Agric Sci S Afr Phytophylactica* 4 (4): 137. 1972

079133 79.8 L91
Bacterial diseases: how to control them & what are they. [Plants, diseases]. (Ita) Caumo, B *Lotta Antiparassitaria* 24 (12): 12-13. Dec 1972

079134 442.8 N22
On transfer of extra-chromosomal resistance to antibiotics from Escherichia coli to Erwinia carotovora f. citrullis by conjugation method. [Citron melons, bacterial diseases]. (Rus) Bogoroditskaia, S V *Nauch Dokl Vyssh Shk, Biol Nauk* 3: 110-113. 1973

079135 SB951.P43
Bacterial blight disease of paddy in India. [Xanthomonas oryzae]. Singh, R N *Pesticides* 6 (12): 69-73. Dec 1972

079136 464.8 P692
Irrigation as a practical means to control potato common scab (Streptomyces scabies): final experiment & conclusions. Lapwood, D H *Plant Pathol* 22 (1): 35-41. Mar 1973

079137 13 R322
Discovery of Erwinia amylovora (Burrill) Winslow et al. (fire blight of pear) in Belgium. (Fre) Veldeman, I R *Rev Agr (brussels)* 25 (11/12): 1587-1594. Map. Eng. Sum. Nov/Dec 1972

079138 24 M44
Confirmation of citrus greening disease in Mauritius by identification of marker substance gentiosyl glucose. Soniassy, N *Rev Agr Sucriere Ile Maurice* 51 (3): 198-200. July/Sept 1972

079139 420 SO12
Population dynamic effect of traps functioning on principle of sexual attraction. [Laspeyresia pomonella]. (Hun) Vojnits, A *Rovartani Kozlemenyek* 25 (33): 497-499. Eng. Sum. 1972

079140 SB123.A2S4
Bacterial wilt as an important cause of reducing productivity of alfalfa. [Corynebacterium insidiosum]. (Rus) Ladyzhenskaia, N V *Selek Semenovod (kiev)* 22: 62-66. 1972

079141 302.8 T162
Spontaneous heating in piled wood chips – contribution of bacteria. [Populus tremuloides]. Feist, W C *Tappi (Tech Ass Pulp Pap Indus)* 56 (4): 148-150. Ref. Apr 1973

079142 HD9130.1.T6
Principal characteristics of Actinomycetes from tobacco. Lukic, A *Tob Sci* 16: 139-143. Ref. 1972

079143 99.9 W262
Role of bacteria in wood decomposition. (Pol) Wazny, J *Warsaw Szkola Glowna Gosp Wiejsk Lesnictwo* 18: 143-150. Ref. Eng. Sum. 1972

079144 72.8 W522
An evaluation of seed dressings for effectiveness in reducing incidence of bacterial blight in cotton seedlings. [Xanthomonas malvacearum]. Davis, R G *West Cotton Prod Conf Sum-proc* P. 84-85. 1973

PLANT VIRUS DISEASES AND CONTROL

079145 448.3 AC85
Potato virus X in potato apical meristems. Krylova, N V *Acta Virol* 17 (2): 172. Mar 1973

079146 26 AG87
Reaction of Venezuelan varieties of bean (Phaseolus vulgaris L.) to various plant viruses. (Spa) Trujillo, G E *Agron Trop (maracay)* 22 (4): 429-434. Eng. Sum. July/Aug 1972

079147 26 AG86
Stripe disease: An important disease of corn in Reunion. [Peregrinus maidis]. (Fre) Etienne, J *Agron Trop (paris)* 28 (1): 11-17. Ref. Eng. Sum. Jan 1973

079148 75.8 P842
Experimental host range of potato spindle tuber 'virus'. Singh, R P *Amer Potato J* 50 (4): 111-123. Ref. Apr 1973

079149 506 SP12
Investigations into rhizosphere mycoflora. XI. Effect of cobalt chloride on fungal population of healthy & virus (PVX) infected plants of Lycopersicum esculentum Mill. var. Marglob. [Tomatoes, soil fungei. Mishra ,R R *An Edafol Agrobiol* 32 (1/2): 47-57. Ref. Jan/Feb 1973

079150 442.8 AN72
Cowpea mild mottle, a newly recognized virus infecting cowpeas (Vigna unguiculata) in Ghana. Brunt, A A *Ann Appl Biol* 74 (1): 67-74. Ref. May 1973

079151 442.8 AN72
East African strains of cowpea aphid-borne mosaic virus. Bock, K R *Ann Appl Biol* 74 (1): 75-83, Map. May 1973

079152 421 AN9
Studies on viroses of strawberries in southern Spain. (Ger) Weiler, N *Anz Schadlingsk Pflanzenschutz* 46 (1): 11-14. Eng. Sum. Jan 1973

079153 65.9 AU7
Fiji disease at Bundaberg. [Perkinsiella saccharicida, vectors]. Toohey, C L *Australian Sugar Year Book* 32: 109-111, 113. Map. 1973

079154 450 B622
Mycoplasmic diseases of plants. [Pears]. (Nor) Solheim, B *Blyttia* 31 (1): 39-50. Ref. Eng. Sum. 1973

079155 87 H612
Studies on pear necrotic spot. [Virus diseases]. (Jap) Kishi, K *Bull Hort Res Stn Min Agric Forest, Ser A, Hiratsuka* 11: 140-149. Eng. Sum. Mar 1972

079156 80 C125
A new test for citrus cachexia. [Virus]. Roistacher, C N *Calif Citrogr* 58 (7): 261-262. May 1973

079157 470 C16C
Resistance & virulence in Avena: Puccinia coronata host-parasite system in Kenya & Ethiopia. Martens, J W *Can J Bot* 51 (4): 711-714. Ref. Apr 1973

079158 470 C16C
Local lesion formation by ultraviolet irradiation on leaves systemically infected with TMV. [tobacco mosaic virus]. Takagi, Y *Can J Bot* 51 (4): 825-826. Apr 1973

079159 19.5 C333
Results in solving tasks in virus diseases & their control. [Plants]. (Cze) Chod, J *Cesk Akad Zemed Vestn* 20 (3): 115-118. 1973

079160 QD241.C5
Structural biochemistry. XII. Synthesis of tobacco mosaic virus protein unit 150-158. Pettit, G R *Chem Soc J Perkin Trans I, Org Bio-org Chem* 9: 950-954. 1973

079161 464.9 C47
Occurrence of sesame witches broom in Taiwan. [Mycoplasma]. (Chi) Yang, I L *Chung-hua Chih Wu Pao Hu Hsueh Hui Plant Prot Bull* 14 (2): 58-64. Ref. Eng. Sum. June 1972

079162 73.8 C82
A new approach to epidemiological study of a phyllody (cotton floral virescence): Selective culture of mycoplamas extracted from some plants & leafhoppers taken from their original biocenosis. [Cicadellidae]. (Fre) Giannotti, J *Coton Fibres Trop* 27 (4): 371-377. Ref. Eng. Sum. Dec 1972

079163 73.8 C82
Role of Orosius cellulosus Lindberg (Homoptera: Cicadelloidae) as a vector of floral virescence of cotton in Upper Volta. (Fre) Laboucheix, J *Coton Fibres Trop* 27 (4): 393-394. Dec 1972

079164 475 SCI23
Translocation of tobacco mosaic virus from tobacco callus cultures through hyphae of Pythium debaryanum hesse. Subbarayudu, S *Cur Sci* 42 (9): 325-326. Ref. May 5, 1973

079165 18 D4825T
Present situation in occurrence of cereal virus diseases in German Democratic Republic & possible trends. (Ger) Spaar, D *Deut Akad Landwirtschaftswiss Tagungsber* 119: 193-201. Ref. Eng. Sum. 1972

079166 475 EX7
Importance of reverse transcriptase in plant tumour tissue of viral origin cultivated in virto. [Rumex acetosa]. Shirodkar, A S *Experientia* 29 (5): 535-536. Ref. May 15, 1973

079167 80 G1948
Diagnosis & control of virus infections of currant & gooseberry. (Ger) Kleinhempel, H *Gartenbau* 19 (10): 234-236. Oct 1972

079168 442.8 G28
Barley stripe mosaic virus & frequency of triploids & aneuploids in barley. Sandfaer, J *Genetics* 73 (4): 597-603. Apr 1973

079169 S19.G5
Citrus stem-pitting virus diseases at Bunso, Ghana. Adansi, M A *Ghana J Agr Sci* 5 (2): 111-119. Ref. 1972

079170 17 SCH9
On cause & epidemiology of yellowing virosis disease of sugar beets. (Ger) Hani, A *Grune* 101 (20): 720-724. May 18, 1973

079171 69.9 J27
Studies on flight behaviour of alate aphids in relation to transmission of cucumber mosaic virus of tobacco & their control. [Myzus persicae, Brevicoryne brassicae]. (Jap) Nakazawa, K *Hatano Tobacco Exp Sta Bull* 72, 134 P. Ref. Eng. Sum. Nov 1972

079172 64.8 H66
Investigations into occurrence of carnation mottle virus & carnation ringspot virus on glasshouse carnation cultures in central Poland. [Dianthus caryophyllus]. (Pol) Kowalska, A *Hodowla Roslin Aklimatyzacja Nasiennictwo* 17 (13: 53-63. Ref. Eng. Sum. 1973

079173 QK1.I53
Ultrastructure of tomato bushy stunt virus strains in plant tissues. Martelli, G P *Inf Bot Ital* 4 (3): 208. Sept/Dec 1972

079174 QK1.I53
Ultrastructure of tomato bushy stunt virus strains in plant tissues. Russo, M *Inf Bot Ital* 4 (3): 208-209. Sept/Dec 1972

079175 QR360.A1J6
PVX [potato virus X]-Q: an infective product of potato virus X & leaf o-quinone. Pierpoint, W S *J Gen Virol* 19 (2): 189-199. Ref. May 1973

079176 QR360.A1J6
Protein & nucleic acid components of elderberry latent virus. [Sambucus canadensis]. Mayo, M A *J Gen Virol* 19 (2): 245-252. Ref. May 1973

079177 QR360.A1J6
A study of sequence homology between tobacco rattle virus ribonucleic acids. Minson, A C *J Gen Virol* 19 (2): 253-262. Ref. May 1973

079178 QR360.A1J6
A trimetric & electrophoretic study of cowpea chlorotic mottle virus & its protein. Johnson, M W *J Gen Virol* 19 (2): 263-273. Ref. May 1973

079179 QR360.A1J6
Evidence for two functional RNA species & a 'satellite' RNA in tomato black ring virus. Murant, A F *J Gen Virol* 19 (2): 275-278. May 1973

079180 80 J825
Virus effects on performance of apple trees on apomictic seedling rootstocks. Campbell, A I *J Hort Sci* 48 (2): 155-163. Ref. Apr 1973

079181 80 J825
Interaction of rootstock, scion variety & virus complement on apple tree growth. Johnstone, G R *J Hort Sci* 48 (2): 175-179. Apr 1973

079182 S19.K72
Virus disease problem in vegetable crops. [India]. Gupta, D K *Krishak Samachar* 16 (8): 10, 18. Aug 1972

079183 QP981.T6K4
Characterization & epidemiological studies of a newly recognized tobacco virus. Pirone, T P *Ky Univ Tob Health Res Inst Conf Rep* 4: 787-795. 1973

079184 SB599.L35
Association of sunblotch virus symptoms with graft-incompatibility in avocado trees. Pretorius, W J *Landbouwet S-Afr Agric Sci S Afr Phytophylactica* 4 (3): 95-96. 1972

079185 22 M262
A report on survey of sterility mosaic disease incidence on redgram in Tamilnadu. [Pidgeonpeas]. Janarthanan, R *Madras Agr J* 60 (1): 41-44. Jan 1973

079186 22 M262
Studies on role of weed plants in spread of virus diseases. II. Role of Solanum nigrum in spreading chilli mosaic virus, a strain of potato virus Y. Mariappan, V *Madras Agr J* 60 (2): 120-121. Feb 1973

079187 451 M854
Mosaic virus disease of Datura metel L. (Rus) Khotin, IU A *Moscow Gl Bot Sad Byul* 87: 113-115. 1973

079188 442.9 B832
Host plants of plum pox virus. (Ger) Hamdorf, G *Nachrichtenbl Deut Pflanzenschutzdienstes* 24 (12): 181-186. Ref. Eng. Sum. Dec 1972

079189 442.9 B832
Occurrence of viruses on Gramineae in German Federal Republic. (Ger) Huth, W *Nachrichtenbl Deut Pflanzenschutzdienstes* 24 (12): 187-190. Ref. Eng. Sum. Dec 1972

079190 500 N21P
Virus-like particles in an extranuclear mutant of Neurospora crassa. Kuntzel, H *Nat Acad Sci Proc* 70 (5): 1574-1578. Ref. May 1973

079191 442.8 N22
On viral nature of wart desease in peas. (Rus) Gerasenkova, E D *Nauch Dokl Vyssh Shk, Biol Nauk* 3: 106-109. Ref. 1973

079192 436.8 N342
Virus-like particles in Dolichodorus heterocephalus. [Plant viruses]. Zuckerman, B M *Nematologica* 19 (1): 117-118. Mar 1973

079193 464.8 P562
Metabolic changes in plants after virus-infection affected by translocated wound stimuli. 4. Changes of permeability. [Kidney beans]. (Ger) Thilo, H J *Phytopathol Z* 76 (3): 205-220. Ref. Eng. Sum. Mar 1973

079194 SB211.P8I5
Comparison of laboratory & field estimation of resistance of potato breeding lines to virus Y (PVY) obtained in 1959-1968 at Zelazna. (Pol) Chrzanowska, M *Pol Inst Ziemniaka Biul* 9: 11-15. Eng. Sum. 1972

079195 24 R3472
A relationship between zinc deficiency & pellcuid spot of maize. Tanner, P D *Rhodesia Zambia Malawi J Agr Res* 11 (1): 83-86. 1973

079196 SB215.S8
Ratoon-stunting disease in relation to shipment of sugarcane cuttings from Canal Point, Florida. Dean, J L *Sugarcane Breeders' Newsl* 31: 30-31. Mar 1973

079197 100 F66SU
Florida's coconut palms threatened by lethal yellowing. [Mycoplasma]. McCoy, R E *Sunshine State Agr Res Rep* 18 (1/2): 8-10. Mar/Apr 1973

079198 66.9 SV22
Yellow wilt in sugar beets. (Swe) Nilsson, I *Sver Betodlares Centralforen Betodlaren* 35 (4): 150-151. 1972

079199 HD9130.1.T6
Sources of resistance to potato virus Y in genus Nicotiana. Sievert, R C *Tob Sci* 16: 92-94. Ref. 1972

079200 448.8 V81
Infection of tobacco mesophyll protoplasts by cucumber mosaic virus. Otsuki, Y *Virology* 52 (2): 433-438. Ref. Apr 1973

079201 448.8 V81
Effect of actinomycin D on potato virus X multiplication in Datura stramonium leaves. Reunova, G D *Virology* 52 (2): 502-506. Apr 1973

079202 448.8 V81
Possible heterogeneity of 5'-terminal of turnip yellow mosaic virus RNA. Crossley, J R *Virology* 52 (2): 578-580. Apr 1973

079203 448.8 V81
A quantitative autoradiographic study of intracellular sites for replication of cauliflower mosaic virus. [Chinese cabbage]. Favali, M A *Virology* 53 (1): 115-119. May 1973

079204 448.8 V81
Partial purification, structure & infectivity of complete maize rough dwarf virus particles. Milne, R G *Virology* 53 (1): 130-141. Ref. May 1973

079205 448.8 V81
Noncovalent interactions in viruses: characterization of their role in pH [hydrogen-ion concentration] & thermally induced conformational changes in bromegrass mosaic virus. [Barley]. Incardona, N L *Virology* 53 (1): 204-214. Ref. May 1973

079206 448.8 V81
In vitro protein polymerization & nucleoprotein reconstitution of tobacco rattle virus. Morris, T J *Virology* 53 (1): 215-224. Ref. May 1973

079207 448.8 V81
Aphid stylet transmission of poly-1-ornithine treated tobacco mosaic virus. [Myzus persicae]. Pirone, T P *Virology* 53 (1): 274-276. May 1973

079208 448.8 V81
Replication of tobacco mosaic virus. IV. Further characterization of viral related RNAs. Siegel, A *Virology* 53 (1): 75-83. Ref. May 1973

079209 448.8 V81
Changes in flow of early products of photosynthetic carbon fixation associated with replication of TYMV [Turnip yellow mosaic virus, Chinese cabbage]. Bedbrook, J R *Virology* 53 (1): 84-91. Ref. May 1973

079210 20 AK1
On feasibility of infecting tomatoes with virus S of potatoes. (Rus) Shcherbakova, N M *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 10: 17-18. Oct 1972

079211 20 AK1
Effectiveness of methods of selecting healthy seed potatoes. [Virus diseases, resistance]. (Rus) Karmanov, S N *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 3: 23-25. Mar 1973

079212 20 AK1
Antiviral properties of membrane proteins in tobacco mitochondria. (Rus) Rubin, B A *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 3: 6-9. Ref. Mar 1973

MISCELLANEOUS PLANT DISEASES, INJURIES, AND CONTROL

079213 S544.3.W6W53
Pest control in corn & soybeans: weeds, insects, diseases. Doersch, R E *A Coop Ext Programs Univ Wis* A1684, 22 P. Jan 1973

079214 S544.3.W6W53
1973 Apple pest control. Koval, C F *A Coop Ext Programs Univ Wis* 1932, 10 P. Jan 1973

079215 S544.3.W6W53
1973 Cherry pest control. Koval, C F *A Coop Ext Programs Univ Wis* 1933, 8 P. Feb 1973

079216 S544.3.W6W53
1973 Strawberry pest control. Koval, C F *A Coop Ext Programs Univ Wis* 1934, 8 P. Feb 1973

079217 80 AC82
Investigations on control of black tip disorder of mango. [Necrosis]. Nauriyal, J P *Acta Hort* 24: 215-216. Mar 1972

079218 80 AC82
Seasonal variation in incidence of malformation in Mangifera indica L. [Mangoes]. Majumder, P K *Acta Hort* 24: 221-223. Mar 1972

079219 80 AC82
Mango malformation – a review of work done at Horticultural Research Institute, Saharanpur, India. Prasad, A *Acta Hort* 24: 227-229. Mar 1972

079220 80 AC82
Studies on effect of malformation on growth, sex ratio, fruit set & yield of mango. Majumder, P K *Acta Hort* 24: 230-234. Mar 1972

079221 80 AC82
Towards understanding of problem of mango malformation. Varma, A *Acta Hort* 24: 237. Mar 1972

079222 QL1.A25
Materials to knowledge of plant galls of forest Wolski near Cracow. Skrzypczynska, M *Acta Zool Cracov* 14: 265-280. 1969 Transl. 1972

079223 22.5 N682
Diagnosis & control of boron efficiency in grape. (Jap) Aragaki, K *Agric Hortic* 48 (3): 81-84. Mar 1973

079224 1.98 AG84
Alfalfa clones... Indicators of air pollution. *Agric Res* 21 (11): 14. May 1973

079225 14 AG823
A 'starling problem' out of ordinary. [Birds, Pests, control]. (Fre) Gramet, P *Agric Rev Men Tech Econ* 364: 106-107. Apr 1973

079226 8 T73
Plant-parasitic nematodes in south Australia. Stirling, G R *Agric Soc Trinidad Tobago J* 72 (4): 430-434, 436-440. Dec 1972

079227 8 AG839
List of crops & their main pests in Mexico. (Spa) Pena M, R *Agric Tec Mex* 3 (5): 178-193. Eng. Sum. July 1972

079228 385 AG88
A proposal for organization of agrochemical enterprises from point of view of plant protection in Uherske Hradiste district. (Cze) Zabransky, S *Agrochemia (bratislava)* 13 (1): 11-15. Map. Eng. Sum. 1973

079229 442.9 AK132
Nematodes of some vegetable crops of Sheki-Zakatal' area of Azerbaijan. (Rus) Kasimova, G A *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 3: 81-84. 1972

079230 442.9 AK132
On nematodes of vegetable & cucurbitaceous crops of Kura-Aras lowlands. (Rus) Kasimova, G A *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 4: 62-66. 1972

079231 436.9 AK1
Certain features of formation of nematodes of stored vegetables. (Rus) Pokrovskaia, T V *Akad Nauk Sssr Gelmintol Lab Tr* 23: 125-129. 1973

079232 436.9 AK1
Incidence of infestation by nematodes of coniferous tree trunk pests in USSR. [Pinus, Picea, Abies]. (Rus) Blinova, S L *Akad Nauk Sssr Gelmintol Lab Tr* 23: 20-36. Ref. 1973

079233 436.9 AK1
Effect of mineral fertilizers on stem eelworm Ditylenchus dipsaci (Kuhn, 1936) Filipjev, 1936 & Ditylenchus destructor Thorne, 1945. (Rus) Shubina, L V *Akad Nauk Sssr Gelmintol Lab Tr* 23: 217-224. 1973

079234 436.9 AK1
Parasitic nematodes of coniferous seedlings. [Pinus, Larix, Picea]. (Rus) Gubina, V G *Akad Nauk Sssr Gelmintol Lab Tr* 23: 48-52. Ref. 1973

079235 436.9 AK1
Effect of certain preceding crops on species composition & population of nematodes of winter wheat. (Rus) Baranovskaia, I A *Akad Nauk Sssr Gelmintol Lab Tr* 23: 8-20. Ref. 1973

079236 450 AN4
Evaluation of quantitative infestation/-crop loss relationships in fields. [diseases. (Ger) Kranz, J *Angew Bot* 46 (5/6): 285-294. Ref. Eng. Sum. Feb 1973

079237 442.8 AN72
Effects of D-D, Telone or dazomet applied to potato ridges in spring on potato cyst-nematode, Heterodera rostochiensis, in sandy loam & silt loam soils. [Soil fumigation]. Whitehead, A G *Ann Appl Biol* 74 (1): 105-111. May 1973

079238 442.8 AN72
Control of potato cyst-nematode, Heterodera rostochiensis, in three soils by small amounts of aldicarb, Du Pont 1410 or Nemacur applied to soil at planting time. [Soil fumigation]. Whitehead, A G *Ann Appl Biol* 74 (1): 113-118. May 1973

079239 442.8 AN72
Soil fumigation with methyl bromide: uptake & distribution of inorganic bromide in tomato plants. Kempton, R J *Ann Appl Biol* 74 (1): 91-98. Ref. May 1973

079240 442.8 AN72
Effects of soil fumigation on growth of apple & cherry rootstocks on land previously cropped with apples. Jackson, J E *Ann Appl Biol* 74 (1): 99-104. May 1973

079241 QL752.A1A5
Destruction trials of muskrat, Ondatra zibethica L., in ponds using poisoning rafts. (Fre) Vincent, J P *Ann Zool Ecol Anim* 5 (1): 119-127. Map. Eng. Sum. 1973

079242 QL752.A1A5
Note on toxicity of 2-chloro-4-toluidine towards grey partridge (Perdix perdix L.) & red legged partridge (Alectoris rufa L.) [Starlings, control]. (Fre) Grolleau, G *Ann Zool Ecol Anim* 5 (1): 139-141. Eng. Sum. 1973

079243 421 AN9
On effect of bait rodenticides on small mammals of forest areas & a proposal for an improved application. (Ger) Baumler, W *Anz Schadlingsk Pflanzenschutz* 46 (4): 55-60. Ref. Eng. Sum. Apr 1973

079244 421 AN9
Tests on determination of incubation time of lethal yellowing disease of coconut palm in host plant. (Ger) Heinze, K G *Anz Schadlingsk Pflanzenschutz* 46 (5): 70-73. Eng. Sum. May 1973

079245 S3.A7
Integrated control systems are answer to potato eelworm. [Heterodera rostochiensis]. Whitehead, A G *Arable Farmer Veg Grower* 4 (7): 74-76. Feb 1973

079246 S11.B43
Changes in fruit as a result of disease. Some notes. 2. (Dut) Oostenbrink, M *Bedrijfsontwikkeling* 4 (3): 245-252. Ref. Mar 1973

079247 S11.B43
Interesting battle with diseases. [Sugar beets]. (Dut) Heijbroek, W *Bedrijfsontwikkeling* 4 (4): 344-347. Apr 1973

079248 19 B635
Study of effect of root injuries on cauliflower (Brassica oleracea var. cauliflora). (Ger) Gretmacher, R *Bodenkultur* 24 (1): 40-50. Ref. Eng. Sum. Feb 1973

079249 SB950.A1B6
Word 'control' & other barbarisms. [Plant protection]. (Spa) Andres Cantero, F de *Bol Inf Plagas* 90: 47-50. Feb 1972

079250 SB950.A1B6
Phenological observations in Malaga, 1971. [Lemons, almonds, plant protection]. (Spa) Moreno Vazquez, R *Bol Inf Plagas* 96: 3-11. Aug 1972

079251 66.8 B77
Manganese: vital trace element. [Sugar beets, nutritional deficiencies]. Draycott, A P *Brit Sugar Beet Rev* 41 (1): 21-27. Mar 1973

079252 87 H612
Studies on copper deficiency of citrus. I. diagno (Jap) Ishihara, M *Bull Hort Res Stn Min Agric Forest, Ser A, Hiratsuka* 11: 41-76. Ref. Eng. Sum. Mar 1972

079253 SB278.J3I9
Studies on haploid method of breeding by anther culture in tobacco. III. resistances of haploid plants to several diseases of tobacco. (Jap) Nakamura, A *Bull Morioka Tob Exp Stn* 5: 121-128. Ref. Eng. Sum. Feb 1973

079254 SB278.J3I9
Development of bacterial wilt, black root rot & black shank resistant flue-cured tobacco variety, F-202. [Pseudomonas tabaci, Thielaviopsis basicola, Phytophthora parasitica]. (Jap) Murai, T *Bull Morioka Tob Exp Stn* 5: 69-89. Ref. Eng. Sum. Feb 1973

079255 TD201.V57
Effects of Radford Army Ammunition Plant wastes on aquatic vegetation in New River, Virginia. Mitchell, R S *Bull Water Resour Res Cent Va Polytech Inst State Univ* 57: 19-29. Map. Apr 1973

079256 14 P215BC
Bioclimatology & sanitary protection of crops. (Fre) Journet, P *C R Seances Acad Agric Fr* 15 (Special No.): 1191-1208. 1972

079257 81 C128
Efficacy of aerial applications of zinc to avocado trees. [Nutritional deficiencies]. Lee, B W *Calif Avocado Soc Yearbook* 56: 121-123. 1973

079258 81 C128
Some troubles of avocado fruit. Platt, R G *Calif Avocado Soc Yearbook* 56: 35-37. 1973

079259 80 C352
Prevention & control of most important diseases & pests in mushroom culture. (Ger) Vedder, P J C *Champignon* 139: 18-19, 22-32. Mar 1973

079260 87 M42
Incidence of complex disease caused by Pratylenchus penetrans or pratylenchus coffeae & Fusarium wilt fungus in tomato seedlings. (Jap) Hirano, K *Chiba Univ Fac Hort Tech Bull* 20: 37-43. Ref. Eng. Sum. Dec 1972

079261 275.29 SO8I
Cotton pest management: a systems approach to producing cotton in South Carolina. Sparks, L M *Clemson Univ Ext Inform Card* 97 Rev., 11 P. Map. Feb 1973

079262 100 C71S (1)
Pocket gophers & Colorado mountain rangeland. Turner, G T *Colo Agr Exp Sta Bull* 554S, 90 P., Map. Ref. Mar 1973

079263 80 C83
Azaleas that defy frost. Harris, C C *Country Life (london)* 153 (39581: 1210-1211. May 3, 1973

079264 464.8 D36
A problem of starling 'guano'! [Birds, pests]. (Fre) Davoust, P *Def Veg* 27 (160): 114-115. Mar/Apr 1973

079265 464.8 D36
Index of phytosanitary products. IX edition: Second list, March 1973. [Plant protection]. (Fre) *Def Veg* 27 (160): 57-77. (11 P. Not Consecutive) Mar/Apr 1973

079266 381 D75
Gladiolus soil fumigation trial – 1972. Fries, H H *Down Earth* 29 (1): 18-21. Summer 1973

079267 24 EA74
A survey of sugarcane diseases and pests in east Africa. Rogers, P F *East Afr Agr Forest J* 38 (2): 162-169. Map. Oct 1972

079268 24 EA74
A note on copper deficiency symptons of some field crops. Wapakala, W W *East Afr Agr Forest J* 38 (2): 211-213. Oct 1972

079269 QH540.E3
Ecological basis of plant protection from pests & diseases. (Rus) Poliakov, I IA *Ekologiia* 4: 19031. Ref. 1972

079270 S544.3.N4N4
Insect, mite, & rodent control in New Hampshire Christmas tree plantations. Mason, A H *Ext Publ Coop Ext Serv Univ N H* 1, 8 P. 1973

079271 SB1.F53
Pest control for commercial foliage nurseries in Florida. Short, D E *Fla Foliage Grow* 10 (1): 1-9. Jan 1973

079272 99.8 SH65
Injury to Betula maximowicziana by nematode, Meloidogyne mali. (Jap) Shoji, J *For Prot (tokyo)* 22 (2): 7-9. Feb 1972

079273 99.8 SH65
Withering of Pinus trees injuried by Tehcodiplosis japonensis or nematodes in suburb of Mito City. (Jap) Kaminaga, S *For Prot (tokyo)* 22 (2): 9-11. Feb 1972

079274 60.8 F742
Forage yields increased three years following application of nematicides. Thompson, L S *Forage Notes (Ottawa)* 18 (1): 10-11. Spring 1973

079275 60.8 F742
Nematode infestation of grass roots greater in grass-legume mixtures. Willis, C B *Forage Notes (Ottawa)* 18 (1): 21-22. Spring 1973

079276 60.8 F742
Soil microorganisms affect alfalfa. [Nematodes, Fusarium]. Willis, C B *Forage Notes (Ottawa)* 18 (1): 7-8. Spring 1973

079277 60.8 F742
Nematodes & forage legumes. Willis, C B *Forage Notes (Ottawa)* 18 (1): 8-10. Spring 1973

079278 99.8 F7691
Insect & plant diseases in small woodlot management. Mason, A *Forest Notes* 114: 26-27. Spring 1973

079279 275.29 M381FR
Woodchucks in orchards. Ladd, E R *Fruit Notes Dep Plant Soil Sci Coop Ext Serv Coll Agric Univ Mass* 38 (3): 5-6. May/-June 1973

079280 80 F9492
Effectiveness of some nematicides in banana plantations in volcanic soils in neighborhood of Mungo (Cameroun). (Fre) Melin, P *Fruits* 28 (1): 3-17. Ref. Eng. Sum. Jan 1973

079281 86 N28
Cox's Orange Pippin: plant protection. [Apples]. (Dut) Mandersloot, H J *Fruitteelt* 63 (16): 419. Apr 21, 1973

079282 80 R52
Diseases of olives in nurseries. (Ita) Andreucci, E *Frutticoltura* 35 (2): 5-17. Ref. Feb 1973

079283 100 G295
Nematode-resistant sericea being developed. [Lespedeza cuneata]. Minton, N A *Ga Agr Res* 14 (3): 7-9. Winter 1973

079284 275.29 G29L
Cucumber diseases. Gay, J D *Ga Univ Ext Leafl* 69, Rev, 2 P. Apr 1973

079285 275.29 G29L
Squash, diseases. Gay, J D *Ga Univ Ext Leafl* 75 (Rev), 2 P. Apr 1973

079286 80 G1948
Diseases & pests of currants. (Ger) Rode, H *Gartenbau* 19 (10): 23-2232. Oct 1972

079287 80 G1948
Disease & pest control in gooseberry production. (Ger) Friedrich, G *Gartenbau* 19 (10): 232-233. Oct 1972

079288 80 G1948
Plant protection in raspberry production. (Ger) Kirchner, H A *Gartenbau* 19 (10): 233-234. Oct 1972

079289 80 G1948
Scientific plant protection to intensify fruit production in Tornau-Prussendorf training & experimental farm. (Ger) Schauer,f *Gartenbau* 20 (4): 109-111. Apr 1973

079290 80 G1948
Ornamental plant compatibility with plant protectives. (Ger) Richter, S *Gartenbau* 20 (4): 117-118. Apr 1973

079291 80 G1948
Tasks & problems of cooperative plant protection in industrial scale vegetable & fruit production. (Ger) Becker, H G *Gartenbau* 20 (4): 93-95. Apr 1973

079292 80 G1938
Potato cyst nematode in Norway. [Heterodera]. (Nor) Kjos, J *Gartneryrket* 63 (11): 214-216. Mar 16, 1973

079293 SB320.G4
Correct application of plant protection materials. (Ger) Jansen, W *Gemuse* 9 (5): 136. May 15, 1973

079294 SB320.G4
Calcium deficiency in cauliflower: Disease symptoms & causes. (Ger) Wiebe, H J *Gemuse* 9 (5): 138, 140-142. May 15, 1973

079295 11 H152
Oat nematodes – some interesting Danish research. (Swe) Ivansson, G *Hallands Lans Hushallningssallsk Tidskr* 16 (2): 15-16. Mar 1973

079296 QH91.A1H4
Pollution effects on littoral algal communities in inner Oslofjord, with special reference to Ascophyllum nodosum. Rueness, J *Helgol Wiss Meeresunters* 24 (1/4): 446-454. Map. Mar 1973

079297 436.9 H36
Energetics of Aphelenchus avenae in monoxenic culture. (Botrytis cinerea-elenchus avenae in monoxenic culture. Soyza, K de *Helminthol Soc Wash Proc* 40 (1-): 1-10. Jan 1973

079298 442.8 H42
Linkage between marker genes on barley chromosome 2 & a gene for resistance to Heterodera avenae. Andersen, S *Hereditas* 73 (2): 271-276. Ref. 1973

079299 275.29 IL62C
Turfgrass pest control. Turgeon, A J *Ill Univ Ext Circ* 1076, 6 P. Mar 1973

079300 S592.5.O7
Fumigants, fungicides, & nematicides. [Soil biology]. Goring, C A I *In Organic Chemicals in the Soil Environment* 2: 569-632. 1972

079301 22 AG83I
Note on biotypes of potato golden nematode (Heterodera rostochiensis Wollenweber) in Nilgiris. Menon, P P V *Indian J Agr Sci* 42 (11): 1068. Nov 1972

079302 20 M57AG
Plant protection service in Mongolia. (Ger) Dawassuren, T *Int Z Landwirt* 4: 447-449. 1972

079303 22 IN8
Control these cucurbit diseases. Khandelwal, C L *Intensive Agr* 10 (12): 9-10. Feb 1973

079304 QH540.J6
Effects of air pollution on Maryland (type 32) tobacco. Menser, H A *J Environ Qual* 2 (2): 253-258. Map. Ref. Apr-/June 1973

079305 QH540.J6
Responses of plant parasitic & saprophytic nematode populations to composted municipal refuse. [Helicotylenchus, Criconemoides]. Hunt, P G *J Environ Qual* 2 (2): 264-266. Ref. Apr/June 1973

079306 QH540.J6
Suppression of ozone injury to Phaseolus vulgaris L. with thiophanate ethyl & its methyl analogue. [Kidney beans]. Seem, R C *J Environ Qual* 2 (2): 266-268. Ref. Apr/June 1973

079307 QL391.N4J62
Population dynamics of plant nematodes in cultivated soil: length of rotation in newly cleared & old agricultural land. [Cultural control]. Good, J M *J Nematol* 5 (2): 117-122. Ref. Apr 1973

079308 QL391.N4J62
Fine structure analyses of stem nematode-induced white flagging in Medicago sativa. [Alfalfa, Ditylenchus dipsaci]. Campbell, W F *J Nematol* 5 (2): 123-126. Ref. Apr 1973

079309 QL391.N4J62
Pathogenicity of Meloidogyne hapla to lettuce as affected by inoculum level, plant age at inoculation & temperature. Wong, T K *J Nematol* 5 (2): 126-129. Apr 1973

079310 QL391.N4J62
Meloidogyne hapla in organic soil: effects of environment on hatch, movement & root invasion. [Lettuce]. Wong, T K *J Nematol* 5 (2): 130-138. Ref. Apr 1973

079311 QL391.N4J62
Effect of temperature on growth, development & reproduction of Meloidogyne hapla in lettuce. Wong, T K *J Nematol* 5 (2): 139-142. Ref. Apr 1973

079312 QL391.N4J62
Hatching of Meloidogyne incognita eggs in neutral carbohydrate fraction of root exudates of gnotobiotically grown alfalfa. Hamlen, R A *J Nematol* 5 (2): 142-146. Ref. Apr 1973

079313 QL391.N4J62
Methyl bromide fumigation of Pratylenchus brachyurus in peanut shells. Minton, N A *J Nematol* 5 (2): 147-149. Ref. Apr 1973

079314 QL391.N4J62
Heterodera longicolla, n.sp. (Nematoda: hteroderidae) from buffalo-grass (Buchloe dactyloides) in Kansas. Golden, A M *J Nematol* 5 (2): 150-154. Apr 1973

079315 QL391.N4J62
Criconema proclivis n. Sp. (Nematoda: Criconematinae) from woodlands. [Hardwoods, United States]. Hoffmann, J K *J Nematol* 5 (2): 155-157. Ref. Apr 1973

079316 QL391.N4J62
Relationship between population densities of Pratylenchus penetrans & crop losses in flue-cured tobacco in Ontario. Olthof, H A *J Nematol* 5 (2): 158-162. Ref. Apr 1973

079317 QL391.N4J62
Effects of hot water treatments on survival of heterodera schachtii. [Sugar beets, nematodes]. Steele, A E *J Nematol* 5 (2): 81-84. Apr 1973

079318 QL391.N4J62
Gametogenesis & reproduction of Meloidogyne graminis & Meloidogyne ottersoni (Nematoda: Heteroderidae). [Zoysia japonica, Cynodon dactylon]. Triantaphyllou, A C *J Nematol* 5 (2): 84-87. Apr 1973

079319 QL391.N4J62
Preplant fumigation for citrus nematode control in Florida. [Oranges]. O'Bannon, J H *J Nematol* 5 (2): 88-95. Ref. Apr 1973

079320 QL391.N4J62
Nematode community structure in forest woodlots. II. Ordination of nematode communities. [Hardwoods]. Johnson, S R *J Nematol* 5 (2): 95-107. Ref. Apr 1973

079321 475 J27
On wood mice (voles) in Yamagata Prefecture. III. migration of wood mice between farm-land & different types of forests. (Jap) Otsu, S *Jap J Appl Entomol Zool* 17 (1): 25-30. Eng. Sum. Mar 1973

079322 SB354.J8
Dynamics of pear growth & iron chlorosis phenomenon in ecological conditions of Ravni Kotari. (Cro) Gliha, R *Jugosl Vocarstvo* 6 (19/20): 439-457. Ref. Eng. Sum. 1972

079323 SB354.J8
Efficiency of iron chelate in control of apple chlorosis in region of Srem. (Cro) Janjic, V *Jugosl Vocarstvo* 6 (19/20): 495-503. Eng. Sum. 1972

079324 SB354.J8
Investigation of insufficient nutrition of apples with magnesium. (Cro) Briski, L *Jugosl Vocarstvo* 6 (19/20): 611-619. Eng. Sum. 1972

079325 SB354.J8
Research on causes of desiccation of plums in Puracic orchard. (Cro) Cirjakovic, M *Jugosl Vocarstvo* 6 (19/20): 711-719. Ref. 1972

079326 385 K524
Modern chemicals for controlling diseases of farm crops. (Rus) Mel'nikov, N N *Khim Sel'skom Khoz* 11 (3): 29-39. Ref. 1973

079327 385 K524
Role of molybdenum in increasing resistance of red clover to diseases. (Rus) Khar'kov, G D *Khim Sel'skom Khoz* 11 (3): 39-43. Ref. 1973

079328 S583.L32
Nitrate toxicity in strawberries. Jackson, D C *Landbouwet S-Afr Agric Sci S Afr Agrochemophys* 4 (2): 45. 1972

079329 SB13.L32
Bitter pit in apples: effect of calcium on permeability changes in apple fruit tissue. Rousseau, G G *Landbouwet S-Afr Agric Sci S Afr Agroplantae* 4 (4): 73-80. Ref. 1972

079330 SB599.L35
Four new species of genus Ironus Bastian, 1865 (Nematoda: Ironidae) from South Africa. [Plant protection]. Argo, A D *Landbouwet S-Afr Agric Sci S Afr Phytophylactica* 4 (2): 59-66. 1972

079331 11 L234
Parasite damage to pastures caused by fertilizing with manure from donkeys & swine. (Swe) Persson, L *Lantmannen* 84 (6): 15-16. Mar 30, 1973

079332 79.8 L91
Treatment at time of fruit ripening. [Parasites, chemical control]. (Ita) Talentoni, G *Lotta Antiparassitaria* 24 (7): 12-14. July 1972

079333 79.8 L91
New pests & diseases of strawberries. (Ita) Damiano, A *Lotta Antiparassitaria* 24 (7): 3-5. July 1972

079334 275.29 M36B
Sprays for home fruit plantings. Krestensen, E R *Md Univ Ext Ext Bull* 125, Rev., 12 P. 1973

079335 275.29 M36B
1973 maryland spray calender for commercial apple & peach growers. Krestensen, E R *Md Univ Ext Ext Bull* 134, 16 P. 1973

079336 275.29 M36B
1973 maryland spray calendar for commercial small fruit growers. Stadelbacher, G J *Md Univ Ext Ext Bull* 242, Rev, 17 P. 1973

079337 80 M97
Avoidance of pests & pathogens by good hygiene. Ganney, G W *Mga Bull (Mushroom Growers Assoc)* 4: 158-163. Ref. Apr 1973

079338 18 N39
Pests & diseases in culture of sugar beets. (Ger) Schaufele, W R *Mitt Deut Landwirt-ges* 88 (16): 446-448. Apr 19, 1973

079339 18 N39
Plant protection in cereal culture of tomorrow. (Ger) Diercks, R *Mitt Deut Landwirt-ges* 88 (21): 602-603. May 24, 1973

079340 22.5 M6932B
Studies on maganese nutrition of vegetable crop. 1. Manganese deficiency & excess of vegetable crops. (Jap) Gomi, K *Miyazaki Univ Fac Agr Bull* 19 (2): 493-503. Ref. Eng. Sum. Dec 1972

079341 S19.M9
Aerated steam therapy for control of grassy shoot disease (GSD) of sugarcane. Edison, S *Mysore J Agr Sci* 6 (4): 516-518. 1972

079342 442.9 B832
Literature on plant protection in international reference publications & in Bibliographhy of Plant Protection. (Ger) Weiland, G *Nachrichtenbl Deut Pflanzenschutzdienstes* 24 (12): 196-200. Eng. Sum. Dec 1972

079343 474 N213
Dependence of lead content of plants on lead concentration in soil. (Ger) Wagner, K H *Naturwissenschaften* 60 (4): 200. Apr 1973

079344 436.8 N342
Phenylalanine & tyrosine ammonia-lyase activities in potato roots & their significance in potato resistance to Heterodera rostochiensis. Giebel, J *Nematologica* 19 (1): 1-6. Ref. Mar 1973

079345 436.8 N342
Anatomy of a root gall of Lycopersicon pimpinellifolium infected by Meloidogyne incognita. Farooq, T *Nematologica* 19 (1): 118-120. Mar 1973

079346 436.8 N342
A root lesion nematode parasitic on cotton in Gezira. [Pratylenchus sudanensis]. Yassin, A M *Nematologica* 19 (1): 122-123. Mar 1973

079347 436.8 N342
An intracellular micro-organism associated with tissues of Heterodera spp. [Peas]. Shepherd, A M *Nematologica* 19 (1): 31-34. Ref. Mar 1973

079348 436.8 N342
Motion & skeleton in small nematodes. [Plant, Aphelenchoides blastophthorus]. Seymour, M K *Nematologica* 19 (1): 43-48. Ref. Mar 1973

079349 436.8 N342
Two species of Longidorus from Marathwada region. [Dasheen]. Prabha, M J *Nematologica* 19 (1): 62-68. Mar 1973

079350 436.8 N342
Nematodes of high altitudes in India. II. Studies on genus Tridontus Khera, 1965 with notes on synonymy of genus Syedella Suryawanshi, 1971 (Diplogasteridae). [Banana, sugarcane]. Jairajpuri, M S *Nematologica* 19 (1): 69-74. Mar 1973

079351 436.8 N342
Effect of aldicarb on hatching of Heterodera rostochiensis larvae. [Potato eelworm]. Osborne, P *Nematologica* 19 (1): 7-14. Mar 1973

079352 SB998.N4N4
Examination of nematodes in crops of economic importance in El Salvador. (Spa) Abrego, L *Nematropica* 2 (2): 27-29. Eng. Sum. Nov 1972

079353 SB998.N4N4
Influence of different crops in nematode populations. (Spa) Dao, F D *Nematropica* 2 (2): 30-32. Eng. Sum. Nov 1972

079354 SB998.N4N4
Annual fluctuations of population of Radopholus similis in banana zone of Pococi, Costa Rica. (Spa) Jimenez, M F *Nematropica* 2 (2): 33-40. Eng. Sum. Nov 1972

079355 SB998.N4N4
New contributions to study of nematode fauna in French West Indies. [Crops]. Kermarrec, A *Nematropica* 2 (2): 41-43. Nov 1972

079356 SB998.N4N4
Control of root knot nematodes Meloidogyne spp. In tomato seed beds (Lycopersicon esculentum Mill.). (Spa) Tapia, C O *Nematropica* 2 (2): 44-46. Eng. Sum. Nov 1972

079357 SB998.N4N4
Nematodes of banana & plantain (Musa sp.) in Venezuela. [Helicotylenchus multicinctus, Radopholus similis, Pratylenchus]. (Spa) Yepez, G T *Nematropica* 2 (2): 47-51. Map. Eng. Sum. Nov 1972

079358 280.28 N685
Prevention of frost & hail injuries to fruit tree. (Jap) Naruke, K *Nogyo To Kyodo (lavoura Coop)* 12: 14-17. Dec 1972

079359 280.28 N685
Diseases of sweetpotatoes. (Jap) Kato, S *Nogyo To Kyodo (lavoura Coop)* 12: 8-11. Dec 1972

079360 11 N8122
Crop failure in agriculture – what is reason? (Nor) Normann, A *Norsk Landbruk* 6: 14-15. Mar 22, 1973

079361 464.8 OC32
Development of plant protection research in work plan for 1972 of Plant Protection Institute. 1. (Pol) Podgorska, B *Ochrona Roslin* 16 (1): 3-7. Jan 1972

079362 S544.3.O5O5
Fruit tree disease-insect control. Sturgeon, R V *Okla State Univ Coop Ext Serv OSu Ext Facts* 6219, 4 P. Mar 1973

079363 QL757.A1P32
On physiological compatibility of different forms of stem eelworms. III. Crossing of parsley, parsnip, onion & strawberry eelworms. [Ditylenchus dipsaci]. (Rus) Ladygina, N M *Parazitologiia* 7 (1): 67-71. Ref. Eng. Sum. Jan/Feb 1973

079364 SB951.P43
Citrus nematode & its control. [Tylenchulus semipenetrans]. Chhabra, H K *Pesticides* 6 (12): 88-89. Dec 1972

079365 464.9 P482
Results of control of sugarbeet nematode. [Heterodera schachtii]. (Ger) Schreier, O *Pflanzenarzt* 25 (11): 120-121. Nov 1972

079366 464.9 P482
Plant quarantine, 1972. [Austria]. (Ger) Bauer, W *Pflanzenarzt* 26 (3): 22-25. Mar 1973

079367 450 P692
Mechanism of chilling injury in sweet potato. X. Change in lipid-protein interaction in mitochondria from cold-stored tissue. Yamaki, S *Plant Physiol* 51 (5): 883-888. Ref. May 1973

079368 450 P692
Response of Nocotiana misophyll protoplasts of normal & tumorous origin to indoleacetic acid in vitro. Bayer, M H *Plant Physiol* 51 (5): 898-901. Ref. May 1973

079369 450 P696
Phytotoxicity from plant residues. II. effect of time of rotting of straw from some grasses & legumes on growth of wheat seedlings. Kimber, R W L *Plant Soil* 38 (2): Apr 1973

079370 286.83 P79
Chnages in plants as a result of disease & attack; some notes. 1. (Dut) Oostenbruink, I M *Pootaardappelhandel* P. 15-18. Mar 1973

079371 286.83 P79
Changes in plants as a result of disease & attack; some notes. 2. (Dut) Oostenbrink, M *Pootaardappelhandel* 26 (9): 5-11. Apr 1973

079372 20.5 P84
Modern methods of plant protection. (Pol) Koehler, W *Postepy Nauk Roln* 19 (6): 45-54. Nov/Dec 1972

079373 S13.P72
Influence of time of fertilizing by organic compounds on population of nematodes, on invasion of plants & yields. (Cze) Vlk, F *Prague Vys Sk Zemed Fak Agron Sb Rada A Rostl Vyroba* 1: 211-224. Eng. Sum. 1973

079374 21 R862
Some urgent tasks of plant protection with field corps. (Rum) Petrescu, M *Probl Agr (bucharest)* 25 (3): 12-15. Mar 1973

079375 21 R862
Present-day problems of integrated control of pests & diseases in cereal in industrial plant crops. (Rum) Paulian, F *Probl Agr (bucharest)* 25 (3): 16-29. Mar 1973

079376 21 R862
Some present-day problems of plant protection. (Rum) Radulescu, E *Probl Agr (bucharest)* 25 (3): 5-11. Mar 1973

079377 21 R862
New pesticides used in field of plant protection & prospects of chemical control. (Rum) Baicu, T *Probl Agr (bucharest)* 25 (3): 52-58. Mar 1973

079378 21 R862
Some aspects of economic efficiency of actions aiming at controlling pests & diseases in field crops. (Rum) Snagoveanu, C *Probl Agr (bucharest)* 25 (3): 59-65. Mar 1973

079379 21 R862
International cooperation in field of plant protection & phytosanitary quarantine. (Rum) Balaj, D *Probl Agr (bucharest)* 25 (3): 79-81. Mar 1973

079380 21 R862
Soybeans protection against pests & diseases. (Rum) Radulescu, E *Probl Agr (bucharest)* 25 (4): 57-63. Apr 1973

079381 86 W123J
Late frost protection in horticulture. (Dut) Roest, J I R *Publ Inst Tuinbouwtech (wageningen)* 77: 46. Eng. Sum. 1972

079382 23 Q37
Nematocide trials with tobacco in 1968-69 & 1969-70 seasons. Colbran, R C *Queensland J Agr Anim Sci* 29 (4): 265-268. Dec 1972

079383 23 Q37
Studies of root-knot nematode control in ginger with non-volatile nematocides applied at & after planting. [Meloidogyne javanica, zingiber officinale]. Colbran, R C *Queensland J Agr Anim Sci* 29 (4): 275-280. Dec 1972

079384 80 R3212
Treatment of rose bushes should not become a nightmare. (Fre) Cornuz, L *Rev Hort Suisse* 46 (5): 114-115. May 1973

079385 80 SCH9
Prevention of blossom dropping with (2-chloroethyl) trimethylammonium chloride. [Grapes]. (Ger) Perret, P *Schweiz Z Obst Weinbau* 109 (4): 92-96. Feb 17, 1973

079386 S95.E23
Aspects of biology of gray garden slug (Deroceras reticulatum Muller). Judge, F D Agricultural Experiment Station, Geneva *Search Agric* 2 (19), 18 P. Ref. 1972

079387 61.8 SE53
Cold damage on Gladiolus bulbs. (Ita) Gigante, R *Sementi Elette* 19 (1): 37-42. Eng. Sum. Jan/Feb 1973

079388 S13.S55
Types of spore bearing of predatory helminthophagous fungi in relation to their variability in ability to destroy nematodes. (Rus) Matskevich, N V *Sib Vestn S-kh Nauk* 1: 31-38. Ref. Jan/Feb 1973

079389 9.2 SO4
Meloidogyne incognita attacks coffee plant in Parana. (Por) Lordello, L G E *Solo* 64 (2): 27. Eng. Sum. Nov 1972

079390 100 F66SU
Massive research effort aimed at mysterious citrus disease. Woods, C *Sunshine State Agr Res Rep* 18 (1/2): 3-5, 10. Mar/Apr 1973

079391 61.8 SV2
Parasites of oil plants. (Swe) Muhlow, J *Svensk Frotidn* 42 (5): 75-80. May 15, 1973

079392 100 T25F
A field evaluation of nematode-resistant tomato varieties for vine-ripe tomato production. [Meloidogyne incognita]. Southards, C J *Tenn Farm Home Sci Progr Rep* 85: 18-20. Jan/Mar 1973

079393 HD9130.1.T6
Effect of deep fumigation on yield of flue-cured tobacco in Ontario. Gayed, S K *Tob Sci* 16: 169-171. Ref. 1972

079394 64.8 Z12
Plant protection in eastern Bohemia. (Cze) Kaminek, L *Uroda* 21 (3): 113-114. 1973

079395 64.8 Z12
Nematodes – pests of cultivated plants. (Cze) Vinduska, L *Uroda* 21 (3): 114-115. 1973

079396 99.8 M69
Effect of fluorine compounds on dry matter production of buckwheat. (Ger) Horvath, I *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 335-351. Ref. Eng. Sum. 1972

079397 99.8 M69
Mode of action of pollutants, influence of sulfur dioxide2 on leaf pigments. (Ger) Dassler, H G *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 353-366. Ref. Eng. Sum. 1972

079398 99.8 M69
Public open spaces in polluted cities; present & future state. [Plants, injuries, Romania]. (Ger) Berindan, C *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 541-567. Ref. Eng. Sum. 1972

079399 99.8 M69
Effect of magnesite pollution in altering plant communities. (Ger) Kaleta, M *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 569-584. Ref. Eng. Sum. 1972

079400 SB191.M2V8
Occurrence of some harmful factors in continuous maize growing. (Slo) Dobrovodsky, J *Vysk Ustav Kukurice Ved Pr* 6: 103-120. Ref. Eng. Sum. 1972

079401 TD172.W36
Sulphur dioxide injury to vegetation in vicinity of a sulphite pulp & paper mill. Linzon, S N *Water Air Soil Pollut* 2 (21): 129-134. Mar 1973

079402 95.8 W435
Weather, growth of grapes, diseases, pests & injuries in vineyards of German Federal Republic. (Ger) Hering, M *Weinberg Keller* 20 (4): 167-184. Apr 1973

079403 72.8 W522
Studies on reniform nematode as related to cotton. [Rotylenchulus reniformis]. Heald, C M *West Cotton Prod Conf Sum-proc* P. 78-79. 1973

079404 72.8 W522
Performance & potentials of adversity-multi-disease resistant cottons. Bird, L S *West Cotton Prod Conf Sum-proc* P. 82-83. 1973

079405 72.8 W522
Chemical control of cotton diseases. Garber, R H *West Cotton Prod Conf Sum proc* P. 86. 1973

079406 99.8 Y1
Pathology: science of disease. [Plants]. Smith, W H *Yale Forest Sch News* 61 (1): 3-8. Ref. Apr 1973

079407 80 OV64
Modern apple disease – physiological stains. (Cze) Vojacek, V *ZL (zahradnicke Listy)* 66 (1): 9-10. Jan 1973

WEEDS AND HERBICIDES

079408 15 AG84
Herbicides in vineyards. (Spa) Morillo, M *Agric Rev Agropecu* 42 (490): 104-106. Feb 1973

079409 385 AG88
Influence of different application dates & herbicide mistures on weeds & winter cereals. (Cze) Zemanek, J *Agrochemia (bratislava)* 13 (1): 3-6. Eng. Sum. 1973

079410 385 AG89
On effect of monuron & linuron on certain physiological & biochemical processes in plants. (Rus) Ladonin, V F *Agrokhimiia* 3: 103-112. Ref. Mar 1973

079411 385 AG89
Exchange of proteins & amino acids of wheat with application of 2,4-D. (Rus) Krishchenko, V P *Agrokhimiia* 3: 113-121. Ref. Mar 1973

079412 385 AG89
Effect of multiyear application of symtriazines on biological activity of soil. (Rus) Spiridonov, IU IA *Agrokhimiia* 3: 122-131. Ref. Mar 1973

079413 385 AG89
Agrochemical principles in production of complex herbicides.1. Selection of components & primary evaluation of selective & herbicidal possibilities of mixes. (Rus) Bogdanov, N M *Agrokhimiia* 4: 105-113. Ref. Apr 1973

079414 385 AG89
Herbicidal activity & selectivity of preparations on sugar beets & weeds relative to mineral nutrition. (Rus) Korolev, L I *Agrokhimiia* 4: 114-121. Apr 1973

079415 4 AM34P
Movement of herbicides through soil to soybean roots. Scott, H D *Agron J* 65 (3): 386-390. Ref. May/June 1973

079416 4 AM34P
Effects of gibberellic acid & sublethal levels of four herbicides on cool-season regrowth of two tropical forag e grasses. [Digitaria decumbens, Pennisetum clandestinum]. Whitney, A S *Agron J* 65 (3): 473-476. Ref. May/June 1973

079417 4 AM34P
Crop responses to no-till management practices on hilly terrain. [Corn, Dactylis glomerata, herbicides]. Bennett, O L *Agron J* 65 (3): 488-491. Ref. May/June 1973

079418 86 AL4
Laboratory & greenhouse tests on varietal susceptibility of peas to methabenzthiazuron & bentazon.[Herbicides]. (Dut) Verlaat, J G *Alkmaar Proefsta Groenteteelt Volle Grond Ned Mededel* 63, 19 P. Eng. Sum. Feb 1973

079419 11 AL8K
Fighting weeds in feed grain with chemicals. (Swe) Olvegard, P *Alvsborgs Lans Sodra Hushallningssallsk Tidskr* 2: 14-16. Mar 1973

079420 SF601.A47
Hazardous arsenical residues associated with use of a lawn crabgrass control preparation. [Poisoning, domestic animals]. Buck, W B *Am Coll Vet Toxicol News* 15 (2): 25-27. May 1973

079421 SB599.A5
Behavior in presence of carboxine of various species of Fusarium & in particular Fusarium roseum (Link) Sn. And H. Var. Avenaceum (Sacc.) Sn. And H. (Fre) Massenot, M *Ann Phytopathol* 4 (3): 297-299. 1972

079422 421 AN9
Information from European Economic Community. V. [Plant protection]. (Ger) Leib, E *Anz Schadlingsk Pflanzenschutz* 46 (4): 61-63. Apr 1973

079423 449.8 AR2
Rapid sensitive herbicide bioassay by inhibition of trichome-migration of bluegreen algae. (Ger) Noll, M *Arch Hyg Bakteriol* 157 (2/3): 178-183. May 1973

079424 GB395.A73
Root parasitism in Castilleja rhexifolia Rydb. Douglas, D *Arct Alp Res* 5 (2): 145-147. Spring 1973

079425 381 AS7
Collaborative study of a gas-liquid chromatographic method for analysis of ametryne, prometone, & terbutryn. [Herbicides]. Hofberg, A H *Ass Offic Anal Chem J* 56 (3): 586-590. May 1973

079426 S11.B43
Control of sugar beet weeds with chemicals. 1. General introduction. (Dut) Hazen, P J *Bedrijfsontwikkeling* 4 (4): 355-357. Apr 1973

079427 19 B635
Significance of research results of modern ecology for biology & control of weeds. (Ger) Holzner, W *Bodenkultur* 24 (1): 61-74. Ref. Eng. Sum. Feb 1973

079428 SB950.A1B6
Test of efficacy of different pre-emergence & post-emergence herbicides against 'wild oats' in province of Sevilla, 1970-71. [Avena]. (Spa) Caballero G de Vinuesa, J I *Bol Inf Plagas* 98: 47-63. Ref. Oct 1972

079429 79.9 B77
Methods for evaluating weed competiton using systems of hand-weeding or hoeing. Peters, N C B *Brit Weed Contr Conf Proc* 11Th conf., V.1: 116-118. 1972

079430 79.9 B77
Effect of autumn cultivations on emergence of Avena fatua seedlings. Wilson, B J *Brit Weed Contr Conf Proc* 11Th conf., V.1: 234-241. 1972

079431 79.9 B77
Herbicides for control of docks (Rumex spp) in grassland. Frame, J *Brit Weed Contr Conf Proc* 11Th conf., V.1: 323-330. 1972

079432 81 C128
Binweed control study in avocado orchard by sprayblade layering technique. [Convolvulus arvensis]. Francis, H L *Calif Avocado Soc Yearbook* 56: 135-137. 1973

079433 428 C763
Algae, Chara & Cladophora: problems they cause & their control. [Mosquito biological control]. Yeo, R R *Calif Mosq Contr Assoc Proc Pap* 40: 81-83. Jan/Feb 1972

079434 443.8 C16
Effects of microirradiation on the microsporocytes and microspores of Tradescantia paludosa. III. Preliminary note on the effects of ultraviolet microirradiations. (Gre) Garot, G *Can J Genet Cytol* 15 (1): 39-44. Ref. Eng. Sum. Mar 1973

079435 302.9 EN8
Chemical weed control in a nursery of Pseudotsuga menziesii. (Ita) Magnani, G *Cell Carta* 24 (1): 19-24. Eng. Sum. Jan 1973

079436 60.9 C46
Coltsfoot a potentially dangerous weed. [Tussilago farfara]. Burrows, C J *Christchurch Tussock Grassland Mountain Lands Inst Rev* 25: 38-39. Dec 1972

079437 100 C71C
Production benefits from gambel oak control in southwestern Colorado. [Quercus gambeli]. Bartel, L E *Colo Agr Exp Sta Progr Rep Pr* 73-11, 3 P. Apr 1973

079438 100 C71C
Mechanical & biological methods of controlling gambel oak in southwestern Colorado. [Quercus gambeli]. Davis, G G *Colo Agr Exp Sta Progr Rep Pr* 73-12, 3 P. Apr 1973

079439 464.8 D36
What is bentazone (BASAGRAN) (R)? [Herbicides, grain]. (Fre) Lartaud, G *Def Veg* 27 (160): 78-83. Mar/Apr 1973

079440 18 D4825T
Recent results in control of Apera spicaventi in cereals. (Ger) Feyerabend, G *Deut Akad Landwirtschaftswiss Tagungsber* 119: 307-312. Eng. Sum. 1972

079441 381 D75
Looks can be deceiving-herbicide injury? [Field crops]. Williams, J L *Down Earth* 29 (1): 11-14. Summer 1973

079442 381 D75
Premerge as a topical spray in soybeans. [Weed control]. Talbert, R E *Down Earth* 29 (1): 22-25. Summer 1973

079443 381 D75
Some environmental benefits of herbicides. Barrons, K C *Down Earth* 29 (1): 30-32. Ref. Summer 1973

079444 381 D75
Chemical pruning of caneberries (brambles) with dinoseb. Sheets, W A *Down Earth* 29 (1): 4-7. Summer 1973

079445 HD1945.A1E2
Development of herbicides: Weeds, a loss of 100 billion francs. (Fre) Destrebecq, J *Econ Agr* 4: 8-11. Apr 1973

079446 QL461.E532
Biology of Chelinidae vittiger with notes on its host-plant relationships & value in biological weed control. [Opuntia vaseyi]. Devol, J E *Environ Entomol* 2 (2): 231-240. Ref. Apr 16, 1973

079447 TD172.E49
Biocontrol of Florida red tide organism, Gymnodinium breve, through predator organisms. Martin, D F *Environ Lett* 4 (4): 297-301. 1973

079448 HD9016.I4F3
Effect of weedicides in control of weeds in transplant rice. Sethuraman, S *Farm Fact* 7 (4): 28-30. Feb 1973

079449 18 W763
Chemical weed control in potato fields. (Ger) Feyerabend, G *Feldwirtschaft* 14 (2): 77-78. Feb 1973

079450 18 W763
Chemical weed control in winter cereals autumn. (Ger) Linde, F *Feldwirtschaft* 14 (5): 214-216. May 1973

079451 423.9 F6622
Milkweed vine & a newly observed Cercospora leaf spot. [Morrenia odorate, biological control]. Burnett, H C *Fla Dep Agr Div Plant Indus Tri-ology Tech Rep* 12 (1): 11-12. Jan 1973

079452 60.8 F742
Residual effects of banvel 3 on crested wheatgrass. [Agropyron crestatum]. Knowles, R P *Forage Notes (Ottawa)* 18 (1): 26. Spring 1973

079453 60.8 F742
Butylate incorporation on corn. [Weed control]. Warren, F S *Forage Notes (Ottawa)* 18 (1): 29-30. Spring 1973

079454 99.8 F7794
Environmental protective herbicides: Technique of application. (Ger) Kling, E *Forsttech Inform* 25 (4): 28-31. Apr 1973

079455 99.8 F7794
On connection of chemical weed control materials from point of view of work safety. (Ger) Deppenmeier, E *Forsttech Inform* 25 (5): 34-36. May 1973

079456 80 G1948
Survey of herbicide tolerance of perennial herbs. (Ger) Possner, G E *Gartenbau* 19 (11): 260-261. Nov 1972

079457 80 G1948
Use of herbicides in drilled onions as well as with planted leek – a basic requirement for cropping techniques with small input of manual labour. (Ger) Zschau, K *Gartenbau* 20 (2): 36-38. Feb 1973

079458 80 G1948
Results & experience from chemical weed control in carrots, cucumber, cabbage & lettuce. (Ger) Zschau, K *Gartenbau* 20 (4): 103-106. Apr 1973

079459 80 G1948
Weed control efficiency in apple intensive plantations. (Ger) Paetzold, D *Gartenbau* 20 (4): 111-113. Apr 1973

079460 80 G1948
Auxin herbicides for weed control in fruit-tree & currant plantations. (Ger) Lux, P *Gartenbau* 20 (4): 114. Apr 1973

079461 80 G1948
Weed control in strawberries. (Ger) Kramer, S *Gartenbau* 20 (4): 115-116. Apr 1973

079462 SB320.G4
Application of herbicides under plastics. [Vegetables, weed control]. (Ger) Kampe, W *Gemuse* 9 (4): 111-112. Apr 15, 1973

079463 SB320.G4
Problems of herbicide residues in vegetable culture. (Ger) Kampe, W *Gemuse* 9 (5): 133-136. May 15, 1973

079464 464.8 G33
Application of some herbicides with cycocel in control of Alopecurus agrestis in winter wheat. (Ger) Siebert, R *Gesunde Pflanzen* 25 (4): 64,66, 68-70. Apr 1973

079465 464.8 G33
Control of Convolvulus arvensis & Convolvulus sepium in grain. (Ger) Kees, H *Gesunde Pflanzen* 25 (4): 71-75. Eng. Sum. Apr 1973

079466 17 SCH9
Will weed control of corn be more difficult? (Ger) Kunz, *Grune* 101 (19): 692-695. May 11, 1973

079467 11 H152
Spring treatment to fight weeds in autumn grain. (Swe) Ivansson, G *Hallands Lans Hushallningssallsk Tidskr* 16 (2): 6-7. Mar 1973

079468 451 H262
Claudius case. [Amanita phalloides, Citrullus colocynthis, poisonous fungi]. Deltgen, F *Harvard Univ Bot Mus Leafl* 23 (5): 213-244. Ref. Apr 1973

079469 100 H313P
Herbicide evaluation studies with carrots (Daucus carota L.) & onions (Allium cepa L.) in Hawaii. Tanaka, J S *Hawaii Agr Exp Sta Res Rep* 180, 33 P. June 1972

079470 S544.3.H3H3
Herbicide combinations for ornamentals. Nishimoto, R K *Hawaii Univ Ext Misc Publ* 103: 16-22. Apr 1973

079471 275.29 IL62C
Vine weeds of North Central States. Furrer, J D *Ill Univ Ext Circ* 33, 15 P. Mar 1973

079472 S592.5.O7
Herbicides & plant growth regulators. Upchurch, R P *In Organic Chemicals in the Soil Environment* 2: 444-512. Ref. 1972

079473 22 AG83I
Effect of method of stand establishment & weed control on growth & yield of lowland 'IR 8' rice (Oryza sativa L.). Auma, E O *Indian J Agr Sci* 42 (11): 1041-1046. Nov 1972

079474 22 AG83I
Quality of maize (zea mays L.) fodder in relation to nitrogen levels & weed control. Tripathi, H P *Indian J Agr Sci* 42 (11): 1047-1051. Ref. Nov 1972

079475 22 AG83I
Note on stability parameters for resistance to witchweed (Striga asiatica L.) in sorghum varieties. Desai, K B *Indian J Agr Sci* 42 (11): 1066-1067. Nov 1972

079476 SB950.I53
Weed researcher challenges counterparts to help guide wise introduction of herbicides. *Infoletter* 13, 6 P. Apr 1973

079477 SB215.I54
First experiments with NC 8438 applications on sugar beets. [Herbicides]. (Fre) Belien, J M *Inst Belg Amelior Better Publ Trimest* 4: 125-147. Eng. Sum. 1972

079478 107 J552
Effects of desiccation & submergence on viability of rhizome fragments of bermudagrass & johnsongrass & tubers of nutsedge. [Cynodon dactylon, Sorghum halepense, Cyperus rotundus]. Horowitz, M *Israel J Agr Res* 22 (4): 215-220. Ref. Dec 1972

079479 381 J8223
Photodecomposition of herbicide methazole. Ivie, G W *J Agr Food Chem* 21 (3): 386-391. May/June 1973

079480 381 J8223
Metabolism of endothall by aquatic microorganisms. Sikka, H C *J Agr Food Chem* 21 (3): 402-406. Ref. May/June 1973

079481 381 J8223
Microbial hydroxylation of herbicide n-(3,4-dichlorophenyl) methacrylamide (dicryl). [Rhizopus japonicus]. Wallnofer, P R *J Agr Food Chem* 21 (3): 502-503. May/June 1973

079482 410 J828
Emergence & longevity of seeds of annual weeds in cultivated & undisturbed soil. Roberts, H A *J Appl Ecol* 10 (1): 133-143. Ref. Apr 1973

079483 QH540.J6
Effects of herbicides on soybean seed constituents. Stoller, E W *J Environ Qual* 2 (2): 241-244. Ref. Apr/June 1973

079484 QH540.J6
Effects of MCPA applied to successive generations of flax. [4-chloro-o-tolyl-)oxy] acetic acid. Comstock, V E *J Environ Qual* 2 (2): 274-276. Apr/June 1973

079485 QH540.J6
Dissipation & phytotoxicity of dicamba residues in water. Scifres, C J *J Environ Qual* 2 (2): 306-309. Apr/June 1973

079486 80 J825
Competitive effects of three perennial weeds, Cynodon dacty lon (L.) Pers., Cyperus rotundus L. & Sorghum halepense (L.) Pers., on young citrus. Horowitz, M *J Hort Sci* 48 (2): 135-147. Ref. Apr 1973

079487 60.18 J82
Effects of leaf-footed bugs on mesquite reproduction. [Mozena obtusa, Prosopis glandulosa, Biological control]. Ueckert, D N *J Range Manage* 26 (3): 227-229. Ref. May 1973

079488 SB354.J8
Weed control in apple orchards with some herbicides. (Cro) Bugarcic, V *Jugosl Vocarstvo* 6 (19/20): 683-692. Ref. Eng. Sum. 1972

079489 75.8 K145
New methods in weed control. [Potatoes]. (Ger) Becker, G *Kartoffelbau* 24 (3): 72. Mar 1973

079490 75.8 K145
Herbicide application to early potato cultured under foil. (Ger) Kampe, W *Kartoffelbau* 24 (3): 73. Mar 1973

079491 385 K524
Attenuated after effect of simazine & atrazine on winter wheat. (Rus) Fisiunov, A V *Khim Sel'skom Khoz* 11 (3): 50-53. 1973

079492 385 K524
Complex application of herbicides on corn crops. (Rus) Veselovskii, I V *Khim Sel'skom Khoz* 11 (3): 53-56. Ref. 1973

079493 385 K524
Application of herbicides to crops turnips & cabbage for feed. (Rus) Kutuzov, G P *Khim Sel'skom Khoz* 11 (3): 56-60. Ref. 1973

079494 385 K524
Effect of herbicide mixtures on weediness of crops & yield of sugar beets. (Rus) Martynovich, N N *Khim Sel'skom Khoz* 11 (3): 60-62. Ref. 1973

079495 385 K524
Effect of herbicides on microflora of leached Chernozem soil. (Rus) Matsneva, N G *Khim Sel'skom Khoz* 11 (3): 62-64. 1973

079496 385 K524
Herbicidal activity of some derivatives of benzimidazole. (Rus) Umarov, A A *Khim Sel'skom Khoz* 11 (3): 64-66. 1973

079497 QP981.T6K4
Determination of herbicides in tobacco & their influence on various constituents of tobacco. Thompson, L *Ky Univ Tob Health Res Inst Conf Rep* 3: 333-334. 1972

079498 11 L2322
Fight weeds before sowing. (Dan) Pedersen, H E *Landbonyt* 27 (3): 167, 169, 171-172. Mar 1973

079499 11 L2322
Fighting weed seeds in grain field. (Dan) Lindegaard, J *Landbonyt* 27 (4): 205, 207, 209-210, 212, 214. Apr 1973

079500 SB13.L32
Differential exposure of roots & shoots of nutsedge (Cyperus rotundus L.) to S-ethyl dipropylthiolcarbamate. (Afr) Botha, P J *Landbouwet S-Afr Agric Sci S Afr Agroplantae* 4 (2): 29-31. Ref. Eng. Sum. 1972

079501 SB13.L32
Effect of S-ethyl-diprophylthiolcarbamate on anatomy of brown nutsedge (Cyperus rotundus L.). (Afr) Botha, P J *Landbouwet S-Afr Agric Sci S Afr Agroplantae* 4 (3): 57-61. Ref. Eng. Sum. 1972

079502 SB13.L32
Use of herbicides as a means of seed-bed preparation for establishment of overseeded species in highland sourveld of Natal. [Pasture management]. Edwards, P J *Landbouwet S-Afr Agric Sci S Afr Agroplantae* 4 (4): 63-68. 1972

079503 11 L293
Weed problem again. (Swe) *Lantbrukstidskr Jamtland Harjedalen* 26 (1): 16-17. 1973

079504 12 L29
Fighting quackgrass in spring oil plants. [Agropyron repens]. (Swe) Hook, A *Lantbrukstidskr Stockh Lan Stad* 23 (1): 2. 1973

079505 11 L234
Weeds in hayfield – how can we fight them? (Swe) Ebbersten, S *Lantmannen* 84 (6): 12-13. Mar 30, 1973

079506 11 L234
Nightflowering silene, a 'new' weed in Sweden. [Silene noctiflora]. (Swe) Hogborg, E *Lantmannen* 84 (7): 31-32. Apr 13, 1973

079507 59.8 L39
Comparative effect of different herbicides on rice. (Por) Santos, C A L dos *Lav Arrozeira* 26 (271): 54-56. Eng. Sum. Jan/Feb 1973

079508 99.9 C334
Contribution to chemical control of weeds in forest plantations by Dalapone. (Cze) Kudela, M *Lesnictvi* 19 (1): 59-80. Ref. Eng. Sum. Jan 1973

079509 79.8 L91
For proper application of herbicides. (Ita) Fabbri, L *Lotta Antiparassitaria* 24 (11): 10-11. Nov 1972

079510 79.8 L91
Post-emergence weed control in wheat. (Ita) Capolupo, P *Lotta Antiparassitaria* 24 (11): 12-13. Nov 1972

079511 79.8 L91
Winter weed control in grain with Erbitox Giallo. (Ita) Fabbri, L *Lotta Antiparassitaria* 24 (12): 6-7. Dec 1972

079512 79.8 L91
Grain: weed control for all seasons of year. (Ita) Panero, M *Lotta Antiparassitaria* 24 (9): 3-10. Sept 1972

079513 22 M262
Studies on role of weed plants in spread of virus diseases. II. Role of Solanum nigrum in spreading chilli mosaic virus, a strain of potato virus Y. Mariappan, V *Madras Agr J* 60 (2): 120-121. Feb 1973

079514 S13.M4
Use of herbicides in vegetable growing, including peas. (Cze) Janyska, A *Metod Zavadeni Vysledku Vyzk Praxe* 19, 20 P. 1972

079515 18 N39
Herbicide application under flat foil. (Ger) Kampe, W *Mitt Deut Landwirt-ges* 88 (17): 490-492. Apr 26, 1973

079516 18 N39
Weed control in field beans. (Ger) Kemmer, A *Mitt Deut Landwirt-ges* 88 (21): 604-605. May 24, 1973

079517 100 M69MI
Water-shield flame cultivation for cotton & soybeans. [Weed control]. Williford, J R *MAFES Res Highlights (miss Agric For Exp Stn)* 36 (5): 1, 4. May 1973

079518 100 M69MI
Johnsongrass rhizome control in soybeans with trifluralin. [Sorghum halepense]. McWhorter, C G *MAFES Res Highlights (miss Agric For Exp Stn)* 36 (5): 1,3,8. May 1973

079519 442.9 B832
A further experiment to test varietal susceptibility of cereals to herbicides. (Ger) Lelley, J *Nachrichtenbl Deut Pflanzenschutzdienstes* 24 (11): 168-171. Eng. Sum. Nov 1972

079520 442.9 B832
Plot sprayers for testing herbicides. (Ger) Lyre, H *Nachrichtenbl Deut Pflanzenschutzdienstes* 24 (12): 195-196. Eng. Sum. Dec 1972

079521 12 N282
Water hyacinth: an annoying weed. [Eichhornia]. (Dut) Druijff, A H *Ned Heidemaatsch Tijdschr* 84 (4): 157-161. Apr 1973

079522 11 N8122
Fighting quackgrass with out amitrol. [Agropyron repens, rutabagas]. (Nor) Skuterud, R *Norsk Landbruk* 5: 12-13. Mar 8, 1973

079523 11 N8122
Fighting weeds in potato field. (Nor) Fiveland, T J *Norsk Landbruk* 6: 10-11, 37. Mar 22, 1973

079524 S544.3.O5O5
Chemical weed control in soybeans. Greer, H A L *Okla State Univ Coop Ext Serv OSu Ext Facts* 2752, 4 P. May 1973

079525 S544.3.O5O5
Chemical weed control in peanuts. Greer, H A L *Okla State Univ Coop Ext Serv OSu Ext Facts* 2759, 4 P. Apr 1973

079526 S544.3.O5O5
Chemical weed control in grain sorghum. Greer, H A L *Okla State Univ Coop Ext Serv OSu Ext Facts* 2763, 4 P. May 1973

079527 100 OR3OR
Herbicides find a helper – antidotes. *Oreg Agr Progr* 19 (4): 14. Spring 1973

079528 275.29 OR32C
1973 oregon weed control recommendations for commercial orchards. Crabtree, G *Oreg State Univ Corvallis Ext Serv Ext Circ* 745 Rev., 3 P. Apr 1973

079529 275.29 OR32C
1973 oregon weed control recommendations for commercial vegetable crops. Crabtree, G *Oreg State Univ Corvallis Ext Serv Ext Circ* 746 Rev., 4 P. Apr 1973

079530 275.29 OR32C
1973 oregon weed control recommendations for commercial small fruit crops. Crabtree, G *Oreg State Univ Corvallis Ext Serv Ext Circ* 747 Rev., 4 P. Apr 1973

079531 SB951.A1P43
Success with no-tillage weed control. [Herbicides]. Triplett, G B *Pestic News* 26 (2): 32-38. (4 P.) May 1973

079532 464.9 P482
Overgrowth by weeds of grain this year – a warning for 1973. [Austria]. (Ger) Neururer, H *Pflanzenarzt* 25 (11): 116-118. Nov 1972

079533 464.9 P482
Integrated weed control – still of value? (Ger) Neururer, H *Pflanzenarzt* 26 (2): 12-14. Feb 1973

079534 450 P564
Effect of DCMU [1,1-dimethyl-3-(3,4-dichlorophenyl) -urea], simazine & atrazine on nitrate reductase activity in Hordium vulgare in vitro & in vovo. [Barley]. Aslam, M *Physiol Plant* 28 (3): 400-404. Ref. 1973

079535 450 P564
Intra-cellular localization of herbicide diphenamid in corn root tip. Yaklich, R W *Physiol Plant* 28 (3): 447-451. Ref. 1973

079536 464.8 P566
Dwarf mistletoe on balsam fir. [Arceuthobium pusillum, Abies balsamea]. (Fre) Coulombe, L J *Phytoprotection* 54 (1): 46-47. Feb 1973

079537 22 P693
Some common weeds of south Indian tea fields. 8. [Crassocephalum crepidioides, Conyza ambigua]. Haridas, P *Planters Chron* 68 (6): 111-112. Mar 15, 1973

079538 22 P693
Some common weeds of south Indian tea fields. 9. Haridas, P *Planters Chron* 68 (9): 179-180. May 1, 1973

079539 20.5 P84
Couch-grass control in agriculture & gardening in light of recent Polish & foreign literature. [Agropyron repens]. (Pol) Gawlowski, M *Postepy Nauk Roln* 20/25 (1): 75-88. Ref. 1973

079540 304.9 P87
Experiments on monocotyledonous weed control in flax (1967-1969). (Pol) Krzystalowska, H *Poznan Inst Przemyslu Wlokien Lykowych Prace* 19: 61-74. Ref. Eng. Sum. 1972

079541 304.9 P87
Chemical weed control in hemp grown for seed (1967 – 1969). (Pol) Krzysztalowska, H *Poznan Inst Przemyslu Wlokien Lykowych Prace* 19: 75-89. Ref. Eng. Sum. 1972

079542 21 R862
Some aspects of integrated control of weeds. (Rum) Pintilie, C *Probl Agr (bucharest)* 24 (12): 33-41. Ref. 1972

079543 6 P9452
Weed control in perennial grassseed crops. Joy, R J *Progr Agr Ariz* 25 (1): 14-15. Jan/Mar 1973

079544 100 N27N
Milkweed – a persistent perennial that reduces yields. [Asclepias]. Evetts, L L *Q Serv Farm Ranch & Home Univ Nebr, Coll Agric* 20 (1): 12-15. Spring 1973

079545 100 N27N
Control weeds without chemicals. Burnside, O C *Q Serv Farm Ranch & Home Univ Nebr, Coll Agric* 20 (1): 22-24. Spring 1973

079546 64.8 R18
Influence of herbicides Venzar & Gatnon upon certain biochemical processes in mangel plant. (Bul) Lalova, M *Rastenievud Nauk* 10 (1): 151-155. Eng. Sum. 1973

079547 389.9 R314
Possible importance of transfer factors in bacterial degradation of herbicides in natural ecosystems. Waid, J S *Residue Rev* 44: 65-71. Ref. 1972

079548 24 M44
Weed control in tropical plantation crops. Rochescouste, E *Rev Agr Sucriere Ile Maurice* 51 (3): 173-182. July/Sept 1972

079549 420 SO12
Changes in Coleoptera fauna on surface of cultivated fields after herbicides application. (Ger) Muller, G *Rovartani Kozlemenyek* 25 (17): 297-305. Ref. 1972

079550 S95.E23
Ecological effects of aquatic herbicide Fenac on small ponds. [Aquatic weed management]. Simpson, R L *Search Agric* 2 (10): 57 P. Ref. 1972

079551 61.9 SE5
Certain causes of weediness with hard winter wheat. (Rus) Shelepov, V V *Selek Semenovod (moscow)* 2: 52-54. Mar/Apr 1973

079552 21 SE492
Decomposition of triazine herbicides. (Bul) Nikolova, G *Selskostop Nauk* 12 (1): 67-70. Eng. Sum. 1973

079553 S13.S55
Ambrosia artemisifolia L. in Far East & prospects for introduction of its insect pests from North America. (Rus) Kovalev, O V *Sib Vestn S-kh Nauk* 1: 27-30. Jan/Feb 1973

079554 61.8 SV2
Weed preparations are effective. [Field crops]. (Swe) *Svensk Frotidn* 42 (5): 73-74. May 15, 1973

079555 22.5 AG823
Effect of soil treatment on emergence & growth of weeds & rice. Mao, C P *Taiwan Agr Res J* 21 (4): 221-226. Dec 1972

079556 22.5 AG823
Residual effect of herbicides on succeeding crop of rice. Chang, W L *Taiwan Agr Res J* 21 (4): 227-232. Dec 1972

079557 23 T182T
Barnyard grass: a potential threat to vegetable crops & lucerne. [Echinochloa crus-galli]. Hyde-Wyatt, B *Tasmania J Agric* 44 (1): 53-56. Feb 1973

079558 S9.T4
Chemical weed control in wheat. (Ita) Antonelli, C *Terra Vita* 13 (37): 23-27. Sept 22, 1972

079559 S9.T4
Weed control done well. (Ita) Piccioni, A *Terra Vita* 14 (1): 28-30. Jan 5, 1973

079560 100 T31M
Suggestions for weed control with chemicals: agronomic crops, perennial weeds, fence rows, & non-cropped ar Hoffman, G O *Tex Agr Exp Sta Mp-* 1059 Rev. (1), 28 P. 1973

079561 100 T31P
Herbicide evaluations in row crops for Brazos bottom, 1971 & 1972. [Field crops]. Eastin, E F *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3153/3039, 31 P. Feb 1973

079562 100 T31P
Postemergence sorghum herbicide evaluations in Burleson County for 1971 & 1972. Eastin, E F *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3153/3039: 13-14. Feb 1973

079563 100 T31P
Preemergence cotton herbicide evaluations in Burleson County for 1971 & 1972. Eastin, E F *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3153/3039: 14-18. Feb 1973

079564 100 T31P
Postemergence cotton herbicide evaluations in Burleson County for 1971 & 1972. Eastin, E F *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3153/3039: 18-20 Feb 1973

079565 100 T31P
Preemergence soybean herbicide evaluations in Burleson County for 1971 & 1972. Eastin, E F *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3153/3039: 2024. Feb 1973

079566 100 T31P
Postemergence soybean herbicide evaluations in Burleson County for 1971 & 1972. Eastin, E F *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3153/3039: 24-26. Feb 1973

079567 100 T31P
Evaluation of herbicides for control of purple nutsedge in Burleson County in 1971 & 1972. [Cyperus rotundus]. Eastin, E F *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3153/3039: 27-29. Feb 1973

079568 100 T31P
Evaluation of herbicides for control of johnsongrass in Burleson County for 1972. [‡sorghum halepense, Ipomoea purpurea]. Eastin, E F *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3153/3039: 29-31. Feb 1973

079569 100 T31P
Preemergence corn herbicide evaluations in Burleson County for 1971 & 1972. Eastin, E F *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3153/3039: 3-7. Feb 1973

079570 100 T31P
Postemergence corn herbicide evaluations in Burleson County for 1971 & 1972. [Corn]. Eastin, E F *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3153/3039: 7-9. Feb 1973

079571 100 T31P
Preemergence sorghum herbicide evaluations in Burleson County for 1971 & 1972. Eastin, E F *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3153/3039: 9-13. Feb 1973

079572 100 T31P
Effects of phenoxy herbicides on yield of first & second crop rice. Flinchum, W T *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3177, 3 P. Apr 1973

079573 HD9130.1.T6
Effects of trhee herbicides on weed control, yield & value of flue-cured tobacco. [Diphenamid, isopropalin, pebulate]. Collins, W K *Tob Sci* 16: 127-128. 1972

079574 A99.9 F7632US
Procedures for using yield simulation programs for dwarf mistletoe-infested lodgepole & ponderosa pine stands. [Pinus contorta, Pinus ponder, Arceuthobium americanum, Arceuth Hawksworth, F G *U S Forest Serv Res Note RM* 237, 4 P. Apr 1973

079575 64.8 Z12
Herbicides in cereals. (Cze) Balastikova, M *Uroda* 21 (1): 16-17. 1973

079576 64.8 Z12
Spring application of herbicides in winter cerals. (Cze) Benada, J *Uroda* 21 (3): 93-95. 1973

079577 20 V633
Effect of fenuron on trees & grasses. [Weed control]. (Rus) Sannikov, T P *Vestn Sel'skokhoz Nauk (moscow)* 4: 51-57. Ref. Eng. Sum. Apr 1973

079578 SB191.M2V8
Microflora in rhizosphere of maize: Perrenial effect of herbicides. (Slo) Husarova, M *Vysk Ustav Kukurice Ved Pr* 6: 45-69. Ref. Eng. Sum. 1972

079579 275.29 W522M
Control of wild onion (Allium candense), wild garlic (Allium vineale) in lawns. Schubert, O E *W Va Univ Ext Misc Publ* 322, 2 P. 1973 ?

079580 275.29 W522M
Control of braodleaf plantain (Plantago major) in lawns. Collier, C W *W Va Univ Ext Misc Publ* 327, 2 P. 1973 ?

079581 275.29 W522M
Control of dandelion (Taraxacum officinale) in lawns. Collier, C W *W Va Univ Ext Misc Publ* 330, 2 P. 1973 ?

079582 275.29 W522M
Control of white clover (Trifolium repens) in lawns. Collier, C W *W Va Univ Ext Misc Publ* 331, 2 P. 1973 ?

079583 275.29 W522M
Control of mouse-ear chickweed (Cerastium vulgatum) in lawns. Collier, C E *W Va Univ Ext Misc Publ* 332, 2 P. 1973 ?

079584 275.29 W522M
Control of annual bluegrass (Poa annua) in lawns. Collier, C W *W Va Univ Ext Misc Publ* 459, 2 P. Feb 1972

079585 275.29 W522M
Control of field sandbur (Cenchrus pauchflorus) in lawns. Collier, C W *W Va Univ Ext Misc Publ* 460, 2 P. Feb 1972

079586 275.29 W522M
Control of yellow foxtail (Setaria lutescens) in lawns. Collier, C W *W Va Univ Ext Misc Publ* 462, 2 P. Mar 1972

079587 275.29 W522M
Control of nimblewill (Muhlenbergia schreberi) in lawns. Schubert, O E *W Va Univ Ext Misc Publ* 463, 2 P. Mar 1972

079588 275.29 W522M
Control of dallisgrass (Paspalum dilatatum) in lawns. Collier, C W *W Va Univ Ext Misc Publ* 464, 2 P. Mar 1972

079589 275.29 W522M
Control of Carolina gernanium (Geranium carolinianum) in lawns. Collier, C W *W Va Univ Ext Misc Publ* 474, 2 P. Oct 1972

079590 275.29 W522M
Control of common yarrow (Achillea millefolium) in lawns. Collier, C W *W Va Univ Ext Misc Publ* 475, 2 P. Oct 1972

079591 79.8 W412
Physiological effects of dalapon in Cynodon dactylon (L.) Pers. Maroder, H L *Weed Res* 13 (1): 19-23. Mar 1973

079592 79.8 W41
Soil organic matter effect on activity of acetnailides, CDAA [N,N-dially1-2-chloroactamide]. Parochetti, J V *Weed Sci* 21 (3): 157-160. Ref. May 1973

079593 79.8 W41
Toxicity of an UHF [ultra high frequency] device to plant seeds in soil. [Wheat, radishes, weed control]. Wayland, J R *Weed Sci* 21 (3): 161-162. May 1973

079594 79.8 W41
Delayed incorporation of trifluralin & nitralin. [Weed control]. Smith, D T *Weed Sci* 21 (3): 163-165. May 1973

079595 79.8 W41
Simultaneous determinations of MSMA [monosodium methanearsonate. [Sorghum halepense, cotton]. Lakso, J U *Weed Sci* 21 (3): 166-169. Ref. May 1973

079596 79.8 W41
Lipid deposition on leaves of Canada thistle ecotypes. [Cirsium arvense, control, 2, 4-dichlorophenoxyacetic acid. Hodgson, J M *Weed Sci* 21 (3): 169-172. Ref. May 1973

079597 79.8 W41
Effect of metribuzin & two analogs on five species of algae. [Herbicides, soil microorganisms]. Arvik, J H *Weed Sci* 21 (3): 173-175. Ref. May 1973

079598 79.8 W41
Systems of weed control for peanuts. Hauser, E W *Weed Sci* 21 (3): 176-180. May 1973

079599 79.8 W41
Effects of auxin-like herbicides on nucleohistones in cucumber & wheat roots. Chen, L G *Weed Sci* 21 (3): 181-184. Ref. May 1973

079600 79.8 W41
Micromovement of propachlor from granules in soil. Molnau, M P *Weed Sci* 21 (3): 185-188. May 1973

079601 79.8 W41
Herbicide response & morphology of interspecific sowthistle crosses. [Sonchus arvensis]. Bell, A R *Weed Sci* 21 (3): 189-193. Ref. May 1973

079602 79.8 W41
Differential butylate injury to corn hybrids. Wright, T H *Weed Sci* 21 (3): 194-196. May 1973

079603 79.8 W41
Studies on evapotranspiration of some aquatic weeds. Brezny, O *Weed Sci* 21 (3): 197-204. May 1973

079604 79.8 W41
Influence of cropping & activated carbon on persistence of atrazine in sand. [Corn]. Harvey, R G *Weed Sci* 21 (3): 204-206. Ref. May 1973

079605 79.8 W41
Basis for variability in cucumber for tolerance to chloramben methyl ester. Miller, J C *Weed Sci* 21 (3): 207-211. Ref. May 1973

079606 79.8 W41
Physiological effects of bromacil on kentucky bluegrass & orchardgrass. [Dactylis glomerata, Poa pratense]. Shriver, J W *Weed Sci* 21 (3): 212-217. Ref. May 1973

079607 79.8 W41
Atrazine & suspension fertilizer compatibility. [Corn]. Meyer, L J *Weed Sci* 21 (3): 217-220. Ref. May 1973

079608 79.8 W41
Limitations of surfactant & pH [hydrogen-ion concentration] effects on herbicide behavior in woody plants. [Hardwoods, Pinus taeda]. Hall, O *Weed Sci* 21 (3): 221-223. May 1973

079609 79.8 W41
Bentazon mobility & adsorption in twelve Illinois soils. Abernathy, J R *Weed Sci* 21 (3): 224-227- May 1973

079610 79.8 W41
Action of simazine in increasing plant protein content. [Barley]. Pulver, E L *Weed Sci* 21 (3): 233-237. Ref. May 1973

079611 79.8 W41
Wheat tolerance to TCA [Trichloroacetic acid] for green foxtail control. [Setaria viridis]. Chow, P N P *Weed Sci* 21 (3): 238-241. May 1973

079612 79.8 W41
Influence of temperature on absorption, translocation, & metabolism of pyrazon in sugar beets. Koren, E *Weed Sci* 21 (3): 241-245. Ref. May 1973

079613 79.8 W41
Comparative effects of diquat plus copper sulfate on aquatic organisms. May, B E *Weed Sci* 21 (3): 249-253. Ref. May 1973

079614 79.8 W41
Herbicide effects on parasitism of tomato by hemp broomrape. [Orobanche ramosa]. Saghir, A R *Weed Sci* 21 (3): 253-258. Ref. May 1973

079615 79.8 W41
Chemical weed control in tall bearded iris. [Iris germanica. Milbocker, D C *Weed Sci* 21 (3): 258-260. May 1973

079616 79.8 W41
Proso millet date of planting & tolerance to atrazine. Robinson, R G *Weed Sci* 21 (3): 260-265. May 1973

079617 79.8 W41
Weed control in new plantings of steroid-producing Dioscorea species. Gaskins, M H *Weed Sci* 21 (3): 263-265. May 1973

079618 72.8 W522
Weed control in narrow-row cotton. Arle, H F *West Cotton Prod Conf Sum-proc* P. 16-18. 1973

079619 72.8 W522
Preplant application methods & herbicide applications. [Cotton, weed control]. Stedman, S *West Cotton Prod Conf Sum-proc* P. 60-61. 1973

079620 280.9 W527P
Estimation of a performance function for evaluating range improvement investments. [Weed control, Artemista tridentata, Agropyron desertorum]. Nelson, G *West Farm Econ Ass Proc* 45: 61-65. Ref. 1972

079621 95.8 W73
Weed control in 1973 viticulture. (Ger) *Winzer* 29 (4): 82, 84-86. Apr 1973

INSECTS PESTS AND CONTROLS — GENERAL AND MISCELLANEOUS PLANTS

079622 333.8 AE8
Pest identification from air, or finding insects from 10,000 feet up. *Aerial Appl* 11 (4): 4-5. May 1973

079623 1.98 AG84
Juvenile hormone makes monster insects. *Agric Res* 21 (11): 3-4. May 1973

079624 QL752.A1A5
Ecological observations on hibernation of pea aphid Acyrtosiphon pisum Harris & its parasites in Versailles area. (Fre) Bournoville, R *Ann Zool Ecol Anim* 5 (1): 13-28. Ref. Eng. Sum. 1973

079625 QL752.A1A5
Studies on formulation & conservation of an entomopathogenous preparation of blastospores of Beauveria tenella (Delacr. Siesmaszko). (Fre) Blachere, H *Ann Zool Ecol Anim* 5 (1): 69-79. Eng. Sum. 1973

079626 381 AS7
Infrared analysis of carbaryl insecticide: modification of extraction procedure to accommodate liquid suspension formulations. McDermott, W H *Ass Offic Anal Chem J* 56 (3): 576-578. May 1973

079627 381 AS7
Collaborative study of nonaqueous copper colorimetric & silver titrimetric methods for determination of malathion in technical grade malathion & in malathion formulation. Wayne, R S *Ass Offic Anal Chem J* 56 (3): 579-585. May 1973

079628 QL1.B5
Sterile-male technique & its role in integrated insect control. (Cze) Taimr, L *Biol Ser B Zool* 28 (2): 147-155. Ref. Eng. Sum. 1973

079629 470 C16D
Effects of trermostable exotoxin of Bacillus thuringiensis Berliner on consummation of oxygen by embryos of Acheta domesticus (L.). (Fre) Tremblay, F L J *Can J Zool* 51 (4): 433-435. Apr 1973

079630 58.8 D482
Achievements & costs of operating methods in Agrochemical Centre. [Fertlizers, insecticides]. (Ger) Hubner, B *Deut Agrartech* 1: 14-16. 1973

079631 18 D4825T
On role of parasites of aphids & possibilities of increasing their effect. [Biological control]. (Ger) Sedlag, U *Deut Akad Landwirtschaftswiss Tagungsber* 121: 73-79. Eng. Sum. 1972

079632 381 D75
Plictran miticide in relation to citrus red mite resistance. [Panonychus]. Jeppson, L R *Down Earth* 29 (1): 1-3. Summer 1973

079633 24 EA74
Activity of two juvenile hormone analogues with Heliothis armigera (Hubner), Sitophilus zeamais Motshulsky & Ephestia cautella (Walker). [Biological control]. Bransby-Williams, W R *East Afr Agr Forest J* 38 (2): 170-174. Oct 1972

079634 420 EN822
Major insects of economic importance in Quebec in 1972. [Plants, pests]. (Fre) Ritchot, C *Entomol Soc Quebec Ann* 18 (1): 7-9. Eng. Sum. Jan 1973

079635 QL461.E532
An improved mirex bait formulation for control of imported fire ants. Banks, W A *Environ Entomol* 2 (2): 182-185. Apr 16, 1973

079636 QL461.E532
Morphogenetic effects of two juvenile hormone analogues on larvae of imported fire ants. [Solenopsis richteri, Solenopsis invicta]. Cupp, E W *Environ Entomol* 2 (2): 191-194. Ref. Apr 16, 1973

079637 QL461.E532
A stabilized drop for unit-area sampling of insects in short vegetation. Mason, C E *Environ Entomol* 2 (2): 214-216. Apr 16, 1973

079638 QH1.E5
Beneficial insects: neglected 'good guys'. [Pests, biological control]. Moore, I *Environ Southwest* 454, 5-7. May 1973

079639 TX341.F63
War against pests. use of natural enemies, resistance, & ecological techniques is basis of an integrated control. Smith, R F *FAo Rev* 6 (2): 50-53. Mar/Apr 1973

079640 17 SCH9
Theory & practice of an integrated pest control in agriculture. [Insects]. (Ger) Meier, W *Grune* 101 (20): 709-715. May 18, 1973

079641 17 SCH9
Significance of natural juvenile hormone in insect body & possibilities of a supply of mimic juvenile hormone as a population regulator. (Ger) Fels, P *Grune* 101 (20): 718-720. May 18, 1973

079642 381 J8223
Synthesis & laboratory evaluation of 1-(2,6-disubstituted benzoyl)-3-phenylureas, a new class of insecticides. I. 1-(2,6-dichlorobenzoyl)-3-phenylureas. Wellinga, K *J Agr Food Chem* 21 (3): 348-354. May/June 1973

079643 381 J8223
Alkyl 3,7,11-trimethyl-2,4-dodecadienoates, a new class of potent insect growth regulators with juvenile hormone activity. [Aedes aegypti, Galleria mellonella, Tenebrio molitor, biological control]. Henrick, C A *J Agr Food Chem* 21 (3): 355-359. Ref. May/June 1973

079644 381 J8223
Effect of nutrient additions on apparent cometabolism of DDT. Pfaender, F K *J Agr Food Chem* 21 (3): 397-399. Ref. May/June 1973

079645 381 J8223
Epoxidation & fate of [14Carbon] aldrin in insecticide-resistant & susceptible populations of mosquitofish (Gambusia affinis). Wells, M R *J Agr Food Chem* 21 (3): 428-429. Ref. May/June 1973

079646 381 J8223
Insect chemosterilants. XII. Phosphorus amides. [Musca domestica, Anthonomous grandis, Cochliomyia hominivorax, biological control]. Terry, P H *J Agr Food Chem* 21 (3): 500-502. May/June 1973

079647 410 J828
Introductory review of need for evaluation studies in relation to integrated control. [Insect pests]. Franz, J M *J Appl Ecol* 10 (1): 321-323. Apr 1973

079648 410 J828
Different approaches to quantitative evaluation of natural enemies. [Insect pests, natural control]. Kiritani, K *J Appl Ecol* 10 (1): 323-330. Ref. Apr 1973

079649 410 J828
General applicability of evaluation results. [Aphid control, parasites]. Mackauer, M *J Appl Ecol* 10 (1): 330-335. Ref. Apr 1973

079650 410 J828
Functional response of predators. [Insect pests, natural control]. Murdoch, W W *J Appl Ecol* 10 (1): 335-342. Ref. Apr 1973

079651 QH540.J6
Uptake & distribution of carbofuran & its metabolites in field-grown corn plants. Turner, B C *J Environ Qual* 2 (2): 245-247. Apr/June 1973

079652 60.18 J82
Effects of leaf-footed bugs on mesquite reproduction. [Mozena obtusa, Prosopis glandulosa, Biological control]. Ueckert, D N *J Range Manage* 26 (3): 227-229. Ref. May 1973

079653 SB599.L35
Some host plants of burrowing eelworm, Radopholus similis (Cobb) in Natal. Keetch, D P *Landbouwet S-Afr Agric Sci S Afr Phytophylactica* 4 (2): 51-57. 1972

079654 SB599.L35
Some host plants of the burrowing eelworm, Radopholus similis (Cobb) in Natal. Keetch, D P *Landbouwet S-Afr Agric Sci S Afr Phytophylactica* 4 (2): 51-58. 1972

079655 SB599.L35
Studies on longevity of, & number of eggs parasitised by Mesocomys pulchriceps Cam. (Hymenoptera: Eupelmidae), an egg parasite of Saturniidae (Lepidoptera). [Insect pests, natural control]. Van Den Berg, M A *Landbouwet S-Afr Agric Sci S Afr Phytophylactica* 4 (4): 113-117. Ref. 1972

079656 79.8 L91
Acari: implacable enemies of plants. (Ita) Bonanni, *Lotta Antiparassitaria* 24 (7): 10-11. July 1972

079657 22 M262
Antifeeding properties of two fentin compounds in control of Pericallia ricini F. (Arctiidae) & Spodoptera litura Boisd. (Noctuidae) on castor. Regupathy, A *Madras Agr J* 60 (1): 32-37. Jan 1973

079658 280.28 N685
A natural calamity: outbreak of locusts. [Acrididae]. (Jap) Moritani, Y *Nogyo To Kyodo (lavoura Coop)* 12: 18-24. Dec 1972

079659 308.9 OR3
Control of insect pests on peppermint. [Mentha piperita]. Berry, R E *Oreg Essent Oil Growers League Proc* 24: 43-66. 1973

079660 275.29 W27PN
Insect management & control on crops grown for seed. Johansen, C *Pac Northwest Coop Ext Bull Pnw* 128 (Rev), 25 P. Mar 1973

079661 SB951.P43
Chemical pest control needs overhauling. [Insects]. Gupta, D S *Pesticides* 6 (12): 74-76. Dec 1972

079662 SB951.P43
Antibiotics in relation to insect control. Verma, A N *Pesticides* 6 (12): 90-91. Dec 1972

079663 SB951.P43
Antifeeding property of triphenyl tin acetate against larvae of Spodoptera littoralis Boesd (Noctuidae: Lepidoptera) of different host plants. Dale, D *Pesticides* 6 (12): 92-93. Dec 1972

079664 20.5 P84
Insect hormones & prospects of their use for noxious species. [Biological control]. (Pol) Boczek, J *Postepy Nauk Roln* 19 (6): 15-24. Ref. Nov/Dec 1972

079665 20.5 P84
Visual insect attractants & their use in plant protection. [Traps, insecticides]. (Pol) Lipa, J J *Postepy Nauk Roln* 19 (6): 25-44. Ref. Nov/Dec 1972

079666 64.8 R18
Insect pests of medicinal plants in Bulgaria. I. Bugs (Hemiptera). (Bul) Popov, P *Rastenievud Nauk* 10 (1): 157-164. Eng. Sum. 1973

079667 420 SO12
Data to knowledge of natural foodplants of Lepidopterous larvae. [Lepidoptera]. (Hun) Meszaros, Z *Rovartani Kozlemenyek* 25 (31): 473-480. Eng. Sum. 1972

079668 470 SCI2
Remote radar sensing: atmospheric structure & insects. Richter, J H *Science* 180 (4091): 1176-1178. June 15, 1973

079669 21 SE492
For rational utilization of insecticides in accordance with biology of injurious & useful insects. (Bul) Georgiev, G C *Selskostop Nauk* 12 (1): 63-66. 1973

079670 505 T64
Experimental study of polyphagy of ectoparasitic acarian Pediculoides ventricosus (Newport) & its role in biological control. [Dolichoderus quadripunctatus. (Fre) Torossian, C *Toulouse Soc Hist Natur Bull* 108 (1/2): 294-297. 1St/2nd Quarters 1972

079671 72.8 W522
Automatic counting & classification of insects. [Pests]. *West Cotton Prod Conf Sum-proc* P. 23-26. 1973

079672 20.5 Z5
Advances in agricultural acarology in Europe; proceedings of vIIth European Mite Symposium Warsaw, September 15-17, 1970. *Zeszyty Probl Postepow Nauk Roln* 129, 319 P. 1972

079673 20.5 Z5
Feeding specificity for anthocoride predator Orius vicinus Ribaut. (Fre) Fauvel, G *Zeszyty Probl Postepow Nauk Roln* 129: 251-262. Ref. 1972

079674 20.5 Z5
Certain ecological principles of tetranychid mite control in U.S.S.R. [Tetranychus urticae. Phytoseiulus persimilis, predators]. (Rus) Bondarenko, N V *Zeszyty Probl Postepow Nauk Roln* 129: 263-269. Ref. Eng. Sum. 1972

079675 20.5 Z5
Problems of spider mite control. [Tetranychus urticae]. (Ger) Steinhausen, W R *Zeszyty Probl Postepow Nauk Roln* 129: 277-286. 1972

079676 20.5 Z5
Aspects of genetic control of spider mites. Overmeer, W P J *Zeszyty Probl Postepow Nauk Roln* 129: 47-56. Ref. 1972

079677 20.5 Z5
Study of investigation on effect of growth inhibiting nutritional substance on spider mites. [Panonychus ulmi]. (Ger) Jenser, G *Zeszyty Probl Postepow Nauk Roln* 129: 79-82. Ref. 1972

079678 20.5 Z5
Agricultural acarology in Poland. Boczek, J *Zeszyty Probl Postepow Nauk Roln* 129: 9-19. 1972

079679 SB823.Z6
A fugue for aphids. [Crop pests, India]. Grosser, M *Zoecon* P. 7-17. Mar 1973

INSECT PESTS AND CONTROLS — FIELD CROPS

079680 8 AG839
Application of insecticides at ultra low volume for control of wheat aphids in El Bajio. [Macrosiphum avenae, Acyrthosiphon dirhodum, malathion]. (Spa) Diaz Castro, G *Agric Tec Mex* 3 (5): 176-177. Eng. Sum. July 1972

079681 8 AG839
Evaluation of several dosages of Temik 10 G for control of cotton leaf perforator in Valley of Mexicali. [Buccuiatrix thurberiella]. (Spa) Machain L, *Agric Tec Mex* 3 (5): 194-196. Eng. Sum. July 1972

079682 26 AG86
Stripe disease: An important disease of corn in Reunion. [Peregrinus maidis]. (Fre) Etienne, J *Agron Trop (paris)* 28 (1): 11-17. Ref. Eng. Sum. Jan 1973

079683 8 AG828
Control of some soil pests with application of four chlorate insecticides in a lot seeded with alfalfa (Medicago sativa) L. Variety Apaseo. [Coleoptera]. (Spa) Aburto Marquez, S *Agronomia (Monterey)* 149: 10-15. May 1973

079684 442.8 AN72
Effects of population density on alienicolae of Aphis fabae Scop. IV. expression of migratory urge among alatae in field. [Beans, sugar beets]. Shaw, M J P *Ann Appl Biol* 74 (1): 1-7. May 1973

079685 442.8 AN72
Fluctuations in populations of wheat bulb fly (Leptohylemyia coarctata) at Rothamsted. Bardner, R *Ann Appl Biol* 74 (1): 25-34. Ref. May 1973

079686 442.8 AN72
Effects of population density on alienicolae of Aphis fabae Scop. V. Variations in size, relative wing length & numbers of antennal sensoria of field alatae. [Beans, sugar beets]. Shaw, M J P *Ann Appl Biol* 74 (1): 9-16. Ref. May 1973

079687 65.9 AU7
Fiji disease at Bundaberg. [Perkinsiella saccharicida, vectors]. Toohey, C L *Australian Sugar Year Book* 32: 109-111, 113. Map. 1973

079688 QK1.B52
Parasitic fungus Botrytis fabae Sard. in connection with sucking insects. (Cze) Ondrej, M *Biol Ser A Bot* 28 (1): 57-63. Ref. Eng. Sum. 1973

079689 SB950.A1B6
Comparative trial of efficacy of Azodrin & Endrin for control of corn borers 1971. (Spa) Caballero G de Vinuesa, J I *Bol Inf Plagas* 90: 31-36. Feb 1972

079690 SB950.A1B6
F. AO. Report to Government of Iran on ecology of grain bug & control of this pest [Eurygaster integriceps]. (Spa) Morales-Agacino, E *Bol Inf Plagas* 91: 25-56. Map. Mar 1972

079691 SB950.A1B6
Biology of wheat grain moth (Aelia s.p.) in 1971, compared with 1969 & 1970. (Spa) Caballero Garcia de Vinuesa, J I *Bol Inf Plagas* 96: 13-228 Aug 1972

079692 SB950.A1B6
Notes on campaign to control wheat grain moth (Aelia s.p.) in 1972 in province of Sevilla. (Spa) Caballero Garcia de Vinuesa, J I *Bol Inf Plagas* 96: 23-26. Aug 1972

079693 65.8 B73
Situation of insects & borers on sugarcane plantations in state of Santa Catarina & discovery of a new pest of sugarcane: Report of an inspection trip. (Por) Guagliumi, P *Brasil Acucareiro* 81 (3): 10-13. Mar 1973

079694 421 C16
Fertility & survial of tobacco budworms, Heliothis virescens (Lepidoptera: Noctuidae, from gamma-irradiated females. *Can Entomol* 105 (3): 377-382. Ref. Mar 1973

079695 73.8 C82
A new approach to epidemiological study of a phyllody (cotton floral virescence): Selective culture of mycoplamas extracted from some plants & leafhoppers taken from their original biocenosis. [Cicadellidae]. (Fre) Giannotti, J *Coton Fibres Trop* 27 (4): 371-377. Ref. Eng. Sum. Dec 1972

079696 73.8 C82
Role of Orosius cellulosus Lindberg (Homoptera: Cicadelloidae) as a vector of floral virescence of cotton in Upper Volta. (Fre) Laboucheix, J *Coton Fibres Trop* 27 (4): 393-394. Dec 1972

079697 24 EA74
A survey of sugarcane diseases and pests in east Africa. Rogers, P F *East Afr Agr Forest J* 38 (2): 162-169. Map. Oct 1972

079698 420 EN822
Agromyza frontella (Rond.) (Diptera: Agromyzidae): a pest of alfalfa new to Canada. Harcourt, D G *Entomol Soc Quebec Ann* 18 (1): 49-51. Jan 1973

079699 QL461.E532
Effectiveness of blacklight-chemosterilant feeder & Trichogramma spp. in reducing egg hatch of Heliothis spp. in a large field cage. [Corn, tobacco]. Gentry, C R *Environ Entomol* 2 (2): 159-160. Apr 16, 1973

079700 QL461.E532
Sweepnet sampling for cereal leaf beetle, Oulema melanopus. Ruesink, W G *Environ Entomol* 2 (2): 161-172. Ref. Apr 16, 1973

079701 QL461.E532
Partially sterilized adult pink bollworms: releases in cages & field cause chromosomal aberrations. [Pectinophora gossypiella, cotton]. Bariola, L A *Environ Entomol* 2 (2): 173-176. Ref. Apr 16, 1973

079702 QL461.E532
Distribution of fall armyworm larvae. 1. Regions of field corn plants infested by larvae. [Spodoptera frugiperda]. Morrill, W L *Environ Entomol* 2 (2): 195-198. Ref. Apr 16, 1973

079703 QL461.E532
Migration & population studies of pink bollworm in arid west. [Pectinophora gossypiella, cotton]. Bariola, L A *Environ Entomol* 2 (2): 205-207. Apr 16, 1973

079704 QL461.E532
Mating behavior of southwestern corn borer. [Diatraea grandiosella]. Langille, R H *Environ Entomol* 2 (2): 225-226. Apr 16, 1973

079705 QL461.E532
Jalysus spinosus: effect of insecticide treatments on this predator of tobacco pests. Elsey, K D *Environ Entomol* 2 (2): 240-243. Apr 16, 1973

079706 QL461.E532
A population dynamics study of bollworm & tobacco budworm with light traps. [Heliothis zea, Heliothis virescens]. Hartstack, A W *Environ Entomol* 2 (2): 244-252. Ref. Apr 16, 1973

079707 QL461.E532
Strip-cropping's effect on beneficial insects & spiders associated with cotton in Oklahoma. [Hippodamia]. Burleigh, J G *Environ Entomol* 2 (2): 281-285. Apr 16, 1973

079708 QL461.E532
Field stability of Heliothis nucleopolyhedrosis virus on corn silks. Ignoffo, C M *Environ Entomol* 2 (2): 302-303. Apr 16, 1973

079709 QL461.E532
Parasities of tarnished plant bug in Mississippi Delta. [Lygus lineolaris, cotton]. Scales, A L *Environ Entomol* 2 (2): 304-306. Apr 16, 1973

079710 275.29 G29C
Cotton insect control. Womack, H *Ga Univ Ext Circ* 501 Rev., 8 P. Feb 1973

079711 275.29 G29L
Soybean insects & their control. Suber, E F *Ga Univ Ext Leafl* 29, Rev., 2 P. Apr 1973

079712 464.8 G33
Occurrence & control of European corn borer. [Pyrausta nubilalis]. (Ger) Kramer, K *Gesunde Pflanzen* 25 (4): 57-60. Apr 1973

079713 69.9 J27
Studies on flight behaviour of alate aphids in relation to transmission of cucumber mosaic virus of tobacco & their control. [Myzus persicae, Brevicoryne brassicae]. (Jap) Nakazawa, K *Hatano Tobacco Exp Sta Bull* 72, 134 P. Ref. Eng. Sum. Nov 1972

079714 44.8 H65
You may be feeding your alfalfa to insects. Fisher, E H *Hoards Dairyman* 118 (9): 608, 646 May 10, 1973

079715 22 AG83I
Effect of some soil insecticides on germination, dry weight & nodulation in Trifolium alexandrinum Jeslen. [Egyptian clover, insect pest control]. Gawaad, A A A *Indian J Agr Sci* 42 (11): 969-974. Nov 1972

079716 22 AG83I
Record of some new host plants of, & biological notes on, Gampsocoris pulchellus (Dallas) (Hamiptera: Neididae-Berytidae). Singh, R *Indian J Agr Sci* 42 (11): 977-979. Nov 1972

079717 22 AG83I
Effect of food & temperature on rate of development, fecundity & longevity of Tetranychus cucurbitae Rahman & Sapra (Acarina: Tetranychidae). Gupta, S K *Indian J Agr Sci* 42 (11): 980-983. Nov 1972

079718 420 IN23
Studies on some chemical constituents in relation to differential susceptibility of some maize germplasms to Chilo zonellus (Swinhoe). Sharma, V K *Indian J Entomol* 33 (4): 419-424. Dec 1971 (Pub. Aug 1972)

079719 381 J8223
Uptake snd translocation of guthion by beans & barley. Al-Adil, K *J Agr Food Chem* 21 (3): 376-379. Ref. May/June 1973

079720 381 J8223
Parathion: persistence of cotton & identification of its photoalteration products. Joiner, R L *J Agr Food Chem* 21 (3): 391-396. Ref. May/June 1973

079721 475 J27
Rearing of Apanteles chilonis Munakata on rice stem borer, Chilo suppressalis Walker, bred on a semi-artificial diet. (Jap) Kajita, H *Jap J Appl Entomol Zool* 17 (1): 5-9. Eng. Sum. Mar 1973

079722 60.9 J27
Fluctuation in population density of false melon beetle, Atrachya menetriesi Faldermann, in grassland. III. Decreasing process of population density within one generation. (Jap) Oku, T *Jap Soc Grassland Sci J* 18 (3): 177-182. Ref. Eng. Sum. Oct 1972

079723 60.9 J27
Fluctuation in population density of false melon beetle, Atrachya mentriesi Faldermann, in grassland. IV. Yearly change of population density. [Iadino clover, Dactylis]. (Jap) Oku, T *Jap Soc Grassland Sci J* 18 (3): 183-187. Ref. Eng. Sum. Oct 1972

079724 S19.K72
Pests of wheat crop & their control. [India]. Borle, M N *Krishak Samachar* 16 (8): 14-15, 18. Aug 1972

079725 SB599.L35
Influence of control of Hodotermes mossambicus on plant cover in a northern Transvaal bushveld area. (Afr) Pretorius, L M *Landbouwet S-Afr Agric Sci S Afr Phytophylactica* 4 (2): 45-50. Eng. Sum. 1972

079726 SB599.L35
Damage of natural grazing in Northern Free State by harvester termite, Hodotermes mossambicus (Hagen). (Afr) Basson, N C J *Landbouwet S-Afr Agric Sci S Afr Phytophylactica* 4 (3): 67-72. Ref. Eng. Sum. 1972

079727 59.8 L39
Biological control of some rice pests in Colombia. [Insects]. (Por) Ishiy, T *Lav Arrozeira* 26 (271): 16-23. Jan/Feb 1973

079728 22 M262
Studies on varietal resistance of pigeon pea (Cajanus cajan L.) to sterility mosaic disease. Subramanian, K S *Madras Agr J* 60 (1): 38-40. Jan 1973

079729 22 M262
Carbofuran for control of pests of rice. Venkataraman, A *Madras Agr J* 60 (2): 93-95. Feb 1973

079730 SD1.M3
New insect pest threaten alfalfa. [Otiorhynchus ligustici, myza frontella]. Muka, A A *Maine For Rev* 3/4: 720, 737. Winter/Spring 1973

079731 275.29 M36FA
How to control insects on field tobacco. Harding, W C *Md Univ Ext Fact Sheet* 123, Rev, 4 P. 1973

079732 275.29 M36FA
Control of insects on alfalfa & red clover. Harding, W C *Md Univ Ext Fact Sheet* 149 Rev, 4 P. 1973

079733 284.9 M58
Corn rootworms in Michigan. [Diabrotica longicornis, d. Virgifera, d. Undecimpunctata howardi]. Ruppel, R F *Mich Agr Exp Sta Res Rep* 206, 7 P. Map. Apr 1973

079734 S19.M9
Chemical control of Atherigona varia soccata Rond (Anthomyiidae: Diptera), sorghum shoot fly. Rathore, V S *Mysore J Agr Sci* 6 (4): 471-473. 1972

079735 S19.M9
Breeding for shootfly resistance in sorghum. Usman, S *Mysore J Agr Sci* 6 (4): 509-512. 1972

079736 SB951.A1P43
Armyworm in no-tillage corn. [Pseudaletia unipuncta]. Musick, G J *Pestic News* 26 (2): 38-44. (4 P.) May 1973

079737 21 R862
Efficiency of some insecticides in controlling cereal bugs (Eurygaster sp.). (Rum) Tanase, V *Probl Agr (bucharest)* 25 (3): 30-37. Ref. Eng. Sum. Mar 1973

079738 21 R862
Some new data concerning pest control in seed lucerne crops. (Rum) Sapunaru, T *Probl Agr (bucharest)* 25 (3): 38-44. Eng. Sum. Mar 1973

079739 21 R862
Several aspects of integrated control of pests & diseases in sugar beet crops. (Rum) Codrescu, A *Probl Agr (bucharest)* 25 (3): 45-51. Mar 1973

079740 442.8 P94
Observations on penetration of barley leaves by aphid Rhopalosiphum maidis (Fitch). Evert, R F *Protoplasma* 77 (1): 95-110. Ref. 1973

079741 23 Q37
A semisynthetic medium for mass rearing tobacco looper (Plusia argentifera Guen. (Lepidoptera: Noctuidae). Cunningham, I C *Queensland J Agr Anim Sci* 29 (4): 269-273. Dec 1972

079742 9.2 SO4
Radio sensitivity of corn seeds (Zea mays L.). (Por) Marcos Filho, J *Solo* 64 (2): 39-49. Ref. Eng. Sum. Nov 1972

079743 66.8 SU34B
Prevention & control – a two way attack on sugarbeet insects. *Sugar Beet* P. 12. Spring 1973

079744 66.8 SU34B
Cutworms – big eaters & big menace to sugarbeets. *Sugar Beet* P. 22. Spring 1973

079745 100 T31TE
Cut cotton insecticide costs with integrated control. Adkisson, P L *Tex Agr Progr* 18 (4): 4-7. Fall 1972

079746 100 T31P
Evaluation of four organophosphates for controlling midges 1/ in guar. [Cecidomyiidae texana]. Rogers, C E Agricultural Experiment Station *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3164, 8 P. Feb 1973

079747 100 T31P
Insecticidal control of a spider mite in grain sorghum on Texas High Plains. [Oligonychus pratensis]. Teetes, G L *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3178, 4 P. Ref. May 1973

079748 HD9130.1.T6
Tests with insecticides for tobacco flea beetle control in plantbeds & on newly transplanted tobacco. [Epitrix hirtipennis]. Dominick, C B *Tob Sci* 16: 104. 1972

079749 64.8 Z12
Effect of perennial forage plants on occurrence of wireworms [Agriotes ustulatus]. (Cze) Dirlbek, J *Uroda* 21 (3): 112-113. 1973

079750 448.8 V81
Aphid stylet transmission of poly-1-ornithine treated tobacco mosaic virus. [Myzus persicae]. Pirone, T P *Virology* 53 (1): 274-276. May 1973

079751 72.8 W522
Total insect population & field relationship. [Cotton pests]. Bottrell, D G *West Cotton Prod Conf Sum-proc* P. 27-29. 1973

079752 72.8 W522
Kern County Scouting Program. [Cotton, pests]. Smalstig, H R *West Cotton Prod Conf Sum-proc* P. 31-36. 1973

079753 72.8 W522
Investigation of pest status of Ygus hesperus in cotton in central California. Falcon, L A *West Cotton Prod Conf Sum-proc* P. 39-47. 1973

079754 280.9 W527P
Cotton production under alternative insecticide strategies: implications for resource requirements & environmental quality. Horne, L T *West Farm Econ Ass Proc* 45: 123-126. Ref. 1972

079755 421 Z36
Rearing cotton leafworm Spodoptera littoralis Boisd. on a semiartificial diet. Khalifa, A *Z Angew Entomol* 73 (2): 129-132. May 1973

079756 421 Z36
Role of hydrocyanic acid content in relative susceptibility of certain corn varieties to stalk-borer infestations. [Chilo agamemnon, Ostrinia nubilalis, Sesamia cretica]. El-Saadany, G B *Z Angew Entomol* 73 (2): 212-215. May 1973

079757 464.8 Z1
Sterilization of overwintering adults of cereal pest (Eurygaster sp.) by cobalt 60. [Telenomus, & Asolcus, Biological control]. (Cro) Tadic, M *Zastita Bilja* 23 (117/118): 65-71. Eng. Sum. 1972

INSECT PESTS AND CONTROLS — HORTICULTURAL CROPS

079758 80 AC82
Role of mango bud mite Aceria mangiferae Sayed in mango malformation. Yadav, T D *Acta Hort* 24: 238. Mar 1972

079759 80 AC82
Mite in mango orchards. Ghai, S *Acta Hort* 24: 240. Mar 1972

079760 SB731.A3
Studies on mass rearing of Acanthoscelides obtectus Say (Coleoptera, Bruchidae). [Beans, pests]. Szentesi, A *Acta Phytopathol* 7 (4): 456-465. 1972

079761 385 AG88
Problems of fight against potato pests. [Leptinotarsa decemlineata, aphidae, heterodera rostochiensis]. (Cze) Skuhravy, V *Agrochemia (bratislava)* 13 (1): 7-119. Eng. Sum. 1973

079762 96.1 AM5
Let's take care of our roses: Sawflies. [Arge rosae, Athalia rosae, Blennocampa pusilla]. (Fre) Denninger, C *Amis Roses* 313 (1): 28-30. 1973

079763 442.8 AN72
Laboratory & field investigations with organophosphorus resistant Tetranychus urticae on strawberries. Gould, H J *Ann Appl Biol* 74 (1): 17-23. May 1973

079764 QL752.A1A5
Observations on state of reproductive organs of females of Dacus oleae (Diptera, Trypetidae) captured in flycatchers during one year. (Fre) Stavrakis, G N *Ann Zool Ecol Anim* 5 (1): 111-117. Eng. Sum. 1973

079765 25 AR1
Comparative resistance of five varieties of mungo, Phaseolus aureus Roxb., to attacks of bean fly, Agronomyza phaseoli Coq. Balboa, F C *Araneta J Agr* 19 (1): 66-79. Jan/Mar 1972

079766 80 AR13
Integrated control against peach aphid in 1973. [Myzus persicae, Hyalopterus pruni]. (Fre) Lagaude, H *Arboricult Fruitiere* 20 (229): 31-32. Mar 1973

079767 SB950.A1B6
Development of control treatments against Ceratitis capitata in province of Valencia. (Spa) Canamas Mendoza, R *Bol Inf Plagas* 92: 23-31. Apr 1972

079768 SB950.A1B6
Biological cycle of apple & pear maggot, Perysia (Carpocapsa) pomonella L. (Spa) Fernandez Sanchez de la Nieta, J M *Bol Inf Plagas* 92: 3-8. Apr 1972

079769 SB950.A1B6
Biological cycle of San Jose scale Quadraspidiotus perniciosus Comet. [Apples, pears]. (Spa) Camino Germa, I *Bol Inf Plagas* 92: 9-12. Apr 1972

079770 SB950.A1B6
Observations on pear & apple maggot (Cydia pomonella L.) during 1970. (Spa) Cabezuelo Perez, P *Bol Inf Plagas* 93: 13-24. May 1972

079771 SB950.A1B6
Efficacy trial of different insecticides applied in spray bait to control olive fruit fly (Dacus oleae) in province of Sevilla 1971 (Spa) Caballero Garcia de Vinuesa, J I *Bol Inf Plagas* 93: 25-45. May 1972

079772 SB950.A1B6
Biological cycle of Eutopean red mite (Panonychus ulmi Koch). [Fruit]. (Spa) Fernandez Sanchez de la Nieta, J M *Bol Inf Plagas* 93: 3-8. May 1972

079773 SB950.A1B6
Biological cycle of Perrisia pyri Bouche (pear leaf roller). (Spa) Fernandez Sanchez de la nieta, J M *Bol Inf Plagas* 93: 9-12. May 1972

079774 SB950.A1B6
Tests of insecticides to control Cydia (Laspeyresia pomonella L. [Apples]. (Spa) Cabezuelo Perez, P *Bol Inf Plagas* 94: 11-34. June 1972

079775 SB950.A1B6
Biological cycle of Janus compresus F. [Pears, insect pests. (Spa) Fernandez Sanchez da la nieta, J M *Bol Inf Plagas* 94: 3-6. June 1972

079776 SB950.A1B6
Biological study of green peach aphid (Myzus persicae). (Spa) Fernandez Sanchez de la Nieta, J M *Bol Inf Plagas* 94: 7-10. June 1972

079777 SB950.A1B6
Observations on biology of Zeuzera pyrina L. In 1970. [Apples, insect pests]. (Spa) Cabezuelo Perez, P *Bol Inf Plagas* 95: 21-25. July 1972

079778 SB950.A1B6
Observations on biology of Synanthedon myopiformis Borkh (trunk & branch borer of pome fruit trees). (Spa) Cabezuelo Perez, P *Bol Inf Plagas* 95: 27-32. July 1972

079779 SB950.A1B6
Study of flight of Ceratitis capitata Wied. (Mediterranean fruit fly). (Spa) Fernandez Sanchez dela Nieta, J M *Bol Inf Plagas* 95: 3-5. July 1972

079780 SB950.A1B6
Biological cycle of 'carpocapsa' (Carpocapsa pomonella L.) in fertile plains of Guadiana (Badajoz) during 1971. [Apples, insect pests]. (Spa) Arias, A *Bol Inf Plagas* 95: 33-63. July 1972

079781 SB950.A1B6
Comparative trial of efficacy of different products for control of Prays of olive tree (Prays oleae) in phyllophagous generation, 1972. (Spa) Caballero Garcia de Vinuesa, J I *Bol Inf Plagas* 95: 65-74. July 1972

079782 SB950.A1B6
Comparative trial of different materials active against pear scab (Venturia pirina Aderh) 1971. (Spa) Arias Giralda, A *Bol Inf Plagas* 96: 35-45. Map. Aug 1972

079783 SB950.A1B6
Test of different ultra low volume formulations for control of Tetranychus telarius (red spider mite) on string beans cultivated in greenhouses, in Las Palmas de Gran Canaria, 1971. (Spa) Miralles Ciscar, F *Bol Inf Plagas* 96: 47-54. Aug 1972

079784 SB950.A1B6
First trials of 'directed control' preceeding establishment of a program of 'integrated control'. [Pears, peaches, insect pests]. (Spa) Cabezuelo Perez, P *Bol Inf Plagas* 96: 55-80. Aug 1972

079785 SB950.A1B6
Developmental cycles of various pests in Malaga. (Spa) Moreno Vazquez, R *Bol Inf Plagas* 97: 19-30. Sept 1972

079786 SB950.A1B6
Comparison of different materials active in control of Carpocapsa pomonella L., applied in fertile plains of Guadiana, 1971. [Apples]. (Spa) Arias Giralda, A *Bol Inf Plagas* 97: 39-48. Map. Sept 1972

079787 SB950.A1B6
Comparative trial of efficacy of different products for control of 'Prays' of olive tree (Prays oleae) in carpophagous generation, 1971. (Spa) Caballero Garcia de Vinuesa, J I *Bol Inf Plagas* 97: 49-72. Sept 1972

079788 SB950.A1B6
Biological cycles of some insect pests & diseases of orange tree. (Spa) Limon de la Oliva, F *Bol Inf Plagas* 98: 19-40. Oct 1972

079789 SB950.A1B6
Biological cycles of some pests in Tarragona, 1971. [Olives, Prays oleae, Corylus avellana, Phytoptns]. (Spa) Carbo Saguer, J *Bol Inf Plagas* 98: 3-18. Oct 1972

079790 SB950.A1B6
Experiment with joint treatment for control of Carpocapsa with secondary observation of Capua, grape rootworm & red spider mite. [Tetranychida (Spa) Fernandez Sanchez de la Nieta, J M *Bol Inf Plagas* 98: 41-44. Oct 1972

079791 SB950.A1B6
Control experiment with winter eggs of European red mite (Panonychus ulmi). [Apples]. (Spa) Fernandez Sanchez de la Nieta, J M *Bol Inf Plagas* 98: 45-46. Oct 1972

079792 87 H612
Studies on breeding of chestnut, Castanea spp. II. Parasitic variation in chestnut gall wasp, Dryocosmus kuriphilus Yasumatsu. (Jap) Shimura, I *Bull Hort Res Stn Min Agric Forest, Ser A, Hiratsuka* 11: 1-13. Ref. Mar 1972

079793 87 H612
Ecological studies on chestnut twig borer, Toxoscelus auriceps E. Saunders (Codeoptera: Buprestidae). (Jap) Yamada, H *Bull Hort Res Stn Min Agric Forest, Ser A, Hiratsuka* 11: 161-191. Ref. Eng. Sum. Mar 1972

079794 81 C128
Avocado bark pitting associated with latania scale. [Hemiberlesia lataniae]. Bar-Joseph, M *Calif Avocado Soc Yearbook* 56: 146-147. 1973

079795 450 C16
Evaluation of three types of vineyard sprayers by measurement of carbaryl deposit, dye distribution, & control of powdery mildew & two-spotted mite. [Tetranychus urticae, Uncinula necator]. Chiba, M *Can J Plant Sci* 53 (1): 189-197. Ref. Jan 1973

079796 464.8 D36
Use of synthesized sexual pheromones for trapping of three harmful leaf roller moths in orchards. [Laspeyresia pomonella, Grapholitha molesta, Grapholitha funebrana]. (Fre) Milaire, H G *Def Veg* 27 (160): 84-98. Mar/Apr 1973

079797 464.8 D36
Management of chemical control against codling moth (Laspeyresia pomonella L.) in apple orchards, a first step in integrated control. (Fre) Audemard, H *Def Veg* 27 (160): 99-113. Ref. Mar/Apr 1973

079798 381 D75
Field evaluation of insecticides for controlling mole crickets in turf. Short, D *Down Earth* 29 (1): 26-29. Summer 1973

079799 381 D75
Progress in control of turfgrass weevil, a species of Hyperodes. Tashiro, H *Down Earth* 29 (1): 8-10. Summer 1973

079800 420 N38B
Two Apanteles species (Hymenoptera, Braconidae) as parasites of the apple leafroller (Lepidoptera, Tortricidae). (Dut) Evenhuis, H H *Entomol Ber (amsterdam)* 33 (5): 86-90. Ref. Eng. Sum. May 1, 1973

079801 420 EN822
Insects pests of vegetable crops in southwest area of Quebec in 1972. (Fre) Hudon, M *Entomol Soc Quebec Ann* 18 (1): 3-4. Jan 1973

079802 420 EN822
Insect pests of fruit in south-west of Quebec area in 1972. (Fre) Rivard, I *Entomol Soc Quebec Ann* 18 (1): 5-6. Jan 1973

079803 QL461.E532
Spring populations of green peach aphid on peach trees & role of natural enemies in their control. [Myzus persicae]. Tamaki, G *Environ Entomol* 2 (2): 186-190. Apr 16, 1973

079804 QL461.E532
Integration of sanitation, insecticides, & sterile moth releases for suppression of populations of codling moths in Wenas Valley of Washington. [Laspeyresia pomonella]. Butt, B A *Environ Entomol* 2 (2): 208-212. Apr 16, 1973

079805 QL461.E532
Effect on food consumption of imported cabbageworm when parasitized by two species of Apanteles. [Pieris rapae]. Parker, F D *Environ Entomol* 2 (2): 216-219. Apr 16, 1973

079806 QL461.E532
Toxicity of apple orchard pesticides to Agistemus fleschneri. Nelson, E E *Environ Entomol* 2 (2): 219-222. Apr 16, 1973

079807 QL461.E532
Oriental fruit moth attractant synergists. [Grapholitha molesta]. Roelofs, W L *Environ Entomol* 2 (2): 252-254. Apr 16, 1973

079808 QL461.E532
Biology of Peristenus stygicus from Turkey, a potential natural enemy of Lygus [rugulipennis] bugs in North America. [Beans]. Drea, J J *Environ Entomol* 2 (2): 278-280. Apr 16, 1973

079809 QL461.E532
Notes on predaceous habits of gray field slug, Deroceras laeve. [Insects, biological control]. Fox, L *Environ Entomol* 2 (2): 306-307. Apr 16, 1973

079810 423.9 F6622
Citrus whitefly, Dialeurodes citri (Ashmead) (Homoptera: Aleyrodidae). Weems, H V *Fla Dep Agr Div Plant Indus Tri-ology Tech Rep* 12 (1): 9-10. Ref. Jan 1973

079811 275.29 M381FR
Integrated pest management of apple insects, 1972. Jensen, G L *Fruit Notes Dep Plant Soil Sci Coop Ext Serv Coll Agric Univ Mass* 38 (3): 3-5. May/June 1973

079812 80 F9492
Contributions of study of dynamics of populations of Homoptera restricted to citrus: Estimation of surface of leaves of principal species of citrus cultivated in Corsica. (Fre) Onillon, J C *Fruits* 28 (1): 37-38. Eng. Sum. Jan 1973

079813 80 F9492
State of research on scale insects & Aleyrodidae on citrus. [Greece]. (Fre) Benassy, C *Fruits* 28 (2): 115-125. Eng. Sum. Feb 1973

079814 275.29 G29L
Mexican bean beetle. [Epilachna varivestis]. Harris, E D University Cooperative Extension Service *Ga Univ Ext Leafl* 85, Rev, 2 P. Apr 1973

079815 SB320.G4
Plant protection agents in vegetable culture – chemicals for control of insects & spider mites. (Ger) Cruger, G *Gemuse* 9 (4): 102-106. Apr 15, 1973

079816 SB320.G4
Measures of control of cabbage maggots. [Hylemya brassicae]. (Ger) Jansen, W *Gemuse* 9 (5): 147. May 15, 1973

079817 S15.G5
Citrus pests. [Insects]. (Por) Boing, J *Gleba* 16 (204): 4-5. Oct 1972

079818 10 G79LA
Flea beetles. [Chrysomelidae, horticultura crops]. *Great Brit Min Agr Fish Food Adv Leafl* 109 Rev., 4 P. Dec 1972

079819 100 C12H
Bioecological & population studies of cottony-cushion scale, Icerya purchasi Mask., & its natural enemies, Rodolia cardin Quezada, J R *Hilgardia* 41 (20): 631-6889 ref. Apr 1973

079820 22 AG83I
Note on effect of insecticides on yield of chilli [red peppers] (Capsicum frutescens L.). Panchabhavi, K S *Indian J Agr Sci* 42 (11): 1067. Nov 1972

079821 22 AG83I
Use of male-annihilation technique in control of oriental fruitfly, Dacus dorsalis Hendel. Balasubramaniam, G *Indian J Agr Sci* 42 (11): 975-977. Nov 1972

079822 420 IN23
Evaluation of some important insecticides for control of whitefly, Aleurocznthus woglumi Ashby in pupal state on citrus. Borle, M N *Indian J Entomol* 33 (3): 370-371. Sept 1971 (Pub. July 1972)

079823 16 IT1
Experiments for control of Mamestra brassicae L. [Cabbage, insect pests]. (Ita) Giovanni, G de *Ital Agr* 110 (1): 117-126. Ref. Jan 1973

079824 410 J828
Numerical response of predators to prey density. [Tetranychus urticae, natural control, Stethorus]. Readshaw, J L *J Appl Ecol* 10 (1): 342-351. Ref. Apr 1973

079825 421 J826
Studies on presence of thermostable toxin in serotypes 10,11, & 12 of Bacillus thuringiensis. [Pieris Brassicae, biological control]. Barjac, H de *J Invertebrate Pathol* 21 (3): 325-327. May 1973

079826 475 J27
Ovicidal action of systemic insecticides on eggs of Pieris rapae crucivora Boisduval & Nilaparvata lugens Stal. (Jap) Ito, T *Jap J Appl Entomol Zool* 17 (1): 41-42. Mar 1973

079827 410 J272
Synchronization of life cycles between Callosobruchus chinensis (L) & its parasite, Anisopteromalus calandrae (Howard). II. relationship between development of parasite & developmental stage of host. [Adsuki be (Jap) Okamoto, K *Jap J Ecol* 22 (6): 238-244. Eng. Sum. Dec 1972

079828 SB599.L35
Evaluation of citrus bud mite, Aceria sheldoni (Ewing) (Acarina: Eriophyidae), in navel oranges. (Afr) Schwartz, A *Landbouwet S-Afr Agric Sci S Afr Phytophylactica* 4 (2): 41-44. Eng. Sum. 1972

079829 SB599.L35
European red mite, Panonychus ulmi (Koch), discovered in South Africa. [Fruit, insect pests]. Giliomee, J H *Landbouwet S-Afr Agric Sci S Afr Phytophylactica* 4 (3): 105. 1972

079830 SB599.L35
European red mite, Panonychus ulmi (Koch), discovered in South Africa, [Friut, pests]. Giliomee, J H *Landbouwet S-Afr Agric Sci S Afr Phytophylactica* 4 (3): 105-106. 1972

079831 22 M262
Studies on varietal resistance of bhendi (Abelmoschus esculentus) (L.) Moench) to leafhopper, Amrasca (Empoasca) devastans (Dist.) (Homoptera: Jassidae) 1. Screening of varieties under field conditions. Uthamasamy, S *Madras Agr J* 60 (1): 27-31. Ref. Jan 1973

079832 22 M262
Investigation on damage potential of Aphis gossypii Glover in eggplant (Solanum melongena L.). Chelliah, S *Madras Agr J* 60 (2): 127-128. Feb 1973

079833 22 M262
Studies on incidence of tea-mosquito bug (Helopeltis antonii S.] on some varieties of Guava. Gopalan, M *Madras Agr J* 60 (2): 81-85. Ref. Feb 1973

079834 S19.M9
Heliothes armigera Huebner (Lepidoptera: Noctuidae): a destructive pest of snapdragon (Antirrhinum majus). Rai, P S *Mysore J Agr Sci* 6 (4): 512-514. 1972

079835 S95.E22
European chafer, a continuing lawn problem in New York. [Amphimallon majalis]. Tashiro, H *N Y Food Life Sci Bull* 16, 6 P., Map. June 1972

079836 77.8 OL2
Comparative efficiency of air & ground treatments in oil palm plantations. [Insect, pests, control]. (Fre) Mariau, D *Oleagineux* 28 (4): 167-174. Eng. Sum. Apr 1973

079837 7 ON8P
Pest control chart for ornamentals in home garden. Allan, W C *Ont Dep Agr Food Publ* 312, 12 P.-folder. 1972

079838 7 ON8P
Pest control chart for ornamentals in home garden. *Ont Dep Agr Food Publ* 312, 4 P. Folder 1972

079839 100 OR3OR
Pear psylla take big bite. [Psylla pyricola]. *Oreg Agr Progr* 19 (4): 6-7. Spring 1973

079840 SB951.A1P43
Evaluation of insecticides for aphids & flower thrips control on outdoor roses. Lindquist, R K *Pestic News* 26 (1): 10, 12, 14, 16. Feb 1973

079841 SB951.A1P43
Evaluation of new insecticides for control of insects on vegetables. Sleesman, J P *Pestic News* 26 (1): 18, 20-21. Feb 1973

079842 464.8 P566
Evaluation of furrow applied granular insecticides for control of onion maggot, Hylemya antiqua (Meig.), in southwestern Quebec. Martel, P *Phytoprotection* 54 (1): 51-56. Feb 1973

079843 464.8 P692
Observations on winter survival & diapausing behaviour of red spider mite (Tetranychus urticae) on glasshouse roses. French, N *Plant Pathol* 22 (1): 16-21. Mar 1973

079844 420 SO12
Parasites of Parthenolecanium corni Bouche in Czechoslovakia (Homoptera, Coccidae). (Ger) Blahutiak, A *Rovartani Kozlemenyek* 25 (15): 279-289. Ref. 1972

079845 501 L84B
Cardiac glycosides (heart poisons) in polka-dot moth Syntomeida epilais Walk. (Ctenuchidae: lepidoptera with some observations on toxic qualities of Amata (Syntomis) phegea L. Rothschild, M *Roy Soc London Proc Ser B Biol Sci* 183 (1072): 227-247. Ref. May 15, 1973

079846 S95.E23
A continuing search for effective cabbage maggot control in New York. [Hylemya brassicae, radishes, turnips]. Eckenrode, C J Agricultural Experiment Station, Geneva *Search Agric* 2 (11), 6 P. 1972

079847 S95.E23
Chlordane-resistant Japanese beetle in New York. [Popilla japonica]. Tashiro, H *Search Agric* 3 (3), 6 P., Map. 1973

079848 S95.E23
Economic status & control of grape leafhopper in western New York. [Erythroneura comes]. Taschenberg, E F Agricultural Experiment Station, Geneva *Search Agric* 3 (4), 9 P. 1973

079849 93.33 SH62B
Studies on citrus infesting aphides. II. Relationship of infestation of Aphis spiraecola Patch between citrus trees & primary host plant. [Spiraea thunbergii]. (Jap) Furuhashi, K *Shizuoka Citrus Exp Sta Bull* 10: 84-91. Ref. Eng. Sum. Sept 1972

079850 QD415.A1S7
Iso-peroxidases in tomato leaves infested with greenhouse whitefly (Trialeurodes vaporariorum Westw.) before & after insecticide control. (Rum) Jurca, V *Stud Cercet Biochim* 16 (1): 23-27. Ref. Eng. Sum. 1973

079851 S19.T3
Infestation & control of citrus weevil, Amystax fasciatus Roelofs. (Chi) Hsu, L S *Taiwan Agr Quart* 8 (4): 185-188. Eng. Sum. Dec 1972

079852 100 T25F
Control of loopers on snap beans. [Geometridae, Bacillus thuringiensis]. Heinrichs, E A *Tenn Farm Home Sci Progr Rep* 85: 10-11. Jan/Mar 1973

079853 100 T25F
Collard insect control. [Bacillus thuringiensis]. Heinrichs, E A *Tenn Farm Home Sci Progr Rep* 85: 32-33. Jan/Mar 1973

079854 100 T31P
Preliminary tests for controlling cabbage looper in Rolling Plains. [Trichoplusia ni]. Rogers, C E *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3175, 7 P. Apr 1973

079855 100 T31P
Pecan weevil larval response to some temperatures while in nut. [Curculio caryae]. Harris, M K Agricultural Experiment Station *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3176, 3 P. Apr 1973

079856 80 T817
Biological control in greenhouses; principles & practice. [Tomatoes, Bacillus thuringiensis, insects]. (Dut) Woets, J *Tuinbouwberichten* 37 (4): 169-173. Apr 1973

079857 1 AG84F
Strawberry insects: how to control them. *U S D A Farmers' Bull* 2184, Rev., 17 P. Mar 1972

079858 1 AG84HG
Controlling eastern tent caterpillar. [Malocosoma americana, fruit]. *U S D A Home Gard Bull* 178 Rev, 6 P. Apr 1973

079859 275.29 W27MI
Control of insect & mite pests of commercial small fruits. *Wash State Univ Ext Em* 3302, Rev., 22 P. Mar 1973

079860 281.8 W892
Bionomics & control of mango mealy bug. [Drosicha mangiferae]. Srivastava, A S *World Crops* 25 (2): 87-88. Mar/Apr 1973

079861 421 Z36
Investigations on microbiological control of codling moth Laspeyresia pomonella (L.) with specific granulosis virus. [Apples]. (Ger) Keller, S *Z Angew Entomol* 73 (2): 137-181. Ref. Eng. Sum. May 1973

079862 421 Z36
Studies for analysing side-effects of fungicides Folpet & Mancozeb on populations of european red spider mite Panonychus ulmi (Koch) (Tetranychidae, Acari) on grapevine Vitis vinifera. (Ger) Schruft, G *Z Angew Entomol* 73 (2): 181-196. May 1973

079863 421 Z36
Studies on population dynamics of Lepidosaphes pallida (Green) (Homoptera, Coccoidea). II. Interaction of factors affecting insect distribution. [Mangoes]. Salama, H S *Z Angew Entomol* 73 (2): 197-202. May 1973

079864 464.8 Z1
An importance of Grapholitha funebrana Tr. for plum variety of Bilska rana. [Biological control, Ascogaster quadridentata]. (Cro) Batinica, J *Zastita Bilja* 23 (117/118): 11-24. Ref. Eng. Sum. 1972

079865 20.5 Z5
Tarsonemid mites on apple trees in Poland. X. Laboratory studies on teh biology of certain mite species of family Tarsonemidae (Acarina, Heterostigmata). Suski, Z W *Zeszyty Probl Postepow Nauk Roln* 129: 110-137. Ref. 1972

079866 20.5 Z5
Tarsonemid mites on apple trees in Poland. XI. Field pbservations on distribution & significance of Tarsonemidae (Acarina, Hetorostigmata) in apple orchards. Suski, Z W *Zeszyty Probl Postepow Nauk Roln* 129: 139-157. Ref. 1972

079867 20.5 Z5
A comparison of estimation methods measuring long term effect of pesticides on some Acarina populations in apple orchards. Dabrowski, Z T *Zeszyty Probl Postepow Nauk Roln* 129: 159-169. 1972

079868 20.5 Z5
Occurrence of false spider mite (Brevipalpus lewisi McGregor) in Hungarian vineyards. (Ger) Sarospataki, G *Zeszyty Probl Postepow Nauk Roln* 129: 171-176. 1972

079869 20.5 Z5
Pathology & ecology of Tegonotus hassani Keifer 1959 (Acarina, Eriophyidae) on olive. (Fre) Hatzinikolis, E N *Zeszyty Probl Postepow Nauk Roln* 129: 185-191. 1972

079870 20.5 Z5
Potentials of Typhlodromus (a.) potentillae (Garman) to reduce Panonychus ulmi (Koch) on apple with various nitrogen fertilizations. De Vrie, M Van *Zeszyty Probl Postepow Nauk Roln* 129: 235-241. Ref. 1972

079871 20.5 Z5
Preliminary information on effectiveness of bark bug (Anthocoris nemorum L.: Heteroptera-Anthocoridae) in red spider mite (Panonychus ulmi Koch) control. Niemczyk, E *Zeszyty Probl Postepow Nauk Roln* 129: 243-249. 1972

079872 20.5 Z5
Some observations on outbreaks & damage extent caused by Panonychus ulmi (Koch) in orchards in Hungary. Bognar, S *Zeszyty Probl Postepow Nauk Roln* 129: 271-276. 1972

079873 20.5 Z5
Ovicide effect of acaracides on fruit orchard red spider mite Panonychus ulmi (Koch) in Bulgaria. (Ger) Balewski, A *Zeszyty Probl Postepow Nauk Roln* 129: 287-290. 1972

079874 20.5 Z5
Control method of red spider mite Tetranychus urticae Koch with chemisterilants & gamma-rays under greenhouse conditions. (Fre) Iacob, N *Zeszyty Probl Postepow Nauk Roln* 129: 291-302. 1972

079875 20.5 Z5
Methods in study on plant resistance to spider mites. Dabrowski, Z T *Zeszyty Probl Postepow Nauk Roln* 129: 302-319 ref. 1972

079876 20.5 Z5
Gustatory responses of Tetranychus urticae Koch to phenolic compounds of strawberry foliage. Dabrowski, Z T *Zeszyty Probl Postepow Nauk Roln* 129: 69-78. Ref. 1972

079877 20.5 Z5
Ecology of the predatory mite Phytoseiulus persimilis A.-H., and its effectivness in practical application in the U.S.S.R. [Cucumbers, spider mite, control]. (Rus) Begliarov, G A *Zeszyty Probl Postepow Nauk Roln* 129: 93-102. Eng. Sum. 1972

INSECT PESTS AND CONTROLS — FOREST TREES, PRODUCTS

079878 QL1.A25
Materials to knowledge of plant galls of forest Wolski near Cracow. Skrzypczynska, M *Acta Zool Cracov* 14: 265-280. 1969 Transl. 1972

079879 385 AG89
Diagnosis of mineral nutrition of Larix sibirica. (Rus) Bannov, M G *Agrokhimiia* 4: 140-148. Ref. Apr 1973

079880 99.8 AL53
Scientists contributing to forest entomology research. [Austria]. (Ger) Kurir, A *Allg Forstzeitung* 83 (10): 268-269. Oct 1972

079881 421 AN9
Scolytidae & Platypodidae as well as other insects & mites found in imported wood iI. (Ger) Cola, L *Anz Schadlingsk Pflanzenschutz* 46 (1): 7-11. Eng. Sum. Jan 1973

079882 421 AN9
Effects of insecticides on mycetom-cells of Pemphigus bursarius L. (Aphidina). [Populus pyramidalis]. (Ger) Amiressami, M *Anz Schadlingsk Pflanzenschutz* 46 (4): 52-55. Ref. Eng. Sum. Apr 1973

079883 421 AN9
Two parasitic species (Hymenopters, Halcididae, Eupelmidae & Pteromalidae) of Megastigmus pictus (Forst.) (Hymenoptera, Chalcididae, Torymidae) in larch seeds. [Eupelmus urozonus, Mesopolobus zetterstedtii, Larix]. (Ger) Skrzypczynska, M *Anz Schadlingsk Pflanzenschutz* 46 (4): 60-61. Ref. Eng. Sum. Apr 1973

079884 442.8 AU72
Physiological effects of mucus from wood wasp, Sirex noctilio F., on foliage of Pinus radiata D. Don. Fong, L K *Australian J Biol Sci* 26 (2): 365-378. Ref. Apr 1973

079885 SD1.B71
Study of effects of CS2 & CH3 on purification of Araucaria angustifolia seeds for control of caterpillar Laspeyresia auracariae. (Por) Grodzki, Rm *Bras Florestal* 3 (12): 36-39. Oct/Dec 1972

079886 420 EN822
Major forests insect pests in Quebec in 1972. (Fre) Benoit, P *Entomol Soc Quebec Ann* 18 (1): 10-14. Jan 1973

079887 QL461.E532
Parasites of larch casebearer in Montana, Idaho, & Washington. [Coleophora laricella, Larix occientalis]. Bousfield, W E *Environ Entomol* 2 (2): 212-213. Apr 16, 1973

079888 QL461.E532
Fall cacodylic acid treatments to produce lethal traps for spruce beetles. [Picea engelmanni, Dendroctonus rufipennis]. Buffam, P E *Environ Entomol* 2 (2): 259-262. Apr 16, 1973

079889 QL461.E532
Sequence of arrival of entomophagous insects to trees infested with southern pine beetle. [Dendroctonus frontalis, Pinus taeda]. Camors, F B *Environ Entomol* 2 (2): 267-270. Ref. Apr 16, 1973

079890 QL461.E532
Crowding effects among single-age larvae of mountain pine beetle, Dendroctonus ponderosae (Coleoptera: Scolytidae). Cole, W E *Environ Entomol* 2 (2): 285-293. Ref. Apr 16, 1973

079891 S544.3.N4N4
Insect, mite, & rodent control in New Hampshire Christmas tree plantations. Mason, A H *Ext Publ Coop Ext Serv Univ N H* 1, 8 P. 1973

079892 99.8 SH65
Some analytical results on larva density of Cantarinia inouyei & its rate of emergence. (Jap) Nagai, S *For Prot (tokyo)* 22 (2): 12-18. Feb 1972

079893 99.8 SH65
Control of Japanese wood borer in imported lumber by gamma radiation. [Xylosandrus, Xyleborus]. (Jap) Yoshida, T *For Prot (tokyo)* 22 (2): 2-7. Ref. Feb 1972

079894 99.8 SH65
Withering of Pinus trees injuried by Tehcodiplosis japonensis or nematodes in suburb of Mito City. (Jap) Kaminaga, S *For Prot (tokyo)* 22 (2): 9-11. Feb 1972

079895 99.8 F792
Spruce budworm, worst enemy of our Quebec forests. [Choristoneura fumiferana]. (Fre) Desaulniers, R *Foret Conserv* 39 (4): 18-20. Apr 1973

079896 99.8 F792
Leaf roller-moth: Elements of forest policy of control from economic criteria of income. [Tortricidae, Canada]. (Fre) Nadeau, J P *Foret Conserv* 39 (4): 21-25. Apr 1973

079897 99.8 F7724
Methods of timber storage for control of insect pests. (Ger) Dengler, K *Forst-holzwirt* 28 (8): 145-146, 148-150, 152 (Cont.) Apr 25, 1973

079898 99.9 OS72
Second note on bionomy of Hylecoetus dermestoides L. (Coleoptera, Lymexylonidae). [Forests, pests]. (Ger) Kurir, A *Holzforsch Holzverwertung* 24 (6): 127-135. Ref. Eng. Sum. Dec 1972

079899 SB599.L35
A further experiment on effect of dieldrin coversprays on wood-eating termites. [Hodotermes mossambicus]. Van Ark, H *Landbouwet S-Afr Agric Sci S Afr Phytophylactica* 4 (3): 79-86. 1972

079900 99.8 L5632
Attracting spruce bark-beetle by mechanical traps. [Ips typographus]. (Slo) Svihra, P *Les (Bratislava)* 28 (9): 394-398. Sept 1972

079901 100 M28M
A demonstration of Bacillus thuringiensis, plus enzyme chitinase, against spruce budworm in Maine. II. Effects on developmental rate, adult size, & parasitism rates. [Chor Dimond, J B *Maine Agr Exp Sta Misc Rep* 149, 13 P. Apr 1973

079902 99.8 N815
Fight against spruce bark beetles. [Ips typographus, Picea]. (Nor) Bakke, A *Norsk Skogbruk* 19 (1): 17-23. Map. Jan 1973

079903 449.8 EX8
Identifying wood-destroying beetles. Williams, L H *Pest Contr* 41 (5): 30, 32, 34, 36, 38, 40. Ref. May 1973

079904 SB951.A1P43
Insecticide evaluation for control of Trisetacus gemmavitians, a new mite pest of scotch pine. [Pinus sylvestris]. Nielsen, D G *Pestic News* 26 (1): 6, 8. Feb 1973

079905 464.8 P566
A sampling technique for estimating numerical trends in larval populations of insect defoliators on conifers. II. Modification & operational use of technique for extensive sampling of spruce budworm populations. Martineau, R *Phytoprotection* 54 (1): 23-31. Ref. Feb 1973

079906 464.8 P566
Experimental introduction of nuclear polyhedrosis virus of Porthetria dispar L. (Lepidoptera, Lymantriidae) in forests. [Canada]. (Fre) Cardinal, J A *Phytoprotection* 54 (1): 48-50. Eng. Sum. Feb 1973

079907 464.8 P566
A sampling technique for estimating numerical trends in larval populations of insect defoliators on conifers. I. Development & experimental evaluation of technique. [Choristoneura fumiferana, C.pinus pinus]. DeBoo, R F *Phytoprotection* 54 (1): 9-22. Ref. Feb 1973

079908 420 SO12
Insect pests of Pinus stands in Poland. (Ger) Sierpinski, Z *Rovartani Kozlemenyek* 25 (13): 263-269. 1972

079909 S95.E23
Evaluation of soil applied systemic insecticides on insects of white birch in nurseries. Tashiro, H Agricultural Experiment Station, Geneva *Search Agric* 3 (9), 11 P. Ref. 1973

079910 SD1.I58
Natural resistance of some Chilean wood species attacked by Cryptotermes brevis (Walker). [Laurelia philippiana, Nothofagus dombey, pinus radiata]. (Spa) Micheli S, H *Ser Invest Inst For* 6, 33 P. Eng. Sum. 1972

079911 99.8 SU6
Natural regeneration of infested fir stands. [Argyresthia fundella]. (Cro) Slavko, M *Sumarski List* 96 (11/12): 432-441. Map. Ref. Eng. Sum. 1972

079912 505 T64
Study of distribution of galleries of Blastophagus piniperda L. (Coleoptera Scolytidae) on trunk of young maritime pine in forest of Bauconne (Haute-Garonne). [Pinus pinaster]. (Fre) Larroche, D *Toulouse Soc Hist Natur Bull* 108 (1/2): 287-293. Ref. 1St/2nd Quarters 1972

079913 A423.9 F764
Spruce budworm in Eastern United States. [Choristoneura fumiferana, Abies balsamea, Picea]. Bean, J L *U S Forest Serv Forest Pest Leafl* 58 Rev, 8 P. Map. Mar 1973

079914 A423.9 F764
Douglas-fir tussock moth. [Pseudotsuga menziesii, Hemerocampa pseudotsugata]. Wickman, B E *U S Forest Serv Forest Pest Leafl* 86, Rev., 6 P., Map. Mar 1973

079915 99.8 M69
Economic importance of secondary noxious insects of pine on territories with chronic influence of industrial air pollution. (Ger) Sierpinski, Z *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 609-615. Eng. Sum. 1972

079916 99.9 W262
Possibilities of mass raising & use of Sclerodermus domesticus Klug. In biological control of insects in wooden constructions & wood products. (Pol) Dominik, J *Warsaw Szkola Glowna Gosp Wiejsk Lesnictwo* 18: 133-140. Eng. Sum. 1972

079917 99.9 W262
Studies on entomofauna of hardwood depots in wood-working plants. (Pol) Ratajczak, Z *Warsaw Szkola Glowna Gosp Wiejsk Lesnictwo* 18: 193-204. Ref. Eng. Sum. 1972

079918 421 Z36
Damages inflicted on wood by termite Psammotermes hybostoma Desneux in Khartoum district, Sudan, & measurements against them. Abushama, F T *Z Angew Entomol* 73 (2): 216-223. Ref. May 1973

079919 464.8 Z1
A contribution to investigation of cobalt 60 irradiation effect on male gypsy moth (Lymantria dispar L.). [Biological control]. (Cro) Maksimovic, M *Zastita Bilja* 23 (117/118): 25-36. Ref. Eng. Sum. 1972

INSECT PESTS AND CONTROLS — PRODUCTS

079920 S544.3.W6W53
Controlling pantry pests. [Insects]. Gojmerac, W L *A Coop Ext Programs Univ Wis* 1984, 2 P. Apr 1973

079921 381 AS7
Method for determining direction of insect boring through food packaging materials. [Contamination]. Brickey, P M *Ass Offic Anal Chem J* 56 (3): 640-642. May 1973

079922 19 B635
Mode of life of cheese skipper, Piophila casei, & its control. (Ger) Swatonek, F *Bodenkultur* 24 (1): 91-96. Feb 1973

079923 QL461.E532
Multiplication of Oryzaephilus spp. & Tribolium spp. on 20 natural product diets. LeCato, G L *Environ Entomol* 2 (2): 176-179. Apr 16, 1973

079924 QL461.E532
Oxygen toxicity in Tribolium species. Aliniazee, M T *Environ Entomol* 2 (2): 293-295. Apr 16, 1973

079925 QL461.E532
Whole-body autoradiographic studies on penetration of C[carbon]-dieldrin in susceptible & resistant house flies. [Musca domestica]. Sellers, L G *Environ Entomol* 2 (2): 296-298. Ref. Apr 16, 1973

079926 TX341.F69
Your no. 1 enemy. [Food, pests]. Robinson, W H *Food Manage* 8 (4): 52-54. Apr 1973

079927 16 IT1
Evolution of disinfection of seeds & tubers in Great Britain. (Ita) Platt, B *Ital Agr* 109 (12): 1383-1386. Dec 1972

079928 421 J829
Susceptibility of immature & adult stages of Sitophilus granarius to phosphine. [Wheat, storage pests]. Howe, R W *J Stored Prod Res* 8 (4): 241-262. Ref. Mar 1973

079929 421 J829
Development of Sitophilus zeamais Motsch. in WURLD [Western Utilization Research Laboratory] wheat. Mills, R B *J Stored Prod Res* 8 (4): 271-274. Ref. Mar 1973

079930 421 J829
Termination of diapause in Trogoderma granarium Everts (Coleoptera, Dermestidae). Nair, K S S *J Stored Prod Res* 8 (4): 275-290. Mar 1973

079931 421 J829
Effect of moisture on growth rate & development of two strains of Tenebrio molitor L. (Coleoptera, Tenebrionidae). [Wheat]. Urs, K C D *J Stored Prod Res* 8 (4): 291-297. Ref. Mar 1973

079932 421 J829
Effect of moisture on lipid content & composition of two strains of Tenebrio molitor L. (Coleoptera8 Tenebrionidae). Urs, K C D *J Stored Prod Res* 8 (4): 299-305. Ref. Mar 1973

079933 421 J829
Response of three insects to sublethal doses of phosphine. [Tribolium confusum, Sitophilus granarius, Tenebroides mauritanicus, Storage pests]. Bond, E J *J Stored Prod Res* 8 (4): 307-313. Mar 1973

079934 421 J829
Fumigation trials with a mixture of methyl bromide & carbon dioxide in vertical bins. [Wheat]. Calderon, M *J Stored Prod Res* 8 (4): 315-321. Mar 1973

079935 421 J829
Evaluation of pesticides against stored product mites. [Acarus siro, Tyrophagus putrescentiae, Glycyphagus destructor]. Wilkin, D R *J Stored Prod Res* 8 (4): 323-327. Mar 1973

079936 421 N812
Life history & food-spoiling enzymes of Dermestes lardarius (L.). Hilali, M *Norsk Entomol Tidsskr* 19 (1): 25-32. Ref. 1972

079937 QL750.O3
Population dynamics of stored-product mites. Sinha, R N *Oecologia* 12 (4): 315-327. Ref. 1973

079938 298.8 SE42
Phostoxin for control of infestation in elevators, warehouses & flour mills. (Ita) Neubecker, F *Tec Molitoria* 24 (4): 76-80. Feb 1973

079939 73.9 T31
Studies on textile insectproofing. II. Substituted phenylthioureas, including fibre-reactive derivatives. [Wool]. Hoskinson, R M *Textile Inst J* 64 (3): 144-152. Ref. Mar 1973

079940 41.8 V6439
Comparison of efficiency of some insecticides as used against synanthropous dipterous insect in slaughterhouses. (Cze) Lastovka, P *Veterinarstvi* 23 (3): 133-135. 1973

079941 421 Z36
Ecological studies on insects infesting wheat grains in Egypt. Aboul-Nasr, S *Z Angew Entomol* 73 (2): 203-212. Ref. May 1973

079942 20.5 Z5
Influence of active substances of medicinal herbs on stored products mites. Czajkowska, B *Zeszyty Probl Postepow Nauk Roln* 129: 197-232. 1972

INSECT PESTS AND CONTROLS — ANIMAL AND MAN

079943 448.3 AC85
Friend leukemia virus (FLV) elimination in feces of flies & fleas. [Stomoxys calcitrans, Ctenocephalides felis]. Rehacek, J *Acta Virol* 17 (2): 167. Mar 1973

079944 SF1.A2
Flies in man's environs. [Diptera]. (Ger) Teschner, D *Acta Zootech* 24: 191-203. Ref. Eng. Sum. 1972

079945 58.8 AG832
Cattle rearing: A dream made reality. [Cochclomyia hominivorax, biological control]. (Spa) Deterling, D *Agric Am* 22 (4): 18-19. Map. Apr 1973

079946 442.8 AL6
On harmful effect of Thelohania opacita (Microsporidia, Nosematidae) on Culicidae (Diptera) larvae. (Rus) Levchenko, N G *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 1: 58-61. Jan/Feb 1973

079947 448.8 AM326
Arboviruses in Finland. I. Isolation of tick-borne encephalitis (TBE) virus from arthropods, vertebrates, & patients. Brummer-Korvenkontio, M *Am J Trop Med Hyg* 22 (3): 382-389. Ref. May 1973

079948 448.8 AM326
Arboviruses in Finland. II. Isolation & characterization of uukuniemi virus, a virus associated with ticks & birds. Saikku, P *Am J Trop Med Hyg* 22 (3): 390-399. Ref. May 1973

079949 448.8 AM326
Arboviruses in Finland. III. Uukuniemi virus antibodies in human, cattle, & reindeer sera. Saikku, P *Am J Trop Med Hyg* 22 (3): 400-403. May 1973

079950 442.8 AU72
Inheritance of dimethoate resistance in Mackay strain of cattle tick (Boophilus microplus) in Australia. Stone, B F *Australian J Biol Sci* 26 (2): 445-451. Ref. Apr 1973

079951 449.9 P192B
Worldwide studies on aircraft disinsection at 'blocks away'. (Spa) Sullivan, W N *Bol Of Sanit Panam* 74 (4): 315-323. Eng. Sum. Apr 1973

079952 S13.B7
Diptera of family Sarcophagidae as a component of European Synusia of synanthropic flies. Povolny, D *Brno Acta Univ Agr Fac Agron* 20 (3): 463-477. Ref. 1972

079953 428 C763
Predators investigated for biological control of mosquitoes & midges at University of California, Riverside. Legner, E F *Calif Mosq Contr Assoc Proc Pap* 40: 109-111. Ref. Jan/Feb 1972

079954 428 C763
General operational program in Delta Mosquito Abatement District. Turner, R E *Calif Mosq Contr Assoc Proc Pap* 40: 111-112. Jan/Feb 1972

079955 428 C763
Role of field personnel in coming era of land & water management for mosquito prevention. Natvig, H L *Calif Mosq Contr Assoc Proc Pap* 40: 113-114. Jan/-Feb 1972

079956 428 C763
Influences of other interests on mosquito control in California. Kramer, M C *Calif Mosq Contr Assoc Proc Pap* 40: 114-116. Jan/Feb 1972

079957 428 C763
Theoretical aspects of a large-sclae field test of rice field mosquito control. Hoy, J B *Calif Mosq Contr Assoc Proc Pap* 40: 119-120. Jan/Feb 1972

079958 428 C763
Interrelation between water depths & distribution of Gambusia affinis & immature Culex tarsalis in Fresno County rice fields. Reed, D E *Calif Mosq Contr Assoc Proc Pap* 40: 122-123. Jan/Feb 1972

079959 428 C763
Inundation with parasitic insects to control filth breeding flies in California. Legner, E F *Calif Mosq Contr Assoc Proc Pap* 40: 129-130. Ref. Jan/Feb 1972

079960 428 C763
Mosquito adulticides & larvicides: efficacy under field conditions & effects of larvicides on nontarget insects. Mulla, M S *Calif Mosq Contr Assoc Proc Pap* 40: 139-145. Jan/Feb 1972

079961 428 C763
Insecticide susceptibility of mosquitoes in California: illustrated distribution of organophosphorus resistance in larval Aedes nigromaculis & Culex tarsalis. Womeldorf, D J *Calif Mosq Contr Assoc Proc Pap* 40: 17-21. Maps. Jan/Feb 1972

079962 428 C763
Mortality of caged organophosphorus-resistant Culex tarsalis Coquillett using various adulticides applied as nonthermal aerosols. Gillies, P A *Calif Mosq Contr Assoc Proc Pap* 40: 22-25. Jan/Feb 1972

079963 428 C763
Resistance forces a new blueprint for California mosquito control. Silveira, S M *Calif Mosq Contr Assoc Proc Pap* 40: 29-31. Jan/Feb 1972

079964 428 C763
Naturalistic approaches: a practical appraisal. [Mosquito natural control]. Sjogren, R D *Calif Mosq Contr Assoc Proc Pap* 40: 39-41. Ref. Jan/Feb 1972

079965 428 C763
Operational evaluation of Flit MLO in Orange County Mosquito Abatement District in July 1971. Challet, G L *Calif Mosq Contr Assoc Proc Pap* 40: 41-43. Jan/Feb 1972

079966 428 C763
Field evaluation of petroleum oils for control of mosquito larvae in irrigated pastures. [Aedes nigromaculis, Culex tarsalis]. Darwazeh, H A *Calif Mosq Contr Assoc Proc Pap* 40: 44-46. Jan/Feb 1972

079967 428 C763
Efficacy of fortified petroleum oils as mosquito larvicides in irrigated pastures. [Aedes nigromaculis, Culex tarsalis]. Darwazeh, H A *Calif Mosq Contr Assoc Proc Pap* 40: 46-48. Jan/Feb 1972

079968 428 C763
Studies with a juvenile hormone analogue for control of Culex pipiens quinquefasciatus Say. Lewis, L F *Calif Mosq Contr Assoc Proc Pap* 40: 49-50. Jan/Feb 1972

079969 428 C763
U. S. Army activities in 1971 Venezuelan equine encephalitis outbreak in Mexico & Texas. Eldridge, B F *Calif Mosq Contr Assoc Proc Pap* 40: 5-7. Maps. Jan/Feb 1972

079970 428 C763
Mosquito adulticiding with synergized pyrethrum. Lee, J E *Calif Mosq Contr Assoc Proc Pap* 40: 51-54. Jan/Feb 1972

079971 428 C763
Observations on malathion thermal fogging in a mixed conifer forest at Lake Tahoe. [Mosquito control]. Garcia, R *Calif Mosq Contr Assoc Proc Pap* 40: 56-59. Ref. Jan/Feb 1972

079972 428 C763
Solid ultra low volume. [Mosquito control]. Hazeltine, W *Calif Mosq Contr Assoc Proc Pap* 40: 60-61. Jan/Feb 1972

079973 428 C763
Vertical drainage for mosquito abatement in small problem areas associated with irrigated fields: a progress report. Lewis, L F *Calif Mosq Contr Assoc Proc Pap* 40: 61-63. Jan/Feb 1972

079974 428 C763
Studies on ecology of treehole mosquito Aedes sierrensis (Ludlow). Garcia, R *Calif Mosq Contr Assoc Proc Pap* 40: 63-65. Jan/Feb 1972

079975 428 C763
Microbial mortality factors in Aedes sierrensis population. [Natural control]. Sanders, R D *Calif Mosq Contr Assoc Proc Pap* 40: 66-68. Jan/Feb 1972

079976 428 C763
Residual activity of various insecticides in treeholes. [Aedes sierrensis]. Oldham, M *Calif Mosq Contr Assoc Proc Pap* 40: 69-71. Jan/Feb 1972

079977 428 C763
Nightly patterns of biting activity & parous rates of some California mosquito species. Nelson, R L *Calif Mosq Contr Assoc Proc Pap* 40: 72-76. Jan/Feb 1972

079978 428 C763
Mosquito control crisis in Central Valley: where do we go from here? Schaefer, C H *Calif Mosq Contr Assoc Proc Pap* 40: 76-79. Jan/Feb 1972

079979 428 C763
Water quality control & mosquito abatement. [Agricultural wastes]. Baier, D C *Calif Mosq Contr Assoc Proc Pap* 40: 80-81. Jan/Feb 1972

079980 428 C763
Algae, Chara & Cladophora: problems they cause & their control. [Mosquito biological control]. Yeo, R R *Calif Mosq Contr Assoc Proc Pap* 40: 81-83. Jan/Feb 1972

079981 428 C763
Certification of vector control personnel in California. [Insects, pests]. McFarland, G C *Calif Mosq Contr Assoc Proc Pap* 40: 83-86. Jan/Feb 1972

079982 428 C763
Practical aspects of a large-scale field test of rice field mosquito control. [Gambusia affinis, chlorpyrifos]. Kauffman, E E *Calif Mosq Contr Assoc Proc Pap* 40: 86-87. Jan/Feb 1972

079983 428 C763
Some ecological aspects of malaria in California. [Insect vectors, Anopheles]. Bailey, S F *Calif Mosq Contr Assoc Proc Pap* 40: 87-92. Ref. Jan/Feb 1972

079984 428 C763
Seasonal distribution & behavior of California anopheline mosquitoes. [Anopheles]. Bailey, S F *Calif Mosq Contr Assoc Proc Pap* 40: 92-101. Ref. Jan/Feb 1972

079985 443.8 C16
Sex-linked translocations, semisterility & linkage alterations in mosquito Aedes aegypti. [Genetic control]. Bhalla, S C *Can J Genet Cytol* 15 (1): 9-20. Ref. Mar 1973

079986 421 EN86
Ectoparasites of dogs & cats in Iran. Rak, H *Entomol Mon Mag* 108 (1298/1300): 189. July/Sept 1972 (Pub. 1973)

079987 QL461.E532
Inverse relationships between mass of breeding habitat & synanthropic fly emergence & measurement of population densities with sticky tapes in California inland valleys. [Poult Legner, E F *Environ Entomol* 2 (2): 199-205. Ref. Apr 16, 1973

079988 QL461.E532
Rearing & biology of horn fly in laboratory: effects of density on survival & fecundity of adults. [Haematobia irritans]. Schmidt, C D *Environ Entomol* 2 (2): 223-224. Apr 16, 1973

079989 475 EX7
5-Methyl-3-butyl-octahydroindolizine, a novel type of pheromone attractive to Pharaoh's ants (Monomorium pharaonis (L.). Ritter, F J *Experientia* 29 (5): 530-531. May 15, 1973

079990 60.8 F742
Problems caused by cattle dung & associated insects. MacQueen, A *Forage Notes (Ottawa)* 18 (1): 38-39. Spring 1973

079991 24 G25
Ectoparasites of swine. (Por) Picae Tello, M *Gaz Agr (lourenco Marques)* 24 (279): 245-249. Aug 1972

079992 24 G25
East Coast fever. [Rhipicephalus appendiculatus, Theileria parva, cattle]. (Por) Tello, *Gaz Agr (lourenco Marques)* 24 (280): 282-283. Sept 1972

079993 43.8 G69
African tick feber is dangerous. [Cattle, buffaloes]. Jain, P C *Gosamvardhana* 20 (6/7): 15-17. Sept/Oct 1972

079994 410 G79
Incidence of spotted fever in wood ticks of Utah recreational sites. [Dermacentor andersoni, disease transmission]. Herrin, C S *Great Basin Natur* 33 (1): 26-28. Mar 31, 1973

079995 11 H35
Cattle in Tanzania are plagued by flies & bugs. [Insects]. (Dan) Lauridsen, C *Hedeselsk Tidsskr* 94 (2): 28-32. Feb 15, 1973

079996 44.8 H65
Flies soon will be bugging you! [Dairy cattle]. Gojmerac, W L *Hoards Dairyman* 118 (9): 607, 654. May 10, 1973

079997 QH547.I55
Determination of migratory route of borfly larvae, cuterebra grisea (Diptera: Cuterebricae) in deermice. Hunter, D M *Int J Parasitol* 3 (3): 311-316. Ref. May 1973

079998 QH547.I55
Immunological responses of rabbits artificially infested with cattle grubs Hypoderma bovis (L.) & Hypoderma lineatum (De Vill.) (Diptera: Oestridae). Boulard, C *Int J Parasitol* 3 (3): 379-386. Ref. May 1973

079999 421 J828
Boophilus annulatus: effect of host nutrition on development of female ticks. [Cattle]. Gladney, W J *J Med Entomol* 10 (2): 123-130. Ref. Apr 25, 1973

080000 421 J828
Isolation of Wanowrie, Thogoto, & Dhori viruses from Hyalomma ticks infecting camels in Egypt. Williams, R E *J Med Entomol* 10 (2): 143-146. Ref. Apr 25, 1973

080001 421 J828
Tickborne viruses in Western North America. I. Viruses isolated from Ixodes uriae in coastal Oregon in 1970. Thomas, L A *J Med Entomol* 10 (2): 165-168. Ref. Apr 25, 1973

080002 421 J828
Acarinium of pocket gopher, Thomomys bottae (Rodentia: Geomyidae). Rust, R W *J Med Entomol* 10 (2): 169-175. Ref. Apr 25, 1973

080003 421 J828
Multiplication of Whataroa virus in mosquitoes. [Aedes australis]. Miles, J A R *J Med Entomol* 10 (2): 176-185. Map. Ref. Apr 25, 1973

080004 421 J828
Experimental infection of Anopheles gambiae & Culex pipiens fatigans with Wuchereria bancrofti in coastal East Africa. Crans, W J *J Med Entomol* 10 (2): 189-193. Ref. Apr 25, 1973

080005 421 J828
Differential development of Brugia pahangi in laboratory strains of Aedes aegypti. Rodriguez, P H *J Med Entomol* 10 (2): 194-197. Ref. Apr 25, 1973

080006 421 J828
Host preferences of Deinoberites pseudes Dyar & Knab. [Venezuelan equine encephalitis virus, transmission]. Martin, D H *J Med Entomol* 10 (2): 206-208. Map. Ref. Apr 25, 1973

080007 421 J828
Superinfection of Aedes togoi with Brugia malayi. Bosworth, W *J Med Entomol* 10 (2): 217-219. Ref. Apr 25, 1973

080008 421 J828
A euschoengastia species (Acari: Trombiculidae) of possible medical & veterinary importance in Oregon. Easton, E R *J Med Entomol* 10 (2): 225-226. Apr 25, 1973

080009 421 J828
Envenomation by spider Trachelas tranquillus (Hentz) (Araneae: Clubionidae). Uetz, G W *J Med Entomol* 10 (2): 227. Apr 25, 1973

080010 439.8 J82
East Coast Fever of cattle: 60Co [cobalt] irradiation of infective particles of Theileria parva. [Tick vector, Rhipicephalus appendiculatus]. Cunningham, M P *J Protozool* 20 (2): 298-300. Ref. May 1973

080011 11 L234
Salmonellosis, manure flies, & pastures. [Diptera]. (Swe) Thunegard, E *Lantmannen* 84 (6): 33. Mar 30, 1973

080012 100 M28M
Recommendations for chemical control of mosquitoes. McDaniel, I N *Maine Agr Exp Sta Misc Rep* 148, 6 P. Apr 1973

080013 S19.M9
A rare outbreak of Ctenocephalides felis orientis Jordan (1925) in poultry & its successful control with sumithion. Jagannath, M S *Mysore J Agr Sci* 6 (4): 515-516. 1972

080014 412.628 N812
Methoxychlor: a new way of fighting fleas & ear mites in fur bearing animals. [Siphonaptera, Acarina]. (Nor) Westbye, O *Norsk Pelsdyrbl* 47 (7/8): 239-240. Apr 10, 1973

080015 41.8 N922
Dermanyssus gallinae eradication on poultry farms. (Ita) Ambrosi, M *Nuova Vet* 48 (5): 301-307. Ref. Eng. Sum. Sept-/Oct 1972

080016 41.8 ON1
Laboratory investigations on life-cycle of Rhipicephalus theileri Bedford & Hewitt, 1925 (Ixodoidea: Ixodidae). [Dogs]. Neitz, W O *Onderstepoort J Vet Res* 39 (2): 117-122. June 1972

080017 41.8 ON1
Experimental transmission of Theileria ovis by Rhipicephalus evertsi mimeticus & Rhipiceplialus bursa. Neitz, W O *Onderstepoort J Vet Res* 39 (2): 83-85. Ref. June 1972

080018 41.8 ON1
Host preferences of Culicoides midges (Diptera: Ceratopogonidae) in South Africa as determined by precipitin tests and light trap catches. [Mules, horses]. Nevill, E M *Onderstepoort J Vet Res* 39 (3): 147-151. Ref. Sept 1972

080019 QL757.A1P32
Infection rate of mass species of Muridae with fleas in forest zone of mountain Crimea. [Siphonaptera]. (Rus) Sosnina, E F *Parazitologiia* 7 (1): 31-35. Ref. Eng. Sum. Jan/Feb 1973

080020 QL757.A1P32
On flight distance of flies of Oestrus ovis L. (Rus) Ternovoi, V I *Parazitologiia* 7 (2): 123-127. Eng. Sum. Mar/Apr 1973

080021 QL757.A1P32
On occurrence of tick Ixodes eldaricus Djap. on rodents in Kopetdag. (Rus) Berdyev, A *Parazitologiia* 7 (2): 183-185. Eng. Sum. Mar/Apr 1973

080022 47.8 AM33P
Fly control & chronic toxicity from feeding Dursban (0,0-diethyl 0-3, 5, 6-trichloro-2-pyridyl phosphorothioate) to laying hens. Sherman, M *Poultry Sci* 52 (2): 741-747. Ref. Mar 1973

080023 RC114.5.P7
Ecological approach to study of tick-borne encephalitis. Blaskovic, D *Prog Med Virol* 14: 275-320. Map. Ref. 1972

080024 41.8 R312
A laboratory technique for studying mechanical transmission of bovine herpes mammillitis virus by stable fly (Stomoxys calcitrans L.). Gibbs, E P J *Res Vet Sci* 14 (2): 145-147. Mar 1973

080025 45.8 SA8
Increasing loss of sheep & lambs on pasture in Nordland is ominous. [Pest control]. (Nor) Vevelstad, A *Sau Geit* 25 (I.e. 26) (1): 16-18. Feb 1973

080026 470 SCI2
Blood-feeding requirements of mosquito: geographical variation in Aedes taeniorhynchus. O'Meara, G F *Science* 180 (4092): 1291-1293. Map. Ref. June 22, 1973

080027 46.9 SV2
Swine mange – an unnecessary evil. [Sarcoptes scabiei]. (Swe) Olsson, T *Svinskotsel* 63 (4): 10-11. Apr 13, 1973

080028 41.9 T23
Experimental treatment of a case of glaucoma in a dog. (Per) Ranjbar, M A *Tehran Univ Vet Fac J* 28 (4): 85-92. Eng. Sum. Jan 1973

080029 1 AG84PRO
Fight against cattle fever ticks. [Babesia] dept. of agriculture. *U S D A Pa* 475, Rev., 10 P. Apr 1973

080030 420 UT1
Mosquito control research of USDA Western Insects Affecting Man & Animals Laboratory. Rogoff, W M *Utah Mosquito Abatement Ass Proc* 25Th: 1 Apr 27, 1973

080031 420 UT1
Aerial photography in mosquito control. Mulhern, T D *Utah Mosquito Abatement Ass Proc* 25Th: 12-14. Apr 27, 1973

080032 420 UT1
Pasture mosquito control without spray. [Aedes nigromaculis]. Murray, W D *Utah Mosquito Abatement Ass Proc* 25Th: 14-17. Apr 27, 1973

080033 420 UT1
Distribution of Aedes hendersoni Cockerell in Colorado. Linam, J H *Utah Mosquito Abatement Ass Proc* 25Th: 17-19. Apr 27, 1973

080034 420 UT1
Recent developments of mosquito control research in Florida. [Culex nigripalpus, Aedes taeniorhynchus]. Rogers, A J *Utah Mosquito Abatement Ass Proc* 25Th: 2-3. Apr 27, 1973

080035 420 UT1
Mosquito control problems of Laramie, Wyoming. Forcum, D L *Utah Mosquito Abatement Ass Proc* 25Th: 20-21. Apr 27, 1973

080036 420 UT1
Surveillance for Venezuelan equine encephalitis activity during 1972. [Mosquitoes, vectors]. Hayes, R O *Utah Mosquito Abatement Ass Proc* 25Th: 22-24. Apr 27, 1973

080037 420 UT1
Monsanto 0585: an example of a new approach to mosquito larviciding. Winokur, M N *Utah Mosquito Abatement Ass Proc* 25Th: 26-28. Apr 27, 1973

080038 420 UT1
Some aspects of water management in Utah & effects on mosquito control. Griffin, R E *Utah Mosquito Abatement Ass Proc* 25Th: 29. Apr 27, 1973

080039 420 UT1
Comparative growth rates of aquatic stages of ten mosquito species (Diptera: Culicidae) at two constant temperatures. [Aedes, Culex, Culiseta]. Rosay, B *Utah Mosquito Abatement Ass Proc* 25Th: 31-44. Ref. Apr 27, 1973

080040 420 UT1
Possible legal entanglements in a mosquito abatement district. Warr, I *Utah Mosquito Abatement Ass Proc* 25Th: 4-6. Apr 27, 1973

080041 420 UT1
Mosquito control for rural areas. Roberts, R S *Utah Mosquito Abatement Ass Proc* 25Th: 6-7. Apr 27, 1973

080042 420 UT1
Insecticide susceptibility of mosquitoes in California: effects of resistance upon operations, support, & research. Womeldorf, D J *Utah Mosquito Abatement Ass Proc* 25Th: 8-10. Ref. Apr 27, 1973

080043 41.9 V83
Use of sevin for treating cattle with Bovicola bovis infection. (Rus) Savchenko, V F *Vitebsk Vet Inst Uch Zap* 25: 37-40. 1972

080044 41.9 V83
Sevin used for control of Melophagus ovinus. (Rus) Petrova, E V *Vitebsk Vet Inst Uch Zap* 25: 45-50. 1972

080045 410 R92
Ectoparasites of Citellus undulatus with respect ot its epizootiological importance in Tuva. [Siphonaptera]. (Rus) Letov, G S *Zool Zh* 52 (4): 525-531. Map. Ref. Eng. Sum. Apr 1973

PESTICIDES — GENERAL

080046 15 AG84
A danger of phytosanitary treatments: Honey bees. [Apis mellifera]. (Spa) Asensio De La Sierra, E *Agric Rev Agropecu* 42 (490): 78-81. Feb 1973

080047 TD172.A7
Acccumulation of chlorine-36 ring-labeled DDT-residues in various tissues of two species of shrew. Forsyth, D J *Arch Environ Contam Toxicol* 1 (1): 1-17. Ref. Feb 1973

080048 TD172.A7
Uptake & biotransformation of phenylmercuric acetate by aquatic organisms. Fang, S C *Arch Environ Contam Toxicol* 1 (1): 18-26. Feb 1973

080049 TD172.A7
Establishment of reentry intervals for organophosphate-treated cotton fields based on human data. I. Ethyl – & methyl parathion. Ware, G W *Arch Environ Contam Toxicol* 1 (1): 48-59. Ref. Feb 1973

080050 TD172.A7
Worker environment research: dioxathion (Delnav) residues on & in orange fruits & leaves, in dislodgable particulate matter, & in soil beneath sprayed trees. Westlake, W E *Arch Environ Contam Toxicol* 1 (1): 60-83. Feb 1973

080051 TD172.A7
Persistence of parathion in six California soils under laboratory conditions. Iwata, Y *Arch Environ Contam Toxicol* 1 (1): 84-96. Ref. Feb 1973

080052 RC963.A1A7
Exposure of spraymen to pesticides. Wolfe, H R *Arch Environ Health* 25 (1): 29-31. July 1972

080053 381 AS7
Collaborative study of a gravimetric method for mercury in formulations containing chlorinated pesticides. Launer, J E *Ass Offic Anal Chem J* 56 (3): 572-575. May 1973

080054 381 AS7
Gas chromatographic determination of residues of methylcarbamate insecticides in crops as their 2,4-dinitrophenyl ether derivatives. Holden, E R *Ass Offic Anal Chem J* 56 (3): 713-717. May 1973

080055 381 AS7
Factors relating to completeness of solvent extraction of dieldrin from milk. [Pesticide residues]. Ang, C Y W *Ass Offic Anal Chem J* 56 (3): 718-720. May 1973

080056 381 AS7
Determination of several chlorinated pesticides by AOAC[Association of Official Analytical Chemists] multiresidue method with additional quantitation of perthane after dehydrochlorination: collaborative study. Krause, R T *Ass Offic Anal Chem J* 56 (3): 721-727. Ref. May 1973

080057 381 AS7
Comparative extraction of chlorinated hydrocarbon insecticides from soils 20 years after treatment. Nash, R G *Ass Offic Anal Chem J* 56 (3): 728-732. Ref. May 1973

080058 381 AS7
An isolation & cleanup procedure for low levels of organochlorine pesticide residues in fats & oils. Porter, M L *Ass Offic Anal Chem J* 56 (3): 733-738. May 1973

080059 381 AS7
Report on 15th & 16th Annual Meetings of Collaborative International Pesticides Analytical Council. Schechter, M S *Ass Offic Anal Chem J* 56 (3): 765-766. May 1973

080060 QH301.B55
Class Fungi Imperfecti as a source of new insecticidal compounds. Nemec, P *Biol Ser C Vseobecna Biol* 28 (3): 179-182. 1973

080061 SB950.A1B6
Index of authorized plant sanitary products. (Spa) *Bol Inf Plagas* 89, 115 P. Jan 1972

080062 384 B45
Investigations in field of dithiocarbamate fungicides. III. Reaction of ketone Mannich bases with dithiocarbamates & with carbon disulfide. (Ger) Matolcsy, G *Chem Ber* 106 (5): 1483-1486. Eng. Sum. 1973

080063 384 C4292
Environmental retention of 2,4,5-T preparations. (Ger) Jansen, W *Chem Tech Landwirtschaft* 24 (4): 108. Apr 1973

080064 41.8 EC7
Legislation of pesticides in agriculture. (Fre) Bouron, M *Econ Med Anim* 14 (1): 33-41. Jan/Feb 1973

080065 41.8 EC7
Uninteded effects of antiparasitic treatments: Physiopathological troubles induced in birds & mammals. [Insecticides]. (Fre) Ramade, F *Econ Med Anim* 14 (1): 43-49. Jan/Feb 1973

080066 41.8 EC7
Incidence of phytosanitary treatments on contamination of dariy products. (Fre) Hascoet, M *Econ Med Anim* 14 (1): 51-58. Jan/Feb 1973

080067 QL461.E532
Surfactants in water drown honey bees. [Apis mellifera, herbicides, toxicity]. Moffett, J O *Environ Entomol* 2 (2): 227-231. Apr 16, 1973

080068 QL461.E532
Bioactivity & translocation of carbofuran residues in mugho pine. [Rhyacionia buoliana, Pinus mugo]. Pree, D J *Environ Entomol* 2 (2): 262-267. Ref. Apr 16, 1973

080069 475 EX7
A survey on mutagenicity of various pesticides. [Plants]. Seiler, J P *Experientia* 29 (5): 622-623. Ref. May 15, 1973

080070 1 EX892EX
North Carolina oeganizes for Project Safeguard. [Pesticides]. Bay, O *Ext Serv Rev* 44 (3): 8-9. Mar 1973

080071 99.8 F7724
Results of supplementing 2,4,5 – T herbicide with synergist. (Ger) Muscheid, H *Forst-holzwirt* 28 (8): 152, 154-156. Apr 25, 1973

080072 80 G1948
Residue & toxicological problems arising from application of plant protection & growth regulators in fruit & vegetable production. (Ger) Beitz, H *Gartenbau* 20 (4): 106-109. Apr 1973

080073 298.8 G33
Contamination of cereals & flour with pest control products. (Ger) Stadelmann, W *Getreide Mehl Brot* 27 (3): 91. Mar 1973

080074 105.1 G344
New oscillopolarographic method for determination of thiophanate residues. (Fre) Martens, P H *Ghent Rijksfac Landbouwetensch Meded* 37 (2): 891-896. Eng. Sum. 1972

080075 307.8 G76
Residues of pesticides in edible fats. II. Elimination of chlorates insecticides during refination process. (Spa) Vioque, A *Grasas Aceites* 24 (1): 20-26. Eng. Sum. Jan/Feb 1973

080076 17 SCH9
100 Years of Siegfried in Zofingen. [Plant protection]. (Ger) Meyer, J *Grune* 101 (17): 627-633. Apr 27, 1973

080077 17 SCH9
Testing of secondary effect of plant protection products on useful Arthropoda. (Ger) Suter, H *Grune* 101 (20): 715-717. May 18, 1973

080078 100 H313 (1)
1972 Report of pesticides. *Hawaii Agr Exp Sta Bull* 176, 30 P. Feb 1973

080079 S592.5.O7
Insecticides [Soils, residues]. Edwards, C A *In Organic Chemicals in the Soil Environment* 2: 513-568. Ref. 1972

080080 389.8 K832
Food without pesticide residues – some opinions & experiences. (Ger) Scharfenstein, O H C *Indus Obst& Gemuseverwert* 58 (9): 239-240. May 3, 1973

080081 381 J8223
Residue determination of ethylenethiourea (2-imidazolidinethione) from tomato foliage, soil, & water. Blazquez, C H *J Agr Food Chem* 21 (3): 330-332. May/June 1973

080082 381 J8223
Juvenile hormone analogs as in vitro inhibitors of rat liver microsomal oxidases. Mayer, R T *J Agr Food Chem* 21 (3): 360-362. May/June 1973

080083 381 J8223
A screen for pesticide toxicity to protein & RNA synthesis in HeLa cells. Myhr, B C *J Agr Food Chem* 21 (3): 362-367. May/June 1973

080084 381 J8223
Determination of benomyl residues in soils & plant tissues by high-speed cation exchange liquid chromatography. Kirkland, J J *J Agr Food Chem* 21 (3): 368-371. May/June 1973

080085 381 J8223
Field desorption mass spectrometry of pesticides & their metabolites. Schulten, H R *J Agr Food Chem* 21 (3): 372-375. Ref. May/June 1973

080086 381 J8223
Metabolism & residues of temik aldicarb pesticide in cotton foliage & seed under field conditions. Andrawes, N R *J Agr Food Chem* 21 (3): 379-386. Ref. May/-June 1973

080087 381 J8223
Determination of carbofuran & 3-hydroxycarbofuran residues in small fruits. Williams, I H *J Agr Food Chem* 21 (3): 399-401. May/June 1973

080088 381 J8223
Certain physiological factors affecting organochlorine pesticide metabolism in ovine females. Varela-Alvarez, H *J Agr Food Chem* 21 (3): 407-411. Ref. May/-June 1973

080089 381 J8223
Tissue residue depletion of sulfaquinoxaline in turkey poults. [Coccidiosis, control]. Righter, H F *J Agr Food Chem* 21 (3): 412-413. Ref. May/June 1973

080090 381 J8223
Accumulation of mercury in tissues of cattle, sheep, & chickens given mercurial fungicide, panogen 15, orally. Wright, F C *J Agr Food Chem* 21 (3): 414-416. May/June 1973

080091 381 J8223
Metabolism of [14C] paraoxon with fractions & subfractions of rat liver cells. Lichtenstein, E P *J Agr Food Chem* 21 (3): 416-4249 ref. May/June 1973

080092 381 J8223
Metabolism of hexachlorocyclohexane to chlorophenols & effect of isomer pretreatment of lindane metabolism in rat. Freal, J J *J Agr Food Chem* 21 (3): 424-427. Ref. May/June 1973

080093 381 J8223
Gas chromatographic method for analysis of metaldehyde in crop tissue. Selim, S *J Agr Food Chem* 21 (3): 430-4339 May/June 1973

080094 381 J8223
Inorganic & organic bromide residues in food stuffs fumigated with methyl bromide & ethylene dibromide at low temperatures, [Peaches, cherries, apples, plums]. Dumas, T *J Agr Food Chem* 21 (3): 433-436. Ref. May/June 1973

080095 381 J8223
Quantitative determination of dimethyland trimethylamine in fish protein concentrate. Miller, A *J Agr Food Chem* 21 (3): 451-453. Ref. May/June 1973

080096 381 J8223
Parathion degradation in submerged rice soils in Philippines. Sethunathan, N *J Agr Food Chem* 21 (3): 504-506. Ref. May/June 1973

080097 381 J8223
Nature of carboxin (vitavax)-derived bound residues in barley plants. Chin, W T *J Agr Food Chem* 21 (3): 506-507. May/June 1973

080098 381 J8223
Metabolism of DDT in human embryonic lung cell cultures. North, H H *J Agr Food Chem* 21 (3): 509-510. May/June 1973

080099 475 J824
Detection of naturally fluorescent pesticides on silica gel layers. Mallet, V *J Chromatography* 79: 217-222. Ref. May 16, 1973

080100 44.8 J822
Interference of some pesticides in milk phosphatase pasteurization test. Kumar, P *J Dairy Sci* 56 (5): 553-557. Ref. May 1973

080101 QH540.J6
Chlorodioxins in pesticides, soils, & plants. Helling, C S *J Environ Qual* 2 (2): 171-178. Ref. Apr/June 1973

080102 QH540.J6
Microbial versus chemical degradation of malathion in soil. Walker, W W *J Environ Qual* 2 (2): 229-232. Ref. Apr/June 1973

080103 QH540.J6
Chlorinated hydrocarbon insecticide residues in crops & soil. Nash, R G *J Environ Qual* 2 (2): 269-273. Ref. Apr/June 1973

080104 QH540.J6
Pesticide volatilization as related to water loss from soil. Spencer, W F *J Environ Qual* 2 (2): 284-289. Ref. Apr/June 1973

080105 421 J826
Effect of Bacillus thuringiensis delta-endotoxin on an insect predator which has consumed intoxicated cabbage looper larvae. Yousten, A A *J Invertebrate Pathol* 21 (3): 312-314. May 1973

080106 QH1.K32
Pesticides & environment. Neufeld, G *Kans Sch Nat* 19 (4), 15 P. Apr 1973

080107 474 K842
Do we have to live with pesticides? (Ger) Krampitz, G *Kosmos* 69 (5): 212-215. May 1973

080108 QP981.T6K4
Fate of insecticides in tobacco plants & factors influence ing their levels in tobacco products. Dorough, H W *Ky Univ Tob Health Res Inst Conf Rep* 4: 796-828. 1973

080109 SB599.L35
Influence of control of Hodotermes mossambicus on plant cover in a northern Transvaal bushveld area. (Afr) Pretorius, L M *Landbouwet S-Afr Agric Sci S Afr Phytophylactica* 4 (2): 45-49. Eng. Sum. 1972

080110 286.89 C16
Nematicides in soil environment. Marks, C F *Lighter* 43 (2): 18-20. Spring 1973

080111 58.8 D81
2,4,5-tpreparation & its behavior in environment. (Ger) Jansen, W *Lohnunternehmen LandForstwirtsch* 28 (2): 46, 48-50. Feb 1973

080112 79.8 L91
DDT: a word in its defense. (Ita) Talentoni, G *Lotta Antiparassitaria* 24 (9): 10-11, 14. Sept 1972

080113 450 M994
Diversity in soil fungi as influenced by DDT. Boyer, M G *Mycopathol Mycol Appl* 49 (4): 255-262. Ref. Apr 30, 1973

080114 275.29 N811EX
Protective clothing for hazardous pesticides. Baker, J R *N C Univ Ext Ext Folder* 308, 4 P. Mar 1973

080115 442.9 B832
Algicidal effect of chemical substances. (Ger) Marck, E *Nachrichtenbl Deut Pflanzenschutzdienstes* 25 (3): 37-40. Mar 1973

080116 11 N8122
Small rise & small annual variation in use of pesticides. (Nor) Bylterud, A *Norsk Landbruk* 4: 14-15, 31. Feb 22, 1973

080117 11 N8122
Prohibition against pesticides in agriculture will mean an economic catastrophe for foodstuffs. (Nor) *Norsk Landbruk* 5: 20, 25, 38. Mar 8, 1973

080118 99.8 N815
Water pollution as a result of spraying with 2,4,5-T to control underbrush. (Nor) Bylterud, A *Norsk Skogbruk* 19 (2): 51-52. Feb 1973

080119 500 P383
Effects of 2,4,5-trichlorophenoxyacetic acid on Drosophila melanogaster. 1. Genotypic response. Novy, D S *Penn Acad Sci Proc* 46: 21-22. 1972

080120 SB951.P43
Evaluation of drat, an anticoagulant rodenticide. Chaturvedi, G C *Pesticides* 6 (12): 64-65, 73. Dec 1972

080121 SB951.P43
Prospects of pesticides in Indian agriculture. Srivastava, S K *Pesticides* 6 (12): 66-68. Dec 1972

080122 SB951.P43
Pesticides residues in foods – their need, present status & principles for laying down tolerance. Chadha, D S *Pesticides* 6 (12): 83-87, 96. Dec 1972

080123 464.9 P482
Notable advances in development of mercury-free pesticides. [Agriculture]. (Ger) Zwatz, B *Pflanzenarzt* 26 (2): 15-17. Feb 1973

080124 S590.P6
A neutron-activation analysis of lindane & DDt residual concentrations in soil samples. (Bul) Gunchev, Kh *Pochvozn Agrokhim* 8 (1): 77-86. Eng. Sum. 1973

080125 47.8 AM33P
Effect of force milting & induced hyperthyroidism on depletion of DDT residues from laying hen. Lillard, D A *Poultry Sci* 52 (1): 222-228. Ref. Jan 1973

080126 47.8 AM33P
Studies on reproductive performance & progeny performance of caged White Leghorns fed malathion & carbaryl. Lillie, R J *Poultry Sci* 52 (1): 266-272. Ref. Jan 1973

080127 47.8 AM33P
Dietary calcium DDT source & age of hen on reproductive performance of caged White Leghorns fed DDT. Lillie, R J *Poultry Sci* 52 (2): 636-644. Mar 1973

080128 47.8 AM33P
Changes in egg shell quality & pesticide content of laying hens or pullets fed DDT in high or low calcium diets. Cecil, H C *Poultry Sci* 52 (2): 648-653. Mar 1973

080129 23 Q37
Effects of a spray-on suckercide & a complete fertilizer on some characteristics of slue-cured tobacco in south-eastern Queensland. Dean, J C *Queensland J Agr Anim Sci* 29 (4): 241-253. Dec 1972

080130 389.9 R314
Polychlorinated biphenyls: occurrence & biological effects. Peakall, D B *Residue Rev* 44: 1-21. Ref. 1972

080131 389.9 R314
Evaluation of human health hazards on use of dichlorvos (DDVP), especially in resin strips. Gillett, J W *Residue Rev* 44: 115-159. Ref. 1972

080132 389.9 R314
Comment on distinction between hazard & safety in evaluation of human health hazards on use of dichlorvos, especially in resin strips. Gillett, J W *Residue Rev* 44: 161-184. Ref. 1972

080133 389.9 R314
DDT residues in marine phytoplankton. Cox, J L *Residue Rev* 44: 23-38. Ref. 1972

080134 389.9 R314
Regulation of pesticides in Argentina. Locatelli, M *Residue Rev* 44: 39-64. 1972

080135 389.9 R314
Guidelines for environmental study of pesticides: determination of bioconcentration potential. Kenaga, E E *Residue Rev* 44: 73-113. Ref. 1972

080136 S592.7.A1S6
Microbial degradation of several acetamide, acylanilide, carbamate, toluidine & urea pesticides. Kaufman, D D *Soil Biol & Biochem* 5 (3): 297-308. Ref. May 1973

080137 S592.7.A1S6
Effect of heptachlor on numbers of bacteria, actinomycetes & fungi in soil. Shamiyeh, N B *Soil Biol & Biochem* 5 (3): 309-314. Ref. May 1973

080138 410.9 P21
Contamination of Camargue water environments by residues of plant protection products. (Fre) Heurteaux, P *Terre Vie* 1: 33-61. Map. Ref. Eng. Sum. 1973

080139 HD9130.1.T6
Evaluation of four analytical methods for determining TDE & DDT in tobacco. Domanski, J J *Tob Sci* 16: 157-169. 1972

080140 11 UP62
Residues of diquat in seeds of spring rape after dessication. (Swe) Ohlsson, I *Uppsala Lantbrukshogsk Medd Ser A* 191, 17 P. Ref. Eng. Sum. 1973

080141 64.8 Z12
Evaluation of pesticides from work hygiene point of view. (Cze) Cakrtova, E *Uroda* 21 (2): 76-79. 1973

080142 420 UT1
Pesticides in Utah's water: A Preliminary report. Southwick, J W *Utah Mosquito Abatement Ass Proc* 25Th: 11-12. Apr 27, 1973

080143 389.8 V26
Residues of organochlorine pesticiedes & certain organophosphorus pesticides in fruits, berries, vegetables, & roots, 1968 – June 1972. (Swe) Westoo, G *Var Foda* 25 (Suppl. 1), 44 P. Eng. Sum. 1973

080144 41.8 V6416
Residues of organi-chlorine pesticides in samples of milk produced in Slovenia. Komar, M *Vet Arh* 42 (7/8): 209-212. 1972

080145 41.8 V6426
Isolation of Dursban & diazinon from milk. (Rus) Leshchev, V V *Veterinariia* 10: 114-115. Oct 1972

080146 389.8 V89
Particular distribution of some pesticides in lipid fractions of liver. [Rats]. (Rus) Kuzminskaia, U A *Vop Pitan* 31 (5): 48-52. Ref. Eng. Sum. Sept/Oct 1972

080147 389.8 V89
Hygienic evaluation of DDVP in grain & grain products. (Rus) Sasinovich, L M *Vop Pitan* 31 (5): 60-63. Eng. Sum. Sept-/Oct 1972

080148 389.8 V89
Colorimetric determination of quanitity of polychloropinene residues in potatoes. (Rus) Kuchinskii, A L *Vop Pitan* 31 (5): 91-93. Sept/Oct 1972

080149 275.29 W27MI
Insecticide toxicity to honey bees. [Apis mellifera]. Johansen, C *Wash State Univ Ext Em* 2805, Rev., 2 P. Feb 1973

080150 275.29 W27MI
Health hazards. [Pesticides]. *Wash State Univ Ext Em* 3300, Rev., 10 P. Mar 1973

080151 79.8 W41
Interaction of propanil with insecticides absorbed from soil & translocated into rice plants. El-Refai, A R *Weed Sci* 21 (3): 246-248. Ref. May 1973

080152 72.8 W522
Herbicide residues. Wiese, A F *West Cotton Prod Conf Sum-proc* P. 57-60. 1973

080153 421 Z36
Invivo & in vitro anticholinesterase activity of Matacil & Dursban in relation to temperature. [Apis mellifera]. El-Sayed, A M K *Z Angew Entomol* 73 (2): 132-136. May 1973

GENERAL ENTOMOLOGY

080154 QL508.A2A2
Photoperiodic regulation of temperature requirements in crowded African migratory locusts (Locusta migratoria migratorioides, R. & F.). II. Increasing & decreasing photoperiods & mortality. Albrecht, F O *Acrida* 2 (2): 25-52. Apr/June 1973

080155 QL508.A2A2
Relationship of locust species to locustol. [Acridicae]. Nolte, D J *Acrida* 2 (2): 53-60. Ref. Apr/June 1973

080156 QL508.A2A2
Relationships between melanin & locustol of locusts. [Acrididae]. Nolte, D J *Acrida* 2 (2): 61-67. Apr/June 1973

080157 QL508.A2A2
Complementary observations on geographic distribution & parasitic specificity of Gregarina acridiorum Leger, 1893 (Eugregarina, Gregarinidae). (Fre) Corbel, J C *Acrida* 2 (2): 69-75. Ref. Eng. Sum. Apr/June 1973

080158 QL508.A2A2
Prelimanary notes on genitalia of Proscopoidea (Orthoptera Acridomorpha). (Fre) Descamps, M *Acrida* 2 (2): 77-95. Ref. Eng. Sum. Apr/June 1973

080159 SB731.A3
Studies on mass rearing of Acanthoscelides obtectus Say (Coleoptera, Bruchidae). [Beans, pests]. Szentesi, A *Acta Phytopathol* 7 (4): 456-465. 1972

080160 QL1.A25
On morphology & sex appendages of whirligig beetles (Gyrinidae). Tranda, E *Acta Zool Cracov* 13: 141-158. Ref. 1968 Transl. 1972

080161 8 AG839
Study of Trialeurodes vaporariorum (Westwood) in Morelos State. (Spa) Roque, F H *Agric Tec Mex* 3 (5): 165-172. Eng. Sum. July 1972

080162 442.9 AK132
On ecology of some little-studied species of Hemiptera in Azerbaijan. (Rus) Gidaiatov, D A *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 3: 85-88. 1972

080163 511 AK192D
Dependence of induced mutations of Drosophila melanogaster upon action of ethylenemine combination with natrium deoxicholate & upon composition of mineral feeding mediu (Rus) Baranauskaite, A *Akad Nauk Litov Ssr Darbai Tr Ser C* 1 (57): 131-140. Ref. Eng. Sum. 1972

080164 511 AK192D
Pedobiological characteristics of some soils in Lithuanian SSR. 10. Distribution of oribatids. (Rus) Eitminavicuite, I *Akad Nauk Litov Ssr Darbai Tr Ser C* 1: 109-117. Ref. Eng. Sum. 1973

080165 511 AK192D
Pedobiological characteristics od some soils in the Lithuanian SWR. 11. Distribution of Collembola. (Rus) Sukackiene, I *Akad Nauk Litov Ssr Darbai Tr Ser C* 1: 119-132. Ref. Eng. Sum. 1973

080166 511 AK192D
Pedobiological characteristics of some soils in the Lithuanain SSR. 12. Distribution of insect larvae. (Rus) Strazdiene, V *Akad Nauk Litov Ssr Darbai Tr Ser C* 1: 133-143. Ref. Eng. Sum. 1973

080167 511 AK192D
Tritneptis sp. (Hymenoptera, Pteromalidae), parasite of Lygaeonematus abietinus Christ. (Rus) Jonaitis, V *Akad Nauk Litov Ssr Darbai Tr Ser C* 1: 145-152. Ref. Eng. Sum. 1973

080168 511 AK192D
Pedogiological characteristics of some soils in Lithuannian SSR. 9. Distribution of earthworms, molluscs & centipedes. (Rus) Atlavinyte, O *Akad Nauk Litov Ssr Darbai Tr Ser C* 1: 93-108. Ref. Eng. Sum. 1973

080169 511 AK192D
Specific induction of mutations & modification of ethylenemine mutagenous effect in drosophile under influence of ethylenediaminetetraacetate. [Drosophila melanogaster]. (Rus) Baranauskaite, A *Akad Nauk Litov Ssr Darbai Tr Ser C* 2 (58): 107-113. Ref. Eng. Sum. 1972

080170 436.9 AK1
Intermediate hosts of Filaria & their ecological relationships with definitive hosts. [Ticks, Diptera]. (Rus) Sonin, M D *Akad Nauk Sssr Gelmintol Lab Tr* 23: 159-174. Ref. 1973

080171 436.9 AK1
Aquatic insects of Karasuk lake system as additional trematode hosts. (Rus) Iliushina, T L *Akad Nauk Sssr Gelmintol Lab Tr* 23: 55-64. Ref. 1973

080172 410 M58
Color polymorphism in some North American philaenus spumarius (Homoptera: Aphrophoridae) populations. Thompson, V *Amer Midland Natur* 89 (2): 348-359. Ref. Apr 1973

080173 410 M58
Life history of alderfly, Sialis aequalis banks, in an acid mine stream. Woodrum, J E *Amer Midland Natur* 89 (2): 360-368. Ref. Apr 1973

080174 410 M58
Pollination of typically anemophilous salt marsh plants by bumble bees, Bombus terricola occidentalis Grne. Pojar, J *Amer Midland Natur* 89 (2): 448-451. Ref. Apr 1973

080175 410 M58
Wasps as a defense mechanism of katydids. [Ancistrocercus inficitus]. Downhower, J F *Amer Midland Natur* 89 (2): 451-455. Apr 1973

080176 470 SI2
Phototaxis in Drosophila: a critical evaluation. Rockwell, R F *Amer Sci* 61 (3): 339-345. Ref. May/June 1973

080177 389.8 AN73
Adenylic nucleotides in Drosophila: Evolution of adenosine triphosphates-adenosine pyrophosphates on larvae deprived of food & on larvae fed again. (Fre) Guillet, C *Ann Nutr Aliment* 26 (6): 251-262. Ref. 1972

080178 396.8 AN7
Application of chironom larva comparative toxicity appreciation method to talcs containing hexachlorophene. (Fre) Kiger, J L *Ann Pharm Franc* 31 (1): 37-44. Eng. Sum. 1973

080179 QL752.A1A5
Observations on state of reproductive organs of females of Dacus oleae (Diptera, Trypetidae) captured in flycatchers during one year. (Fre) Stavrakis, G N *Ann Zool Ecol Anim* 5 (1): 111-117. Eng. Sum. 1973

080180 QL752.A1A5
A method to sort adults & brood from materials of their nests in ant societies (Hymenoptera, Formicidae). (Fre) Benois, A *Ann Zool Ecol Anim* 5 (1): 129-137. Eng. Sum. 1973

080181 QL752.A1A5
Voltinism, diapause & sex-ratio of Chrysopa perla (l.) (Neuroptera, Chrysopidae) in southwest of France. (Fre) Canard, M *Ann Zool Ecol Anim* 5 (1): 29-37. Ref. Eng. Sum. 1973

080182 QL752.A1A5
Influence of a single addition of yeast hydrolysate to diet on fecundity of Dacus oleae Gmel. (Diptera Trypetidae). (Fre) Fytizas, E *Ann Zool Ecol Anim* 5 (1): 39-44. Eng. Sum. 1973

080183 QL752.A1A5
Ecology of artichoke apion, Apion carduroum var. galactititis Wenck, on Mediterranean shore. (Fre) Pralavorio, B *Ann Zool Ecol Anim* 5 (1): 45-67. Ref. Eng. Sum. 1973

080184 QL752.A1A5
Action of densonucleosis virus on formation of genital organs & gametogenesis of Galleria mellonella L., Lepidoptera. (Fre) Boemare, N *Ann Zool Ecol Anim* 5 (1): 81-97. Ref. Eng. Sum. 1973

080185 QL752.A1A5
Histological & cytological study of a nuclear polyhedrosi of fall webworm (Hyphantria cunea Frury), Lepidop tera Arctiidae. (Fre) Injac, M *Ann Zool Ecol Anim* 5 (1): 99-109. Ref. Eng. Sum. 1973

080186 421 AN9
Parasitoid wasps as flower visitors in Canadian High Arctic. Kevan, P G *Anz Schadlingsk Pflanzenschutz* 46 (1): 3-7. Ref. Jan 1973

080187 410 AR27
AMP-ase activity in wing disk & mesothoracic leg disk of some dipteran larvae. Majoor, G D *Arch Neer Zool* 23 (1): 111-117. Mar 1973

080188 410 AR27
Presence & accessibility of food for Hypogastrura viatica Tullb. 1872 (Collembola-Hypogastruridae). Kraan, C van der *Arch Neer Zool* 23 (1): 125-129. Mar 1973

080189 410 AR24
Caryological study of Jaera (albifrons) ischiosetosa (Crustacea, Isopoda). I. Robertsonian chromosomal polymorphism in three populations from Iceland. (Fre) Lecher, P *Arch Zool Exp Gen* 113 (3): 439-450. Map. Ref. Eng. Sum. 1972

080190 410 AR24
Evolutive parallelism in two twin species of Drosophila: Geographical races from France & Equatorial Africa of Drosophila melanogaster & Drosophila simulans. (Fre) David, J *Arch Zool Exp Gen* 113 (3): 451-463. Ref. Eng. Sum. 1972

080191 410 AR24
An analysis of differences of size (T) & shape (Sneath's dh method): Comparison between individuals & between mean characteristics in populations of Pyrgus carlinae & Pyrgus cirsii (Lepidoptera, Hesperiidae). (Fre) Guillaumin, M *Arch Zool Exp Gen* 113 (3): 465-488. Eng. Sum. 1972

080192 410 AR24
Histophysiological data on mineral & puric accumulations in Thysanoures. (Insecta, Asterygota). (Fre) Martoja, R *Arch Zool Exp Gen* 113 (4): 565-578. Ref. Eng. Sum. 1972

080193 410 AR24
A biometrical study of populations of Pyrgus carlinae Rbr. & Pyrgus cirsii Rbr. (Lepidoptera hesperiidae) a simplified method to evaluate overlapping rate in statistical distributions of two populations, by reference to no (Fre) Guillaumin, M *Arch Zool Exp Gen* 113 (4): 579-606. Eng. Sum. 1972

080194 410 AR24
A description of cephalic endoskeleton in Hemioniscus balani Buchholz (Isopoda, Epicaridea). (Fre) Goudeau, M *Arch Zool Exp Gen* 113 (4): 607-617. Eng. Sum. 1972

080195 410 AR24
An autoradiographic study of synthesis of nucleic acids in polyploid cells of anilocra physodes. (Crust. Isop.). (Fre) Di Castro, M *Arch Zool Exp Gen* 113 (4): 619-627. 113 (4): 619-627.

080196 QL541.A7
Moths with pollinia from butterfly orchid. [Platanthera chlorantha, Lepidoptera, pollination]. (Nor) Mehl, R *Atalanta* 2 (1): 17-22. Eng. Sum. Dec 1972

080197 TD881.A8
Kraft mill fallout & ground beetle poplulations. [Carabidae, air pollution]. Freitag, R *Atmos Environ* 7 (5): 587-588. May 1973

080198 442.8 AU72
Enzyme activity of cytochrome system of egg & larva of cattle tick (Boophilus microplus). Shanahan, A G *Australian J Biol Sci* 26 (2): 453-463. Ref. Apr 1973

080199 QR73.B5
Studies of a homologous gene-enzyme system, esterase C, in Drosophila melanogaster & Drosophila simulans. Triantaphyllidis, C D *Biochem Genet* 8 (4): 383-390. Apr 1973

080200 381 B522
Triglyceride digestion & absorption in locust, locusta migratoria. Weintraub, H *Biochim Biophys Acta* 306 (1): 31-41. Ref. Apr 13, 1973

080201 381 B522
Chromatin of Drosophila [hydei]: isolation & characterization of chromatin of two larval cell types. Helmsing, P J *Biochim Biophys Acta* 308 (1): 154-160. Ref. Apr 21, 1973

080202 QL1.B5
Influence of sodium fluoride on behaviour of caterpillars Scotia segetum Den. Et Schiff. Weismann, L *Biol Ser B Zool* 28 (2): 105-109. 1973

080203 QL1.B5
Protein spectra of mosquitoes Culex pipiens molestus during their developnent. Paulov, S *Biol Ser B Zool* 28 (2): 111-114. Ref. 1973

080204 QL1.B5
Metabolic pool of free aminoacids in muscles of cockchafer, Melolontha melolontha under conditions of starvation. Veselovsky, J *Biol Ser B Zool* 28 (2): 115-119. 1973

080205 442.8 B5229
Thermoreception of bug Oncopeltus fasciatus. (Cro) Cokl, A *Biol Vest* 20: 39-45. Ref. Eng. Sum. 1972

080206 442.8 B5229
Analysis of acoustic signals of bug Nezara viri dula. (Cro) Cokl, A *Biol Vest* 20: 47-53. Ref. Eng. Sum. 1972

080207 442.8 B5229
Description of larva & nymph of tick Ixodes gibbosus Nuttall, 1916. Cerny, V *Biol Vest* 20: 73-77. 1972

080208 442.8 B5229
Ecology of tick Ixodes gibossus nuttal, 1916 on Island of Brac (Yugoslavia). Tovornik, D *Biol Vest* 20: 89-94. 1972

080209 TD201.V57
Effects of Radford Army Ammunition Plant wastes on bottom fauna in New River, Virginia. [Insects]. Holliman, R B *Bull Water Resour Res Cent Va Polytech Inst State Univ* 57: 5-18. Apr 1973

080210 420 C12
Net-winged midges or Blephariceridae of California. Hogue, C L *Calif Insect Surv Bull* 15, 83 P. Ref. 1973

080211 443.8 C16
An analysis of chromosomal complements of some Orthoptera of Quebec & its taxonomic & evolutionary significance. (Fre) Beaudry, J R *Can J Genet Cytol* 15 (1): 155-170. Ref. Eng. Sum. Mar 1973

080212 443.8 C16
Chromosome evolution: repetitive euchromatic chromosomal segments in Hawaiian Drosophila. Yoon, J S *Can J Genet Cytol* 15 (1): 171-175. Mar 1973

080213 443.8 C16
Fifty per cent time to pupation as a measure of developmental time in Tribolium. Yamada, Y *Can J Genet Cytol* 15 (1): 223-226. Mar 1973

080214 443.8 C16
Sex-linked translocations, semisterility & linkage alterations in mosquito Aedes aegypti. [Genetic control]. Bhalla, S C *Can J Genet Cytol* 15 (1): 9-20. Ref. Mar 1973

080215 470 C16D
Increase in fertility, with repeated mating, of gamma irradiated male codling moths, Laspeyresia pomonella (L.) (Lepidoptera: Olethreutidae). Robinson, A S *Can J Zool* 51 (4): 427-430. Ref. Apr 1973

080216 470 C16D
Morphology & histology of antenna of male eastern spruce budworm, Choristoneura fumiferana (Clem.) (Lepidoptera: tortricidae). Albert, P J *Can J Zool* 51 (4): 443-448. Ref. Apr 1973

080217 470 C16D
Laboratory investigation of secondary attraction in Gnathotrichus sulcatus (Coleoptera: Scolytidae). Borden, J H *Can J Zool* 51 (4): 469-473. Ref. Apr 1973

080218 470 C16D
Intranuclear occurrence & fine structural details of schizonts of Perezia fumiferanae (Microsporida: Nosematidae) in cells of Choristoneura fumiferana (Clem.) (Lepidoptera: Tortricidae). Percy, J *Can J Zool* 51 (5): 553-554. May 1973

080219 510 P886C
Collection of two-wing insects (Insecta, Diptera) in Natural History Museum NM in Prague. (Cze) Moucha, J *Cas Nar Muz, Oddil Prirodoved* 141 (1/2): 108-110. 1972

080220 442.8 C46
Synthesis & characterization of amplified DNA in oocytes of house cricket, Acheta domesticus (Orthoptera: Gryllidae). Cave, M D *Chromosoma* 42 (1): 1-22. Ref. 1973

080221 444.8 C73
Free amino acids in haemolymph & venom of oriental hornet, Vespa orientalis. Ikan, R *Compar Biochem Physiol* 44 (4b): 949-952. Ref. Apr 15, 1973

080222 444.8 C73
Bicarbonate ions & resting potential of cockroach muscle: implications for development of suitable saline media. Wareham, A C *Compar Biochem Physiol* 45 (2A): 239-246. Ref. June 1, 1973

080223 444.8 C73
Effects of high concentrations of sodium in drinking medium of american cockroach Periplaneta americana (L). Heit, M *Compar Biochem Physiol* 45 (2A): 363-370. Ref. June 1, 1973

080224 444.8 C73
Changes in palp tip sensilla of Locusta migratoria in relation to feeding: effects of different levels of hormone. Bernays, E A *Compar Biochem Physiol* 45 (2A): 451-454. June 1, 1973

080225 444.8 C73
A review & comparative characterization of fatty acid compositions of seven insect orders. Thompson, S N *Compar Biochem Physiol* 45 (2B): 467 – 482. Ref. Jun 15, 1973

080226 444.8 C73
Localization & quantification of glycoglen in tsetse fly (Glossina morsitans) & blowfly (Chrysomyia putoria). D'costa, M A *Compar Biochem Physiol* 45 (2B): 483-485. Ref. Jun 15, 1973

080227 444.8 C73
Studies on acarine cuticles. I. Cuticular pores in a marine mite. [Copidognathus curtus]. Crowe, J H *Compar Biochem Physiol* 45 (3a): 757-766. Ref. July 1, 1973

080228 SB245.A1C6
Migratory flights of Dysdercus voelkeri Schmidt (Hemiptera Pyrrhocoridae) in Ivory Coast. I. endogen fundamental rhythm. Duviard, D *Coton Fibres Trop (Engl Ed)* 27 (4):, 12 P. 1972

080229 73.8 C82
Migratory flights of Dysdercus volkeri Schmidt (Hemiptera: Pyrrhocarridal) in Ivory Coast. I. endogenic fundamental rhythm. (Fre) Duviard, D *Coton Fibres Trop* 27 (4): 379-388. Ref. Eng. Sum. Dec 1972

080230 QH540.E3
Collembola & other microarthropods in high mountain regions of Ala-Tau (western part of Terskey mountain range). (Rus) Vtorov, P P *Ekologiia* 4: 101-102. 1972

080231 QH540.E3
Ecological aspects of virus infection in insects. (Rus) Gulii, V V *Ekologiia* 4: 32-38. Ref. 1972

080232 QH540.E3
Respiration features of Pieris brassicae (L.) at different stages of larval development. (Rus) Tikhonravova, N M *Ekologiia* 4: 39-42. Ref. 1972

080233 500 EL4
Eyeless beetles of North Carolina with notes on their ecology & evolution (Insecta: Coleoptera). Cornell, J F *Elisha Mitchell Sci Soc J* 88 (4): 260-265. Ref. Winter 1972

080234 420 N38B
A note on how to prepare insect genitalia without loss of stomach contents for pollen analytical research. Willemstein, S C *Entomol Ber (amsterdam)* 33 (4): 69. Apr 1, 1973

080235 421 EN86
Morphology of salivary glands in Mantodea (Dictyoptera). Mkhize, S B V *Entomol Mon Mag* 108 (1298/1300): 173-176. July/Sept 1972 (Pub. 1973)

080236 420 EN822
An unusual colourmorph of Melanoplus fasciatus (F. Walker) (Orthoptera: Acrididae) from Mount Albert, Gaspesian Park, Quebec. Johnstone, D E *Entomol Soc Quebec Ann* 18 (1): 41-48. Jan 1973

080237 421 EN8
Notes on biology of Palaearctic Muscids. Skidmore, P *Entomologist (london)* 106 (1317): 25-48. Feb 1973

080238 421 EN8
Notes on biology of Palaearctic muscids (2). Skidmore, P *Entomologist (london)* 106 (1318): 49-71. Mar 1973

080239 QL461.E53
Predatory Syrphidae. (Fre) Lyon, J P *Entomops* 29: 129-134. Apr 15, 1973

080240 QL461.E532
Accumulation of fluorides by insects near an emission source in western Montana. Dewey, J E *Environ Entomol* 2 (2): 179-181. Apr 16, 1973

080241 QL461.E532
Rearing & biology of horn fly in laboratory: effects of density on survival & fecundity of adults. [Haematobia irritans]. Schmidt, C D *Environ Entomol* 2 (2): 223-224. Apr 16, 1973

080242 QL461.E532
Biology of Chelinidae vittiger with notes on its host-plant relationships & value in biological weed control. [Opuntia vaseyi]. Devol, J E *Environ Entomol* 2 (2): 231-240. Ref. Apr 16, 1973

080243 QL461.E532
Evidence for accumulation of atmospheric lead by insects in areas of high traffic density. Giles, F E *Environ Entomol* 2 (2): 299-300. Apr 16, 1973

080244 QP501.E8
Purification & properties of a phenol oxidase from blowfly Calliphora erythrocephala. Munn, E A *European J Biochem* 35 (1): 3-10. Ref. May 15, 1973

080245 442.8 EX7
Changes caused by air-drying & alcohol dehydration of spread insect sperm & fungal spore chromosome fibres. [Schizophyllum commune, drosophila melanogaster]. Haapala, O K *Exp Cell Res* 79 (1): 235-239. Ref. Apr 1973

080246 436.8 EX7
Survival of Toxoplasma gondii in mosquito cell lines & establishment of continuous infection in vero cell cultures. [Aedes, Culex, Anopheles stephensi]. Buckley, S M *Exp Parasitol* 33 (1): 23-26. Feb 1973

080247 475 EX7
Chemical expression of a sexual dimorphism in tubular scent glands of milkweed bug Oncopeltus fasciatus (Dallas) (Heteroptera; Lygaeidae). Games, D E *Experientia* 29 (5): 532-533. Ref. May 15, 1973

080248 475 EX7
Lethality: dependence on developmental rate in X-irradiated pupae of Tribolium. Soliman, M H *Experientia* 29 (5): 550-551. Ref. May 15, 1973

080249 475 EX7
Role of sex pheromone, & its insignificance for heterosexual & homosexual behaviour of larch bud moth. Benz, G *Experientia* 29 (5): 553-554. May 15, 1973

080250 475 EX7
Role of nutrition & endocrine activity in development of eggs in Culex fatigans. Banerjee, S *Experientia* 29 (5): 616-617. May 15, 1973

080251 475 EX7
Effect of diet on response to juvenile hormone in Galleria mellonella larvae. Reddy, G *Experientia* 29 (5): 621-622. Ref. May 15, 1973

080252 475 EX7
French bean seed coat as an ovipositional attractant for pulse beetle, Callosobruchus maculatus (Fabricius). Gokhale, V G *Experientia* 29 (5): 630-631. May 15, 1973

080253 475 EX7
Regeneration of Drosophila melanogaster male leg disc fragments in sugar fed female hosts. Schubiger, G *Experientia* 29 (5): 631-632. May 15, 1973

080254 475 EX7
A technique for improving salivary chromosome preparations. [Drosophilidae]. Yoon, J S *Experientia* 29 (5): 639-641. May 15, 1973

080255 442.8 F27
Rhythmics of Plecoptera in Messaure district. (Swe) Muller, K *Fauna Flora (uppsala)* 67 (5): 191-195. Ref. Nov 1972

080256 442.8 F27
Incubation, diurnal, & yearly rhythms in blackfly (Diptera, Simuliidae) at Arctic Circle. (Swe) Kureck, A *Fauna Flora (uppsala)* 67 (5): 196-199. Eng. Sum. Nov 1972

080257 448.3 C332
Phospholipase C of Pseudomonas chlororaphis & its toxicity for insects. Lysenko, O *Folia Microbiol* 18 (2): 125-132. Ref. 1973

080258 99.8 SH65
Some analytical results on larva density of Cantarinia inouyei & its rate of emergence. (Jap) Nagai, S *For Prot (tokyo)* 22 (2): 12-18. Feb 1972

080259 60.8 F742
A new incubation system for leaf-cutter bees. Cooke, D A *Forage Notes (Ottawa)* 18 (1): 44-45. Spring 1973

080260 QD415.F4
Adenyl cyclase variation during development of insect Ceratitis capitata. Castillon, M P *FEbs Lett (fed Eur Biochem Soc)* 32 (1): 113-115. Ref. May 15, 1973

080261 444.8 G28
Incorporation of cysteine into cerebral neurosecretory system of adult desert locusts. [Schistocerca gregaria]. Luntz, A J M *Gen Compar Endocrinol* 20 (2): 351-357. Ref. Apr 1973

080262 443.8 G28
Chromosomal polymorphism in Drosophila subobscura populations from madeira Island. Prevosti, A *Genet Iber* 24 (1/2) 11-21. Ref. 1973

080263 443.8 G28
Contribution to study of chromosomal polymorphism in Spanish populations of Drosophila subobscura. Frutos, R de *Genet Iber* 24 (1/2): 123-140. Map. Ref. 1972

080264 443.8 G283
Sex ratio distortion & semi-sterility in progeny of irradiated Glossina morsitans. Curtis, C F *Genet Res* 21 (2): 153-165. Ref. Apr 1973

080265 442.8 G28
Complementation analysis of male fertility among segregation distorter chromosomes of Drosophila melanogaster. Hartl, D L *Genetics* 73 (4): 613-629. Ref. Apr 1973

080266 442.8 G28
Meiotic behavior of asymmetric dyads in male Drosophila. [Melanogaster]. Zimmering, S *Genetics* 73 (4): 631-638. Ref. Apr 1973

080267 442.8 G28
Evidence for linkage disequilibrium maintained by selection in two natural populations of Drosophila subobscura. Zouros, E *Genetics* 73 (4): 659-674. Ref. Apr 1973

080268 QH431.A1G4
Concentration of chromosomes with lethal & semilethal mutations in inbred selecting stocks 'La' & 'Ha' of Drosophila melanogaster. (Rus) Kirpichnikova, E V *Genetika* 9 (4): 162-164. Eng. Sum. Apr 1973

080269 QH431.A1G4
Somatic crossing-over in Drosophila melanogaster induced by ethylmethanesulphonat (EMS) affecting male & female gametes. (Rus) Dzhmukhadze, N F *Genetika* 9 (4): 26-29. Eng. Sum. Apr 1973

080270 410 G79
Notes on nesting behavior of Steniolia elegans (Hymenoptera: Sphecidae). Evans, H E *Great Basin Natur* 33 (1): 29-30. Mar 31, 1973

080271 410 G79
Two new species of Gymnodamaeus from Colorado (Acarina: Cryptostigmata, Gymnodamaeidae). Woolley, T A *Great Basin Natur* 33 (1): 37-42. Mar 31, 1973

080272 QL461.M5
John White's drawings of Papilio glaucus L. (Lepidoptera: Papilionidae): new light on 'first American butterfly' & problem of Glaucus versus Antilochus L. part i: White to Moffet. Wilkinson, R S *Great Lakes Entomol* 6 (1): 15-18. Ref. Spring 1973

080273 385 H36
Identification of six trail pheromones of ant species Lasius fuliginosus. (Ger) Huwyler, S *Helv Chim Acta* 56 (3): 976-977. Eng. Sum. Jan 1973

080274 442.8 H42
Amplification of ribosomal DNA in Acheta. III. release of DNA copies from chromomeres. Lima-De-Faria, A *Hereditas* 73 (2): 163-183. Ref. 1973

080275 442.8 H42
Amplification of ribosomal DNA in Acheta. IV. number of cistrons for 28S & 1,S ribosomal RNA. Pero, R *Hereditas* 73 (2): 195-210. Ref. 1973

080276 442.8 H42
6-Azauracil induced phenocopies of rudimentary wing mutants & their suppression by a suppressor mutant of rudimentary in Drosophila melanogaster. Stroman, P *Hereditas* 73 (2): 239-245. Ref. 1973

080277 442.8 H42
Somatic resistance to X-ray treatment in Drosophila melanogaster populations with different irradiation backgrounds. Eiche, A *Hereditas* 73 (2): 247-252. 1973

080278 442.8 H42
Fibril rings in alkali-urea treated polytene chromosomes of Drosophila hydei. Sorsa, V *Hereditas* 73 (2): 312-316. 1973

080279 99.9 OS72
Second note on bionomy of Hylecoetus dermestoides L. (Coleoptera, Lymexylonidae). [Forests, pests]. (Ger) Kurir, A *Holzforsch Holzverwertung* 24 (6): 127-135. Ref. Eng. Sum. Dec 1972

080280 QH431.M59
Effect of substances inducing phenocopy on forming of puffs in Drosophila melanogaster. [Chromosomes]. (Rus) Sakharova, M N *In Molekuliarnye Mekhanizmy Geneticheskikh Protsessov* P. 118-122. Ref. 1972

080281 QP501.I48
Amino acid composition of spider silk. [Arnes diadematа]. Prashad, B *Indian J Biochem Biophys* 9 (4): 351-352. Dec 1972

080282 421 IN79
Comparative histological studies on Polyergus rufescens Latr. nad Raptiformica sanguinea Latr. (Ger) Beck, H *Insectes Sociaux* 19 (4): 301-342. Ref. Eng. Sum. Dec 1972

080283 421 IN79
Observations concerning biology of Apoica pallida (Olivier, 1791), a Neotropical social wasp (Hymenoptera, Vespidae). (Ger) Schremmer, F *Insectes Sociaux* 19 (4): 343-357. Ref. Eng. Sum. Dec 1972

080284 421 IN79
Sensilla & peripheral nervous system in mouth parts of Locusta migratoria L. (Fre) Louveaux, A *Insectes Sociaux* 19 (4): 359-368. Ref. Eng. Sum. Dec 1972

080285 421 IN79
Study of some factors regulating fecundity of queens of Plagiolepis pygmaea Latr. (Hymenoptera Formicidae). (Fre) Passera, L *Insectes Sociaux* 19 (4): 369-387. Ref. Eng. Sum. Dec 1972

080286 421 IN79
Study of some factors regulating fertility of queens of Plagiolepis pygmaea Latr. (Humenoptera, Formicidae). (Fre) Passera, L *Insectes Sociaux* 19 (4): 369-388. Ref. Eng. Sum. Dec 1972

080287 421 IN79
Development & foramtion of ovaries in workers of Formica (Serviformica) rufibarbis Fabricius (Hymenoptera, Formicidae). (Ger) Hohorst, B *Insectes Sociaux* 19 (4): 389-402. Ref. Dec 1972

080288 421 IN79
Development & formation of ovary in workers of Formica (Serviformica) rufibarbis Fabricius (Hymenoptera: Formicidae). (Ger) Hohorst, B *Insectes Sociaux* 19 (4): 389-402. Ref. Dec 1972

080289 421 IN79
Seasonal changes in ovarioles of workers of Formica rufibarbis Fabr. (Hymenoptera, Formicidae). (Ger) Hohorst, B *Insectes Sociaux* 19 (4): 403-404. Dec 1972

080290 421 IN79
Yearly changes of ovarioles in workers of Formica rufibarbis Fabr. (Hymenoptera; Formicidae). (Ger) Hohorst, B *Insectes Sociaux* 19 (4): 403-404. Dec 1972

080291 421 IN79
Biometrical studies on Formica (Serviformica) rufibarbis Fabricius (Humenoptera, Formicidae). (Ger) Hohorst, B *Insectes Sociaux* 19 (4): 405-407. Dec 1972

080292 421 IN79
Transactions of Sixth Meeting of German-speaking Section of International Union of Study of Social Insects. (Ger) *Insectes Sociaux* 19 (4): 409-417. Dec 1972

080293 QL461.I529
Neurosecretory system & retrocerebral endocrine glands of Metochus uniguttatus Thunb. (Heteroptera: Lygaeidae). Awasthi, V B *Int J Insect Morphol Embryol* 2 (1): 1-12. Ref. 1973

080294 QL461.I529
Spheroid sense organs on cerci of polyphagid cockroaches (Blattaria: Polyphagidae). Roth, L M *Int J Insect Morphol Embryol* 2 (1): 13-24. Ref. 1973

080295 QL461.I529
Embryology of Dacus oleae Gmel. (Diptera: Tephritidae). (Fre) Fytizas, E *Int J Insect Morphol Embryol* 2 (1): 25-34. Ref. Eng. Sum. 1973

080296 QL461.I529
Evolution of cephalic exocrine glandular system of Blattaria & Isoptera. (Fre) Brossut, R *Int J Insect Morphol Embryol* 2 (1): 35-54. Ref. 1973

080297 QL461.I529
Skeleton & musculature of female genital & postgenital regions of Thermobia domestica (Packard). Comparison with genital region of Nicoletia sp. (Insecta: Apterygota: Lepismatida). (Fre) Rousset, A *Int J Insect Morphol Embryol* 2 (1): 55-80. Ref. 1973

080298 381 J8223
Synthesis of bioactive compounds: juvenile hormone mimetics affecting insect diapause. [Oulema melanopus]. Nilles, G P *J Agr Food Chem* 21 (3): 342-347. Ref. May/June 1973

080299 381 J8223
Alkyl 3,7,11-trimethyl-2,4-dodecadienoates, a new class of potent insect growth regulators with juvenile hormone activity. [Aedes aegypti, Galleria mellonella, Tenebrio molitor, biological control]. Henrick, C A *J Agr Food Chem* 21 (3): 355-359. Ref. May/June 1973

080300 410 J828
Hemiptera & Coleoptera of stinging nettle (Urtica dioica L.) in east Anglia. Davis, B N K *J Appl Ecol* 10 (1): 213-237. Ref. Apr 1973

080301 QH301.J6
Porous plates of coniform chloride cells in mayfly larvae: high-resolution analysis & demonstration of solute pathways. [Baetidae]. Komnick, H *J Cell Sci* 12 (3): 665-681. Ref. May 1973

080302 QH301.J6
Role of epidermal cells in moulding surface pattern of cuticle in Rhodnius (Hemiptera). Wigglesworth, V B *J Cell Sci* 12 (3): 683-705. Ref. May 1973

080303 444.8 Z3
Anatomy of compound eye of Periplaneta americana L. 2. Fine structure. Butler, R *J Comp Physiol* 83 (3): 239-262. Ref. 1973

080304 444.8 Z3
Electrophysiology of retina of Periplaneta americana L. 1. Changes in receptor acuity upon light/ dark adaptation. Butler, R *J Comp Physiol* 83 (3): 263-278. Ref. 1973

080305 444.8 Z3
Electrophysiology of retina of Periplaneta americana L. 2. Receptor sensitivity & polarized light sensitivity. Butler, R *J Comp Physiol* 83 (3): 279-288. Ref. 1973

080306 444.8 Z3
Polarization sensitivity of individual retinula cells. [Diptera]. Snyder, A W *J Comp Physiol* 83 (4): 331-360. Ref. 1973

080307 444.8 Z3
Electrophysiology of a new carrion receptor & its relation to behavior of carrion beetle (Necrophorus). (Ger) Waldow, U *J Comp Physiol* 83 (4): 415-424. Ref. Eng. Sum. 1973

080308 444.8 Z3
Localization of receptors controlling orientation to prey by back swimmer Notonecta undulata. Murphey, R K *J Comp Physiol* 84 (1): 19-30. 1973

080309 444.8 Z3
Mutual inhibition & organization of a non-visual orientation in Notonecta. [undulata]. Murphey, R K *J Comp Physiol* 84 (1): 31-40. Ref. 1973

080310 444.8 Z3
Spectral sensitivity of dipteran retinula cells. [Musca domestica]. Snyder, A W *J Comp Physiol* 84 (1): 59-76. Ref. 1973

080311 444.8 Z3
Visceral muscles & myogenic activity in hindgut of cockroach, Leucophaea maderae. Cook, B J *J Comp Physiol* 84 (1): 95-118. Ref. 1973

080312 444.8 Z3
Properties of nervous system controlling flight in Drosophila melanogaster. Levine, J *J Comp Physiol* 84 (2): 129-166. Ref. 1973

080313 444.8 Z3
Functional properties of trichobothria in bug Pyrrhocoris apterus (L.). Draslar, K *J Comp Physiol* 84 (2): 175-184. Ref. 1973

080314 421 J825
Fatty acid oxidation by flight muscles of dragonfly, Pantala flavescens. Kallapur, V L *J Insect Physiol* 19 (5): 1035-1040. Ref. May 1973

080315 421 J825
Effect of dietary amino acids on size & alary polymorphism of Aphis fabae. Leckstein, P M *J Insect Physiol* 19 (5): 973-980. Ref. May 1973

080316 421 J825
Ultrastructure of anal papillae of a saltwater mosquito larva, Aedes campestris. Meredith, J *J Insect Physiol* 19 (6): 1157-1172. Ref. Jun 1972

080317 421 J825
Effect of photoperiod & temperature of ovarian development in Culex pipiens pipiens. Sanburg, L L *J Insect Physiol* 19 (6): 1173-1190. Ref. June 1973

080318 421 J825
Electrophysiological correlates of attraction in Trichoplusia ni. Mayer, M S *J Insect Physiol* 19 (6): 1191-1198. Ref. June 1973

080319 421 J825
Effects of ecdysone analogues on development & metabolic activity of wing disks of fleshfly, Sarcophaga peregrina, in vitro. Ohmori, K *J Insect Physiol* 19 (6): 1199-1210. Ref. June 1973

080320 421 J825
Tyrosine & catecholamine metabolism in wild-type Drosophila melanogaster & a mutant, ebony. Hodgetts, R N *J Insect Physiol* 19 (6): 1211-1220. Ref. June 1973

080321 421 J825
Haemolymph protein patterns in developing tobacco hornworm larvae. Green, J R *J Insect Physiol* 19 (6): 1241-1250. Ref. June 1973

080322 421 J825
Alpha-farnesene, a naturally occurring oviposition stimulant for codling moth, Laspeyresia pomonella. Wearing, C H *J Insect Physiol* 19 (6): 1251-1256. Ref. June 1973

080323 421 J825
Isolation & structure of sex-pheromone of moth, Nudaurelia cytherea cytherea. Henderson, H E *J Insect Physiol* 19 (6): 1257-1264. Ref. June 1973

080324 421 J825
Effects of ecdysterone on apolysis & ecdysis of various Crustacea Isopoda. (Fre) Maissiat, J *J Insect Physiol* 19 (6): 1265-1276. Ref. Eng. Sum. June 1973

080325 421 J825
Relationship between oviposition & spontaneous discharges of motor neurons in Bombyx mori. Yamaoka, K *J Insect Physiol* 19 (6): 1277-1283. Ref. June 1973

080326 421 J825
Gonadotrophic effect of juvenile hormone in Blattella germanica: a rapid, simple quantitative bioassay. Kunkel, J G *J Insect Physiol* 19 (6): 1285-1297. Ref. June 1973

080327 421 J825
Pheromones aggregating workers of Myrmica rubra. (Fre) Cammaerts-Tricot, M C *J Insect Physiol* 19 (6): 1299-1315. Eng. Sum. June 1973

080328 421 J825
Variations of sustained flight tendency of locusts Schistocerca gregaria after implantations of corpora cardiaca. (Fre) Michel, R *J Insect Physiol* 19 (6): 1317-1325. Ref. Eng. Sum. June 1973

080329 421 J825
Control of luminescence in phengodid bettles. Halverson, R C *J Insect Physiol* 19 (6): 1327-1339. Ref. June 1973

080330 Q176.J6
Cave cricket activity rhythms & earth tides. [Hadoenucus subterraneus]. Simon, R B *J Interdisciplinary Cycle Res* 4 (1): 31-39. Ref. Mar 1973

080331 Q176.J6
Circaseptan (7-day) oviposition rhythm & growth of spring tail, Folsomia candida (Collembola: Isotomidae). Chiba, Y *J Interdisciplinary Cycle Res* 4 (1): 59-66. Ref. Mar 1973

080332 421 J826
A nonoccluded virus of army cutworm. [Euxoa auxiliaris, Pseudaletia unipuncta, Heliothis zea]. Sutter, G R *J Invertebrate Pathol* 21 (1): 62-70. Ref. Jan 1973

080333 421 J826
Transovarian transmission of Nosema plodiae in indian-meal mothx Plodia interpunctella. Dellen, W R *J Invertebrate Pathol* 21 (3): 248-254. May 1973

080334 421 J826
Pathogenicity of a nuclear polyhedrosis virus of almond moth, Cadra cautella. Hunter, D K *J Invertebrate Pathol* 21 (3): 282-286. May 1973

080335 421 J826
Aminotransferase in three last larval instars of Barathra brassicae infected by Nosema plodiae. Kucera, M *J Invertebrate Pathol* 21 (3): 287-292. Ref. May 1973

080336 421 J826
Nosema invadens sp. n. (Microsporida: Nosematidae), a pathogen causing inflammatory response in Lepidoptera. Kellen, W R *J Invertebrate Pathol* 21 (3): 293-300. Ref. May 1973

080337 421 J826
Comparative potencies of crystalline endotoxine of eight varieties of Bacillus thuringiensis to larvae of Piieis brassicae. [Bombyx mori]. Galowalia, M M S *J Invertebrate Pathol* 21 (3): 301-308. May 1973

080338 421 J826
Survival of Entomophtora spp. in mummified aphids at differnnt temperatures & humidities. Wilding, N *J Invertebrate Pathol* 21 (3): 309-311. Ref. May 1973

080339 421 J826
Antigens associated with a nuclear polyhedrosis virus from cabbage looper larvae. [Trichoplusia ni]. Scott, H A *J Invertebrate Pathol* 21 (3): 315-317. May 1973

080340 421 J826
A nuclear polyhedrosis virus of a caddisfly, Neophylax sp. Hall, D W *J Invertebrate Pathol* 21 (3): 323-324. May 1973

080341 421 J826
Studies on presence of thermostable toxin in serotypes 10,11, & 12 of Bacillus thuringiensis. [Pieris Brassicae, biological control]. Barjac, H de *J Invertebrate Pathol* 21 (3): 325-327. May 1973

080342 421 J826
A pathological condition in aseptically reared housefly larvae. [Musca domestica]. Singh, P *J Invertebrate Pathol* 21 (3): 328-330. May 1973

080343 421 J828
Displacement of Aedes (S.) polynesiensis Marks by Aedes (S.) albopictus Skuse through competition in larval stage under laboratory conditions. Lowrie, R C *J Med Entomol* 10 (2): 131-136. Apr 25, 1973

080344 421 J828
Effect of irradiation on mating competitiveness of male tick Argas persicus (Oken). Sternberg, S *J Med Entomol* 10 (2): 137-142. Ref. Apr 25, 1973

080345 421 J828
Autogeny in tick Ornithodoros tholozani (Ixodoidea, Argasidae). Geldman-Muhsam, B *J Med Entomol* 10 (2): 185-189. Ref. Apr 25, 1973

080346 421 J828
Composition of tick oral secretions obtained by three different collection methods. [Amblyomma americanum]. Barker, R W *J Med Entomol* 10 (2): 198-201. Ref. Apr 25, 1973

080347 421 J828
Ecology & behavior of lone star tick (Acarina: Ixodidae). III. effect of season on molting time & post-molt behavior of engorged nymphs & adults. [Amglyomma americanum]. Semtner, P J *J Med Entomol* 10 (2): 202-205. Ref. Apr 25, 1973

080348 421 J828
Camouflage phenomenon in several species of Triatominae (Hemiptera: Reduviidae). Zeledon, R *J Med Entomol* 10 (2): 209-211. Apr 25, 1973

080349 421 J828
Feild studies on gonotrophic cycle of Aedes aegypti in bangkok, Thailand. Pant, C P *J Med Entomol* 10 (2): 219-233. Ref. Apr 25, 1973

080350 421 J828
Detection on silicic acid chromatograms of trehalose & other sugars in arthropod fluids. Bassal, T T M *J Med Entomol* 10 (2): 228. Apr 25, 1973

080351 444.8 J826
Structure & function of rectal pads in Blattella & Blaberus with respect to mechanism of water uptake. Wall, B J *J Morphol* 140 (1): 105-118. Ref. May 1973

080352 444.8 J826
Fine structure of lightand dark-adapted eyes of desert ants, Cataglyphis bicolor (Formicidae, Hymenoptera). Brunnert, A *J Morphol* 140 (1): 15-21. Ref. May 1973

080353 444.8 J826
Fine structure of abdominal neural fatbody sheath in stick insect (Carausius morosus, Br.). Huddart, H *J Morphol* 140 (1): 87-104. Ref. May 1973

080354 421 J829
Effect of moisture on growth rate & development of two strains of Tenebrio molitor L. (Coleoptera, Tenebrionidae). [Wheat]. Urs, K C D *J Stored Prod Res* 8 (4): 291-297. Ref. Mar 1973

080355 421 J829
Effect of moisture on lipid content & composition of two strains of Tenebrio molitor L. (Coleoptera8 Tenebrionidae). Urs, K C D *J Stored Prod Res* 8 (4): 299-305. Ref. Mar 1973

080356 475 J27
On a cytoplasmic polyhedrosis of smaller tea tortrix, Adoxophyes fasciata Walsingham. (Jap) Watanabe, H *Jap J Appl Entomol Zool* 17 (1): 1-4. Eng. Sum. Mar 1973

080357 475 J27
Experimental studies on flight of planthoppers by tethered flight technique. I. Characteristics of flight of brown planthopper, Nilaparvata lugens Stal. & effects of some physical factors. (Jap) Ohkubo, N *Jap J Appl Entomol Zool* 17 (1): 10-18. Ref. Eng. Sum. Mar 1973

080358 475 J27
Threshold temperature & thermal constants for development of diamond-back moth, Plutella xylostella L., with reference to their local differences. (Jap) Umeya, K *Jap J Appl Entomol Zool* 17 (1): 19-24. Ref. Eng. Sum. Mar 1973

080359 475 J27
Spatial distribution pattern of winter cherry bug, Acanthocoris sordidus Thunberg, in relation to its aggregation behaviour. (Jap) Fujisaki, K *Jap J Appl Entomol Zool* 17 (1): 31-38. Ref. Eng. Sum. Mar 1973

080360 475 J27
Threshold temperature for development of Apanteles chilonis Munakata & Apanteles flavipes (Cameron) (Hymenoptera: Braconidae). (Jap) Kajita, H *Jap J Appl Entomol Zool* 17 (1): 39-40. Ref. Mar 1973

080361 475 J27
Artificial feeding of Icerya purchasi Maskell (Hemiptera: Margarodidae). (Jap) Hashimoto, A *Jap J Appl Entomol Zool* 17 (1): 42-44. Mar 1973

080362 410 J272
Synchronization of life cycles between Callosobruchus chinensis (L) & its parasite, Anisopteromalus calandrae (Howard). II. relationship between development of parasite & developmental stage of host. [Adsuki be (Jap) Okamoto, K *Jap J Ecol* 22 (6): 238-244. Eng. Sum. Dec 1972

080363 442.9 J27
Increasing trend in frequencies of lethal & semilethal chromosomes in a natural population of Drosophila melanogaster. Minamori, S *Jap J Genet* 48 (1): 41-51. Ref. Feb 1973

080364 SB599.L35
Studies on longevity of, & number of eggs parasitised by Mesocomys pulchriceps Cam. (Hymenoptera: Eupelmidae), an egg parasite of Saturniidae (Lepidoptera). [Insect pests, natural control]. Van Den Berg, M A *Landbouwet S-Afr Agric Sci S Afr Phytophylactica* 4 (4): 113-117. Ref. 1972

080365 100 N81 (2)
Bibliography of Aphididae of world. Smith, C F *N C Agr Exp Sta Tech Bull* 216, 717 P. Ref. Dec 1972

080366 514 N482
Rearing Costelytra zealandica (Coleoptera: Scarabaeidae) 2. use of living plant tissue in soil-based larval rearing media. Wightman, J A *N Z J Sci* 15 (4): 473-479. Ref. Dec 1972

080367 500 N21P
Sequence homology at 5'-termiri of insect messenger RNAs. Ilan, J *Nat Acad Sci Proc* 70 (5): 1355-1358. Ref. May 1973

080368 500 N21P
Isolation, structure, & absolute configuration of a new natural insect juvenile hormone from Manduca sexta. Judy, K J *Nat Acad Sci Proc* 70 (5): 1509-1513. Ref. May 1973

080369 410 N216
Induction of difference of cardiac rhythm at different stages in Locusta migratorioides R. & F. (Fre) Roussel, J P *Natur Can* 100 (1): 11-18. Ref. Eng. Sum. Jan/-Feb 1973

080370 410.9 V672
Geographical variations in male genitalia of Cochylis pallidana Zeller (Lepidoptera, Cochylidae). (Ger) Kasy, F *Naturhist Mus Wien Ann* 76: 733-745. Map. Apr 1972

080371 474 N213
Visual orientation of fly Musca domestica towards a horizontal stripe. Wehrhahn, C *Naturwissenschaften* 60 (4): 203-204. Apr 1973

080372 474 N213
Situation dependent differences & Batesian mimicry. [Tenebrio molitor]. (Ger) Schuler, W *Naturwissenschaften* 60 (4): 205. Apr 1973

080373 436.8 N342
Morphology & biology of Heterogonema ovomasculis n. sp. (Nematoda: Tetradonematidae), parasite of Nitidulidae (Coleoptera). (Fre) Waerebeke, D van *Nematologica* 19 (1): 80-92. Ref. Eng. Sum. Mar 1973

080374 QL750.O3
Age-composition of populations of Calathus melanocephalus L. analysed by studying marked individuals kept within fenced sites. Dijk, T S van *Oecologia* 12 (3): 213-240. Ref. 1973

080375 QL750.O3
Studies on food & feeding habits of soil Oribatei in a black pine plantation. [Microtritia minima, Rhysotritia duplicata, Phthiracarus]. Pande, Y D *Oecologia* 12 (4): 413-426. Ref. 1973

080376 QL757.A1P32
An experimental analysis of seasonal adaptations in tick, Dermacentor silvarum Ol. (Acarina, Ixodidae). (Rus) Belozerov, V N *Parazitologiia* 7 (1): 14-18. Ref. Eng. Sum. Jan/Feb 1973

080377 QL757.A1P32
Some regularities of reproduction & maintenance of Rickettsia prowazeki in argasid ticks during experimental infection. (Rus) Ignatovich, V F *Parazitologiia* 7 (1): 19-23. Ref. Eng. Sum. Jan/Feb 1973

080378 QL757.A1P32
Development of Pulex irritans L., 1758 under experimental conditions. (Rus) Zolotova, S I *Parazitologiia* 7 (1): 24-30. Ref. Eng. Sum. Jan/Feb 1973

080379 QL757.A1P32
Biology of Hybomitra stigmoptera Ols. (Diptera, Tabanidae) & its life cycle. (Rus) Soboleva, R G *Parazitologiia* 7 (1): 36-43. Ref. Eng. Sum. Jan/Feb 1973

080380 QL757.A1P32
Oviposition of black flies (Simuliidae) in northern Transural. (Rus) Mitrokhin, V U *Parazitologiia* 7 (1): 87-89. Eng. Sum. Jan/Feb 1973

080381 QL757.A1P32
Permeability of first-stage larvae of Hypoderma bovis De Geer integument for amino acids tagged with radioactive isotopes. (Rus) Belinskaia, V Z *Parazitologiia* 7 (2): 116-122. Ref. Eng. Sum. Mar/Apr 1973

080382 QL757.A1P32
On flight distance of flies of Oestrus ovis L. (Rus) Ternovoi, V I *Parazitologiia* 7 (2): 123-127. Eng. Sum. Mar/Apr 1973

080383 QL757.A1P32
Life cycle of Ceratixodes putus Pick.-Cambr. in Murman Region. (Rus) Karpovich, V N *Parazitologiia* 7 (2): 128-134. Eng. Sum. Mar/Apr 1973

080384 QL757.A1P32
Changes in sex ratio of mosquitoes Aedes caspius caspius (Pall.) Edw. At infection of their natural populations with microsporidians Thelohania opacita Kudo, 1922. (Rus) Alikhanov, S G *Parazitologiia* 7 (2): 175-179. Eng. Sum. Mar/Apr 1973

080385 500 P383
Effects of 2,4,5-trichlorophenoxyacetic acid on Drosophila melanogaster. 1. Genotypic response. Novy, D S *Penn Acad Sci Proc* 46: 21-22. 1972

080386 450 P5622
Structure of water-soluble feeding stimulant for Scolytus multistriatus: a revision. [Ulmus americana]. Doskotch, R W *Phytochemistry* 12 (5): 1153-1155. May 1973

080387 464.8 P566
Pollenia rudis (Diptera: Calliphoridae) reared on Allolobophora chlorotica (Annelida: Lumbridicae). Richards, P G *Phytoprotection* 54 (1): 1-8. Feb 1973

080388 464.8 P566
Some feeding responses of a wireworm, Agriotes sputator (L.), (Coleoptera: Elateridae). Fox, C J S *Phytoprotection* 54 (1): 43-45. Feb 1973

080389 20.5 P84
Insect hormones & prospects of their use for noxious species. [Biological control]. (Pol) Boczek, J *Postepy Nauk Roln* 19 (6): 15-24. Ref. Nov/Dec 1972

080390 80 P932
Cicada populations on palms in tropical rain forest. [Cicadidae, Costa Rica]. Young, A M *Principes* 17 (1): 3-9. Ref. Jan 1973

080391 421 P95
A southern Californian Boreus, Boreus notoperates n. sp. I. Comparative morphology & systematics (Mecoptera: Boreidae). Cooper, K W *Psyche* 79 (4): 269-283. Ref. Dec 1972

080392 421 P95
On life cycle & natural history of Hymenitis nero (Lepidoptera: Ithomiinae) in Costa Rica. Young, A M *Psyche* 79 (4): 284-294. Dec 1972

080393 421 P95
Deciduous wings in crickets: a new basis for wing dimorphism. Walker, T J *Psyche* 79 (4): 311-314. Dec 1972

080394 421 P95
Rhythms & other biology of giant tropical ant Paraponera. McCluskey, E S *Psyche* 79 (4): 335-347. Ref. Dec 1972

080395 421 P95
Oecophylla longinoda, an ant predator on Anomma driver ants (Hymenoptera: Formicidae). Gotwald, W H *Psyche* 79 (4): 348-356. Ref. Dec 1972

080396 421 P95
Trail following & its development in neotropical army ant genus Eciton (Hymenoptera: Formicidae: Dorylinae). Topoff, H *Psyche* 79 (4): 357-364. Dec 1972

080397 99.8 Q2
Patterns of life in woodland communities. 13. Some ways & means of insect protection in woodland. Simmons, G E *Quart J Forest* 67 (2): 111-11.. Apr 1973

080398 334.8 R11
Radiation effects on hemolymph free amino acid pool of honeybee prepupa (Apis mellifera) & waxmoth larva (Galleria mellonella). Richardson, B L *Radiat Res* 54 (2): 274-283. Ref. May 1973

080399 420 SO12
Observations of insects migration in Poland (Insecta). (Ger) Wojtusiak, R J *Rovartani Kozlemenyek* 25 (25): 381-400. Ref. 1972

080400 420 SO12
Data to knowledge of natural foodplants of Lepidopterous larvae. [Lepidoptera]. (Hun) Meszaros, Z *Rovartani Kozlemenyek* 25 (31): 473-480. Eng. Sum. 1972

080401 420 SO12
A comparative anatomy of insect head. IV. Muscles & nerves of sympathical system. Steinmann, H *Rovartani Kozlemenyek* 25 (32): 481-491. 1972

080402 420 SO12
In emoriam Dr. J. Erdos (1900-1971). [entomolgists]. (Hun) Szelenyi, G *Rovartani Kozlemenyek* 25 (9): 179-186. 1972

080403 420 L84PA
Biological investigations on Comperia merceti (Compere(, an encyrtid parasite of cockroach Supella longipalpa (Serville). Gordh, G *Roy Entomol Soc London Proc Ser A Gen Entomol* 47 (2): 115-123. Ref. Apr 17, 1973

080404 420 L84PA
Release of aggressive & capture behaviour in ant Myrmecia gulosa F. by exocrine products of ant Camponotus. Haskins, C P *Roy Entomol Soc London Proc Ser A Gen Entomol* 47 (2): 125-130. Ref. Apr 17, 1973

080405 420 L84PA
Signifigance of Apolysis' in moulting of insects. Wigglesworth, V B *Roy Entomol Soc London Proc Ser A Gen Entomol* 47 (2): 141-149. Ref. Apr 17, 1973

080406 420 L84PA
Osmotic regulation in backswimmer Notonecta glauca L. (Heteroptera: Notonectidae). Staddon, B W *Roy Entomol Soc London Proc Ser A Gen Entomol* 47 (2): 151-155. Ref. Apr 17, 1973

080407 420 L84PA
Differences in mating behaviour of rat flea Nosopsyllus fasciatus (Bosc). Rothschild, M *Roy Entomol Soc London Proc Ser A Gen Entomol* 47 (2): 157-159. Apr 17, 1973

080408 420 L84PA
Nocturnal flight activity of some African Mantispidae (Neuroptera). New, T R *Roy Entomol Soc London Proc Ser A Gen Entomol* 47 (2): 161-168. Ref. Apr 17, 1973

080409 420 L84PA
Further observations on some blackflies (Diptera: Simuliidae) associated with mayflies (Ephemeroptera: Baetidae & Heptageniidae) in Cameroon. Disney, R H L *Roy Entomol Soc London Proc Ser A Gen Entomol* 47 (2): 169-180. Ref. Apr 17, 1973

080410 420 L84PA
Structure & function of dorsal abdominal gland & defence mechanism in cocoa-capsids (Miridae: Heteroptera). Aryeetey, E A *Roy Entomol Soc London Proc Ser A Gen Entomol* 47 (2): 181-189. Ref. Apr 17, 1973

080411 420 L84PA
Life cycle & larval growth of Drusus annuatus Stephens (Trichoptera: Limnephilidae) in a mountain stream. Gower, A M *Roy Entomol Soc London Proc Ser A Gen Entomol* 47 (2): 191-199. Ref. Apr 17, 1973

080412 420 L84PA
Reproductive maturation & pheromone release in flour moth Anagasta kuehniella (Zeller). Calvert, I *Roy Entomol Soc London Proc Ser A Gen Entomol* 47 (2): 201-209. Ref. Apr 17, 1973

080413 420 L84
Structure of metathoracic scent gland system of water bug Ilyocoris cimicoides (L.) (Heteroptera: Naucoridae). Staddon, B W *Roy Entomol Soc London Trans* 124 (4): 343-363. Ref. Apr 17, 1973

080414 420 L84
Relative growth of normal & regenerated legs of cockroach Blatella germanica (L.). Roberts, B *Roy Entomol Soc London Trans* 124 (4): 447-461. Ref. Apr 17, 1973

080415 420 L84
Post-embryonic changes in central nervous system & perilemma of Pieris brassicae (L.) (Lepidoptera: Pieridae). Ali, F A *Roy Entomol Soc London Trans* 124 (4): 463-498. Ref. Apr 17, 1973

080416 501 L84B
Cardiac glycosides (heart poisons) in polka-dot moth Syntomeida epilais Walk. (Ctenuchidae: lepidoptera with some observations on toxic qualities of Amata (Syntomis) phegea L. Rothschild, M *Roy Soc London Proc Ser B Biol Sci* 183 (1072): 227-247. Ref. May 15, 1973

080417 410.9 SA63
On biometry & evolution of genus Ornidia (Diptera, Syrphidae). Val, F C do *Sao Paulo Dep Zool Papeis Avulsos* 26 (1): 1-28. Map. Ref. Feb 29, 1972

080418 410.9 SA63
Post-embryonic changes in melipona quadrifasciata anthidioides Lep. (Hymenopters, Apoidea). V. Development of nervous system. Cruz-Landim, C Da *Sao Paulo Dep Zool Papeis Avulsos* 26 (10): 137-147. Ref. Aug 15, 1972

080419 410.9 SA63
Biological studies of Brazilian Scolytidae & Platypodidae (Coleoptera. II. tribe Bothrosternini. Beaver, R A *Sao Paulo Dep Zool Papeis Avulsos* 26 (18): 227-236. Ref. Feb 26, 1973

080420 410.9 SA63
On larva & pupa of Semiotus ligneus Linnaeus, 1767 (Elateridae, Semiotinae). (Por) Costa, C *Sao Paulo Dep Zool Papeis Avulsos* 26 (4): 51-53. Eng. Sum. Feb 29, 1972

080421 470 SCI2
Reproductive isolation of tow tortricid moth species by different ratios of a two-component sex attractant. [Adoxophyes orana, Clepsis spectrana]. Minks, A K *Science* 180 (4090): 1073-1074. June 8, 1973

080422 470 SCI2
Blood-feeding requirements of mosquito: geographical variation in Aedes taeniorhynchus. O'Meara, G F *Science* 180 (4092): 1291-1293. Map. Ref. June 22, 1973

080423 505 R292
Laboratory study of biological cycle of Anabolia nervosa Curt. (Trichoptera, Limnephilidae). (Fre) Denis, C *Soc Sci Bretagne Bull (Sci Math Phys Natur)* 47 (1/2): 43-47. 1972

080424 505 N15
Usual & unusual laboratory animals. II. Specialized animal experimentation. [Scorpionida]. (Fre) Poisbeau, J *Soc Sci Natur Ouest France Bull* 70 (3): 6-10. Oct 1972

080425 QH431.A1G43
Nonhomologous pairing & nondisjunction of chromosomes of first & second pairs in oogenesis of Drosophila melanogaster. XX. Females. Chadov, B F *Sov Genet* 6 (10): 1333-1342. Ref. 1970 Transl. May 15, 1973

080426 QH431.A1G43
Comparative study of action of caffeine on X chromosome nondisjunction & recessive sex-linked lethal mutations in females of various Drosophila melanogaster lines. Shakarnis, V F *Sov Genet* 6 (4): 921-924. Ref. July 1970 Translated 1973

080427 QH431.A1G43
Genetic variability of alpha-glycerophosphate dehydrogenase in Drosophila melanogaster. Koreneva, L G *Sov Genet* 6 (6): 801-803. June 1970 Transl Mar 1, 1973

080428 QH431.A1G43
Dominant suppressor of curly gene from natural Drosophila melanogaster population. Ivanov, Y N *Sov Genet* 6 (7): 925-928. July 1970 Translated 1973

080429 QH431.A1G43
Duplications induced by gamma-irradiation of Drosophila melanogaster females. [Mutation]. Mglinets, V A *Sov Genet* 6 (8): 1060-1066. Ref. Transl. Apr 1973

080430 QH431.A1G43
Correlation between alcohol dehydrogenase & alpha-glycerophosphate dehydrogenase alleles in natural populations of Drosophila melanogaster. Grossman, A I *Sov Genet* 6 (8): 1067-1071. Ref. Transl. Apr 1973

080431 442.8 ST1
Peracetic acid as an oxidizer to replace permanganate in staining of neurosecretory cells. [Insects]. Tan, K H *Stain Technol* 48 (3): 140-141. May 1973

080432 QD415.A1S7
Modifications of content in free amino-acids in Tetramorium caespitum L. (Formicidae-Hymenoptera) from different regions. (Rum) Paraschivescu, D *Stud Cercet Biochim* 16 (2): 181-184. Ref. Eng. Sum. 1973

080433 99.8 SY52
Observations on fungus diseases of caterpillars of Archer's dart Agrotis vestigialis Rott. [natural control, Beauveria basiana, paecilomyces farinosus, Cephalosporium lecanii]. (Pol) Glowacka-Pilot, B *Sylwan* 117 (2): 63-67. Ref. Eng. Sum. Feb 1973

080434 41.9 T23
Some observations on development of Brugia pahangi in Aedes aegypti. (Per) Rak, H *Tehran Univ Vet Fac J* 28 (4): 69-84. Ref. Eng. Sum. Jan 1973

080435 410.9 P21
Dynamic of certain Collembola groups in Camargue. (Fre) Poinsot, N *Terre Vie* 1: 118-137. Map. Ref. Eng. Sum. 1973

080436 385 T29
Synthetic proof of structure of a proposed codling moth sex pheromone. [Laspeyresia pomonella]. Cooke, M P *Tetrahedron Lett* 22: 1983-1986. Ref. May 1973

080437 505 T64
Ecological study of muscicolous Collembola from Sidobre (Tarn). III. Distribution of species in function of biotopes. (Fre) Bonnet, L *Toulouse Soc Hist Natur Bull* 108 (1/2): 263-279. Ref. 1St/2nd Quarters 1972

080438 505 T64
Study of distribution of galleries of Blastophagus piniperda L. (Coleoptera Scolytidae) on trunk of young maritime pine in forest of Bauconne (Haute-Garonne). [Pinus pinaster]. (Fre) Larroche, D *Toulouse Soc Hist Natur Bull* 108 (1/2): 287-293. Ref. 1St/2nd Quarters 1972

080439 505 T64
Morphological & anatomical anomalies found in Oniscoidea. Isopoda 2. [Chaetophiloscia sicula, Porcellio dilatatus, Armadillo officinales]. (Fre) Dalens, H *Toulouse Soc Hist Natur Bull* 108 (1/2): 325-327. Ref. 1St/2nd Quarters 1972

080440 505 T64
Ecology & ethology of different species of Timarcha Latr. (Coleoptera Chrysomelidae Chrysomelinae) (7th contribution to knowledge of Chrysomeloidea). (Fre) Tiberghien, G *Toulouse Soc Hist Natur Bull* 108 (1/2): 328-338. Ref. 1St/2nd Quarters 1972

080441 505 T64
Nidification in ant Aphaenogaster subterranea Latr. (Formicoidea-Myrmicidae). (Fre) Bruniquel, S *Toulouse Soc Hist Natur Bull* 108 (1/2): 38-44. 1St/2nd Quarters 1972

080442 442.8 T78
Autoradiographic study of duration of spermatogenetic stages in cricket, Acheta domesticus L. (Rus) Liapunova, N A *Tsitologiya* 15 (3): 276-282. Ref. Eng. Sum. Mar 1973

080443 420 UT1
Comparative growth rates of aquatic stages of ten mosquito species (Diptera: Culicidae) at two constant temperatures. [Aedes, Culex, Culiseta]. Rosay, B *Utah Mosquito Abatement Ass Proc* 25Th: 31-44. Ref. Apr 27, 1973

080444 442.9 L542V
A study of after-affect of irradiation in line clare t – nondisjunctional Drosopjila melanogaster. (Rus) Tikhomirova, M M *Vestn Leningr Univ, Biol* 4: 138-141. Eng. Sum. Nov 1972

080445 442.8 Z33D
RNA-synthesis in telotrophic meroistic ovarioles of Dysdercus intermedius Dist. (Heteroptera, Pyrrhocoridae). (Ger) Duspiva, F *Wilhelm Roux' Arch Entwicklungsmech Organismen* 172 (2): 83-130. Ref. Eng. Sum. 1973

080446 421 Z36
Relationship between tripping rate & tongue length of lucerne pollinating wild bees. [Alfalfa]. Benedek, P *Z Angew Entomol* 73 (2): 113-116. May 1973

080447 421 Z36
A comparative ecological analysis of soil Mesostigmata (Acarina) associated with some coniferous Bavarian forests. Elbadry, E A *Z Angew Entomol* 73 (2): 117-128. Ref. May 1973

080448 20.5 Z5
Some observations on predatory action of mites on nematodes. De Bund, C F Van *Zeszyty Probl Postepow Nauk Roln* 129: 103-110. 1972

080449 20.5 Z5
Ecological studies of Aculus fockeui Nal. et Trt. and Cecidophyopsis ribis Westw. in the D.D.R. Proeseler, G *Zeszyty Probl Postepow Nauk Roln* 129: 177-184. 1972

080450 20.5 Z5
Life table of mie Carpoglyphus lactis (L.). (Rus) Chmielewski, W *Zeszyty Probl Postepow Nauk Roln* 129: 192-196. 1972

080451 20.5 Z5
Some notes on genitalia of genus Rhizoglyphus (Acari, Acaridae). Eyndhoven, G L Van *Zeszyty Probl Postepow Nauk Roln* 129: 23-26. 1972

080452 20.5 Z5
Some details about genitalia of Tetranychidae (Acari) Notulae ad Tetranychidas. 12. Eyndhoven, G L Van *Zeszyty Probl Postepow Nauk Roln* 129: 27-42. 1972

080453 20.5 Z5
Electron-microscopic investigations of respiratory mechanism of tetranychid eggs. [Tetranychus urticae]. Dittrich, V *Zeszyty Probl Postepow Nauk Roln* 129: 43-44. 1972

080454 20.5 Z5
Carotenoid pigments of spider mite Tetranychus cinnabarinus Boisd. Veerman, A *Zeszyty Probl Postepow Nauk Roln* 129: 57-58. 1972

080455 20.5 Z5
Nutritional requirements of two spotted spider mite, Tetranychus urticae Koch (Acarina, Tetranychidae). Storms, J J H *Zeszyty Probl Postepow Nauk Roln* 129: 59-67. 1972

080456 20.5 Z5
Change to parasitic life in host as an evolutionary factor in mites. Samsinak, K *Zeszyty Probl Postepow Nauk Roln* 129: 83-85. 1972

080457 QL336.Z6
Behavioural adaptions of isopod Tylos granulatus Krauss. Kensley, B *Zool Afr* 7 (1): 1-4. Nov 1972

080458 410 Z751S
On biology of larval nourishment of Ctenocephalides felis felis B. (Ger) Strenger, A *Zool Jahrb Abt Syst Okol Geogr Tiere* 100 (1): 64-80. Ref. Eng. Sum. 1973

080459 410 Z712
Zygmunt Kraczkiewicz (July 20, 1900 – October 11, 1971). [Insects, cytology]. (Pol) Sembrat, K *Zool Pol* 22 (3): 121-125. 1973

080460 410 Z712
Experimentally induced developmental monstrosities in water spider Argyroneta aquatica (Clerck). Mikulska, I *Zool Pol* 22 (3): 127-134. Ref. 1973

080461 410 R92
A new mechanism of self-regulation in system: Food plant – phytophagous insect. [Dendrolimus pini, Pinus]. (Rus) Lesniak, A *Zool Zh* 52 (4): 513-518. Ref. Eng. Sum. Apr 1973

080462 410 R92
Sectorial distribution of ant columns within nest of Formica rufa (Hymenoptera, Formicidae). (Rus) Zakharov, A A *Zool Zh* 52 (4): 519-524. Eng. Sum. Apr 1973

080463 410 R92
Activity of feeding of Leptinotarsa decemlineata after hibernation at different levels of its population density. (Rus) Gromova, A A *Zool Zh* 52 (4): 613-614. Eng. Sum. Apr 1973

TAXONOMIC ENTOMOLOGY

080464 512 W262
Significance of mandible shape for identification of females of European species of Haliplidae (Coleoptera). Galewski, K *Acad Polon Sci Bull Ser Sci Biol* 20 (12): 867-871. 1972

080465 512 W262
New species of Scarabaeidae (Coleoptera) from North Norea. [Onthophagus, Aphodius]. (Ger) Stebnicka, Z *Acad Polon Sci Bull Ser Sci Biol* 21 (2): 117-121. Eng. Sum. 1973

080466 512 W262
Parametriocnemus stylatus adzharicus n.ssp. (Chironomidae, Diptera). Kownacki, A *Acad Polon Sci Bull Ser Sci Biol* 21 (2): 127-130. 1973

080467 512 W262
Chironomidae (diptera) from Caucasus. II. Diamesa Waltl group latitarsis. Kownacki, A *Acad Polon Sci Bull Ser Sci Biol* 21 (2): 131-138. 1973

080468 QL1.A25
Beetles (Coleoptera) of Babia Gora Mountain (Polish Western Carpathians). Pawlowski, J *Acta Zool Cracov* 12: 19-265. Ref. 1967 Transl. 1972

080469 QL1.A25
On some Catopidae (Coleoptera) of Neotropical Region. Szymczakowski, W *Acta Zool Cracov* 13: 1-15. 1968 Transl. 1972

080470 QL1.A25
Observations of certain, primarily European, species of Lixini (Coleoptera, Curculionidae). Smreczynski, S *Acta Zool Cracov* 13: 113-140. Ref. 1968 Transl. 1972

080471 QL1.A25
Tardigrada of high mountains of Hindu Kush. [Arthropoda]. Weglarska, B *Acta Zool Cracov* 13: 159-163. 1968 Transl. 1972

080472 QL1.A25
Ethiopian species of Opius Wesm., section A (2. contribution to Opiinae of Musee Royal de l'Afrique Centrale) (Hymenoptera, Braconidae, Opinae). Fischer, M *Acta Zool Cracov* 13: 17-80. Ref. 1968 Transl. 1972

080473 QL1.A25
Lepidopterous fauna of Cracow vicinity. Razowski, J *Acta Zool Cracov* 14: 117-216. Ref. 1969 Transl. 1972

080474 QL1.A25
Discovery of a member of Ptomaphaginini in Cuba & an outline of taxonomy & biogeography of group (Coleoptera, Catopidae). [Proptomaphaginus apodemus]. Szymczakowski, W *Acta Zool Cracov* 14: 21-30. 1969 Transl. 1972

080475 QL1.A25
Materials to Colonidae (Coleoptera) fauna of Poland. Szymczakowski, W *Acta Zool Cracov* 14: 217-231. Ref. 1969 Transl 1972

080476 QL1.A25
Materials to fauna of Protura of Poland. Szeptycki, A *Acta Zool Cracov* 14: 281-307. Ref. 1969 Transl. 1972

080477 QL1.A25
Zoogeographical estimate on terrestrial, cavernicolous fauna of romania. [Coleoptera, Myriapoda, Araneida]. Decou, V G *Acta Zool Cracov* 14: 309-383. Ref. 1969 Transl. 1972

080478 QL1.A25
Newly discovered Opiliones species: Mitostoma dumitrescui sp. nov. & Mitostoma orghidani sp. nov. (Opiliones, Nemastomatidae). Avram, S *Acta Zool Cracov* 14: 91-101. 1969 Transl. 1972

080479 SF1.A2
First results on tachinids investigation in north-west Slovakia (Diptera, Tachinidae). (Ger) Cepelak, J *Acta Zootech* 24: 205-214. Map. Eng. Sum. 1972

080480 442.9 AK132
Data on study of dendrophilic aphids (Homoptera, Aphidoidea) of Talysh. (Rus) Vezirov, N D *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 3: 89-92. 1972

080481 442.9 AK132
On study of Chrysopidae of Greater Caucasus in Azerbaijan. (Rus) Kurbanov, G G *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 3: 93-98. 1972

080482 442.9 AK132
Braconidae (Humenoptera) of subfamily Agathidinae in Azerbaijan. (Rus) Abdinbekova, A A *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 4: 72-78. 1972

080483 511 AK192D
2 New species of wasps-braconids (Hymenoptera, Braconidae) from Lithuania. [Allurus lativalvis, Orgilus radialis]. (Rus) Jakimavicius, A *Akad Nauk Litov Ssr Darbai Tr Ser C* 1 (57): 51-55. Eng. Sum. 1972

080484 511 AK193D
New species of aphids of Macrosiphonini group (Homopters, Aphididae) from Afghanistan. (Rus) Narzikulov, M N *Akad Nauk Tadzh Ssr Dokl* 15 (2): 65-67. 1972

080485 420 P53
A review of Strongylium of America north of Mexico, with descriptions of two new species (Coleoptera, Tenebrionidae). Triplehorn, C A *Amer Entomol Soc Trans* 99 (1): 1-27. Mar 1973

080486 420 P53
Types of pierid butterflies named by William Henry Edwards. Brown, F M *Amer Entomol Soc Trans* 99 (1): 29-118. Ref. Mar 1973

080487 410.9 B85E
Results of zoological research by Z. Kaszab in Mongolia. 282. Curculionidae, Cleoninae, Anthonominae, Pissodinae, Magdalinae, Hylobiinae, Alophinae, Rhynchaeninae (Coleoptera). (Ger) Ter-Minassian, M E *Ann Hist-natur Mus Nat Hung* 64: 245-258. 1972

080488 410 AR24
On validity of genera Leponiscus Gruvel 1901 & Crinoniscus Perez, 1900. [Isopoda Epicarides, Cryptoniscidae]. (Fre) Bocquet-Vedrine, J *Arch Zool Exp Gen* 113 (3): 395-400. Ref. Eng. Sum. 1972

080489 410 AR24
Jaera albifrons from Iceland. [Isopoda, Asellota]. (Fre) Solignac, M *Arch Zool Exp Gen* 113 (3): 433-437. Map. Eng. Sum. 1972

080490 410 AR6
Chilean Gamasidae (Arachnida) iI. Revision of the family Ichthyostomatogasteridae Sellnick, 1953 (Uropodellidae Camin, 1955). (Fre) Athias-Henriot, C *Arq Zool Estad Sao Paulo* 22 (3): 113-191. Eng. Sum. July 31, 1972

080491 QL541.A7
Danish Lepidoptera in Scandinavian mountains. II. (Dan) Schluter, M *Atalanta* 2 (1): 1-13. Dec 1972

080492 QL541.A7
Notes on Parnassius appollo jotunensis Oph. Opheim, M *Atalanta* 2 (1): 14-16, Map. Dec 1972

080493 QL541.A7
New Lepidoptera from Norway. (Nor) Opheim, M *Atalanta* 2 (1): 23-25. Eng. Sum. Dec 1972

080494 QL541.A7
New locations for Norwegian Lepidoptera, plus rare finds. V. (Nor) Opheim, M *Atalanta* 2 (1): 26-31. Dec 1972

080495 281.8 B462
Removal equipment for flat silos. (Ger) Jensen, F H *Betriebswirtsch Mitt Wirtschaftsberater* 212/213: 53-54. Nov/Dec 1972

080496 442.8 B5229
Scientific results of Yugoslav 1969 Himalaya Expedition, Odonata. [Odonata, Nepal]. Kiauta, B *Biol Vest* 20: 109-119. Ref. 1972

080497 442.8 B5229
Discovery of coastal spider Desidiopsis racovitzai Fage 1909 on coast of Rab (Adria). (Ger) Meyer-Rochow, V B *Biol Vest* 20: 79-80. Eng. Sum. 1972

080498 442.8 B5229
Coelotes alpinus, new species. (Ger) Polenec, A *Biol Vest* 20: 81-83. Eng. Sum. 1972

080499 442.8 B5229
Oribatids in periodically inundated soils. (Cro) Tarman, K *Biol Vest* 20: 85-88. Eng. Sum. 1972

080500 414.9 R86B
Contributions to knowledge of chironomid larvae of Danube & its tributaries (km 941 – km 1075) before & first year after flooding dam lake at Iron Gates. (Rum) Cure, V *Bucharest Inst Cercet Proiectari Piscicole Bul* 31(1/2): 5-20. Ref. Eng. Sum. Jan/June 1972

080501 410 F432
Biology & anatomy of Scarabaeus semipunctatus F. (Coleoptera, Scarabaeidae): Comparison with some other coprophagous Coleoptera. (Fre) Dajoz, R *Cah Natur* 28 (3): 61-79. Ref. 1972

080502 500 C12O
Types of Thysanoptera in collection of California Academy of Sciences. Arnaud, P H *Calif Acad Sci Occas Pap* 105, 138 P. Apr 27, 1973

080503 500 C12O
Ochteridae from Western & Southern Africa (Hemiptera: Heteroptera). Kormilev, N A *Calif Acad Sci Occas Pap* 106, 9 P. Apr 27, 1973

080504 428 C763
Changing perspectives in systematics of mosquitoes in California. Bohart, R M *Calif Mosq Contr Assoc Proc Pap* 40: 126-127. Ref. Jan/Feb 1972

080505 421 C16
A note on genus Bohemiellina Mach. (Coleoptera: Staphylinidae). Smetana, A *Can Entomol* 105 (2): 351-352. Feb 1973

080506 410.9 OT8
First records of seven species of ground beetles (Coleoptera: Carabidae) from Prince edward Island. Freitag, R *Can Field Natur* 87 (1): 62. Jan/Mar 1973

080507 443.8 C16
Cytotaxonomy of Bombyliidae (Diptera). Boyes, J W *Can J Genet Cytol* 15 (1): 21-37. Mar 1973

080508 443.8 C16
Karyotype analyses of Pissodes weevils: evidence for two additional putative taxa. Smith, S G *Can J Genet Cytol* 15 (1): 215-222. Mar 1973

080509 443.8 C16
Chromosomal polymorphism & interrelationships in Pissodes weevils: additional cytogenetic evidence of synonymy. Smith, S G *Can J Genet Cytol* 15 (1): 83-100. Ref. Mar 1973

080510 510 P886C
Fossill Tabanidae (Diptera). (Cze) Moucha, J *Cas Nar Muz, Oddil Prirodoved* 141 (1/2): 28-29. Ref. Eng. Sum. 1972

080511 510 P886C
Boloria aquilonaris Stichel, 1908 & its distribution in Czechslovakia (Lepidoptera, Nymphalidae). (Cze) Weiss, D *Cas Nar Muz, Oddil Prirodoved* 141 (1/2): 33-37. Ref. Eng. Sum. 1972

080512 510 P886C
Butterflies of High Tatra mountains. (Cze) Moucha, J *Cas Nar Muz, Oddil Prirodoved* 141 (1/2): 38-40. Ref. 1972

080513 475 SA2
Spiders from island of Kozu-jima. (Jap) Matsumoto, S *Coll & Breed (tokyo)* 35 (2): 41-47. Feb 1973

080514 420 N38B
Capture of Dutch syrphids in spring of 1971 (Diptera, Syrphidae). (Dut) Goot, V S Van Der *Entomol Ber (amsterdam)* 33 (2): 21-23. Eng. Sum. Feb 1, 1973

080515 420 N38B
Capturing butterflies at Montfort in 1971. [Lepidoptera]. (Dut) Maassen, A W P *Entomol Ber (amsterdam)* 33 (2): 24-25. Eng. Sum. Feb 1, 1973

080516 420 N38B
Spiders of Ameland. [Araneida]. (Dut) Meijer, J *Entomol Ber (amsterdam)* 33 (2): 26-31. Ref. Eng. Sum. Feb 1, 1973

080517 420 N38B
Chlorocypha pavonis spec. nov., a new chlorocyphid dragonfly from West Africa (Odonata). Lieftinck, M A *Entomol Ber (amsterdam)* 33 (2): 32-37. Feb 1, 1973

080518 420 N38B
Identification of Coleophora prunifoliae Doets (Lepidoptera, Coleophoridae). (Ger) Patzak, H *Entomol Ber (amsterdam)* 33 (2): 38-39. Feb 1, 1973

080519 420 N38B
Migrating butterflies in 1971. [Lepidoptera]. (Dut) Lempke, B J *Entomol Ber (amsterdam)* 33 (3): 41-51. Eng. Sum. Mar 1, 1973

080520 420 N38B
A neotype for Blepharipus nigrita Lepeletier et Brulle (Hymenoptera, Sphecidae, Crabroninae). (Fre) Leclercq, J *Entomol Ber (amsterdam)* 33 (3): 52-53. Eng. Sum. Mar 1, 1973

080521 420 N38B
Schizonobia sycophanta Womersley (Acarina: Tetranychidae) described from Tasmania is probably native from Europe. Redescription & cytogenetic study. (Fre) Gutierrez, J *Entomol Ber (amsterdam)* 33 (3): 54-60. Mar 1, 1973

080522 420 N38B
Species of genus Gyrophaena (Coleoptera: Staphilinidae) in Walcheren. (Dut) Batten, R *Entomol Ber (amsterdam)* 33 (4): 61-65. Eng. Sum. Apr 1, 1973

080523 420 N38B
A specimen of Euthystira brachyptera (Ocsk.) (Orthoptera) discovered in Netherlands. (Dut) Kruseman, G *Entomol Ber (amsterdam)* 33 (4): 66-67. Map. Eng. Sum. Apr 1, 1973

080524 420 N38B
A new form of Coenonympha pamphilus L. (Lepidoptera, Satyridae). [Italy]. Katwijk, D van *Entomol Ber (amsterdam)* 33 (4): 68. Apr 1, 1973

080525 420 N38B
On a small collection of syrphid flies (Diptera: Syrphidae) from Kathmandu Valley & Khumbu Himal Region (Nepal). Lambeck, H J P *Entomol Ber (amsterdam)* 33 (4): 70-78. Ref. Apr 1, 1973

080526 420 N38B
Notes on insects of Surinam. (Dut) Heyde, M *Entomol Ber (amsterdam)* 33 (5): 81-829 eng. Sum. May 1, 1973

080527 420 N38B
Sisyra jutlandica Esb.-P. nov. spec. (Neuroptera8 Sisyridae). (Dut) Geijskes, D C *Entomol Ber (amsterdam)* 33 (5): 83-85. May 1, 1973

080528 420 N38B
Inocellia (Amurinocellia n.subg.) calida n.sp. a new species of family Inocelliidae (Insecta, Rhaphidioptera) from Eastern Asia (with a brief account of Inocelliidae from Asia. (Ger) Aspock, H *Entomol Ber (amsterdam)* 33 (5): 91-96. Ref. Eng. Sum. May 1, 1973

080529 420 N38B
Gall midges new to fauna of Netherlands. VI. [Cecidomyiidae]. (Dut) Nijveldt, W *Entomol Ber (amsterdam)* 33 (5): 97-100. Ref. Eng. Sum. May 1, 1973

080530 421 EN86
Notes on British Staphylinidae. 3. British species of Sependophilus gistel (Conosomus Auctt.). Hammond, P M *Entomol Mon Mag* 108 (1298/1300): 130-165. Ref. July/Sept 1972 (Pub. 1973)

080531 421 EN86
Four species of Protura new to British Isles. Gough, H J *Entomol Mon Mag* 108 (1298/1300): 166-172. July/Sept 1972 (Pub. 1973)

080532 421 EN86
Records of Sumiliidae (Diptera) from Bere stream, Dorset, with details of life history & larval growth of Simuliidae (Diptera) from Bere stream,. Ladle, M *Entomol Mon Mag* 108 (1298/1300): 167-172. July/Sept 1972 (Pub.1973)

080533 421 EN86
Female of Catoptropteryx extensipes Karsch with a note on C. guttatipes Karsch (Orthoptera, Tettigoniidae). Huxley, J *Entomol Mon Mag* 108 (1298/1300): 177-178. July/Sept 1972 (Pub. 1973)

080534 421 EN86
British Macrolepidoptera: rare & endangered species & forms. *Entomol Mon Mag* 108 (1298/1300): 179-180. July/-Sept 1972 (Pub. 1973)

080535 421 EN86
An overlooked British Mason-wasp: Ancistrocerus claripennis (Thomson) (Hymenoptera, Vespidae). Spooner, G M *Entomol Mon Mag* 108 (1298/1300): 181-185. July/Sept 1972 (Pub. 1973)

080536 421 EN86
Lithostygnus serripennis Broun (Coleoptera Lathridiidae) & other Coleoptera in London, N.W.1. With a diagnostic note & key. MacKechnie-Jarvis, C *Entomol Mon Mag* 108 (1298/1300): 186-189. Ref. July/Sept 1972 (Pub. 1973)

080537 421 EN86
Some Agromyzidae (Diptera) from Maltese Islands. Spencer, K A *Entomol Mon Mag* 108 (1298/1300): 190-192. July/-Sept 1972 (Pub. 1973)

080538 420 EN822
Capture of Carabidae (Coleoptera) species at artificial light. [United States, Canada]. (Fre) Larochelle, A *Entomol Soc Quebec Ann* 18 (1): 37-40. Eng. Sum. Jan 1973

080539 421 EN85
Elateridae fauna of higher Vogelsberg Nature Park (Coleoptera). (Ger) Rupp, R *Entomol Z* 83 (10): 105-116. Ref. May 15, 1973

080540 421 EN85
On presence & ecology of Amathes sincera (Lepidoptera, Noctuidea) in Estonia. (Ger) Skvortsov, V *Entomol Z* 83 (10): 117-120. Ref. May 15, 1973

080541 421 EN85
Two varying Papilio forms from East Asia (Lepidoptera, Papilionidae). (Ger) Nikodemus, K H *Entomol Z* 83 (8): 90-92. Apr 15, 1973

080542 421 EN85
Ecological & zoogeographical study of Sphingidae in Greece (Lepidoptera). (Ger) Koutsaftikis, A *Entomol Z* 83 (8): 93-95. Apr 15, 1973

080543 421 EN8
More revisional notes on oriental butterflies. Eliot, J N *Entomologist (london)* 106 (1316): 1-24. Jan 1973

080544 QL461.E53
Contributions to knowledge of Dysmictocarabus solieri Dej. VI. Dysmictocarabus solieri clairi devellei natio noava. (Fre) Tarrier, M *Entomops* 28: 123-126. Jan 15, 1973

080545 QL461.E53
Contributions to knowledge of Dysmictocarabus solieri Dej. V. Study of chromatic sympatry of Dysmictocarabus solieri solieri Dejean & Dysmictocarabus solieri clairi Gehin & on original determinism of filiation of intermediary forms. (Fre) Tarrier, M *Entomops* 28: 97-122. Jan 15, 1973

080546 QL461.E53
Description of new species & subspecies of Zygaenidae from morocco. (Fre) Dujardin, F *Entomops* 29: 135-160. Apr 15, 1973

080547 QL461.E53
Dysmictocarabus solieri clairi Gehin: Labelled as coming from Tende pass, is he really from La Brigue? (Fre) Tarrier, M *Entomops* 58: 126-128. Jan 15, 1973

080548 QL461.E532
Systematics & biology of four Polish species of Peristenus Foerster (Hymenoptera: Braconidae, Euphorinae). Loan, C C *Environ Entomol* 2 (2): 271-278. Apr 16, 1973

080549 442.8 F27
Presence of Chionea in Messaure district. (Swe) Mendl, H *Fauna Flora (uppsala)* 67 (5): 200-201. Map. Nov 1972

080550 410 F662
New Danish discovery of Stenamma westwoodi Westw. & Myrmecina graminicola Latr. (Hymenoptera, Formicidae). (Dan) Skott, C *Flora Fauna* 79 (1): 11. Mar 1973

080551 410 F662
Stenocranus Fieber, 1866 in Denmark (Hemiptera, Delphacidae). (Dan) Trolle, L *Flora Fauna* 79 (1): 12-14. Eng. Sum. Mar 1973

080552 410.9 W26F
Oribatei (Acari) new for Poland. III. (Pol) Niedbala, W *Fragm Faun* 18 (10): 183-196. Ref. Eng. Sum. Nov 1972

080553 410.9 W26F
Aphidological notices from Babia Gora mountains (Homoptera, Aphidodea). (Pol) Szelegiewicz, H *Fragm Faun* 18 (12): 205-243. Sept 30, 1972

080554 410.9 W26F
Material on distribution of caddisflies (Trichoptera) in Poland. II. (Pol) Riedel, W *Fragm Faun* 18 (13): 245-256. Oct 5, 1972

080555 410.9 W26F
Survey on Polish species of family Pipunculidae (Diptera). (Pol) Bankowska, R *Fragm Faun* 18 (14): 257-273. Ref. Oct 5, 1972

080556 S51.E2
Thrips of Georgia, suborder Terebrantia. Beshear, R J *Ga Exp Sta Res Bull* 122, 26 P. Jan 1973

080557 509 W96
Heteroptera fauna of the Central Neckar Valley and adjacent plateaus (Districts Nurtingen, Reutlingen, Tubingen). (Ger) Rieger, C *Ges Naturkd Wurttemb Jahresh* 127: 120-172. Ref. 1972

080558 410 G79
Neartic desert Decticidae (Orthoptera). II. A new genus & species from Arizona. [Platyoplus]. Tinkham, E R *Great Basin Natur* 33 (1): 43-50. Ref. Mar 31, 1973

080559 410 G79
An unusual population of spiders in Utah. [Neoscona oaxacensis]. Allred, D M *Great Basin Natur* 33 (1): 51-52. Mar 31, 1973

080560 QL461.M5
Perlodidae (Plecoptera) of Wisconsin. Hilsenhoff, W L *Great Lakes Entomol* 6 (1): 1-14. Ref. Spring 1973

080561 QL461.M5
Five species of ant genus Acanthomyops (Hymenoptera: Formicidae) at Edwin S. George Reserve in southern Michigan. Talbot, M *Great Lakes Entomol* 6 (1): 19-22. Spring 1973

080562 QL461.M5
Moths taken in Berrien County, Michigan (With 102 new county records). Rahn, R A *Great Lakes Entomol* 6 (1): 23-29. Spring 1973

080563 100 C12H
Biological & taxonomic studies of Signiphora borinquensis, new species, (Hymenoptera: Signiphoridae), a primary paras Quezada, J R *Hilgardia* 41 (18) 543-604. Ref. Mar 1973

080564 QL566.H8
Braconidae. 5. Microgasterinae & Ichneutinae. Shenefelt, R D *Hymenopterorum Cat Nova Ed* Pt. 9: 669-812. 1973

080565 513 IN25B
Studies on some spiders of family Gnaphosidae, from India. Tikader, B K *Indian Acad Sci Proc Sect B* 77 (5): 186-189. May 1973

080566 504 B835B
Taxonomic revision of Bombyliidae of Senegal (Diptera: Brachycera). 3. (Fre) Francois, F *Inst Roy Sci Natur Belg Bull* 48 (4), 39. Ref. Oct 31, 1972

080567 475 IS7
Four new species & a subspecies of Cicadellidae: Euscelinae from central Anatolia. (Tur) Kalkandelen, A *Istanbul Univ Fen Fak Mecmuasi* 37 (3/4): 153-163. Eng. Sum. 1972

080568 410 J828
Leafhoppers (Auchenorrhyncha: Homoptera) of acidic grassland. Waloff, N *J Appl Ecol* 10 (1): 189-212. Ref. Apr 1973

080569 421 J828
A new genus & two new species of North American Leeuwenhoekiine chiggers (Acarina, Trombiculidae). [Xenodontacarus]. Loomis, R B *J Med Entomol* 10 (2): 113-117. Ref. Apr 25, 1973

080570 421 J828
Laelapine mites of Echinolaelaps complex from Nigeria with description of a new species (Acarina: Mesostigmata). Okerecke, T A *J Med Entomol* 10 (2): 117-123. Ref. Mar 25, 1973

080571 421 J828
Two new species of Trichosurolaelaps (Acarina: Laelapidae, Hirstionyssinae) from New Guinea. Tenorio, J M *J Med Entomol* 10 (2): 147-157. Ref. Apr 25, 1973

080572 421 J828
Ixodes (Partipalpiger) ovatus Neumann, subgen. nov.: identity, hosts, ecology, & distribution (Ixodoidea: Ixodidae). Hoogstraal, H *J Med Entomol* 10 (2): 157-164. Apr 25, 1973

080573 421 J828
Descriptions of two new species of Culex (Lophoceraomyia) with notes on three other species form Papuan subregion (Diptera: Culicidae). Sirivanakarn, S *J Med Entomol* 10 (2): 212-216. Apr 25, 1973

080574 410 L57
Appearance & behavior of Philanthus triangulum in Netherlands. (Dut) Simon Thomas, R T *Levende Natuur* 76 (3): 64-70. Mar 1973

080575 410.9 L64
New scorpions from Israel, Jordan & Arabia. [Compsobuthus, Buthacus, Vachoniolus]. Levy, G *Linn Soc London J Zool* 52 (2): 113-140. Mar 1973

080576 420 M922
Subgenus Magnoraphidia Aspock et Aspock (Neuroptera, Raphidioptera, Raphidiidae, Raphidia L.). (Ger) Aspock, H *Munich Entomol Ges Mitt* 62: 13-30. Ref. Eng. Sum. 1972

080577 514 N482
Supplement to list of Isometopidae (Heteroptera: Cimicoidea). Eyles, A C *N Z J Sci* 15 (4): 463-464. Dec 1972

080578 514 N482
Genus Austrosimulium tonnoir (Diptera: Simuliidae) with particular reference to New Zealand fauna. Dumbleton, L J *N Z J Sci* 15 (4): 480-584. Map. Ref. Dec 1972

080579 Q180.J3K6
Spiders of Hidaka mountain range, Kokkaido, Japan. (Jap) Yaginuma, T *Nat Sci Mus (tokyo)* 5: 17-32. Ref. Eng. Sum. Nov 1972

080580 Q180.J3K6
Some Chilopods of Hidaka mountain range in Hokkaido, northern Japan. Shinohara, K *Nat Sci Mus (tokyo)* 5: 65-73. Ref. Nov 1972

080581 410.9 V672
Revision of western Palearctic species of genus Lampra Lac., (Coleoptera, Buprestidae). (Ger) Hellrigl, K G *Naturhist Mus Wien Ann* 76: 649-708. Map. Apr 1972

080582 410.9 V672
Basilia mongolensis nudior subsp. n. including notes on Nycteribiidae & Streblidae from Thrace (Diptera, Pupipara). (Ger) Hurka, K *Naturhist Mus Wien Ann* 76: 709-713. Map. Apr 1972

080583 442.8 N22
New & little known species of tydeid mites (Acariformes, Tydeidae) fauna of Crimea. [Triophtydeus, Paralorryia, Tydeus]. (Rus) Kuznetsov, N N *Nauch Dokl Vyssh Shk, Biol Nauk* 3: 13-18. Ref. 1973

080584 442.8 N22
Four new species of Miridae (Heteroptera) from Far East of USSR. [Psallus (Apocremnus) crataegi, Orthotylus riparius, Compsidolon kerzhneri, Phylus stundjuki]. (Rus) Kulik, S A *Nauch Dokl Vyssh Shk, Biol Nauk* 3: 19-23. 1973

080585 QL757.A1P32
On species of Ixodes persulcatus group (Parasitiformes, Ixodidae(. VII. Palaeogenesis of southern branch of Ixodes persulcatus group & interrelations with Ixodes ricinus (L.). (Rus) Filippova, N A *Parazitologiia* 7 (1): 3-13. Ref. Eng. Sum. Jan/Feb 1973

080586 QL757.A1P32
Determination of mosquito females by microscopic preparations of head. II. A key to genera & subgenera. (Rus) Gutsevich, A V *Parazitologiia* 7 (2): 106-110. Eng. Sum. Mar/Apr 1973

080587 QL757.A1P32
New species of biting midges of genus Culicoides (Diptera, Ceratopogonidae) from Central Tien Shan. (Rus) Glukhova, V M *Parazitologiia* 7 (2): 111-115. Eng. Sum. Mar/Apr 1973

080588 QL757.A1P32
New species of biting midges of genus Culicoides [pamiricus] (Diptera, Ceratopogonidae) from West Pamir. (Rus) Zhogolev, D T *Parazitologiia* 7 (2): 185-186. Eng. Sum. Mar/Apr 1973

080589 QL757.A1P32
Bloodsucking Diptera from central regions of Magadan district. (Rus) Mirzaeva, A G *Parazitologiia* 7 (2): 97-105. Eng. Sum. Mar/Apr 1973

080590 442.9 P87
Investigations on fauna Ephemoptera in Wielkopolska (Great Poland). IV. Analysis of Baetis tricolor Tsher. variability & a description of Baetis calcaratus sp. n. (Pol) Keffermuller, M *Pozan Tow Przyjaciol Nauk Komisja Biol Prace* 35 (4), 45 P. Ref. Eng. Sum. 1972

080591 421 P95
Nearctic spider genus Pisaurina (Pisauridae). Carico, J E *Psyche* 79 (4): 295-310. Maps. Dec 1972

080592 421 P95
On some tertiary sawflies (Hymenoptera, Symphyta) from Colorado. Zhelochovtzev, A N *Psyche* 79 (4): 315-327. Ref. Dec 1972

080593 421 P95
A new Argentine species of Coccygomimus (Hymenoptera, Ichneumonidae). [Jakulicai]. Porter, C C *Psyche* 79 (4): 328-334. Dec 1972

080594 421 P95
Genus Corinna (Araneae, Culbionidae) in Panama. Chickering, A M *Psyche* 79 (4): 365-378. Dec 1972

080595 S544.3.M6M6
Fleas of Montana. [Siphonaptera]. Jellison, W L *Res Rep Mont Agric Exp Stn Mont State Univ* 29, 81 P. Ref. Apr 1973

080596 420 SO12
Zoological collectings by Hungarian Natural History Museum in Korea. 2. A report on collecting of Second Expedition. Papp, J *Rovartani Kozlemenyek* 25 (10): 187-227. 1972

080597 420 SO12
Study of macroleidoptera fauna of southeastern costal area of Lake Balaton (Balatonszabadi – Zamardi) (Lepidoptera). (Hun) Rezbanyai, L *Rovartani Kozlemenyek* 25 (11): 229-252. Map. Ref. 1972

080598 420 SO12
A new Cerambicidae species in Hungarian fauna [Strangalia arcuata]. (Hun) Racz, G *Rovartani Kozlemenyek* 25 (11): 501. 1972

080599 420 SO12
Lachnidae fauna of Hungary (Homoptera). (Ger) Halmagyi, L *Rovartani Kozlemenyek* 25 (12): 253-261. Map. Ref. 1972

080600 420 SO12
Insect pests of Pinus stands in Poland. (Ger) Sierpinski, Z *Rovartani Kozlemenyek* 25 (13): 263-269. 1972

080601 420 SO12
Taxonomical & morphological correlations between European genera of subtribe Thripina (Thysanoptera). (Ger) Schliephake, G *Rovartani Kozlemenyek* 25 (14): 271-277. 1972

080602 420 SO12
Euaesthetus superlatus Pey., new in Hungary (Coleoptera, Staphylinidae). (Ger) Puthz, V *Rovartani Kozlemenyek* 25 (16): 291-295. 1972

080603 420 SO12
Changes in Coleoptera fauna on surface of cultivated fields after herbicides application. (Ger) Muller, G *Rovartani Kozlemenyek* 25 (17): 297-305. Ref. 1972

080604 420 SO12
Aphrastobracon antefurcalis (Szepl.), an Ethiopian braconid species caught near Rijeka, Yugoslavia (Hymnoptera, Braconidae). (Hun) Papp, J *Rovartani Kozlemenyek* 25 (18): 307-311. Ref. Eng. Sum. 1972

080605 420 SO12
Relics of Coleoptera fauna in primeval forest of Pannonian climate area in eastern Austria. (Ger) Franz, H *Rovartani Kozlemenyek* 25 (19): 313-325. 1972

080606 420 SO12
Some animal relics of interest in Central European fauna & their biophore (Insecta). (Ger) Povolny, D *Rovartani Kozlemenyek* 25 (20): 327-333. 1972

080607 420 SO12
State of knowledge concering family Byrrhidae (Coleoptera). (Ger) Paulus, H *Rovartani Kozlemenyek* 25 (21): 335-348. Map. Ref. 1972

080608 420 SO12
Bees of mesophilic meadows & prairie forests in Slovakia (Hymenoptera, Apoidea). (Ger) Belakova, A *Rovartani Kozlemenyek* 25 (22): 349-358. Map. 1972

080609 420 SO12
Taxonomical research of European Helodidae (Coleoptera). (20. Contribution to study of Helodidae). (Ger) Klausnitzer, B *Rovartani Kozlemenyek* 25 (23): 359-365. Ref. 1972

080610 420 SO12
New & little known mite species from France (Acari, Tarsonemina). [Pygmodispus, Imparipes, Scutacarus]. (Ger) Mahunka, S *Rovartani Kozlemenyek* 25 (24): 367-380. 1972

080611 420 SO12
Zoological collectings by by Hungarian Natural History Museum in Korea. 8. Coleoptera, Staphylinidae, Steninae (125. Contribution to study of Steninae). (Ger) Puthz, V *Rovartani Kozlemenyek* 25 (26): 401-405. 1972

080612 420 SO12
Entomolgical explorations in Ghana by Dr. S. Endrody-Younga. 5. Bostrychidae (Coleoptera). Damoiseau, R *Rovartani Kozlemenyek* 25 (27): 407-412. 1972

080613 420 SO12
Results of zoological research by Dr. Z. Kaszab in Mongolia. 291. Amara species of Mongolia (Coleoptera, Carabidae). (Ger) Hieke, F *Rovartani Kozlemenyek* 25 (28): 413-443. Ref. 1972

080614 420 SO12
Keys to Families & Genera of European Annulipalpia (Trichoptera). Steinmann, H *Rovartani Kozlemenyek* 25 (29): 445-468. 1972

080615 420 SO12
A new species of Ischiolepta [Oedopoda] (Diptera, Sphaeroceridae). Papp, J L *Rovartani Kozlemenyek* 25 (30): 469-472. 1972

080616 420 SO12
Rare Coleoptera species (Trox cadaverinus Ill.) in forest of Debrecen. (Hun) Fintha, I *Rovartani Kozlemenyek* 25 (33): 499-500. 1972

080617 420 SO12
New mountain inhabiting species in insect fauna of szamos area. (Hun) Fintha, I *Rovartani Kozlemenyek* 25 (33): 500-501. 1972

080618 420 L84
A review of classification of Cerylonidae (Coleoptera, Clavicornia). Gupta, T S *Roy Entomol Soc London Trans* 124 (4): 365-446. Ref. Apr 17, 1973

080619 501 L84PB
Pleistocene Helophorus (Coleoptera, Hydrophilidae) from Borislav & Starunia in western Ukraine, with a reinterpretation of M. Lomnicki's species, description of a new Siberian species, & comparison with Bri Angus, R B *Roy Soc London Phil Trans Ser B Biol Sci* 23 (2): 299-326. Ref. Apr 12, 1973

080620 501 L84B
Patterns of variation in a number of genetic systems in Maniola jurtina; boundary region. Handford, P T *Roy Soc London Proc Ser B Biol Sci* 183 (1072): 265-384. Ref. May 15, 1973

080621 501 L84B
Patterns of variation in a number of genetic systems in Maniola jurtina: Isles of Scilly. Handford, P T *Roy Soc London Proc Ser B Biol Sci* 183 (1072): 285-300. Ref. May 15, 1973

080622 410.9 SA63
Neotropical Scolytoidea. XII. 295. Contribution to morphology & systematics of Scolytoidea. (Ger) Schedl, K E *Sao Paulo Dep Zool Papeis Avulsos* 26 (11): 149-1729 eng. Sum. Feb 26, 1973

080623 410.9 SA63
Notes on Callichromatini (Coleoptera, Cerambycidae). (Fre) Demets, Y *Sao Paulo Dep Zool Papeis Avulsos* 26 (12): 173-177. Ref. Eng. Sum. Feb 26, 1973

080624 410.9 SA63
Type-material of Lepidoptera of Rhopalocera contained in collections of Museu de Zoologia da Universidade de Sao Paulo. Lamas M, G *Sao Paulo Dep Zool Papeis Avulsos* 26 (13): 179-185. Ref. Feb 26, 1973

080625 410.9 SA63
New & little known Neotropical Coleoptera. 1. Introduction & Brazilian species of nosodendron (Nosodendridae). [Nosodendron angelum, Nosodendron testudinum]. Reichardt, H *Sao Paulo Dep Zool Papeis Avulsos* 26 (15): 193-199. Feb 26, 1973

080626 410.9 SA63
Notes on Cerambycidae (Coleoptera). VIII. (Por) Martins, U R *Sao Paulo Dep Zool Papeis Avulsos* 26 (16): 201-213. Ref. Eng. Sum. Feb 26, 1973

080627 410.9 SA63
New & little known Neotropical Coleoptera. II. rediscovery of Georyssus humeralis Pic, 1923 (Georyssidae). Reichardt, H *Sao Paulo Dep Zool Papeis Avulsos* 26 (20): 247-251. Feb 26, 1973

080628 410.9 SA63
Notes on grammar of names in Dermaptera. Steyskal, G C *Sao Paulo Dep Zool Papeis Avulsos* 26 (21): 253-257. Ref. Feb 26, 1973

080629 410.9 SA63
Some comments on genus Ctenodontina Enderlein (Diptera, Asilidae), with description of a new species from coastal Peru. [Ctenodonina mochica]. Lamas M, G *Sao Paulo Dep Zool Papeis Avulsos* 26 (23): 275-280. Feb 26, 1973

080630 410.9 SA63
Notes on some Brazilian harvestmen (Opiliones, Gonyleptidae & Phalangodidae). Soares, B A M *Sao Paulo Dep Zool Papeis Avulsos* 26 (5): 55-65. Aug 15, 1972

080631 410.9 SA63
A new brazilian panopine species, Exetasis eickstedtal reared from theraphosid spider, Lasiodora klugi koch), with a description of its immature larval stages (Diptera, Acroceridae). Schlinger, E I *Sao Paulo Dep Zool Papeis Avulsos* 26 (7): 73-82. Ref. Aug 15, 1972

080632 410.9 SA63
New species of Neoelmis from South America (Coleoptera, Elmidae). Hinton, H E *Sao Paulo Dep Zool Papeis Avulsos* 26 (9): 117-135. 1972

080633 410.9 SE5
Three new species of Megachilidae from Mexico (insecta, Hymenoptera, Apoidea). [Osmia sangrita, Osmia tequila, Ulanthidium interdisciplinaris]. (Ger) Peters, D S *Senckenb Biol* 53 (5/6): 373-382. Ref. Eng. Sum. Dec 22, 1972

080634 410.9 SE5
A new Osmia [kaarikalensis] from southern India (Insecta, Hymenoptera, Apoidea, Megachilidae). (Ger) Peters, D S *Senckenb Biol* 53 (5/6): 383-385. Eng. Sum. Dec 22, 1972

080635 410.9 SE5
Simulium indicum in Nepal (Diptera, Simuliidae). (Ger) Lewis, D J *Senckenb Biol* 53 (5/6): 387-390. Dec 22, 1972

080636 410.9 SE5
Strepsiptera from Senckenberg Museum. II. Mengenillidae. (Ger) Kinzelbach, R K *Senckenb Biol* 53 (5/6): 403-409. Eng. Sum. Dec 22, 1972

080637 410.9 SE5
Collembola fauna of Moravia & Slovakia (Insecta: Collembola). (Ger) Paclt, J *Senckenb Biol* 53 (5/6): 411-425. Dec 22, 1972

080638 410.9 SE5
Two new terrestrial isopod species from Greece (Crustacea, Isopoda). [Stenophiloscia pieperi, Cristarmadillidium gavdense]. (Ger) Schmalfuss, H *Senckenb Biol* 53 (5/6): 427-430. Dec 22, 1972

080639 410.9 SE5
Ausobskya athos, first representative of Laniatorid harvestmen from Greece (Opiliones, Phalangodidae). With notes on classification of European Laniatores. (Ger) Martens, J *Senckenb Biol* 53 (5/6): 431-440. Map. Ref. Eng. Sum. Dec 22, 1972

080640 410.9 SE5
European Hydropsychidae (Insecta, Trichoptera). III. (Ger) Tobias, W *Senckenb Biol* 53 (5/6: 391-401. Ref. Dec 22, 1972

080641 505 R292
Second capture in France of Basilia italica Theodor, 1954, (Diptera, Nycteribiidae): Presence in Anjou. (Fre) Beaucournu, J C *Soc Sci Bretagne Bull (Sci Math Phys Natur)* 47 (1/2): 119-122. Ref. 1972

080642 505 R292
Ctenophthalmus (Medictenophthalmus) russulae galloiberidus ssp. Nova of France & Spain (Siphonaptera, Hystrichopsyllidae). (Fre) Beaucournu, J C *Soc Sci Bretagne Bull (Sci Math Phys Natur)* 47 (1/2): 123-126. 1972

080643 442.9 SP13
Notes on Anobiides (Coleoptera). LVI-LVII. [Xyletininae]. (Spa) Espanol, F *Spain Inst Biol Apl Publ* 52: 49-65. Ref. Sept 1972

080644 442.9 SP13
Notes on Anobiidae (Coleoptera). LXI-LXIII. (Spa) Espanol, F *Spain Inst Biol Apl Publ* 53: 61-80. Ref. Dec 1972

080645 442.9 SP13
On some faunistic & ecological characters of Machiladae from central Cordillera & province of Salamanca. (Spa) Piella, C B *Spain Inst Biol Apl Publ* 53: 81-118. Map. Ref. Dec 1972

080646 505 T64
Dixinae from Corsica collected 1959-1966. (Fre) Sicart, M *Toulouse Soc Hist Natur Bull* 108 (1/2): 45-52. 1St/2nd Quarters 1972

080647 505 T64
Female genitalia of Dixinae from Corsica. (Fre) Sicart, M *Toulouse Soc Hist Natur Bull* 108 (1/2): 53-57. 1St/2nd Quarters 1972

080648 1 AG84TE
A revision of genus Sennius of North & Central America (Coleoptera: Bruchidae). Johnson, C D *U S D A Tech Bull* 1462, 135 P. Mar 1973

080649 500 W276J
North American species of Calosota curtis (Hymenoptera: Eupelmidae). Burks, B D *Wash Acad Sci J* 63 (1): 26-31. Mar 1973

080650 100 W75R
Dermestidae of Wisconsin, primarily as represented in University of Wisconsin Insectarium. Bayer, L J *Wis Agr Exp Sta Res Rep* r2381, 12 P., Map. Apr 1972

080651 20.5 Z5
Phytoseiulus persimilis Athias-Henriot in southern part of France. (Fre) Rambier, A *Zeszyty Probl Postepow Nauk Roln* 129: 89-91. 1972

080652 410 R92
Revision of subfamily Brevipalpinae (Trombidiformes, Tenuipalpidae). (Rus) Mitrofanov, V I *Zool Zh* 52 (4): 507-512. Eng. Sum. Apr 1973

080653 410 R92
Three new species of genus Paralorryia (Acariformes, Tydeidae) from Nikitsky Botanical Gardens. (Rus) Kuznetsov, N N *Zool Zh* 52 (4): 604-606. Eng. Sum. Apr 1973

080654 410 R92
Landscape distribution of oribatids in Tadzhikistan. (Rus) Khristov, V V *Zool Zh* 52 (4): 606-608. Ref. Eng. Sum. Apr 1973

080655 410 R92
A new species of genus Nematoplus [semenovi] LeC. (Coleoptera, Cephaloidae) from South Maritime Territory. (Rus) Nikitskii, N B *Zool Zh* 52 (4): 609-612. Eng. Sum. Apr 1973

080656 410 R92
A new species of genus Apion [Tschernovi] from Taimyr Peninsula (Coleoptera, Apionidae). (Rus) Ter-Minasian, M E *Zool Zh* 52 (4): 615-616. Eng. Sum. Apr 1973

APICULTURE AND SERICULTURE

080657 S544.3.W6W53
Building & operating an observation beehive. Gojmerac, W L *A Coop Ext Programs Univ Wis* 2491, 4 P. Apr 1973

080658 15 AG84
A danger of phytosanitary treatments: Honey bees. [Apis mellifera]. (Spa) Asensio De La Sierra, E *Agric Rev Agropecu* 42 (490): 78-81. Feb 1973

080659 424.8 AM3
Enzootic levels of nosema disease in untreated & fumagillin treated apiaries in Minnesota. [Apis mellifera]. Furgala, B *Amer Bee J* 113 (6): 210-212. June 1973

080660 424.8 AM3
An automatic honey bee counting & recording device (apicard) for possible systems analysis of a standard colony. [Apis mellifera]. Burrill, R M *Amer Bee J* 113 (6): 216-218. June 1973

080661 424.8 AM3
Microorganisms & diseases encountered in continuous bee production. [Apis mellifera]. Gilliam, M *Amer Bee J* 113 (6): 222-223. Ref. June 1973

080662 QL752.A1A5
A contribution to physiologicsl study of starvation in an insect. II. Effects of larval starvation on nymphs & eggs of following generation. [Bombyx mori]. (Fre) Baud, L *Ann Zool Ecol Anim* 5 (1): 1-11. Ref. Eng. Sum. 1973

080663 381 AR2
Studies on silk fibroin of silkworm Bombyx mori. Sridhara, S *Arch Biochem Biophys* 156 (1): 168-175. Ref. May 1973

080664 381 B522
Studies on silk fibroin of Bombyx mori directly extracted from sok gland. I. Molecular weight determination in guanidine hydrochloride or urea solutions. Sasaki, T *Biochim Biophys Acta* 310 (1): 76-90. Ref. May 17, 1973

080665 381 B522
Studies on silk fibroin of Bombyx mori directly extracted from silk gland, iI. Effect of reduction of disulfide bonds & subunit structure. Sasaki, T *Biochim Biophys Acta* 310 (1): 91-103. Ref. May 1973

080666 444.8 C73
Unusual electrophoretic behavior of proteins from honey bee hemolymph. [Apis mellifera]. Gilliam, M *Compar Biochem Physiol* 45 (2B): 463-466. Ref. Jun 15, 1973

080667 QH506.C8
Active transport of potassium & other alkali metals by isolated midgut of silkworm. Harvey, W R *Curr Top Membr Transp* 3: 367-410. Ref. 1972

080668 420 EN822
Pollination of blueberries in Saint Jean Lake area. I I. Role of bumblebee, Bombus spp. (Fre) Bigras-Huot, F *Entomol Soc Quebec Ann* 18 (1): 15-36. Ref. Jan 1973

080669 QL461.E532
Surfactants in water drown honey bees. [Apis mellifera, herbicides, toxicity]. Moffett, J O *Environ Entomol* 2 (2): 227-231. Apr 16, 1973

080670 QL461.E532
A bioassay for determining honey bee responses to flower volatiles. [Apis mellifera]. Waller, G D *Environ Entomol* 2 (2): . Ref. Apr 16, 1973

080671 QL461.E532
Artificial rearing of Harmonia axyridis on pulverized drone honey bee brood. [Apis mellifera]. Okada, I *Environ Entomol* 2 (2): 301-302. Apr 16, 1973

080672 442.9 H79
Development of autosexing silkwork breeds in Japan. [Bombyx mori]. (Jap) Hirobe, T *Inst Radiat Breed Jap Gamma Field Symp* 10: 59-60. Mar 1973

080673 444.8 Z3
Evaluation of odor & color signals as aids to orientation at feeding site by Apis mellifera L. (Ger) Kriston, I *J Comp Physiol* 84 (1): 77-94. Ref. Eng. Sum. 1973

080674 448.3 J823
Gluconic acid-producing bacteria from honey bees & ripening honey. [Gluconobacter, Apis mellifera]. Ruiz-Argueso, T *J Gen Microbiol* 76 (1): 211-216. Ref. May 1973

080675 421 J825
Isolation of diapause hormone from silkworn, Bombyx mori. Isobe, M *J Insect Physiol* 19 (6): 1221-1239. Ref. June 1973

080676 421 J826
The effect of presence of a queen upon outbreak of a hairless-black syndrome in the honey bee. [Apis mellifera]. Kulincevic, J M *J Invertebrate Pathol* 21 (3): 241-247. May 1973

080677 280.8 K79
Silk production in medieval Japan. Kamiki, T *Kobe Univ Econ Rev* 18: 29-41. 1972

080678 11 L293
Notes on apiculture. (Swe) Gustavsson, I *Lantbrukstidskr Jamtland Harjedalen* 26 (1): 20-22. 1973

080679 41.8 M463
Diseases of honey-bee in Lodz province in 1964 – 1971. [Apis mellifera]. (Pol) Mendelewska, J *Med Wet* 29 (3): 143. Mar 1973

080680 425.9 M58
Experiments on methods of preservation of silkworm eggs. [Bombyx mori]. (Pol) Descours, J *Milanowek Lab Jedwabiu Natur Prace* 17 (26): 27-44. Eng. Sum. 1972

080681 425.9 M58
Study on some Polish silkworm hybrids (Bombyx mori L.) reared in Bulgaria. (Fre) Christov, D *Milanowek Lab Jedwabiu Natur Prace* 17 (26): 45-59. Eng. Sum. 1972

080682 425.9 M58
Studies on some aspects of polyhybrid silkworm (Bombyx mori L.) eggs preservation in climatic conditions of Poland. (Pol) Szuba, M *Milanowek Lab Jedwabiu Natur Prace* 17 (26): 5-25. Ref. Eng. Sum. 1972

080683 425.9 M58
Bibliography of Polish literature on sericulture (supplement for 1971). (Pol) Zulawska, Z *Milanowek Lab Jedwabiu Natur Prace* 17 (26): 61-65. 1972

080684 19.5 P752
A contribution ot study of exterior of head of workers of honey bee. [Apis mellifera]. (Slo) Rekos, J *Pol'nohospodarstvo* 19 (1): 25-29. Eng. Sum. 1973

080685 334.8 R11
Radiation effects on hemolymph free amino acid pool of honeybee prepupa (Apis mellifera) & waxmoth larva (Galleria mellonella). Richardson, B L *Radiat Res* 54 (2): 274-283. Ref. May 1973

080686 442.8 R326
Comparative study of sensory organs in bees with different methods of communication. [Apis, Melipona]. (Por) Moraes, R L M S de *Rev Brasil Biol* 32 (2): 185-196. Ref. Eng. Sum. Aug 1972

080687 49 T443
Towards industry-like honey production. (Ger) Kettner, H *Tierzucht* 27 (1): 44-47. Jan 1973

080688 41.8 V6499
Determination of acetylcholinesterases in normal & poisoned honey bees. [Insecticide toxicity]. (Ita) Derevici, A *Veterinaria (milano)* 21 (5/6): 255-266. Ref. Sept/Dec 1972

080689 41.8 V6426
Identifying pathogen of American foulbrood disease of bees in honey. [Bacillus larvae, Apis mellifera]. (Rus) Smirnov, A M *Veterinariia* 10: 120-121. Oct 1972

080690 41.8 V6426
Effect of antibiotics & chemicals on paramecia & Nosema in bees. [Apis mellifera]. (Rus) Madatov, R I *Veterinariia* 10: 95-96. Oct 1972

080691 275.29 W27MI
Insecticide toxicity to honey bees. [Apis mellifera]. Johansen, C *Wash State Univ Ext Em* 2805, Rev., 2 P. Feb 1973

080692 421 Z36
Invivo & in vitro anticholinesterase activity of Matacil & Dursban in relation to temperature. [Apis mellifera]. El-Sayed, A M K *Z Angew Entomol* 73 (2): 132-136. May 1973

AGRICULTURAL ENGINEERING

080693 S544.3.W6W53
Solid manure handling for livestock housing, feeding & yard facilities in Wisconsin. Bruns, E G *A Coop Ext Programs Univ Wis* A2418, 86 P., Map. Nov 1972

080694 S544.3.W6W53
Using hand signals for agriculture. [Safety]. *A Coop Ext Programs Univ Wis* 2478, 3 P. Mar 1973

080695 11 AL8K
Farm accidents. (Swe) Stuart, E *Alvsborgs Lans Sodra Hushallningssallsk Tidskr* 1: 8-9. Feb 1973

080696 47.8 R523
Shelter & equipment for pigeons. (Ita) Zanoni, G *Avicoltura* 42 (3): 63-66. Mar 1973

080697 47.8 B26
Inexpensive, modern rabbit cage for household farming. (Hun) Hegedus, J *Baromfiipar* 20 (2): 76-79. 1973

080698 47.8 B262
Problems of intesive rabbit rearing. I. Optimal climatic condition. (Hun) Tibor, G *Baromfitenyesztes* 17 (2): 26-27. Feb 1973

080699 47.8 B262
Some problems of intensive rabbithusbandry. II. Climate control in rabbithousing g. (Hun) Gippert, T *Baromfitenyesztes* 17 (3): 24-25. Mar 1973

080700 47.8 B262
Safety regulations in hatcheries. (Hun) Torok, S *Baromfitenyesztes* 17 ï(3): 10-11. Mar 1973

080701 296.8 AR1
Sanitation of stall construction components. (Ger) Mittrach, B *Bauen Lande* 23 (11): 343-345. Nov 1972

080702 296.8 AR1
Methods of housing for dairy cattle. (Ger) Wenner, H L *Bauen Lande* 24 (2): 30-33. Feb 1973

080703 296.8 AR1
Economical building types for dairy cattle housing. (Ger) Piotrowski, J *Bauen Lande* 24 (2): 34-39. Feb 1973

080704 296.8 AR1
Housing methods for bull fattening. (Ger) Koller, G *Bauen Lande* 24 (2): 40-43. Feb 1973

080705 296.8 AR1
Capital-saving building types for bull fattening. (Ger) Eichhorn, H *Bauen Lande* 24 (2): 44-48. Feb 1973

080706 296.8 B324
High tank for liquid manure from prefabricated concrete parts. (Ger) Hart, C T *Beton Landbau* 10 (1): 12-14. Jan/Feb 1973

080707 296.8 B324
Planning & construction of stalls for large stocks. (Ger) Eichhorn, H *Beton Landbau* 10 (1): 3-8. Jan/Feb 1973

080708 296.8 B324
Storage hall for loose commercial fertilizers. (Ger) Sinn, W *Beton Landbau* 10 (1): 9-11. Jan/Feb 1973

080709 S15.C625
Silos for forage. (Spa) Checa Espana, J *Bol Agropecu CICOLAC (cia Colomb Aliment Lacteos Serv Agropecu)* 13, 47 P. Aug 1972

080710 281.9 C332
Determination of optimum capacity of buildings for animal production. (Cze) Machala, J *Cesk Akad Zemed Ustav Vedeckotech Inform Zemed Ekon* 19 (1): 19-24. Jan 1973

080711 44.8 D1444
Round yard aids managemant. [Cows]. Potts, A K *Dairy Top* 18 (1): 9-11. Jan 1973

080712 58.8 D482
Lightning damage to an entire metal shed. (Ger) Brendel, K *Deut Agrartech* (11): 511-514. 1972

080713 58.8 D482
Connection with electrical energy & its dangers. (Ger) Polansky, J *Deut Agrartech* (11): 513-514. 1972

080714 58.8 D482
Tasks of agricultural engineers in socialist farm enterprise. [East Germany]. (Ger) Winkel, H *Deut Agrartech* 1: 32-33. 1973

080715 58.8 D482
Combined installation for separation & storage of potatoes for consumption & seed potatoes & their handling. (Ger) Pinske, V *Deut Agrartech* 2: 62-66. 1973

080716 58.8 D482
New technology of swine rearing. (Ger) Bondarev, O G *Deut Agrartech* 2: 65-67. 1973

080717 58.8 D482
Problems of length of parlour in cattle litterless stall systems. (Ger) Lommatzsch, R *Deut Agrartech* 2: 73-75. 1973

080718 58.8 D482
On heat production of livestock – a contribution to bases of calculating stall climate. (Ger) Bauer, W *Deut Agrartech* 2: 82-85. 1973

080719 58.8 D482
'beinerstadt' system of aeration for chopped feed. (Ger) Stengler, K H *Deut Agrartech* 4: 152-155. 1973

080720 58.8 D482
Results of design of an automated stationary method of clear water irrigation. (Ger) Wirsching, G *Deut Agrartech* 4: 161-163. 1973

080721 58.8 D482
An automated system for dispatcher control of forage distribution. (Ger) Bel'denkov, V A *Deut Agrartech* 4: 180-181. 1973

080722 58.8 D482
Possibilities of using unified methods of removing manure in cattle breeding & milk production. (Ger) Franz, K H *Deut Agrartech* 4: 182-184. 1973

080723 99.82 D81
Wood products in sanitary facilities of agricultural buildings. (Slo) Knapo, A *Drevo* 28 (3): 80-82. Eng. Sum. Mar 1973

080724 58.8 K55
Equipping of horticultural structures. 3. Installation of th e greenhouse. 1. Hot air heater. (Jap) Yamamoto, K *Farm Mech* 3: 41-47. Mar 1973

080725 58.8 K55
Suggestions for safety of farm work: what is secret to prevent accidents? 3. Actual condition of farm accidents caused by tractor. (Jap) Saguchi, T *Farm Mech* 3: 65-69. Mar 1973

080726 43.8 F32
Feedlot design & construction. Gill, D *Feedlot Manage* Special No: 34-36, 84. Nov 1972

080727 60.8 F742
Cabinet type drying oven for forage crops. Heinrichs, D H *Forage Notes (Ottawa)* 18 (1): 45-47. Spring 1973

080728 19 F75
Agricultural engineering documentation & information. Of State Research & Testing Station Wieselburg. [Austria]. (Ger) Hammerschmid, W *Forderungsdienst* 21 (1): 22-23. Jan 1973

080729 80 G1948
Recommended project of a cold storage for 3600 tons of fruit. (Ger) Pinske, V *Gartenbau* 19 (9): 204-205. Sept 1972

080730 80 G1948
Conversion of old buildings for fruit storage. (Ger) Fleck, G *Gartenbau* 19 (9): 206. Sept 1972

080731 281.8 G76
Poor maintenance can be costly. [Grain storage structures]. Forney, B E *Grain Age* 14 (5): 8, 10. May 1973

080732 80 G833
Controlled environments: performance & potentials. [Greenhouses]. Chan, A *Greenhouse Garden Grass* 11 (4): 67-73. Winter 1972

080733 44.8 H65
Planning for outside bunks? [Feed storage]. Bates, D W *Hoards Dairyman* 118 (10): 680, 685. May 25, 1973

080734 55.9 IN222
Design, construction & maintenance of agricultural drainage systems. Mohanty, R B *India Cent Board Irrig Power Publ* 118 (V. 1): 123-137. Dec 1972

080735 20 M57AG
Programmed device for regulation of air regime in greenhouses. (Ger) Natov, S *Int Z Landwirt* 2: 239-240. 1973

080736 20 M57AG
Development of material-technical bases for agriculture in Czechoslovakia. [Mechanization, farm buildings]. (Ger) Boudny, J *Int Z Landwirt* 4: 465-470. 1972

080737 20 M57AG
Use of electric & heat energy by agriculture in member countries of Council for Mutual Economic Assistance. (Ger) Scheremetjew, G *Int Z Landwirt* 6: 691-695. 1972

080738 20 M57AG
Consumption normatives of electirc energy in cattle industry. [Bulagria]. (Ger) Parmakov, D *Int Z Landwirt* 6: 696-700. 1972

080739 QH540.J6
Environmental control in animal shelters using power plant thermal effluents. [Broilers, swine]. Hirst, E *J Environ Qual* 2 (2): 166-171. Ref. Apr/June 1973

080740 QH540.J6
Integrated systems for utilizing waste heat from stream electric plants [Agricultural waste]. Boersma, L *J Environ Qual* 2 (2): 179-187. Ref. Apr/June 1973

080741 QH540.J6
Heat transfer models for a subsurface, water pipe, soil-warming system. Kendrick, J H *J Environ Qual* 2 (2): 188-196. Apr/June 1973

080742 QH540.J6
Ecological management of thermal discharges. [Waste heat utilization]. Oswald, W J *J Environ Qual* 2 (2): 203-207. Ref. Apr/June 1973

080743 QH540.J6
Conceptual design of a food complex using waste warm water for heating. [Greenhouses]. Beall, S E *J Environ Qual* 2 (2): 207-215. Ref. Apr/June 1973

080744 QH540.J6
Simulation model to study utilization of waste heat using a combination multiple reservoir & greenhouse complex. Price, D R *J Environ Qual* 2 (2): 216-224. Apr-/June 1973

080745 QH540.J6
An economic analysis of selected agricultural uses of warm water in Pacific Northwest resulting from electric power generation. [Greenhouse heating]. Johns, R W *J Environ Qual* 2 (2): 224-228. Ref. Eng. Sum. Apr/June 1973

080746 11 L2322
Legislation affecting construction of agricultural buildings. (Dan) Brusendorff, I *Landbonyt* 27 (4): 222-227. Apr 1973

080747 11 L236
Two story cold air drying house for grain. (Nor) Klykken, O *Landbrukstidende* 79 (11): 260-261, 263, 265, 267, 269. Mar 17, 1973

080748 TJ1480.A1L3
Agricultural engineering highlights in North America. (Ger) Petersen, R *Landmaschinenmarkt* 52 (1): 34-35. Eng. Sum. Mar 26, 1973

080749 58.8 L235
Equipment for sheep raising. (Ger) Blanken, G *Landtechnik* 27 (23/24): 606-610. Dec 1972

080750 58.8 L235
Buildings for swine production. (Ger) Schade, H *Landtechnik* 28 (5): 138-143. Mar 15, 1973

080751 11 L234
Pole barn or simple tower – alternative to conventional hay barn. (Swe) Sundahl, A M *Lantmannen* 84 (5): 6-7. Mar 16, 1973

080752 S560.M32
Construction of farm buildings as influenced by agricultural administration. (Fin) Vaananen, E *Maataloushallinnon Aikak* 1: 1-5. 1973

080753 58.8 M467
Mechanization for further intensification of agricultural production. (Cze) Petrik, M *Mech Zemedel* 23 (4): 121-124. 1973

080754 58.8 M467
Usefulness of using gas in agricultural enterprises. (Cze) Andert, A *Mech Zemedel* 23 (4): 152-157. 1973

080755 58.8 M467
New directions in use of electricity in agricultural production. (Cze) Listov, P N *Mech Zemedel* 23 (4): 158-159. 1973

080756 58.8 M467
Economics of use of electricity in agriculture. (Cze) Scurov, S V *Mech Zemedel* 23 (4): 159-160. 1973

080757 80 M97
Mushroom house ventilation in theory & practice. 2. Edwards, R L *Mga Bull (Mushroom Growers Assoc)* 4: 166-170, 173-174, 176. Ref. Apr 1973

080758 18 N39
Prefabricated building for swine houses? (Ger) Schulte-Uentrop, B *Mitt Deut Landwirt-ges* 88 (18): 512, 514. May 3, 1973

080759 S11.N93
Using technology & biology in designing cattle stalls. (Dan) Jorgensen, M *Nye Dan Landbrug* 4 (4/5): 10-13. Apr/May 1973

080760 S11.N93
Different types of stall construction; a price analysis. (Dan) Lund, J W *Nye Dan Landbrug* 4 (4/5): 35-39. Apr/May 1973

080761 S11.N93
Insulating capacity of floors in swine sheds. (Dan) *Nye Dan Landbrug* 4 (4/5): 42-43. Apr/May 1973

080762 19.5 P752
Thermotechnical properties of outer walls & ceiling of an experimental calf-house at Rastislavice. (Slo) Janac, K *Pol'nohospodarstvo* 19 (1): 59-70. Eng. Sum. 1973

080763 S19.P7
Evaluation of rural houses. [India]. Chandra, S *Progr Farming* 9 (9): 20-21. May 1973

080764 86 W123J
Construction & installation of flower bulb sheds. [Soil temperature]. (Dut) Spoelstra, P A *Publ Inst Tuinbouwtech (wageningen)* 77: 22-23. Eng. Sum. 1972

080765 86 W123J
Shape & construction of greenhouses. (Dut) Spek, J C *Publ Inst Tuinbouwtech (wageningen)* 77: 25-30. Eng. Sum. 1972

080766 86 W123J
Quantitative analysis of energy, moisture & carbon dioxide exchange in greenhouses. (Dut) Stoffers, J A *Publ Inst Tuinbouwtech (wageningen)* 77: 31-34. Eng. Sum. 1972

080767 86 W123J
Automation of installations in greenhouses. [Control equipment]. (Dut) Drenth, A van *Publ Inst Tuinbouwtech (wageningen)* 77: 35-37. Eng. Sum. 1972

080768 86 W123J
Air conditioning systems in mushroom houses. (Dut) Arkenbout, J *Publ Inst Tuinbouwtech (wageningen)* 77: 38-40. Eng. Sum. 1972

080769 86 W123J
Development of calculations for greenhouse construction. (Dut) Spek, J C *Publ Inst Tuinbouwtech (wageningen)* 77: 41-42. Eng. Sum. 1972

080770 86 W123J
Transport system in greenhouses. (Dut) Andrea, C P *Publ Inst Tuinbouwtech (wageningen)* 77: 47-48. Eng. Sum. 1972

080771 86 W123J
Transportation system in greenhouses. (Dut) Brands, J T *Publ Inst Tuinbouwtech (wageningen)* 77: 49-52. Eng. Sum. 1972

080772 86 W123J
Cost comparison of heating methods. [Greenhouses]. (Dut) Vissia, R *Publ Inst Tuinbouwtech (wageningen)* 77: 82-83. Eng. Sum. 1972

080773 HD9235.P8S9
Storage design & equipment for environmental control in potato stores. 2. Control of environment. Statham, O J H *Rep Potato Mark Board Sutton Bridge Exp Stn* 6, 59 P. Ref. Apr 1973

080774 S13.S55
On expediency of using 'non-peak' electric power for supplying hot water to animal industry. (Rus) Zisman, I P *Sib Vestn S-kh Nauk* 6: 92-95. Nov/Dec 1972

080775 S671.S8
Mechanization of large-scale production forms of cattle breeding – housing systems for cattle & calves (Review). (Cze) Burget, S *Stud Inf Zemed Tech* 5, 96 P. Ref. Eng. Sum. 1972

080776 46.8 SU3
Heating by infrared rays. [Swine houses]. (Ita) *Suinicoltura* 14 (3): 27-30. Mar 1973

080777 S9.T4
Electricity pushes forward farm in silence & with profit. [Rural electrification]. (Ita) Vonini, V *Terra Vita* 13 (47): 28-29. Dec 1, 1972

080778 49 T443
Adequate facilties for keeping non-pregnant & pregnant sows to intensify production. (Ger) Glende, P *Tierzucht* 27 (5): 223-227. May 1973

080779 49 T443
Possibilities of creating additional housing capacity for a short-term increase in pork production. (Ger) Richter, H *Tierzucht* 27 (5): 228-230. May 1973

080780 49 T443
Adequate ways of rationalization for keeping more weaners & finishing pigs. (Ger) Klatt, G *Tierzucht* 27 (5): 231-234. May 1973

080781 49 T445
Farrowing stalls. (Ger) Schlichting, M C *Tierzuchter* 24 (23): 700-701. Dec 5, 1972

080782 49 T445
Building stable – once less expensive. (Ger) Moller, M *Tierzuchter* 25 (1): 30-32. Jan 1973

080783 49 T445
Technique of regulating stall climate. (Ger) Weghe, H Van den *Tierzuchter* 25 (3): 124-127. Mar 5, 1973

080784 11 T58
Protecting agricultural buildings from rats. [Maintenance]. (Dan) Wichmand, H *Tolvmandsbladet* 45 (1): 37-39. Jan 1973

080785 58.8 T69
Distribution of petroleum products in 1971. [Fuel, agricultural machinery]. (Ita) *Trattorista* 18 (18): 10-11. Sept 30, 1972

080786 58.8 T69
'Protagri': a new exhibition for greenhouse culture equipment. (Ita) Luccitti, L *Trattorista* 18 (18): 6-7. Sept 30, 1972

080787 58.8 T69
Poland in search of a proper place under sun. [Agricultural machinery, trade]. (Ita) Bonini, V *Trattorista* 18 (18): 8-10. Sept 30, 1972

080788 1 AG84M
Poultry house caged layers dept. of agriculture. *U S D A Misc Publ* 1263, 2 P. Apr 1973

080789 1 AG84M
Poultry house: caged layers, deep pit. *U S D A Misc Publ* 1270, 2 P. June 1973

080790 18 UB3
Self construction: A mode? [Farm buildings]. (Ger) Ackermann, K H *Ubersicht* 24 (4): 264-265. Apr 14, 1973

080791 18 UB3
An adjustable heat source for piglet house: Installation systems for electric floor heating. (Ger) Thorwarth, T *Ubersicht* 24 (4): 266-273. Apr 14, 1973

080792 TC801.V9
Hose line irrigation sets. (Cze) Oujezdsky, J *Ved Pr* 10: 49-67. Ref. Eng. Sum. 1973

080793 41.9 V83
Improving microclimate of hen houses with use of TG-1 heat generator. (Rus) Zakrevskii, M I *Vitebsk Vet Inst Uch Zap* 25: 153-157. 1972

080794 49.9 R92
Improving technology of livestock housing & zootechnical norms for construction & operation of animal quarters & farms. (Rus) Devin, K P *Vses Nauchissled Inst Zhivotn Tr* 34: 234-240. 1972

080795 275.29 W522M
Farm house plans. Bell, W E *W Va Univ Ext Misc Publ* 351, 20 P. 1973 ?

080796 275.29 W522M
Low cost plastic-film covered growth tunnels for West Virginia. [Greenhouses]. Scott, E G *W Va Univ Ext Misc Publ* 468, 6 P. 1973 ?

FARM EQUIPMENT

080797 58.8 AG83
Do tractors last too long? Pfister, R G *Agr Eng* 54 (5): 12-13. May 1973

080798 16 AG8259
Theoretical considerations on an oscillating machine 'Brenig HSK'. [Tractors]. (Ita) Bartalini, F *Agric Ital* (New Ser.27) 72 (5): 315-333. Eng. Sum. Sept/Oct 1972

080799 14 AG823
Development of agricultural mechanization. (Fre) Cochet, J *Agric Rev Men Tech Econ* 362: 44-48. Feb 1973

080800 4 AM34P
Experimental grassland renovator. Smith, E M *Agron J* 65 (3): 506-508. Ref. May/June 1973

080801 511 AK192D
Evaluating equipment used for batching microsupplements of vitamins & blending mixed feeds. (Rus) Pakarskite, K IU *Akad Nauk Litov Ssr Darbai Tr Ser C* 4: 171-175. Eng. Sum. 1972

080802 S15.A52
Glossary of agricultural machinery. (Spa) Gonzalez, A J *Anu Latinoam* (Special No.): 22, 24, 26, 28, 30, 32, 34, 39. 1973

080803 65.9 AU7
What made Australian cane cutter so durable? Morrison, J F *Australian Sugar Year Book* 32: 45-47. 1973

080804 65.9 AU7
Chopper harvester trials in Central District. Henderson, C S *Australian Sugar Year Book* 32: 93, 95, 97. 1973

080805 S760.A75A35
Important role of reversible Nippon plows for multiple cropping in Asia. Matsuyama, A *AMa (agric Mech Asia)* 4 (1): 101-105. Spring 1973

080806 S760.A75A35
Trend of pesticides applicator in study. Takenaga, T *AMa (agric Mech Asia)* 4 (1): 120-127. Spring 1973

080807 S760.A75A35
A system for selection of agricultural machinery. Bender, F E *AMa (agric Mech Asia)* 4 (1): 85-88. Spring 1973

080808 S760.A75A35
History of development & classification of Japanese power tillers & hand tractors of multipurpose performance. Sakai, J *AMa (agric Mech Asia)* 4 (1): 89-94. Spring 1973

080809 S760.A75A35
Conceptional performance of Japanese power tillers & hand tractors for multipurpose farm works. Sakai, J *AMa (agric Mech Asia)* 4 (1): 95-100. Spring 1973

080810 S11.B43
Future of agricultural mechanization. (Dut) Coolman, F *Bedrijfsontwikkeling* 4 (4): 363-364. Apr 1973

080811 S11.B43
Mechanical harvesting of beans in European Economic Community. (Dut) Buishand, T *Bedrijfsontwikkeling* 4 (4): 383-387. Apr 1973

080812 66.8 B392
Some old seed sowing implements. Kelly, M J *Biatas* 27 (1): 6-7. Apr 1973

080813 58.9 B85M
Comparative tests of manure spreading trailers. (Hun) Kiss, A *Budapest Mezogazdasagi Gepkiserleti Intezet* 19 (3), 36 P. Eng. Sum. 1972

080814 275.29 C12I
Structural organization of California retail farm machinery industry. Paul, D A *Calif Univ Ext Inform Ser Agr Econ* 73-2, 25 P. Map. Mar 1973

080815 19.5 C333
Prospects in technology of sugar-beet harvesting after 1975. (Cze) Hutla, D *Cesk Akad Zemed Vestn* 20 (2): 85-86. 1973

080816 TP374.C6C6
Developments in corn harvester machinery. Best, A M *Corn Refiners Assoc Corn Annu* P. 8-9. 1973

080817 15 C89
Use of certain plants for construction material [Waste utilization]. (Spa) Noguera Pujol, J *Cult Mod* 56 (4): 35-36. Apr 1973

080818 58.8 D482
Co-operation with Soviet Union in development & manufacture of KS-6 sugar beet harvester & loader. (Ger) Rothig, H *Deut Agrartech* (11): 481-482. 1972

080819 58.8 D482
Design of KS-6 harvester & loader. (Ger) Hackel, K *Deut Agrartech* (11): 483-486. 1972

080820 58.8 D482
La direction automatique de l'arracheuse-chargeuse ks-6 automatrice. (Ger) Jakob, P *Deut Agrartech* (11): 487-489. Ref. 1972

080821 58.8 D482
Instructions concerning operation of, & experiences made with KS-i6 harvester & loader. (Ger) Rustig, M *Deut Agrartech* (11): 489-491. 1972

080822 58.8 D482
Sugar-beet growing & harvesting machinery in USSR. (Ger) Volkov, P *Deut Agrartech* (11): 492-494. 1972

080823 58.8 D482
Harvesting transports of sugar beet leaves [costs]. (Ger) Bergmann, D *Deut Agrartech* (11): 494-497. 1972

080824 58.8 D482
Exhaust-driven supercharger for tractor motors. (Ger) Schulz, H *Deut Agrartech* (11): 499-501. 1972

080825 58.8 D482
Constructiona dn operation method of linear motors. (Ger) Burghardt, K *Deut Agrartech* (11): 501-506. 1972

080826 58.8 D482
New technical solutions & requirements of technique of unloading & transporting in agriculture. (Ger) Strouhal, E *Deut Agrartech* (11): 503-506. 1972

080827 58.8 D482
Stationary care of agricultural equipment. (Ger) Maul, W *Deut Agrartech* (11): 506-509. 1972

080828 58.8 D482
Technique of developing implements for soil cultivation. (Ger) Lucius, J *Deut Agrartech* (11): 515-5179 1972

080829 58.8 D482
An electric five-component measuring device. [Agriculture]. (Ger) Plotner, K *Deut Agrartech* (11): 517-519. 1972

080830 58.8 D482
A device for determining external & internal coefficient of friction of grabular bulk materials. (Ger) Firus, S *Deut Agrartech* (11): 520-523. 1972

080831 58.8 D482
Complex operation of 8-ton manure spreaders. (Ger) Muller, H *Deut Agrartech* 1: 17-19. 1973

080832 58.8 D482
Effect of care & maintenance on limit of useful life of agricultural equipments. (Ger) Borrmann, K D *Deut Agrartech* 1: 31-32. 1973

080833 58.8 D482
A profile measuring device for determining opening of soil by means of loosening implements. (Ger) Plotner, K *Deut Agrartech* 1: 40-42. 1973

080834 58.8 D482
Comparison of power required for soil tilling by means of various implements. (Ger) Bernacki, H *Deut Agrartech* 1: 5-8. 1973

080835 58.8 D482
Operating results obtained with a spade rolling harrow in soil tilling. (Ger) Plotner, K *Deut Agrartech* 1: 8-10. 1973

080836 58.8 D482
Use of feeding installation for feed concentrates in herringbone milking parlour M 632. (Ger) Hanel, A *Deut Agrartech* 2: 41-73. 1973

080837 58.8 D482
Specializedpotato harvesters & harvesting technology in Byelorussian Soviet Socialist Republic. (Ger) Hussainov, J N *Deut Agrartech* 2: 60-62. 1973

080838 58.8 D482
Method for spreading liquid manure by means of vehicles. (Ger) Kreiss, K *Deut Agrartech* 2: 75-78. 1973

080839 58.8 D482
Trial stations for testing durability of gears. (Ger) Achterberg, H *Deut Agrartech* 2: 92-94. Ref. 1973

080840 58.8 D482
Equipments for tillage & farming. (Ger) Kolk, W D *Deut Agrartech* 22 (12): 538-541. Dec 1972

080841 58.8 D482
Machinery & equipment for soil improvement. (Ger) Schulte, K H *Deut Agrartech* 22 (12): 542-543. Dec 1972

080842 58.8 D482
Trends in mechanization of grain harvesting. (Ger) Hieronimus, K *Deut Agrartech* 22 (12): 549-550. Dec 1972

080843 58.8 D482
Further development in testing & controlling agricultural implements. (Ger) Schumann, E *Deut Agrartech* 22 (12): 554-556. Dec 1972

080844 58.8 D482
Field traveling distances of harvesters & transport vehicles in industrial plant production. (Ger) Ehlich, M *Deut Agrartech* 4: 156-157. 1973

080845 58.8 D482
Possibilities of automating irrigation. (Ger) Voigt, D *Deut Agrartech* 4: 158-161. Ref. 1973

080846 58.8 D482
Suitable uses, constructive design & testing of sunk hydrants for irrigation equipment. (Ger) Ahlgrimm, H *Deut Agrartech* 4: 163-165. 1973

080847 58.8 D482
New results obtained with development of rollable irrigation pipes. (Ger) Kreienbrink, H J *Deut Agrartech* 4: 166-168. 1973

080848 58.8 D482
Corrosion problems relating to application of agrochemicals. (Ger) Held, H U *Deut Agrartech* 4: 168-170. 1973

080849 58.8 D482
Resistance & break-up of soil in use of cultivating equipment. (Ger) Plotner, K *Deut Agrartech* 4: 187-190. 1973

080850 18 D4825T
Possible utilization of combine harvesters during harvest campaign. [Grain]. (Ger) Kroschewski, A *Deut Akad Landwirtschaftswiss Tagungsber* 119: 223-229. Eng. Sum. 1972

080851 18 D4825T
Loss measurements of combine harvester. (Ger) Zehler, W *Deut Akad Landwirtschaftswiss Tagungsber* 119: 231-237. Eng. Sum. 1972

080852 49 B462
Modern methods for harvesting of hay. [Equipment]. (Fre) Maton, I A *Elevage* 17: 51, 53, 55-57, 59, 61-63, 65-67, 69, 71, 73-74. Apr 1973

080853 49 B462
Less coughing, better index of consumption with liquid feeding of swine. [Equipment]. (Fre) Lovelidge, B *Elevage* 17: 97, 99, 101. Apr 1973

080854 58.8 K55
Lectures on farm machinery for easy understanding. 52. Tractor. 13. Its mechanism. (Jap) Sakaida, J *Farm Mech* 3: 48-53. Mar 1973

080855 58.8 K55
Automatization of farm work. 3. Development of unmanned farming mechanics. (Jap) Kanasu, M *Farm Mech* 3: 60-64. Mar 1973

080856 18 W763
Optimum plot arrangement for use of rolling sprinkler lines. (Ger) Stopel, R *Feldwirtschaft* 14 (4): 169-171. Apr 1973

080857 18 W763
Use of E 280 in straw collection: Experience & findings. [Harvesting equipment]. (Ger) Herrmann, K *Feldwirtschaft* 14 (5): 206-207. May 1973

080858 60.8 F742
A simple mill for bluegrass seed. [Poa pratensis]. Smith, J D *Forage Notes (Ottawa)* 18 (1): 42-44. Spring 1973

080859 19 F75
Fall protection for tractors forcefully prescribed. (Ger) Ruth, P *Forderungsdienst* 21 (1): 21-22. Jan 1973

080860 58.9 F843B
Worst of all, that's exaggeration! [Tractors, accident prevention]. (Fre) Carillon, R *France Centre Nat Etud Exp Mach Agr Bull Inform* 182/183: 1-3. Mar/Apr 1973

080861 58.9 F843B
General information on agricultural equipment & agriculture: new International Harvester (IH) body for rapid plowing. (Fre) Dalleinne, M E *France Centre Nat Etud Exp Mach Agr Bull Inform* 182/183: 13-14. Mar/Apr 1973

080862 58.9 F843B
General information on agricultural equipment & agriculture: Tour notes. [Tillage machinery]. (Fre) Dalleinne, M E *France Centre Nat Etud Exp Mach Agr Bull Inform* 182/183: 15-19. Mar/Apr 1973

080863 58.9 F843B
Automation in milking parlor. (Fre) Amram, Y *France Centre Nat Etud Exp Mach Agr Bull Inform* 182/183: 21-23. Mar/Apr 1973

080864 58.9 F843B
Development of forage cutting equipment. (Fre) Pelletier, M L *France Centre Nat Etud Exp Mach Agr Bull Inform* 182/183: 25-26. Mar/Apr 1973

080865 58.9 F843B
Desilers for trench silos. (Fre) Collignon, C *France Centre Nat Etud Exp Mach Agr Bull Inform* 182/183: 33-38. Mar/Apr 1973

080866 58.9 F843B
Mechanization of grape harvesting: A new & important step taken. (Fre) Raynaud, P *France Centre Nat Etud Exp Mach Agr Bull Inform* 182/183: 39-41. Mar/Apr 1973

080867 86 N28
Automatic loading & unloading trucks. (Dut) Wiedenhoff, H *Fruitteelt* 63 (18): 490-491. May 5, 1973

080868 86 N28
Requirements of tractors. (Dut) Cate, H R ten *Fruitteelt* 63 (18): 492-493. May 5, 1973

080869 86 N28
Hydraulic driver for drilling post holes & planting holes. (Dut) Vrie, C v d *Fruitteelt* 63 (18): 494. May 5, 1973

080870 86 N28
Spraying & spraying equipment. (Dut) Wegenaar, C *Fruitteelt* 63 (18): 505. May 5, 1973

080871 86 N28
Positioning of harvesting equipment. [Fruit]. (Dut) Vrie, C v d *Fruitteelt* 63 (18): 506-508, 511. May 5, 1973

080872 86 N28
Combination mowing/spraying equipment. (Dut) Wiedenhoff, H *Fruitteelt* 63 (18): 510-511. May 5, 1973

080873 86 N28
Water supply. [Irrigation, equipment]. (Dut) Cate, H R ten *Fruitteelt* 63 (18): 512-513. May 5, 1973

080874 86 N28
Methods of transportation for covering great distances. [Fruit]. (Dut) Vrie, C van de *Fruitteelt* 63 (18): 514-515. May 5, 1973

080875 80 R52
A machine facilitating harvesting of cauliflowers. (Ita) Ponzio, A *Frutticoltura* 35 (2): 19-22. Feb 1973

080876 80 G1948
Experience concerning mechanical sweet cherry harvest. (Ger) Stortzer, M *Gartenbau* 20 (2): 48-49. Feb 1973

080877 80 G1948
Results of practical tests for suitability of pneumatic devices for fruit-tree pruning. (Ger) Wolf, R *Gartenbau* 20 (3): 81-83. Mar 1973

080878 80 G1938
Watering in greenhouse. [Equipment]. (Nor) Stene, J *Gartneryrket* 63 (13): 265-266. Mar 30, 1973

080879 24 G25
Importance of agricultural mechanics courses in Mozambique. (Por) Berberan, J C *Gaz Agr (lourenco Marques)* 24 (279): 236-237. Aug 1972

080880 18 G312V
Agricultural vehicles in road traffic. (Ger) Mattig, *Ger (fed Repub) Landwirtsch Auswertungs Informations Dienst (veroff)* 354, 24 P. 1972

080881 58.8 G92
Effects on behavior of streams of granular material on spinning discs of fertilizer broadcasters. 2. (Ger) Gohlich, H *Grundlagen Landtech* 22 (2): 43-46. 1972

080882 11 H152
A backyard repair shop is essential for mechanized farming. (Swe) Helleberg, B *Hallands Lans Hushallningssallsk Tidskr* 16 (1): 20-22. Feb 1973

080883 HD2042.A1I4
Essence & stages of constructing an automatic control system on farm cooperatives. (Bul) Aikova, R *Ikon Sel Stop* 9 (8): 83-94. 1972

080884 SB112.V6
Development of new overhead irrigation equipment for Volga region. (Rus) Koriagin, A N *In Voprosy Podbema Proizvoditel'nykh Sil Sel'skogo Khoziaist Va i Razvitiia Oroshaemogo Zemledeliia v Povolzh'e* P. 239-243. 1972

080885 55.9 IN222
Use of interceptor drain as an anti-waterlogging measure. Sharma, H D *India Cent Board Irrig Power Publ* 118 (V. 1): 101-110 Dec 1972

080886 389.8 K832
Mechanization of pickling cucumber culture. (Ger) Kromer, K H *Indus Obst& Gemuseverwert* 58 (6): 165-169. Ref. Mar 15, 1973

080887 HD1945.A1I5
S.I.M.A 1973 [International Exhibition of Agricultural Machinery]: some thoughts. (Fre) Fievet, G *Inform Agr (paris)* 435: 47-49. Apr 1973

080888 20 M57AG
Development of material-technical bases for agriculture in Czechoslovakia. [Mechanization, farm buildings]. (Ger) Boudny, J *Int Z Landwirt* 4: 465-470. 1972

080889 20 M57AG
Trends in development of planting equipment. [Bulgaria]. (Ger) Georgiev, M *Int Z Landwirt* 4: 477-481. 1972

080890 20 M57AG
Forecasting of development of mechanization in agriculture [Poland]. (Ger) Wojcicki, Z *Int Z Landwirt* 6: 700-704. 1972

080891 20 M57AG
Detachable hydrants for sprinkling equipment of stationary irrigation system. (Ger) Vyrlev, I *Int Z Landwirt* 6: 705-707. 1972

080892 22 IN8
You can use these small implements for dry farming. Kherdekar, D N *Intensive Agr* 10 (12): 16-19. Feb 1973

080893 S19.I78
Agricultural mechanization in Israel research, development & application. Nivon, M *Isr Agric* P. 35-45. Spring 1973

080894 60.18 J82
Brush eradicating, basin pitting, & seeding machine for arid to semiarid rangeland. Abernathy, G H *J Range Manage* 26 (3): 189-192. May 1973

080895 58.8 J29
Drives of agricultural tractors of engineering interest. (Hun) Jurek, J *Jarmuvek Mezogazdasagi Gepek* 20 (2): 50-58, 75. Eng. Sum. Feb 1973

080896 SB354.J8
Application of modern mechanization in apple harvesting. (Cro) Furundzic, M *Jugosl Vocarstvo* 6 (19/20): 721-726. Eng. Sum. 1972

080897 75.8 K145
Latest about mechanical planting of presprouted potatoes. (Ger) Specht, A *Kartoffelbau* 24 (3): 76-77, 84. Mar 1973

080898 385 K524
Field sprayers with uniform drop size. (Rus) Dunskii, V F *Khim Sel'skom Khoz* 11 (3): 47-49. 1973

080899 HD1491.G3K6
Problems of maintaining agricultural machinery. (Ger) Klehm, G *Kooperation* 7 (2): 87-90. Feb 1973

080900 HD1491.G3K6
Each year fodder harvest is also a crucial test for agricultural machinery. (Ger) Jurgel, D *Kooperation* 7 (3): 124-128. Mar 1973

080901 11 L2322
Spreading artificial manure. [Equipment]. (Dan) Tonnesen, A *Landbonyt* 27 (3): 150-158, 160. Mar 1973

080902 58.8 L2352
Equipment for handling summer feed. (Dut) Offens, H P *Landbouwmechanisatie* 24 (4): 329-333. Apr 1972

080903 58.8 L2352
Ensilage of bales of dried grass using a bale claw. (Dut) Koning, Kde *Landbouwmechanisatie* 24 (4): 363-366. Eng. Sum. Apr 1972

080904 58.8 L239
Alpine farming: a study of problems associated with mechanisation of farming in Alpine green zone. (Ger) *Landmasch -Markt* 52 (4): 22-25. Eng. Sum. Mar 26, 1973

080905 TJ1480.A1L3
ELMIA 72: Scandinavia's agricultural machines stay with both feet on ground. (Ger) Stutzer, D *Landmaschinenmarkt* 51 (14): 28-29. Eng. Sum. Sept 7, 1972

080906 TJ1480.A1L3
Tractor power determines operations. (Ger) Petersen, R *Landmaschinenmarkt* 52 (1): 20-22. Eng. Sum. Mar 26, 1973

080907 58.8 L235
Trends in development of farm tractors. (Ger) Dohne, E *Landtechnik* 27 (21/22): 487-491. Nov 22, 1972

080908 58.8 L235
Trends in development of plant production equipment. I. tractor. (Ger) Wieneke, F *Landtechnik* 27 (21/22): 492, 494-496. Nov 22, 1972

080909 58.8 L235
Comfort & safety in riding. [Agricultural equipment]. (Ger) Gohlich, H *Landtechnik* 27 (21/22): 498, 500-501. Nov 22, 1972

080910 58.8 L235
Safety conditions of tractors. (Ger) Konig, A *Landtechnik* 27 (21/22): 502, 504, 506-508. Nov 22, 1972

080911 58.8 L235
Considerations on track width of tractors. (Ger) Schwanghart, H *Landtechnik* 27 (21/22): 509-511. Nov 22, 1972

080912 58.8 L235
Is there a clearly distinguishable trend in construction of tractor gears? (Ger) Flerlage, B *Landtechnik* 27 (21/22): 512-514, 516-519. Nov 22, 1972

080913 58.8 L235
Process of cutting, performance requirements & quality of cutting in mowing in free cuts. [Harvesting equipment]. (Ger) Dobler, K *Landtechnik* 28 (1): 14, 16-18. Jan 15, 1973

080914 58.8 L235
Equipment for removal of content from flat silos. (Ger) Riemann, U *Landtechnik* 28 (1): 18, 20-21. Jan 15, 1973

080915 58.8 L235
Evaluation of tractors. (Ger) Mannebeck, H *Landtechnik* 28 (1): 9-13. Jan 15, 1973

080916 59.8 L39
New revolutionary implement for works in plowing rice. (Por) Conill, A F *Lav Arrozeira* 26 (271): 37. Jan/Feb 1973

080917 58.8 D81
Large container – an economical means of transportation. (Ger) Hagedorn, W *Lohnunternehmen LandForstwirtsch* 28 (1): 24-27. Jan 1973

080918 58.8 D81
Trends of development of plant production equipment. (Her) Wienecke, F *Lohnunternehmen LandForstwirtsch* 28 (2): 60-64. Feb 1973

080919 58.8 M467
Application of tractors in agriculture. (Cze) Netik, O *Mech Zemedel* 23 (4): 134-137. 1973

080920 58.8 M467
Problems in development of tractors production. (Cze) Vrana, B *Mech Zemedel* 23 (4): 140-143. 1973

080921 58.8 M467
Tractor industry abroad. (Cze) Grecenko, A *Mech Zemedel* 23 (4): 143-147. 1973

080922 58.8 M467
Use of tractors in fodder harvesting. (Cze) Mikulik, J *Mech Zemedel* 23 (4): 148-149. 1973

080923 58.8 M467
Requirements for tractors in potatoes harvesting. (Cze) Sedlak, J *Mech Zemedel* 23 (4): 149-150. 1973

080924 58.8 M467
Tractors for sugar beet harvesting. (Cze) Mysak, J *Mech Zemedel* 23 (4): 150-152. 1973

080925 S13.M4
Complex mechanization in harvesting & after-harvest treatment of vegetables. (Cze) Fukale, E *Metod Zavadeni Vysledku Vyzk Praxe* 15, 25 P. Map. Ref. 1972

080926 S13.M4
Mechanization & automation in feeding dairy cows. (Cze) Blazek, J *Metod Zavadeni Vysledku Vyzk Praxe* 20, 32 P. 1972

080927 18 N39
Work organization & soil types influence equipment combinations. (Ger) Heege, H J *Mitt Deut Landwirt-ges* 87 (48): 1217-1218. Nov 23, 1972

080928 18 N39
Automatic drinking bowls for cattle approved by German Agricultural Association. (Ger) Alteneder, K *Mitt Deut Landwirt-ges* 88 (11): 300, 302. Mar 15, 1973

080929 18 N39
Fat pressing & compressors in DLG [German Agricultural Society] testing. (Ger) Alteneder, K *Mitt Deut Landwirtges* 88 (13): 358-361. Mar 29, 1973

080930 18 N39
Poultry cages approved by DGL [German Agricultural Society]. (Ger) Alteneder, K *Mitt Deut Landwirt-ges* 88 (17): 486-488. Apr 26, 1973

080931 22.5 M6932B
On trial production of tilling-seeder set to rotary tiller & application for wheat & paddu rice. (Jap) Nagata, M *Miyazaki Univ Fac Agr Bull* 19 (2): 355-365. Eng. Sum. Dec 1972

080932 22.5 M6932B
On performance of feed device in piston type seeder. (Jap) Nagata, M *Miyazaki Univ Fac Agr Bull* 19 (2): 411-418. Eng. Sum. Dec 1972

080933 58.8 M85
Reflections on equipment for working soil. (Fre) Renaud, J *Motorisation Agr* 27 (279): 7, 9, 11. Sept 1972

080934 275.29 N811EX
Shaped beds as an aid to mechanized crop production & harvesting. [Equipment]. Beasley, E O *N C Univ Ext Ext Folder* 306, 4 P. Feb 1973

080935 442.9 B832
Plot sprayers for testing herbicides. (Ger) Lyre, H *Nachrichtenbl Deut Pflanzenschutzdienstes* 24 (12): 195-196. Eng. Sum. Dec 1972

080936 442.9 B832
Effects of wear on accuracy of nozzles in plant protection. (Ger) Bredemeier, D *Nachrichtenbl Deut Pflanzenschutzdienstes* 25 (2): 23-26. Eng. Sum. Feb 1973

080937 11 N8122
What makes for better plowing? [Tractors]. (Nor) Sandkleiva, A *Norsk Landbruk* 4: 4-5. Feb 22, 1973

080938 20.5 N86
Selected trends in mechanization of operations connected with fertilizer use, with special reference to service. (Pol) Kiersnowski, J *Nowe Roln* 22 (7/8): 40-42. Apr 1/30 1973

080939 282.28 N98
Protective equipment for drains. (Nor) Hove, P *Ny Jord* 60 (1): 8-10. 1973

080940 449.8 EX8
How much spray is right amount? [Pesticides]. Roth, L O *Pest Contr* 41 (5): 19-20. May 1973

080941 21 R862
Rational exploitation of aircraft means in field crop protection. (Rum) Badea, I I *Probl Agr (bucharest)* 25 (3): 66-72. Mar 1973

080942 21 R862
Use of plant protection equipment in ceral & industrial plant crops. (Rum) Costache, N *Probl Agr (bucharest)* 25 (3): 73-78. Mar 1973

080943 21 R862
Mechanization of harvesting works in soybeans growing. (Rum) Nicsulescu, E *Probl Agr (bucharest)* 25 (4): 73-77. Apr 1973

080944 281.9 B87
S.I.M.A 1973 [International Exhibition of Agricultural Machinery]. II. Self-propelling ensilage harvesters. (Fre) Pregermain, J *Prod Agr Fr* 49 (127): 12-13. Apr 1, 1973

080945 281.9 B87
S.I.M.A 1973 [International Exhibition of Agricultural Machinery]. III. Check-row drills. (Fre) Barthelemy, J *Prod Agr Fr* 49 (127): 14-15, 17. Apr 1, 1973

080946 281.9 B87
S.I.M.A 1973 [International exhibition of Agricultural Machinery]. IV. Rotary milking equipment. (Fre) Billon, P *Prod Agr Fr* 49 (127): 20-22. Apr 1, 1973

080947 281.9 B87
S.I.M.A 1973 [International Exhibition of Agricultural Machinery]. I. Forage harvesting equipment. (Fre) Mosnier, M *Prod Agr Fr* 49 (127): 9-11. Apr 1, 1973

080948 86 W123J
Institute of Horticultural Engineering; annual report, 1972. (Dut) *Publ Inst Tuinbouwtech (wageningen)* 77, 108 P. Eng. Sum. 1972

080949 86 W123J
Mechanization of growing potted plants. (Dut) Postel, J H G *Publ Inst Tuinbouwtech (wageningen)* 77: 100-102. Eng. Sum. 1972

080950 86 W123J
Mechanization of vegetable growing in greenhouses. [Planting]. (Dut) Kraan, M v d *Publ Inst Tuinbouwtech (wageningen)* 77: 55-57. Eng. Sum. 1972

080951 86 W123J
Precision planter for bulbs. (Dut) Kraan, M v d *Publ Inst Tuinbouwtech (wageningen)* 77: 57-59. Eng. Sum. 1972

080952 86 W123J
Mech-7nization in mushroom growing. (Dut) Brands, J T *Publ Inst Tuinbouwtech (wageningen)* 77: 59-60. Eng. Sum. 1972

080953 86 W123J
Mechanization of outdoor vegetable growing. [Harvesting equipment]. (Dut) Brands, J T *Publ Inst Tuinbouwtech (wageningen)* 77: 61-64. Eng. Sum. 1972

080954 86 W123J
Improvement of work methods & organization in growing vegetables in greenhouses. [Transportation, packaging]. (Dut) Krijgsman, H K *Publ Inst Tuinbouwtech (wageningen)* 77: 68-71. Eng. Sum. 1972

080955 86 W123J
Mechanization of fruit growing; horticultural aspects. (Dut) Verheij, E W M *Publ Inst Tuinbouwtech (wageningen)* 77: 90-94. Eng. Sum. 1972

080956 24 R34
Threshing maize. Jones, M E *Rhodesia Agr J* 70 (2): 49. Mar/Apr 1973

080957 SF1.R54
A multiple-use machine for planting maize for second harvest. (Ita) Francia, E *Rilancio Agric Vet Zootec* 4 (7): 22-23. 1972

080958 100 SO82 (2)
A machine for pasture interseeding. Johnson, C E *S Dak Agr Exp Sta Circ* 206, 17 P. Mar 1972

080959 61.8 SE52
Development of improved vegetable seed combine. Klein, L M *Seed World* 111 (6): 4-5. May 1973

080960 65.8 SE4
Research in sugar beet harvesting. (Tur) Gobelez, M *Seker* 23 (86): 39-46. Jan 1973

080961 21 SE492
Problems & achievement of mechanized harvesting of vegetables. (Bul) Kumavov, B *Selskostop Nauk* 12 (1): 53-62. Eng. Sum. 1973

080962 S671.S4
Utilization of extreme experiment for determining optimum adjustment of threshers. (Bul) Mitkov, A *Selskostop Tekh* 9 (8): 73-80. Ref. 1972

080963 S13.S55
Basic principles of organization & methodological basis for scientific research on mechanization & electrification of agriculture. (Rus) Kubyshev, V A *Sib Vestn S-kh Nauk* 1: 65-71. Jan/Feb 1973

080964 S13.S55
Machines for cultivation of Solonets soils of Baraba region. (Rus) Strel'bitskii, V F *Sib Vestn S-kh Nauk* 1: 71-79. Jan/Feb 1973

080965 S671.S8
Mechanization of large-scale enterprises of cattle production – feeding of dairy cows & manure removal (Review). (Cze) Husek, J *Stud Inf Zemed Tech* 1, 84 P. Ref. Eng. Sum. 1973

080966 S671.S8
Transport means for farm materials (Review). (Cze) Burget, S *Stud Inf Zemed Tech* 7, 78 P. Ref. Eng. Sum. 1972

080967 S671.S8
Developmental trends in production of tractors & farm machinery in advanced capitalist countries Review. (Cze) Cempirek, B *Stud Inf Zemed Tech* 8, 80 P. Ref. Eng. Sum. 1972

080968 49 T445
Recommendations on tending of milking installations on pasture. (Ger) Wiesner, H U *Tierzuchter* 25 (4): 165-168. Apr 5, 1973

080969 49 T445
Technique of mobile feed vessels. [Swine]. (Ger) Ordolff, D *Tierzuchter* 25 (4): 170-171. Apr 5, 1973

080970 49 T445
Pasture milking: A problem? [Dairy equipment]. (Ger) Ordolff, D *Tierzuchter* 25 (4): 171-174. Apr 5, 1973

080971 HD9130.1.T6
A mechanical harvester for stalk-cut tobacco. Casada, J H *Tob Sci* 16: 147-149. 1972

080972 58.8 T69
Moldboard or disc plow? (Ita) Cattabriga, D *Trattorista* 18 (17): 10-11. Sep 15, 1972

080973 58.8 T69
A practical demonstration at S. Pietro in Gu; Machines for forage plants culture. (Ita) Gamberini, A *Trattorista* 18 (17): 12, 14. Sep 15, 1972

080974 58.8 T69
Mechanical harvesting of strawberries; results & tests in 1972. (Ita) Dallari, F A *Trattorista* 18 (17): 6. Sep 15, 1972

080975 58.8 T69
'chisel' used for tillage of soil. (Ita) Montani, M *Trattorista* 18 (17): 6-9. Sep 15, 1972

080976 58.8 T69
Agricultural mechanization in year 1980 in rice culture. (Ita) Pusterla, B *Trattorista* 18 (18): 14. Sept 30, 1972

080977 58.8 T69
A safety cabin for agricultural tractors. (Ita) Ricci, A *Trattorista* 18 (18): 4-5. Sept 30, 1972

080978 58.8 T69
Control of milking machines. (Ita) Sangiorgi, F *Trattorista* 18 (19): 10-13. Oct 15, 1972

080979 58.8 T69
Everything for maize at Livenza exhibition. [Machinery]. (Ita) Parisi, L *Trattorista* 18 (19): 18-21. Oct 15, 1972

080980 58.8 T69
Certification of agricultural machines. (Ita) *Trattorista* 18 (19): 22-23. Oct 15, 1972

080981 58.8 T69
A new machine for harvesting of tomatoes with destruction of plant. (Ita) Boni, E *Trattorista* 18 (20): 10-11. Oct 31, 1972

080982 58.8 T69
Machinery for pest disease control. [Plant protection]. (Ita) Romanello, G *Trattorista* 18 (20): 4-7. Oct 31, 1972

080983 80 T817
Four wheel drive tractor & greenhouse industry. (Dut) Veerman, J A *Tuinbouwberichten* 37 (3): 116-119. Mar 1973

080984 18 UB3
Practice as a referee: Practical test of International 946 & 1046. [Tractors]. (Ger) Heinecke, W *Ubersicht* 24 (4): 280-288. Apr 14, 1973

080985 S542.R6U5
Some studies concerning parameters of outlet tubes with oblique crack. [Equipment]. (Rum) Tircomnicu, D *Univ Craiova An Ser Iii-a Biol Stiint Agric* 3: 439-447. 1971 (Pub. 1972)

080986 11 UP62A
Water for cattle. [Equipment]. (Swe) Lundstrom, L *Uppsala Lantbrukshogsk Aktuellt Lantbrukshogsk* 191, 32 P. Ref. 1973

080987 41.9 V83
Interrelationships between energy indices & productivity in changes in speeds of tractor-mounted plowing & tilling units. (Rus) Kovalev, A I *Vitebsk Vet Inst Uch Zap* 25: 201-207. 1972

080988 58.9 V88M
Trials with Rapid 201, mechanical reaper. (Nor) *Vollebekk Landbrukstek Inst Meld* 335, 4 P. May 1972

080989 58.9 V88M
Trials with BM Volvo S 830, 9', automatic combine. (Nor) *Vollebekk Landbrukstek Inst Meld* 336, 11 P. May 1972

080990 58.9 V88M
Trials with Epple Mobil 940, 9' lautomatic combine. (Nor) *Vollebekk Landbrukstek Inst Meld* 3378 11 P. May 1972

080991 58.9 V88M
Trials with Zetor 5511 four wheel tractor. (Nor) *Vollebekk Landbrukstek Inst Meld* 338, 12 P. Nov 1972

080992 58.9 V88M
Trials with Fiat 500 DT four wheel tractor. (Nor) *Vollebekk Landbrukstek Inst Meld* 339, 14 P. Nov 1972

080993 58.9 V88M
Trials with Skalsvans, 24 plate harrow. (Nor) *Vollebekk Landbrukstek Inst Meld* 340, 3 P. Nov 1972

080994 58.9 V88M
Trials with Juko combination machine for row seeding & application of commercial fertilizer & planting of grain. (Nor) *Vollebekk Landbrukstek Inst Meld* 341, 10 P. Dec 1972

080995 58.9 V88M
Trials with Tume combination machine for row seeding, application of commercial fertilizer & planting of grain. (Nor) *Vollebekk Landbrukstek Inst Meld* 342, 10 P. Dec 1972

080996 20 AK1
On mechanical power in mechanical systems in random activities. [Equipment]. (Rus) Shepovalov, V D *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 10: 37-38. Oct 1972

080997 95.8 W435
Expenditure of time & energy in grape pruning. (Ger) Nord, O *Weinberg Keller* 20 (2): 63-104. Feb 1973

080998 103 G46W
Layout & equipment for handling dairy & suckler cows. Shepherd, C S *West Scot Agr Coll Bull* 157, 47 P. 1972

080999 58.9 C333
Resistivity of plough & specific consumption of Diesel oil in hillside ploughint. (Cze) Zak, K *Zemed Tech* 19 (1): 1-20. Eng. Sum. Jan 1973

081000 58.9 C333
Effect of different types of milking intensity measuring instruments on pressure conditions in milking machine. (Cze) Rysanek, D *Zemed Tech* 19 (1): 21-28. Ref. Eng. Sum. Jan 1973

SOIL SCIENCE

081001 S19.A32
Determination of soil moisture by neutron scattering. Shrivastava, N C *Agric Agro-ind J* 6 (3): 21-22. Mar 1973

081002 16 AG8259
Lithium content of soils & plants of clay areas of Tuscany. (Ita) Lotti, G *Agric Ital* (New Ser. 27) 72 (5): 350-357. Ref. Sept-/Oct 1972

081003 16 AG8259
Substrate adsorption in soil phosphatase activity determination using p-nitrophenylphosphate. (Ita) Nannipieri, P *Agric Ital* (New Ser. 27) 72 (6): 373-380. Ref. Eng. Sum. Nov/Dec 1972

081004 385 AG89
Effect of multiyear application of symtriazines on biological activity of soil. (Rus) Spiridonov, IU IA *Agrokhimiia* 3: 122-131. Ref. Mar 1973

081005 385 AG89
Electrometric methods of determining acitivity of ions in soils.1. Study of silver chloride electrodes for soil science application. (Rus) Krupskiĭ, N K *Agrokhimiia* 3: 132-138. Ref. Mar 1973

081006 385 AG89
Volumetric-titrometric method of determining calcium exchange in limed acid soils. (Rus) Aidinian, R Kh *Agrokhimiia* 4: 135-139. Apr 1973

081007 385 AG89
Balance of organic matter in different crop rotations in bog-podzolic soils. (Rus) Zubenko, V F *Agrokhimiia* 4: 61-68. Ref. Apr 1973

081008 385 AG89
Effect of peat on mobility of mineral compounds of phosphorus in soils. (Rus) Donskikh, I N *Agrokhimiia* 4: 94-97. Apr 1973

081009 S599.U4P6
Topsoil & natural conditions of Kirov Region. (Rus) Tiulin, V V *Agrokim Kharakt Pochv SSSR Pochv Inst Im V V Dokuchaeva* P. 157-233. Ref. 1972

081010 S599.U4P6
Conditions of soil formation & soil cover. (Rus) Klochkov, A M *Agrokim Kharakt Pochv SSSR Pochv Inst Im V V Dokuchaeva* P. 234-271, Map. Ref. 1972

081011 S599.U4P6
Agrochemical characteristics of soils of northwestern & central non-Chernozem zone of RSFSR. (Rus) Gavrilov, K A *Agrokim Kharakt Pochv SSSR Pochv Inst Im V V Dokuchaeva* P. 5-119. Map. Ref. 1972

081012 4 AM34P
Water loss from an irrigated sorghum field: i. Water flux within & below root zone. Stone, L R *Agron J* 65 (3): 492-495. May/June 1973

081013 4 AM34P
Water loss from an irrigated sorghum field: iI. Evapotranspiration & root extraction. [Sorghum]. Stone, L R *Agron J* 65 (3): 495-497. May/June 1973

081014 S15.A3
'sodic physical index' as a diagnostic in sodic soils. (Por) Sa e melo Marques, A *Agron Mocambicana* 6 (3): 201-210. Ref. Eng. Sum. July/Sept 1972

081015 26 AG87
Characteristics & genesis of a chronosequence of soil developed on alluvial plains between Bocono & Masparro Rivers, state of Barinas. (Spa) Schargel, R *Agron Trop (maracay)* 22 (4): 345-373. Ref. Eng. Sum. July/Aug 1972

081016 26 AG87
Salinity & alkalinity conditions in Quibor Depression, Lara State. [Soils]. (Spa) Zinck, A *Agron Trop (maracay)* 22 (4): 405-428. Eng. Sum. July/Aug 1972

081017 442.9 AK132
Qualitative evaluation of soils of Agdam District. (Aze) Babaev, M P *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 3: 54-58. Ref. 1972

081018 442.9 AK132
On salt yield of soils of Mil'sk steppe ih monoliths. (Aze) Tairov, Sh G *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 3: 59-64. 1972

081019 442.9 AK132
Concentrations of acid-soluble, exchange & water-soluble calcium in some soils of Azerbaijan & its accumulation in food products. (Rus) Kichibekov, B S *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 4: 36-42. 1972

081020 442.9 AK132
On group composition of humus in compact soils of Azerbaijan. (Rus) Kuleshov, L N *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 4: 43-48. 1972

081021 442.9 AK132
Interaction between aluminum & hydrogen ions absorbed by soils & potassium chloride & recognition of nature of exchange acidity. (Rus) Rustamov, M Sh *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 4: 49-54. Ref. 1972

081022 442.9 AK132
Mineralogical & chemical composition of highly-dispersed fraction of Takyr soils of Apsheron Peninsula & southeastern Shirvan. (Rus) Mikhailovskii, V B *Akad Nauk Azerbaidzh Ssr Izv Ser Bioi Med Nauk* 4: 8-12. Ref. 1972

081023 442.9 AK132
On problem of chemical-mineralogical composition of brown alpine-forest soils of Greater Caucasus. (Rus) Musabekova, E S *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 4: 90-95. 1972

081024 442.8 AL6
On role of vegetation in salt accumulation processes. [Plants, soils]. (Rus) Mozhaitseva, N F *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 1: 10-15. Jan/Feb 1973

081025 442.8 AL6
Soil features of chestnut zone of Aktiubinsk Region developed on chalk deposits. (Rus) Novikova, A G *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 1: 5-10. Jan/Feb 1973

081026 511 AK192D
Pedobiological characteristics of some soils in Lithuanian SSR. 10. Distribution of oribatids. (Rus) Eitminavicuite, I *Akad Nauk Litov Ssr Darbai Tr Ser C* 1: 109-117. Ref. Eng. Sum. 1973

081027 511 AK192D
Pedobiological characteristics od some soils in the Lithuanian SWR. 11. Distribution of Collembola. (Rus) Sukackiene, I *Akad Nauk Litov Ssr Darbai Tr Ser C* 1: 119-132. Ref. Eng. Sum. 1973

081028 511 AK192D
Pedobiological characteristics of some soils in the Lithuanain SSR. 12. Distribution of insect larvae. (Rus) Strazdiene, V *Akad Nauk Litov Ssr Darbai Tr Ser C* 1: 133-143. Ref. Eng. Sum. 1973

081029 511 AK192D
Pedobiological characteristics of some soils of Lithuanian SSR. 2. Temperature regime at soddy podzolic soil under oats & fallow soil. (Rus) Ladigiene, D *Akad Nauk Litov Ssr Darbai Tr Ser C* 1: 27-32. Eng. Sum. 1973

081030 511 AK192D
Pedobiological characteristics of some soils of Lithuanian SSR. 3. Dynamics of mobile nitrogen, phosphorus & potassium in soddy podzolic soil under oats. (Rus) Stanislavicuite, I *Akad Nauk Litov Ssr Darbai Tr Ser C* 1: 33-41. Eng. Sum. 1973

081031 511 AK192D
Pedobiological characteristics of some soils in Lithuanian SSR. 4. Water & air regime in soddy podzolic soil under oats. (Rus) Miliauskas, V *Akad Nauk Litov Ssr Darbai Tr Ser C* 1: 43-53. Eng. Sum. 1973

081032 511 AK192D
Pedobiological characteristics of some types of soil in Lithuanian SSR. 5. Amount of B group vitamins. (Rus) Budaviciene, I *Akad Nauk Litov Ssr Darbai Tr Ser C* 1: 55-63. Ref. Eng. Sum. 1973

081033 511 AK192D
Pedobiological characteristics of some types of soil in Lithuanian SSR. 6. Distribution of microorganisms. (Rus) Bagdanaviciene, Z *Akad Nauk Litov Ssr Darbai Tr Ser C* 1: 65-80. Ref. Eng. Sum. 1973

081034 511 AK192D
Pedobiological characteristics of some soils in Lithuanian SSR. 7. Numbers of Protozoa. (Rus) Liepinis, A *Akad Nauk Litov Ssr Darbai Tr Ser C* 1: 81-85. Eng. Sum. 1973

081035 511 AK192D
Pedobiological characteristics of some soils in Lithuanian SSR. 8. Distribution of nematodes. [Tylenchorhynchus dubius, Paratylenchus hamatus, Filenchus filiformis]. (Rus) Slepetiene, J *Akad Nauk Litov Ssr Darbai Tr Ser C* 1: 87-92. Eng. Sum. 1973

081036 511 AK192D
Biochemical characteristics of roots & green material of knotweed. 14. Catechin & leucoanthocyanidin dynamics (Polygonum coriarium) & their localization in roots. (Rus) Varnaite, R *Akad Nauk Litov Ssr Darbai Tr Ser C* 1: 9-16. Ref. Eng. Sum. 1973

081037 511 AK192D
Pedogiological characteristics of some soils in Lithuannian SSR. 9. Distribution of earthworms, molluscs & centipedes. (Rus) Atlavinyte, O *Akad Nauk Litov Ssr Darbai Tr Ser C* 1: 93-108. Ref. Eng. Sum. 1973

081038 511 AK193D
Change in certain characteristics of Sierozem soils as affected by rice culture. (Rus) Babaev, R *Akad Nauk Tadzh Ssr Dokl* 15 (2): 55-58. Ref. 1972

081039 11 AL8K
Lime requirements of soil. (Swe) Charpentier, A *Alvsborgs Lans Sodra Hushallningssallsk Tidskr* 3: 16-17. May 1973

081040 11 AL8K
More soil maps!. (Swe) Charpentier, A *Alvsborgs Lans Sodra Hushallningssallsk Tidskr* 3: 4, 21. May 1973

081041 506 SP12
Fossil soils (paleosols) of Central Europe. Muckenhausen, E *An Edafol Agrobiol* 32 (1/2): 1-20. Ref. Jan/Feb 1973

081042 506 SP12
Illitic interstratification in clays. (Spa) MacEwan, D M C *An Edafol Agrobiol* 32 (1/2): 109-122. Ref. Eng. Sum. Jan/Feb 1973

081043 506 SP12
Study of some methods for determination of available phosphorus in soils. (Spa) Esteban, E *An Edafol Agrobiol* 32 (1/2): 135-142. Ref. Eng. Sum. Jan/Feb 1973

081044 506 SP12
Studies on certain ecological aspects of soil fungi. II. Distribution of soil fungi in relation to cover vegetation & physicochemical characters of soils. [India]. Mishra, R R *An Edafol Agrobiol* 32 (1/2): 21-34. Ref. Jan/Feb 1973

081045 506 SP12
Determination of total change capacity in soils by X-ray fluorescence. (Spa) Carbajal, H *An Edafol Agrobiol* 32 (1/2): 35-45. Jan/Feb 19 73

081046 506 SP12
Investigations into rhizosphere mycoflora. XI. Effect of cobalt chloride on fungal population of healthy & virus (PVX) infected plants of Lycopersicum esculentum Mill. var. Marglob. [Tomatoes, soil fungei. Mishra ,R R *An Edafol Agrobiol* 32 (1/2): 47-57. Ref. Jan/Feb 1973

081047 506 SP12
Mineralogy of a representative soil from 'Chianga' area (Angola). (Spa) Mateos, J P *An Edafol Agrobiol* 32 (1/2): 59-69. Eng. Sum. Jan/Feb 1973

081048 506 SP12
Experimental study about origin of structures of orientation in soils. (Spa) Aguilar, J *An Edafol Agrobiol* 32 (1/2): 74-74. Eng. Sum. Jan/Feb 1973

081049 506 SP12
Parent material soil relationship in trace elements quantitative estimation. (Spa) Barragan Landa, E *An Edafol Agrobiol* 32 (1/2): 89-97. Eng. Sum. Jan/Feb 1973

081050 14 F8499
Identification of different kinds of organic matter in soils of cretaceous 'Champagne'. (Fre) Muller, J *Ann Agron* 23 (6): 587-610. Eng. Sum. 1972

081051 14 F8499
Possible application of an analogical system for investigating diffusion phenomena. [Soils]. (Fre) Vilain, M *Ann Agron* 23 (6): 611-620. Eng. Sum. 1972

081052 14 F8499
Study of some laws governing porosity of loose materials, [Soils]. (Fre) Fies, J C *Ann Agron* 23 (6): 621-653. Eng. Sum. 1972

081053 GB395.A73
Soil physical properties in a sorted stripe field. Ballard, T M *Arct Alp Res* 5 (2): 127-131. Spring 1973

081054 381 AS7
Comparative extraction of chlorinated hydrocarbon insecticides from soils 20 years after treatment. Nash, R G *Ass Offic Anal Chem J* 56 (3): 728-732. Ref. May 1973

081055 475 AU7
Australian soils. Northcote, K H *Australian Natur Hist* 17 (9): 296-300. Mar 1973

081056 QL1.B5
Vertical & seasonal distribution of nematodes in soil of Bab forest. (Slo) Saly, A *Biol Ser B Zool* 28 (2): 91-104. Ref. Eng. Sum. 1973

081057 19 B635
Microscope photometry of organic substances in soil. II. Fluorescent photometry of forestand agricultural decay products. (Ger) Jacob, H *Bodenkultur* 24 (1): 1-10. Eng. Sum. Feb 1973

081058 19 B635
Soil physics study of a surface water gleyed para brown ten Parabraunerde in Wiselburg a. d. Erlauf, NO. (Ger) Nestroy, O *Bodenkultur* 24 (1): 11-24. Ref. Eng. Sum. Feb 1973

081059 19 B635
Study of mercury content in Austrian soils by neutron activation analysis. (Ger) Wimmer, J *Bodenkultur* 24 (1): 25-30. Ref. Eng. Sum. Feb 1973

081060 56.9 B772
Soil organic matter. *Brit Columbia Dep Agr Field Crops Br Soils Ser* 3, 4P. 1973

081061 14 P215BC
Buffer role of soil & its influence regarding climate. (Fre) Henin, M S *C R Seances Acad Agric Fr* 15 (Special No.): 1251-1259. 1972

081062 S590.C62
A procedure for stepwise regression analysis. [Soil research]. Oertel, A C *C S I R O Div Soils Tech Pap* 16, 13 P. 1973

081063 56.8 C162
Influence of soil moisture tension & amendments on yield, oil, & protein content of target rape grown on gray wooded soils in greenhouse. Nuttall, W F *Can J Soil Sci* 53 (1): 87-93. Ref. Feb 1973

081064 19.5 C333
New findings in peat research. [Soils]. (Cze) Ferda, J *Cesk Akad Zemed Vestn* 20 (3): 136-142. 1973

081065 475 SCI23
Indole acetic acid metabolism in soil as influenced by pesticide application. Purushothaman, D *Cur Sci* 42 (10): 365-366. May 20, 1973

081066 511 AK147D
Effect of hydrothermic conditions on biological activity of soils in Nakhichevan ASSR. (Rus) Aliev, S A *Dokl Akad Nauk Az SSR* 28 (11/12): 58-61. Eng. Sum. 1972

081067 381 D75
N-SERVE nutrient stabilizer & nitrogen distribution in a claypan soil. Varsa, E C *Down Earth* 29 (1): 15-17. Summer 1973

081068 QH540.E3
Plant communities as indicators of conditions of soil salinity of seaside Solonchaks in Daghestan. (Rus) Alakhverdiev, F D *Ekologiia* 3: 77-78. 1972

081069 500 EL4
Vegetation & soil relationships in Southern Beaufort County, North Carolina. Hartshorn, G S *Elisha Mitchell Sci Soc J* 88 (4): 226-238. Ref. Winter 1972

081070 475 EX7
A method for determination of saccharase activity in soil samples. (Ger) Kunze, C *Experientia* 29 (5): 641-642. Eng. Sum. May 15, 1973

081071 22.5 ST8
Soil moisture under forest, Bukit Timah Nature Reserve, Singapore. Hill, R D *Gard Bull* 26 (1): 85-93. Dec 30, 1972

081072 S19.G5
Available phosphorus as related to inorganic phosphate fractions in some Ghana soil series. Halm, A T *Ghana J Agr Sci* 5 (2): 89-94. Ref. 1972

081073 QC795.H4
Distribution of 137Cs [cesium] in soils & vegetation on island of Puerto Rico. Kline, J R *Health Phys* 24 (5): 469-475. Ref. May 1973

081074 S590.I56
Indian Society of Soil Science. Aims, activities, & achievements. Datta, N P *In International Symposium on Soil Fertility Evaluation, Ne W Delhi, 1971. Proceedings* 2: 97-107. 1972

081075 S590.I56
On some aspects of soil mineralogical research. Baren, F A van *In International Symposium on Soil Fertility Evaluation, Ne W Delhi, 1971. Proceedings* 2: 43-55. Ref. 1972

081076 S590.I56
Soil research in India. Kanwar, J S *In International Symposium on Soil Fertility Evaluation, Ne W Delhi, 1971. Proceedings* 2: 80-96. 1972

081077 GA931.N3 1971
Cartographic methods of complex prospective evaluation of peat soil resources. (Rus) Olenin, A S *In Nauchno Tek Konf po Tematicheskoi Kartogr, 4Th, Moscow, 1971. Otsenochnye Karty Prirody, Naseleniia i Khoziaistva* P. 44-48. 1973

081078 GA931.N3 1971
Representation of structure of soil cover & its quantitative characteristics on soil maps. (Rus) Fridland, V M *In Nauchno Tek Konf po Tematicheskoi Kartogr, 4Th, Moscow, 1971. Otsenochnye Karty Prirody, Naseleniia i Khoziaistva* P. 29-35. 1973

081079 S592.5.O7
Insecticides [Soils, residues]. Edwards, C A *In Organic Chemicals in the Soil Environment* 2: 513-568. Ref. 1972

081080 S592.5.O7
Fumigants, fungicides, & nematicides. [Soil biology]. Goring, C A I *In Organic Chemicals in the Soil Environment* 2: 569-632. 1972

081081 S592.5.O7
Soil physical property modifiers. Brandt, G H *In Organic Chemicals in the Soil Environment* 2: 691-729. 1972

081082 S592.5.O7
Side effects of organic chemicals on soil properties & plant growth. Martin, J P *In Organic Chemicals in the Soil Environment* 2: 733-792. 1972

081083 459.2 T44
Mycorrhiza in tundra plants of north eastern european part of USSR. (Rus) Katenin, A E *In Tikhomirov, V. A., ed. Rastitel'nost Krainego Severa SS sR i ee Osvoenie* 12, 139 P. Ref. Eng. Sum. 1972

081084 55.9 IN222
Effect of pumping & surface drainage in controlling water-table, waterlogging & salinity conditions on deep black cotton soil area. Mehta, H C *India Cent Board Irrig Power Publ* 118 (V. 2): 115-123. Dec 1972

081085 55.9 IN222
Effect of waterlogging on soil properties & measures for combating problem of waterlogging. Achar, H P *India Cent Board Irrig Power Publ* 118 (V. 2): 124-128. Dec 1972

081086 55.9 IN222
Proceedings of Symposium on Waterlogging – Causes & Measures for its Prevention. *India Cent Board Irrig Power Publ* 118, 2 V. Dec 1972

081087 22 AG83I
Micromorpholgy & chemistry of carbonate concretions in black clayey soils. Rajan, S V G *Indian J Agr Sci* 42 (11): 1020-1023. Nov 1972

081088 22 AG83I
Note on immediate effect of gamma-irradiation on release of mineral nitrogen in fresh tropical soils. Agarwal, A S *Indian J Agr Sci* 42 (11): 1062-1064. Ref. Nov 1972

081089 56.9 IN2
An electrode system for transient dispersion studies in unsaturated glass bead medium. [Soil chemistry]. Gupta, R K *Indian Soc Soil Sci J* 20 (4): 297-304. Dec 1972

081090 56.9 IN2
Spectral properties & colloidal behaviour of humic acids obtained from humin fraction of soil humus. Banerjee, S K *Indian Soc Soil Sci J* 20 (4): 305-309. Dec 1972

081091 56.9 IN2
Fulvic acid metal complexes. [Soil chemistry]. Adhikari, M *Indian Soc Soil Sci J* 20 (4): 311-321. Ref. Dec 1972

081092 56.9 IN2
Fractionation of residual phosphorus compounds in black & red soils treated with phosphatic fertilizers. Rao, T S *Indian Soc Soil Sci J* 20 (4): 323-326. Dec 1972

081093 56.9 IN2
Inorganic transformation of added phosphorus in soil in relation to soil characteristics & moisture regime. Debnath, N C *Indian Soc Soil Sci J* 20 (4): 327-335. Ref. Dec 1972

081094 56.9 IN2
Transformation of applied water soluble phosphate in latosolic lowland rice soils. Mandal, L N *Indian Soc Soil Sci J* 20 (4): 343-353. Ref. Dec 1972

081095 56.9 IN2
Forms of inorganic phosphorus in medium black soils of Chambal Commanded Area. Vijay, K B *Indian Soc Soil Sci J* 20 (4): 355-361. Ref. Dec 1972

081096 56.9 IN2
Study on soil available phoshporus as affected by multiple cropping. Sadanandan, N *Indian Soc Soil Sci J* 20 (4): 371-374. Dec 1972

081097 56.9 IN2
Lime & phosphate potentials of soils. Bagchi, S N *Indian Soc Soil Sci J* 20 (4): 379-383. Dec 1972

081098 56.9 IN2
Correlations between P, Fe & Mn [phoshporus, iron & manganese] availability in water-logged soils at different fertility levels. Pathak, A N *Indian Soc Soil Sci J* 20 (4): 385-389. Ref. Dec 1972

081099 56.9 IN2
Morphology & genesis of 'pipe structure' in ferrallitic soils of Midnapore District, West Bengal. Banerjee, A K *Indian Soc Soil Sci J* 20 (4): 399-402. Dec 1972

081100 56.9 IN2
Microarthropods & humus formation. Banerjee, S *Indian Soc Soil Sci J* 20 (4): 403-405. Dec 1972

081101 56.9 IN2
Effect of depth & quality of ground water on soil salinization: a field study with a fluctuating water table. Bandyopadhya, A K *Indian Soc Soil Sci J* 20 (4): 407-408. Dec 1972

081102 56.9 IN2
Effect of ferrous sulphate on availability of manganese. [Soils]. Swarup, A *Indian Soc Soil Sci J* 20 (4): 417-419. Dec 1972

081103 56.9 IN2
Effect of bulk density & aggregate size on wheat growth. [Soil structure]. Jaggi, I K *Indian Soc Soil Sci J* 20 (4): 421-423. Dec 1972

081104 QK1.I53
Maps of soils & ecology. (Ita) Sanesi, G *Inf Bot Ital* 4 (3): 251-257. Ref. Sept/Dec 1972

081105 334.8 IN84
A gamma backscatter method of measuring soil density. Daddi, L *Int J Appl Radiat Isotopes* 24 (5): 295. May 1973

081106 S9.I83
A study of agricultural soils in province of Brindisi. (Ita) Opez, G *Ist Sper Agron Ann* 2 (2): 381-540. Map. Ref. Eng. Sum. 1971 (Pub. 1972)

081107 16 IT1
Balance of nitrogen & humus in soils. (Ita) Nigro, C *Ital Agr* 110 (1): 99-106. Jan 1973

081108 QH540.J6
Isotope fractionation of 15N & 14N in microbiological nitrogen transformations: a theoretical model. [Soil biology]. Focht, D D *J Environ Qual* 2 (2): 247-252. Ref. Apr/June 1973

081109 QH540.J6
Removal of ozone by soil. Turner, N C *J Environ Qual* 2 (2): 259-264. Ref. Apr-/June 1973

081110 292.8 J82
Horizontal soil-water intake through a thin zone of reduced permeability. Ahuja, L R *J Hydrol (amsterdam)* 19 (1): 71-89. Ref. May 1973

081111 60.18 J82
Effects of range burning on Kansas Flint Hills soil. Owensby, C E *J Range Manage* 26 (3): 185-188. Ref. May 1973

081112 382 SO12
Sorption of iodide by soils as influenced by equilibrium conditions & soil properties. Whitehead, D C *J Sci Food Agr* 24 (5): 547-556. Ref. May 1973

081113 56.8 J27
Genesis & characteristics of volcanic ash soil in Japan. 1. Some characteristics fo soil profile & maximum water holding capacity & bulk density of soil horizons. (Jap) Kobo, K *J Sci Soil Manure, Jap* 44 (1): 1-10. Ref. Jan 1973

081114 56.8 J27
Chromatographic purification & fractionation of soil fulvic acid using synthetic absorbent. 1. (Jap) Inoko, A *J Sci Soil Manure, Jap* 44 (1): 11-17. Ref. Jan 1973

081115 56.8 J27
Nutrient supplying capacity of soils. 1. Effect of nutrient & water absorption by rice plants on nutrient release in soils. (Jap) Okajima, H *J Sci Soil Manure, Jap* 44 (1): 23-31. Ref. Jan 1973

081116 56.8 J27
On crop productivities & leaching degree of several elements of volcanic ash soils in Kagoshima Prefecture: lysimeter experiments. 4. Changes of chemical properties of lysimeter soil with 2.5 years du (Jap) Fujishima, T *J Sci Soil Manure, Jap* 44 (1): 32-38. Ref. Jan 1973

081117 56.8 J27
Genesis & characteristics of volcanic ash soil in Japan 2. Classification of volcanic ash soil according to degree of weathering & parent material. (Jap) Kobo, K *J Sci Soil Manure, Jap* 44 (2): 41-46. Feb 1973

081118 56.8 J27
Clay minerals of paddy soils in Tohoku District. 1. Alluvial paddy soils in area of Furukawa City. (Jap) Shoji, S *J Sci Soil Manure, Jap* 44 (2): 47-53. Feb 1973

081119 56.8 J27
Soil bacteria growing in plain-agar plate. (Jap) Ishii, H *J Sci Soil Manure, Jap* 44 (2): 67-68. Feb 1973

081120 56.8 J27
Soil geochemistry of bromine. 1. (Jap) Yuita, K *J Sci Soil Manure, Jap* 44 (2): 68-80. Feb 1973

081121 56.8 J27
Soil geochemistry of bromine. 2. (Jap) Yuita, K *J Sci Soil Manure, Jap* 44 (3): 115-110. Ref. Mar 1973

081122 56.8 J27
Clay minerals of paddy soils in Tohoku District. 2. Alluvial paddy soils in area of Furukawa City, Miyagi Prefecture. 2. (Jap) Shoji, S *J Sci Soil Manure, Jap* 44 (3): 81-88. Mar 1973

081123 410 J272
Alkali supply by percolated water from environment factors determining vegetation distribution & dominant in Japanese alpine region: comparison on alkali supply of Pinus pumila dwarf pines to that of high bush grasses in Ha (Jap) Suzuki, K *Jap J Ecol* 22 (6): 250-261. Ref. Dec 1972

081124 60.9 J27
Studies on soil animals in grassland. II. Age distribution of Allolobophora japonica Michaelesen population in forages wards. (Jap) Nakamura, Y *Jap Soc Grassland Sci J* 18 (3): 172-176. Ref. Eng. Sum. Oct 1972

081125 385 K524
Effect of herbicides on microflora of leached Chernozem soil. (Rus) Matsneva, N G *Khim Sel'skom Khoz* 11 (3): 62-64. 1973

081126 385 K524
Determinging mobile manganese in soils with photocolorimetry & atomic absorption methods. (Rus) Samokhavalov, S G *Khim Sel'skom Khoz* 11 (3): 71-74. 1973

081127 107.6 K995
Harmful effect of ammonium ion on mineralization & accumulation of organic matter in soil. Yoshida, T *Kyushu Univ Fac Agr J* 17 (2): 227-246. Ref. Mar 1973

081128 290.9 L9312B
Callapsible soils in Louisiana. Arman, A *La State Univ Div Eng Res Bull* 111, 131 P. Ref. 1972

081129 S583.L32
A statistical approach to distrubution of exchangeable cations in soil. Barnard, R O *Landbouwet S-Afr Agric Sci S Afr Agrochemophys* 4 (2): 37-41. 1972

081130 S583.L32
Determination of copper status of citrus orchard soils. (Afr) Du Plessis, S F *Landbouwet S-Afr Agric Sci S Afr Agrochemophys* 4 (3): 47-51. Ref. Eng. Sum. 1972

081131 S583.L32
Relationship between soil-pH [hydrogen-10n concentration]. Barnard, R O *Landbouwet S-Afr Agric Sci S Afr Agrochemophys* 4 (3): 53-55. Ref. 1972

081132 S583.L32
Gilgai in Rustenburg area. Verster, E *Landbouwet S-Afr Agric Sci S Afr Agrochemophys* 4 (3): 57-61. 1972

081133 S583.L32
Automated analysis of nitrate in soil extracts using potassium perrhenate & alpha-furildioxime. Coetzee, J G K *Landbouwet S-Afr Agric Sci S Afr Agrochemophys* 4 (3): 69-72. 1972

081134 S583.L32
Relationship between resin-extractable phosphorus & phosphate potentials for sandy soils of Hutton & Clovelly forms. Botha, T *Landbouwet S-Afr Agric Sci S Afr Agrochemophys* 4 (4): 77-82. Ref. 1972

081135 403 L54
Mineralogic characteristics of clay fraction of podzolic soils on basis of two-membered rocks of middle taiga zone of European part of RSFSR. (Rus) Aparin, B F *Leningr Univ Vestnik Ser Geol Geogr* 6 (1): 70-77. Ref. Eng. Sum. Mar 1973

081136 403 L54
The effect of overmoistening on the distribution of microele ments in the soils of Leningrad Region. (Rus) Dvornikova, L L *Leningr Univ Vestnik Ser Geol Geogr* 6 (1): 78-86. Eng. Sum. Mar 1973

081137 22 M262
Study of soil profile morphology of a catena (Toposequence). Manickam, T S *Madras Agr J* 60 (2): 111-116. Ref. Feb 1973

081138 22 M262
On some characteristic properties of west Bengal & south Indian soils as a function of clay content. Sarkar, A N *Madras Agr J* 60 (2): 125-126. Feb 1973

081139 22 M262
On gypsum requirement estimation & its agreement with actual gypsum needs of alkali soils of Tamil Nadu. Rajamannar, A *Madras Agr J* 60 (2): 137-139. Feb 1973

081140 22 M262
A study on fertility status of soils of North Arcot district (Tamil Nadu). Venu Reddy, R *Madras Agr J* 60 (2): 140-143. Feb 1973

081141 22 M262
Studies on denitrification in south Indian soils. Palaniappan, R *Madras Agr J* 60 (2): 86-89. Feb 1973

081142 22 M262
Zinc content of Tamil Nadu soils. Balasundaram, C S *Madras Agr J* 60 (2): 96-99. Ref. Feb 1973

081143 448.3 M582AE
Pyridoxine release by cells of highand low-activity strains of nodule bacteria. [Rhizobium, peas, beans]. Shemakhanova, N M *Microbiology* 41 (2): 220-222. Mar/Apr 1972 (Transl. 1972)

081144 22.5 M6932B
Content of zinc, copper, lead & vanadium in volcanic ash soils on river terraces along coast of Pacific ocean (Sea of Hyuga). (Jap) Nagatomo, Y *Miyazaki Univ Fac Agr Bull* 19 (2): 469-478. Ref. Eng. Sum. Dec 1972

081145 450 M994
Diversity in soil fungi as influenced by DDT. Boyer, M G *Mycopathol Mycol Appl* 49 (4): 255-262. Ref. Apr 30, 1973

081146 S19.M9
Reaction rate of lime in acid laterite soil. Ananthanarayana, R *Mysore J Agr Sci* 6 (4): 498-500. 1972

081147 S19.M9
Red soils of Mysore State: mineralogical study. Parvathappa, H C *Mysore J Agr Sci* 6 (4): 500-502. 1972

081148 S19.M9
Studies on restoration of permeability to water of soils rendered impermeable earlier by sodium carbonate. Rao, P S *Mysore J Agr Sci* 6 (4): 503-505. 1972

081149 100 N465R
Soil associations & land classification for irrigation Guadalupe County. Maker, H J *N Mex Agr Exp Sta Res Rep* 246, 58 P. Map. Feb 1973

081150 514 N482
Rapid determination of constituents of whole soils using infrared absorption. Fieldes, M *N Z J Sci* 15 (4): 615-627 Dec 1972

081151 514 N482
An age sequence of parent materials & soils formed from them in Central Otago, New Zealand. Wilde, R H *N Z J Sci* 15 (4): 637-664. Maps. Ref. Dec 1972

081152 442.8 N22
Amount & forms of potassium in soils of northern Black Sea region of Krasnodar Territory. (Rus) Avakian, K M *Nauch Dokl Vyssh Shk, Biol Nauk* 3: 122-127. 1973

081153 442.8 N22
On evaluating methods of determining amount of mobile phosphates in bog-podzolic & gray forest soils. (Rus) Kobzarenko, V I *Nauch Dokl Vyssh Shk, Biol Nauk* 3: 134-139. Ref. 1973

081154 436.8 N342
Survival of Pratylenchus penetrans & Pratylenchus minyus in two Ontario soils. Townshend, J L *Nematologica* 19 (1): 35-42. Ref. Mar 1973

081155 290.8 N68
Soil physics. 3. Basic knowledge for agricultural engineers. (Jap) Yahata, B *Nogyodoboku-kenkyu* 41 (4): 31-35. Ref. Apr 1973

081156 99.9 N833
Properties, distribution & origin of white silt soils in Romerike, Norway, i. Profile morphology, geographic distribution & pedological properties. Rutherford, G K *Norway Skogforsoksv Medd* 30 (2): 137-168. Map. Ref. 1972

081157 SB197.B7
Effects of crops & grass on soil structure. Dermott, W *Occas Symp Br Grassl Soc* 7: 13-18. 1972

081158 SB197.B7
Livestock management & soil structure. [Grazing]. Ormrod, J F *Occas Symp Br Grassl Soc* 7: 19-23. 1972

081159 SB197.B7
Soil structure: its effect on crop yield. Batey, T *Occas Symp Br Grassl Soc* 7: 5-11. Ref. 1972

081160 QL750.O3
Breakdown & decomposition of sweet chestnut (Castanea sativa Mill.) & beech (Fagus sylvatica L.) leaf litter in two deciduous woodland soils. I. Breakdown, leaching & decomposition. Anderson, J M *Oecologia* 12 (3): 251-274. Ref. 1973

081161 QL750.O3
Breakdown & decomposition of sweet chestnut (Castanea sativa Mill.) & beech (Fagus sylvatica L.) leaf litter in two deciduous woodland soils. II. Changes in carbon, hydrogen, nitrogen & polyphenol content. Anderson, J M *Oecologia* 12 (3): 275-288. Ref. 1973

081162 QL750.O3
Soil respiration in different types of Southeast Asian tropical rain forest. (Ger) Wanner, H *Oecologia* 12 (3): 289-302. Ref. Eng. Sum. 1973

081163 55.8 OE8
Soil physics – theory & practice. (Ger) Kastanek, F *Oesterr Wasserwirtsch* 25 (1/2): 27-34. Ref. Jan/Feb 1973

081164 56.8 P344
A model for amorphous matters of upland humic soils in Japan. (Jap) Kato, Y *Pedologist* 16 (2): 16-30. Ref. Eng. Sum. Dec 1972

081165 56.8 P344
Some problems on volcanic ash soils in Tanegashima Island, Kagoshima Prefecture. (Jap) Hamazaki, T *Pedologist* 16 (2): 2-15. Ref. Eng. Sum. Dec 1972

081166 56.8 P344
Forest soils with surface horizons where reduction phenomenon is observed. (Jap) Matsui, M *Pedologist* 16 (2): 31-34. Dec 1972

081167 56.8 P344
Heavy clayey soils in Hokkaido. (Jap) Saito, M *Pedologist* 16 (2): 35-43. Dec 1972

081168 57.8 P34
Composition & origin of clay minerals in Krasnozem soils of western Georgia. (Rus) Zyrin, N G *Pochvovedenie* 4) 101-113. Ref. Eng. Sum. Apr 1973

081169 57.8 P34
Studying carbonates in Moldavian Chernozems by method of themal analysis. (Rus) Alekseevv, V E *Pochvovedenie* 4: 114-121. Eng. Sum. Apr 1973

081170 57.8 P34
Minerals & their fate in soils of Ily Taukum sandy desert. (Rus) Khabarov, A V *Pochvovedenie* 4: 122-130. Eng. Sum. Apr 1973

081171 57.8 P34
Extraction & purification of some organic compounds from a soddy-podzolic soil & volkanic ashfall material. (Rus) Gariaev, P P *Pochvovedenie* 4: 134-141. Ref. Eng. Sum. Apr 1973

081172 57.8 P34
Comparative rating of Belorussian meadow soils. (Rus) Sanko, P M *Pochvovedenie* 4: 14-21. Eng. Sum. Apr 1973

081173 57.8 P34
Investigation of humus preparations by infrared spectroscopy. (Rus) Shurukhina, S I *Pochvovedenie* 4: 146-149. Eng. Sum. Apr 1973

081174 57.8 P34
Nitrogen in soils of Saratov Region. (Rus) Uzun, V F *Pochvovedenie* 4: 22-27. Ref. Eng. Sum. Apr 1973

081175 57.8 P34
Studying complexing of cobalt with humic & fulvic acids by high frequency titration. [Soils]. (Rus) Simakov, V N *Pochvovedenie* 4: 28-33. Ref. Eng. Sum. Apr 1973

081176 57.8 P34
On characteristic of heavy textured bog podzolic soils. (Rus) Koposov, G F *Pochvovedenie* 4: 3-13. Eng. Sum. Apr 1973

081177 57.8 P34
Minor elements in some soils of agricultural territories of Algeria. (Rus) Lomov, S P *Pochvovedenie* 4: 34-39. Eng. Sum. Apr 1973

081178 57.8 P34
Sodium ion activity in soil suspensions. (Rus) Khoazeva, N V *Pochvovedenie* 4: 40-46. Ref. Eng. Sum. Apr 1973

081179 57.8 P34
Manganese content in granulometric fractions of a typical Serozem. (Rus) Aslanov, N N *Pochvovedenie* 4: 47-52. Ref. Eng. Sum. Apr 1973

081180 57.8 P34
Microbiology of deep-freezing Chernozems of Buryatia. (Rus) Nimaeva, C Sh *Pochvovedenie* 4: 53-58. Ref. Eng. Sum. Apr 1973

081181 57.8 P34
Soil moisture dynamics & its variations under crops. (Rus) Kabalin, E G *Pochvovedenie* 4: 59-64. Apr 1973

081182 57.8 P34
Effect of soil physical properties on development of apple-tree root system. (Rus) Bul'botko, G V *Pochvovedenie* 4: 65-70. Eng. Sum. Apr 1973

081183 57.8 P34
Effect of agricultural ameliorative practices on physical properties of Kolkhida Lowland podzolic-gley soils. (Rus) Dardzhimanov, A R *Pochvovedenie* 4: 71-79. Ref. Eng. Sum. Apr 1973

081184 57.8 P34
Effect of irrigation by thermal water on minor element content in some soils of Georgia. (Rus) Gelashvili, F N *Pochvovedenie* 4: 80-86. Ref. Eng. Sum. Apr 1973

081185 S590.P6
Nitrification activity of certain soils treated with herbicides & fertilizers. (Bul) Rankov, V *Pochvozn Agrokhim* 8 (1): 125-134. Ref. Eng. Sum. 1973

081186 S590.P6
Characteristics of soils in Selengen Aimak in Mongolia. (Bul) Ivanov, V *Pochvozn Agrokhim* 8 (1): 13-24. Ref. Eng. Sum. 1973

081187 S590.P6
On certain problems of soil taxonomy – essentials of concept to pedon & polypedon. (Bul) Penkov, M *Pochvozn Agrokhim* 8 (1): 135-138. 1973

081188 S590.P6
An attempt to determine nature of mixed-layered minerals in Smolnitzas. (Bul) Khubenov, G *Pochvozn Agrokhim* 8 (1): 25-30. Ref. Eng. Sum. 1973

081189 S590.P6
Zinc, copper & manganese contents in mineral components of certain granulametric fractions in Smolnitzas. (Bul) Boneva, K *Pochvozn Agrokhim* 8 (1): 3-11. Ref. Eng. Sum. 1973

081190 S590.P6
Phosphorus distribution in different particle size fractions of gray forest soils. (Bul) Khinov, G *Pochvozn Agrokhim* 8 (1): 37-44. Eng. Sum. 1973

081191 S590.P6
On chemistry of cation exchange between root adsorbent of plants & soil adsorbent. (Bul) Ganev, S *Pochvozn Agrokhim* 8 (1): 45-56. Ref. 1973

081192 S590.P6
Uptake of fertilizer phosphorus by Chernozems & gray forest soils, depending on iron extracted by different procedures. (Bul) Ivanov, P *Pochvozn Agrokhim* 8 (1): 57-65. Ref. Eng. Sum. 1973

081193 S590.P6
Chemical composition of geological material from Maritsa-Iztok Lignite Basin. [Soils]. (Bul) Gurbuchev, I *Pochvozn Agrokhim* 8 (1): 67-76. Ref. Eng. Sum. 1973

081194 S590.P6
Interaction of humus substances with trace elements in certain physiological & biochemical processes. (Bul) Stanchev, L *Pochvozn Agrokhim* 8 (1): 87-93. Ref. Eng. Sum. 1973

081195 S590.P6
Effect of soil compaction on growth of & yields of sunflower cultivated on slightly leached Chernozem. (Bul) Simeonov, B *Pochvozn Agrokhim* 8 (1):31-36. Ref. Eng. Sum. 1973

081196 SB211.P8I5
Course of soil moisture under potatoes on experimental field in Jadwisin (preliminary communiation). (Pol) Fotyma, M *Pol Inst Ziemniaka Biul* 9: 71-79. Eng. Sum. 1972

081197 19.5 P752
A simplified method of determination of boron by curcumine. [Soils]. (Slo) Cumakov, A *Pol'nohospodarstvo* 19 (1): 53-58. Eng. Sum. 1973

081198 20.5 P84
Behaviour of Cesium 137 in soils & in system soil – plant. (Pol) Smierzchalska, K *Postepy Nauk Roln* 20/25 (1): 89-107. Ref. 1973

081199 S13.P72
Mobilization of soil nitrogen as influenced by carbonaceous matter or carbo-fertilizers. (Cze) Kovar, J *Prague Vys Sk Zemed Fak Agron Sb Rada A Rostl Vyroba* 1: 17-28. Eng. Sum. 1973

081200 S13.P72
Composition of our metamorphic rocks from point of view of geochemical & agricultural evaluation of soil-forming bedrocks. (Cze) Stejskal, J *Prague Vys Sk Zemed Fak Agron Sb Rada A Rostl Vyroba* 1: 69-84. Eng. Sum. 1973

081201 21 R862
Results concerning efficiency of bacterization in soybeans crops. [Rhizobium japonicum]. (Rum) Balan, N *Probl Agr (bucharest)* 25 (4): 13-25. Ref. Eng. Sum. Apr 1973

081202 6 P9452
Mathematical modeling of soil temperature. Foster, K E *Progr Agr Ariz* 25 (1): 10-12. Jan/Mar 1973

081203 100 N27N
How ancient soils affect crops. Lesis, D T *Q Serv Farm Ranch & Home Univ Nebr, Coll Agric* 20 (1): 9-11. Spring 1973

081204 107 R26
Soild of middle Golan. (Heb) Dan, J *Rehovot Nat Univ Inst Agr Prelim Rep* 715, 28 P. Eng. Sum. May 1972

081205 24 SO863
Soil survey of Rustenburg area. (Afr) Verster, E *Repub S Afr Dep Agr Tech Serv Tech Commun* 103, 53 P. Map. Eng. Sum. 1972

081206 24 SO863
Soil survey of Rustenburg area. (Afr) Verster, E *Repub S Afr Dep Agr Tech Serv Tech Commun* 103, 53 P. Map. 1972

081207 S17.M3
Release of nonExchangeable potassium from some typical soils of Maharashtra State on continuous cropping. Kadrekar, S B *Res J Mahatma Phule Agric Univ* 3 (1): 31-41. Ref. Jan 1972

081208 S17.M3
Cross inoculation studies with Rhizobia of cultivated & wild tur & Sannhemp. [Pigeonpeas, sunn crotalaria]. Jadhav, T K *Res J Mahatma Phule Agric Univ* 3 (1): 64-66. Jan 1972

081209 100 OK4M
Soils of station. Gray, F *Res Rep P Agric Exp Stn Okla State Univ* 684: 5-7. May 1973

081210 24 R3472
Cation exchange capacity measurements on some non-calcareous Rhodesian subsoils. Russell, J R M *Rhodesia Zambia Malawi J Agr Res* 11 (1): 77-82. 1973

081211 20.5 R59 SER. F
Analysis of moisture reserves in soil profile of loose silty sand at different ground water levels. (Pol) Klugiewicz, J *Rocz Nauk Roln Ser F Melior Uzytkow Zielonych* 78 (2): 61-70. 1973

081212 64.9 C33
Inhibition of dehydrogenase activity in soil. Cerna, S *Rostlinna Vyroba* 19 (1): 51-58. Ref. Jan 1973

081213 S592.7.A1S6
Chemistry of humic & fulvic acids extracted from Argentine soils. I. Analytical characteristics. Ortiz de Serra, M I *Soil Biol & Biochem* 5 (3): 281-286. Ref. May 1973

081214 S592.7.A1S6
Chemistry of humic & fulvic acids extracted from Argentine soils. II. Permangante oxidation of methylated humic & fulvic acids. Ortiz de Serra, M I *Soil Biol & Biochem* 5 (3): 287-296. May 1973

081215 S592.7.A1S6
Effect of heptachlor on numbers of bacteria, actinomycetes & fungi in soil. Shamiyeh, N B *Soil Biol & Biochem* 5 (3): 309-314. Ref. May 1973

081216 S592.7.A1S6
Studies on rhizosphere microflora of onion plants in relation to temperature changes. Fenwick, L *Soil Biol & Biochem* 5 (3): 315-320. Ref. May 1973

081217 S592.7.A1S6
Estimation of mycelial biomass by determination of hexosamine content of wood tissue decayed by fungi. [Soil microorganisms]. Swift, M J *Soil Biol & Biochem* 5 (3): 321-332. Ref. May 1973

081218 S592.7.A1S6
Laboratory incubation studies of chlorophenoxyacetic acids in Chernozemic soils. Foster, R K *Soil Biol & Biochem* 5 (3): 333-337. Ref. May 1973

081219 S592.7.A1S6
Behaviour of Cercosporella herpotrichoides & Ophiobolus graminis on buried wheat plant tissues. [Soil fungi]. Deacon, J W *Soil Biol & Biochem* 5 (3): 339-353. Ref. May 1973

081220 S592.7.A1S6
Decarboxylation of aromatic amino acids-1-14C by soil extracts. (Fre) Mayaudon, J *Soil Biol & Biochem* 5 (3): 355-367. Ref. May 1973

081221 S592.7.A1S6
Properties of diphenol oxidases extracted from soils. (Fre) Mayaudon, J *Soil Biol & Biochem* 5 (3): 369-383. Ref. May 1973

081222 S592.7.A1S6
Effects of some inorganic substaces on TTC [2,3,5-triphenyltetrazolium chloride] assay of dehydrogenase activity in soils. Bremner, J M *Soil Biol & Biochem* 5 (3): 385-386. May 1973

081223 S592.7.A1S6
Quantitative changes in soil microorganisms under rice-based multiple cropping in northern India. Nair, P K R *Soil Biol & Biochem* 5 (3): 387-389. May 1973

081224 56.8 SO3
Copper & zinc status in pasture soils of Salamanca, Spain. Duque Macias, Francisco *Soil Sci* 115 (4): 276-283. Ref. Apr 1973

081225 56.8 SO3
Sodium relations in desert plants: 1. Cation contents of some plant species from Mojave & Great Basin Deserts. Wallace, A *Soil Sci* 115 (4): 284-287. Ref. Apr 1973

081226 56.8 SO3
Some surface properties of selected South Carolina ultisols. LaFleur, K S *Soil Sci* 115 (4): 288-293. Ref. Apr 1973

081227 56.8 SO3
A nondestructive method of following moisture content & temperature changes in soils using thermistors. Cornish, P M *Soil Sci* 115 (4): 309-314. Ref. Apr 1973

081228 56.8 SO3
Volume changes in swelling clays. Sposito, Garrison *Soil Sci* 115 (4): 315-320. Ref. Apr 1973

081229 56.8 SO3
Comparison of some methods for determining organic phosphorus in some Nigerian soils. Ipinmidun, W B *Soil Sci* 115 (4): 324-325. Apr 1973

081230 56.8 SO3
Modified Fernow Frost Gage. [Soil physics]. Wilen, B O *Soil Sci* 115 (4): 326-328. Apr 1973

081231 S591.S6
Soils in Westmorland. I. Furness, R R *Soil Surv Rec* 10, 108 P. Maps. 1972

081232 S591.S6
Soils in Herefordshire. III. Palmer, R C *Soil Surv Rec* 11, 89 P. Maps. Ref. 1972

081233 56.8 ST5
Water regime in hydromorphic soils of Tissa Plain. (Rum) Balan, S *Stiint Solului* 10 (4): 15-25. Ref. Eng. Sum. 1972

081234 56.8 ST5
Problems dealing with moisture excess due to groundwater overmoistening. (Rum) Mateescu, S *Stiint Solului* 10 (4): 26-34. Ref. Eng. Sum. 1972

081235 56.8 ST5
Fertility evolution tendencies in certain eroded soils of Central Moldavian Tableland & of Dobrogea. (Rum) Luca, A *Stiint Solului* 10 (4): 35-45. Eng. Sum. 1972

081236 56.8 ST5
Pseudogleyic podzolic clay-illuvial soils (Planosols) on terraces of Tirnava Mare River. (Rum) Orleanu, C *Stiint Solului* 10 (4): 46-53. Eng. Sum. 1972

081237 56.8 ST5
Microbiological classification criteria for Romanian soils. (Rum) Papacostea, P *Stiint Solului* 10 (4): 54-65. Ref. Eng. Sum. 1972

081238 56.8 ST5
Achievements & objectives of Institute of Soil Research in field of excess moisture in soils. (Rum) Rauta, C *Stiint Solului* 10 (4): 7-14. Ref. 1972

081239 22.5 AG823
Effect of drying on availability index of soil phoshporus & potassium. (Chi) Lin, C F *Taiwan Agr Res J* 21 (4): 233-249. Ref. Eng. Sum. Dec 1972

081240 S631.A82
Description & classification of soils of Thailand. Tongchuta, T *Tech Bull ASPAC Food Fert Technol Cent (asian Pac Counc)* 14 (5): 1a-28. Map. Mar 1973

081241 56.9 SI1
Kinds & intensities of soil surveys. (Tha) Robinson, G H *Thailand Min Nat Develop Soil Surv Rep* 91, 37 P. Ref. 1972

081242 505 T64
Development of vegetation & soils at Pic du Midi de Bigorre (Hautes-Pyrenees) at higher alpine level. (Fre) Labroue, L *Toulouse Soc Hist Natur Bull* 108 (1/2): 9-37. Ref. 1St/2nd Quarters 1972

081243 56.9 AL6
On problem of classifying soils of lowland Kazakhstan. (Rus) Kotin, N I *Tr Inst Pochvoved, Akad Nauk Kaz SSR* 21: 10-21. Ref. 1972

081244 56.9 AL6
Soils of Ruzaev District of Kokchetau Region & their agriculturally productive characteristics. (Rus) Faizov, K Sh *Tr Inst Pochvoved, Akad Nauk Kaz SSR* 21: 109-139. Ref. 1972

081245 56.9 AL6
On necessity of recording climatic indices in relation to soil classification work. (Rus) Zhikhareva, G A *Tr Inst Pochvoved, Akad Nauk Kaz SSR* 21: 175-180. 1972

081246 56.9 AL6
On establishing interrrlationships of diagnostic traits and properties of soils between themselves and yield capacity of farm crops. (Rus) Davliatshin, I D *Tr Inst Pochvoved, Akad Nauk Kaz SSR* 21: 181-191. Ref. 1972

081247 56.9 AL6
Evaluating hydrophysical properties of soils of Aktiubinsk Region & their correlation with yeild capacity of grain crops. (Rus) Panferova, N A *Tr Inst Pochvoved, Akad Nauk Kaz SSR* 21: 192-197. 1972

081248 56.9 AL6
Notes on mechanical composition of soils. (Rus) Sokolov, S I *Tr Inst Pochvoved, Akad Nauk Kaz SSR* 21: 22-30. Ref. 1972

081249 56.9 AL6
Phosphorite soils of sub-Ural plateau & their forms of phosphorite compounds. (Rus) Novikova, A G *Tr Inst Pochvoved, Akad Nauk Kaz SSR* 21: 31-40. Ref. 1972

081250 56.9 AL6
Chernozem soils of normal southern Kustanai stationary sector. (Rus) Redkov, V V *Tr Inst Pochvoved, Akad Nauk Kaz SSR* 21: 47-47. 1972

081251 56.9 AL6
Physicochemical & micromorphological features of Chernozem soils of southern Kustanai Region. (Rus) Andreeva, N P *Tr Inst Pochvoved, Akad Nauk Kaz SSR* 21: 48-58. Ref. 1972

081252 56.9 AL6
A new soil map of Kazakhstan. (Rus) Evstifeev, IU G *Tr Inst Pochvoved, Akad Nauk Kaz SSR* 21: 5-9. 1972

081253 56.9 AL6
Seasonal dynamics of nitrates in southern Chernozem soils of Kustanai Region. (Rus) Dzhalankuzov, T *Tr Inst Pochvoved, Akad Nauk Kaz SSR* 21: 59-63. 1972

081254 56.9 AL6
Structural composition of Chernozem soils of southern Kustanai Region. (Rus) Deev, V I *Tr Inst Pochvoved, Akad Nauk Kaz SSR* 21: 64-70. 1972

081255 56.9 AL6
Amount of micronutrients in primary alpine soils of Transili Alatau. (Rus) Kurmangaliev, A B *Tr Inst Pochvoved, Akad Nauk Kaz SSR* 21: 71-80. Ref. 1972

081256 56.9 AL6
Electron microscopic characteristics of soil microflora of Transili Alatau. (Rus) Chulakov, Sh A *Tr Inst Pochvoved, Akad Nauk Kaz SSR* 21: 81-87. 1972

081257 56.9 AL6
Physical & hydrophysical properties of some soils of southern foothill valleys of Tarbagatai Range. (Rus) Kolkhodzhaev, M K *Tr Inst Pochvoved, Akad Nauk Kaz SSR* 21: 88-94. 1972

081258 56.9 AL6
Agriculturally oroductive grouping of the soils of Kazakhstan. (Rus) Uspanov, U U *Tr Inst Pochvoved, Akad Nauk Kaz SSR* 21: 95-108. 1972

081259 58.8 T69
Agronomic notions for tractor driver. 3. Physical characteristics of soil. (Ita) Corridoni, L *Trattorista* 18 (19): 5-7. Oct 15, 1972

081260 80 T817
Soil research for asparagus. (Dut) Pasture, E *Tuinbouwberichten* 37 (3): 119-120. Mar 1973

081261 442.9 L542V
Effect of soil cover on decomposition of forest litter in Quercus forest. (Rus) Tereshenkova, I A *Vestn Leningr Univ, Biol* 3: 101-109. Eng. Sum. 1973

081262 20 V633
Importance of plants and fertilizers in the balance of organic matter in bog-pozdzolic soil. (Rus) Vorob'ev, S A *Vestn Sel'skokhoz Nauk (moscow)* 4: 34-42. Ref. Eng. Sum. Apr 1973

081263 20 V82
Mobile potassium in rocky soils & parent rock of Donets Ridge. (Ukr) Puhach, F I *Visnyk Sil's'kohospodar Nauk* 2: 60-61. Feb 1973

081264 20 AK1
Change in biological activity of soil in relation to different methods of terracing sloping land. (Rus) Magomedov, K K *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 10: 10-11. Oct 1972

081265 20 AK1
Frequency-moisture ratio in electrical parameters of soil. (Rus) Troitskii, N B *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 3: 43-45. Mar 1973

081266 20 AK1
Simultaneous calculation of capillary-sorption potentials, humidity & flow of moisture in soil on electronic computer according to equations of soil moisture movement. (Rus) Kulik, V IA *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 4: 41-43. Apr 1973

081267 20 AK1
Practical application of results of soil calssification in Kirghizia. (Rus) Mamytov, A M *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 4: 5-7. Apr 1973

081268 389.9 W26
Sewage purification in fruit & vegetable industry. III. Results of pilot plant investigations on sewage biological purification by activated sludge. (Pol) Wolski, T *Warsaw Inst Lab Badaw Przlem Spozyw Pr* 22 (4): 509-542. Ref. Eng. Sum. 1972

081269 292.9 AM34
Relative leaching potentials estimated from hydrologic soil groups. England, C B *Water Resour Bull* 9 (3): 590-597. June 1973

081270 292.8 W295
Moisture variation at soil surface & advance of wetting front during infiltration at constant flux. Braester, C *Water Resources Res* 9 (3): 687-694. Ref. June 1973

081271 S605.A1Z4
Draining variants in pseudo-gley soils. Investigations on discharge behaviour in cultivated clay mares of Upper Cretaceous of East-Westphalia. (Ger) Pahlke, K *Z Kulturtech Flurbereinig* 14 (2): 67-78. Eng. Sum. Mar/Apr 1973

081272 S605.A1Z4
A measuring method to determine water conductivity in lower pF-Region. (Ger) Wolkewitz, H *Z Kulturtech Flurbereinig* 14 (2): 79-78. Ref. Eng. Sum. Mar/Apr 1973

081273 20.5 Z5
Model studies on changes in soil density of cultivated layer. (Pol) Trzecki, S *Zeszyty Probl Postepow Nauk Roln* 137: 391-402. 1972

SOIL IMPROVEMENT MATERIALS

081274 S544.3.W6W53
Grow legumes for green manure. Rohweder, D A *A Coop Ext Programs Univ Wis* 2477, 3 P. Apr 1973

081275 464.9 C432B
Nitrogen & phosphorous fertilization of wheat in 'trumao' soils of provinces of Malleco & Cautin. (Spa) Volke, V *Agr Tec* 33 (1): 6-15. Ref. Eng. Sum. Jan/Mar 1973

081276 281.8 AG826
Dimensions of international fertilizer market. (Ger) Bremen, L V *Agrarwirtschaft* 22 (4): 136-141. Eng. Sum. Apr 1973

081277 S19.A32
Studies on balanced fertilization of maize in national demonstrations of Rajasthan. Somani, L L *Agric Agro-ind J* 6 (3): 18-20. Mar 1973

081278 S19.A32
Potash & its role in high-grade agricultural products. [Fertilizers]. Mathur, R C *Agric Agro-ind J* 6 (3): 7-8. Mar 1973

081279 385 AG88
Complex fertilizers – main task of fertilizer production. (Slo) Kuka, J *Agrochemia (bratislava)* 13 (1): 1-2. Eng. Sum. 1973

081280 385 AG88
Use of urea for fertilizing under different conditions in German Democratic Republic. (Slo) Ansorge, H *Agrochemia (bratislava)* 13 (1): 16-18. Eng. Sum. 1973

081281 385 AG88
Use of ammonia for direct fertilizing accomplishes rationalization designs. (Cze) Silar, J *Agrochemia (bratislava)* 13 (1): 18-22. Eng. Sum. 1973

081282 385 AG88
Quality of industrial fertilizers in 1971 – 1972. (Cze) Hanzlik, A *Agrochemia (bratislava)* 13 (1): 22-26. Eng. Sum. 1973

081283 385 AG88
Why switching to new expression of nutrient content? [Fertilizers, plant nutrition]. (Slo) Hrtanek, B *Agrochemia (bratislava)* 13 (1): 26-28. 1973

081284 385 AG88
Some knowledge gained from long-term experiments concerning influence of fertilizing on quality of forage for animal feed protection. (Cze) Baier, J *Agrochemia (bratislava)* 13 (1): 28-30. Eng. Sum. 1973

081285 S633.5.H8A4
Calcium nitrate fertilizers. (Hun) Latkovics, Mrs G *Agrokem Talajtan Kiskonyvtara* 3, 39P. 1972

081286 385 AG89
Dosage & application dates for nitrogen fertilizers on wheat in dry farming in southern Kazakhstan. (Rus) Kerimbekov, K K *Agrokhimiia* 3: 10-14. Ref. Mar 1973

081287 385 AG89
Agrochemical research on accumulation of nutrients in pressed peat litter in poultry houses. [Manures, fertilizers]. (Rus) Maevskaia, L M *Agrokhimiia* 3: 139-143. Mar 1973

081288 385 AG89
Effect of degree of grinding bark into small pieces on rate of its decomposition. [Fertilizers]. (Rus) Tranina, N F *Agrokhimiia* 3: 144-148. Mar 1973

081289 385 AG89
Effect of urea with varying amounts of biuret on yield & quality of spring wheat grain. (Rus) Maslovskii, V V *Agrokhimiia* 3: 15-18. Mar 1973

081290 385 AG89
Effectiveness of forms of potassium fertilizers of various concentrations on light soils of cis-Urals region. (Rus) Beliaev, G N *Agrokhimiia* 3: 24-34. Ref. Mar 1973

081291 385 AG89
Conversion of nitrogen fertilizers in soil when applied to various crops.1. (Rus) Koren'kov, D A *Agrokhimiia* 3: 3-9. Ref. Mar 1973

081292 385 AG89
Effect of increasing doses of nitrogen, phosphorus & potassium on yield & quality of potato tubers. (Rus) Ivanova, T I *Agrokhimiia* 3: 35-44. Mar 1973

081293 385 AG89
Effect of fertilizers on productivity of different varieties of spring barley relative to planting density. (Rus) Vitrikhovskii, P I *Agrokhimiia* 3: 51-61. Ref. Mar 1973

081294 385 AG89
Effect of fertilizers on dynamics of nitrates & yield of cabbages in leached Chernozem soil of Ukrainian forest-steppe zone. (Rus) Sevast'ianova, V V *Agrokhimiia* 3: 74-78. Mar 1973

081295 385 AG89
Fertilizers for fine-fiber cotton in Karshi Steppe. (Rus) Protasov, P V *Agrokhimiia* 3: 79-80. Mar 1973

081296 385 AG89
Effectiveness of mineral fertilizers of flax in relation to mechanical properties of soil & fertilizers of preceding crop. (Rus) Efremova, T V *Agrokhimiia* 3: 81-84. Mar 1973

081297 385 AG89
Effect of micronutrients on yield & quality of carrots relative to soil conditions. (Rus) Shkvaruk, N M *Agrokhimiia* 3: 85-88. Mar 1973

081298 385 AG89
Effect of soil conditioner PMU-7 on dynamics of soil nutrients & yield of grain crops in northern Azov Sea region Chernozem soils. (Rus) Ivchenko, A S *Agrokhimiia* 3: 98-102. Ref. Mar 1973

081299 385 AG89
Applying nitrogen fertilizers to spring wheat in chestnut soils of Buryat ASSR. (Rus) Revenskii, V A *Agrokhimiia* 4: 10-15. Apr 1973

081300 385 AG89
On compositional system of experiments for studying effectiveness of fertilizers. (Rus) Duda, G G *Agrokhimiia* 4: 122-124. Apr 1973

081301 385 AG89
Development of mineral fertilizer production. (Rus) Unaniants, T P *Agrokhimiia* 4: 149-153. Ref. Apr 1973

081302 385 AG89
Study of effect & utilization of nitrogen as a late topdressing for wheat with use of radioactive nitrogen(N-15). (Rus) Nestorova, S *Agrokhimiia* 4: 16-25. Ref. Apr 1973

081303 385 AG89
Reciprocal effects of nitrogen & phosphorus fertilizers on leached Chernozem soils. (Rus) Kushnirenko, IU D *Agrokhimiia* 4: 3-9. Ref. Apr 1973

081304 385 AG89
Effect of doses of nitrogen fertilizers on yield of seed plants of Phleum & Festuca pratensis in Ukrainina Polesye region. (Rus) Kuksin, N V *Agrokhimiia* 4: 37-42. Apr 1973

081305 385 AG89
Effect of phosphorus fertilizers on grain crops relative to amount of mobile phosphorus in Chernozem soils of Volga steppe region. (Rus) Chub, M P *Agrokhimiia* 4: 43-54. Apr 1973

081306 385 AG89
Effectiveness of potassium fertilizers in field crop rotation in thick bog-podzolic soils. (Rus) Pchelkin, V U *Agrokhimiia* 4: 55-60. Ref. Apr 1973

081307 385 AG89
Remuneration for manure with yield supplements in rotated crops. (Rus) Vasil'ev, V A *Agrokhimiia* 4: 69-77. Ref. Apr 1973

081308 385 AG89
Fertilizers for winter rye in crop rotation in gray podzolized soil. (Rus) Lazurskii, A V *Agrokhimiia* 4: 78-82. Apr 1973

081309 385 AG89
Effect of phosphogypsum on yield & quality of red clover hay. (Rus) Shkel', M P *Agrokhimiia* 4: 90-93. Apr 1973

081310 S599.U4P6
On effectiveness of fertilizers on bog-podzolic loamy soils of central non-Chernozem zone. (Rus) Korpinskii, N P *Agrokim Kharakt Pochv SSSR Pochv Inst Im V V Dokuchaeva* P. 120-156. Ref. 1972

081311 4 AM34P
Nitrogen requirements of winter wheat (Triticum aestivum, L.) varieties 'blueboy' & 'redcoat'. Stanford, G *Agron J* 65 (3): 442-447. Ref. May/June 1973

081312 4 AM34P
Agronomic investigations using continuous function experimental designs: nitrogen fertilization of sweet corn. Fox, R L *Agron J* 65 (3): 454-456. May/June 1973

081313 436.9 AK1
Effect of mineral fertilizers on stem eelworm Ditylenchus dipsaci (Kuhn, 1936) Filipjev, 1936 & Ditylenchus destructor Thorne, 1945. (Rus) Shubina, L V *Akad Nauk Sssr Gelmintol Lab Tr* 23: 217-224. 1973

081314 11 AL8K
Commercial nitrogen fertilizer & environment. (Swe) Bertilsson, G *Alvsborgs Lans Sodra Hushallningssallsk Tidskr* 1: 20-21. Feb 1973

081315 449.8 AR2
Fate of polycyclic aromatic hydrocarbons in experiments using sewage sludge-garbage composts as fertilizers. (Ger) Borneff, J *Arch Hyg Bakteriol* 157 (2/3): 151-164. Rref. Eng. Sum. May 1973

081316 S11.B43
Urea as a source of nitrogen fertilizer for grasslands. (Dut) Bakker, Y *Bedrijfsontwikkeling* 4 (3): 227-229. Mar 1973

081317 S11.B43
How much fertilizer for grasslands? (Dut) Lammers, H W *Bedrijfsontwikkeling* 4 (4): 313-315. Apr 1973

081318 281.8 B462
On fertilizing with urea. [Field crops]. (Ger) Teuteberg, W *Betriebswirtsch Mitt Wirtschaftsberater* 217: 19-23. Apr 1973

081319 66.8 B392
Nitrogen on grassland; nitrogen for milk & beef production. O'Hanlon, D *Biatas* 27 (1): 19, 21-22. Apr 1973

081320 19 B635
Soil science & plant cultivation aspects of results from lime fertilization experiments. (Ger) Janik, V *Bodenkultur* 24 (1): 31-39. Ref. Eng. Sum. Feb 1973

081321 19 B635
Dependence of corn yield on plant density & nitrogen fertilization. (Ger) Putz, K *Bodenkultur* 24 (1): 56-60. Ref. Eng. Sum. Feb 1973

081322 49 R324
Study on fertilization of molassesgrass, Melinis minutiflora. (Por) Werner, J C *Bol Indus Anim* (New Ser.) 29 (1): 175-184. Eng. Sum. 1972

081323 S13.B7
Effects of nitrogen additions of effectiveness of nitro-urea NPK [nitrogen, phosphorus, potassium] fertilizers applied to summer wheat. (Cze) Barak, K *Brno Acta Univ Agr Fac Agron* 20 (3): 339-346. Ref. Eng. Sum. 1972

081324 100 C12CAG
Soil recycling of cannery wastes. Reed, A D *Calif Agr* 27 (3): 6-9. Mar 1973

081325 81 C128
Fertilization of avocado trees. Gustafson, C D *Calif Avocado Soc Yearbook* 56: 51-53. 1973

081326 99.8 C33
Evaluation of fertilizing experiments on a Terra fusca site. (Ger) Sterba, H *Centralbl Gesamte Forstwesen* 90 (1): 34-45. Eng. Sum. Mar 1973

081327 60.9 C46
Fertilizer use & grassland improvement on Central Otago hill & mountain soils. Ludecke, T E *Christchurch Tussock Grassland Mountain Lands Inst Rev* 25: 14-21. Dec 1972

081328 100 F66C
Nutritional deficiency symptoms of sugarcane. [Foliar diagnosis]. Gascho, G J *Circ S Fla Agric Exp Stn Inst Food Agric Sci Univ Fla* 221, 16 P. Dec 1972

081329 100 C71C
Foliar feeding of potato plants with urea. Soltanpour, P N *Colo Agr Exp Sta Progr Rep Pr* 73-29. 2 P. Apr 1973

081330 100 C71C
Effect of nitrogen rate on yield & quality of potatoes. Soltanpour, P N *Colo Agr Exp Sta Progr Rep Pr* 73-30, 2 P. Apr 1973

081331 100 C71C
Effects of nitrogen rates & dates of vine killing on yield & quality of potatoes. I. Soltanpour, P N *Colo Agr Exp Sta Progr Rep Pr* 73-31, 2 P. Apr 1973

081332 58.8 D482
Possibilities of reducing storing capacity required by agrochemical centres. [Fertilizers, East Germany]. (Ger) Hubner, B *Deut Agrartech* 1: 11-14. 1973

081333 58.8 D482
Achievements & costs of operating methods in Agrochemical Centre. [Fertlizers, insecticides]. (Ger) Hubner, B *Deut Agrartech* 1: 14-16. 1973

081334 58.8 D482
Storing & homogenizing liquid manure with respect to hygienic requirements. (Ger) Bolke, M *Deut Agrartech* 1: 19-22. 1973

081335 58.8 D482
Operating methods of subsoil liming. (Ger) Bohl, K *Deut Agrartech* 1: 23-25. 1973

081336 18 D4825T
Results of performance testing during several years with winter wheat with gradual nitrogen doses. (Ger) Meinel, A *Deut Akad Landwirtschaftswiss Tagungsber* 119: 129-135. Ref. 1972

081337 18 D4825T
Production function of nitrogen fertilization on different sites. (Ger) Gorlitz, H *Deut Akad Landwirtschaftswiss Tagungsber* 119: 239-246. Eng. Sum. 1972

081338 18 D4825T
Economical application of nitrogen doses in cereal productio n by estimating price of crude protein content. (Ger) Ebert, K *Deut Akad Landwirtschaftswiss Tagungsber* 119: 247-252. Eng. Sum. 1972

081339 18 D4825T
Effect of late nitrogen fertilization on yield & protein content of cereals in relation to other intensification measures. (Ger) Banneick, A *Deut Akad Landwirtschaftswiss Tagungsber* 119: 253-255. Eng. Sum. 1972

081340 18 D4825T
Effect of nitrogen fertilization on lysine, tryptophan, methionine, & cystine content in crude protein of various winter wheat varieties. (Ger) Rinno, G *Deut Akad Landwirtschaftswiss Tagungsber* 119: 257-265. Eng. Sum. 1972

081341 18 D4825T
Slurry top dressing of winter wheat. (Ger) Kuhn,g *Deut Akad Landwirtschaftswiss Tagungsber* 119: 267-275. Eng. Sum. 1972

081342 18 D4825T
Research for determining mineral threshold values as parameter in eveluation of nutritional condition of cereal crops. (Ger) Vielemeyer, H P *Deut Akad Landwirtschaftswiss Tagungsber* 119: 65-70. Eng. Sum. 1972

081343 18 D4825T
Correlation between nitrogen rearrangement & yield of cereals. (Ger) Wurl, G *Deut Akad Landwirtschaftswiss Tagungsber* 119: 71-78. Eng. Sum. 1972

081344 24 EA74
Comparison of yield response of groundnuts to single & triple superhosphate in Uganda. Foster, H L *East Afr Agr Forest J* 38 (2): 103-113. Ref. Oct 1972

081345 24 EA74
Wood quality of Eucalyptus grandis (Hill) Maiden in a fertilizer trial at Siamambo, Zambia. Hans, A S *East Afr Agr Forest J* 38 (2): 157-161. Oct 1972

081346 18 W763
Nitrogen fertilization of perennial forage crops – yeild & economic benefit. (Ger) Jauert, R *Feldwirtschaft* 13 (10): 454-457. Oct 1972

081347 18 W763
Usage-adjusted fertilisation of potatoes. (Ger) Rinno, G *Feldwirtschaft* 14 (2): 74-76. Feb 1973

081348 18 W763
Mineral fertilisation by sprinkler irrigation. (Ger) Gorlitz, H *Feldwirtschaft* 14 (4): 158-161. Apr 1973

081349 18 W763
Results of all-year communal sewage disposal by agricultural units, 1970 to 1972. (Ger) Muller, O *Feldwirtschaft* 14 (4): 162-163. Apr 1972

081350 18 W763
Trends of intensive & economised nitrogen fertilization in industrialized cereal production. (Ger) Beer, K *Feldwirtschaft* 14 (5): 208-210. May 1973

081351 57.8 F4123
Fertilisers & their rail movement in India. Taly, M B *Fert News* 18 (3): 11-19. Ref. Mar 1973

081352 57.8 F4123
Fertiliser recommendations on farmers' fields soil fertility-cum-soil survey approach. Goswami, N N *Fert News* 18 (3): 32-40. Mar 1973

081353 57.8 F4123
Technology of sulphate recycle process & its comparative economics in India. I. [Fertilizers]. Agarwal, M R *Fert News* 18 (3): 43-51. Mar 1973

081354 57.8 SO4
Losses of fertilizer nutrients in surface runoff. Nelson, D W *Fert Solutions* 17 (3): 10-11, 13. May/June 1973

081355 57.8 SO4
Laboratory studies of production of fluid fertilizer concentrates. Potts, J M *Fert Solutions* 17 (3): 36, 38-40, 44, 46, 48, 50-51. May/June 1973

081356 SF481.F53
Adding lime to manure. (Swe) Nilsson, L *Fjaderfa* 66 (4): 114. Apr 1973

081357 99.9 F7626A
Studies concerning manual & mechanical practices of spreading forest fertilizers. (Swe) Ekberg, A *For Skogstradsforedling Arsbok* P. 56-80. Eng. Sum. 1973

081358 60.8 F742
Effect of rate & method of phosphate fertilization on establishment of alfalfa & bromegrass on P.E.I. soils. MacLeod, J A *Forage Notes (Ottawa)* 18 (1): 12-13. Spring 1973

081359 60.8 F742
Beef production potential and quality of fertilized and unfertilized sedge-grass hays grown on an organic soil. Ryswyk, A L van *Forage Notes (Ottawa)* 18 (1): 37-38. Spring 1973

081360 19 F75
Use of isotops in research of humus formation from farm manures. (Ger) Oberlander, H E *Forderungsdienst* 20 (10): 343-347. Oct 1972

081361 99.8 F7724
Fertilizing experiment with Larix leptolepis & Picea sitchensis in mixed culture on sandy soils. [Reforestation]. (Ger) Wandt, H *Forst-holzwirt* 27 (21): 444-447. Nov 10, 1972

081362 18 G312V
Saving costs in fertilization. (Ger) Landmann, L D *Ger (fed Repub) LandHauswirtsch Auswertungs Informations Dienst (veroff)* 362, 24 P. 1972

081363 298.8 G33
Tendencies of changes of rye quality by nitrogen fertilization. (Ger) Drews, E *Getreide Mehl Brot* 27 (3): 82-87. Mar 1973

081364 S19.G5
Effect of methods of nitrogen application on yield of rice varieties under tidal mangrave swamp & boliland cultivation in Sierra Leone. Gupta, D K D *Ghana J Agr Sci* 5 (2): 121-126. Ref. 1972

081365 S19.G5
Factors influencing status of phosphorus in surface soils of Ghana. Acquaye, D K *Ghana J Agr Sci* 5 (3): 221-228. Ref. Dec 1972

081366 69.9 J27
Investigation of farmyard manure in Tokyo district. (Jap) Akiya, T *Hatano Tobacco Exp Sta Bull* 71: 49-60. Ref. Eng. Sum.. Mar 1972

081367 275.29 H312AC
Soil organic matter. McCall, W W *Hawaii Univ Ext Circ* 470, 11 P. Apr 1973

081368 S544.3.H3H3
Basic characteristics of media for container grown plants. [Soil amendments]. McCall, W W *Hawaii Univ Ext Misc Publ* 103: 28-30. Apr 1973

081369 64.8 H66
Influence of nitrogen fertilization on mineral constituents & organic acids content of different parts of potato plants. (Pol) Swiniarski, E *Hodowla Roslin Aklimatyzacja Nasiennictwo* 16 (5): 383-401. Ref. Eng. Sum. 1972

081370 281.9 IL6I
Nitrogen fertilizer: price levels & sales in Illinois, 1945 – 1971. Finke, J *Ill Agr Econ* 13 (1): 34-40. Ref. Jan 1973

081371 S592.5.O7
Synthetic slow-release fertilizers & fertilizer amendments. Hauck, R D *In Organic Chemicals in the Soil Environment* 2: 633-690. Ref. 1972

081372 22 AG83I
Evaluation of available sulphur status of soils. Acharyya, N *Indian J Agr Sci* 42 (11): 1016-1019. Ref. Nov 1972

081373 22 AG83I
Field study on nitrogen fertilization of soybean (Glycine max (L.) Merr.). Singh, N P *Indian J Agr Sci* 42 (11): 1028-1031. Nov 1972

081374 22 AG83I
Quality of maize (zea mays L.) fodder in relation to nitrogen levels & weed control. Tripathi, H P *Indian J Agr Sci* 42 (11): 1047-1051. Ref. Nov 1972

081375 22 AG83I
Response of tall varieties of rice & wheat to fertilization as affected by cycocel. Singh, Y P *Indian J Agr Sci* 42 (11): 1054-1056. Nov 1972

081376 22 AG83I
Note on inorganic phosphate distribution in soil with special reference to influence of growing plants. Debnath, N C *Indian J Agr Sci* 42 (11): 1064-1065. Nov 1972

081377 22 AG83I
Note on effect of direct application of phosphate to legumes & effect of nitrogen on succeeding cereal crop of rice (Oryza sativa L.). Sharma, J P *Indian J Agr Sci* 42 (11): 1069-1071. Nov 1972

081378 22 IN235
Response of hybrid maize to nitrogen. Krishnamurthy, K *Indian J Agron* 17 (4): 255-258. Dec 1972

081379 22 IN235
Studies by nuclear technique on response of berseem to phosphorus placement. [Egyptian clover]. Sinha, M N *Indian J Agron* 17 (4): 263-267. Ref. Dec 1972

081380 22 IN235
Secondary & micro-nutrients in relation to crops in arid zone of India. II. Effect of spray application of S, Fe, Zn & Mo on growth, post harvest characters & yield of moth beans. (Phaseolus aconitifolius Jacq). [Sulfur, iron, zinc, molybden Jain, G L *Indian J Agron* 17 (4): 271-278. Ref. Dec 1972

081381 22 IN235
Response of soybean [Glycine max (L.) Merr.] to nitrogen & phosphorus. Rao, M R *Indian J Agron* 17 (4): 297-299. Dec 1972

081382 22 IN235
Effect of plant spacings, nitrogen, phosphorus & potash on yield of hybrid jowar (Sorghum vulgare) in different soil types of Rajasthan. Shekhawat, G S *Indian J Agron* 17 (4): 300-302. Dec 1972

081383 22 IN235
A note on response of hybrid maize to zinc. Yadav, S C *Indian J Agron* 17 (4): 353-354. Dec 1972

081384 56.9 IN2
Inorganic phosphorus transformation in Dhankar soil. Gupta, M L *Indian Soc Soil Sci J* 20 (4): 337-342. Ref. Dec 1972

081385 56.9 IN2
Phosphate manuring of soybean & its effect on wheat yield. Chatterjee, B N *Indian Soc Soil Sci J* 20 (4): 375-378. Dec 1972

081386 56.9 IN2
Effect of micronutrients on yield & uptake of micronutrients at different levels of fertility. [Rice]. Chimania, B P *Indian Soc Soil Sci J* 20 (4): 391-397. Ref. Dec 1972

081387 56.9 IN2
Influence of organic manures, ammonical & nitrate nitrogen on availability of soil & applied phosphorus. Prabhakar, A S *Indian Soc Soil Sci J* 20 (4): 413-415. Dec 1972

081388 20 M57AG
Mineral fertilization of potatoes & winter rye on sandy soils. [Hungary]. (Ger) Lang, I *Int Z Landwirt* 4: 444-447. 1972

081389 S9.I83
Agronomical use of pig wastes polluting watercourses (a two-year trials in Modena province. [Fertilizers]. (Ita) Boschi, V *Ist Sper Agron Ann* 2 (2): 355-380. Ref. Eng. Sum. 1971 (Pub. 1972)

081390 16 IT1
Carbon dioxide fertilization in greenhouse culture. (Ita) Apa, A *Ital Agr* 109 (12): 1420-1434. Dec 1972

081391 381 J8223
Controlled release fertilizers by chemical modification of urea: triuret. Hays, J T *J Agr Food Chem* 21 (3): 498-499. Ref. May/June 1973

081392 QH540.J6
Rationale for optimum nitrogen fertilization in corn production. Stanford, G *J Environ Qual* 2 (2): 159-166. Ref. Apr/June 1973

081393 QH540.J6
Distribution & chemistry of phosphorus in an albaqualf soil after 82 years of phosphate fertilization. [Missouri]. Kao, C W *J Environ Qual* 2 (2): 237-240. Ref. Apr-/June 1973

081394 QH540.J6
Effects of treated municipal wastewater on oat forage & grain. Day, A D *J Environ Qual* 2 (2): 282-284. Apr/June 1973

081395 QH540.J6
Long-term effects of manure, fetilizer, & plow depth on chemical properties of soils & nutrient movement in a monoculture corn system. Vitosh, M L *J Environ Qual* 2 (2): 296-298. Apr/June 1973

081396 56.8 J27
Viscosity of ammoniated slurry from wet-process phosphoric acid. [Fertilizers]. (Jap) Akiyama, T *J Sci Soil Manure, Jap* 44 (3): 107-114. Mar 1973

081397 SB354.J8
Effect of different combinations & doses of fertilizers on yield of Jonathan apple. (Cro) Durdevic, B *Jugosl Vocarstvo* 6 (19/20): 589-598. Eng. Sum. 1972

081398 SB354.J8
Effect of soil management on initial yield & fruit size of apples. [Fertilizer application]. (Cro) Jankovic, R *Jugosl Vocarstvo* 6 (19/20): 647-658. Ref. Eng. Sum. 1972

081399 275.28 K13
Organic gardening. Marr, C *Kans 4-h J* 19 (4): 8-9. Apr 1973

081400 75.8 K145
Significance of lime fertilization or soil fertility. (Ger) Henze, R *Kartoffelbau* 24 (1): 5-7. Jan 1973

081401 75.8 K145
Row fertilization of starch potatoes. (Ger) Hempler, K *Kartoffelbau* 24 (3): 68. Mar 1973

081402 75.8 K145
Mineral fertilizer for potatoes as raw material for processing industry. (Ger) Hunnius, W *Kartoffelbau* 24 (3): 70-72. Mar 1973

081403 385 K524
Applying mineral fertilizers to eroded bog-podzolic soils. (Rus) Gordeev, A M *Khim Sel'skom Khoz* 11 (3): 14-16. Ref. 1973

081404 385 K524
Applying mineral fertilizers to potatoes in bog-podzolic soils of Tatar ASSR. (Rus) Gaisin, I A *Khim Sel'skom Khoz* 11 (3): 20-22. 1973

081405 385 K524
Effectiveness of forms of nitrogen fertilizers on tea plantations. [Costs]. (Rus) Mirzoian, A T *Khim Sel'skom Khoz* 11 (3): 22-24. 1973

081406 385 K524
Yield capacity of tomatoes in relation to forms & application dates of phosphorus fertilizers. (Rus) Dzhafarova, V A *Khim Sel'skom Khoz* 11 (3): 24-25. 1973

081407 385 K524
Fertilizers for cotton in Shirvan Steppes. (Rus) Shabanov, M R *Khim Sel'skom Khoz* 11 (3): 26-27. 1973

081408 385 K524
Liming acid soils in Amri ASSR. (Rus) Trukhan, L G *Khim Sel'skom Khoz* 11 (3): 26-27. 1973

081409 385 K524
Methods of improving qualities of phosphate rock. (Rus) Poliak, A M *Khim Sel'skom Khoz* 11 (3): 28-29. Ref. 1973

081410 385 K524
Effectiveness of fertilizers in raising new varieties of winter wheat. (Rus) Godunova, K N *Khim Sel'skom Khoz* 11 (3): 3-5. 1973

081411 385 K524
Effect of phosphorus fertilizers on spring wheat yield relative to amount of mobile phosphates in soil. (Rus) Zhukov, I N *Khim Sel'skom Khoz* 11 (3): 6-8. 1973

081412 385 K524
Method of determing economic effectiveness of fertilizers under production conditions of collective farms & state farms. [Yields]. (Rus) Mosiiuk, F E *Khim Sel'skom Khoz* 11 (3): 74-77. 1973

081413 385 K524
Effectiveness of binary superphosphates on superphosphoric acid. [Fertilizers]. (Rus) Kartseva, L N *Khim Sel'skom Khoz* 11 (3): 8-10. 1973

081414 HD1491.G3K6
Industrial-scale plant production & problems of large-area clearwater/liquid-manure irrigation. (Ger) Findeis, P *Kooperation* 7 (1): 34-36. Jan 1973

081415 49.9 K85W
Dependence of chemical composition of pastures on nitrogen fertilization level exemplified by Dactylis glomerata, Festuca pratensis & Poa pratensis. (Pol) Michna, G *Krakow Inst Zootech Wydawnictwa Wlasne* 271, 78 P. Ref. Eng. Sum. 1972

081416 281.28 K96
Fertiliser distribution through institutional agencies. Quaraishi, M A *Kurukshetra* 21 (8): 4-6. Jan 16, 1973

081417 100 K41 (3)
Report of analyses of official fertilizer samples; July 1971 – June 1972. *Ky Agr Exp Sta Regulat Bull* 211, 71 P. Nov 1972

081418 11 L2322
Using nitrogen in spring. (Dan) Rasmussen, A *Landbonyt* 27 (3): 140-141, 143, 145, 147-149. Mar 1973

081419 S583.L32
Effects of rainfall & differential application of N, p, k, & Ca [Corn] on downward movement of K in an Avalon medium sandy loam cropped wuth maize (Zea mays L. [Nitrogen, phosphorus, potassi Farina, M P W *Landbouwet S-Afr Agric Sci S Afr Agrochemophys* 4 (4): 93-98. Ref. 1972

081420 SB13.L32
Nitrogen fertilization as a means of seedbed preparation for establishment of over-seeded species in Highland Sourveld of Natal. Edwards, P J *Landbouwet S-Afr Agric Sci S Afr Agroplantae* 4 (3): 41-47. 1972

081421 11 L236
Fertilizing potatoes, standard of crop, & food quality. (Nor) Furunes, J *Landbrukstidende* 79 (13): 331, 333-334. Mar 31, 1973

081422 11 L236
Lime requirements – distribution of lime in Trondelag. (Nor) Alfnes, L *Landbrukstidende* 79 (16/16): 395, 397. Apr 14, 1973

081423 58.8 L239
Future prospects for liquid manure. (Ger) Oehring, J *Landmasch -Markt* 51 (4): 10-11. Eng. Sum. Mar 9, 1972

081424 11 L293
Fertilizing advice. [Grain]. (Swe) Persson, L *Lantbrukstidskr Jamtland Harjedalen* 26 (1): 8-9. 1973

081425 12 L29
Fertilizing advice. [Field crops]. (Swe) Svensson, C *Lantbrukstidskr Stockh Lan Stad* 23 (1): 12-14. 1973

081426 11 L234
Fertilize pastures correctly!. (Swe) Steen, E *Lantmannen* 84 (6): 11. Mar 30, 1973

081427 22 M262
Availability fluctuations of soil phosphorus fractions during paddy growth under flooded conditions. [Rice]. Raghupathy, B *Madras Agr J* 60 (1): 17-22. Ref. Jan 1973

081428 22 M262
Response of soybean varieties to graded doses of nitrogen & phosphorus. Kesavan, G *Madras Agr J* 60 (1): 23-26. Ref. Jan 1973

081429 22 M262
Nitrogen response & yield potential of some high yielding rice varieties. Rangiah, P K *Madras Agr J* 60 (2): 100-103. Feb 1973

081430 275.29 M36EL
Fertilizer recommendations, 1973-1974: Delaware, Maryland, New Jersey university cooperative extension service. *Md Univ Ext Leafl* 19 (Rev), 16 P. Dec 1972

081431 S11.O78
Application of liquid manure – a new method. (Swe) Tegnell, I *Medlemsbl Ostergotlands Lans Hushallningssallsk* 6 (1): 12-14. 1973

081432 S13.M4
Fertilization with straw. (Cze) Skarda, M *Metod Zavadeni Vysledku Vyzk Praxe* 24/25, 53 P. Ref. 1972

081433 Q1.A3M5
Organic phosphorus compounds of a northern Michigan bog, bog-lake system. Koenings, J P *Mich Acad* 5 (3): 295-310. Ref. Winter 1973

081434 SF221.M5
Copper fertilization of pastures. (Ger) Ernst, P *Milch Praxis* 11 (1): 16-17. Feb 1973

081435 SF221.M5
Plan for pasture fertilization & utilization – a support for memory & planning. (Ger) Mott, N *Milch Praxis* 11 (1): 6-7. Feb 1973

081436 18 N39
Pasture fertilization experiments of long duration. (Ger) Karns, L *Mitt Deut Landwirt-ges* 88 (19): 544-546. May 10, 1973

081437 S19.M9
Response of paddy varieties to progressive nitrogen application. [Rice]. Panchaksharaiah, S *Mysore J Agr Sci* 6 (4): 393-398. 1972

081438 S19.M9
Phosphorus build up & its influence on physical & chemical properties of hebbal red soils. Badanur, V P *Mysore J Agr Sci* 6 (4): 405-412. Ref. 1972

081439 S19.M9
Effect of incorporating sannhemp on yield of wheat in dry tract of Bijapur. [Green manures]. Morabad, I R *Mysore J Agr Sci* 6 (4): 507-509. 1972

081440 100 N45ST
Inspection of commercial feedingstuffs, 1971 – 72; commercial fertilizers, 1972; agricultural & vegetable seeds, 1972. *N H Agr Exp Sta State Serv Rep* 33, 31 P. Dec 1972

081441 S671.N44
Spinning disc distributor. 2. Influence of application rate, vane angle, & disc speed evenness of distribution; estimations of maximum possible bout widths. [Fertiliser's]. Davies, G R *N Z Agric Eng Inst Proj Rep P* 9, 23 P. Feb 1973

081442 56.8 N48
Estimation of fertiliser rate for maintaining pasture production. Middleton, K R *N Z Soil News* 21 (1): 17-22. Ref. 1973

081443 20.5 N86
Problems of fertilizer use guidance as related to new techniques of plant production. (Pol) Czuba, R *Nowe Roln* 22 (7/8): 13-15. Apr 1/30 1973

081444 20.5 N86
Ecological foundations of intensification of fertilizer use. (Pol) Siuta-Iung, J *Nowe Roln* 22 (7/8): 15-16. Apr 1/30 1973

081445 20.5 N86
Selected problems of fertilizer use in Lodz province. (Pol) Cybulski, J *Nowe Roln* 22 (7/8): 17-18. Apr 1/30 1973

081446 20.5 N86
What can favour & what can hamper increasing use of fertilizers. (Pol) Maznicki, L *Nowe Roln* 22 (7/8): 19-20. Apr 1/30 1973

081447 20.5 N86
Problems of improving knowledge of fertilizers use. (Pol) Kazimierczak, Z *Nowe Roln* 22 (7/8): 22-23. Apr 1/30 1973

081448 20.5 N86
Some problems connected with a higher level of fertilizers use. (Pol) Gorny, J *Nowe Roln* 22 (7/8): 23-24. Apr 1/30 1973

081449 20.5 N86
Effectiveness of fertilizer use. (Pol) Boguszewski, W *Nowe Roln* 22 (7/8): 25-26. Apr 1/30 1973

081450 20.5 N86
A relationship between demand for fertilizers & efficiency of fertilizer use. (Pol) Kurek, E *Nowe Roln* 22 (7/8): 26-29. Apr 1/30 1973

081451 20.5 N86
Factors determining economic efficiency of fertilizer use. (Pol) Kierul, Z *Nowe Roln* 22 (7/8): 29-30. Apr 1/30 1973

081452 20.5 N86
Current problems of fertilizer use. (Pol) Boratynski, K *Nowe Roln* 22 (7/8): 30-32. Apr 1/30 1973

081453 20.5 N86
Some problems of grassland fertilization. (Pol) Nowak, M *Nowe Roln* 22 (7/8): 32-33. Apr 1/30 1973

081454 20.5 N86
Magnesium fertilization. (Pol) Jaskowski, Z *Nowe Roln* 22 (7/8): 34-36. Apr 1/30 1973

081455 20.5 N86
Role of micronutrients in intensification of plant production. (Pol) Szukalski, H *Nowe Roln* 22 (7/8): 36-37. Apr 1/30 1973

081456 20.5 N86
Need for soil fertilization in Lodz province & possibilities to meet it. (Pol) Zieba, S *Nowe Roln* 22 (7/8): 37-38. Apr 1/30 1973

081457 20.5 N86
Fertilizer application to various crops & their nutritional value. (Pol) Swietlikowska, U *Nowe Roln* 22 (7/8): 39-40. Apr 1/30 1973

081458 20.5 N86
Outlook for development of fertilizers production, changes in their assortmant, popularization of their use. (Pol) Szymanska, Z *Nowe Roln* 22 (7/8): 4-7. Apr 1/30 1973

081459 20.5 N86
Fertilizer use in farmers' opinions. (Pol) Wos, A *Nowe Roln* 22 (7/8): 43-45. Apr 1/30 1973

081460 20.5 N86
Crucial problems of fertilizer production & use during 1973 – 1975. (Pol) Burczyk, H *Nowe Roln* 22 (7/8): 46-48. Apr 1/30 1973

081461 20.5 N86
Fertilizers & some problems of Programme of Plant Production Growth. (Pol) Kazmierczak, Z *Nowe Roln* 22 (7/8): 7-9. Apr 1/30 1973

081462 20.5 N86
Problems of turnover of fertilizers. (Pol) Ciosinski, A *Nowe Roln* 22 (7/8): 9-13. Apr 1/30 1973

081463 500 P383
A study of soil & vegetation in old fields in Northampton County, Pennsylvania. Bartlett, R *Penn Acad Sci Proc* 46: 75-76. 1972

081464 22 P693
Manuring of tea: present recommendations. Ranganathan, V *Planters Chron* 68 (8): 159-162. Apr 15, 1973

081465 S590.P6
Effect of nitrogen & phosphorus top dressing on yields & chemical composition of tow soybean varieties. (Bul) Velchev, V *Pochvozn Agrokhim* 8 (1): 105-110. Ref. Eng. Sum. 1973

081466 S590.P6
Effect of magnesium top dressing on wheat & maize grown on forest soils. (Bul) Buchvarova, I *Pochvozn Agrokhim* 8 (1): 111-118. Ref. Eng. Sum. 1973

081467 S590.P6
A mathematical model to prepare copper-enriched ureaform. (Bul) Popova, L *Pochvozn Agrokhim* 8 (1): 119-123. Eng. Sum. 1973

081468 SB211.P8I5
Influence of phosphorus fertilization on yield & quality of seed potatoes after early haulm removal. (Pol) Gabriel, W *Pol Inst Ziemniaka Biul* 9: 45-56. Eng. Sum. 1972

081469 SB211.P8I5
Effect of divided nitrogen doses on yield & some qualitative characters of potatoes. (Pol) Fotyma, M *Pol Inst Ziemniaka Biul* 9: 57-69. Ref. Eng. Sum. 1972

081470 19.5 P752
Hydrogen-ion concentration dynamics of loess brown soils in intensive manuring with synthetic & organic fertilizers. (Slo) Hanes, J *Pol'nohospodarstvo* 19 (1): 11-15. Ref. Eng. Sum. 1973

081471 304.9 P87
Effect of limestone on flax crop & its quality. (Pol) Mackiewicz, Z *Poznan Inst Przemyslu Wlokien Lykowych Prace* 19: 21-32. Ref. Eng. Sum. 1972

081472 S13.P72
Effect of mineral fertilization on meadow soil respiration; model trials. (Cze) Strafelda, J *Prague Vys Sk Zemed Fak Agron Sb Rada A Rostl Vyroba* 1: 201-210. Ref. Eng. Sum. 1973

081473 21 R862
Influence of fertilization of preceding crop on efficiency of fertilizers applied to subsequent crop in wheat – corn rotation. (Rum) Pop, L *Probl Agr (bucharest)* 24 (12): 13-22. Eng. Sum. 1972

081474 21 R862
Some aspects concerning establishment of fertilization system in main field crops. (Rum) Isfan, D *Probl Agr (bucharest)* 25 (1): 52-63. Ref. Eng. Sum. 1973

081475 281.9 B87
Influence of nitrogen on production of grasses. (Fre) Plancquaert, P *Prod Agr Fr* 49 (127): 25. Apr 1, 1973

081476 23 Q37
Effects of a spray-on suckercide & a complete fertilizer on some characteristics of slue-cured tobacco in south-eastern Queensland. Dean, J C *Queensland J Agr Anim Sci* 29 (4): 241-253. Dec 1972

081477 23 Q37
Nitrogen fertilizer trials on irrigated navy beans. Kerr, J C *Queensland J Agr Anim Sci* 29 (4): 281-287. Dec 1972

081478 107 R26
Effect of N,P,K [nitrogen, phosphorus, potassium] fertilization on potato yield & level of these elements in plants, & their availability in northern golan soil. (Heb) Feigin, A *Rehovot Nat Univ Inst Agr Prelim Rep* 717, 50 P. Ref. Eng. Sum. May 1972

081479 100 OK4M
Wheat variety X fertilizer response study. Morrill, L G *Res Rep P Agric Exp Stn Okla State Univ* 684: 13-16. May 1973

081480 100 OK4M
Effect of fertilization & other management variables on wheat forage & grain production. Morrill, L G *Res Rep P Agric Exp Stn Okla State Univ* 684: 17-18. May 1973

081481 100 OK4M
Fertilizer use on wheat. Tucker, B *Res Rep P Agric Exp Stn Okla State Univ* 684: 19-20. May 1973

081482 100 OK4M
Method of phosphate application for wheat forage & grain production. Tucker, B *Res Rep P Agric Exp Stn Okla State Univ* 684: 21. May 1973

081483 100 OK4M
Source of phosphorus fertilizer for wheat production. Tucker, B *Res Rep P Agric Exp Stn Okla State Univ* 684: 22. May 1973

081484 100 OK4M
Morpa weeping lovegrass fertility test. [Eragrostis curvula, fertilizers]. McMurphy, W E *Res Rep P Agric Exp Stn Okla State Univ* 684: 23-25. May 1973

081485 100 OK4M
Plains bluestem fertility test. [Agropuron smithi]. McMurphy, W E *Res Rep P Agric Exp Stn Okla State Univ* 684: 26. May 1973

081486 100 OK4M
Fertilizer use on alfalfa. Tucker, B *Res Rep P Agric Exp Stn Okla State Univ* 684: 29. May 1973

081487 100 OK4M
Fertilizer use on grain sorghum. Tucker, B *Res Rep P Agric Exp Stn Okla State Univ* 684: 32. May 1973

081488 343 R32
Simultaneous determination of 'A' & 'L' values in greenhouse using P-32 & P-33. [Fertilizers]. (Spa) Bolano De Daniel, A A *Rev Invest Agropecuar Ser 3 Clima Suelo* 9 (2): 53-60. Eng. Sum. 1972

081489 24 R3472
Effectiveness of zincated fertilizers for young maize as influenced by fertilizer pH [hydrogen-ion concentration]. Tanner, P D *Rhodesia Zambia Malawi J Agr Res* 11 (1): 69-75. Ref. 1973

081490 20.5 R59 SER. F
Effect of peat fertilizers on productivity of light soils. (Pol) Szymanowski, M *Rocz Nauk Roln Ser F Melior Uzytkow Zielonych* 78 (2): 27-43. Ref. Eng. Sum. 1973

081491 80 SA15
Effect of fertilizers on apple tree yield. (Rus) Eronova, A L *Sadov Vinogradarstvo Vinodelie Moldavii* 1: 13-15. Jan 1973

081492 65.8 SE4
Calibration of available soil phosphorus values found with modified Hellige-Truog method with phosphorus requirement of sugar beets. 1. Determination of phosphorus fertilizer application rates to obtain selected yield levels. (Tur) Barker, S *Seker* 23 (86): 7-17. Ref. Eng. Sum. Jan 1973

081493 SB123.A2S4
Reaction of spring barley varieties to application of mineral fertilizers. (Rus) Manziuk, V T *Selek Semenovod (kiev)* 22: 10-14. 1972

081494 93.33 SH62B
Studies on developing qualtiy of Satsuma mandarin. 1. Effect of different fertilization on fruits composition & storage abiltiy. (Jap) Suzuki, H *Shizuoka Citrus Exp Sta Bull* 10: 47-60. Ref. Eng. Sum. Sept 1972

081495 93.33 SH62B
Fertilizer test using liquid fertilizer by sprinkler. I. effect of liquid fertilizer application on leaf, peer, flesh inorganic nutrient content, fruit quali (Jap) Oshiru, A *Shizuoka Citrus Exp Sta Bull* 10: 61-75. Ref. Eng. Sum. Sept 1972

081496 S13.S55
On joint application of organic & mineral fertilizers. (Rus) Baranov, P A *Sib Vestn S-kh Nauk* 1: 91-98. Ref. Jan/Feb 1973

081497 57.9 ST52
Poisonous effects of a high nitrogen content in grassland on production & health of dairy cattle. (Dut) Groot, T de *Stikstof* 72 (6): 495-532. Ref. 1972

081498 S671.S8
Storage & handling of commercial fertilizers (review). (Cze) Stastny, M *Stud Inf Zemed Tech* 6, 84 P. Ref. Eng. Sum. 1972

081499 TN890.A1S8
Effect of N [nitrogen] & S [sulphur] fertilization on yield & quality of orchardgrass. [Dactylis]. Baker, A S *Sulphur Inst J* 9 (1): 14-16. Winter/Spring 1973

081500 54.8 SU7
Reaction of Pinus sylvestris to various nitrogen fertilizers on drained peatlands. (Fin) Paavilainen, E *Suo* 24 (1): 20-23. Eng. Sum. Mar 16, 1973

081501 66.9 SV22
Silt lime – an all-around way to improve soil. (Swe) Gronevik, G *Sver Betodlares Centralforen Betodlaren* 35 (4): 163-165. 1972

081502 66.9 SV22
Liquid nitrogen for sugar beets? (Swe) Rattzen, B *Sver Betodlares Centralforen Betodlaren* 36 (1): 38-39. 1973

081503 22.5 AG823
Effect of magypsum urea on rice. (Chi) Yang, S C *Taiwan Agr Res J* 21 (4): 215-220. Eng. Sum. Dec 1972

081504 22.5 AG823
Leaf analysis as a guide to fertilization of citrus tree. Yen, M J *Taiwan Agr Res J* 21 (4): 250-255. Ref. Dec 1972

081505 22.5 AG823
Effect of timing of fertilizations on yield of fresh grass & oil content & quality in citronella grass. [Cymbopogon narus]. (Chi) Shyu, Y T *Taiwan Agr Res J* 21 (4): 280-289. Eng. Sum. Dec 1972

081506 100 T25F
Lime & molybdenum in soybean production. Smith, H C *Tenn Farm Home Sci Progr Rep* 85: 28-31. Jan/Mar 1973

081507 104 SW3 SUPPL.
Commercial fertilizers & water quality. (Swe) Svanberb, O *Tidskr Suppl K Skogs Lantbruksakad (stockh)* 9: 11-13. Map. Ref. 1972

081508 HD9130.1.T6
Part organic versus all mineral nitrogen fertilization of flue-cured tobacco. Hawks, S N *Tob Sci* 16: 115-116. 1972

081509 HD9130.1.T6
Comparison of soil incorporated organic additives to seedbeds to imporve transplant production in Maryland tobacco. Hoyert, J H *Tob Sci* 16: 98-99. 1972

081510 64.8 Z12
Spring manuring of winter wheat. (Cze) Bezdek, V *Uroda* 21 (2): 52-54. 1973

081511 20 V633
Calculating dosage of fertilizers for a planned yield in irrigated pastures. (Rus) Kaiumov, M K *Vestn Sel'skokhoz Nauk (moscow)* 3: 109-111. Eng. Sum. Mar 1973

081512 20 V633
Productivity of irrigated pastures with mineral fertilizers applied. (Rus) Andreev, N G *Vestn Sel'skokhoz Nauk (moscow)* 3: 39-48. Ref. Eng. Sum. Mar 1973

081513 99.8 M69
Results of needle analyses from a fertilizer trial in a smoke-damaged Norway spruce stand. (Ger) Stefan, K *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 521-534. Ref. Eng. Sum. 1972

081514 20 AK1
Forecasting optimum dosage of micronutrients in making up compound fertilizers according to multiple regression equation. (Rus) Vlasiuk, P A *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 10: 2-3. Oct 1972

081515 20 AK1
Effect of combined mineral fertilizers and application methods on organogenesis and yield of spring wheat. (Rus) Siaglov, V A *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 3: 17-18. Mar 1973

081516 20 AK1
On use of polyphosphates as components of complex fertilizers. (Rus) Sosnovaia, O N *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 3: 25-28. Ref. Mar 1973

081517 20 AK1
Effect of mineral fertilizers on yield capacity of cotton & alfalfa in Karakalpak region. (Rus) Alimbetov, S A *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 4: 14-16. Apr 1973

081518 100 W27E
Influence of limestone, magnesium, & trace element applications on strawberry plant & fruit production on Nisqually loamy sands. Baker, A S *Wash Agr Exp Sta Bull* 776, 5 P. June 1973

081519 100 W27S
1970 Fertilizer trials on irrigated beans in central Washington. Dow, A I *Wash Agr Exp Sta Circ* 564, 14 P. Ref. May 1973

081520 292.8 W295
Nitrogen & phosphorus losses in surface runoff from agricultural land as influenced by placement of broadcast fertilizer. Timmons, D R *Water Resources Res* 9 (3): 658-667. Ref. June 1973

081521 79.8 W41
Soil organic matter effect on activity of acetnailides, CDAA [N,N-dially1-2-chloroactamide]. Parochetti, J V *Weed Sci* 21 (3): 157-160. Ref. May 1973

081522 72.8 W522
Response of narrow-row cotton to management of water & fertilizer. Briggs, R E *West Cotton Prod Conf Sum-proc* P. 12-14. 1973

081523 72.8 W522
Varietal response of narrow-row cotton to management of water & fertilizer on Texas High Plains. Onken, A B *West Cotton Prod Conf Sum-proc* P. 14-16. 1973

081524 100 W75R
Influence of alfalfa stand patterns & nitrogen fertilization on yield & persistence of grasses grown with alfalfa. [Bromus inermis, Dactylis glo Smith, D *Wis Agr Exp Sta Res Rep* 2480, 17 P. Apr 1973

081525 99.8 W856
Early results of operational fertilization at Union Camp. [Georgia, forest trees]. Broerman, F S *Woodland Res Notes* 28, 2 P. Apr 1973

081526 49 Z6
Using liquid manure on irrigated cultivated pasture on Michurin complex for fattening cattle. (Rus) Andreev, N G *Zhivotnovodstvo* 4: 40-42. Apr 1973

SOIL RESOURCES AND MANAGEMENT

081527 4 AM34P
Operational value of weather information in relation to soil management characteristics. Ewalt, R E *Agron J* 65 (3): 437-441. May/June 1973

081528 4 AM34P
Effect of different tillage methods on growth & yield & silage corn. Hakimi, A H *Agron J* 65 (3): 509-510. May/June 1973

081529 S13.B7
Landscape improvement & reclamation science & further trends in its development. (Cze) Vanicek, V *Brno Acta Univ Agr Fac Agron* 20 (3): 421-428. Eng. Sum. 1972

081530 60.9 C46
A review of soil conservation in New Zealand. Hogg, J T *Christchurch Tussock Grassland Mountain Lands Inst Rev* 25: 50-62. Dec 1972

081531 100 C71C
Early vs delayed fallow with different tillage & seedbed implements, 1972. [Wheat]. Langin, E J *Colo Agr Exp Sta Progr Rep Pr* 73-23, 2 P. Apr 1973

081532 58.8 D482
Measures of preparation & cultivation taken with a view to improving screening capacity of heavy soils. (Ger) Zander, J *Deut Agrartech* 2: 55-58. 1973

081533 18 D4825T
Soil tillage in cereal culture. (Ger) Herzog, R *Deut Akad Landwirtschaftswiss Tagungsber* 119: 323-331. Eng. Sum. 1972

081534 HD9016.I4F3
Effect of acid, saline & alkaline soils on crop production & their reclamation. Jayachandran, V *Farm Fact* 7 (4): 21-24. Feb 1973

081535 18 W763
Structure-saving plantbed preparation for potatoes. (Ger) Kunze, A *Feldwirtschaft* 14 (2): 70-71. Feb 1973

081536 18 W763
Amelioration tasks for further socialist intensification of agricutlural production in 1973. [East Germany]. (Ger) Drager, M *Feldwirtschaft* 14 (4): 149-153. Apr 1973

081537 18 W763
Complex amelioration for higher yield of water-surplus plots. (Ger) Stracke, W *Feldwirtschaft* 14 (4): 166-169. Apr 1973

081538 18 W763
Soil treatment after cereals. (Ger) Kunze, A *Feldwirtschaft* 14 (5): 216-219. May 1973

081539 80 G1948
Efficient chemical disinfection of soil under glass & plastic covers. (Ger) Bochow, H *Gartenbau* 20 (4): 95-97. Apr 1973

081540 QK1.I53
Interpretation of photography & techniques for restoration . [Soils, ecology]. (Ita) Biasini, A *Inf Bot Ital* 4 (3): 258-262. Sept/Dec 1972

081541 QK1.I53
First experiment with a map showing soil erosion. (Ita) Pignatti, S *Inf Bot Ital* 4 (3): 265-271. Map. Sept/Dec 1972

081542 61.9 IN8
Plant materials development by Soil Conservation Service. Merkel, D L *Int Crop Impr Ass Annu Rep* 54: 62-66. 1972

081543 20 M57AG
Prognosis for development of land improvement in member countries of Council for Mutual Economic Assistance. (Ger) Meinikow, W *Int Z Landwirt* 2: 219-233. 1973

081544 20 M57AG
Digging of land improvement ditches by means of blasting. (Ger) Sole, B *Int Z Landwirt* 2: 224-226. 1973

081545 16 IT1
Ecological crisis, agriculture, & soil fertility. (Ita) Florenzano, G *Ital Agr* 110 (1): 77-98. Ref. Jan 1973

081546 QH540.J6
Nitrogen & phosphorus composition of surface runoff as affected by tillage method. Romkens, M J M *J Environ Qual* 2 (2): 292-295. Ref. Apr/June 1973

081547 QH540.J6
Nitrogen losses in surface runoff from agricultural watersheds on Missouri Valley loess. Schuman, G E *J Environ Qual* 2 (2): 299-302. Ref. Apr/June 1973

081548 QH540.J6
Stabilizing copper mine tailing disposal berms with giant bermudagrass. Day, A D *J Environ Qual* 2 (2): 314-315. Apr-/June 1973

081549 60.9 J27
Removal of surface soil by mechanical method of grassland establishment. (Jap) Kobayashi, H *Jap Soc Grassland Sci J* 18 (3): 188-195. Ref. Eng. Sum. Oct 1972

081550 SB354.J8
Effect of soil treatment on trunk diameter & yield of Bartlett pear cultivar. (Cro) Jazbec, M *Jugosl Vocarstvo* 6 (19/20): 659-666. Ref. Eng. Sum. 1972

081551 SB354.J8
On contribution to soil cultivation in modern orchard plantations. (Cro) Nikolic, B *Jugosl Vocarstvo* 6 (19/20): 667-675. Eng. Sum. 1972

081552 TC1.L3
International Institute for Land Reclamation & Improve ment (ILRI-Wageningen). (Dut) Bauer, A J H *Land Water* 17 (3): 34-35. Mar 1973

081553 58.8 L2352
Sugar beets & potatoes planted in chemically killed rye. [Soil erosion, control]. (Dut) Lumkes, L M *Landbouwmechanisatie* 24 (4): 353-358. Eng. Sum. Apr 1972

081554 56.9 N472
Soil erosion of land systems within Hunter Valley. Higginson, F R *New S Wales Soil Conserv Serv J* 29 (2): 103-110. Ref. Apr 1973

081555 56.9 N472
Soils & water conservation on a New England property. [Australia]. Olsen, D P *New S Wales Soil Conserv Serv J* 29 (2): 75-81. Apr 1973

081556 56.9 N472
Soil conservation on armoured fighting vehicle range at Singleton. Jones, J S L *New S Wales Soil Conserv Serv J* 29 (2): 82-86. Apr 1973

081557 56.9 N472
Protecting level sill bank outlets. Doran, L *New S Wales Soil Conserv Serv J* 29 (2): 87-89. Apr 1973

081558 56.9 N472
Stabilization of road batters & associated distrubed areas during & after construction. Nebauer, N R *New S Wales Soil Conserv Serv J* 29 (2): 90-102. Apr 1973

081559 57.8 P34
Muddiness of river water as an indicator of recent erosion process development. (Rus) Bakanina, F M *Pochvovedenie* 4: 131-133. Eng. Sum. Apr 1973

081560 57.8 P34
Experiment of sowing perennial grasses on eroded soil. (Rus) Mirkhashimov, S M *Pochvovedenie* 4: 142-145. Apr 1973

081561 57.8 P34
Experimental leachings of salinized soils in south-west of Golodnaya Steppe. (Rus) Maslennikov, V V *Pochvovedenie* 4: 87-92. Eng. Sum. Apr 1973

081562 57.8 P34
Problem of classification & terminology of erosion-preventive measures. (Rus) Zaslavskii, M N *Pochvovedenie* 4: 93-100. Eng. Sum. Apr 1973

081563 6 P9452
Rock mulch is rediscovered. Fuller, W H *Progr Agr Ariz* 25 (1): 8-9. Jan/Mar 1973

081564 100 OK4M
Performance of parallel terrace system. Crow, F R *Res Rep P Agric Exp Stn Okla State Univ* 684: 4. May 1973

081565 58.8 T678AG
Aspects of plant cultivation & soil physics in seed bed preparation. (Ger) Jaggli, F *Schweiz Landtech* 35 (4): 217-222. Mar 1973

081566 65.8 SE4
Saline & sodic soil & amelioration methods. (Tur) Vanli, N *Seker* 23 (86): 28-33. Eng. Sum. Jan 1973

081567 S13.S55
Some problems on development of floodplain lands in northern areas of Tiumen Region. (Rus) Rusinov, I F *Sib Vestn S-kh Nauk* 1: 39-41. Jan/Feb 1973

081568 S13.S55
Means of improving tussock-meadows in floodplains of middle Ob' River. (Rus) Fedorova, G P *Sib Vestn S-kh Nauk* 1: 41-45. Jan/Feb 1973

081569 1.6 SO3S
It's not nice to fool with Mother Nature. [Soil erosion]. Rowan, C L *Soil Conserv* 38 (9): 195-197. Apr 1973

081570 1.6 SO3S
After coal – what? [Reclamation, open pit mining]. Oberwager, D *Soil Conserv* 38 (9): 198-199. Apr 1973

081571 56.8 SO3
Puddling tropical rice soils. 2. Effects of water losses. Sanchez, P A *Soil Sci* 115 (4): 303-308. Ref. Apr 1973

081572 80 SV23
Soil composition & ground preparation. [Fruit culture]. (Swe) Ericsson, N A *SYr Inf Fruktodlaren (sver Yrkesfruktodlares Riksforb)* 15 (2): 15-17. 1973

081573 23 T182T
Soil conservation & soil erosion control in Tasmania: Vegetation to control tunnel erosion. Colclough, J D *Tasmania J Agric* 44 (1): 65-70. Feb 1973

081574 S631.A82
Reclamation of some problem soils in Thailand. Komes, A *Tech Bull ASPAC Food Fert Technol Cent (asian Pac Counc)* 14 (5): 29-49. Ref. Mar 1973

081575 1 AG84PRO
Conservation activities, for Girl Scouts. *U S D A Pa* 1009, 32 P. Dec 1972

081576 aS591.A22
Procedure for computing sheet & rill erosion on project areas. Wischmeier, W H *U S Soil Conserv Serv Soil Surv Invest Rep* 51, 14 P. Sept 1972

081577 64.8 Z12
System in soil management for sugar beet from point of view of new technologies. (Cze) Simon, J *Uroda* 21 (3): 108-109. 1973

081578 64.8 Z12
Protection, expansion & fertilization of soil in Olomouc district. [Czechoslovakia]. (Cze) Horinek, M *Uroda* 21 (3): 116-117. 1973

081579 20 V633
Science bars way to drought & soil erosion. (Rus) Vinogradov, V N *Vestn Sel'skokhoz Nauk (moscow)* 10: 1-4. Oct 1972

081580 20 V633
Stucy of erodability of Sierozem soils with use of an aerodynamic field unit. (Rus) Zhigailov, V V *Vestn Sel'skokhoz Nauk (moscow)* 10: 127-133. Eng. Sum. Oct 1972

081581 20 V633
Soil protective agriculture in steppes of southern Urals. [Tillage, soil erosion]. (Rus) Lysak, G N *Vestn Sel'skokhoz Nauk (moscow)* 10: 38-43. Eng. Sum. Oct 1972

081582 20 V633
Soil tillage for winter wheat after various preceding crops. (Rus) Rubin, S S *Vestn Sel'skokhoz Nauk (moscow)* 10: 44-50. Eng. Sum. Oct 1972

081583 20 V633
Restoring fertility of eroded soils in the subropics. (Rus) Daraseliia, M K *Vestn Sel'skokhoz Nauk (moscow)* 3: 33-38. Eng. Sum. Mar 1973

081584 20 V633
Improving soil tillage for subropical crops. (Rus) Chikovani, A Sh *Vestn Sel'skokhoz Nauk (moscow)* 4: 96-102. Ref. Eng. Sum. Apr 1973

081585 20 M66
Neotectonics & some problems of reclamation of Pripet Polesye region. [Swamps]. (Bel) Kisialeu, V N *Vestsi Akad Navuk BSSR, Ser Sel'skahaspad Navuk* 1: 21-22. 1973

081586 20 AK1
Importance of friable layer of soil in between rows of sunflowers. (Rus) Semikhnenko, P G *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 10: 8-9. Oct 1972

081587 20 AK1
Hydrological & erosion control importance of forest shelterbelts. (Rus) Surmach, G P *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 3: 28-29. Ref. Mar 1973

081588 S605.A1Z4
On protective capacity of grass swards in some sea dikes of East Friesland. (Ger) Hiller, H *Z Kulturtech Flurbereinig* 14 (2): 99-111. Ref. Eng. Sum. Mar/Apr 1973

081589 20.5 Z5
Evaluation of an organizational & legislative conditions of soil erosion control as exemplified by problems of Zolkiewka River Basin. (Pol) Obraczka, R *Zeszyty Probl Postepow Nauk Roln* 138: 145-167. Ref. 1972

081590 20.5 Z5
Reclamation of grey forest soils on slopes by planting fruit trees. [Terracing]. (Rus) Biolchev, A *Zeszyty Probl Postepow Nauk Roln* 138: 29-37. 1972

081591 20.5 Z5
Method of investigating effective soil protection from erosion in Czechoslovakia. (Rus) Pasak, W *Zeszyty Probl Postepow Nauk Roln* 138: 39-45. 1972

081592 20.5 Z5
Erosion classification of pastures in Bulgaria. (Rus) Dzhingov, A *Zeszyty Probl Postepow Nauk Roln* 138: 47-51. 1972

WATER RESOURCES AND MANAGEMENT

081593 S19.A32
Economics of different water lifting devices in jaipur district of rajasthan. Chauhan, K K S *Agric Agro-ind J* 6 (3): 36-40. Mar 1973

081594 HD107.N68
First annual report on effects of added rainfall during growing season in North Dakota. *Agric Econ Misc Rep N D State Univ Agric Appl Sci* 9, 12 P., Map. Oct 1972

081595 30.98 AG82
A French agricultural canal – Canal della Sauldre & nineteenth-century improvement of Sologne. Sutton, K *Agric Hist Rev* 21 (1): 51-56. 1973

081596 442.9 AK132
Composition & seasonal changes in mineralization of river water, groundwater & spring water of Kura River floodplain (in Kirovabad-Kazakh Massif). (Rus) Gasanov, V G *Akad Nauk Azerbaidzh Ssr Izv Ser Biol Med Nauk* 3: 65-71. 1972

081597 75.8 P842
Frequent low-volume sprinkler irrigation of potatoes. Krogman, K K *Amer Potato J* 50 (4): 133-138. Apr 1973

081598 292.9 AM32J
Water use, consumption, & outlook in US in 1970. Murray, C R *Amer Water Works Ass J* 65 (5): 302-308. Ref. May 1973

081599 292.9 AM32J
Water-utility manager development. Langworthy, V W *Amer Water Works Ass J* 65 (5): 309-315. May 1973

081600 292.9 AM32J
Effects of watershed development on water quality. Ruane, R J *Amer Water Works Ass J* 65 (5): 358-363. May 1973

081601 506 SP12
Undergrounds waters of Hierro island. (Spa) Fernandez Caldas, E *An Edafol Agrobiol* 32 (1/2): 75-87. Map. Eng. Sum. Jan/Feb 1973

081602 449.8 AR2
Ozone for disinfection of water contaminated with vegetative & spore forms of bacteria, fungi, & viruses. (Ger) Haufele, A *Arch Hyg Bakteriol* 157 (1): 53-70. Ref. Eng. Sum. 1973

081603 100 AR4 (2)
Groundwater in Little Chino Valley, Arizona. Matlock, W G *Ariz Agr Exp Sta Tech Bull* 201, 19 P. Map. Apr 1973

081604 65.9 AU7
An experiment in irrigation scheduling. [Sugarcane]. Kingston, G *Australian Sugar Year Book* 32: 183, 185, 187-189. 1973

081605 S760.A75A35
Increasing water use efficiency in multiple cropping. [India]. Michael, A M *AMa (agric Mech Asia)* 4 (1): 113-117, 105. Spring 1973

081606 81 C128
Drip irrigation experiments with avocados in San Diego County. Gustafson, C D *Calif Avocado Soc Yearbook* 56: 109-112. 1973

081607 81 C128
Irrigation schedules in an avocado plantation using trickle & sprinkling irrigation systems. Gornat, B *Calif Avocado Soc Yearbook* 56: 114-119. 1973

081608 385 C42
Automatic measurement of surface water. (Dut) Kroon, D J *Chem Weekbl* 69 (16): 12-13. Map. Apr 20, 1973

081609 385 C42
Desalinization process. [Water resources]. (Dut) Kuiper, D *Chem Weekbl* 69 (16): 14-16. Apr 20, 1973

081610 385 C42
Water maintenance in Netherlands. (Dut) Oudshoorn, H M *Chem Weekbl* 69 (16): 7, 10-12. Map. Apr 20, 1973

081611 77.9 IN292
Summer irrigation in sandy & sandy loam soils. [Coconut]. Venkitesan, T S *Coconut Bull* 3 (10): 2-4. Feb 1973

081612 100 C71C
Irrigation scheduling for grain sorghum. Langin, E J *Colo Agr Exp Sta Progr Rep Pr* 73-26, 2 P. Apr 1973

081613 18 D4825T
Effect of sprinkler irrigation as well as concentration of culture measures on yield & yield structure. [Grain]. (Ger) Wicke, H J *Deut Akad Landwirtschaftswiss Tagungsber* 119: 287-294. Eng. Sum. 1972

081614 41.8 EC7
Principal biological methods of determination of degree of pollution of running waters. (Fre) Verneaux, J *Econ Med Anim* 14 (1): 11-19. Ref. Jan/Feb 1973

081615 HD9016.I4F3
Advances in Israel's irrigation. Goldberg, D *Farm Fact* 7 (4): 31-34. Feb 1973

081616 18 W763
Better irrigation – essential to improving agricultural production in Volga Region. (Ger) Keldys, M V *Feldwirtschaft* 14 (4): 153-155. Apr 1973

081617 18 W763
Experience & problems in organizing operation of heavy-duty sprinkler irrigation systems. (Ger) Dietrich, R *Feldwirtschaft* 14 (4): 156-158. Apr 1973

081618 S15.G5
Irrigation: Factor of development of agriculture. (Por) Santos, M M dos *Gleba* 16 (204): 8-9. Oct 1972

081619 11 H35
Removing iron from stream water. (Dan) Olesen, S E *Hedeselsk Tidsskr* 94 (3): 46-49. Mar 15, 1973

081620 345 M562
Water quality management schemes based on dilution rate increasing. (Rum) Teodorescu, I *Hidroteh Gospod Apelor Meterol* 17 (10): 556-560. Eng. Sum., P.ii Oct 1972

081621 345 M562
Degrees of security of some maximum flow values in Argesh watershed. (Rum) Popa, G *Hidroteh Gospod Apelor Meterol* 17 (8): 442-447. Aug 1972

081622 55.9 IN222
Waterlogging in Hirakud ayacut. Tyagi, N K *India Cent Board Irrig Power Publ* 118 (V. 1): 1-6. Map. Dec 1972

081623 55.9 IN222
Problem of waterlogging in protected area of Eastern Kosi Flood Embankment – its causes, effects & remedies. Ghosh, R *India Cent Board Irrig Power Publ* 118 (V. 1): 11-16. Dec 1972

081624 55.9 IN222
Design criteria for drainage profects in Punjab. Sharma, R P *India Cent Board Irrig Power Publ* 118 (V. 1): 111-122. Dec 1972

081625 55.9 IN222
Proposed combination of surface & subsurface drainage system for Madanpur, Khadar, Asola & Ali areas. Bhattacharya, A K *India Cent Board Irrig Power Publ* 118 (V. 1): 138-142. Dec 1972

081626 55.9 IN222
Proposed viscous model for design of drainage system of Madanpur, Khadar, Asola, Ali, etc., waterlogged areas. Sarkar, T K *India Cent Board Irrig Power Publ* 118 (V. 1): 143-148. Dec 1972

081627 55.9 IN222
Some observations on performance of crops under waterlogged conditions, periodical fluctuations in water-table & efficacy of cropping patterns. Zende, G K *India Cent Board Irrig Power Publ* 118 (V. 1): 151-160. Ref. Dec 1972

081628 55.9 IN222
Cropping patterns for waterlogged areas. Sandhu, J S *India Cent Board Irrig Power Publ* 118 (V. 1): 161-175. Ref. Dec 1972

081629 55.9 IN222
Surface & sub-surface drainage hydrology. Chauhan, H S *India Cent Board Irrig Power Publ* 118 (V. 1): 19-28. Ref. Dec 1972

081630 55.9 IN222
Ground water-table fluctuations & measures for stabilising same. Sehgal, S R *India Cent Board Irrig Power Publ* 118 (V. 1): 29-36. Ref. Dec 1972

081631 55.9 IN222
Rise of water-table & development of waterlogging in a non-canal irrigated tract – Bist Doab. Uppal, H L *India Cent Board Irrig Power Publ* 118 (V. 1): 37-54. Ref. Dec 1972

081632 55.9 IN222
Water-table fluctuation & its interpretation. Pandey, S L *India Cent Board Irrig Power Publ* 118 (V. 1): 55-64. Ref. Dec 1972

081633 55.9 IN222
Water-table fluctuations and interpretation in relation to waterlogging in Bihar. Nigam, K M *India Cent Board Irrig Power Publ* 118 (V. 1): 65-68. Dec 1972

081634 55.9 IN222
Theoretical & experimental aspects of rise of ground water due to canal irrigation. Nagaraj, B S *India Cent Board Irrig Power Publ* 118 (V. 1): 69-78. Dec 1972

081635 55.9 IN222
Waterlogging in command area of Kolachi weir across Malaprabha River in Belgaum District – Mysore state. Tippannavar, M B *India Cent Board Irrig Power Publ* 118 (V. 1): 7-10. Map. Dec 1972

081636 55.9 IN222
Drainage problems & design criteria for surface drains in Nagarjunasagar Project Right Canal Ayacut area. Mohanrao, J S R *India Cent Board Irrig Power Publ* 118 (V. 1): 79-87. Maps. Dec 1972

081637 55.9 IN222
Design of a sub-surface drainage system. Jaiswal, S R *India Cent Board Irrig Power Publ* 118 (V. 1): 91-100. Ref. Dec 1972

081638 55.9 IN222
Reclamation of waterlogged areas in Kerala for cultivaltion – Kuttanad & Kole. [Drainage]. Iyer, V L *India Cent Board Irrig Power Publ* 118 (V. 2): 100-108. Map. Dec 1972

081639 55.9 IN222
Serious waterlogging in Punjab & Haryana – how cured & measures to prevent its recurrence. [India]. Uppal, H L *India Cent Board Irrig Power Publ* 118 (V. 2): 1031. Ref. Dec 1972

081640 55.9 IN222
Underground water conveyance system – a measure to check waterlogging of irrigated areas. Paul, J *India Cent Board Irrig Power Publ* 118 (V. 2): 109-114. Dec 1972

081641 55.9 IN222
Effect of pumping & surface drainage in controlling water-table, waterlogging & salinity conditions on deep black cotton soil area. Mehta, H C *India Cent Board Irrig Power Publ* 118 (V. 2): 115-123. Dec 1972

081642 55.9 IN222
Effect of waterlogging on soil properties & measures for combating problem of waterlogging. Achar, H P *India Cent Board Irrig Power Publ* 118 (V. 2): 124-128. Dec 1972

081643 55.9 IN222
Surface drainage methods for saline-alkali soils. Gupta, S K *India Cent Board Irrig Power Publ* 118 (V. 2): 129-134. Dec 1972

081644 55.9 IN222
Studies on waterlogged saline sodic soils of scarcity zone of Maharashtra state & suggestions for their improvement. Kulkarni, S D *India Cent Board Irrig Power Publ* 118 (V. 2): 135-144. Ref. Dec 1972

081645 55.9 IN222
Investigation of waterlogging problems & drainage project planning. Gulati, O P *India Cent Board Irrig Power Publ* 118 (V. 2): 145-151. Ref. Dec 1972

081646 55.9 IN222
Investigations, reclamation of waterlogged areas, cost-benefit considerations. Rao, B N *India Cent Board Irrig Power Publ* 118 (V. 2): 152-159. Dec 1972

081647 55.9 IN222
Research needs for combating waterlogging. Kumar, A *India Cent Board Irrig Power Publ* 118 (V. 2): 160-170. Ref. Dec 1972

081648 55.9 IN222
Drainage improvement for reclamation & preventing waterlogging in some soils of Rajasthan Canal ares. Anjaneyulu, B S R *India Cent Board Irrig Power Publ* 118 (V. 2): 43-48. Dec 1972

081649 55.9 IN222
Rotational canal closure & multiple cropping in Hirakud Ayacut area. Lenka, D *India Cent Board Irrig Power Publ* 118 (V. 2): 49-52. Dec 1972

081650 55.9 IN222
Waterlogging causes & measures for its prevention in Chambal command of Madhya Pradesh. [India]. Pandya, G S *India Cent Board Irrig Power Publ* 118 (V. 2): 53-62. Dec 1972

081651 55.9 IN222
Waterlogging in Tamil Nadu & measures suggested for improvement. Morachan, U B *India Cent Board Irrig Power Publ* 118 (V. 2): 72-78. Map. Ref. Dec 1972

081652 55.9 IN222
Problems of waterlogging remedied before canal inception. Fraj, P A *India Cent Board Irrig Power Publ* 118 (V. 2): 79-88. Dec 1972

081653 55.9 IN222
Waterlogging – causes & measures for its prevention in Sri Lanka (Ceylon). De Sila, S H C *India Cent Board Irrig Power Publ* 118 (V. 2): 89-99. Map. Dec 1972

081654 55.9 IN222
Proceedings of Symposium on Waterlogging – Causes & Measures for its Prevention. *India Cent Board Irrig Power Publ* 118, 2 V. Dec 1972

081655 55.9 IN222
Drainage problem in Cauvery Delta of Tamil Nadu. Nagarajan, D K *India Cent Board Irrig Power Publ* 188 (V. 2): 63-71. Dec 1972

081656 68.29 IN23M
Sprinkler irrigation for coffee. II. Studies on robusta coffee. Awatramani, N A *Indian Coffee* 37 (1): 16-20. Ref. Jan 1973

081657 22 AG83I
Quality of well-waters of northern Madhya Pradesh. Somavanshi, R B *Indian J Agr Sci* 42 (11): 1007-1010. Ref. Nov 1972

081658 20 M57AG
Optimation of conduction structure & water USAge in irrigation. (Ger) Natschkov, G *Int Z Landwirt* 1: 101-107. 1973

081659 TC801.I7
Is pre-plant irrigation necessary this year? Wendt, C W *Irrig Age* 7 (8): 46-47. Mar 1973

081660 107 J552
A simple soil water simulation model for assessing irrigation requirements of wheat. Lewin, J *Israel J Agr Res* 22 (4): 201-213. Ref. Dec 1972

081661 QC851.J6
Statistical properties of precipitation patterns. Zawadzki, I I *J Appl Meteorol* 12 (3): 459-472. Apr 1973

081662 QC851.J6
Numerical simulation of cloud seeding experiments in selected Australian areas. Twomey, S *J Appl Meteorol* 12 (3): 473-478. Map. Apr 1973

081663 292.8 J82
A review of some mathematical models used in hydrology, with observations on their calibration & use. Clarke, R T *J Hydrol (amsterdam)* 19 (1): 1-20. Ref. May 1973

081664 60.18 J82
Sediment yields from small rangeland watersheds in western South Dakota. Hanson, C L *J Range Manage* 26 (3): 215-219. May 1973

081665 SB354.J8
Coefficient of uniformity (Cul) in a plantation orchard irrigated by sprinkling. (Cro) Vucic, N *Jugosl Vocarstvo* 6 (19/20): 639-646. Eng. Sum. 1972

081666 SB354.J8
Water requirements for peaches in Stip region (Macedonia). (Cro) Cosevska, O *Jugosl Vocarstvo* 6 (19/20): 727-735. Ref. Eng. Sum. 1972

081667 S19.K72
Irrigation economics: a critique of Jain Commission Report. [India]. Rao, S V S *Krishak Samachar* 16 (8): 2-3, 5. Aug 1972

081668 S583.L32
Predicted quality of J. G. Strijdom Dam water & its suitability for irrigating certain Makatini soils. Hensley, M *Landbouwet S-Afr Agric Sci S Afr Agrochemophys* 4 (2): 21-24. 1972

081669 105.2 OR3
Suitability of a swamp area in western Surinam as an irrigation reservoir. (Dut) Sevenhuijsen, R J *Landbouwkundig Tijdschr* 85 (3): 77-82. Map. Mar 1973

081670 59.8 L39
Management of water for rice production. (Por) Tsutsui, H *Lav Arrozeira* 26 (271): 10-13. (Concluded) Jan/Feb 1973

081671 22 M262
Effective water management an aid to greater production of high yielding varieties in Tamil Nadu. Sivanappan, R K *Madras Agr J* 60 (2): 117-119. Feb 1973

081672 S537.M3A24
Upper Carson River water study; water year 1972. Guitjens, J C *Max C Fleischmann Coll Agric R* 94, 51 P. Ref. Dec 1972

081673 55.9 N27P
Groundwater report for 1971. Dreeszen, V H *Nebr State Irrig Ass Proc* 79Th: 14-18. 1971

081674 55.9 N27P
Irrigation & environment. Axthelm, D D *Nebr State Irrig Ass Proc* 79Th: 78-81. 1971

081675 55.9 N27P
Watch out for pitfalls. [Water resources management]. Seaman, E A *Nebr State Irrig Ass Proc* 79Th: 81-82. 1971

081676 55.9 N27P
A sportsman views irrigation. Hornbeck, G *Nebr State Irrig Ass Proc* 79Th: 83-86. 1971

081677 55.9 N27P
Water & environment. Barbee, W *Nebr State Irrig Ass Proc* 79Th: 87-91. 1971

081678 290.8 N68
Some considerations on water problems. [Rivers]. (Jap) Agata, Y *Nogyodobokukenkyu* 41 (4): 2-4. Apr 1973

081679 290.8 N68
Computer application for irrigation. (Jap) Takegami, S *Nogyodoboku-kenkyu* 41 (4): 5-10. Apr 1973

081680 55.8 OE8
Man & water management in southern Vienna Basin. (Ger) Reitinger, J *Oesterr Wasserwirtsch* 25 (1/2): 15-22. Map. Ref. Jan/Feb 1973

081681 55.8 OE8
Hydrology in rural area. (Ger) Widmoser, P *Oesterr Wasserwirtsch* 25 (1/2): 22-26. Jan/Feb 1973

081682 S19.O68
Why irrigation?: Towards a demystification of farm hydraulics. (Fre) Oudin, Y *Options Mediterr* 16: 17-23. Dec 1972

081683 S19.O68
Influence of evolution of water consumption on rentability of irrigation projects: Case analysis. (Fre) Bergmann, H *Options Mediterr* 16: 24-33. Ref. Dec 1972

081684 S19.O68
Hydrogeology & irrigation. (Fre) Mortier, F *Options Mediterr* 16: 34-39. Dec 1972

081685 S19.O68
Irrigation methods in today's agriculture. (Ita) Cavazza, L *Options Mediterr* 16: 40-47. Dec 1972

081686 S19.O68
A hugh project in India: canal from Ganga to Cauvery. (Fre) Aggarwala, N *Options Mediterr* 16: 61-64. Map. Dec 1972

081687 S19.O68
Water & irrigation according to treatises on andalusian agronomies in middle-ages (XIth & SIIth centuries). (Fre) Bolens, L *Options Mediterr* 16: 65-77. Ref. Dec 1972

081688 241 IN832
Bibliography of irrigation, drainage, river training & flood control – 1971. *Phosphorus Agr* 16, 115 P. 1972

081689 57.8 P34
Effect of irrigation by thermal water on minor element content in some soils of Georgia. (Rus) Gelashvili, F N *Pochvovedenie* 4: 80-86. Ref. Eng. Sum. Apr 1973

081690 21 R862
Management for irrigations of Cetate-Galicea perimeter, Dolj District. (Rum) Movila, V *Probl Agr (bucharest)* 24 (12): 74-79. Map. 1972

081691 21 R862
Some new developments concerning soybeans growing technology under irrigation conditions. (Rum) Hulpoi, N *Probl Agr (bucharest)* 25 (4): 43-56. Eng. Sum. Apr 1973

081692 6 P9452
Describing Arizona snowpacks in forested condition with storage-duration index. Ffolliorr, P F *Progr Agr Ariz* 25 (1): 6-7. Jan/Mar 1973

081693 14 P944
Pollution of our waterways. (Fre) Bury, J *Propr Terrienne* 25 (295): 262-263, 265. July 1972

081694 TC1.Q4
River stabilization at Saint-Jean Vianney. (Fre) Boisvert, R *Ressources* 4 (2): 5-8. Map. Mar 1973

081695 13 R322
Note on utilization of peat ot fight water pollution by hydrocarbons. (Fre) Neirinckx, G *Rev Agr (brussels)* 26 (1): 177-188. Jan/Feb 1973

081696 13 R322
Eutrophication of waters by agriculture. (Fre) Waele, M de *Rev Agr (brussels)* 26 (1): 43-62. Ref. Jan/Feb 1973

081697 343 R32
Hydrological characteristic of Cuenca del rio Sauce Grange considered in first aspect. (Spa) Paoloni, J D *Rev Invest Agropecuar Ser 3 Clima Suelo* 9 (4): 127-146. Map. Rff. Eng. Sum. 1972

081698 20.5 R59 SER. F
Investigations on ground water salinization on areas irrigated with sewage. (Pol) Stapel, Z *Rocz Nauk Roln Ser F Melior Uzytkow Zielonych* 78 (2): 45-59. Eng. Sum. 1973

081699 S95.E23
Evaluation of public investments: distributional impacts of water resource projects. Stevens, T H *Search Agric* 2 (12), 39 P. Ref. 1972

081700 100 T25S (1)
Time lags in increased manufacturing employment following public investment in water resources, Tennessee Valley, 1936-68. Hileman, A E *Tenn Agr Exp Sta Bull* 501, 30 P. Map. Ref. Sept 1972

081701 100 T25S (1)
Land & water use potentials: Tungabhadra Irrigation Project, Mysore State, India. Badenhop, M B *Tenn Agr Exp Sta Bull* 502, 29 P., Map. Oct 1972

081702 S9.T4
Without water agriculture cannot be prosperous. (Ita) Pusteria, B *Terra Vita* 13 (36): 13. Sept 15, 1972

081703 100 T31TE
High water use efficiency & SDI. [Stress day index, irrigation]. Sullivan, B *Tex Agr Progr* 18 (4): 14-16. Fall 1972

081704 12 N282
On water. II. water of Friesland. (Dut) Korf, J K *Tijdschr K Ned Neidemaatsch* 84 (3): 103-126. Map. Mar 1973

081705 HD9130.1.T6
Factors related to irrigation of Maryland tobacco. I. Agronomic effects. Brown, G W *Tob Sci* 16: 55-60. 1972

081706 64.8 Z12
Irrigation of wheat. (Cze) Banoch, Z *Uroda* 21 (1): 36-38. 1973

081707 aSD11.A42
Black Hills (South Dakota) flood of June 1972: impacts & implications. Orr, H K *USDA For Serv Gen Tech Rep RM Rocky Mt For Range Exp Stn For Serv U S Dep Agric* 2, 12 P., Map. Mar 1973

081708 TC801.V9
On possibility of growth analysis application in experiments with irrigation regime of crops. [Sugar beets]. (Slo) Zila, L *Ved Pr* 10: 105-120. Eng. Sum. 1973

081709 TC801.V9
Study of agricultural production specialization under irrigation conditions. (Slo) Vanek, F *Ved Pr* 10: 33-47. Ref. Eng. Sum. 1973

081710 TC801.V9
Irrigation of sugar beet in Danube region according to a differenciated irrigation regime. (Slo) Ivanicka, J *Ved Pr* 10: 69-93. Ref. Eng. Sum. 1973

081711 TC801.V9
Effect of production conditions on exploitation of large area irrigation. (Slo) Sloboda, V *Ved Pr* 10: 9-31. Ref. Eng. Sum. 1973

081712 20 V633
Drainage regime of low-lying marshes in various zones of Ukraine. (Rus) Starikov, Kh N *Vestn Sel'skokhoz Nauk (moscow)* 10: 107-113. Ref. Eng. Sum. Oct 1972

081713 20 V633
Calculating movement of liquid in an unsaturated area in water reclamation work. (Rus) Druzhinin, N I *Vestn Sel'skokhoz Nauk (moscow)* 4: 103-106. Apr 1973

081714 20 V633
Moisturizing role of compacting snow with windrowing. (Rus) Beliaev, V A *Vestn Sel'skokhoz Nauk (moscow)* 4: 88-95. Eng. Sum. Apr 1973

081715 20 AK1
Effect of irrigation methods on productivity of alfalfa in crop rotation with rice. (Rus) Goriunov, N S *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 10: 41-42. Oct 1972

081716 20 AK1
Some results of work of hydroengineers of Kirghiz Scientific Research Institute of Water Economy. [Irrigation]. (Rus) Artamonov, K F *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 3: 41-42. Mar 1973

081717 292.9 W296R
Water catchment management & recreational use: catchment management & use. [Water supply]. Downes, R G *Water Res Found Australia Rep* 37: 1.1-1.6. Aug 1972

081718 292.9 W296R
Recreation evaluation as a guide to policy making in water catchments. Greig, P *Water Res Found Australia Rep* 37: 5.-1-5.11. Aug 1972

081719 292.9 AM34
Impact of sewage treatment modifications on water quality of a reservoir. Womack, J D *Water Resour Bull* 9 (1): 100-115. Map. Ref. Feb 1973

081720 292.9 AM34
Financing private water resource development: analysis of a state loan program. Dobbs, T L *Water Resour Bull* 9 (1): 129-139. Ref. Feb 1973

081721 292.9 AM34
Relation of physical & mineralogical properties to streambank stability. Goss, D W *Water Resour Bull* 9 (1): 140-144. Ref. Feb 1973

081722 292.9 AM34
Water management in China, top priority for 2500 years. Loeser, C J *Water Resour Bull* 9 (1): 145-154. Map. Feb 1973

081723 292.9 AM34
A community watershed management program. [Massachusetts]. Coler, R A *Water Resour Bull* 9 (1): 160-166. Map. Feb 1973

081724 292.9 AM34
A proposed national organizational structure for water resources planning. Koelzer, V A *Water Resour Bull* 9 (1): 167-180. Feb 1973

081725 292.9 AM34
Ground water in perspective. Nace, R L *Water Resour Bull* 9 (1): 18-24. Map. Feb 1973

081726 292.9 AM34
United Nations approach to water resources management. Matthews, W H *Water Resour Bull* 9 (1): 181-186. Feb 1973

081727 292.9 AM34
Comment on National Water Commission review draft. Whipple, W *Water Resour Bull* 9 (1): 3-17. Feb 1973

081728 292.9 AM34
Ontario's water taking permit program. Jeffs, D N *Water Resour Bull* 9 (1): 41-48. Feb 1973

081729 292.9 AM34
Nutrient balances for evaluation of nutrient sources in water quality management. Peters, R H *Water Resour Bull* 9 (1): 49-53. Feb 1973

081730 292.9 AM34
Investment sequencing recognizing externalities in water desalting. Willis, C E *Water Resour Bull* 9 (1): 54-72. Ref. Feb 1973

081731 292.9 AM34
A rationale for regionalization of public water systems. Boyd, K A *Water Resour Bull* 9 (1): 73-80. Ref. Feb 1973

081732 292.9 AM34
Developing biological information systems for water quality management. Cairns, J *Water Resour Bull* 9 (1): 81-99. Ref. Feb 1973

081733 292.9 AM34
Water resources & social choices. Burke, R *Water Resour Bull* 9 (3): 433-447. Ref. June 1973

081734 292.9 AM34
Achieving public involvement in Crops of Engineers, water resources planning. Dodge, B H *Water Resour Bull* 9 (3): 448-454. June 1973

081735 292.9 AM34
Supplementation of missing values in water quality data. Krishnan, K P R *Water Resour Bull* 9 (3): 455-466. June 1973

081736 292.9 AM34
Development of a plan of study: an interagency approach to multiobjective planning & evaluation of water & land resource use. McKusick, R B *Water Resour Bull* 9 (3): 467-484. Ref. June 1973

081737 292.9 AM34
Social goals & evaluation of resource commitments. [Water]. Bracken, D D *Water Resour Bull* 9 (3): 485-493. June 1973

081738 292.9 AM34
Review of lake restoration procedures. [Water quality]. Boyter, C J *Water Resour Bull* 9 (3): 499-511. Ref. June 1973

081739 292.9 AM34
Return irrigation water in Hawaii. Young, H F *Water Resour Bull* 9 (3): 538-555. Map. Ref. June 1973

081740 292.9 AM34
Groundwater quality in cortaro area northwest of Tucson, Arizona. Schmidt, K D *Water Resour Bull* 9 (3): 598-606. Ref. June 1973

081741 292.8 W295
Stochastic reservoir management & system design for irrigation. Dudley, N J *Water Resources Res* 9 (3): 507-522. Ref. June 1973

081742 292.8 W295
An environmental evaluation system for water resource planning. Dee, N *Water Resources Res* 9 (3): 523-535. Ref. June 1973

081743 292.8 W295
Cost-effectiveness methodologies for data acquisition in water quality management. Ward, R C *Water Resources Res* 9 (3): 536-545. Ref. June 1973

081744 292.8 W295
Programing model for evaluation economic & financial feasibility of irrigation projects with extended development periods. Dean, G W *Water Resources Res* 9 (3): 546-555. Ref. June 1973

081745 292.8 W295
Hydrologic studies using Boussinesq equation with a recharge term. Zucker, M B *Water Resources Res* 9 (3): 586-592. Ref. June 1973

081746 292.8 W295
Effects of artificial aeration on chemistry & algae of two Michigan lakes. [Water quality]. Fast, A W *Water Resources Res* 9 (3): 624-647. Ref. June 1973

081747 292.8 W295
Chloride balance of some farmed & forested catchments in southwestern Australia. [Water quality]. Peck, A J *Water Resources Res* 9 (3): 648-657. Ref. June 1973

081748 292.8 W295
Fate of suspended sediment during basin recharge. [Water]. Goss, D W *Water Resources Res* 9 (3): 668-675. Ref. June 1973

081749 292.8 W295
Simulation of hydrochemical patterns in regional groundwater flow. Schwartz, F W *Water Resources Res* 9 (3): 707-720. Ref. June 1973

081750 292.8 W295
Behavior of groundwater flow subject to time-varying recharge. Tseng, M T *Water Resources Res* 9 (3): 734-742. June 1973

081751 72.8 W522
Response of narrow-row cotton to management of water & fertilizer. Briggs, R E *West Cotton Prod Conf Sum-proc* P. 12-14. 1973

081752 72.8 W522
Varietal response of narrow-row cotton to management of water & fertilizer on Texas High Plains. Onken, A B *West Cotton Prod Conf Sum-proc* P. 14-16. 1973

081753 280.9 W527P
Value of multiple water use in Newlands Reclamation Project. [nevada]. McNeely, J G *West Farm Econ Ass Proc* 45: 127-130. 1972

081754 280.9 W527P
Water allocation in Tucson region of Arizona. Elinn, J C *West Farm Econ Ass Proc* 45: 131-135. 1972

081755 280.9 W527P
Effect of an irrigation wastewater quality standard on agricultural production. [California]. Horner, G L *West Farm Econ Ass Proc* 45: 310-319. 1972

081756 280.9 W527P
Western U.S. Water plan study. Stults, H M *West Farm Econ Ass Proc* 45: 333-341. Ref. 1972

081757 280.9 W527P
Public support of private water resource development in agriculture: with implications for firm growth. [Wyoming]. Olson, C E *West Farm Econ Ass Proc* 45: 49-53. 1972

081758 95.8 C122
Drip irrigation: an old idea in new fields. Aljibury, F *Wines Vines* 54 (5): 20. May 1973

081759 100 W99 (1)
Feasibility studies in water resource planning. [Costs, benefits]p. Dobbs, T L Agricultural Experiment Station *Wyo Agr Exp Sta Bull* 579, 16 P. Sept 1972

081760 100 W99 (1)
Influence of center-pivot sprinklers on firm growth in southeast Wyoming. Pfeiffer, G H *Wyo Agr Exp Sta Bull* 582, 20 P. Mar 1973

GENERAL NATURAL RESOURCES AND ENVIRONMENTAL POLLUTION

081761 281.9 C81A
Economic & environmental considerations in dairy manure management systems. Jacobs, J J *A E Res Dep Agric Econ Cornell Univ Agric Exp Stn N Y Coll A Gric Life Sci* 71-18, 31 P. Dec 1972

081762 TD511.A28
Is somebody needed to be in charge of environmental protection? [Waste disposal]. (Ger) Lersner, H F von *Abwassertechnik* 24 (1): 3. Mar 2, 1973

081763 19 AC8
Contribution to study of contamination of irrigation water from Cauda River. [Colombia]. (Spa) Alvis G, A *Acta Agron (Budapest)* 22 (2): 27-37. 1972

081764 41.8 AC84
Research on presence of enterophages in draining waters of slaughterhouse of Messina. (Ita) Alosi, C *Acta Med Vet* 18 (3/4): 167-176. Ref. Eng. Sum. May/Aug 1972

081765 1.98 AG84
Keeping runoff safe. [Feedlots, pollution]. *Agric Res* 21 (10): 8-9. Apr 1973

081766 1.98 AG84
Oxidation ditch reduces feedlot pollution. *Agric Res* 21 (11): 10-11. May 1973

081767 S900.A42
Conservation for future. [Natural resources]. Liston, D *Alaska Conserv Rev* 13 (4): 14, 19. Winter 1972

081768 S900.A42
Wildlife range wilderness study. Wetzel, D *Alaska Conserv Rev* 23 (1): 10-11. Spring 1972

081769 S900.A42
Potential National parks in Alaska. Hoffman, J E *Alaska Conserv Rev* 23 (1): 4-7. Map. Spring 1972

081770 96.1 AM5
Nature: Pollution. (Fre) Lebreton, P *Amis Roses* 313 (1): 25-26. 1973

081771 S15.A52
Averting world pollution. (Spa) Tucker, B B *Anu Latinoam* (Special No.): 56. 1973

081772 QD95.A62
Detection of atmospheric pollutants at parts-per-billion levels by infrared spectroscopy. Hanst, P L *Appl Spectrosc* 27 (3): 188-198. Ref. May/June 1973

081773 TD172.A7
Polychorinated biphenyls in solid wastt & solid-waster related materials. Carnes, R A *Arch Environ Contam Toxicol* 1 (1): 27-47. Ref. Feb 1973

081774 449.8 AR2
Hygiene problems in supply of drinking water from deep wells. (Ger) Weber, G *Arch Hyg Bakteriol* 157 (1): 89-93. 1973

081775 449.8 AR2
Elimination of salmonellae by biological treatment of waste-water. (Ger) Popp, L *Arch Hyg Bakteriol* 157 (2/3): 184-195. Ref. Eng. Sum. May 1973

081776 S900.B5
Conservation in west Malaysia: potential for international cooperation. Marshall, A G *Biol Conserv* 5 (2): 133-140. Ref. Apr 1973

081777 S900.B5
National parks in Seychelles. Procter, J *Biol Conserv* 5 (2): 153-155. Apr 1973

081778 TD201.V57
Effects of Radford Army Ammunition Plant wastes on aquatic vegetation in New River, Virginia. Mitchell, R S *Bull Water Resour Res Cent Va Polytech Inst State Univ* 57: 19-29. Map. Apr 1973

081779 TD201.V57
Effects of Radford Army Ammunition Plant wastes on algae in New River, Virginia. Wodehouse, E B *Bull Water Resour Res Cent Va Polytech Inst State Univ* 57: 31-41. Ref. Apr 1973

081780 TD201.V57
Effects of Radford Army Ammunition Plant wastes on bottom fauna in New River, Virginia. [Insects]. Holliman, R B *Bull Water Resour Res Cent Va Polytech Inst State Univ* 57: 5-18. Apr 1973

081781 309.8 C334
Some aspects of cleaning of effluents from a cardboard mill, using mechanical-biological method. (Rom) Braicu, L *Celuloza Hirtie* 22 (2): 75-81. Eng. Sum. Feb 1973

081782 385 C42
Law concerning pollution of surface water. (Dut) Eling, H W M *Chem Weekbl* 69 (16): 6-7. Apr 20, 1973

081783 SB52.C4C4
Studies on analysis of landscape for nature conservation. (Jap) Ishii, H *Chiba Daigaku Engei Gakubu Tokubetsu Kokoku Trans* 8, 88 P. Ref. Eng. Sum. Feb 1973

081784 100 C71G (1)
Plutonium & aauatic ecosystems. Svalberg, S *Colo Agr Exp Sta Gen Ser* 931: 1-2. Map. May 1973

081785 44.8 SU2
Packing & environmental protection. (Ger) Streit, W *Deut Molk-zeitung* 94 (19): 737-738, 740. May 10, 1973

081786 41.8 EC7
Biological indicators of air pollution. (Fre) Lambinon, J *Econ Med Anim* 14 (1): 21-31. Ref. Jan/Feb 1973

081787 41.8 EC7
Circulation of pollutants in biosphere. (Fre) Pesson, P *Econ Med Anim* 14 (1): 3-10. Jan/Feb 1973

081788 TD201.E3
Ontario's environmental management program. Lewis, M W *Effluent Water Treat J* 13 (3): 143-146. Mar 1973

081789 QL461.E532
Accumulation of fluorides by insects near an emission source in western Montana. Dewey, J E *Environ Entomol* 2 (2): 179-181. Apr 16, 1973

081790 QL461.E532
Evidence for accumulation of atmospheric lead by insects in areas of high traffic density. Giles, F E *Environ Entomol* 2 (2): 299-300. Apr 16, 1973

081791 TD172.E49
Agricultural use of sewage treatment plant sludges, a potential source of mercury contamination. Loon, J C van *Environ Lett* 4 (4): 259-265. Ref. 1973

081792 TD420.A1E5
Odor controls for rendering plants. Bethea, R M *Environ Sci Technol* 7 (6): 504-510. June 1973

081793 TD420.A1E5
Stimulated biodegradation of oil slicks using oleophilic fertilizers. Atlas, R M *Environ Sci Technol* 7 (6): 538-541. Ref. June 1973

081794 45.9 SV2
Concern for landscape in farming areas. (Swe) Matzon, C *Farskotsel* 53 (3): 27-29. Mar 1973

081795 280.38 F62
Waste removal: Animal carcass disposal. [Legislation]. (Ger) Braun, S *Fleischwirtschaft* 53 (4): 498, 500-502. Apr 1973

081796 99.8 F7723
Phases of anthropogene changes of landscape in Israel. (Ger) Naveh, Z *Forstarchiv* 44 (5): 103-106. Ref. Eng. Sum. May 1973

081797 17 SCH9
Agriculture & land protection. (Ger) Weiss, H *Grune* 101 (21): 760-767. May 25, 1973

081798 11 H35
Interest in drainage, soil classification, & recreation potential of Bjornkaer marsh. (Dan) Bjerregard, J *Hedeselsk Tidsskr* 94 (3): 50-53. Map. Mar 15, 1973

081799 QH91.A1H4
Pollution effects on littoral algal communities in inner Oslofjord, with special reference to Ascophyllum nodosum. Rueness, J *Helgol Wiss Meeresunters* 24 (1/4): 446-454. Map. Mar 1973

081800 281.9 IL6I
Analysis of nitrate concentrations in Illinois streams. [Watersheds, fertilizers]. Taylor, C R *Ill Agr Econ* 13 (1): 12-19. Map. Ref. Jan 1973

081801 GA931.N3 1971
Series of small-scale maps of engineering evaluation of natural (Rus) Zvonkova, T V *In Nauchno Tek Konf po Tematicheskoi Kartogr, 4Th, Moscow, 1971. Otsenochnye Karty Prirody, Naseleniia i Khoziaistva* P. 48-56. 1973

081802 GA931.N3 1971
Maps of natural conditions in agricultural atlas of Uzbek SSR. (Rus) Galhkov, Ch V *In Nauchno Tek Konf po Tematicheskoi Kartogr, 4Th, Moscow, 1971. Otsenochnye Karty Prirody, Naseleniia i Khoziaistva* P. 20-25. 1973

081803 GA931.N3 1971
Theoretical basis & method for evaluation-map making of natural resources & conditions. (Rus) Zvonkova, T V *In Nauchno Tek Konf po Tematicheskoi Kartogr, 4Th, Moscow, 1971. Otsenochnye Karty Prirody, Naseleniia i Khoziaistva* P. 5-10. 1973

081804 GA931.N3 1971
Maps for evaluating natural resources for agricultural purposes. (Rus) Nikishov, M I *In Nauchno Tek Konf po Tematicheskoi Kartogr, 4Th, Moscow, 1971. Otsenochnye Karty Prirody, Naseleniia i Khoziaistva* P. 14-19. 1973

081805 GA931.N3 1971
Agroclimatic atlas of world. (Rus) Gol'tsberg, I A *In Nauchno Tek Konf po Tematichesko. Kartogr, 4Th, Moscow, 1971. Otsenochnye Karty Prirody, Naseleniia i Khoziaistva* P. 25-28. 1973

081806 GA931.N3 1971
On possible use of photographs from space for compiling maps for evaluating natural resources & conditions. (Rus) Kravtsova, V I *In Nauchno Tek Konf po Tematicheskoi Kartogr, 4Th, Moscow, 1971. Otsenochnye Karty Prirody, Naseleniia i Khoziaistva* P. 10-14. 1973

081807 S592.5.O7
Agricultural chemicals in enviroment: a quantitative viewpoint. [Pollution]. Goring, C A I *In Organic Chemicals in the Soil Environment* 2: 793-863. Ref. 1972

081808 HD1945.A1I5
Nature classes. (Fre) Griperay, G *Inform Agr (paris)* 435: 45-46. Apr 1973

081809 390.9 IN7
Effluents from malting & brewing. [Pollution]. Isaac, C G *Inst Brewing J* 79 (2): 154-165. Ref. Mar/Apr 1973

081810 49 J82
Dairy cattle manure liquid: Solid separation with a screw press. Menear, J R *J Anim Sci* 36 (4): 788-791. Apr 1973

081811 449.8 J824
Effects of air pollution on health. Cropp, G J A *J Environ Health* 35 (6): 556-558. May/June 1973

081812 QH540.J6
Ecological management of thermal discharges. [Waste heat utilization]. Oswald, W J *J Environ Qual* 2 (2): 203-207. Ref. Apr/June 1973

081813 QH540.J6
Waste accumulation on a selected dairy corral & its effect on nitrate & salt of underlying soil strata. [Ground water pollution]. Chang, A C *J Environ Qual* 2 (2): 233-237. Ref. Apr/June 1973

081814 QH540.J6
Removal of ozone by soil. Turner, N C *J Environ Qual* 2 (2): 259-264. Ref. Apr-/June 1973

081815 HD9000.A1J68
You & we & this business of ecology.[-Food industry, waste]. Vadner, C H *J Food Distrib Res* 3 (1): 66-69. July 1972

081816 282.8 J82
Accounting for pollution: pollution abatement & national product. Weinrobe, M *Land Econ* 49 (2): 115-121. May 1973

081817 58.8 L235
Legal questions on emmission problem. [Air pollution]. (Ger) Eysel, K *Landtechnik* 28 (5): 143-144, 146-148. Mar 15, 1973

081818 58.8 L235
Livestock rearing & environmental protection. (Ger) Riemann, U *Landtechnik* 28 (5): 149-153. Mar 15, 1973

081819 58.8 L235
Problems & limits of semi-liquid manuring. [Swine, soils, pollution]. (Ger) Vetter, H *Landtechnik* 28 (5): 154-158. Mar 15, 1973

081820 QH7.L86
Bark lichen zones in town of Tampere. [Air pollution]. (Fin) Sahrakorpi, S *Luonnon Tutkija* 77 (2): 25-31. Map. Eng. Sum. 1973

081821 Q1.A3M5
Education & research needs in natural resources: role of large state university. Kevern, N R *Mich Acad* 5 (3): 367-371. Winter 1973

081822 100 M668
Remote sensing lab; surveying Minnesota's resources. Meyer, M *Minn Sci* 29 (1): 8-10. 1973

081823 298.8 M89
Utilization of organic wastes from agriculture & industry: Keratine & poultry manure as feed for livestock & poultry. (Ger) Vogt, H *Muhle Mischfuttertech* 110 (16): 252-255. Apr 19, 1973

081824 TS1950.M42
Acid coagulation as a means of treatment of wastes from meat works. Denmead, C F *MIRINZ Meat Indus Res Inst N Z* 276, 37 P. Ref. Nov 1972

081825 TS1950.M42
Pilot-scale investigation of heat & mass transfer during dry rednering. [Waste animal material]. Haughey, D P *MIRINZ Meat Indus Res Inst N Z* 287, 68 P. Feb 1973

081826 S95.E22
Environmental, economics, & physical considerations in liquid handling of dairy cattle manure. Casler, G L *N Y Food Life Sci Bull* 20, 23 P. Ref. Oct 1972

081827 474 N213
Dependence of lead content of plants on lead concentration in soil. (Ger) Wagner, K H *Naturwissenschaften* 60 (4): 200. Apr 1973

081828 12 N282
Conservation of nature & recreation. (Dut) Nijs, T den *Ned Heidemaatsch Tijdschr* 84 (4): 134-140. Apr 1973

081829 281.8 N75
Management of environmental problems of vital interest to all of agricutlure. (Dan) Frederiksen, P L *Nord Lantbruksekon Tidskr* 23 (1): 1-4. 1973

081830 281.8 N75
Norwegian agriculture – environmental protection & pollution problems. (Nor) Grimstad, E *Nord Lantbruksekon Tidskr* 23 (1): 12-15. 1973

081831 281.8 N75
Environmental questions & agriculture in Sweden. (Swe) Nilsson, O *Nord Lantbruksekon Tidskr* 23 (1): 16-21. 1973

081832 281.8 N75
Care of environment & agricutlure in Finland. (Swe) Tuomarla, H *Nord Lantbruksekon Tidskr* 23 (1): 5-8. 1973

081833 99.8 N815
Water pollution as a result of spraying with 2,4,5-T to control underbrush. (Nor) Bylterud, A *Norsk Skogbruk* 19 (2): 51-52. Feb 1973

081834 99.8 N815
Conservation of natural resources in Latin America. (Nor) Dalfelt, A *Norsk Skogbruk* 19 (4): 106-107. Mar 1973

081835 41.8 N922
Results of an investigation of total mercury in some agricultural & industrial fish breeding grounds & in various rivers & lakes in central Italy. (Ita) Caracciolo, S *Nuova Vet* 48 (5): 272-279. Eng. Sum. Sept/Oct 1972

081836 275.29 OH32
Ohio pond management. Stockdale, T M *Ohio State Univ Ext Bull* 374, 16 P. May 1973

081837 S19.O68
Cleansing of Annecy Lake waters. (Fre) Rulliere, G *Options Mediterr* 16: 79-86. Map. Dec 1972

081838 SB951.P43
Pesticidal pollution of water. Bindra, O S *Pesticides* 6 (12): 77-82. Dec 1972

081839 151.65 P96
Soil pollution & environmental health. Pettry, D E *Public Health Rep* 88 (4): 323-327. Ref. Apr 1973

081840 HB1.R4
Economic analysis of atmospheric pollution: example of Alsace. Boudeville, J R *Reg Urban Econ, Oper Methods* 3 (1): 103-125. Feb 1973

081841 HB1.R4
Externalities, environmental pollution & allocation in space: a general equilibrium approach. Forsund, F R *Reg Urban Econ, Oper Methods* 3 (1): 3-32. Ref. Feb 1973

081842 HB1.R4
Some models for economic evaluation of environment. Nijkamp, P *Reg Urban Econ, Oper Methods* 3 (1): 33-62. Ref. Feb 1973

081843 HB1.R4
Economic & social projects with environmental repercussions: a shadow project approach. Klassen, L H *Reg Urban Econ, Oper Methods* 3 (1): 83-102. Feb 1973

081844 TC1.Q4
Aerial teledetection of resources. (Fre) Kokline, A D *Ressources* 4 (2): 13-16. Mar 1973

081845 TC1.Q4
Franz Theodore Stone Station on Lake Erie. [Natural resources]. (Fre) Rousseau, C *Ressources* 4 (2): 17-20. Mar 1973

081846 286.85 D48
Wast removal: An important part of environmental protection. [Meat industry]. (Ger) Herold, G *Schlacht Viehhof-ztg* 72 (10): 372-373. Oct 1972

081847 470 SCI2
Polarization: a key to an airborne optical system for detection of oil on water. [Pollution]. Millard, J P *Science* 180 (4091): 1170-1171. June 15, 1973

081848 Q1.A3S4
Environmental control or environment protection: need for a policy ministry designed to promote environment principle. Chapman, R J K *Search* 4 (1/2): 29-37. Jan/Feb 1973

081849 9.4 SO1
Food: Bad utilization of resources, proclaims Institute for Development of Renewable Natural Resources. [Colombia]. (Spa) Munoz, H *Soc Antioquena Agr Bol Agr* 624: 12891-12895. Nov/Dec 1972

081850 46.8 SU3
First steps against pollution. (Ita) *Suinicoltura* 14 (1): 47-48. Jan 1973

081851 302.8 T162
Activated sludge process using high-purity oxygen for treating kraft mill wastewater. Grader, R *Tappi (Tech Ass Pulp Pap Indus)* 56 (4): 103-107. Ref. Apr 1973

081852 302.8 T162
Conversion of calcium base pulping to magnesium base pulping with recovery. Walther, J E *Tappi (Tech Ass Pulp Pap Indus)* 56 (4): 144-147. Apr 1973

081853 302.8 T162
Color removal & sludge recovery from total mill effluent. Spruill, E L *Tappi (Tech Ass Pulp Pap Indus)* 56 (4): 98-100. Apr 1973

081854 302.8 T162
Black liquor oxidation with molecular oxygen in a plug flow reactor. [Wood pulp mills, pollution control]. Cooper, H B H *Tappi (Tech Ass Pulp Pap Indus)* 56 (6): 100-102. Ref. June 1973

081855 302.8 T162
Screening of effluents. [Wood pulp mills, water pollution control]. Fuller, R S *Tappi (Tech Ass Pulp Pap Indus)* 56 (6): 104-106. June 1973

081856 302.8 T162
Oxygen bleaching: a mill-tested approach to pollution abatement. [Wood pulp mills]. Jamieson, A *Tappi (Tech Ass Pulp Pap Indus)* 56 (6): 107-112. Ref. June 1973

081857 302.8 T162
Considerations in converting existing kraft recovery units for air emission control. [Wood pulp mills, pollution]. Winklepleck, R G *Tappi (Tech Ass Pulp Pap Indus)* 56 (6): 73-77. Ref. June 1973

081858 302.8 T162
Improved bark & grit removal system for log flumes. [Wood waste]. Brown, J A *Tappi (Tech Ass Pulp Pap Indus)* 56 (6): 91-94. June 1973

081859 23 T182T
Effluent storage & disposal from intensive pig units. Davies, R J *Tasmania J Agric* 44 (1): 17-25. Feb 1973

081860 410.9 P21
Contamination of Camargue water environments by residues of plant protection products. (Fre) Heurteaux, P *Terre Vie* 1: 33-61. Map. Ref. Eng. Sum. 1973

081861 100 T31TE
Planting for survival. [Noise pollution]. Welch, W C *Tex Agr Progr* 18 (4): 10-13. Fall 1972

081862 104 SW3 SUPPL.
Commercial fertilizers & water quality. (Swe) Svanberb, O *Tidskr Suppl K Skogs Lantbruksakad (stockh)* 9: 11-13. Map. Ref. 1972

081863 1 AG84TE
Research on removing radioactive fallout from farmland. James, P E *U S D A Tech Bull* 1464, 37 P. May 1973

081864 A99.9 F7622UN
Commercial campground industry in New Hampshire. LaPage, W F *U S Forest Serv Res Pap NE* 255, 41 P., Map. 1972

081865 157.8 R29
Development of analytical procedures for determining chlorinated hydrocarbon residues in waters & sediments from storage reservoirs. Lyons, E T *U S Office Tech Serv (Rep)* 72-15, 6 P. Ref. Apr 1972

081866 420 UT1
Pesticides in Utah's water: A Preliminary report. Southwick, J W *Utah Mosquito Abatement Ass Proc* 25Th: 11-12. Apr 27, 1973

081867 41.8 V6426
More attention needed toward water pollution of rivers. (Rus) Rudik, P S *Veterinariia* 10: 31-33. Oct 1972

081868 99.8 M69
Noise reduction by plant barriers. (Ger) Meurers, H *Vienna Forstl Bundes-Versuchsanst (mariabrunn) Mitt* 97: 535-540. Eng. Sum. 1972

081869 TD172.W36
NaCl [sodium chloride] contamination in pine trees determined by neutron activation techniques. Menlove, H O *Water Air Soil Pollut* 2 (1): 119-123. Mar 1973

081870 TD172.W36
Sulphur dioxide injury to vegetation in vicinity of a sulphite pulp & paper mill. Linzon, S N *Water Air Soil Pollut* 2 (21): 129-134. Mar 1973

081871 292.9 W296R
Use of catchemnt areas as flora & fauna reserves. Smith, L H *Water Res Found Australia Rep* 37: 4.1-4.8. Aug 1972

081872 292.9 AM34
Impact of sewage treatment modifications on water quality of a reservoir. Womack, J D *Water Resour Bull* 9 (1): 100-115. Map. Ref. Feb 1973

081873 292.9 AM34
Weather modification: an economic alternative for augmenting water supplies. Rudel, R K *Water Resour Bull* 9 (1): 116-128. Ref. Feb 1973

081874 292.9 AM34
Expanding waste water treatment considerations at corps of engineers recreation areas. Middleton, E E *Water Resour Bull* 9 (1): 155-159. Feb 1973

081875 292.9 AM34
Environmental matrix: input-output techniques applied to pollution problems in Ontario. Lee, T R *Water Resour Bull* 9 (1): 25-33. Ref. Feb 1973

081876 292.9 AM34
Need for a comprehensive approach in management of environmental resources. [Water, land, pesticides]. Airan, D S *Water Resour Bull* 9 (3): 421-432. Ref. June 1973

081877 292.9 AM34
Benthic macroinvertebrate community structure in a Great Plains stream receiving feedlot runoff. Prophet, C W *Water Resour Bull* 9 (3): 583-589. June 1973

081878 292.8 W295
Water quality perception & recreational uses of Green Bay, Lake Michigan. Ditton, R B *Water Resources Res* 9 (3): 569-579. Ref. June 1973

081879 292.8 W295
Accumulation of fallout cesium 137 in soils & sediments in selected watersheds. McHenry, J R *Water Resources Res* 9 (3): 676-686. Ref. June 1973

081880 280.9 W527P
Environmental movement & implications for agriculture. [U.S.]. Crosswhite, W M *West Farm Econ Ass Proc* 45: 278-287. Ref. 1972

081881 280.9 W527P
Pollution control policy effects on irrigated farms. Clark, R T *West Farm Econ Ass Proc* 45: 299-307. Ref. 1972

081882 280.9 W527P
Effect of aggregation upon estimation & specification of outdoor recreation demand functions. Brown, W G *West Farm Econ Ass Proc* 45: 344-350. Ref. 1972

081883 280.9 W527P
Recreation carrying capacity & wild rivers: a case study of Middle Fork of Salmon. [Idaho]. Godfrey, E B *West Farm Econ Ass Proc* 45: 353-372. 1972

081884 S605.A1Z4
Removal of eutrophication in surface waters as environmental protection. 2. Ways to definite sanitation of surface waters. (Ger) Dietrich, K R *Z Kulturtech Flurbereinig* 14 (2): 112-126. Ref. Eng. Sum. Mar/Apr 1973

081885 410 R92
Influence of soil pollution with plutonium 239 on field fauna. (Rus) Krivolutskii, D A *Zool Zh* 52 (4): 601-603. Eng. Sum. Apr 1973

SUBJECT INDEX

ABDOMEN
Ultrastructure of **abdominal air** sac of fowl. 074781
topographical anatomy of **abdominal cavity** 074761
Structure & function of **dorsal abdominal** gl- 080410
Fine structure of **abdominal neural** fat-body 080353
Abdominal paracentesis in horse. 075562

ABELMOSCHUS
of bhendi **(Abelmoschus esculentus)** (L.) M- 079831

ABERRATION
distribution of **chromatid aberrations** introd- 077103
seeds & sprouts. **[Chromosomal aberrations]** 077207
cages & field cause **chromosomal aberrations** 079701

ABIES
tianschanica, Morus alba, **Abies alba,** plant 078220
fir. [Arceuthobium pusillum, **Abies balsamea** 079536
Choristoneura fumiferana, **Abies balsamea,** 079913
in growing shoots of conifers. **[Abies grandis** 076220
biochemical study of Picea **abies needles** fu- 076218
aid for managment calculations. **[Picea abies]** 076259
stands in Czechoslovakia. **[Picea abies].** 076282
old experimental plantation of **Picea abies.** 076367
cuttings. [Pseudotsuga menziezii, **picea abies]** 078213
biochemical study of **Picea abies** needles fu- 078239
Cultivation of Norway spruce **(Picea abies).** 078862
stands in different locations. **[Picea abies].** 078970
trunk pests in USSR. [Pinus, **Picea, Abies]** 079232

ABLATION
Scrotal ablation & castration in dog. 075460

ABNORMALITY
Teratological accidents in sheep after parbe- 075490
Morphological & **anatomical anomalies** found 080439
Congenital **cardiovascular abnormalities** in 076079
Urogenital abnormalities in two calves. 076095
Abnormalities of in **vitro** lymphocyte respon- 075615

ABOMASUM
Abomasal displacement 2: hypocalcemia as 076088
acid levels in sheep with **abomasal infusions** 074651

ABORTION
Abortion associated with Brucella abortus (075906
of Salmonella dublin with **bovine abortion** in 075645
immunization with Brucella **abortus bovis** 075605
after immunization with **Brucella abortus** b- 075993
Salmonella **dublin abortion** in a New South 075646
Fungi isolated from bovine **mycotic abortion** 075834

ABSCESS
Subcutaneous **abscess associated** with an un- 075630
About **enzootic abscess** incidence on udder 075847
treatment of chronic **retrobulbar abscess. [** 075564

ABSCISIC
of gibberellin A20, **abscisic acid,** & phaseic 077549
Stress metabolism. V. **Abscisic acid** & nitro- 077690
of asymmetric isomers of **abscisic acid** in a 077885
Effect of **abscisic acid** on stratification of a- 077969
tomato: water balance **& abscisic acid** in Ly- 078000
Effects of **abscisic acid** on senescence, perm- 078097
Rapid changes in **abscisic acid**-like inhibitors 078102
of kinetin, gibberellins & (+) **abscisic acid** 078105
Abscisic acid effects on chromatin thermal 078112
Increase in free & bound **abscisic acid** during 078124
Influence of gibberellic & **abscisic acids** & g- 077883

ABSCISSION
Inhibition of **abscission** by **calcium.** [Kidney 078122
a regulator of young **fruit abscission.** [Cotton 077863

ABSORPTION
on intestinal amino **acid absorption** in piglets 075983
for studying **adsorption, absorption** & meta- 078099
trace elements by means of **atom absorption** 073914
with photocolorimetry & **atomic absorption** 081126
in soil-crop systems. 2. **Absorption** of **boron** 077784
acid on **absorption** of **calcium** into Lemna. 077479
Absorption of **calcium** by horsebean roots (077844
Absorption & chlorophyll alpha fluorescence 078133
dietary protein on **cholesterol absorption &** 074974
Absorption of **colostral** globulins by newborn 074803
mucosa. 13. Dynamics of **copper absorption.** 074843
Dynamics of **copper absorption.** [Rats]. 074845
herds of meat cattle by **absorptive crossing.** 075414
Absorption & distribution of thiophanate, ef- 078983
of whole soils using **infrared absorption.** 081150
of propanil with **insecticides absorbed** from 077962
Intestinal absorption of choline in chick. 074566
of bound gossypol on **absorption** of **iron** by 074972
Triglyceride digestion & **absorption** in **locust** 080200
Absorption of **macromolecules** in intestines 074684
Magnesium absorption & secretion along ga- 074971
atomic **absorption methods.** 081126
Calcium effect on **absorption** of **monovalent** 077786
Pattern of **nutrient absorption** of rice plant 077783
Cactus spines as water **absorbing organs.** [C- 076958
between rate of **phosphate absorption** & pro- 077409
Absorption of **potassium** & calcium by buck- 077954
measurement of **absorption & scattering** pro- 076511
Transient **absorption spectra** of chlorophyll 077311
Absorption spectra of Zamioculcas boivinii 077618
of atom **absorption spectrophotometry.** 073914
of calcium & **strontium absorption** in small 074611
of soil fulvic acid using **synthetic absorbent.** 081114
Transient absorption spectra of chlorophyll 077311
of humic acid. 1. **Absorption & translocation** 077785
of calcium on **absorption & translocation** m- 077786
of temperature on **absorption, translocation,** 079612
Cactus spines as **water absorbing** organs. [C- 076958
Effect of nutrient & **water absorption** by rice 077782

ACACIA
A new species of **Acacia** [Crassifrugis] from 076731
Notes on Australian taxa of **Acacia** no. 3. 076732
supplements fed to sheep. **[Acacia aneura].** 076115
of spent heartwood of **Acacia catechu** (Khair 076484
Westend.: a pathogen of **Acacia mearnsii** De 078963
Triterpene glycosides of **Acacia mrtifolia.** 078204

ACANTHOSCELIDES
on mass rearing of **Acanthoscelides obtectus** 079760

ACARINA
cucurbitae Rahman & Sapra **(Acarina:** Tetr- 079717
bud mite, Aceria sheldoni (Ewing) **(Acarina:** 079828
A euschoengastia species **(Acari:** Trombiculi- 080008
of Gymnodamaeus from Colorado **(Acarina:** 080271
behavior of lone star tick **(Acarina:** Ixodidae 080347
analysis of soil Mesostigmata **(Acarina)** ass- 080447
Schizonobia sycophanta Womersley **(Acarina:** 080521
Oribatei **(Acari)** new for Poland. III. 080552
with description of a new species **(Acarina:** 080570
new species of Trichosurolaelaps **(Acarina:** 080571
Advances in **agricultural acarology** in Europe 079672
Agricultural acarology in Poland. 079678
study of polyphagy of **ectoparasitic acarian** 079670
hassani Keifer 1959 **(Acarina, Eriophyidae)** 079869
Tarsonemidae **(Acarina, Heterostigmata).** 079865
of Tarsonemidae **(Acarina, Hetorostigmata)** 079866
Dermacentor silvarum Ol. **(Acarina, Ixodid-e)** 080376
of ectoparasitic **acarian Pediculoides** ventric- 079670
of pesticides on some **Acarina populations** in 079867
fur bearing animals. **[Siphonaptera, Acarina]** 080014
species from France **(Acari, Tarsonemina).** 080610
ulmi (Koch) **(Tetranychidae, Acari)** on grap- 079862
chiggers **(Acarina, Trombiculidae).** [Xenodo- 080569
of tydeid mites **(Acariformes, Tydeidae)** fau- 080583
of genus Paralorryia **(Acariformes, Tydeidae** 080653

ACARINE
Studies on **acarine cuticles.** I. Cuticular por- 080227

ACARUS
against stored product mites. **[Acarus siro,** 079935

ACCIDENT
of horses in insurance & **accidents.** 075527
Actual condition of farm **accidents caused** by 080725
features of post-road **accident chest** injuries. 076150
work. 2. actual condition of **farm accidents.** 073035
Farm accidents. 080695
Fulguration accidents. Medico-legal consequ- 076144
exaggeration! [Tractors, **accident prevention]** 080860
Teratological accidents in sheep after parbe- 075490

ACCOUNTING
Computerizing of **bookkeeping.** [Farm supply 072892
Agricultural accounting. II. Planning for & 072893
from Eastern Asia (with a **brief account** of 080528
for land planning: A **comprehensive account** 072726
Regional trust on complete **cost accounting** 072818
engineering groups under **cost accounting** sy- 072823
New forms of intra-farm **cost accounting** sys- 072824
Cost accounting system as a method of cont- 072836
Cost accounting system activity of collective 072841
Cost centers in agricultural **cost accounting** 072850
of state farms & **cost accounting** system. 072951
system within system of full **cost accounting** 072953
Work of state farms on full **cost accounting** 072961
costs & returns from farm **cost accounts.** 072981
costs & returns from farm **cost accounts.** 072982
costs & returns from farm **cost accounts.** 072983
under conditions of full **cost accounting** syst- 073031
Donets Region) under full **cost accounting** s- 073120
on state farms under full **cost accounting** sy- 073122
on state farms on full **cost accounting** system 072959
Overhead costs from farm **cost accounts.** 072980
does a forest cost? how to **do accounting** for 076335
processing in system of **economic accounting** 072865
Improving **economic accounting** under condi- 072870
Problems of **economic accounting** in agrarian 072871
of introduction of **economic accounting.** [Sta- 072872
Specialization & **economic accounting** of for- 076494
of internal **economic accounting** in collective 076693
production costs in internal **farm accounting** 072873
Check system of **accounts** on **farms.** 072838
specializations of **bookkeeping farms** in sou- 072894
Accounting methods for fur breeder. 072912
Accounting for **pollution:** pollution abateme- 081816
Application of **accounting & statistics** in soc- 072875
trust on complete cost **accounting system. [** 072818
Cost **accounting system** as a method of cont- 072836
Cost **accounting system** activity of collective 072841
of state farms & cost **accounting system.** 072951
Internal cost **accounting system** within syst- 072953
state farms on full cost **accounting system.** 072959
state farms on full cost **accounting system** & 072961
conditions of full cost **accounting system. [** 073031
Region) under full cost **accounting system.** 073120

farms under full cost **accounting system.** 073122
groups under cost **accounting systems** in dis- 072823
forms of intra-farm cost **accounting systems** 072824
Provisional results from **visitors accounts** & 076255

ACER
characters in plants. [**Acer negundo,** Arabid- 077194
cultures of sycamore (**Acer pseudoplatanus**) 076963
adenosines. [**Acer pseudoplatanus,** Schizosa- 077496
cycloaldolase of **Acer pseudoplatanus.** 078232
from sycamore (**Acer pseudoplatanus**) trees 078233
Cultivation of sugar maple (**Acer saccharum**) 078851

ACERIA
Role of mango bud mite **Aceria mangiferae** 079758
of citrus bud mite, **Aceria sheldoni** (Ewing) 079828

ACETABULARIA
On plastidial heterogeneity in **Acetabularia.** 077540
RNA-polymerase in nuclei of **Acetabularia.** 077548

ACETAMIDE
micelles. III. Influences of urea & **acetamide.** 073951
degradation of several **acetamide, acylanilide** 080136

ACETATES
property of triphenyl tin **acetate against** lar- 079663
Carboxymethylation of **cellulose acetate.** 076482
havanensis Jacq. I. **acetates** of **havanensin** & 077390
synchronization with **melegestrol acetate.** 075270
biotransformation of **phenylmercuric acetate** 080048

ACETIC
treated with Alar & naphthalene **acetic acid** 074250
catalyzed oxidation of indole-3-**acetic acid** in 078126
of flax. [4-chloro-o-tolyl)oxy] **acetic acid.** 079484
Indole **acetic acid** metabolism in soil as infl- 081065

ACETOACETATES
plasma sugar & **acetoacetate levels.** 074504

ACETONIDE
pigs treated with **triamcinolone acetonide:** an 075626

ACETYLATION
Acetylation of **wool.** 074047

ACETYLCHOLINESTERASES
Acetylcholinesterase activity is decreased af- 074520
of **acetylcholinesterases** in **normal** & poison- 080688

ACETYLENE
symbion ts in situ using **acetylene reduction** 077654

ACHETA
Amplification of ribosomal DNA in **Acheta.** 080274
Amplification of ribosomal DNA in **Acheta.** 080275
DNA in oocytes of house **cricket, Acheta** d- 080220
of spermatogenetic stages in **cricket, Acheta** 080442

ACHILLEA
l oil of some species of **Achillea growing** in 077593
of common yarrow (**Achillea millefolium**) in 079590

ACHRAS
Autopolyploidy in **Achras sapota** L. [Sapodi- 077158

ACID
of gibberellin A20, **abscisic acid,** & phaseic 077549
Stress metabolism. V. **Abscisic acid** & nitro- 077690
Influence of gibberellic & **abscisic acids** & g- 077883
of asymmetric isomers of **abscisic acid** in a 077885
Effect of **abscisic acid** on stratification of a- 077969
tomato: water balance & **abscisic acid** in Ly- 078000
Effects of **abscisic acid** on senescence, perm- 078097
Rapid changes in **abscisic acid**-like inhibitors 078102
of kinetin, gibberellins & (+) **abscisic acid** 078105
Abscisic acid effects on chromatin thermal 078112
Increase in free & bound **abscisic acid** during 078124
in Avena coleoptiles by **abscisis acid.** [Oats] 077862
on intestinal amino **acid absorption** in piglets 075983
treated with Alar & naphthalene **acetic acid** 074250
catalyzed oxidation of indole-3-**acetic acid** in 078126
of flax. [4-chloro-o-tolyl)oxy] **acetic acid.** 079484
Indole **acetic acid** metabolism in soil as infl- 081065
Plasma nonessential ao essential **amino acid** 073708
Composition of **amino acids** in different malt 073816
technique for analysis of **amino acids** & rela- 073874
antioxidant effects of some **amino acids** upon 073923
of soybean protein & an **amino acid** mixture 074165
A comparison of **amino acid** & nitrogen con- 074204
Recovery & **amino acid** composition of prote- 074207
Amino acids composition of rye grain, sieved 074230
Amino acid composition of some domestic v- 074233
Amino acid oxidation & plasma **amino acid** 074651
hydrochloric acid] in minimizing **amino acid** 074748
absorption in vitro from copper **amino acid** 074845
Factors affecting sulfur **amino acid** requirem- 074917
Opague-2 & normal corn as **amino acid** sour- 074953
of Zea mays. I. Fibre, lignin & **amino acid** c- 074979
Partial replacement of sulfur **amino acids** in 075047
Essential **amino acid** levels for starting turk- 075052
Effect of age on lysine & sulfur **amino acid** 075058
tannin contents for chicks. 2. **Amino acid** di- 075065
Dry feeds & supplement of **amino acids** in f- 075070
study of availability of **amino acids** & effecti- 075145
inhibition by polyamines & poly(**amino acid** 075638
Water-soluble proteins & free **amino acids** in 075873
ransomi-infection on intestinal **amino acid** a- 075983
of selection for content of **amino acids** on p- 077166
On question of free **amino acids** in freshwat- 077301
of free tryptophan on automated **amino acid** 077567
On **amino acid** & carbohydrate composition 077607
Exchange of proteins & **amino acids** of wheat 077632
Changes in **amino acid** composition of prote- 077752
Influence of etiolation on **amino-acids** from 077918
amount of sugars & **amino acids** in leaves of 077939
Amino acids in bleeding sap of grapevine. I. 078079
Amino acids in bleeding sap of grapevine. II 078080
absorption & metabolism of **amino acids** in 078099
Dynamics of carbohydrates & **amino acids** in 078187
Exchange of proteins & **amino acids** of wheat 079411
Free **amino acids** in haemolymph & venom of 080221
Amino acid composition of spider silk. [Arn- 080281
Effect of dietary **amino acids** on size & alary 080315
effects on hemolymph free **amino acid** pool 080398
Modifications of content in free **amino-acids** 080432
effects on hemolymph free **amino acid** pool 080685
Decarboxylation of aromatic **amino acids**-1- 081220
bovis De Geer integument for **amino acids** t- 080381
treated with delta-**aminolevulinic acid.** 077835
on automated amino **acid analyser** Hd-1200 077567
Acute **arsanilic acid** intoxication in pigs. 076116
injection of [1-14C] [carbon] **ascorbic acid** 073759
Tolerance of higher **ascorbic acid** doses. 073760
Ascorbic acid as related to tibia strength in 074729
study of amount of vitamin C (**ascorbic acid** 074825
Acid hydrolases & **ascorbic acid** in testes of 074862
Influence of feeding **ascorbic acid** & sulfate 075045
study of amount of vitamin C (**ascorbic acid** 075962
Acid hydrolases & **ascorbic acid** in testes of 076004
injection of [1-14C] [carbon] **ascorbic acid** 076024
Ascorbic acid & heterocyst development in 077481
Ascorbic acid contents in hybrid tomatoes. 078169
Asterric acid from Scytalidium. 077508
Fat hydrolysis by lactic **acid bacteria** in che- 073966
Basic acid & fluid equilibrium in cattle: A g- 075465
Changing patterns of nucleic **acids, basic** & 077398
production of IAA [indoleacetic **acid, beans**] 078062
Fall **cacodylic acid** treatments to produce le- 079888
of some non-volatile **carbonic acids** for freez- 077475
production of 14C [carbon]-**chlorogenic acid** 077806
studies of **chlorophenoxyacetic acids** in Che- 081218
Is **cinnamic acid** 4-hydroxylase of potato a l- 078021
Citric acid & calcium in blood of Sicily's go- 074505
Acid coagulation as a means of treatment of 081824
Protein & nucleic **acid components** of elder- 079176
bacteria on fatty **acid composition** of chicken 073661
h aving same amino **acid composition.** 074165
Recovery & amino **acid composition** of prote- 074207
Amino **acids composition** of rye grain, sieved 074230
Amino **acid composition** of some domestic v- 074233
of dietary fat on fatty **acid composition** of d- 074726
acid desaturation & fatty **acid composition** in 074952
I. Fibre, lignin & amino **acid composition** & 074979
meal on flavor & fatty **acid composition** of b- 075002
vegetable oil on fatty **acid composition** of e- 075049
Changes in amino **acid composition** of prote- 077752
fluctuations in amino **acid composition** duri- 078080
Amino **acid composition** of spider silk. [Arn- 080281
characterization of fatty **acid compositions** of 080225
plasma free fatty **acid concentration** in dogs 074516
glucose, & free fatty **acid concentrations** in 074537
of naphthaleneacetic **acid conjugation:** no ef- 078125
recognition of genotype of fatty **acid content** 077889
Role of hydrocyanic **acid content** in relative 079756
Ascorbic **acid contents** in hybrid tomatoes. 078169
a particular role in **Crassulacean acid** metab- 077542
acid or [1-14C] **dehydroascorbic acid.** [Hum- 073759
naphthaleneacetic **acid dehydrogenase**] & 077352
Characterization of **deoxyribonucleic acid** s- 077858
onset of activity from **deoxyribonucleic acid** 077866
Deoxyribonucleic acid homology groups am- 079128
of copper on stearic **acid desaturation** & fat- 074952
Effect of 2,4-**dichlorophenoxyacetic acid** tre- 077495
control, 2, 4-**dichlorophenoxyacetic acid.** 079596
for chicks. 2. Amino **acid digestibility** studies 075065
of differentially labeled in **doleacetic acid** in 078094
cuttings to IBA. [In **dolebutyric acid**]. 078056
Tolerance of higher ascorbic **acid doses.** 073760
Abscisic **acid effects** on chromatin thermal 078112
of oxalate & **ethylenediaminetetraacetic acid** 077479
Comparison of methods of **extracting acid**-so- 077295
RNA & pectinic acid of nucleic **acid extracts** 077697
selected psychrophilic bacteria on **fatty acid** 073661
Fatty acids in isomerized hop extracts & gu- 073862
Changes in **fatty acids** in ripening mango pu- 074283
Lipids of potato tubers. 1. Lipid & **fatty acid** 074288
Preliminary studies on **fatty acids** & esters 074309
urinary excretion & plasma free **fatty acid** c- 074516
on in vitro release of free **fatty acids** in rats 074518
growth hormone, glucose, & free **fatty acid** 074537
in-vitro conditions. Protein & **fatty acid** por- 074546
of transport on unesterised **fatty acids,** gluc- 074553
Oxidation of mega-hydroxylated **fatty acids** 074557
Fatty acid synthesis in brown fat & liver of 074561
change of source of dietary fat on **fatty acid** 074726
on plasma glucose & free **fatty acids** of dom- 074737
Volatile **fatty acids** in contents of pendulous 074744
on stearic acid desaturation & **fatty acid** co- 074952
on hydrogenation of unsaturated **fatty acids** 074981
byproduct meal on flavor & **fatty acid** comp- 075002
animal tallow & vegetable oil on **fatty acid** 075049
lipolytica. II. Formation of **fatty acids** from 077423
metabolic turnover of long-chain **fatty acids** 077459
on protein & fat-content & **fatty acid** pattern 077726
to recognition of genotype of **fatty acid** cont- 077889
Lipids of potato tubers. 1. Lipid & **fatty acid** 078060
comparative characterization of **fatty acid** c- 080225
Fatty acid oxidation by flight muscles of dr- 080314
of activity of long chain **fatty acid** synthesis 077931
enzymes involved in reduction of **ferulic acid** 077408
acid in presence of inh-bitor **ferulic acid.** [078126
Fulvic acid metal complexes. [Soil chemistry 081091
fractionation of soil **fulvic acid** using synthet- 081114
of cobalt with humic & **fulvic acids** by high 081175
of isoenzymes of wheat **germ acid** phosphat- 077874
Preparation of [14C]-**gibberellic acid.** [Gibb- 077498
two fluorogibberellins from **gibberellic acid.** 077601
Effects of **gibberellic acid** & sublethal levels 077664
in barley aleurone tissue by **gibberellic acid** 077884
Gibberellic acid & alpha-amylase induction 077898
in Mangifera indica L.by **gibberellic acid.** [077979
Effect of **gibberellic acid** & 2, 4, 5-T on fruit 078073
species. I. Effect of a **gibberellic acid** treat- 078176
Effects of **gibberellic acid** & sublethal levels 079416
Gluconic acid-producing bacteria from honey 073878
Conversion of **glutamic acid** to proline in ch- 074754
Homoptera) of **acidic grassland.** 080568
Deoxyribonucleic **acid homology** groups am- 079128
Studies on physiological effect of **humic acid** 077785
colloidal behaviour of **humic acids** obtained 081090
Effect of volume of HCl **[hydrochloric acid]** 074748
Role of **hydrocyanic acid** content in relative 079756
Acid hydrolases & ascorbic acid in testes of 074862
Formation of p-**hydroxybenzoic acid** from p- 078942
Is cinnamic **acid** 4-**hydroxylase** of potato a l- 078021
Metabolism of **indolacetic acid**-1-14C [carb- 077992
tumorous origin to **indoleacetic acid** in vitro 077535
remarks on effects of 3-**indoleacetic acid** on 077625
between effect of **indoleacetic acid** & kinetin 077758
by rhizobial production of **indoleacetic acid** 077787
production of IAA [**indoleacetic acid,** beans] 078062
tumorous origin to **indoleacetic acid** in vitro 079368
concentration of IBA **[indolebutyric acid]** in 078793
Acute arsanilic **acid intoxication** in pigs. 076116
phosphonic acid, 2,3,5-tri-**iodobenzoic acid** 078095
of Australian timbers. XIII. **Jingullic acid,** a 078203
Fat hydrolysis by **lactic acid** bacteria in che- 073966
Reaction rate of lime in **acid laterite** soil. 081146
acid oxidation & plasma amino **acid levels** in 074651
Essential amino **acid levels** for starting turk- 075052
Effect of **levulinic acid** on biosynthesis of po- 077875
Liming acid soils in Amri ASSR. 081408
Linoleic acid requirement of turkey poults. 075059
octadecadienoic acid from **linoleic acid.** 078081
In vivo biosynthesis of alpha-**linolenic acid** 077355
Biosynthesis of alpha-**linolenic acid** by disr- 078005
acid] in minimizing amino **acid losses** when 074748
on cell wall ribonucleic **acid metabolism** & 077758
Indole acetic **acid metabolism** in soil as infl- 081065
role in Crassulacean **acid metabolism.** 077542
Fulvic **acid metal** complexes. [Soil chemistry 081091
Regulation of **acidity** of **milk,** cream & whey 073974
Sialis aequalis banks, in an **acid mine** stream 080173
of soybean protein & an amino **acid mixture** 074165
by NADH [**naphthaleneacetic acid** dehydro- 077352
Mechanism of **naphthaleneacetic acid** conju- 078125
total protein, seromucoid, **neuraminic acid** & 074712
plant material with concentrated **nitric acid** 076594
of iron chelate of **nitrohumic acid** by soybean 077785
Changing patterns of **nucleic acids,** basic & 077398
On carbohydrate & **nucleic acid** in leaves & 077610
into RNA & pectinic acid of **nucleic acid** ex- 077697
Protein & **nucleic acid** components of elder- 079176
colloidal behaviour of humic **acids obtained** 081090
cis-9, trans-11-**octadecadienoic acid** from lin- 078081
to steroidal 20-oxo-21-**oic acids** by ketoalde- 074669
Investigation on analysis of **organic acids** in 074342
on mineral constituents & **organic acids** con- 078041
Amino **acid oxidation** & plasma amino acid 074651
Fatty **acid oxidation** by flight muscles of dr- 080314
incorporation into RNA & **pectinic acid** of 077697
ion concentration] rate of **acid penetration** i- 074066
Peracetic acid as an oxidizer to replace per- 080431
gibberellin A20, abscisic acid, & **phaseic acid** 077549
hydroxybenzoic acid from **phenylacetic acid** 078942
On multiple forms of **acid phosphatase** in pig 074621
control of isozymes of **acid phosphatase** in 077147
Acid phosphatase of maize leaves; chromato- 077920
by 2(chloroethyl) **phosphonic acid,** 2,3,5-tri- 078095
acid & trans-5-hydroxyl-L-**pipecolic acid** fr- 077606
effects on hemolymph free amino **acid pool** 080398
conditions. Protein & fatty **acid porduction** 074546
Gluconic **acid-producing** bacteria from honey 073878
synthesis on trisporic **acid production** by fu- 077455

L. Moench) treated with **propionic acid.** 074083
Propionic acid--a potential control for deter- 076526
of nucleic acids, basic & **acidic proteins** in g- 077398
Rapid acidification of burry wool on a pilot 074048
nonessential ao essential amino **acid ratio** in 073708
Experimental studies into **acid**-base **ratio** in 075019
Linoleic **acid requirement** of turkey poults. 075059
affecting sulfur amino **acid requirements** of 074917
chloroplast ribosomal **ribonucleic acid** during 077329
acid & kinetin on cell wall **ribonucleic acid** 077758
Ribonucleic acid synthesis in chloroplasts. [078006
on tRNAs [methionyl-t **Ribonucleic acid**] m- 078130
tobacco rattle virus **ribonucleic acids.** 079177
Research on **acidic ripening** of dry salami. 074021
Effect of **acid, saline** & alkaline soils on crop 081534
Liming **acid soils** in Amri ASSR. 081408
of methods of extracting **acid-soluble** phosp- 077295
Concentrations of **acid-soluble,** exchange & 081019
normal corn as amino **acid sources** for barr- 074953
of deoxyribonucleic **acid species** from castor- 077858
with a combination of low **acid starters** & p- 073930
Influence of copper on **stearic acid** desaturat- 074952
Effect of dietary supplement of **stearic acid** 074983
Effect of **succinic acid** on amount of nitroge- 077829
superphosphates on **superphosphoric acid.** [081413
Fatty **acid synthesis** in brown fat & liver of 074561
Trisporic **acid synthesis** in Blakeslea trispora 077337
activity from deoxyribonucleic **acid synthesis.** 077866
of activity of long chain fatty **acid synthesis** 077931
Ribonucleic **acid synthesis** in chloroplasts. [078006
De Geer integument for amino **acids tagged** 080381
of 2,4-dichlorophenoxyacetic **acid treatment** 077495
I. Effect of a gibberellic **acid treatment** on 078176
Fall cacodylic **acid treatments** to produce le- 079888
by 2(chloroethyl) phosphonic **acid,** 2,3,5-**tri-** 078095
Effects of 2,4,5-**trichlorophenoxyacetic acid** 080119
Trisporic acid synthesis in Blakeslea trispora 077337
of carotene synthesis on **trisporic acid** prod- 077455
material with concentrated nitric **acid vapour** 076594

ACIDOPHILUS
of implantation of **Lactobacillus acidophilus** 074720

ACORUS
essential oil in rhizomes of **Acorus calamus** 077308

ACOUSTICS
Analysis of **acoustic signals** of bug Nezara v- 080206

ACREAGE
response, a study on **acreage determination** 073364
at increasing kilogram yield **per acre?** 072799
Economic basis for **acreage structure.** 072744

ACRIDIDAE
calamity: outbreak of locusts. [**Acrididae**]. 079658
melanin & locustol of locusts. [**Acrididae**]. 080156
F. Walker) (Orthoptera: **Acrididae**) from M- 080236

ACRIDOMORPHA
of Proscopoidea **(Orthoptera Acridomorpha)** 080158

ACRIFLAVINE
Influence of **acriflavine** on **appearance** of fac- 077193

ACROCERIDAE
larval stages **(Diptera, Acroceridae).** 080631

ACROSOMES
for extraction of **acrosomes** of **mammalian** s- 075271
Removal of **acrosomes** of **ram** & rabbit spe- 075281

ACTH
Modification of high temperature & **ACTH** 074749

ACTIN
On problem of **actin-resistant** tissues of app- 078191

ACTINOMYCETES
on numbers of **bacteria, actinomycetes** & fu- 080137
of **Actinomycetes** from **tobacco.** 079142

ACTINOMYCIN
Effects of **actinomycin** D, **cyclohexamide** & 077457
Effects of **actinomycin** D, **gibberellin** A7, & 077442
Effect of **actinomycin** D on **potato** virus X 079201

ACTINOMYCOSIS
Actinomycosis of **radish** (Raphanus sativus 079033

ACTOMYOSIN
Comparative studies on **actomyosin-thread** 076883

ACYL
Some properties of **acyl galactosyl** diglyceri- 078198

ADAPTATION
plants ater transplanting & its **adaptability.** 078208
acid porduction after **acetylurea adaption** of 074546
American extension: **Adoption, adaptation** & 072645
Behavioural adaptions of isopod Tylos granu- 080457
Climatic adaptation of populations of cocksf- 076846
regulatory mechanisms of **cotton adaptation** 077957
receptor acuity upon light/ **dark adaptation** 080304
Genetical adaptation of Chlorella populatio- 077228
relation to ontogeny & **adaptation** to **light.** 077689
VII. Examination of **adaptation** & **methods** 077794
A pasture of mixed grasses **must adapt** to n- 078446
Adaptation of o-**phenanthroline** method for 073917
analysis of **seasonal adaptations** in tick, De- 080376
Performance & **adaptation** of **small** grains in 078358

ADDITIVES
Additives. problem as seen from producers v- 073594
polyol glycosides as **bread additives.** 074109
ion concentration] & **certain additives** on he- 074067
of formalin & of **additives containing** formal- 074369
in rodents & dogs. [Soft **drinks, additives,** t- 073637
of pigeon keeping. II. **Feed additives.** 074876
Feed additives for beef cattle. 075079
Feed additives that stimulate growth. [Swine 075101
Food additives: recent developments in food 073853
Food additives. 073920
An estimate of magnitude of **additive genetic** 074628
feeding & some flavour-**imparting additives** 075001
of soil incorporated **organic additives** to see- 081509
Additives for **soft** drinks. 073599

ADENINE
semen nicotinamide **adenine dinucleotide** nu- 074545
of nicotinamide **adenine dinucleotide** phosp- 077532
NADP [nicotinamide-**adenine dinucleotide** 077622
of nicotinamide **adenine dinucleotide** phosp- 078127
NAD [nicotinamide **adenine dinucleotide**] in 078232
Adenine nucleotide levels in Neurospora [cr- 077435
level of nicotinamide & **adenine nucleotides,** 074705

ADENOCARCINOMA
Adenocarcinoma in **ileum** of a young dog. 075998

ADENOSINE
Adenosine 3': 5'-cyclic monophosphate conc- 077357
of (sodium+potassium)-**activated adenosine** 077837
Cyclic AMP [**Adenosine monophosphate**] & 077279
cyclic AMP [**adenosine monophosphate**] on 077442
cyclic 3':5'-amp [**adenosine monophosphate**] 078138
ADP [**adenosine pyrophosphatase**] of Chlor- 077352
triphosphates-**adenosine pyrophosphates** on 080177
from some N6-**substituted adenosines.** [Acer 077496
ATPase [**adenosine triphosphatase**] in spina- 078007
calcium ions on **adenosine triphosphatases** f- 077838

ADENOVIRUSES
Distribution of antibody to **bovine adenovir-s** 075627
formation of plaques by **bovine adenovirus** on 075883
On **diagnosing adenovirus** infection in cattle 075928
Distribution of **adenoviruses types** 1, 2, & 3 075598

ADENYL
Adenyl cyclase in pectoral muscle of normal 076021
Adenyl cyclase & regulation of glycogen me- 077573
Adenyl cyclase variation during development 080260
Adenylic nucleotides in Drosophila: Evoluti- 080177

ADENYLATE
Adenylate-cyclase & cyclic 3':5'-amp [adeno- 078138

ADHESIVE
adhesive & alpha-olefine **resin adhesive.** 076571
durability of **wood adhesives.** 076481

ADIPOSE
by in vitro liver & **adipose tissue** preparatio- 074535
Adipose tissue composition & lipogenic capa- 074536
of dietary manipulation on **adipose tissue** bl- 074973
acid composition of egg yolk, **adipose tissue** 075049

ADMINISTRATION
SEE MANAGEMENT

ADOLESCENCE
Nutritional needs of **teenagers.** 073723
we feed infants, children, **adolescents, adults** 073727
Metabolic responses of **adolescent boys** to 073711
Metabolic responses of **adolescent boys** to 073712

ADOXOPHYES
of smaller tea tortrix, **Adoxophyes fasciata** 080356
sex attractant. [**Adoxophyes orana,** Clepsis 080421

ADRENAL
Anion transport in **beef adrenal** cortex mito- 074624
a renin-like enzyme in bovine **adrenal bland** 074608
of malic enzyme activity in **bovine adrenal** 074556
Effects of **adrenal corticosteroids** on motility 075337
Adrenal function of Pekin ducks during mat- 074532

ADRENALECTOMY
Influence of **adrenalectomy** on **level** of keto- 074710
of leucocytes in **adrenalectomised rats.** 074784

ADRENALIN
Effect of **adrenaline** & **dihydroergotamine** on 074819

ADRENERGIC
Activity of **adrenergic system** during prolon- 074515

ADRENOCORTICAL
Stress & **adrenocortical activity** in piglets. 076104

ADSORPTION
for studying **adsorption, absorption** & meta- 078099
Water **sorption cy** crude drugs. II. Fructus 073855
Sorption of **iodide** by soils as influenced by 081112
of aluminium on **phosphate sorption** by who- 077688
of cation exchange between **root adsorbent** of 077561
Substrate adsorption in soil phosphatase act- 081003
Bentazon mobility & **adsorption** in **twelve** Il- 079609

ADULTERATION
in meat & meat products. [**Adulteration**]. 073627

ADULTICIDES
SEE INSECTICIDES

ADULTS
of density on survival & fecundity of **adults.** 079988
molt behavior of engorged nymphs & **adults.** 080347
we feed infants, children, **adolescents, adults** 073727
ankylose cervical spondylosis of **adult cat.** 076051
porphyric fetal, neonatal & **adult cattle.** 074596
by experimental transfer of **adult Fasciola** h- 075829
Sterilization of **overwintering adults** of cere- 079757
Partially sterilized **adult pink** bollworms: re- 079701
II. Effects on developmental **rate, adult** size 079901
A method to **sort adults** & brood from mater- 080180
Susceptibility of immature & **adult stages** of 079928
in excysted larvae & **adults** of **Trichinella** sp- 075677

AEDES
of Aedes (S.) polynesiensis Marks by **Aedes** 080343
variation in **Aedes taeniorhynchus.** 080026
Culex nigripalpus, **Aedes taeniorhynchus**]. 080034
variation in **Aedes taeniorhynchus.** 080422
juvenile hormone activity. [**Aedes aegypti,** 079643
alterations in mosquito **Aedes aegypti.** [Gen- 079985
in laboratory strains of **Aedes aegypti.** 080005
alterations in mosquito **Aedes aegypti.** [Gen- 080214
juvenile hormone activity. [**Aedes aegypti,** 080299
on gonotrophic cycle of **Aedes aegypti** in ba- 080349
of Brugia pahangi in **Aedes aegypti.** 080434
water mosquito larva, **Aedes campestris.** 080316
in sex ratio of mosquitoes **Aedes caspius** cas- 080384
at two constant temperatures. [**Aedes, Culex** 080039
infection in vero cell cultures. [**Aedes, Culex** 080246
at two constant temperatures. [**Aedes, Culex** 080443
Distribution of **Aedes hendersoni** Cockerell 080033
of a salt-water mosquito **larva, Aedes** campe- 080316
organophosphorus resistance in **larval Aedes** 079961
on ecology of treehole **mosquito Aedes** sierr- 079974
linkage alterations in **mosquito Aedes** aegyp- 079985
Changes in sex ratio of **mosquitoes Aedes** ca- 080384
in Florida. [Culex **nigripalpus, Aedes** taenio- 080034
resistance in larval **Aedes nigromaculis** & C- 079961
in irrigated pastures. [**Aedes nigromaculis,** 079966
in irrigated pastures. [**Aedes nigromaculis,** 079967
control without spray. [**Aedes nigromaculis**] 080032
of treehole mosquito **Aedes sierrensis** (Ludl- 079974
mortality factors in **Aedes sierrensis** populat- 079975
insecticides in treeholes. [**Aedes sierrensis**] 079976
variation in **Aedes taeniorhynchus.** 080026
Culex nigripalpus, **Aedes taeniorhynchus**]. 080034
variation in **Aedes taeniorhynchus.** 080422
Superinfection of **Aedes togoi** with Brugia 080007

AERATION
Effect of **aeration** & of **addition** of nutrients 074189
Effects of **artificial aeration** on chemistry & 081746
beinerstadt" system of **aeration** for **chopped** 080719
Aerated steam therapy for control of grassy 079341

AERIAL
Efficacy of **aerial applications** of zinc to avo- 079257
Color aerial photos for marshland. [Nevada, 076744
Possible **aerial desiccation** of rice crop with 078480
Projection-viewer for **microscale aerial** phot- 076329
Van Hall) on surface of **aerial organs** of pear 079122
Use of **aerial parts** of peanut plants: product- 078262
type classification proposed for **aerial photo-** 076265
agriculture & forestry. [**Aerial photography**] 072627
Aerial photography inventory of vegetation 076178
agriculture & forestry. [**Aerial photography**] 076239
Aerial photography in mosquito control. 080031
Aerial teledetection of resources. 081844

AEROBIOSIS
of anabiosis & **aerobiosis** in **technology** of fr- 075439

AERODYNAMIC
Aerodynamic & **energy** balance comparisons 077644
soils with use of an **aerodynamic field** unit. 081580

AEROSOL
adulticides applied as **nonthermal aerosols.** 079962

AESCULUS
of carotenoids in **Aesculus rubicunda** Auct. 077597

AETIOLOGY
SEE ETIOLOGY

AFFORESTATION
larch & their utilization for **afforestation.** 076371
of spruce species used in **afforestation.** 076392
on peat. [**Afforestation, Godronia** multispora 076388
Afforestation of **open** peatlands with Betula 076397
seasonal aspects in **afforestation work.** 076378

AFLATOXINS
distribution & metabolism of **aflatoxin** B.-1 074541
plasma carotenoids during **aflatoxicosis.** [Ch- 076137
Occurrence of **aflatoxins** in **cotton** seeds at 078993
japonica). [Aspergillus **flavus, aflatoxins**]. 076139
Aflatoxin B1 **producing** potential of isolates 079025
Effect of **aflatoxin** B1 on **resistance** in poult- 075625
feeding of **aflatoxin & rubratoxin** to chickens 076136

AGALACTIA
Mastitis & **agalactia** in a **sow.** 075743

AGAR
Soil bacteria growing in **plain-agar** plate. 081119
Fruiting on **sterile agar** & cultivation of str- 078870
Effect of **agar-tissue** preparation & cobalt su- 075960

AGARICACEAE
habitat for mushrooms **(Agaricaceae)** in Ma- 076630
Paine. [Borwn blotch, **Agaricus bisporus**]. 078917
Russula virescens Schiff. ex Zant., Fr. 076717

AGGLUTINATION
II. **Agglutination & haemagglutination** studi- 075802
by RMAT. [Rapid **microscopic agglutination** 075863
R.M.A.T. [Rapid **microscopic agglutination** t- 075864
Non-**specific agglutination** of Mycoplasma g- 075917

AGGLUTININS
lympholeukemia. 6. **Agglutinin formation** & 075605
Investigation of **leptospiral agglutinin** of an- 075864

AGGRESSION
Release of **aggressive & capture** behaviour in 080404

AGING
Mead-storage & **aging.** 073850
Milled rice & changes during **aging.** 074140
in heifers from 4 to 10 months of **age.** 074706
of nutrients by cattle as related to **age.** 074849
between heterozygosity & **ageing.** 075173
on andalusian agronomies in middle-ages (X- 081687
hide of cattle in relation to **age** of **animals.** 074830
Age dependent resistance to transmissible g- 075662
determined with chickens of **different ages.** 075060
animals in grassland. II. **Age distribution** of 081124
Dramatic age of nutrition; how do we feed i- 073727
Age features of ketogenesis in swine. 074832
Age features of spermatozoa production of b- 075347
About **age** of **fetus,** presence of agent & seas- 075919
Effect of **age** at **first** calving on performance 075335
Effect of **age** at **first** calving on some param- 075341
biometrical study of ovaries of **heifers** in **age** 074759
Dietary calcium DDT source & **age** of **hen** 075325
processes in livestock, **including age,** produc- 074838
of metacarpal bones with **increasing age.** [C- 074760
Crowding effects among single-**age larvae** of 079890
Effect of **age** at **lighting** on costs & revenues 073072
Effect of **age** at **lighting** on reproduction in 075322
Effect of **age** on **lysine** & sulfur amino acid 075058
as affected by inoculum level, **plant age** at i- 079309
in livestock, including **age, productivity** & fe- 074838
Effect of **age** on **productivity** of Chinese gee- 075287
some enzymes from soyabean **seeds ageing** at 077624
An **age sequence** of parent materials & soils 081151
from heart girth within **specified age/sex** gr- 074602
Crowding effects among **single-age** larvae of 079890
Prediction of **slaughter age** in beef cattle. 073990
from heart girth within **specified** age/sex gr- 074602
Nutrition & **aging** in **technically** underdevel- 073802
of potatoes as affected by **age, temperature,** 074253
development of female pigs. I. **age threshold** 075226
of an endopeptidase from **aging tobacco** leav- 077966
Effect of diet & **weaning age** on in vitro lip- 074966
of weaning of piglets at **age** of three **weeks** f- 074438
fluctuation in respiration of **aging xylem** in 078205

AGITATION
cocoa mass on high speed **agitation bead** mil- 073906

AGRARIANISM
Common agrarian market in expansion. 073176
of agrarian policy & **agrarian economy** of G- 072731
a neglected factor in **English agrarian** histo- 072723
List of books & articles on **agrarian history** 072625
economic accounting in **agrarian-industrial** c- 072871
A historical **necessity, agrarian** revolution in 073497
America--continent of **agrarian paradox.** 072692
Austria's **agrarian policy.** 073384
Chronicle of **agrarian policy** & agrarian eco- 073407
Agrarian policy in this decade. [Austria]. 073433
Agrarian policy & development of agriculture 073434
Agrarian policy in mosaic. 073536
Futurology in **agrarian policy.** 073537
Agrarian problems in Algeria. 072737
Agrarian reform in Syrain Arabic Republic. 072734

AGRIBUSINESS
Agriculture & **agribusiness** in **United** States 076587

AGRICULTURE
growth development & advice. [**Agriculture**] 072633
of Frantisek Dibel, professor of **agriculture** 072636
Meteorology & **agriculture.** 072637
Mastery of climate in **agriculture.** 072640
to socialist reconstruction of **agriculture.** 072662
Committee "Plastic in **Agriculture**". 072666
Role of youth in development of **agriculture** 072668
utilization of air photographs in **agriculture** 072689
Agriculture: critics find basic research stunt- 072700
Agriculture: social sciences oppressed & pov- 072701
Cooperation & constitution. [**Agriculture**]. 072709
Specialist & technical progress. [**Agriculture** 072712
1973 Research progress. [**Agriculture**]. 072714
An industrial base for **agriculture.** 072736
of two world systems. [**Agriculture**]. 072739
part of intensification of **agriculture.** 072742
in management research. [**Agriculture**]. 072782
of leadership in management. [**Agriculture**]. 072791
on agricultural equipment & **agriculture:** Ro- 072851
design of work standarization in **agriculture** 072860
Production reserves in **agriculture:** agricultu- 072913
which is necessary? [**Agriculture**]. 072919
of economic efficiency in **agriculture.** 072920
of application of tax law. III. [**Agriculture**] 072991
Thoughts on foreign capital in **agriculture.** 073001
complete cooperative expense. [**Agriculture**] 073009
of owner's capital in **agriculture.** 073065
Amortization of basic capital in **agriculture.** 073116
structure & organization of **agriculture:** impl- 073132
income & general welfare in **agriculture.** 073133
by intensified production [**Agriculture**]. 073308
in economic cooperation in **agriculture.** 073357
of an objective function. [**Agriculture**]. 073366
scope of structural policies in **agriculture.** 073388
market development in **agriculture.** 073393
adapted permanently. [**Agriculture**]. 073398
Corn has a bright future in **agriculture.** 073413
What policy for what **agriculture**? propositi- 073455
between science & production. [**Agriculture**] 073542
Alternative futures for U.S. **Agriculture:** a c- 073554
movement & implications for **agriculture.** [U 073555
Nutrition Service dept. of **agriculture.** 073785
Corn has a bright future in **agriculture.** 074101
of solipeds & mechanization of **agriculture.** 074444
Schleswig-Holstein Chamber of **Agriculture.** 075014
Seasoning lumber for **agricultural** use. 076505
of an integrated pest control in **agriculture.** 079640
fever ticks. [Babesia] dept. of **agriculture.** 080029
Legislation of pesticides in **agriculture.** 080064
of mercury-free pesticides. [**Agriculture**]. 080123
Using hand signals for **agriculture.** [Safety] 080694
Economics of use of electricity in **agriculture** 080756
house caged layers dept. of **agriculture.** 080788
of unloading & transporting in **agriculture.** 080826
component measuring device. [**Agriculture**]. 080829
on agricultural equipment & **agriculture:** new 080861
on agricultural equipment & **agriculture:** To- 080862
development of mechanization in **agriculture** 080890
Application of tractors in **agriculture.** 080919
electrification of **agriculture.** 080963
Irrigation methods in today's **agriculture.** 081685
water resource development in **agriculture:** 081757
movement & implications for **agriculture.** [U 081880
structures: Balance & prospects. [**Agriculture** 072762
of solipeds & mechanization of **agriculture.** 073297
Advances in **agricultural acarology** in Europe 079672
Agricultural acarology in Poland. 079678
Agricultural accounting. II. Planning for & 072893
Income tax: **Agricultural activities** matching 073080
as influenced by **agricultural administration** 080752
Agriculture & agribusiness in United States 076587
Agriculture & agricultural mechanization in 072634
Space science **aids agriculture.** 072643
Effect of **agricultural ameliorative** practices 081183
Arizona agricultural statistics, 1972. 073351
Way to success of **agricultural association** U- 072869
of German **Agricultural Association.** 073829
of German **Agricultural Association.** 073937
by German **Agricultural Association** for claw 074416
by German **Agricultural Association.** 080928
Creating a county **agricultural atlas.** [Oregon 072675
of 1972/73 **Austrian agriculture** & forestry: 073387
Ratio of costs & prices of **basic agricultural** 073074
Brief glance on **Belgian agriculture** in 1972. 073408
optimum combining of **agricultural branches** 072942
British agriculture: capital & loans. 073010
sanitary facilities of **agricultural buildings.** 076444
construction of **agricultural buildings.** 080746
Protecting **agricultural buildings** from rats. 080784
A French **agricultural canal**-- Canal della S- 081595
Without water **agriculture cannot** be prospe- 081702
Agriculture & challenge of '70's. 073529
Instruction at Sala **Agricultural College.** 072710
in time of Sapporo **Agricultural College,** 18 072752
under beef CAP [**Common Agricultural** Poli- 073222
of Chinese **communist agriculture** & size of i- 072965
as a method of **controlling agricultural** prod- 072836
in testing & **controlling agricultural** implem- 080843
perspectives of **agricultural cooperation** in 072863
in preparation of **agricultural cooperation.** [072868
Development of **agricultural cooperation** in 072927
Renewal of French **agricultural cooperation** 072930
Agricultural cooperation in Eastern Europe- 073386
New law on **agricultural cooperation.** 073409
of large **agricultural cooperative.** 072801
at Unified **Agricultural Cooperative** Podoji 078874
of production in **agricultural cooperatives** of 072859
culture in **agricultural cooperatives.** 073047
Cost centers in **agricultural cost** accounting 072850
Creating a **county agricultural** atlas. [Oregon 072675
banks for cooperatives. [**Agricultural credit**] 073138
Ecological **crisis, agriculture,** & soil fertility 081545
Agriculture in **Cuban** Republic. 072667
specialization in **Czechoslovak agriculture.** 072867
bases for **agriculture** in **Czechoslovakia.** [M- 080736
photometry of forestand **agricultural decay** 081057
Department of **Agriculture, Department** of 075659
alternatives for **agricultural development:** e- 072966
Forecast of **agricultural development** & fore- 073446
perspectives of **agricultural development** in 073469
Forecast of **agricultural development** & fore- 076196
Agricultural diversification & development. 072795
maintenance of **agricultural drainage** systems 080734
price situation dept. of **agriculture economic** 073321
meat situation dept. of **agriculture economic** 073375
in **agriculture** will mean an **economic** catast- 073491
specialization. [**Agricultural economics**]. 072741
Agriculture in **economy** of Soviet Republics 072758
on professional **agricultural education** consi- 072656
effectiveness of **agricultural education.** 072693
on planning on higher **agricultural education** 072702
Present state of higher **agricultural education** 072705
Agricultural engineering documentation & in- 080728
Agricultural engineering highlights in North 080748
Tasks of **agricultural engineers** in socialist f- 080714
Basic knowledge for **agricultural engineers.** 081155
growing at State **Agricultural Enterprise** fr- 078468
statistics in socialist **agricultural enterprises** 072875
control of **agricultural enterprises.** 072999
of using gas in **agricultural enterprises.** 080754
Norwegian **agriculture--environmental** prote- 081830
information on **agricultural equipment** & agr- 072851
spare parts for **agricultural equipment.** 072947
Stationary care of **agricultural equipment.** 080827
information on **agricultural equipment** & agr- 080861
information on **agricultural equipment** & agr- 080862
safety in riding. [**Agricultural equipment**]. 080909
of useful life of **agricultural equipments.** 080832
of **agricultural establishments.** 072865
of Nine: Should **European agricultural** policy 075708
of geochemical **& agricultural evaluation** of 081200
Our **expanding agriculture.** 073410
up. [Breeding] **agricultural experiment** stati- 077141
in Manfredi **Agricultural Experiment** Station 078371
Research & **Agricultural Experimentation.** 072672
U.S. **Agricultural exports** to 50 largest mar- 073221
Basic problems **facing agricultural** science. 073514
Pilot programs in off-**farm agricultural** occu- 072699
tendencies of **agricultural farm** structure: Pr- 073385
breeding period in **agricultural farms.** 075399
Way for **agricultural female** laboratory tech- 072630
of production indices. [**Agricultural finance**] 073014
level of return. [**Agricultural finance**]. 073016
of primary capital. [**Agricultural finance**]. 073019
results of competition. [**Agricultural finance**] 073025
fund utilization. [**Agricultural finance**]. 073027
service for farmers. [**Agricultural finance,** la- 073053
state farms in Estonia. [**Agricultural finance** 073102
of capital investments. [**Agricultural finance** 073114
management conditions. [**Agricultural finance**] 073123
production workers for **agricultural & food** i- 072642
Long-term **agricultural forecasting.** 073420
photometry of **forestand agricultural** decay 081057
Press & radio in **agriculture & forestry.** 072622
Remote sensing for **agriculture & forestry.** 072627
Commission if **Agriculture & Forestry** of Ta- 072707
Functions of **agriculture & forestry** which are 072748
new trade regulation. [**Agriculture, forestry**] 073145
Results of **agricultural & forestry** census for 073352
Joint destiny of **agriculture & forestry.** 073437
Press & radio in **agriculture & forestry.** 076174
Functions of **agriculture & forestry** which are 076186
new trade regulation. [**Agriculture, forestry**] 076235
Remote sensing for **agriculture & forestry.** 076239
Renewal of **French agricultural** cooperation 072930
promotion abroad of **French agricultural** ma- 073231
A **French agricultural** canal-- Canal della S- 081595
products in 1971. [**Fuel, agricultural** machin- 080785
revolution & **future agriculture** from present 073391
grass control in **agriculture & gardening** in l- 079539
German agricultural & forestry attache aro- 072632

development of **agriculture** in **German** Dem- 072864
Changing face of East German agriculture-- 073226
evaluation of **agriculture** in **German** Federal 073349
Packaging activities of **German Agricultural** 073829
quality evaluation of **German Agricultural** A- 073937
approved by **German Agricultural** Associati- 074416
for cattle approved by **German Agricultural** 080928
compressors in DLG [**German Agricultural** 080929
approved by DGL [**German Agricultural** Soc- 080930
Potash & its role in high-grade **agricultural** 081278
Problems of **agriculture** in **Greece.** [Policies] 073451
Seminar on planning on **higher agricultural** 072702
Present state of **higher agricultural** education 072705
of Lenin's ideas. [**Agriculture, history**]. 072648
cooperation in **Hungarian agriculture.** 072866
in development of **Hungarian agriculture.** 073460
tax options affecting **Illinois agriculture.** 073051
for utilization of **agricultural implements** in 072851
controlling **agricultural implements.** 080843
U.S. **agricultural imports** increase from most 073218
Tariff rates on U.S. **agricultural imports** lo- 073219
of production by **improved agricultural** tech- 078357
essential to **improving agricultural** producti- 081616
Prospects of pesticides in **Indian agriculture** 080121
Kibbutz-an **agricultural-industrial** village. 072670
assistance shops in **agricultural-industrial** c- 072858
mercury in some **agricultural & industrial** fi- 081835
consultations on **agricultural industries** in d- 073383
Agriculture & industry in South Italy. 072673
in agriculture: **agriculture & industry** cooper- 072913
organic wastes from **agriculture & industry:** 075023
approach to **agricultural innovation.** 072803
Breeding Farm & **Agricultural Institute** at 075290
by social **agricultural insurances.** 073088
Agriculture in **international** competition. 073332
Twenty-five years of **Israel agriculture.** 072669
efficiency of using **agricultural labor** resourc- 072954
Recent developments in **agriculture, land &** 072718
hectares of valuable **agricultural land.** 072751
in newly cleared & old **agricultural land.** [C- 079307
in surface runoff from **agricultural land** as in- 081520
Agriculture & land protection. 081797
Organization of **large agricultural** cooperati- 072801
Use of **agriculture** in some **Latin** American 072704
Agricultural machinery market around 1972 073269
power figures for **agricultural machinery:** A 073270
place under sun. [**Agricultural machinery,** tr- 073320
in 1971. [Fuel, **agricultural machinery**]. 080785
place under sun. [**Agricultural machinery,** tr- 080787
Glossary of **agricultural machinery.** 080802
for selection of **agricultural machinery.** 080807
Exhibition of **Agricultural Machinery**]: some 080887
of maintaining **agricultural machinery.** 080899
also a crucial test for **agricultural machinery** 080900
Exhibition of **Agricultural Machinery**]. II. 080944
Exhibition of **Agricultural Machinery**]. III. 080945
exhibition of **Agricultural Machinery**]. IV. 080946
Exhibition of **Agricultural Machinery**]. I. F- 080947
abroad of French **agricultural machines:** bir- 073231
Scandinavia's **agricultural machines** stay wi- 080905
Certification of **agricultural machines.** 080980
Problems of **maintaining agricultural** machi- 080899
of automation in **agricultural management.** 072928
cultivars obtained in **Manfredi Agricultural** 078371
we expect in Common **Market agricultural** 073288
farmers produce & **market agricultural** prod- 073340
Importance of **agricultural mechanics** courses 080879
Agriculture & **agricultural mechanization** in 072634
Development of **agricultural mechanization.** 080799
Future of **agricultural mechanization.** 080810
Agricultural mechanization in Israel research 080893
Agricultural mechanization in year 1980 in 080976
levels of **agriculture** of **member** countries of 073461
work productivity in **agriculture** of **member** 073463
heat energy by **agriculture** in **member** count- 080737
Agriculture in **Mogolian** People's Republic 072706
prospects of **agriculture** in **Mongolian** People 073462
Agriculture in **Moshav.** 072671
Place of **agriculture** in **national** economy. 072747
Future of **Norwegian agriculture.** 073493
Norwegian agriculture--environmental prote- 081830
in off-farm **agricultural occupations.** 072699
merging of **agricultural operations.** IV. Italy 072844
Agricultural operations & rational method of 072862
SCHWEVAGx [**Agricultural organizations,** 072906
Overseas agriculture: Tomato culture in Cali- 078673
Aspects of **agricultural panic** in Meiji 40's. 072660
Report on **agricultural & pastoral** production 073370
Developments in **agriculture** in **People's** Re- 072715
Laboratory of **Phytopathology, Agricultural** 078951
Agricultural planning & analysis. 072914
years of lost occasions. [**Agricultural policies**] 072784
solidaric & realistic. [**Agricultural policies**]. 073456
U.S. **Agricultural policies** for rice industry. 077592
beef CAP [Common **Agricultural Policy**] var- 073222
Nine: Should European **agricultural policy** c- 075708
Tasks of **Polish agriculture.** 073468
in Common Market **agricultural politics?** 073288
sophisticated view of **agricultural politics.** 073492
Agricultural popularization in Africa & Ma- 072708
managing council of **Agricultural Porduction** 072691
breakthrough in **agriculture** & its **possible** s- 072719
etc. for **agriculture** during 1971 & **preceding** 073055
Agricultural prices from economic-political 073213
reequipping of **agriculture & problems** of en- 072948
in some fields of **agricultural production.** 072804
of competition. [**Agricultural production**]. 072831
of competition. [**Agricultural production,** col- 072832
method of controlling **agricultural production.** 072836
specialization of **agricultural production.** [C- 072870
Coverage of **agricultural production** costs in 072873
equipment on **agricultural production.** 072946
responsibilities. [**Agricultural production,** re- 073026
of European North. [**Agricultural production** 073028
of regional **agricultural production.** 073392
planning of **agricultural production.** 073423
Relations between **Agricultural Production** 073464
cattle production in **agricultural production** 073465
intensification of **agricultural production.** 073483
intensification of **agricultural production.** 073545
Tobacco growing at **Agricultural Production** 078464
intensification of **agricultural production.** 080753
use of electricity in **agricultural production.** 080755
to improving **agricultural production** in Vol- 081616
Study of **agricultural production** specializati- 081709
quality standard on **agricultural production.** 081755
Republic. [**Agricultural production&**]. 073421
Estimation of **agricultural productivity** inde- 073363
cooperating in field of **agricultural products** 072913
costs & prices of basic **agricultural products,** 073074
pay added value tax. [**Agricultural products**] 073090
contract markets. [**Agricultural products**]. 073165
on world commerce of **agricultural products** 073168
Marketing food & **agricultural products** in 073212
in marketing of **agricultural products.** 073254
prospect. [**Agricultural products**]. 073339
produce & market **agricultural products.** 073340
its role in high-grade **agricultural products.** 081278
Research on **professional agricultural** educat- 072656
by active funds in **agriculture prognosis** of d- 073411
extension & **agricultural promotion** & on job 072654
Purchase & sale of **agricultural property.** 073042
Protecting agricultural buildings from rats. 080784
Soil **protective agriculture** in steppes of sou- 081581
Punjab Agricultural University. 072653
natural resources for **agricultural purposes.** 081804
Crop failure in **agriculture--**what is **reason?** 079360
An overview of an **agricultural region:** Umbr- 072674
a case report on Tokachi **region agriculture** 072857
Tendencies of **regional agricultural** producti- 073392
Aim of **agricultural regulations.** 073646
Agricultural research--progress, problems & 072663
in operational area of **Agricultural Research** 073048
Western **agricultural research** & environmen- 073556
Development of **agriculture** in **Russian** SFSR 073467
Instruction at **Sala Agricultural** College. 072710
agriculture in time of **Sapporo Agricultural** 072752
on job training by an **agricultural school** of 072654
Practical studies in **agricultural science--**a s- 072629
Basic problems facing **agricultural science.** 073514
information for **agricultural sciences.** 073713
Vegetables section of **agricultural sector:** 19 073502
An economic analysis of **selected agricultural** 080745
face of East German **agriculture--shift** from 073226
production funds in **agriculture** of **Siberia** & 073086
Contributions by **social agricultural** insuran- 073088
statistics in **socialist agricultural** enterprises 072875
process in our **socialistic agriculture.** 072846
in DLG [German **Agricultural Society**] testi- 080929
by DGL [German **Agricultural Society**]. 080930
A study of **agricultural soils** in province of 081106
Fifty years of **Soviet agriculture.** 072641
in soybeans growing at **State Agricultural** E- 078468
Arizona **agricultural statistics,** 1972. 073351
Impact of new **agricultural strategy** on farm 072990
Exportation of **agricultural surplus** of United 073307
questions & **agriculture** in **Sweden.** 081831
New **agricultural tax--** facts. 073040
Automatic payment of **agricultural tax.** 073041
by improved **agricultural technology.** 078357
Agricultural technology of cerals grown in 078422
Long-**term agricultural** forecasting. 073420
in some soils of **agricultural territories** of A- 081177
Some views on **agriculture** in **time** of Sappo- 072752
Drives of **agricultural tractors** of engineering 080895
A safety cabin for **agricultural tractors.** 080977
organization of **agricultural transportation** in 072887
growing vegetables at **Unified Agricultural** 078874
sewage disposal by **agricultural units,** 1970 081349
Punjab **Agricultural University.** 072653
Training at **Agricultural University** for work 072680
of Phytopathology, **Agricultural University,** 078951
hectares of **valuable agricultural** land. 072751
Inspection of **agriculture & vegetable** seeds, 073856
fertilizers, 1972; **agricultural & vegetable** se- 073897
Agriculture & veterinary medicine in New 075524
Agriculture & veterinary medicine in New 075530
stream electric plants [**Agricultural waste**]. 080740
mosquito abatement. [**Agricultural wastes**]. 079979
Without **water agriculture** cannot be prospe- 081702
surface runoff from **agricultural watersheds** 081547
Western agricultural research & environmen- 073556
Practical normalization in **agricultural work** 072901
Taxation & **Wyoming agriculture.** 073141
of **agriculture** between **yesterday** & today. [073434

AGRIOTES

occurrence of wireworms [**Agriotes ustulatus** 079749

AGROCHEMISTRY

operating methods in **Agrochemical Centre.** 079630
capacity required by **agrochemical centres.** 081332
Agrochemical characteristics of soils of nort- 081011
Agrochemical effectiveness of NPK [Nitrog- 078572
for organization of **agrochemical enterprises** 079228
Agrochemical principles in production of c- 079413
Agrochemical research on accumulation of n- 081287

AGROMETEOROLOGY

Agrometeorological assistance. 072638

AGROMYZA

Agromyza frontella (Rond.) (Diptera: Agro- 079698

AGROMYZIDAE

frontella (Rond.) (Diptera: **Agromyzidae**): a 079698
Some **Agromyzidae** (Diptera) from Maltese 080537

AGRONOMISTS

Atanas Popov 1906-1972. [**Agronomists**]. 078516
his seventy-seventh birthday. [**Agronomists**] 078523
Madagascar: Words of a **creative agronomist** 072708

AGRONOMY

Uruguay. 1. Report of Faculty of **Agronomy** 072703
nitrogen & ammonia nitrogen in **agronomy** 078268
burley character on **agronomic characters** & 074096
water stress on: II. **Agronomical characters** 077421
control with chemicals: **agronomic crops,** pe- 079560
of Maryland tobacco. I. **Agronomic effects.** 081705
on activities of **Agronomic Experimental** Ins- 078387
Agronomic investigations using continuous f- 081312
millet varieties to **agronomic manipulations** 078434
Agronomic notions for tractor driver. 3. Ph- 081259
Agronomical use of **pig** wastes polluting wat- 081389
technological & **agronomical problems** conn- 078699
Agronomic role of forest stands on irrigated 076216
Agrophytotechnical steps aiming at increasi- 078465
Results of **agronomical studies** on winter fl- 078033

AGROPHYTOTECHNICAL

SEE AGRONOMY

AGROPYRON

froms of wheat: **Agropyron amphidiploids** (077213
crested wheatgrass. [**Agropyron crestatum**]. 079452
wheatgrass pastures. [**Agropyron cristatum**] 078334
hybrids obtained from **crossing Agropyron g-** 077232
Misdivision of an **Agropyron elongatum** chr- 077258
of seedlings & clones of **Agropyron repens** (077613
in spring oil plants. [**Agropyron repens**]. 079504
with out amitrol. [**Agropyron repens,** rutaba- 079522
foreign literature. [**Agropyron repens**]. 079539
control, Artemista **tridentata, Agropyron** de- 073136

AGROSTIS

cycocel in control of **Alopecurus agrestis** in 079464

AGROTECHNOLOGY

Effect of **agrotechnical procedures** on planti- 078506
Agrotechnique for **red** clover seed production 078385
Agrotechnics of **winter** wheat in higher regi- 078545

AGROTIS

of caterpillars of Archer's **dart Agrotis** vesti- 080433

AIR

Ultrastructure of **abdominal air** sac of fowl. 074781
Byssinosis, air pollution, OSHA [Occupatio- 073549
Two story **cold air** drying house for grain. 080747
Air conditioning systems in mushroom hous- 080768
Examinations of microflora of **air** in a **cow** 075755
Use of an **air cushion** as a trailer for hauling 076503
Influence of **different air** velocity at mean & 074599
of brickets & cobs from hot **air dried** grass 075015
Changes caused by **air-drying** & alcohol deh- 076926
Two story cold **air drying** house for grain. 080747
existing kraft recovery units for **air emission** 081857
Pest identification from **air,** or **finding** insec- 079622
Air flow requirements, bed turnover time for 074084
insulated container for **air-freighting** chilled 074034
Comparative efficiency of **air & ground** trea- 079836
of th e greenhouse. 1. Hot **air heater.** 080724
Feeding of brickets & cobs from **hot air** dri- 075015
Installation of th e greenhouse. 1. **Hot air** h- 080724
between level of initial **air inclusion** & degr- 074341
of Mangifera indica L. by **air-layering.** [Ma- 078606
of IBA [indolebutyric acid] in **air layering** of 078793
formation in Mangifera indica L. **air layers.** 077982
of climate & topography on **oxidant air** poll- 076229
problems of utilization of **air photographs** in 072689
on emmission problem. [**Air pollution**]. 073481
Byssinosis, **air pollution,** OSHA [Occupatio- 073549
by certain sources of **air pollution.** 076224
Air-pollution situation, forestry, & effect of 076225
topography on oxidant **air pollution** concent- 076229

chronic influence of industrial **air pollution.** 076230
Alfalfa clones... Indicators of **air pollution.** 079224
Effects of **air pollution** on Maryland (type 079304
chronic influence of industrial **air pollution.** 079915
beetle poplulations. [Carabidae, **air pollution]** 080197
Biological indicators of **air pollution.** 081786
on emmission problem. [**Air pollution**]. 081817
zones in town of Tampere. [**Air pollution**]. 081820
temperatures & humidity of **air** in **poultry** h- 074823
device for regulation of **air regime** in greenh- 080735
in Lithuanian SSR. 4. Water & **air regime** in 081031
Regulating air-water system in a fine-grained 078805
Ultrastructure of abdominal **air sac** of fowl. 074781
Effects of **air** & **soil** pollution by industrial 076222
its combination with **air temperature** on gr- 078017
from soyabean seeds ageing at **various air** h- 077624
relative humidity & **air velocity.** [Storage]. 074253
Influence of different **air velocity** at mean & 074599
Regulating **air-water** system in a fine-grained 078805

AIRBORNE
filters in preventing **airborne dissemination.** 075806
Polarization: a key to an **airborne optical** s- 081847

AIRCRAFT
Worldwide studies on **aircraft disinsection** at 079951
exploitation of **aircraft** means in **field** crop 080941

AIZOACEAE
circumscription & classification of **Aizoaceae** 076951

ALANINE
Activities of aspartateand **alanine-amino-tra-** 074673
aminotransferase & **alanine aminotransferase** 077326
aminotransferase & **alanine aminotransferase** 077327
of aspartate & **alanine aminotransferases/** 074764
GOT/ EC 2.6.1.1 & **alanine** /GPT/ EC 2.6.1 074772
oxysporum fed with **alanine** in **presence** & a- 078888

ALAR
apples treated with **Alar** & **naphthalene** acet- 074250

ALATAE
Studies on flight behaviour of **alate aphids** in 079171

ALBIZZIA
hypocotyl callus tissue. [**Albizzia julibrissin]** 078097

ALCOHOL
Effect of **benzyl alcohol** on oestrous cycle of 075194
feruloyl-CoA reductase & **coniferyl alcohol** 077408
caused by air-drying & **alcohol dehydration** 076926
acids & steroids by **alcohol dehydrogenase.** 074557
Correlation between **alcohol dehydrogenase** 080430

ALDERFLY
Life history of **alderfly, Sialis** aequalis banks 080173

ALDERS
optimum growth of **black alder** in comparab- 076262

ALDICARB
Metabolism & residues of **temik aldicarb** pe- 080086
of several dosages of **Temik** 10 G for **control** 079681
Effect of **aldicarb** on **hatching** of Heterodera 079351
soils by small amounts of **aldicarb,** Du **Pont** 079238

ALDOLASES
of alpha amylase & **aldolase** in **glycogenic** b- 074771

ALDRIN
fate of [14Carbon] **aldrin** in **insecticide-resis-** 079645
effects on rates of **aldrin metabolism** in pea 078002

ALEURONE
of pentosan biosynthesis in **barley aleurone** 077884

ALEYRODIDAE
citri (Ashmead) (Homoptera: **Aleyrodidae)** 079810
on scale insects & **Aleyrodidae** on **citrus.** [G- 079813

ALFALFA
Diurnal variation in **alfalfa** (Medicago sativa 077651
isozymes of chorismate mutase in **alfalfa.** 077698
Mineral nutrition of **alfalfa.** 7. 077795
Composition of **alfalfa** (Medicago sativa L.) 077914
Lucerne research in Europe. [**Alfalfa**]. 078527
cause of reducing productivity of **alfalfa.** [C- 079140
of lucerne pollinating wild bees. [**Alfalfa**]. 080446
Fertilizer use on **alfalfa.** 081486
persistence of grasses grown with **alfalfa.** [B- 081524
Soil microorganisms **affect alfalfa.** [Nemato- 079276
oats, four perennial grasses & **Beaver alfalfa** 078329
Experiences with **breeding alfalfa** in USSR. 077115
on establishment of **alfalfa** & **bromegrass** on 081358
a pest of **alfalfa** new to **Canada.** 079698
Alfalfa clones... Indicators of air pollution. 079224
Production of **alfalfa** & **clover** seeds in Pola- 078383
intake of irrigated first-**crop alfalfa** hay. [S- 074856
You can lose a third of your **alfalfa crop.** 078354
methods on productivity of **alfalfa** in **crop** ro- 081715
Breeding of clover & **alfalfa** in **Czechoslovak** 077117
in Medicago sativa. [**Alfalfa, Ditylenchus** di- 079308
overnight losses in harvested **alfalfa forage.** 077651
perennial grasses & Beaver **alfalfa grown** al- 078329
exudates of gnotobiotically **grown alfalfa.** 079312
yield & overnight losses in **harvested alfalfa** 077651
intake of irrigated first-crop **alfalfa hay.** [S- 074856
Improving alfalfa seed culture. 078510
Temperature **influences alfalfa** yields. 078323
of Rhizobium meliloti. [**Alfalfa, inoculation]** 077813
You may be feeding your **alfalfa** to **insects.** 079714
Link for **alfalfa** & their **interaction** with bac- 078897
capacity of cotton & **alfalfa** in **Karakalpak** r- 081517
Feasibility of **alfalfa** on **Molokai.** 078293
Control of insects on **alfalfa** & **red** clover. 079732
Role of **alfalfa** in **rice** crop rotation system. 078565
planting dates for **alfalfa** & **sainfoin.** 078563
Interaction of **alfalfa saponins** with compon- 077696
Potential for **alfalfa seed** production in prair- 078327
Improving **alfalfa seed** culture. 078510
Production of clover & **alfalfa seeds** in Czec- 078386
Influence of **alfalfa stand** patterns & nitrog- 081524
New insect pest **threaten alfalfa.** [Otiorhyn- 079730
Alfalfa varieties for Wisconsin. 078249
New **alfalfa varieties** for irrigated cultivation 078512
Alfalfa variety performance trial 1970--1972 078359
How to choose an **alfalfa variety.** 078470
Alfalfa variety test. 078487
Temperature influences **alfalfa yields.** 078323

ALGAE
displacements of cell organelles. [**Algae**]. 077280
freshwater plankton & its medium. [**Algae**]. 077301
in physiology of blue-green bacteria (**algae**): 077433
in physiology of blue-green bacteria (**algae**): 077434
Class notes: **Algae.** 2. 077612
two analogs on five species of **algae.** [Herbic- 079597
formation in blue-green **alga, Anabaena.** I. 076940
produced by a blue-green **alga, Anabaena** flos 077339
mutation in blue-green **alga Anabaena** doliol- 077467
development in blue-green **alga Anabaena** a- 077481
in nitrogen-fixing blue-green **alga Anabaena** 077544
synthetases of blue-green **alga, Anacystis** ni- 077325
of trichome-migration of **bluegreen algae.** 079423
Alginate lyase in **brown alga** Laminaria digi- 077268
species of Corallinaceae (**calcareous algae**) of 076808
Algae, Chara & Cladophora: problems they 079433
of hexose oxidase from red **alga Chondrus** cr- 077361
effects on littoral **algal communities** in inner 079296
I. Nutrition study of food with **algae content** 073763
pillars by sessile animals & **algae** from **coral** 076837
Reparational systems in **Cyanophyta algae--** 077102
certain species of marine **diatomaceous algae** 077472
regulation of halophilic **alga Dunaliella** parva 077534
of present utilizations of **algae, future** prosp- 076588
Pattern formation in blue-**green alga,** Anaba- 076940
tRNA synthetases of blue-**green alga,** Anacy- 077325
of glucose by unicellular blue-**green algae.** [077331
activity in heterocystous blue-**green algae.** [077333
produced by a blue-**green alga,** Anabaena flos 077339
replica-plating, filamentous blue-**green algae** 077341
heterocyst development in blue-**green alga** 077481
in nitrogen-fixing blue-**green alga** Anabaena 077544
Algae from **Gunong** Jerai (Kedah Peak), Ma- 076682
in osmotic regulation of **halophilic alga** Dun- 077534
Alginate lyase in brown **alga Laminaria** digi- 077268
Pollution effects on **littoral algal** communiti- 079296
on chemistry & **algae** of two **Michigan** lakes 081746
Use of **micro-algae** in human nutrition. I. N- 073763
Algal microflora of a string mire in relation 077384
crystals from a blue-green **alga, Phormidium** 077539
of hexose oxidase from **red alga** Chondrus cr- 077361
Histones from **red alga,** Rhodymenia palma- 077402
Plant wastes on **algae** in New **River,** Virginia 077379
present in cell walls of **alga Scenedesmus** ob- 077371
Zonation of **algae** & **sessile** invertebrates in 076838
Notes on two **algae** of **small** bodies of water 076626
systems in Cyanophyta **algae-- study** of mut- 077102
A preliminary study of **algae** in **tobacco** beds 077605

ALGICIDES
Algicidal effect of chemical substances. 080115

ALGINATES
Alginate lyase in brown alga Laminaria digi- 077268

ALIMENTARY
Alimentary canal: a review (1971-1972). [V- 075459
lesions on a **conditioned alimentary** response 074510
Alimentary mycotic lesions in cattle: a histo- 075731
Self-selective alimentation a new experimen- 073750

ALISMATACEAE
Studies in **Alismataceae.** Ii. Inflorescences of 076912
Sagittaria natans x sagittifolia. 076785

ALKALI
southern pine soda pulps by oxygen & **alkali** 076528
model compounds with oxygen & **alkali.** [W- 076538
of digested & undigested **alkali lignins** & un- 074980
of potassium & other **alkali metals** by isolat- 080667
oil refining process. I. **alkali refining.** 074296
Surface drainage methods for **saline-alkali** s- 081643
with actual gypsum needs of **alkali soils** of 081139
Alkali supply by percolated water from envi- 076851
Effect of milling & **alkali treatments** on acc- 076476
Fibril rings in **alkali-urea** treated polytene 080278

ALKALINE
in liquor analyses in **Canadian alkaline** pulp 076510
Salinity & **alkalinity conditions** in Quibor 081016
Observations on **alkaline phosphatase** activi- 074784
Production of **alkaline phosphatase** & secret- 075602
of peroxidase & **alkaline phosphatase** in mig- 075604
Determination of **alkaline phosphatase** in bl- 076099
Isolation of **alkaline proteinases** from Asper- 077362
Effect of acid, saline & **alkaline soils** on crop 081534

ALKALOIDS
Distribution of **alkaloid bearing** plants of fl- 076769
a new **bisbenzylisoquinoline alkaloid** from T- 077399
Alkaloids of **Catharanthus** longifolius (Pich- 077527
Genetic study of **alkaloid content** in lupine. 077247
Alkaloids from **Courbonia** glauca rhizome. 077511
Alkaloids of **cranberries.** 078027
accumulation of **alkaloids** in **culture** of stem 077576
alkaloids. III. **Alkaloids** of **Cynometra** anan- 077600
Distribution of **alkaloids** in **different** Genist- 077529
Accumulation of **alkaloids** in **different** organs 077578
Pichon) Pich.: Isolation of a **dimer alkaloid,** 077527
Content of **alkaloids** in **galls** of Cacalia hast- 077586
Isolation & chemistry of **alkaloids** of **genus** 078147
Alkaloids from **Hunteria** eburnea, eburnaph- 077603
LVIII. Isolation & **identification alkaloids** f- 078147
Imidazoline alkaloids. III. Alkaloids of Cyn- 077600
content of **alkaloids** in **interspecific** hybrid 076977
on biosynthesis of **alkaloid ismine.** [Sprekel- 077602
Alkaloids of **Laganiaceae:** isolation of new a- 077552
species of Asia. XXIII. **alkaloids** of **leaves** of 077551
Alkaloids of **Loganiaceae:** On isolation of ha- 077524
Structures of some of **minor alkaloids** of Ce- 077441
Studies on **Orchidaceae alkaloids.** XXXIV. 077971
Alkaloids & polyphenols of Leguminosae. X- 077529
Detection of **alkaloids & quantitative** determ- 078215
Alkaloids of **Rauwolfia** suaveolens. 077507
New **alkaloids & related** artifacts from Cycl- 077439
Alkaloids of **Solanum** ecuadorense. 077557
Alkaloids of **Stephania** hernandifolia. V. Str- 077388
Ivory Coast. XI. **Alkaloids** from **Strychnos** 077317
isolation of new **alkaloid** from **Strychnos** us- 077552
on breeding of low-**alkaloid** & low-**tar** tobac- 077030
Alkaloids of **Thalictrum** minus. 077389
Isolation of a dimer **alkaloid, vindolicine.** 077527

ALKANE
oxidation of n-**alkanes** & their **derivatives.** 077422
acids from n-**alkanes** & their **derivatives.** 077423
Specific inhibition of **alkane synthesis** with 077999

ALKYL
Alkyl 3,7,11-**trimethyl**-2,4-dodecadienoates, 079643

ALKYLATION
Action of **alkylating drug** MD-2 on amount 075990

ALLELE
glycerophosphate **dehydrogenase alleles** in 080430
in distribution of B blood **group alleles** of ch- 074674
in action of R & B **alleles** in **maize.** 077042

ALLERGY
Diagnostic significance of use of **allergens** (075856
treatment of inhalant **allergic dermatitis** wi- 075896
of Fasciola hepatica ofr **allergic diagnosis;** p- 075672

ALLIUM
of kinetin on permeability of **Allium cepa** ce- 078123
of upper epidermal cells of **Allium cepa** with 078153
short-day onion varieties (**Allium cepa** L.) in 078167
Daucus carota L.) & onions (**Allium cepa** L. 079469
Control of wild onion (**Allium candense**), wi- 079579
of some cultivated species of **genus Allium** L 076907
Germination of pollen from **Allium porrum** 077984
cell division in meristem of **Allium sativum** 076897

ALLUVIAL
soils in Tohoku District. 1. **Alluvial paddy** s- 081118
soils in Tohoku District. 2. **Alluvial paddy** s- 081122
of soil developed on **alluvial plains** between 081015

ALLYLISOTHIOCYANATES
Preservation of blood by **allylisothiocyanate** 074060
drying with **allylisothiocyanate** on **animal** o- 075073
drying with **allylisothiocyanate** on **animal** o- 075074

ALMONDS
Winter chilling requirements of **almond.** [D- 078179
U.S. **Almond exports** to expand. 073227
of peach trees & **almonds** during **growth** per- 078187
potassium in **almonds** & in **kernels** & flesh of 078067
a nuclear polyhedrosis virus of **almond moth** 080334
problematics of a crop: **almond tree.** [Prunus 078616
on flowering date in **almond varieties.** 078182

ALNUS
middle, & southern Europe [**Alnus glutinosa** 076262

ALOPECURUS
cycocel in control of **Alopecurus agrestis** in 079464
nutritive value. [**Alopecurus arundinaceus,** 079042

ALPINE
mineralogical composition of **brown alpine-f-** 081023
Alpine farming: a study of problems associa- 080904
Bigorre (Hautes-Pyrenees) at **higher alpine** 076873
distribution & dominant in **Japanese alpine** 076851
Amount of micronutrients in **primary alpine** 081255
Raising of livestock in **Alpine region.** [Cattle 074394
shoots of Anemone crinita in **alpine regions** 076937

ALSIKE
on seed production of red & **alsike clover** & 078337

ALTERNARIA
of poplar incited by **Alternaria alternata** (FR 078987
Comparative effects of **Alternaria alternata** 079052
zonalis. [Farlucca **filum, Alternaria** tenuissi- 079113
of toxin, altenuisol, from **fungus, Alternaria** 077599
to browning. [**Alternaria tenuis**]. 078978
to desease severity. [**Alternaria tenuis**]. 079089

ALUMINUM
Rothamsted. II. Response to **aluminium.** 077765
Effect of **aluminium** on **growth** & chemical c- 077687
Effect of **aluminium** & **manganese** on flue-cu- 077901
Influence of **aluminium** on **phosphate** sorpti- 077688

AMANITA
in single mushrooms of **Amanita phalloides.** 077438
Claudius case. [**Amanita phalloides,** Citrullus 079468

AMANITINS
Localisation of alpha-**amanitin-sensitive** R- 077548

AMARA
Z. Kaszab in Mongolia. 291. **Amara species** 080613

AMARANTHUS
Amaranthus x **soproniensis** Priszter et Karp- 076761

AMARYLLIS
Hybrid Amaryllis: to breed in, or out, or bo- 077143

AMBLYOMMA
methods. [**Amblyomma americanum**]. 080346

AMBROSIA
Ambrosia artemisifolia L. in Far East & pro- 079553
dimethoxyflavone from **Ambrosia eriocentra** 077512

AMELANCHIER
of serviceberry, (**Amelanchier canadensis**). 078863

AMETRYNE
method for analysis of **ametryne, prometone** 079425

AMIDES
Effect of dry **amide beet** pulp on health & m- 075169
chemosterilants. XII. **Phosphorus amides.** 079646

AMINES
Amine excretion in excysted larvae & adults 075677
on recombination near **amination**-1 **locus** of 077026

AMINO
Plasma nonessential ao essential **amino acid** 073708
of soybean protein & an **amino acid** mixture 074165
A comparison of **amino acid** & nitrogen con- 074204
Recovery & **amino acid** composition of prote- 074207
Amino acid composition of some domestic v- 074233
Amino acid oxidation & plasma **amino acid** 074651
hydrochloric acid] in minimizing **amino acid** 074748
absorption in vitro from copper **amino acid** 074845
Factors affecting sulfur **amino acid** requirem- 074917
Opague-2 & normal corn as **amino acid** sour- 074953
of Zea mays. I. Fibre, lignin & **amino acid** c- 074979
Essential **amino acid** levels for starting turk- 075052
Effect of age on lysine & sulfur **amino acid** 075058
tannin contents for chicks. 2. **Amino acid** di- 075065
inhibition by polyamines & poly(**amino acid** 075638
ransomi-infection on intestinal **amino acid** a- 075983
of free tryptophan on automated **amino acid** 077567
On **amino acid** & carbohydrate composition 077607
Changes in **amino acid** composition of prote- 077752
II. Hourly fluctuations in **amino acid** compo- 078080
Amino acid composition of spider silk. [Arn- 080281
effects on hemolymph free **amino acid** pool 080398
Composition of **amino acids** in different malt 073816
technique for analysis of **amino acids** & rela- 073874
antioxidant effects of some **amino acids** upon 073923
Amino acids composition of rye grain, sieved 074230
Partial replacement of sulfur **amino acids** in 075047
Dry feeds & supplement of **amino acids** in f- 075070
of selection for content of **amino acids** on p- 077166
On question of free **amino acids** in freshwat- 077301
Exchange of proteins & **amino acids** of wheat 077632
Influence of etiolation on **amino-acids** from 077918
amount of sugars & **amino acids** in leaves of 077939
Amino acids in bleeding sap of grapevine. I. 078079
Amino acids in bleeding sap of grapevine. II 078080
absorption & metabolism of **amino acids** in 078099
Dynamics of carbohydrates & **amino acids** in 078187
Exchange of proteins & **amino acids** of wheat 079411
Free **amino acids** in haemolymph & venom of 080221
Effect of dietary **amino acids** on size & alary 080315
bovis De Geer integument for **amino acids** t- 080381
Modifications of content in free **amino-acids** 080432
Decarboxylation of aromatic **amino acids**-1- 081220
study of availability of **amino acids** & effecti- 075145
Water-soluble proteins & free **amino acids** in 075873
Activities of aspartateand **alanine-amino-tra-** 074673
Decarboxylation of **aromatic amino** acids-1- 081220
of free tryptophan on **automated amino** acid 077567
on keratose level & **aminoacid composition** 074701
absorption in vitro from **copper amino** acid 074845
Effect of **dietary amino** acids on size & alary 080315
Plasma nonessential ao **essential amino** acid 073708
Essential amino acid levels for starting turk- 075052
Water-soluble proteins & **free amino** acids in 075873
On question of **free amino** acids in freshwat- 077301
Metabolic pool of **free aminoacids** in muscles 080204
Free amino acids in haemolymph & venom of 080221
Radiation effects on hemolymph **free amino** 080398
Modifications of content in **free amino-acids** 080432
Radiation effects on hemolymph **free amino** 080685
ransomi-infection on **intestinal amino** acid a- 075983
hydrochloric acid] in **minimizing amino** acid 074748
Factors affecting **sulfur amino** acid requirem- 074917
Partial replacement of **sulfur amino** acids in 075047
Effect of age on lysine & **sulfur amino** acid 075058
of aspartateand alanine-**amino-transferase** s- 074673
hemogram), proteins & **amino transferases** in 074695

AMINOACYL
of three Euglena **gracilis aminoacyl**-tRNA s- 077545
of tRNAs & **aminoacyl-tRNA** synthetases of 077325

AMINOLAEVULIC
treated with delta-**aminolevulinic acid.** 077835

AMINOTRANSFERASES
of aspartate & **alanine aminotransferases**/ 074764
aminotransferase & **alanine aminotransferase** 077326
aminotransferase & **alanine aminotransferase** 077327
of activity of **aminotransferases** of **aspartate** 074772
Aminotransferase in three **last** larval instars 080335

AMITROLE
in wheat shoots treated with **aminotriazole.** 077626
Fighting quackgrass with out **amitrol.** [Agro- 079522

AMMI
cells & protoplasts of **Ammi visnaga.** 076891

AMMONIA
Effect of **atmospheric ammonia** stress on Le- 074387
Use of **ammonia** for **direct** fertilizing accom- 081281
I. Metabolism of urea & **ammonia** in **heifers** 074706
of determination of **ammonia** as an **index** of 073571
Review article phenylalanine **ammonia lyase** 077523
Steric course of tyrosine **ammonia-lyase** rea- 077848
properties of phenylalanine **ammonia-lyase** 078136
Phenylalanine & tyrosine **ammonia-lyase** act- 079344
Effect of **nitrogen-ammonia** on atmospheric 077315
of nitric nitrogen & **ammonia nitrogen** in ag- 078268
Ammonia vs. molds in corn. [Aspergillus fla- 078893

AMMONIFICATION
Studies on **pressure ammonification** of feeds- 074319
Viscosity of **ammoniated slurry** from wet-pr- 081396

AMMONIUM
nitrogen in relation to **applying ammonium** 078150
during glucose & **ammonium assimilation** in 077342
increased rates of **ammonium carbonate** on 077887
Harmful effect of **ammonium ion** on mineral- 081127
Use of **ammonium perchlorate** in fattening 074992
Effect of **ammonium polyphosphate** on grow- 077633
but containing urea & **ammonium salts** as on- 074925
Using **ammonium salts** in feed rations of tu- 074993
acid & (2-chloroethyl) **trimethyl-ammonium** 078095

AMNIOTIC
of premature discharge of **amniotic fluid** on 076105

AMPHETAMINES
study of pharmacokinetics of **amphetamine.** 074783

AMPHIDIPLOIDS
froms of wheat: **Agropyron amphidiploids** (077213
of three-species wheat-**rye amphidiploids.** 077201
in production of **variable amphidiploids.** 077079

AMPHIMALLON
in New York. [**Amphimallon majalis**]. 079835

AMYGDALUS
of a crop: almond tree. [**Prunus amygdalus**] 078616

AMYLASES
Differences in beta-**amylase activity** between 077038
Activity of alpha **amylase & aldolase** in glyc- 074771
Generation of alpha-**amylase** in **germinating** 077847
Gibberellic acid & alpha-**amylase induction** 077898

AMYLOLYSIS
dioxide] uptake **& amylolytic activity.** 077839
Some effects of beta **amylolytic degradation** 074339
Amylolytic enzyme preparations in feeding 075171

ANABAENA
formation in blue-green **alga, Anabaena.** I. 076940
produced by a blue-green **alga, Anabaena** flos 077339
mutation in blue-green **alga Anabaena** doliol- 077467
development in blue-green **alga Anabaena** a- 077481
in nitrogen-fixing blue-green **alga Anabaena** 077544
Nitrogen fixation by **Anabaena cylindrica.** I. 077335
blue-green algae. [**Anabaena doliolum,** Nost- 077341

ANABOLIC
A hormone **free, anabolic** hormone for rumi- 075024

ANACARDIACEAE
of fruit in tropical America: **Anacardiaceae.** 076673

ANACYSTIS
synthetases of blue-green **alga, Anacystis** ni- 077325

ANAEROBES
sp. n., an **anaerobic mycoplasma** from bovine 074635
conditions with **partial anaerobiosis.** [Crepis 077219
Effect of **anaerobiosis** on **respiratory** rate, c- 077768

ANAGASTA
release in flour moth **Anagasta kuehniella** (080412

ANAL
rectum & opening an **artificial anus** on right 075521
Ultrastructure of **anal papillae** of a salt-wat- 080316

ANALOGS
butyl phthalate & its **analogous compounds** 077932
Effects of **ecdysone analogues** on developme- 080319
Juvenile **hormone analogs** as in vitro inhibit- 074639
Activity of two juvenile **hormone analogues** 079633
effects of two juvenile **hormone analogues** on 079636
Studies with a juvenile **hormone analogue** for 079968
Juvenile **hormone analogs** as in vitro inhibit- 080082
with thiophanate ethyl & its **methyl analog-e.** 079306
of metribuzin & two **analogs** on five **species** 079597

ANAPHYLAXIS
I. Serum antibodies & **anaphylactic shock** in 076111
histamine levels & **anaphylactic shock** in gu- 076112

ANAPLASMA
responses in calves with **anaplasmosis.** [Ana- 075616

ANASTOMOSES
ovaries in sheep. [**Surgical anastomosis**]. 075449

ANATOMY
meneghiniana Kutz. III. frustule. [**Anatomy**] 076938
system of Trapa natans L. [**Anatomy**]. 076988
Morphological & **anatomical anomalies** found 080439
on **anatomy** of **brown** nutsedge (Cyperus rot- 079501
Anatomical characteristic features of supert- 076978
Morphological-**anatomical characteristics** of 076888
importance of **anatomical characters** in Lim- 076664
Some **anatomical characters** of diand tetrap- 076935
Comparative anatomical study of vegetative 076948
A **comparative anatomy** of insect head. IV. 080401
Anatomy of **compound** eye of Periplaneta a- 080303
Morphological & **anatomical dagnostic** featu- 076967
Morphological & **anatomical diagnostic** feat- 076968
Populus tremuloides, **anatomy, histology**]. 076916
Leaf anatomy in subfamily Eragrostoideae. 076950
Morphological-anatomical characteristics of 076888
Anatomy of a **root** gall of Lycopersicon pim- 079345
Biology & **anatomy** of **Scarabaeus** semipunc- 080501
Anatomic structure, hydration of tomato lea- 076959
Anatomic structure of melon seeds. 076984
Change in **anatomic structure** of Salix trunk 076999
Anatomic structure, hydration of tomato lea- 078091
On significance of **anatomical studies** for a 076478
Comparative **anatomical study** of vegetative 076948
Comparative & **topographical anatomy** of f- 074672
Contribution to **topographical anatomy** of a- 074761
Vascular anatomy of uterus & ovaries & uni- 075449
of its osseous remains. V. **anatomical view** of 074682
Wood anatomy of certain phanerophytes of 076489
Wood anatomy of stem, branches & roots of 076962

ANCISTROCERUS
Mason-wasp: **Ancistrocerus claripennis** (Th- 080535

ANDROGEN
Androgen content of testis during sexual de- 075444

ANDROPOGON
their pure stands. [**Andropogon gayanus**, Di- 078342

ANEMIA
Prophylaxis of **hypoferrid anaemia** in suckli- 076034
Equine **infectious anemia.** 075578
oral prophylaxis of **anaemia** in **suckling** pigl- 076035

ANEMONES
of monocaspic shoots of **Anemone crinita** in 076937

ANESTHESIA
Physiologic changes **affecting anesthetic** ma- 075551
Effect of **anesthetic agents** on cardiovascular 075546
Methoxyflurane in small **animal anaesthesia** 075537
Anesthetic considerations for patient with c- 075552
Use of steroid **anaesthetic CT** 1341 in birds. 075567
Respiration & **general anesthesia.** [Animals] 075549
Anaesthesia in **horses.** 075462
Anesthetic management & recovery of large 075544
Anesthetic management of patient with tra- 075547
Anesthetic management of cesarean section. 075553
Anesthesia for **patient** with acquired & cong- 075545

ANESTRUS
dry sheep during **seasonal anoestrus.** 075278

ANETHUM
On organogenesis of **Anethum graveolens** L. 077002

ANEUPLOIDS
of tassel in maize caused by **aneuploidy.** 077090
frequency of triploids & **aneuploids** in **barley** 079168
Aneuploidy & **nature** of disturbances of mei- 077213
mutations & **aneuploidy** in **research** & breed- 077235
Aneuploidy in **seed** progeny of allopolyploid- 077204
Aneuploidy in **tur** (Cajanus cajan (L.) Millsp 077159
eupolyploids & **aneuploids** in **wheat** & barley 077711

ANGIOSPERMAE
Sexuality of **angiosperms.** 076964
Sex & **angiosperms.** 076986

ANHYDROUS
insaponifiable fraction of **anhydrous milk** fat 073950

ANILINES
for preserving fluorescence of **aniline blue** in 076994
staining of callose by **aniline blue** & lacmoid 076997

ANIMALS
new law for protection of **animals".** 073415
hypothesis for care & custody of **animals.** 073544
Liver function: a review. [**Animals**]. 074549
hide of cattle in relation to age of **animals.** 074830
Pollution & genetic derivative. [**Animals**]. 075227
new law for protection of **animals".** 075470
of vasectomy in different species of **animals** 075509
in New Zealand. 2. Health of **animals.** 075524
for assessing new therapeutics. [**Animals**]. 075540
Intensive care of surgical patient. [**Animals**] 075543
function & cardiac rhythm. [**Animals**]. 075546
cardiopulmonary resuscitation. [**Animals**]. 075548
Respiration & general anesthesia. [**Animals**] 075549
in acute & chronic renal failure. [**Animals**]. 075550
in gastrointestinal obstruction. [**Animals**]. 075551
nervous system dysfunction. [**Animals**]. 075552
of viruses pathogenic to **animals** [Livestock] 075846
hereditary diseases of **animals.** V. Skin, cent- 076018
in metabolism of magnesium in **animals.** 076030
pathogenic to plants & **animals.** 075635
Methoxyflurane in small **animal anaesthesia** 075537
Dermatomycosis in fur-**bearing animals.** [Ch- 075668
distemper. [Dogs, fur-**bearing animals**]. 075800
fleas & ear mites in fur **bearing animals.** [Si- 080014
Study of **animal bones** from excavations of 074691
Waste removal: **Animal carcass** disposal. [L- 073428
A report from Small **Animals Centre** for ye- 075456
Counter-sensitizing of **animals** with **chronic** 075526
Animal depredations on spot-seeded yellow- 076215
Effect of **dietary animal** tallow & vegetable 075049
in chemoprophylaxis of **animal diseases.** 075105
Noise: effects on **domestic animals.** 074634
in intestines of newborn **domestic animals.** 074684
in male & female **domestic animals.** 075243
of spermatozoa in **domestic animals.** I. Obs- 075298
translocation of non-**domestic animals.** 075541
cordis congenitus) in **domestic animals.** II. 076046
preparation. [Poisoning, **domestic animals**]. 076107
rhodesiense from game & **domestic animals** 075595
Did wild **animals domesticate** man. 074415
II. Specialized **animal experimentation.** [Sc- 080424
Efficiency of inter-**farm animal** industry ass- 072828
on nitrogen metabolism in **farm animals.** 074815
Use of manure from **farm animals** for feed & 075124
Value of **animal fat** in feed mixtures for bac- 075103
valuation of fats used in **animal fattening.** [073264
metabolism in high saturated fat **fed animals** 074632
on quality of forage for **animal feed** protecti- 081284
for improvement of corn for **animal feeding** 078496
of fire on plants & **animals** of a **Florida** wet- 076818
Antirabies vaccination of **animals** in **France** 075824
of clinical infections in **grazing animals.** 075914
condition of **animal** & some **haematological** 074813
medicine in New Zealand. 2. **Animal health** 075530
Pasture feed & **animal health.** [Cattle]. 076129
Management of herds of **hoofed animals.** 074426
beef production in **animal husbandry** compl- 074473
Animal husbandry. [Reproduction]. 075388
Monitoring of critically **ill animal.** 075542
hepatica into recipient **animals immunised** a- 075829
Effects on economy of **animal improvement.** 073315
of production in **industrialized animal** produ- 072881
of veterinary science in **industrialized animal** 075534
Efficiency of inter-farm **animal industry** ass- 072828
Norm method of planning in **animal industry.** 072842
groups of young **animal industry** workers on 072975
On wages of workers in **animal industry.** 073142
Economy of expenditures in **animal industry** 073143
insurance serving socialist **animal industry.** 073144
of All-Union Institute of **Animal Industry.** 074474
Ethological problems of **animal industry.** 074476
for years 1966-1970. [**Animal industry**]. 074489
of genetic research in **animal industry** & pla- 075348
science in industrialized **animal industry.** 075534
of genetic research in **animal industry** & pla- 077189
for supplying hot water to **animal industry.** 080774
Problems of slaughter **animal insurance** in s- 073209
species of mammals. [**Laboratory animals**, li- 074570
serum from different **laboratory animals.** 075678
Parenteral infection of **laboratory animals** w- 075842
in experiments on **laboratory animals.** [swine 075961
of preservatives for **laboratory animals.** 076170
Usual & unusual **laboratory animals.** II. Sp- 080424
Intrathoracic surgery in **large animals.** 075455
Never export **live animals** for slaughter. [Sh- 073201
of mammals. [Laboratory **animals, livestock**] 074570
dry rednering. [Waste **animal material**]. 081825
acceptance of slaughter **animals, meat** & me- 073206
removal of slaughter **animals, meat** & meat 073604
acceptance of slaughter **animals, meat** & me- 073999
triamcinolone acetonide: an **animal model.** 075626
vitamin E in metabolism & **animal nutrition** 074913
concerning use of sugar in **animal nutrition.** 075077
How to beat drought. [**Animal nutrition**]. 075084
with allylisothiocyanate on **animal organism** 075073
with allylisothiocyanate on **animal organism** 075074
Bas-reliefs of **animals** at **Persepolis** from 50 076064
metabolic responses & **animal physiological** 074870
Giemsa staining techniques. [**Plants, Animals**] 074627
Main trends in **animal porduction** developm- 073519
Decline of **animal power** & rearing of solipe- 073297
Decline of **animal power** & rearing of solipe- 074444
in humans & **animals** at **present** time. 075818
Animal problems in grazing wheat & other 076142
in industrialized **animal production.** 072881
Development of **animal production** & world 073395
years with no progress? [**Animal production** 073558
investigations in **animal production.** 074384
new branch of large-scale **animal production** 074481
capacity of buildings for **animal production** 080710
New **animal protection** legislation. 073416
Animal protein in swine rations. 074938
Animal proteins in human nutrition. 073791
construction & operation of **animal quarters** 080794
Reducing capital intensity in **animal raising** 073096
leptospiral agglutinin of **animals** in **raising** f- 075864
Fasciola hepatica into **recipient animals** im- 075829
Some **animal relics** of interest in Central E- 080606
meat as a new branch of large-scale **animal** 074481
colonization of pillars by **sessile animals** & 076837
Environmental control in **animal shelters** us- 080739
delivery & acceptance of **slaughter animals,** 073206
Insurance of **slaughter animals** & marketing 073207
transportation of live **slaughter animals.** 073208
Problems of **slaughter animal** insurance in s- 073209
on delivery & removal of **slaughter animals,** 073604
delivery & acceptance of **slaughter animals,** 073999
A report from **Small Animals** Centre for ye- 075456
Methoxyflurane in **small animal** anaesthesia 075537
E.G. [Electro-encephalogram, **small animals**] 076080
Toad poisoning in **small animals.** [Ethiopia] 076163
State insurance serving **socialist animal** ind- 073144
Studies on **soil animals** in grassland. II. Age 081124
laboratory animals. II. **Specialized animal** e- 080424
Effect of dietary **animal tallow** & vegetable 075049
days of food hygiene: **Animal toxoplasmosis** 073670
Phycomycetes of man & **animals** in **tropical** 075671
Conditional-lethal mutants of **animal viruses** 075819
Animal waste sanitation & disposal. 074406
during dry rednering. [**Waste animal** materi- 081825
Did **wild animals** domesticate man. 074415
in professional groups of **young animal** indu- 072975
Young animals in perintal & postnatal perio- 074814

ANIONS
spectra of chlorophyll a **anion & cation.** 077311
ingubitors, abd other **anions & cstions.** [Bar- 077853
Anion transport in beef adrenal cortex mito- 074624

ANKISTRODESMUS
in **Ankistrodesmus braunii.** 077332

ANNUALS
in roots & bleeding sap of **certain annuals.** 077609
formation in some **annuals** of **Compositae.** 076952

ANOBIIDAE
Notes on **Anobiidae** (Coleoptera). LXI-LXI- 080644

ANOPHELES
anopheline mosquitoes. [**Anopheles**]. 079984
vero cell cultures. [Aedes, **Culex, Anopheles** 080246
infection of **Anopheles gambiae** & Culex pip- 080004
in California. [Insect **vectors, Anopheles**]. 079983

ANOPLOCEPHALIDAE
effectiveness against tapeworm **Moniezia sp.** 075949

ANOXIA
SEE HYPOXIA

ANTENNA
Morphology & histology of **antenna** of **male** 080216

ANTHELMINTICS
mode of action of some **anthelmintics.** [Live- 075718
Anthelmintics. 075876
Anthelmintic efficacy of cambendazole agai- 075618
mebendazole as an **anthelmintic** in **horses.** 075903
activity of a new **anthelmintic preparation** b- 075845
control following **routine anthelmintic** treat- 075914
An **anthelmintic test** for gastro-intestinal n- 075785

ANTHERS
method of breeding by **anther culture** in tob- 077031
method of breeding by **anther culture** in tob- 077032

ANTHOCORIDAE
nemorum L.: **Heteroptera-Anthocoridae**) in 079871

ANTHOCORIS
of bark bug (**Anthocoris nemorum** L.: Heter- 079871

ANTHOCYANINS
survey of **anthocyanins** in **Leguminosae** II. 077377
Salix species: a new **anthocyanin** in **Salix** p- 078225

ANTHOMYIIDAE
varia soccata Rond (**Anthomyiidae:** Diptera) 079734

ANTHOXANTHUM
populations of **Anthoxanthum bodoratum** L. 077765
populations of **Anthoxanthum odoratum** L. 077764

ANTHRACNOSE
Anthracnose of **Arrhenatherum** elatius caus- 078998
Resistance to **anthracnose** in **genus** Nicotia- 079090
with pathogenesis in **melon anthracnose.** [C- 078908

ANTHRAX
anthrax in a mink farm. [**Bacillus anthracis**] 075765
swine erysipelas & **anthrax** in **experiments** 075961

ANTIBACTERIAL
SEE BACTERIA

ANTIBIOTIC
Antibiotics: How they act. 075669
Efficacy of **antibiotics against** experimental 075863
methods for using **antibiotics & biological** st- 075151
Effect of **antibiotics & chemicals** on parame- 080690
associated with **antibiotics & chemotherapy.** 075850
to **antibiotics** & their **combinations** of some 075964
Re-examination of **Destonate** 20 **antibiotic** in 075951
effects of **antibiotics** on **development.** 078121
resistance to **antibiotics** from **Escherichia** co- 079134
Comparison of two **antibiotic feeding** progr- 074905
response to a new **antibiotic--Flavomycin.** 074898
Potential for **antibiotics** & other **growth** sti- 074612
of different doses of **antibiotics** on **immunity** 075971
blood-to-milk transfer of **labeled antibiotics.** 075637
Antibiotics in **livestock** feed. 075702
On presence of **antibiotics** in **meat** of slaugh- 073592
Determination of **antibiotic mixtures** in ultra 073839
Antibiotics in **relation** to insect control. 079662
bacteria & their **antibiotic sensitivity.** [Pseu- 073681
Effect of **antibiotics** on **turkey** herpesvirus v- 075816

ANTIBODIES
Serology of foot-rot: **antibodies against** Fusi- 075641
Kenya). I. Occurrence of **antibodies against** 075657
Distribution of **antibody** to **bovine** adenovir- 075627
A suggested role for **colostral antibody** in e- 075660
Mortality, **antibody development,** & viral pe- 075620
Differential antibody response to somatic an- 077458
Identification by **fluorescent antibody** meth- 075777
response to indirect **fluorescent antibody** test 075843
as detected by indirect **fluorescent antibody** 075897
prevalence of Toxoplasma **gondii antibodies** 075631
of hemagglutination-**inhibiting antibodies of** 075584

responses. I. **Serum antibodies** & anaphylact- 076111
Heighth of **antibody titers** in livestock infec- 075932
A serological survey for **viral antibodies** in 075650
in Finland. III. Uukuniemi **virus antibodies** 075612

ANTIDOTES
Herbicides find a **helper--antidotes.** 079527

ANTIFUNGAL
SEE FUNGICIDES

ANTIGEN
Comparative study of **antigenic active** subst- 079094
isolated in Poland. II. **analysis antigenic** str- 075747
Antigens associated with a nuclear polyhedr- 080339
location of **babesial antigen** extracted from 075715
vaccinated with Escherichia **coli antigen** by 075614
response to somatic **antigenic determinants** 077458
Attempts to demonstrate a **"host antigen"** e- 075829
A deficiency & **antigen immunization** from 075609
Problem of **insoluble antigens** for identificat- 075802
Dynamics of **antigenic properties** of sperma- 075407
swine dysentery & **antigenic relationship** wi- 075915
Antigen-stimulated DNA synthesis in bursa 074509
Antigenic variability of re-combinations of 075933
comparative tests of **various antigens** of Fas- 075672

ANTILYMPHOCYTE
SEE LYMPHOCYTES

ANTIOXIDANTS
SEE OXIDANTS

ANTIPARASITIC
SEE PARASITES

ANTIRABIES
SEE RABIES

ANTIRRHINUM
pest of snapdragon (**Antirrhinum majus**). 079834

ANTIVIRAL
SEE VIRUSES

ANTS
of pheromone attractive to Pharaoh's **ants** 079989
Nidification in **ant Aphaenogaster** subterran- 080441
its development in neotropical **army ant** ge- 080396
F. by exocrine products of **ant Camponotus** 080404
adapted eyes of desert **ants, Cataglyphis** bic- 080352
Sectorial distribution of **ant columns** within 080462
an ant predator on Anomma **driver ants** (H- 080395
for control of imported **fire ants.** 079635
analogues on larvae of imported **fire ants.** [079636
Five species of **ant genus** Acanthomyops (H- 080561
biology of giant tropical **ant Paraponera.** 080394
from materials of their nests in **ant societies** 080180
of six trail pheromones of **ant species** Lasius 080273

AORTA
methenamine silver method for **staining aor-a** 074724

APANTELES
when parasitized by two species of **Apanteles.** 079805
Rearing of **Apanteles chilonis** Munakata on 079721
for development of **Apanteles chilonis** Mun- 080360

APERA
Recent results in control of **Apera spica-ven-** 079440

APEX
Breaking apical bud dominance in arvi corms 078029
Study of **apical cones** of wheat varieties diff- 077948
Potato virus X in potato **apical meristems.** 079145
Apical & other **responses** of tissues of avoca- 078646

APHAENOGASTER
Nidification in **ant Aphaenogaster** subterran- 080441

APHANOMYCES
laevis & Aphanomyces cochlioides. [Sugar b- 079114

APHELENCHOIDES
Plant, **Aphelenchoides blastophthorus**]. 079348

APHIDIDAE
group (**Homopters, Aphididae**) from Afghan- 080484
Bibliography of **Aphididae** of **world.** 080365

APHIDINA
cells of Pemphigus bursarius L. (**Aphidina**). 079882

APHIDS
A fugue for **aphids.** [Crop pests, India]. 079679
on hibernation of pea **aphid Acyrtosiphon** pi- 079624
Studies on flight behaviour of **alate aphids** in 079171
East African strains of cowpea **aphid-borne** 079151
of evaluation results. [**Aphid control,** parasi- 079649
pests. [Leptinotarsa **decemlineata, aphidae,** 079761
Data on study of **dendrophilic aphids** (Hom- 080480
of insecticides for **aphids & flower** thrips co- 079840
New species of **aphids** of **Macrosiphonini** gr- 080484
of Entomophtora spp. in **mummified aphids** 080338
Integrated control against **peach aphid** in 1 079766
Spring populations of green **peach aphid** on 079803
On role of parasites of **aphids & possibilities** 079631
of barley leaves by **aphid Rhopalosiphum** m- 079740
Aphid stylet transmission of poly-1-ornithine 079207

APHIS
size & alary polymorphism of **Aphis fabae.** 080315
on damage potential of **Aphis gossypii** Glov- 079832
of infestation of **Aphis spiraecola** Patch bet- 079849

APHODIUS
from North Norea. [**Onthophagus, Aphodius** 080465

APIARIES
in untreated & fumagillin **treated apiaries** in 080659

APICULTURE
Notes on **apiculture.** 080678

APION
Ecology of artichoke **apion, Apion** carduroum 080183
A new species of **genus Apion** [Tschernovi] 080656

APIONIDAE
SEE CURCULIONIDAE

APIS
SEE BEES

APOCARPY
SEE CARPEL

APOCYNACEAE
in **Apocynaceae** from **madagascar.** 076604
Cyclitols of **Vinca rosea** & Amsonia elliptica 077510

APOIDEA
forests in Slovakia (**Hymenoptera, Apoidea**) 080608
Mexico (insecta, **Hymenoptera, Apoidea**). 080633
India (Insecta, **Hymenoptera, Apoidea,** Me- 080634

APPENDAGES
On morphology & **sex appendages** of whirlig- 080160

APPLES
fruit farm-an essay on mangement. [**Apples**] 072907
aspects of Cox's Orange Pippin. [**Apples**]. 073037
on land previously cropped with **apples.** 077996
cultivar on yield & fruit quality of **apples.** 078069
of irrigation on growth & yield of **apples.** 078072
on results of storage experiments. [**Apples**]. 078638
of Cox's Orange Pippin. [**Apples**]. 078689
fruit farm-an essay on mangement. [**Apples**] 078764
on land previously cropped with **apples.** 079240
s Orange Pippin: plant protection. [**Apples**] 079281
Bitter pit in **apples:** effect of calcium on pe- 079329
L.) with specific granulosis virus. [**Apples**]. 079861
on initial yield & fruit size of **apples.** [Fertil- 081398
British apple & pear growing & Common 073239
low temperatures, [Peaches, **cherries, apples** 073633
soil fumigation on growth of **apple** & **cherry** 077996
of iron chelate in control of **apple chlorosis** 079323
spray calender for **commercial apple** & peach 079335
on early bearing of vigorous **apple cultivars** 078743
free Golden Delicious type **apple cultivars.** 078832
Future of **apple culture.** 073438
storage of Richard **Delicious apples** treated 074250
structure of peel of Golden **Delicious apple.** 078071
fruit quality of Golden **Delicious apple** on 078740
Modern **apple disease**--physiological stains. 079407
Apple embryo dormancy in relation to ther- 078106
Breaking of dormancy of **apple embryo** (Pir- 078143
on permeability changes in **apple fruit** tissue 079329
potassium, in Merton **apple fruits.** 078001
A new concept in **apple growing.** 078666
modern mechanization in **apple harvesting.** 080896
Badajoz) during 1971. [**Apples, insect** pests] 079780
Integrated pest management of **apple insects,** 079811
metabolism of amino acids in **intact apple** s- 078099
Weed control efficiency in **apple intensive** p- 079459
of fertilizers on yield of **Jonathan apple.** 081397
potential relationships in **apple leaves.** 078059
nutrition of **apples** with **magnesium.** 079324
magnesium, & potassium, in **Merton apple** f- 078001
Control of **apple mildew.** 079082
Modern apple disease--physiological stains. 079407
Feasibility of unit trains for **moving apples** 073326
Weed control in **apple orchards** with some 079488
Laspeyresia pomonella L.) in **apple orchards** 079797
Acarina, Hetorostigmata) in **apple orchards** 079866
some Acarina populations in **apple orchards** 079867
Production potential of **apple** & **pear** trees in 078636
Rootstocks for **apples & pears.** 078725
Cleft-grafting. [**Apples, pears**]. 078856
1973 **Apple pest** control. 079214
Peaches, cherries, **apples, plums**]. 073633
of some chemical substances. [**Apples, plums**] 078749
Peaches, cherries, **apples, plums**]. 080094
Polyploid apple & pear varieties. 076993
Intensification of **apple production** (literatu- 078732
Apple rootstock studies: growth & cropping 078672
Venturia pirina) (Bref) Aderh & **apple scab** 078923
Apple scab. [Fusicladium dendriticum, Vent- 079069
abscisic acid on stratification of **apple seeds** 077969
xylem sap from apple trees on **apple shoot** 078057
of amino acids in intact **apple stem** tissue. 078099
on behaviour of **apples** during **storage.** 073616
storage of Richard Delicious **apples treated** 074250
Experimental mutagenesis of **apple-tree.** I. 077085
magnesium of "Golden delicious" **apple tree** 077994
properties on development of **apple-tree** root 078149
of actin-resistant tissues of **apple tree** bark 078191
variety & virus complement on **apple tree** g- 079181
properties on development of **apple-tree** root 081182
Effect of fertilizers on **apple tree** yield. 081491
of cytokinins in xylem sap from **apple trees** 078057
Apple trees from flora of east Asia in Apshe- 078622
Virus effects on performance of **apple trees** 079180
Tarsonemid mites on **apple trees** in Poland. 079865
Tarsonemid mites on **apple trees** in Poland. 079866
Attempts to produce sherry **type apple** wine 074252
of russet-free Golden Delicious **type apple** c- 078832
drought & heat resistance of **apple varieties** 078195
Cox's Orange Pippin. [**Apples, varieties**]. 078687
of Cox's Orange Pippin. [**Apples, varieties**]. 078688
of ringing on early bearing of **vigorous apple** 078743
supply, & allocation of **Washington apples.** 073336
Attempts to produce sherry type **apple wine** 074252
Effect of planting density on **apple yields.** 078750

APPLICATORS
Trend of **pesticides applicator** in study. 080806

APPRAISAL
Naturalistic approaches: a **practical apprais-l.** 079964
cost: a technique for **project appraisal.** 073033

APRICOTS
intensity in ripening period of **apricots.** 078016
Textural breakdown in **canned apricots.** 074263
Texture changes in **canned apricots.** II. Stu- 078997
Suitability of **certain apricot** varieties in pr- 074304
normal development of **apricot fruit.** 078014
of Eutypa armeniacae. [**Apricots, gummosis**] 078916
Reaction of **apricot & peach** trees on applic- 078066
colonization of sapwood of **pruned apricot** t- 078915
on various peach & **apricot seedling** rootsto- 078734
to protect fruit trees. [**Apricots, Taphrina** de- 079010

APTERYGOTA
region of Nicoletia sp. (Insecta: **Apterygota:** 080297

AQUATIC
Notes on **aquatic fungi** of Maharashtra. I. O- 076705
Ecological effects of **aquatic herbicide** Fenac 079550
Aquatic insects of Karasuk lake system as a- 080171
of endothall by **aquatic microorganisms.** 079480
plus copper sulfate on **aquatic organisms.** 079613
acetate by **aquatic organisms.** 080048
Comparative growth rates of **aquatic stages** 080039
Plant wastes on **aquatic vegetation** in New 079255
evapotranspiration of some **aquatic weeds.** 079603

AQUEOUS
Cytodinin activity of **commercial aqueous** se- 077547
Collaborative study of **nonaqueous copper** co- 079627
fruits subjected to hot **aqueous ethylene** dib- 073561
dermatitis with **aqueous hyposensitization.** 075896
Phytotoxic substance of **aqueous root** extrac- 079117
detrimental effect of old **aqueous standard** s- 074677

ARABICA
associated with a wilt of **Coffea arabica** in 078962

ARABIDOPSIS
in plants. [Acer **negundo, Arabidopsis** thalia- 077194
of acid phosphatase in **Arabidopsis thaliana.** 077147
of pollen grains of **Arabidopsis thaliana** (L.) 077218

ARABLE
aspects of dried forage as an **arable cash** cr- 073070
Systems of milk production for **arable farm** 072916
Beef & sheep systems on **arable farms.** 072915

ARACHIS
in dormant peanuts (**Arachis hypogaea** L.). 077761
of nutrients in groundnut (**Arachis hypogaea** 077833
of groundnuts (**Arachis hypogaea**) in northe- 078339
on bacteroids in nodules of **Arachis spp.** & 077816
on bacteroids in nodules of **Arachis spp.** & i- 079130

ARALIACEAE
of Apiaceae (Unbelliferae) in **Araliaceae.** 076653

ARANEAE
Trachelas tranquillus (Hentz) (**Araneae:** Cl- 080009
Genus Corinna (**Araneae, Culbionidae**) in P- 080594

ARANEIDA
Spiders of Ameland. [**Araneida**]. 080516
romania. [Coleoptera, **Myriapoda, Araneida**] 080477

ARAUCARIA
on purification of **Araucaria angustifolia** see- 079885

ARBOVIRUSES
Arboviruses in **Finland.** III. Uukuniemi virus 075612
Arboviruses in **Finland.** I. Isolation of tick- 079947
*** 079949
inactivation of some **arboviruses** by **fresh** se- 075678

ARCEUTHOBIUM
Pinus ponder, **Arceuthobium americanum,** A- 079574
on balsam fir. [**Arceuthobium pusillum,** Abies 079536

ARCHEOLOGY
fowl from **archaeological monuments** of Ukr- 074442

ARCHITECTURE
Community architecture & productivity of 077942
conservation & **landscape architecture** (with 076827

ARCTIC
Diptera, Simuliidae) at **Arctic Circle.** 080256
Mating of & pregnancy in **Arctic fox.** 075223
as flower visitors in Canadian **High Arctic.** 080186
Notes on biology of **Palaearctic Muscids.** 080237
Notes on biology of **Palaearctic muscids** (2) 080238
Gardens under **arctic sun.** [Alaska]. 078778

ARCTIIDAE
in control of Pericallia ricini F. (**Arctiidae**) 079657
cunea Frury), Lepidop **tera Arctiidae.** 080185

ARCTOSTAPHYLOS
Seed germination. [**Arctostaphylos uva**-ursi] 077302
Arctostaphylos uva-ursi in Lithuania. 6. Gr- 077307

ARGAS
competitiveness of male tick **Argas persicus** 080344

ARGASIDAE
tholozani (**Ixodoidea, Argasidae**). 080345
of Rickettsia prowazeki in **argasid ticks** dur- 080377

ARGININE
heterologous DNA on an **arginine-dependent** 077221

ARGYRESTHIA
of infested fir stands. [**Argyresthia fundella**] 076394

ARID
population studies of pink bollworm in **arid** 079703
soil & climatic factors in **semiarid Central** 077655
seedling rootstocks in an **arid environment.** 078734
machine for arid to **semiarid rangeland.** 080894
Rootplowing & seeding **arid rangelands** in S- 078393
pine (Pinus halepensis Mill) in **semi-arid** & 076385
relations of deciduous forests of **semi-arid** z- 078216
nutrients in relation to crops in **arid zone** of 078046

ARMILLARIA
honey fungus & root rot. [**Armillaria mellea,** 079009
of Fomes annosus & **Armillaria mellea** by in- 077406

ARMY
U. S. **Army activities** in 1971 Venezuelan e- 079969
Effects of Radford **Army Ammunition** Plant 077379
Effects of Radford **Army Ammunition** Plant 079255
Effects of Radford **Army Ammunition** Plant 080209
Effects of Radford **Army Ammunition** Plant 081778
Effects of Radford **Army Ammunition** Plant 081779
Effects of Radford **Army Ammunition** Plant 081780
its development in neotropical **army ant** ge- 080396
A nonoccluded virus of **army cutworm.** [Eux- 080332

ARMYWORMS
Distribution of **fall armyworm** larvae. 1. Reg- 079702
Armyworm in no-**tillage** corn. [Pseudaletia 079736

AROMATIC
Decarboxylation of **aromatic amino** acids-1- 081220
changes in orange juice. II. **Aroma changes** 074262
inhibitory volatile **aromatic compounds** pro- 078119
Ceylon black tea **aroma concentrates** prepar- 073877
Aroma & **flavor** of farm-raised channel catfi- 073845
Fate of polycyclic **aromatic hydrocarbons** in 081315

ARREST
Cardiac arrest & cardiopulmonary resuscitat- 075548

ARRHENATHERUM
Anthracnose of **Arrhenatherum elatius** caus- 078998

ARSANILIC
Acute **arsanilic acid** intoxication in pigs. 076116

ARSENIC
Hazardous arsenical residues associated with 076107

ARTEMISIA
composition of **Artemisia absinthium** L. indi- 078884
of bit sagebrush. [**Artemisia tridentata**]. 077775

ARTERITIS
Verminous arteritis in a mare. 075894

ARTERY
smooth muscle cells in **small arteries** of dog 074618
Mycoplasma gallispeticum for **arterial walls.** 076289

ARTHRITIS
agent of endocarditis & **arthritis** in **dog.** 075871

ARTHROPODA
high mountains of Hindu Kush. [**Arthropoda** 080471
Collembola & other **microarthropods** in **high** 080230
Microarthropods & **humus** formation. 081100
protection products on **useful Arthropoda.** 080077
TBE) virus from **arthropods, vertebrates,** & 079947

ARTICHOKES
Ecology of **artichoke apion,** Apion carduroum 080183
diesterase in **Jerusalem artichoke** tubers. 078138
Helianthus tuberosus. [**Jerusalem artichokes** 078158
Grow **Jerusalem artichokes** for a lifetime cr- 078777

ARTICULATION
of elbow by total prothesis of **articulation.** 076130
A case of **articulation** between **investigation,** 072654

ARTIFACT
New alkaloids & **related artifacts** from Cycl- 077439
An **artifact resembling** silver grains found in 078183
liquid chromatography of a "**total artefacts**" 073875

ARUNDINACEA
of S.170 tall fescue **(Festuca arundinacea).** II 077766
transpiration of **Festuca arundinacea.** 077841

ARVENSIS
of fatty acid content in **Brassica arvensis** se- 077889
of Canada thistle ecotypes. [**Cirsium arvense** 079596
layering technique. [**Convolvulus arvensis**]. 079432
Control of **Convolvulus arvensis** & Convolvu- 079465
phenolic esters in **Mentha arvensis.** 077503
in pea (Pisum sativum L. Var. **arvense poir.**) 077104
sowthistle crosses. [**Sonchus arvensis**]. 077003

ASCARIDAE
to superinfection with **Toxocara canis:** evide- 075793

ASCARIDIA
antigen immunization from **Ascaridia galli.** 075609

ASCARIDIASIS
of methods for **diagnosing ascariasis** in swine 075944
Hepatic ascariasis in lambs. 075907

ASCARIS
of pigs exposed to soil **containing Ascaris** su- 075726
Glucose consumption by **Ascaris** from **hosts** 075610
against infection with **Ascaris suum.** 075621

ASCLEPIADACEAE
of Vincetoxicum species **(Asclepiadaceae)** in 076629

ASCLEPIAS
perennial that reduces yields. [**Asclepias**]. 079544

ASCOCHYTA
Penicillium **Ascochyta imperfecta,** antifungal 077449

ASCOMYCETES
Species of **Ascomycetes & Basidiomycetes** f- 076610
Two new species of **rare ascomycetes** from 076710

ASCOPHYLLUM
special reference to **Ascophyllum nodosum.** 079296

ASCORBIC
injection of [1-14C] [carbon] **ascorbic acid** 073759
Tolerance of higher **ascorbic acid** doses. 073760
Ascorbic acid as related to tibia strength in 074729
study of amount of vitamin C **(ascorbic acid** 074825
Acid hydrolases & **ascorbic acid** in testes of 074862
Influence of feeding **ascorbic acid** & sulfate 075045
study of amount of vitamin C **(ascorbic acid** 075962
Acid hydrolases & **ascorbic acid** in testes of 076004
injection of [1-14C] [carbon] **ascorbic acid** 076024
Ascorbic acid & heterocyst development in 077481
Ascorbic acid contents in hybrid tomatoes. 078169

ASCOSPORES
their role in delimitation of **ascospore.** 077469
in relation to **ascospore discharge** of Guigna- 079083

ASEPSIS
Aseptic bottling in a clean room. [Milk]. 073967
stage of growth under **aseptic conditions.** 077887
of tissues of avocado in **aseptic culture.** [Pr- 078646
Aseptic necrosis of discus lumbosacralis in s- 076010
pathological condition in **aseptically reared** 080342

ASHES
of fat, protein, manganese, **ash, calcium,** pho- 076006
Horizontal planting of green **ash cuttings** lo- 076406
Genesis & characteristics of volcanic **ash soil** 081113
Genesis & characteristics of volcanic **ash soil** 081117
of several elements of volcanic **ash soils** in 081116
lead & vanadium in volcanic **ash soils** on riv- 081144
Some problems on volcanic **ash soils** in Tan- 081165
mechanical properties of **ash wood** & their s- 076441

ASPARAGUS
Soil research for **asparagus.** 081260
morphogenesis of **Asparagus densiflorus** (Ku- 076989

ASPARTATE
activity of **aspartate & alanine** aminotransfe- 074764
of leaf **aspartate aminotransferase** & alanine 077327
aminotransferases of **aspartate/ GOT/ EC 2** 074772

ASPENS
Origin & development of **aspen root** suckers 076916

ASPERGILLUS
fatty acids in fungus **Aspergillus clavatus.** 077459
coturnix japonica). [**Aspergillus flavus,** aflat- 076139
vs. molds in corn. [**Aspergillus flavus**]. 078893
field temperatures. [**Aspergillus flavus**]. 078993
potential of isolates of **Aspergillus flavus** Li- 079025
to seed invasion by **Aspergillus flavus.** 079044
diploid strains of **Aspergillus nidulans:** enha- 077137
dependent strain of **Aspergillus nidulans.** 077221
nitrate reductase by **Aspergillus nidulans.** 077349
A mutant of **Aspergillus nidulans** lacking N- 077462
female mice of strains of **Aspergillus niger.** 075776
A production. [**Aspergillus ochraceus**]. 077322
extracellular protease of **Aspergillus oryzae** 077360
alkaline proteinases from **Aspergillus oryzae** 077362

ASSAY
of six barley lines with **chlorophyll assays** & 077674
chloride] **assay** of **dehydrogenase** activity in 081222
mould Didymium iridis. 1. **Fusion assay,** fus- 077456
Assay of **progesterone** by competitive protein 074677
ts in situ using acetylene **reduction assay.** [077654
microbiological vitamin **assay results,** using 073715
In **vitro assay** of turkey herpes virus (HVT) 075779

ASSESSMENT
on erythropoietic **activity assessed** by using 075586
Assessment of **coarse** feed quality by German 074332
at obtaining & **assessment** of **efficacy** of a h- 075800
An **assessment** of some of **existing** & also po- 078595
Hygienic assessment of wheat grown in a ne- 073697
Assessed income, expenditures, etc. for agri- 073055
Use-value **assessment legislation** in United 073479
to cereals & **assessment** of **thiamine** status. 073758
Assessment of **work** carried out on groundn- 078263

ASSETS
use & for raising efficiency of **capital assets** 073050
as a result of fixed **assets economy** & labour 072889

ASSIMILATION
formation & accumulation of **assimilate** s [G- 077063
during glucose & **ammonium assimilation** in 077342
A source of light for **assimilation chambers.** 077568
advance & **assimilation** of **developmental** lev- 073461
of molybdenum in **assimilation** of **nitrogen** in 078150
distribution of **assimilates** in **Trapa** natans L 077493

ASTERACEAE
SEE COMPOSITAE

ASTERS
Variety trials with **Aster amellus** L., aster d- 078836

ASTRAGALUS
in timber milkvetch. [**Astragalus miser**]. 077405
Living forms of **Astragalus species** of Turkm- 076716

ASYMMETRY
Meiotic behavior of **asymmetric dyads** in ma- 080266
Activity of **asymmetric isomers** of abscisic a- 077885

ASYNAPTIC
SEE SYNAPSIS

ATHALIA
roses: Sawflies. [Arge rosae, **Athalia rosae,** 079762

ATHERIGONA
Chemical control of **Atherigona varia** soccata 079734

ATHEROGENESIS
urolithiasis in dogs fed an **atherogenic diet.** 076058

ATMOSPHERE
Effect of **atmospheric ammonia** stress on Le- 074387
Effect of **hypoxic atmosphere** on some econ- 074757
for accumulation of **atmospheric lead** by ins- 080243
nitrogen-ammonia on **atmospheric nitrogen** f- 077315

dioxide from **atmosphere** by some **Pinus** spe- 076217
Detection of **atmospheric pollutants** at parts 081772
table in areas of **atmospheric pollution.** 076231
Economic analysis of **atmospheric pollution:** 081840
radar sensing: **atmospheric structure** & insec- 079668

ATOMS
with photocolorimetry & **atomic absorption** 081126

ATPASES
Mg2+-[magnesium]-**dependent ATPase** [ad- 078007

ATRAZINE
date of planting & tolerance to **atrazine.** 079616
Effect of **atrazine** on **crude** protein & nitrate 077630
urea], simazine & **atrazine** on **nitrate** reduct- 079534
carbon on persistence of **atrazine** in **sand.** [079604
Atrazine & suspension fertilizer compatibili- 079607
effect of simazine & **atrazine** on **winter** whe- 079491

ATRIPLEX
SEE CHENOPODIACEAE

ATROPHY
Studies on **infectious atrophic** rhinitis in pigs 075887
isolated from pigs. **[Atrophic rhinitis].** 075636
to medical prophylaxis of **atrophic rhinitis** in 075682
of causes & symptoms of **atrophic rhinitis** in 075954
during progression of **testicular atrophy.** 074862

ATROPINE
Toxicity of **atropine, Phospholythin,** Tropac- 076167

ATTRACTANTS
Visual **insect attractants** & their use in plant 079665
Oriental fruit **moth attractant** synergists. [079807
bean seed coat as an **ovipositional attractant** 080252
ratios of a two-component **sex attractant.** [080421

AUCHENORRHYNCHA
Leafhoppers (**Auchenorrhyncha:** Homoptera 080568

AUCTIONS
livestock in U.S.A. And Canada: **Auctions;** a 072793
body shapes & live weight of **auction rams** of 074521

AUGMENTATION
economic alternative for **augmenting water** 081873

AUJESZKY
testing of saponin vaccines **against Aujeszky** 075889
in pigs produced by **Aujeszky's disease** virus 075838
of pigs infected with **Aujeszky's disease** virus 075839

AUREUS
transmannosylase from **Phaseolus aureus.** [078031
of five varieties of mungo, **Phaseolus aureus** 079765
by various strains of **Staphylococcus aureus** 073640
types & patterns of **Staphylococeus aureus.** 075781

AUTOGENOUS
Autogeny in **tick** Ornithodoros tholozani (I- 080345

AUTOLYSIS
wine by means of oxidative **yeast autolysis.** 074252

AUTOMATIC
BM Volvo S 830, 9', **automatic combine.** 080989
Continuous automatic measurement of rhyt- 077382
stages of constructing an **automatic control** 080883
Automatic counting & classification of insec- 079671
Automatic curing of bright leaf tobacco. 074131
Better decisions with **automatic data** handli- 072929
extraction & **automatic determination** of sug- 074170
Automatic drinking bowls for cattle approv- 080928
plant analysis without **automatic equipment.** 077393
An **automatic honey** bee counting & recordi- 080660
Automatic information processing in system 072865
empty" milking by **automatic interruption** of 074457
Automatic loading & unloading trucks. 080867
Automatic measurement of surface water. 081608
Automatic payment of agricultural tax. 073041

AUTOMATION
state & future of **automation** in **agricultural** 072928
of free tryptophan on **automated amino** acid 077567
Evaluation of a two-**channel automated** syst- 075908
Automation of **crystallization** process applied 074211
Automatization of **farm** work. 3. Developme- 080855
Mechanization & **automation** in **feeding** dai- 080926
its contribution to **automation** in **forest** man- 076271
What's new in **automated ice** cream product- 073926
Automated methods for nitrogen, phosphorus 077394
Automation in **milking** parlor. 080863
of design of an **automated stationary** method 080720
An **automated system** for dispatcher control 080721

AUTOMOTIVE
Forest pollution from **automotive exhaust.** 076204

AUTOPOLYPLOIDS
Autopolyploidy in **Achras** sapota L. [Sapodi- 077158

AUTOPSIES
enzyme activity & **postmortem changes** in p- 074029
Postmortem shrinkage of lamb carcasses. 074023

AUTORADIOGRAPHY
Radioautographic analysis of nature of sister 077024
Whole-**body autoradiographic** studies on pe- 079925
an **electronmicroscopic autoradiographic** stu- 076880
found in **microautoradiography** of **lettuce** fru- 078183
A **quantitative autoradiographic** study of int- 079203
Autoradiographic study of duration of sper- 080442

AUTOTROPHISM
growth of an **"autotrophic"** blue-green bacte- 077434

AUTUMN
weed control in winter **cereals autumn,** 079450
Effect of **autumn cultivations** on emergence 079430
On effect of **autumn frosts** on spring wheat 077637
treatment to fight weeds in **autumn grain.** 079467
Decline & growth after **autumn planting** of 076384
Storing **autumn rye** by soaking it in Neo-Vo- 074213
Winter-**autumn treatment** of fruit trees. [Fu- 079086

AUXINS
C [carbon] & phenol-induces **auxin effects** in 077992
Auxin herbicides for weed control in fruit-tr- 079460
Effects of **auxin**-like **herbicides** on nucleohis- 079599
Sucrose mobilizing effect of **auxins** in **Hevea** 077489
Polar auxin transport & **auxin-induced** elon- 077881
indica L. in relation to **auxin & inhibitor** co- 077976
period & frequency of **auxin treatment** on re- 078056

AVENA
metabolism & pectinase activity. [**Avena**]. 077758
Resistance & virulence in **Avena:** Puccinia c- 079157
induced elongation in **Avena coleoptiles** by 077862
An important new **diploid Avena** [Canariens- 076638
cultivations on emergence of **Avena fatua** se- 079430
in asynaptic genotypes of **Avena sativa** L. [077047
phytochrome from **Avena seedlings** by isoel- 077869
distribution in **Avena seedlings** measured by 077873
control of bivalent pairing in **Avena strigosa** 077046

AVIAN
with equal concentrations of **avian & bovine** 075870
of a Japanese quail, with an **avian cestode** f- 075733
sequences in DNA of normal **avian embryos** 075958
on sugar transport in **avian erytgrocytes.** [G- 074565
Recognition of viruses of **avian leucosis**/sarc- 075649
Studies on **avian malaria** in Japan. III. Tiss- 075734
Studies on **avian mucopolysaccharide**-peptide 074579
for differentiation of **avian mycoplasma.** 075984
on control of **avian mycoplasmosis.** 075777
Suppression of **avian reticuloendothelial** sys- 075676
Avian riboflavinuria. 8. fate of riboflavin-bin- 075323
RAV-O) [Rous sarcoma virus(**rous avian** vir- 074661
in neural physiology of **avian species.** 2. dist- 074752
Nonsusceptibility of some **avian species** to t- 075808
Studies on **avian syngamosis.** 1. Treatment of 075741

AVOCADOS
in Central America & Mexico. [**Avocados**]. 078652
you thin a root rot replant block? [**Avocados**] 078937
responses of tissues of **avocado** in **aseptic** cu- 078646
Avocado bark pitting associated with latania 079794
of Phytophthora on **avocado** in **California.** 078935
Some troubles of **avocado fruit.** 079258
Avocado industry of Ventura County at a gl- 078648
Avocado marketing problem. 073183
1972 Cost to develop an **avocado orchard** in 073004
How to select an **avocado orchard.** 078649
Binweed control study in **avocado orchard** by 079432
Grow your **own avocado** tree. 078866
schedules in an **avocado plantation** using tri- 081607
1972 Cost to **produce avocados** in San Diego 073003
Registered avocado trees; a short history of 078647
Incidence of **avocado root** rot in relation to 078936
Avocado root rot research program. [Phyto- 078938
Avocado rootstock-scion relationships: a long 078644
experiments with **avocados** in **San** Diego Co- 081606
Lindcove Field **Station avocado** variety trials 078650
Grow your own **avocado tree.** 078866
Registered **avocado trees;** a short history of 078647
with graft-incompatibility in **avocado trees.** 079184
aerial applications of zinc to **avocado trees.** 079257
Fertilization of **avocado trees.** 081325
Lindcove Field Station **avocado variety** trials 078650

AWN
comparisons between **awned & nonawned** ba- 077644

AXENIC
activities during **axenic growth** & differentia- 077357

AXIS
Study of morphology of cardiac **electric axis** 075510
On layer variability of **axial structure** of sh- 077000

AZALEAS
Azaleas that **defy** frost. 079263
Azaleas & Erica culture in Germany. 078834

AZAURACIL
6-Azauracil induced phenocopies of rudimen- 080276

AZIDE
seedlings under influence of **sodium azide.** 077917

BABESIA
Fight against cattle fever ticks. **[Babesia]** d- 080029
location of **babesial antigen** extracted from 075715

BACILLUS
anthrax in a mink farm. **[Bacillus anthracis]** 075765
on transforming activity of **DNR bacillus** su- 077300
on snap beans. **[Geometridae, Bacillus** thuri- 079852
disease of bees in honey. **[Bacillus larvae,** A- 080689
insect control. **[Bacillus thuringiensis].** 079853
practice. [Tomatoes, **Bacillus thuringiensis,** 079856
A demonstration of **Bacillus thuringiensis,** p- 079901
Effect of **Bacillus thuringiensis** delta-endoto- 080105

BACKSCATTERING
A gamma **backscatter method** of measuring 081105

BACON
animal fat in feed mixtures for **bacon pigs.** 075103

BACTERIA
for alfalfa & their interaction with **bacteria.** 078897
in piled wood chips--contribution of **bacteria** 079141
Fat hydrolysis by lactic **acid bacteria** in che- 073966
on numbers of **bacteria, actinomycetes** & fu- 080137
of certain biologic & **antibacterial agents** on 075632
egg components & **bacteriological analyses.** 074066
in selective increase of **avirulent bacteria** in 079129
Research on **bacterial black** spot disease of 079131
Bacterial blight disease of paddy in India. 079135
in reducing incidence of **bacterial blight** in c- 079144
occurrence of **bacteria** of **Corynebacterium g-** 075750
of transfer factors in **bacterial degradation** of 079547
Research on **bacterial diseases** of fruit-trees. 079122
Research on **bacterial diseases** of fruit-trees. 079123
Bacterial diseases: how to control them & 079133
method. [Citron melons, **bacterial diseases]** 079134
Neurospora crassa by a **bacterial dissociation** 077353
Bacteria fight soybean disease. [Bdellovibrio 079118
of pruned apricot trees. **[Fungi, bacteria].** 078915
vegetative & spore forms of **bacteria, fungi,** 081602
of plant starch & **bacterial glycogen.** 077572
in physiology of blue-**green bacteria** (algae): 077433
in physiology of blue-**green bacteria** (algae): 077434
Soil **bacteria growing** in plain-agar plate. 081119
defleecing. 3. C. Activity of **heat bacteria** on 074045
technologically **important bacteria** in dairy 073935
of feed medicaments on **bacterial infections** 075810
Keep bacterial out of milk. 073593
Bacterial leafspot of lettuce in Natal. [Xant- 079132
method. [Citron **melons, bacterial** diseases] 079134
used in food industry. II. **Bacteria & mold** f- 073595
low-activity strains of **nodule bacteria.** [Rhi- 081143
on naturally-**occurring bacterial** pneumonia 075902
meat products?-from **bacteriological point** of 073606
Gluconic **acid-producing bacteria** from honey 073878
Effects of selected **psychrophilic bacteria** on 073661
Biochemistry of **psychrophilic bacteria** & th- 073681
Bacterial rot of stored mangoes. 079115
Bacterial soft rot diseases of headed cabbage 079127
Soil bacteria growing in plain-agar plate. 081119
Bacteria vectors in cases of reindeer necrob- 075937
Development of **bacterial wilt,** black root rot 077034
Bacterial wilt as an important cause of redu- 079140
Development of **bacterial wilt,** black root rot 079254
Role of **bacteria** in **wood** decomposition. 079143

BACTERICIDES
piece treatments. **[Fungicides, bactericides].** 078900
factors on **bactericidal & protection** reactions 074810

BACTERIOPHAGES
Staphylococcal mastitis: **phage types** & patt- 075781

BACTEROIDES
Some observations on **bacteroids** in **nodules** 079130

BAETIDAE
demonstration of solute pathways. **[Baetidae]** 080301

BAETIS
a description of **Baetis calcaratus** sp. n. 080590

BAGASSE
of rice straw & **bagasse** in **manufacturing** of 073820
On possibility of using rice **straw, bagasse** & 073819

BAGGING
C02, [carbon dioxide] **plastic bags** & extend- 074725
sausage products in vacuum **shrink bags.** 074010

BAITS
An improved mirex **bait formulation** for con- 079635
On effect of **bait rodenticides** on small ma- 079243

BAKERS
enzymatic activity of **bakers' yeast.** 073895

BAKING
new functional sweeteners for **baking.** 073857
Principles of utilization of lecithin in **bakery** 074127
Modes & methods of **bread baking.** 074184
Germ fat & wheat **baking capacity.** 074123
safe actions to be taken in **bakery** to **ensure** 074186
physical properties, & **baking** of **hard** red w- 074099
New **miniaturized baking** to appreciate stre- 074182
on mass freezing of **bakery products.** 074119
Nutritive value & **baking properties** of bread 073767
treatments on milling & **baking properties** of 074100
of cereal research & **baking technology.** 074126

BALANCE
Future of rural America-- quest for **balance.** 072647
to study of horsemeat market. 5. **Balance** for 073297
protein level on **calcium balance.** 073712
Chloride balance of some farmed & forested 081747
Aerodynamic & energy **balance comparisons** 077644
of chicks on diet with **unbalanced energy** & 076026
Functions for **estimating balance** quantity. [076326
Studies on **balanced fertilization** of maize in 081277
Ionic balance for barley as influenced by P 077665
metabolism in rabbit: **metabolic balance** & e- 074648
of saline water on **mineral balances** in sheep 074866
to osmotic stress in **balanced mineral**-nutrie- 078020
Balance of **nitrogen** & humus in soils. 081107
Nutrient balances for evaluation of nutrient 081729
Balance of **organic** matter in different crop 081007
Balance & perspectives of agricultural coop- 072863
of landed structures: **Balance & prospects.** 072762
of cultivated tomato: **water balance** & abscis- 078000

BALANTIDIASIS
of pathogen of **balantidiasis** of **swine** in swi- 075966

BALES
of bales of dried grass using a **bale claw.** 080903

BALSAM
Dwarf mistletoe on **balsam fir.** [Arceuthobi- 079536
Tree of **balsam** of **Peru.** [Populus tacamaha- 076767

BALSAMEA
fir. [Arceuthobium pusillum, **Abies balsamea** 079536
Choristoneura fumiferana, **Abies balsamea,** 079913

BAMBOO
Acidolysis of **bamboo lignin.** III. Estimation 077617
of volume table of **Makinoi bamboo** (Phyllo- 078887

BANANAS
metabolism in Musa paradisiaca. [**Bananas**] 078118
Banana cultivation on hydromorphic soils in 078686
Distribution of **bananas** in **France** in 1971. 073232
Growing bananas. 078718
for Cercospora musae Zimm. [**Bananas, leaf** 078973
species) on padi straw, **banana leaves** & saw- 078870
Selection of seeds for **banana** & **plantain.** 078826
Nematodes of **banana** & **plantain** (Musa sp.) 079357
of some nematicides in **banana plantations** in 079280
Some **promising banana** varieties for Madh- 078609
Bananas solicit wealth from Triangle. [Braz- 072855
Diplogasteridae). [**Banana, sugarcane**]. 079350
of Radopholus similis in **banana zone** of Po- 079354

BANGIACEAE
facultative parasite. [**Porphyra miniata**]. 078939

BANKS
Life history of alderfly, Sialis **aequalis banks,** 080173
of capital structure of **banks** for **cooperatives.** 073138
agriculture: implications for **country banks.** 073132
farms with assistance of **bank financing.** [Ta- 073069
work with dairy cattle from **gene bank** stoc- 075366
Farm **mortgage bank.** 073075
Protecting level sill **bank outlets.** 081557

BANVEL
SEE DICAMBA

BARIUM
restraint drugs on passage of **barium sulfate** 075451

BARK
Avocado bark pitting associated with latania 079794
Hardboard from **basswood bark.** [Tilia]. 076471
Attracting spruce **bark-beetle** by mechanical 079900
Fight against spruce **bark beetles.** [Ips typo- 079902
information on effectiveness of **bark bug** (A- 079871
Effect of degree of **grinding bark** into small 081288
Hardwood bark--a growing medium compon- 078831
Improved bark & grit removal system for log 076540
Bark lichen zones in town of Tampere. [Air 081820
Milled peat & **milled bark** as substrate for 076389
a new anthocyanin in Salix **purpurea Bark.** 078225
study of saponin from **bark** of **Quillaja** sapo- 077555
Biological effects of **bark** of **Saccoglottis** ga- 077403
of actin-resistant tissues of apple **tree bark** 078191
Bark utilization--a problem. 076467
Precision of determination of **bark volume** p- 076321
of constituents of **bark** of **Zanthoxylum** con- 076432
of constituents of **bark** of **Zanthoxylum** dec- 077318

BARLEY
with post-harvest dormancy in **barley.** [Ger- 073916
use of translocation in breeding. [**Barley**]. 077060
D. C. F. sp. Hordei Marschal) in **barley.** 077095
spectrum of chlorophyll mutations in **barley** 077224
of seeds of rye-grass & **barley.** [lolium]. 077628
aneuploids in wheat & **barley.** 077711
translocation of guthion by beans & **barley.** 077759
in Hordeum vulgare plumules. [**Barley**]. 077845
in germinating Hordeum distichon. [**Barley**] 077847
high-lysine Hordeum vulgare grain. [**Barley**] 077850
abd other anions & cstions. [**Barley**]. 077853
of abscisic acid in a rapid bioassay. [**Barley**] 077885
with post-harvest dormancy in **barley.** [Ger- 077959
in increasing plant protein content. [**Barley**] 077961
determining parameters of cereals. [**Barley**] 078305
preceeding corp in maize & **barley.** 078571
Biology & damage of mildew of **barley.** [Ery- 078958
of triploids & aneuploids in **barley.** 079168
changes in bromegrass mosaic virus. [**Barley** 079205
Hordium vulgare in vitro & in vovo. [**Barley** 079534
in increasing plant protein content. [**Barley**] 079610
translocation of guthion by beans & **barley.** 079719
of female meiosis in wheat, rye & **barley.** 076982
of pentosan biosynthesis in **barley aleurone** 077884
Quality comparison of **brewing barley** from 074094
marker genes on **barley chromosome** 2 & a 077092
associations of haploid **barley chromosomes** 077040
characters in **barley** after a **combined** effect 077888
of supplemental water on **barley** & **corn** pro- 077662
composition of germinating **barley embryo.** 077822
Breeding **fodder barley** with higher protein 077125
utilization by breeding of **forage barley.** 077052
in lipid composition of **germinating barley** 077822
homologous associations of **haploid barley** c- 077040
Mutational variability in **barley hybrids** & t- 077216
Breeding of corn, wheat & **barley** to **increase** 077127
Canopy temperatures of **barley** as **influenced** 077653
Ionic balance for **barley** as **influenced** by P 077665
Observations on penetration of **barley leaves** 079740
of light reflectance of six **barley lines** with 077674
nitrogen metabolism in **barley** & **Lolium** te- 077690
protein content & kernel size of **malt barley** 077934
Differentiation of important **malting barley** 074095
disease of **barley** & **measures** for its control 079074
spore trap catches of **barley mildew.** [Erysi- 079055
between awned & **nonawned barley.** 077644
in tillering & heading in **oat, barley** & wheat 077748
derived bound residues in **barley plants.** 080097
processed wheat & **barley** for use in **protein** 074098
of sodium & rubidium along **barley roots.** 077842
in ethylenimine-treated **barley seeds** during 077208
Reutilization of **barley softening** waters & its 074093
starch degradation of **barley** & **sorghum** gra- 074338
On breeding **spring barley** for grain quality 077183
state & prospects in breeding **spring barley** 077243
of winter & spring cereals **spring barley.** 077756
carbonate on maize, **spring barley** & pea at 077887
indices of potatoes & **spring barley** in weste- 078193
Varietal reaction of **spring barley** on sowing 078553
of different varieties of **spring barley** relative 081293
Reaction of **spring barley** varieties to applic- 081493
Barley steeping. 074220
Barley stripe mosaic virus & frequency of tr- 079168
seedling development of **barley, sugar** beets, 077661
mutations in ethylenimine-**treated barley** se- 077208
of important malting **barley varieties** by me- 074095
level in some wheat, rye & **barley varieties** 077905
Reaction of spring **barley varieties** to applic- 081493
formation of yields of **barley** under **various** 077947
of plant breeding stock. [**Wheat, barley**]. 077182
Powdery mildew of cereals. [**Barley, wheat,** 079079
on interference between **barley white** musta- 077762
More **winter barley** & winter wheat & delay- 078318

BARNS
Barn climate in industrial swine production 074407
system on MSCPV Nitra. [**Dairy barns**]. 074376
cattle housing in Hungary. [**Dairy barns**]. 074469
tower--alternative to conventional **hay barn.** 080751

BARNYARD
Barnyard grass: a potential threat to vegeta- 079557

BARRELS
Strawberry barrel. [Cultivation]. 078858

BARROWS
as amino acid sources for **barrows & gilts.** 074953

BARTLETT
SEE PEARS

BASAL
chicks. I. Standard protein & **basal diet.** 074987
in various regions of **basal hypothalamus** in 074751

BASELLA
Polyploidy in **Basella.** 077155

BASICOLA
tabaci, Thielaviopsis **basicola, Phytophthora** 077034

BASIDIOBOLUS
ranarum, **Basidiobolus meristosporus**]. 075671

BASIDIOMYCETES
of Ascomycetes & **Basidiomycetes fungi** coll- 076610
Basidiomycetes, Lachnocladiaceae). 076720

BASIDIOSPORES
factors influencing **basidiospore discharge** in 078941

BASILIA
Second capture in France of **Basilia italica** 080641
Basilia mongolensis nudior subsp. n. includi- 080582

BASINS
correlation in Zonguldak **coal basin.** 076694
from Mojave & Great **Basin Deserts.** 076781
Nutritional status of olive tree of **Ebro basin** 078181
Brush **eradicating, basin** pitting, & seeding 080894
dryland seeded pastures in San **Juan Basin** 078291
material from Maritsa-Iztok **Lignite Basin.** 081193
of suspended sediment during **basin recharge** 081748
by problems of Zolkiewka **River Basin.** 081589
management in southern **Vienna Basin.** 081680

BASSWOOD
Hardboard from **basswood bark.** [Tilia]. 076471

BAUHINIA
sterility & apocarpy in **Bauhinia candida** R- 076949

BEADS
cocoa mass on high speed **agitation bead** mil- 073906
dispersion studies in unsaturated **glass bead** 081089

BEAGLES
during oestrous cycle in **Beagle bitch.** 075258

BEANS
by means of selective extraction of **beans.** 074278
ammonium nitrate fertilizer to **beans.** 078150
Reaction of Venezuelan varieties of **bean** (P- 079146
bugs in North America. [**Beans**]. 079808
nitrogen content of pods & seeds of **beans** (074204
production of IAA [indoleacetic **acid, beans**] 078062
Presence of **bean ashy** stem blight (Macrop- 078891
Vigna unguiculata) & **bambara beans** (Voan- 073744
translocation of guthion by **beans & barley.** 077759
uptake & distribution in **bush bean** plants as 077986
Studies on grinding of **cacao beans** kernels. 073903
Studies on grinding of **cocoa bean** kernels. 073905
extractable gibberellins in **bean cotyledons** 078103
study of water use of maize & **beans** in **east** 077723
in particle fraction from **etiolated bean** hyp- 078127
Mechanical harvesting of **beans** in **European** 080811
Studies on **field bean** meal in sole rations for 075117
Field beans & field peas. [Varieties]. 078753
Weed control in **field beans.** 079516
pigment-protein complexes in **flashed bean** l- 078129
aureus Roxb., to attacks of **bean fly,** Agron- 079765
by grafting peas onto **beans** for **forage.** 077178
French bean seed coat as an ovipositional at- 080252
of skunk cabbage spadix & **bean hypocotyl** 078052
fraction from etiolated **bean hypocotyl.** 078127
Studies on **introduced bean** varieties. 078790
1970 Fertilizer trials on **irrigated beans** in c- 081519
Studies on grinding of cacao **beans kernels.** 073903
Studies on grinding of cocoa **bean kernels.** 073905
beans (Phaseolus vulgaris L.) [**Kidney beans** 074204
Acer pseudoplatanus) & of red **kidney bean** 076963
in Pelotas, RS, Brazil. [**Kidney beans**]. 077027
east of Scotland. [Sunflowers, **kidney beans**] 077428
acid in light grown stems. [**Kidney beans,** p- 078094
of abscission by calcium. [**Kidney beans**]. 078122
of Phaseolus vulgaris. [**Kidney beans**]. 078130
per hectar in fields of black **kidney beans** (078621
size & root rot resistance. [**Kidney beans**]. 078918
Changes of permeability. [**Kidney beans**]. 079193
ethyl & its methyl analogue. [**Kidney beans**] 079306
protein complexes in flashed **bean leaves.** 078129
Antitrypsin factors. [Soybeans, **lima beans,** 073749
Height of attachment of **lower beans** of soy 077907
Studies on field **bean meal** in sole rations for 075117
Control of alternate pathway. [**Mung beans**] 077767
mannosyl-lipid intermediate. [**Mung beans**] 078157
fertilizer trials on irrigated **navy beans.** 081477
factors. [Soybeans, lima **beans, nutritive** val- 073749
fertilization of **beans** in **operational** area of 073048
in light grown stems. [Kidney **beans, peas**]. 078094
of nodule bacteria. [Rhizobium, **peas, beans**] 081143
Say (Coleoptera, Bruchidae). [**Beans, pests**] 079760
uptake & distribution in bush **bean plants** as 077986
crystalloids in stroma of **bean plastids.** 078154
gradients between soil & **bean roots.** 078101
Effects of ozone on **bean rust** Uromyces pha- 078940

French **bean seed** coat as an ovipositional at- 080252
of vitamins B1, B2 & PP in **bean seeds.** 074307
Control of loopers on **snap beans.** [Geometr- 079852
mineral-nutrient media. [**Beans, tomatoes**]. 078020
Studies on introduced **bean varieties.** 078790
of protein nitrogen in plants. [**Wheat, beans** 077676
Pollination requirements of **winged beans** (078036

BEAUVERIA

Rott. [natural control, **Beauveria basiana,** p- 080433
of blastospores of **Beauveria tenella** (Delacr. 079625

BEAVERS

oats, four perennial grasses & **Beaver alfalfa** 078329

BEDS

Stoneville wide-**bed cultural** systems. [Cott- 078439
Seed & seedling losses in **nursery beds.** 076206
bed turnover time for spouted **bed peanut** d- 074084
as a means of seed-**bed preparation** for estab- 079502
as a means of seed-**bed preparation** for estab- 081420
soil physics in seed **bed preparation.** 081565
Bedding with **protein** for swine? [Feed]. 075102
Meloidogyne spp. In tomato **seed beds** (Lyc- 079356
Shaped beds as an aid to mechanized crop 080934
A preliminary study of algae in **tobacco beds** 077605

BEECHES

chestnut (Castanea sativa Mill.) & **beech** (F- 081161
chestnut (Castanea sativa Mill.) & **beech** (F- 081160
Felling & skidding of **beech** in **Adidovce** for- 076492
regeneration of **beech** by means of **different** 076365
cell walls in wood of **European beech** (Fagus 076477
chromophoric groups in **beech lignin.** [Fagus 076530
for wood soft-rot fungi. [**Beech, pine**]. 076563
small roots in soil profile of a **beech site** in 076928
yeast from hydrolysate of **sulphate beech** w- 074326
Transportation of **beech-wood** from forest to 076455
Prehydrolysis of **beech wood** & its influence 076506
Prehydrolysis of **beech wood** & its influence 076507
Effects of logging wounds in **young beech** & 076475

BEECHWOOD

lignin-carbohydrate complexes. [**Beechwood**] 076480

BEEF

income elasticity of demand for **beef.** 073343
Staphylococcal contamination of **beef.** 073699
Beef for you. 073768
Anion transport in **beef adrenal** cortex mito- 074624
15Th **annual Beef** Cattle Day report, May 074432
On results of dried **beef blood** plasma appli- 074006
U.S. exports of **beef breeding** cattle in cale- 073217
of selection scheme of males of **beef breeds** 075214
efficacy of selection scheme of **beef bulls** f- 075213
Heritability of semen traits in **beef bulls.** 075216
tract disease in weaned **beef calves.** 075632
Wintering strategy for spring **calving beef** c- 075357
applicant levies under **beef CAP** [Common 073222
Competitive conditions within **beef cattle** pr- 072849
from results of industry-like **beef cattle** pro- 072880
with white breeds of **beef cattle.** [Chiana, 072883
in industrialized raising of **beef cattle.** 072890
Economic evaluation of **beef cattle** producti- 072986
for deliverable-quality **beef cattle.** 073342
Beef cattle industry facts. 073478
Production potential for **beef cattle** in weste- 073500
Trends in **beef cattle** production in United 073559
Prediction of slaughter age in **beef cattle.** 073990
Colorado **Beef Cattle** Test & Carcass Evalua- 073992
Raising of **beef cattle** in a permanent free s- 074395
with white breeds of **beef cattle.** [Chiana, 074411
15Th annual **Beef Cattle** Day report, May 074432
Range **beef cattle** management. 074433
value of crop residues for **beef cattle** & lam- 074915
Nutritive requirements for **beef cattle** for gr- 074930
A study on establishment of a **beef cattle** he- 075033
Feed additives for **beef cattle.** 075079
management & feeding of **beef cattle.** 075104
Selection of male lines of **beef cattle** for te- 075212
upon level of environment? [**Beef cattle**]. 075222
Crossing with **beef cattle** for milk production 075245
carcass quality traits of **beef cattle.** 075252
A study on establishment of a **beef cattle** he- 075312
Testing genotype of **beef cattle** x DSR hybr- 075370
Colorado Beef Cattle Test & Carcass Evalua- 073992
as winter supplements for **beef cows.** 074931
levels to drylot-fed gestating **beef cows.** 074961
Feeding grass straw to wintering **beef cows.** 075029
strategy for spring calving **beef cows.** 075357
Calves for **dairy beef.** 074390
On results of **dried beef** blood plasma appli- 074006
A cross-linking study of **beef erythrocyte** m- 074554
for beef thwarts efforts to **expands beef** herd 073229
Beef exports to U.S. Brighten British Hond- 073228
induced by gamma-irradiation of **beef fat.** 074025
for buying feeder cattle; selling **fed beef.** 073202
magnesium levels to drylot-fed **gestating beef** 074961
Golden beef-steaks. [Consumption, situation 073313
beef thwarts efforts to expands **beef herd.** 073229
Technology of **industrial beef** production in 074473
Modern trends in **beef industry.** 073496
consumption relation of **beef & lamb** in West 073243
of cattle husbandry & **beef** in **present** decade 073515
A new concept of **processing beef** & lamb. 074035
Intensification of **beef production** as a result 072889
of different possibilities of **beef production.** 072934
A scientific basis for **beef production** on farm 072940
organization & allocation of **beef production** 072971
among farms cooperating in **beef production** 073121
be actively counteracted. [**Beef production** e- 073499
of maximal raising of **beef production** & its 073532
Technology of industrial **beef production** in 074473
nitrogen for milk & **beef production.** 081319
relationships for deliverable-**quality beef** cat- 073342
Range beef cattle management. 074433
microbial flora of **beef refrigerated** or in pro- 073680
Beef & sheep systems on arable farms. 072915
Forage fed **slaughter beef:** a victim of afflue- 074996
Golden **beef-steaks.** [Consumption, situation 073313
Buoyant Japanese demand for **beef thwarts** 073229
respiratory tract disease in **weaned beef** cal- 075632
Feeding grass straw to **wintering beef** cows. 075029

BEEHIVES

Building & operating an **observation beehive** 080657

BEERS

for estimating total polyphenols in **beer.** 073864
of polyphenols in brewing. [**Beer**]. 073888
of oxygen & its influence on quality of **beer** 073894
Brewing technology in changing times [**Beer**] 073896
its effect on qulity of malt, wort & **beer.** 074093
place in composition of **beer** in **course** of aft- 073879
Determination of **beer flavor** compounds by 073891
Control of oxygen in **beer processing.** 073863
polyphenols & non-volatiles in **beer quality** 073890
study of a brew kettle. I. [**Beer quality**]. 073893
of trans-2-nonenal in **stale beer.** 073889
of fermentable sugars. [Worts, **beer, syrup**]. 073860

BEES

chemicals on paramecia & Nosema in **bees.** 080690
salt marsh plants by bumble **bees, Bombus** 077314
Lake area. I I. Role of **bumblebee, Bombus** 080668
on pulverized drone honey **bee brood.** [Apis 080671
salt marsh plants by **bumble bees,** Bombus 077314
diseases encountered in **continuous bee** prod- 080661
An automatic honey **bee counting** & recordi- 080660
A new incubation system for leaf-**cutter bees** 080259
ripening honey. [**Gluconobacter, Apis** mellif- 073878
of proteins from honey **bee hemolymph.** [Ap- 080666
acid-producing bacteria from **honey bees** & r- 073878
Surfactants in water drown **honey bees.** [Ap- 080067
Insecticide toxicity to **honey bees.** [Apis me- 080149
An automatic **honey bee** counting & recordi- 080660
behavior of proteins from **honey bee** hemol- 080666
Surfactants in water drown **honey bees.** [Ap- 080669
A bioassay for determining **honey bee** respo- 080670
axyridis on pulverized drone **honey bee** bro- 080671
acid-producing bacteria from **honey bees** & r- 080674
Diseases of **honey-bee** in Lodz province in 1 080679
of exterior of head of workers of **honey bee.** 080684
American foulbrood disease of **bees** in **honey** 080689
Insecticide toxicity to **honey bees.** [Apis me- 080691
in normal & poisoned **honey bees.** [Insecticl- 080688
of bees in honey. [Bacillus **larvae, Apis** mell- 080689
honey. [Gluconobacter, **Apis mellifera**]. 073878
toxicity to honey bees. [**Apis mellifera**]. 080149
pool of honeybee prepupa (**Apis mellifera**) 080398
apiaries in Minnesota. [**Apis mellifera**]. 080659
of a standard colony. [**Apis mellifera**]. 080660
from honey bee hemolymph. [**Apis mellifera** 080666
responses to flower volatiles. [**Apis mellifera**] 080670
drone honey bee brood. [**Apis mellifera**]. 080671
orientation at feeding site by **Apis mellifera** 080673
honey. [Gluconobacter, **Apis mellifera**]. 080674
Lodz province in 1964--1971. [**Apis mellifera**] 080679
of workers of honey bee. [**Apis mellifera**]. 080684
pool of honeybee prepupa (**Apis mellifera**) 080685
in honey. [Bacillus larvae, **Apis mellifera**]. 080689
Nosema in bees. [**Apis mellifera**]. 080690
toxicity to honey bees. [**Apis mellifera**]. 080691
Bees of **mesophilic** meadows & prairie fores- 080608
free amino acid pool of **honeybee prepupa** (080398
encountered in continuous **bee production.** 080661
for determining honey **bee responses** to flow- 080670

BEETLES

Beetles (Coleoptera) of Babia Gora Mounta- 080468
density of false melon **beetle, Atrachya** men- 079722
density of false melon **beetle, Atrachya** men- 079723
Attracting spruce **bark-beetle** by mechanical 079900
Fight against spruce **bark beetles.** [Ips typo- 079902
attractant for pulse **beetle, Callosobruchus** 080252
its relation to behavior of **carrion beetle** (N- 080307
insecticides for tobacco flea **beetle control** in 079748
of mountain pine **beetle, Dendroctonus** pon- 079890
Identifying wood-**destroying beetles.** 079903
Eyeless beetles of North Carolina with notes 080233
with insecticides for tobacco **flea beetle** con- 079748
Flea beetles. [Chrysomelidae, horticultura c- 079818
Kraft mill fallout & **ground beetle** populati- 080197
records of seven species of **ground beetles** (080506
Chlordane-resistant **Japanese beetle** in New 079847
Sweepnet sampling for cereal **leaf beetle,** O- 079700
in population density of false **melon beetle,** 079722
in population density of false **melon beetle,** 079723
sampling for cereal leaf **beetle, Oulema** mel- 079700
to trees infested with southern **pine beetle.** 079889
single-age larvae of mountain **pine beetle,** D- 079890
mill fallout & ground **beetle poplulations.** [080197
an ovipositional attractant for **pulse beetle,** 080252
to produce lethal traps for **spruce beetles.** [079888
sex appendages of **whirligig beetles** (Gyrini- 080160

BEETS

in production of sugar **beet abroad** & in Cze- 078554
Effect of dry **amide beet** pulp on health & m- 075169
Sugar **beet breeding** in a new phase. [USSR 077123
of pests & diseases in sugar **beet crops.** 079739
from low manual work **beet cultivation** after 078312
Sugar **beet cultivation** in England today. 078585
of manual labor-saving sugar **beet culture** in 072876
Fodder **beet experiments** 1972. 078567
its application to a sugar **beet field.** 077640
Fodder beet experiments 1972. 078567
Fattening cattle on **fresh beet** pulp & quality 075167
cochlioides. [Sugar **beets, fungus** diseases]. 079114
long-term problems of sugar **beet growing** & 078786
Sugar-**beet growing** & harvesting machinery 080822
1972 sugar **beet harvest.** 078530
manufacture of KS-6 sugar **beet harvester** & 072808
in technology of sugar-**beet harvesting** after 080815
Tractors for sugar **beet harvesting.** 080924
Research in sugar **beet harvesting.** 080960
seed policy of Dutch sugar **beet industry.** 074087
Harvesting transports of sugar **beet leaves** [073007
schachtii. [Sugar **beets, nematodes**]. 079317
strains in self-incompatible sugar **beet plants.** 077211
on water conditions of sugar **beet plants.** 077935
Uzbekskaia **Polusakharnaia beets** for feed. 078514
How to preserve sugar **beet pulp?** 074155
Beet pulp pellets as carrier of chromic oxide 074964
Fattening cattle on fresh **beet pulp** & quality 075167
Effect of dry amide **beet pulp** on health & m- 075169
triphosphatase from sugar **beet root** & its li- 077837
Varietal tests with sugar **beet seed** in year 078418
Pre-planting sugar **beet seed** treatment with 079001
pre-planting enrichment of sugar **beet seeds** 077797
manufacture of KS-6 **sugar beet** harvester & 072808
Harvesting transports of **sugar beet** leaves [073007
Concepts of quality for **sugar beet** & sugarc- 073265
Variety & seed policy of Dutch **sugar beet** i- 074087
How to preserve **sugar beet** pulp? 074155
of raw juice purification. [**Sugar beets**]. 074173
of alpha-nitrogen in **sugar beet** & in diffusion 074175
run optimal processing period of **beet sugar** 074245
New ways of utilization of **sugar beets** in la- 074343
regarding incorporation of **sugar beet** & pro- 075108
on how to include sugar beet & **sugar-beet** by 075110
on microspore genesis in **sugar beets.** 076889
Embryological investigations on **sugar beet** 077097
Sugar beet breeding in a new phase. [USSR 077123
of amino acids on productivity of **sugar beet** 077166
strains in self-incompatible **sugar beet** plants 077211
its application to a **sugar beet** field. 077640
seedling development of barley, **sugar beets,** 077661
phenolic substances in leaves of **sugar beet.** 077700
potassium content of corn & **sugar beet** with 077712
studies of heterosis in **sugar beets.** 077743
by growing environments in **sugar beets.** 077796
of pre-planting enrichment of **sugar beet** see- 077797
adenosine triphosphatase from **sugar beet** r- 077837
temperature on germination of **sugar-beets** 077915
hydrazide on water conditions of **sugar beet** 077935
with irrigation regime of crops. [**Sugar beets**] 077945
soils for higher cereal yields. [**Sugar beets**]. 078310
Sugar beet trials at two locations in eastern 078356
progressive cultivation methods of **sugar beet** 078417
Varietal tests with **sugar beet** seed in year 078418
Yield performance of **sugar beets.** 078429
area of nutrition for plants. [**Sugar beets,** s- 078519
30 Years of cultivating **sugar beets** in Swed- 078528
Variety trials with **sugar beets.** 078529
1972 **sugar beet** harvest. 078530
Technology in production of **sugar beet** abro- 078554
in between-lines distance in **sugar beet.** 078555
Sugar beet cultivation in England today. 078585
Planning of comparative trials of **sugar beet** 078630
present & long-term problems of **sugar beet** 078786
Cercospora [beticola] leaf spot of **sugar beet** 079000
Pre-planting **sugar beet** seed treatment with 079001
Aphanomyces cochlioides. [**Sugar beets,** fun- 079114
Yellow wilt in **sugar beets.** 079198
battle with diseases. [**Sugar beets**]. 079247
Manganese: vital trace element. [**Sugar beets,** 079251
of heterodera schachtii. [**Sugar beets,** nemat- 079317
Pests & diseases in culture of **sugar beets.** 079338
selectivity of preparations on **sugar beets** & 079414
Control of **sugar beet** weeds with chemicals. 079426
with NC 8438 applications on **sugar beets.** 079477
metabolism of pyrazon in **sugar beets.** 079612
control of pests & diseases in **sugar beet** cr- 079739
Prospects in technology of **sugar-beet** harve- 080815
manufacture of KS-6 **sugar beet** harvester & 080818

Sugar-beet growing & harvesting machinery 080822
Harvesting transports of **sugar beet** leaves [080823
Tractors for **sugar beet** harvesting. 080924
Research in **sugar beet** harvesting. 080960
with phosphorus requirement of **sugar beets.** 081492
Liquid nitrogen for **sugar beets?** 081502
Sugar beets & potatoes planted in chemical- 081553
System in soil management for **sugar beet** f- 081577
with irrigation regime of crops. [**Sugar beets**] 081708
Irrigation of **sugar beet** in Danube region ac- 081710
Results of manual labor-saving **sugar beet** cu- 072876
of plant tissues water potential. [**Sugar beets**] 077946
of yellowing virosis disease of **sugar beets.** 079170
nutrition for plants. [Sugar **beets, sunflowers,** 078519
alpha-aminonitrogen in **surgar beet** as reflec- 077967
Sugar **beet trials** at two locations in eastern 078356
of comparative trials of sugar **beet varieties** 078630
Control of sugar **beet weeds** with chemicals. 079426
conclusions from low manual **work beet** cult- 078312

BEGONIAS
Name Begonia sinuata. 076665
of nerves & limbs of **Begonia** x **vitichotoma** 076885

BEHAVIOR
some economic traits & **behavioral activities** 074757
Behavioural adaptions of isopod Tylos granu- 080457
in relation to its **aggregation behaviour.** 080359
fruit injury on **behaviour** of **apples** during st- 073616
Studies on **behavior** of **boron** in soil-crop sy- 077784
distribution & **behavior** of **California** anophe- 079984
Release of aggressive & **capture behaviour** in 080404
its relation to **behavior** of **carrion** beetle (N- 080307
sodium fluoride on **behaviour** of **caterpillars** 080202
Behaviour of **Cercosporella** herpotrichoides 079078
Behaviour of **certain** biochemical indicators 075585
Behaviour of **Cesium** 137 in soils & in syst- 077565
Spectral properties & **colloidal behaviour** of 081090
retail markup analysis & **consumer behavior** 073188
Consumer behavior trends in 1970's. 073258
Observations on **behaviour** of **dairy** cows gr- 074573
time to next paddock on **behavior** of **dairy** h- 074991
Specific changes in **defensive behavior** of cats 074511
on winter survival & **diapausing behaviour** of 079843
Differential behavior in tillering & heading 077748
soils. Investigations on **discharge behaviour** 081271
of sodium pentobarbital on **eating behaviour** 074700
Unusual **electrophoretic behavior** of proteins 080666
Feeding **behaviour elicited** by electrical sti- 075038
tpreparation & its **behavior** in **environment.** 080111
acid treatment on **behaviour** of **Euonymus** e- 078176
Feeding behaviour elicited by electrical sti- 075038
Research on **feeding behaviour** in ruminants. 075085
Studies on **flight behaviour** of alate aphids in 079171
on swelling & **gelatinization behaviour** of la- 074208
Behavior of **groundwater** flow subject to time 081750
'Fly-catching': **hallucinatory behaviour** by c- 076076
Changes in **health behavior** & opinions amo- 072683
concentration] effects on **herbicide behavior** 079608
for heterosexual & **homosexual behaviour** of 080249
Knowledge of **human behavior** as basis of t- 073214
in ruminants. X. **Ingestive behaviour** in catt- 075085
Behavior of **isoenzymes** of creatine phospho- 074585
Nutrition & **behavior** & **learning.** 073804
Ecology & **behavior** of **lone** star tick (Acari- 080347
Genetic differentiations in **mating behavior** 077057
Mating behavior of southwestern corn borer 079704
Differences in **mating behaviour** of rat flea 080407
Meiotic behavior of asymmetric dyads in ma- 080266
on molting time & post-**molt behavior** of en- 080347
Notes on **nesting behavior** of Steniolia eleg- 080270
Nucleolar behaviour in lemon fruit explants 078028
capacity of meat & **behavior** of **nucleotides** in 074031
Behavior patterns. 2. [Sheep]. 074610
Behavior in **presence** of carboxine of various 077319
Behaviour of **Schattenmorelle"** on different 078711
Sex **specific behavior** of seminal cells after t- 075291
Effects on **behavior** of **streams** of granular 080881
markup analysis & consumer **behavior study** 073188
changes during **behavioural thermoregulation** 074508
Consumer **behavior trends** in 1970's. 073258
population model of spring **wheat--behavior** 077061

BEILSCHMIEDIA
Sapindaceae). [**Beilschmiedia descoingsii,** C- 076603

BELLADONNA
tube growth in **Hippeastrum belladonna.** 077398

BELTS
breeding center of central **Chernozem belt.** 077181
by potato plants in central **Chernozem belt** 077636
A palynological study for Little **Clay Belt,** 076721

BENDING
resistance to wearing & **multiple bending** of 074133

BENLATE
Benlate tolerance in Gladiolus Fusarium. [078966

BENOMYL
strains resistant to **benomyl** for **Cercospora** 078973
Determination of **benomyl residues** in soils 080084
Benomyl--a systematic way to fight fungus d- 079004

BENTHIC
Benthic macroinvertebrate community struc- 081877

BENTONITE
various groups of **bentonite** for **comparative** 073924

BENZENE
phycocyanin produced by phenol & **benzene.** 077324
of sensitivity to BHC [**benzene hexachloride**] 077749

BENZIMIDAZOLES
of some derivatives of **benzimidazole.** 079496
Effect of 2-**substituted benzimidazoles** on fu- 078995

BENZOYL
evaluation of 1-(2,6-**disubstituted benzoyl**)-3 079642

BENZYLADENINE
Effects of **benzyladenine** on **growth** of water- 078141

BERMUDAGRASS
disposal berms with **giant bermudagrass.** 081548
fragments of **bermudagrass** & **johnsongrass** 079478
Bermudagrass management on golf courses 078835
of forage production on **bermudagrass sods** 078535

BERRIES
What goes into **better berry** yields?[Strawb- 078625
pesticides in **fruits, berries,** vegetables, & ro- 073690
distance on yield, weight of **berries, number,** 078745
L., a plant with **berry** on **underside** of leaf. 076957
of projective cover in areas with **wild berry** 076870

BERSEEM
on response of **berseem** to **phosphorus** plac- 081379

BERYTIDAE
Dallas) (Hamiptera: **Neididae-Berytidae).** 079716

BETAINE
Somatic crossing over in **Lycine max** (L.) 077083

BETULA
of plant mass & energy of **Betula forests** of 078199
Injury to **Betula maximowicziana** by nemat- 079272
Betula pubescens & Betula verrucosa on peat 076395
On potential growth of **Betula pubescens** on 076396
of open peatlands with **Betula pubescens** & 076397
young Betula verrucosa & **Betula pubescens** 079081
Betula verrucosa plantations on peat. [Affor- 076388
Betula verrucosa plantations on peat. [Affor- 079077

BEVERAGES
some applications to foods & **beverages.** II. 073846
for continuous carbonation of **beverages:** So- 074292
Wine & other **beverage comsumption** in Swi- 073303
juice-flavoured milk, a **healthy beverage.** 073776
increase solution speed of **instatt beverage** 073885

BIBLIOGRAPHIES
publications; a reference list. [**Bibliography**] 073323
Christmas tree marketing; a **bibliography** (1 076427
an annotated list. [**Bibliography**]. 078679
Annotated bibliography on storage of onions 074259
Annotated bibliography of floristic lists of 076735
Bibliography of **Aphididae** of world. 080365
Bibliography of **irrigation,** drainage, river tr- 081688
A **bibliography** of **literature** concerning chr- 074627
to Argentine **phytochemical bibliography:** C- 076686
a study in history & **bibliography** of **plant** t- 076801
Bibliography of **Polish** literature on sericult- 080683
nutrition & health; a **selected bibliography.** 073801

BICARBONATE
Bicarbonate ions & resting potential of cock- 080222

BICOLOR
SEE COLOR

BIFLAVONES
Biflavones of **Sequoiadendron** giganteum. 078227

BILE
Liver & **biliary tract.** [Dogs, surgery]. 075481

BILIRUBIN
Values of **Bilirubin** in **gall** of White Leghorn 074766

BINDING
restriction & intestinal **calcium-binding** prot- 074593
Uterine **calcium-binding** protein in laying f- 074594
standard solutions on **binding curve.** 074677
evaluation of protein quality by **dye-binding** 073743
Characteristics of **enzymatic binding** of phe- 077871
application of wood inherent **binding forces** 076483
concentration by throxine **binding globulin** t- 074755
fate of riboflavin-**binding protein**-riboflavin 075323

BINS
bromide & carbon dioxide in **vertical bins.** 079934

BIOACTIVATION
Synthesis of **bioactive compounds:** juvenile 080298
Bioactivity & translocation of carbofuran re- 080068

BIOASSAY
Chemical versus **chick bioassay** for phospho- 075046
A **bioassay** for **determining** honey bee respo- 080670
Rapid sensitive **herbicide bioassay** by inhibit- 079423
a rapid, simple **quantitative bioassay.** 080326
isomers of abscisic acid in a **rapid bioassay.** 077885
analogous compounds on **various bioassays** of 077932

BIOCHEMISTRY
Biochemical aspects of protein-calorie maln- 073752
Biochemical aspects of colchicine action on 078085
Effects of **certain biochemical** treatments on 074100
Behaviour of **certain biochemical** indicators 075585
Venzar & Gatnon upon **certain biochemical** 079546
II. Cytological & **biochemical changes** in bl- 073762
Biochemical changes during root formation 077982
Biological & **biochemical characteristics** of 077303
Biochemical characteristics of root & green 077679
Biochemical characteristics of roots & green 077680
Biological & **biochemical characteristics** of 077681
Biochemical characteristics of roots & green 077682
Biochemical characteristics of roots & green 081036
Biochemical composition of eggs from hybrid 074081
Biochemical composition of blood of cows of 074802
Biochemical differentiation in flax tissue cul- 077710
some haematological & **biochemical factors.** 074813
Behaviour of certain **biochemical indicators** 075585
Biochemical indices of meat of geese infested 073696
Change in **biochemical indices** of potatoes & 078193
Biochemical mutants of Eremothecium ashb- 077411
Biochemical nature of roots & green mass of 077305
Biochemistry & physiology of Verticillium w- 079103
Study of **biochemical processes** in livestock, 074838
physiological & **biochemical processes** in pl- 079410
Gatnon upon certain **biochemical processes** 079546
physiological & **biochemical processes.** 081194
technological & **biochemical properties** of w- 077744
Biochemistry of **psychrophilic** bacteria & th- 073681
Biochemical research on fruits & leaves of a- 077298
battus on histology & **biochemistry** of **small** 075712
Structural biochemistry. XII. Synthesis of t- 079160
Biochemical studies on nitrogen compounds 077606
Biochemical studies of heterosis in sugar be- 077743
Biochemical studies on development of mito- 078121
Cell physiological & **biochemical study** of P- 076218
Phyisology & **biochemistry** of **timothy** leaf 078999
Effects of certain **biochemical treatments** on 074100

BIODEGRADATION
Stimulated biodegradation of oil slicks using 081793

BIOECOLOGY
Bioecological & population studies of cottony 079819

BIOGEOCHEMISTRY
of geobotanical & **biogeochemical data** by di- 076848
Geobotanical & **biogeochemical investigatio-s** 076849
Biogeochemical province of Amur region ch- 076070

BIOGEOGRAPHY
of taxonomy & **biogeography** of **group** (Cole- 080474
Chorology of **repeated** omissions. [Erica eri- 076625

BIOLOGY
Biology & anatomy of Scarabaeus semipunc- 080501
Effect of **certain biologic** & antibacterial ag- 075632
Biology of **Chelinidae** vittiger with notes on 079446
technicians in **biology & chemistry.** 072630
Comparative biology of Cercospora & Helm- 078906
Observations **concerning biology** of Apoica 080283
of modern ecology for **biology & control** of 079427
Biology & damage of mildew of barley. [Ery- 078958
in Glenan Archipelago: **Biologic definition** of 076838
Using technology & **biology** in **designing** cat- 080759
Biology of **development** of Erysimum canesc- 077585
Determination of **biologic efficiency** of synt- 073883
Rhythms & other **biology** of **giant** tropical 080394
Rearing & **biology** of **horn** fly in laboratory: 079988
Biology of **Hybomitra** stigmoptera Ols. (Di- 080379
in accordance with **biology** of **injurious** & us- 079669
On **biology** of **larval** nourishment of Ctenoc- 080458
Notes on **biology** of **Palaearctic** Muscids. 080237
Notes on **biology** of **Palaearctic** muscids (2) 080238
Biology of **pathogen** of crown rust of oats P- 078898
Biology of **Peristenus** stygicus from Turkey, 079808
Biology of **Petroglossum** nicaeense in relati- 077425
Systematics & **biology** of four **Polish** species 080548
Biology & productivity of some species of n- 077953
a theoretical model. [**Soil biology**]. 081108

BIOLUMINESCENCE
Bioluminescence of **seeds** of rye-grass & bar- 077628

BIOMASS
Estimation of **mycelial biomass** by determin- 081217
India). 3. Observations on **net biomass** prod- 078216
Dynamics of **biomass & primary** production 076812
Study of **root biomass** in herb layer of an o- 076183
Changes in **underground biomass** & annual i- 077940

BIOMETRICS
Biometrical studies on Formica (Serviformi- 080291
of Czech Pied breed. II. **biometrical study** of 074759
A **biometrical study** of populations of Pyrgus 080193

BIONOMICS
Bionomics & control of mango mealy bug. 079860
Second note on **bionomy** of **Hylecoetus** der- 079898

BIOSPHERE
Circulation of pollutants in **biosphere.** 081787

BIOSYNTHESIS
information on **biosynthesis** of **alkaloid** ismi- 077602
Biosynthesis of **cardenolides** in Digitalis lan- 077497
On **biosynthesis** of **carotenoids.** V. Biosynth- 077597
carotenoids. VI. **Biosynthesis** of **carotenoids** 077598
Biosynthesis of **ergotamine** by Claviceps pu- 077356
Galactolipid biosynthesis in Zea mays shoots 077849
for investigation of **biosynthesis** in **higher** pl- 077569
Biosynthesis of alpha-**linolenic** acid by disr- 078005
for study of **biosynthesis & metabolic** heter- 077492
Methionine biosynthesis & sexual reproduct- 077494
Regulation of **pentosan biosynthesis** in barl- 077884
transfer **& biosynthesis** of **phytosterols** in t- 077132
mechanisms in **biosynthesis** of **plant** starch 077572
Biosynthesis of **polysaccharides** from sugar 077571
levulinic acid on **biosynthesis** of **porphyrins** 077875
study of level of **riboflavin biosynthesis.** 077411
on cell elongation & **RNA biosynthesis.** [Pe- 078108
Enzumic mechanism of **starch biosynthesis** in 077896
possible involvement in **starch biosynthesis.** 078159
Biosynthesis of **sterol** glycosides in cell-free 077269
In **vivo biosynthesis** of alpha-linolenic acid 077355

BIOTOPES
of species in function of **biotopes.** 080437

BIOTRANSFORMATION
SEE TRANSFORMATION

BIOTYPES
associated with Brucella abortus (**biotype** 1) 075906
Agressive biotypes of potato wart in Czecho- 079093
of neotype strains & of **biotype reference** st- 075721

BIPHENYLS
Hydrocarbons & **plyyclorinated biphenyls** f- 073950
silo contain PCB [**polychlorinated biphenyls**] 074335
Polychlorinated biphenyls: occurrence & bio- 080130
Polychorinated biphenyls in solid wastt & s- 081773

BIRCHES
energy of Betula forests of **birch-grove** forest 078199

BIRDS
On introduction history of mammals & **birds** 074379
Use of steroid anaesthetic CT 1341 in **birds.** 075567
virus, a virus associated with ticks & **birds.** 079948
of Fabricius & thymus in **birds affected** with 075884
Birds of a **cattle** feedlot in southern Califor- 073002
Cryptococci of **commercial bird** feeds. II. C- 074356
Alectoris rufa L.) [**Starlings, control**]. 079242
Dermanyssus gallinae eradication on poultry 080015
A **birds-eye**-view of opoato industry. 073405
mash on growth & weight of **birds** during **la-t** 074863
troubles induced in **birds & mammals.** [Inse- 076120
partum rebreeding of **Nungua Blackhead** sh- 075239
problem" out of ordinary. [**Birds, Pests,** con- 079225
A problem of starling "guano"! [**Birds, pests**] 079264
pellet food for larger **psittacine birds** for pr- 075684

BIRDSFOOT
for seedling vigor in **birdsfoot trefoil.** 077068
of red & alsike clover & **birdsfoot trefoil.** 078337

BIRTH
disease problems of cows in calf & **calving.** 075383
in cows & insemination after **calving.** 075396
disease problems of cows in calf & **calving.** 075533
exposed to challenge inoculum at **birth.** 075614
Flora of **Natal.** 076771
species in Highland Sourveld of **Natal.** [Gra- 078403
Bacterial leafspot of lettuce in **Natal.** [Xant- 079132
seeded species in highland sourveld of **Natal** 079502
Radopholus similis (Cobb) in **Natal.** 079653
species in Highland Sourveld of **Natal.** 081420
Wintering strategy for spring **calving beef** c- 075357
Clinical studies on **bovine parturition:** foetal 075191
Diseases of **newborn calf.** 075507
Study on **calf neonatal** diarrhea: Enterotoxic 075854
content in faeces of **newborn calves.** 074598
of blood serum of **newborn calves.** 074829
pathogenesis of dyspepsia in **newborn calves** 076101
of colostral globulins by **newborn dairy** calv- 074803
Study on calf **neonatal diarrhea:** Enterotoxic 075854
of various breeds with **different birthweight** 074765
in intestines of **newborn domestic** animals. 074684
Postpartum estrus as an indicator of reprod- 075257
in normal & porphyric **fetal, neonatal** & adu- 074596
Effect of age at **first calving** on performance 075335
Effect of age at **first calving** on some param- 075341
Management & disorders of **newborn foal.** 076083
Induced calving--a labor saving tool. 075218
fur characteristics of their **newborn lambs.** 075003
in cows, incidence of **stillbirths** & losses of 076105
Normal parturition in a case of leukaemia of 075293
prolactin during late **pregnancy, parturition** 075350
machines: **birth** of **PROMAFEX.** 073231
fat & liver of foetal & **newborn rabbits.** 074561
plasma around **parturition** with **special** refer- 075175
Wintering strategy for **spring calving** beef c- 075357
Failure of prepartum of **neonatal steroid** inj- 075209
tissue preparations from **neonatal swine.** 074535
of Pinzgau heifers since their **calving until** t- 074528

BISBENZYLISOQUINOLINE
a new **bisbenzylisoquinoline alkaloid** from T- 077399

BITCHES
SEE DOGS

BITHIONOL
Effect of **bithionol** on **milk** & meat quality. 073694

BITING
Nightly patterns of **biting activity** & parous 079977
Pear psylla take **big bite.** [Psylla pyricola] 079839
New species of **biting midges** of genus Culic- 080587
New species of **biting midges** of genus Culic- 080588

BITTER
a process for reducing **juice bitterness.** 074282
Bitter pit in apples: effect of calcium on pe- 079329

BIURET
Cottonseed meal & **biuret mixtures** as winter 074931
with varying amounts of **biuret** on **yield** & q- 081289

BIVALENTS
SEE VALENCE

BLABERUS
pads in Blattella & **Blaberus** with **respect** to 080351

BLACK
XIV. Round leaf x Obcordifolia (N-**Black**). 077154
optimum growth of **black alder** in comparab- 076262
of blood serum transferrines of **Altai Black** 075238
Present trends in **Black-and**-White cattle br- 075313
Black-and-White Lowland cattle breeding in 075314
Research on **bacterial black** spot disease of 079131
of "flavory" & "non-flavory" **Ceylon black** t- 073877
analysis of radial growth of **black cherry** (P- 078200
Leaf infection with **citrus black** spot & peri- 079083
salinity conditions on deep **black cotton** soil 081084
of roots of mother bushes of **black currants** 076983
salinity conditions on **deep black** cotton soil 081084
Oviposition of **black flies** (Simuliidae) in no- 080380
testing of Charolais & **German Black**-Pied 075374
Black Hills (South Dakota) flood of June 1 081707
yield per hectar in fields of **black kidney** be- 078621
Czech Large White, Landrace & **Large Black** 075333
of inorganic phosphorus in **medium black** soi- 081095
of potassium in soils of **northern Black** Sea 081152
of young Tombov Red, **Black Pied** & Simm- 074485
testing of Charolais & German **Black-Pied** 075374
productivity of cows of **Black Pied** & Ayrshi- 075421
Preliminary evaluation of **Black Pied** bulls 075434
Large White, Landrace & Large **Black pigs** 075333
habits of soil Oribatei in a **black pine** plant- 080375
New developments in **black pod** epidemiolo- 078954
of covering of soil with **black polyethylene** 078746
phosphorus compounds in **black & red** soils 081092
productivity of young Tombov **Red, Black** P- 074485
a "satellite" RNA in tomato **black ring** virus 079179
Development of bacterial wilt, **black root** rot 077034
Physiologic races of wheat **black rust** (Pucc- 078950
Larger loss in yield by **black rust:** chemical 079050
of potassium in soils of northern **Black Sea** 081152
bacterial wilt, black root rot & **black shank** 077034
inorganic phosphorus in medium **black soils** 081095
Leaf infection with citrus **black spot** & peri- 079083
Research on bacterial **black spot** disease of 079131
flavory" & "non-flavory" Ceylon **black tea** a- 073877
Investigations on control of **black tip** disord- 079217
species & a "satellite" RNA in **tomato black** 079179
transferrines of Altai **Black Variegated** & R- 075238
Physiologic races of **wheat black** rust (Pucc- 078950
Development of bacterial **wilt, black** root rot 077034

BLACKFLIES
diurnal, & yearly rhythms in **blackfly** (Dipt- 080256

BLACKLIGHT
SEE LIGHT

BLADES
Leaf **blade areas** of grain sorghum varieties 077013

BLAST
improvement ditches by means of **blasting.** 081544

BLASTODERM
in vitro in epiblast of **chick blastoderm.** 074670

BLASTOMYCOSIS
North **American blastomycosis** in two dogs 075666

BLASTOPHAGA
of galleries of **Blastophagus piniperda** L. (C- 079912

BLATTARIA
cerci of polyphagid cockroaches (**Blattaria:** 080294

BLATTELLA
of rectal pads in **Blattella & Blaberus** with 080351
of juvenile hormone in **Blattella germanica:** 080326

BLEACHING
of estimation of linen **bleached fabrics** prop- 074194
Oxygen bleaching: a mill-tested approach to 081856
degradation during **oxygen bleaching.** 076541
Inhibitors in **pulp bleaching.** 076486
during autoxidation of **bleached rapeseed** oil 074246

BLEEDING
substances in roots & **bleeding sap** of annual 077608
compounds in roots & **bleeding sap** of certain 077609
Amino acids in **bleeding sap** of grapevine. I. 078079
Amino acids in **bleeding sap** of grapevine. II 078080

BLENDING
vegetable tanning systems & **extract blends** 073984
foots & effects of **blending** with other **fats.** 075037
for use in protein fortified **food blends.** 074098
by calculation of properties of **pulp blends.** 076527
On methods of **blending variants** in field ex- 077174

BLIGHTS
Bacterial blight disease of paddy in India. 079135
in reducing incidence of **bacterial blight** in c- 079144
Burrill) Winslow et al. (**fire blight** of pear) 079137
Narita & Hiratsuka) & yellow **leaf blight** of 079067
Presence of bean ashy **stem blight** (Macrop- 078891

BLOAT
Bloat season is here so take precautions now 076023

BLOOD
Utilisation of **blood.** [Slaughter-house waste, 073841
Preservation of **blood** by **allylisothiocyanate** 074060
Basic blood values in livestock. VII. Erythr- 074768
Basic blood values in livestock. IX. obligue 074774
On results of dried **beef blood** plasma appli- 074006
Factors to consider in **canine blood** transfus- 075497
Change in total lipids of **chick blood** in cases 075599
Blood circulation in ovarian follicle of ovari- 074506
Influence of **blood, conserved** before drying 075073
Influence of **blood, conserved** before drying 075074
graminearum on change in **blood count** of fu- 076117
Biochemical composition of **blood** of **cows** of 074802
metalloproteins in **dog blood.** 074819
Transaminases. [Livestock, **blood enzymes**] 074584
feeding on bodyweight, production, **blood fat** 075158
Blood-feeding requirements of mosquito: geo- 080026
Extraction of calcium from **blood fibrin** with 074746
carpus. 1. Effects of dermal **blood flow** & cu- 074547
cow, & its use in measurement of **blood flow** 074787
amino-transferase separated from **fowl blood** 074673
Influence of fasting on **blood gas** tension, pH 074538
A & nonspecific gamma-**globulin** on **blood** cl- 074810
Studies on **blood glucose** content in healthy 076065
moisture regime on level of **glycogen, blood** 074809
among lines in distribution of B **blood group** 074674
Correlation between **blood groups** & some ut- 075177
Blood level of progesterone & cell picture of 076085
Determination of spiramycin **blood levels** & 074811
Transaminases. [**Livestock, blood** enzymes] 074584
Distribution & **blood-to-milk** transfer of lab- 075637
cockerels upon food intake, **obesity, blood** p- 074751
Conditions of **blood picture** (hemogram), pr- 074695
acids, glucose & lactate in **blood** of **pigs** for 074553
On results of dried beef **blood plasma** appli- 074006
separated from fowl **blood plasma** globulins 074673
upon food intake, obesity, **blood plasma** trig- 074751
GPT/ EC 2.6.1.1 in tissues & **blood plasma** 074772
feeding on bodyweight, **production, blood** fat 075158
physiological indices of **blood & productivity** 074823
of catalase & peroxidase in **rabbit blood.** 074818
biochemical changes in **blood** of **rats** given h- 073762
Composition & evaluation of **blood sausage** 074018
changes in protein fractions of **blood sera** of 075888
of phosphorus content in **blood serum.** I. [C- 074683
amino transferases in **blood serum** of horses 074695
activity of certain enzymes of **blood serum** of 074824
protein & protein fractions of **blood serum** in 074827
On protein composition of **blood serum** of n- 074829

Polymorphism of **blood serum** transferrines 075238
of milk production, milk & **blood serum** pro- 075352
Agglutinin formation & **blood serum** protein 075605
lipoproteins & glucoproteins of **blood serum** 075609
Proteins & fractions in **blood serum** in cases 075927
Proteins of **blood serum** of calves infected w- 075970
Bactericidity of **blood serum.** 075992
Agglutinin formation & **blood serum** protein 075993
of alkaline phosphatase in **blood serum.** [Li- 076099
Citric acid & calcium in **blood** of **Sicily's** go- 074505
Determination of **spiramycin blood** levels & 074811
from hens of a normal & a **blood-spot** strain 074716
regime on level of glycogen, **blood sugar** & g- 074809
V. Skin, central nervous **system, blood** & m- 076018
Observations on method for **blood testing** for 075987
Infusion therapy & **blood transfusion** in dog 075487
Technique of **blood transfusion** in dog. 075498
to consider in canine **blood transfusions** & its 075497
Basic **blood values** in livestock. VII. Erythr- 074768
Basic **blood values** in livestock. IX. obligue 074774
Blood vessels & spleen. [Dogs, surgery]. 075486

BLOODSUCKING
Bloodsucking Diptera from central regions of 080589

BLOSSOM
SEE FLOWERS

BLOTCH
tolaasii Paine. [Borwn **blotch, Agaricus** bisp- 078917

BLOW
cubic meters of timber are **blown down** in 076205

BLOWFLIES
in tsetse fly (Glossina morsitans) & **blowfly** 080226
of a phenol oxidase from **blowfly Calliphora** 080244

BLUE
Effect of trypan **blue administration** on mor- 075441
for preserving fluorescence of **aniline blue** in 076994
staining of callose by **aniline blue** & lacmoid 076997
of community of fungi **causing blue** stain. 076560
of, & for replica-plating, **filamentous blue-gr-** 077341
decarboxylation in nitrogen-**fixing blue-green** 077544
Stoloniferous **blue grama.** [Bouteloua gracilis 077779
Pattern formation in **blue-green** alga, Anaba- 076940
aminoacyl-tRNA synthetases of **blue-green** a- 077325
of glucose by unicellular **blue-green** algae. [077331
activity in heterocystous **blue-green** algae. [077333
polysaccharides produced by a **blue-green** al- 077339
for replica-plating, filamentous **blue-green** a- 077341
growht of a "heterotrophic" **blue-green** bact- 077433
growth of an "autotrophic" **blue-green** bacte- 077434
on spontaneous mutation in **blue-green** alga 077467
acid & heterocyst development in **blue-green** 077481
Large ferredoxin crystals from a **blue-green** 077539
in nitrogen-fixing **blue-green** alga Anabaena 077544
treatments for control of **blue & green** moul- 079018
nitrogenase activity in **heterocystous blue-gr-** 077333
Intraspecific transfer of **blue mold** resistance 077035
chemical control measures of **blue stain** infe- 076460
of community of fungi causing **blue stain.** 076560
Stoloniferous blue grama. [Bouteloua gracilis 077779
Effect of **trypan blue** administration on mor- 075441
Metabolism of glucose by **unicellular blue-g-** 077331
sections of colon with **victoria blue** 4-r as an 075995
Modifications undergone by **wet blue** in pro- 074044

BLUEBERRIES
Evaluation of highbush **blueberry cultivars.** 078682
Pollination of **blueberries** in **Saint** Jean Lake 080668

BLUEGRASSES
on competitive ability of **annual bluegrass (** 078620
Control of **annual bluegrass** (Poa annua) in 079584
on root strength of Sherman **big bluegrass** 077671
effects of bromacil on **kentucky bluegrass** & 079606
A simple mill for **bluegrass seed.** [Poa prat- 080858

BLUEPRINT
forces a new **blueprint** for **California** mosqui- 079963

BLUESTEM
Plains **bluestem establishment** & manageme- 078455
Plains **bluestem fertility** test. [Agropuron s- 081485

BLUETONGUE
of extracapsid coat in **certain bluetongue-ty-** 075789
in vivo transcription of **bluetongue virus** gen- 075788

BOARDS
industry. Conversion to paper and/or **board** 076535
Statistical quality control of **flax board** phys- 076509
Potato **Marketing Board** in Great Britain. 073261

BOARS
SEE SWINE

BODYWEIGHTS
feeding on **bodyweight, production,** blood fat 075158

BOGS
compounds of a northern Michigan **bog, bog** 081433
Applying mineral fertilizers to **eroded bog-p-** 081403
in different crop rotations in **bog-podzolic** so- 081007
of mobile phosphates in **bog-podzolic** & gray 081153
of heavy textured **bog podzolic** soils. 081176
in field crop rotation in thick **bog-podzolic** 081306
On effectiveness of fertilizers on **bog-podzol-c** 081310
fertilizers to potatoes in **bog-podzolic** soils of 081404

BOILING
of variable higher hop doses of **first boiling** 073813
of consistency of **boiled muscle** tissue based 074001
Boiling point elevation & supersaturation of 074103

BOLLS
upon fruiting & shedding, **boll characteristics,** 077912

BOLLWORMS
Partially sterilized adult **pink bollworms:** re- 079701
population studies of **pink bollworm** in arid 079703
dynamics study of **bollworm & tobacco** bud- 079706

BOLORIA
Boloria aquilonaris Stichel, 1908 & its distr- 080511

BOMBACOPSIS
propagation of **Bombacopsis quinata** (Jacq) 076386

BOMBUS
salt marsh plants by bumble **bees, Bombus** 077314
Lake area. I I. Role of **bumblebee, Bombus** 080668

BOMBYLIIDAE
Cytotaxonomy of **Bombyliidae** (Diptera). 080507
revision of **Bombyliidae** of **Senegal** (Diptera 080566

BOMBYX
of motor neurons in **Bombyx mori.** 080325
eggs of following generation. [**Bombyx mori**] 080662
on silk fibroin of silkworm **Bombyx mori.** 080663
Studies on silk fibroin of **Bombyx mori** dire- 080664
Studies on silk fibroin of **Bombyx mori** dire- 080665
silkwork breeds in Japan. [**Bombyx mori**]. 080672
hormone from silkworn, **Bombyx mori.** 080675
of silkworm eggs. [**Bombyx mori**]. 080680
Polish silkworm hybrids **(Bombyx mori** L.) 080681
of polyhybrid silkworm **(Bombyx mori** L.) e- 080682

BONDING
il. Effect of reduction of **disulfide bonds** & s- 080665
Sod **bonding methods.** [Silviculture]. 076382
cleavage of single tryptophanyl **peptide bond** 074623

BONES
Enzymatic removal of meat from **bones.** 073996
Study of **animal bones** from excavations of 074691
of a crosslinked peptide from **calf bone** coll- 074559
Osteolytic **bone destruction** in a cat with i- 076028
of growth plates of two **long bones** of turkey 074782
Bone magnesium, calcium & strontium conc- 074652
of liver reticuloendothelial & **bone marrow** 075689
Bone meal of new production technology in 075136
Use of meat-**bone meal** in fattening cattle. 075163
in form & structure of **metacarpal bones** with 074760
changes in estimated values of **bone mineral** 074548
on development & growth of **rat bones** & te- 074970
parts, & meat, skin & **bone ratios** in chicken 074079

BOOKKEEPING
SEE ACCOUNTING

BOOKS
List of **books** & **articles** on agrarian history 072625
A **primer**-less **form** of potato phosphorylase 078159
Present & **future book** supervision of forest 076313
Results from **record books;** broiler producti- 073354
Results from **record books:** production of ha- 073355

BOOPHILUS
Boophilus annulatus: effect of host nutrition 079999
factor" of tick **"Boophilus micropius"** (Can.) 075844
larva of cattle tick **(Boophilus microplus).** 080198

BORDEAUX
With regard to **Bordeaux mixture.** [Fungici- 079012

BORDERS
stability of forest workers in **borderland.** 076274
Testing & growing limber & **Mexican border** 078201
of peaches suitable for **border regions.** 078641

BORDETELLA
of R factors in **Bordetella bronchiseptica** iso- 075636

BORERS
chilonis Munakata on rice stem **borer, Chilo** 079721
Trial of **corn borer** Ostrinia nubilalis Hb./ t- 077906
Mating behavior of southwestern **corn borer** 079704
Occurrence & control of European **corn bor-r.** 079712
corn varieties to stalk-**borer infestations.** [C- 079756
Situation of insects & **borers** on **sugarcane** p- 079693
studies on chestnut twig **borer, Toxoscelus** a- 079793
Control of Japanese **wood borer** in imported 079893

BOREUS
A southern Californian **Boreus, Boreus** noto- 080391

BORING
for determining direction of **insect boring** th- 073579

BORON
Trace elements in food. IX. **Boron.** 073868
of determination of **boron** by **curcumine.** [So- 081197
Diagnosis & control of **boron efficiency** in g- 079223
Studies on roles of **boron** in **growth** & sugar 077834
nutrition of cotton under two **boron levels.** I 077666
Dynamics of **manganese, boron,** zinc, iron, 077305
Effect of **boron & manganese** nutrition on st- 078071
systems. 2. Absorption of **boron** by **plants** fr- 077784
Effect of **boron** on **synthesis** & transformati- 077964

BORRELIA
antigenic relationship with **borrelia canis.** 075915

BOS
treatment on lactation in **crossbred Bos** indi- 075195
of bony tissue in aurochs **(Bos primigenius** 074686

BOSTRICHIDAE
by Dr. S. Endrody-Younga. 5. **Bostrychidae** 080612

BOTANISTS
Homage to Raymond Bouillenne. **[Botanists** 076574
Antonio Scopoli in Slovenia . **[Botanists].** 076583
Beal centennial 1873--1973. **[Botanists].** 076586
Henry Anderson (1899--1960). **[Botanists].** 076589
memory of Dr. Frant. A. Novak. **[Botanists]** 076591
memory of Dr. Cenek Novotny. **[Botanists]** 076592
Vernon Morton, 1905--1972. **[Botanists].** 076595
Marcel Raymond, 1915--1972. **[Botanists].** 076596

BOTANY
Botanical composition of subterranean clover 074857
Research **concerning botany** & chemistry of 077593
500 Years of **exotic botany** in Belgium (XIII 076578
Botanical Garden of Goteborg. 076590
Tydeidae) from Nikitsky **Botanical Gardens** 080653
Code of **Botanical Nomenclature]** & fossil s- 076804
presented at meetings of **Botanical Society** 076576
Botanical source areas of wild herbage legu- 076811
Botanical structure of sown grassland. I. On 078400

BOTHRIOCHLOA
management. **[Bothriochloa ischaemum].** 078455

BOTRYTIS
Reaction of onion cultivars to **Botrytis** [cine- 079054
possibilities of its limitation. **[Botrytis alii]** 078975
of tomato fruit caused by **Botrytis cinerea** 078932
Parasitic fungus **Botrytis fabae** Sard. in con- 078920
Fungi of **genus Botrytis** Micheli in Lithuania 077304
rot of salad plants. **[Sclerotinia, Botrytis].** 079013

BOTTLING
Secondary fermentation in casks & in **bottles.** 073919
storage of orange juice in **bottles.** 074262
Aseptic bottling in a clean room. [Milk]. 073967

BOTTOMLAND
evaluations in row crops for **Brazos bottom,** 079561
in sudanian zone: example of **bottom-lands** in 078264
of dominant grasses in **bottom sediment** from 077936

BOTULISM
of potential risk of **botulism** from **seafood** c- 073566

BOUNDARIES
in Maniola jurtina; **boundary region.** 080620
gradients & **boundaries** of **xerothermic** com- 076869

BOUTELOUA
Stoloniferous blue **grama. [Bouteloua gracilis]** 077779

BOVICOLA
sevin for treating cattle with **Bovicola bovis** 080043

BOVINE
Know your calves & **cows.** 074389
on circulation & rumenal motility in **cow.** 074552
of heat stress on milk production of **cows.** 074600
oil on plasma lipids & milk fat in **cow.** 074983
feed intake of Afrikaner heifers & **cows.** 075004
for days open in sire evaluation. **[Cows].** 075256
affecting reporoductive function in **cows.** 075398
after choriongonadotropin therapy in **cow.** 075445
occurrence of vibrionic miscarriage in **cows.** 075919
Parturient paresis. A review. **[Cows].** 076009
Round yard aids managemant. **[Cows].** 080711
a case of leukaemia of genital organ of a **cow** 075293
patterns of Staphylococeus aureus. **[Bovine]** 075781
of Salmonella dublin with **bovine abortion** in 075645
practices to development of **acute bovine** pu- 076043

"Fog fever" (**acute bovine** pulmonary emphy- 076097
Distribution of antibody to **bovine adenovir-s** 075627
formation of plaques by **bovine adenovirus** on 075883
in **cows** before & after **administration** of cer- 074826
of malic enzyme activity in **bovine adrenal** 074556
of a renin-like enzyme in **bovine adrenal** bl- 074608
as winter supplements for **beef cows.** 074931
levels to drylot-fed gestating **beef cows.** 074961
Feeding grass straw to wintering **beef cows.** 075029
strategy for spring calving **beef cows.** 075357
Evaluating productivity of **cows** of **Black** Pi- 075421
productivity & effectiveness of **cow breeding** 075402
Prophylaxis in **bovine brucellosis.** 075775
test in diagnosis of **bovine brucellosis.** 075835
meat & meat breeds of **cows** with **bulls** of m- 075415
Primary structure of kappaB **bovine caesine: Cow-calf** grazing studies on comparative pas- 074604
Fattening centers & line of **cow-calf.** 074906
of selection of heifers & first **calf cows** on r- 074926
Health & disease problems of **cows** in **calf** 075311
epithelial cell type within **bovine cervical** m- 075383
Suppression & control of **bovine coccidiosis** 074649
in milk fat composition [**Cows, Czech** Red P- 075900
process & rumen digestion of **dairy cows.** 075329
of cattle production--feeding of **dairy cows** & 074369
insulin & growth hormone in **dairy cows;** di- 074453
Feeding **dairy cow** in winter. 074504
process & rumen digestion of **dairy cows.** 074841
production & feed utilization in **dairy cows** 074842
for determining digestibility. [**Dairy cows,** f- 074962
rate of eating during a meal in **dairy cows.** 074964
Cheaper & easier to feed **dairy cows** a comp- 074984
Feeding of **dairy cow** & its effects on qualita- 075009
Advice on **dairy cow** feeding. 075093
body measurements of **dairy cows.** [Czech R- 075111
of cattle production--feeding of **dairy cows** & 075331
Observations on behaviour of **dairy cows** gr- 080965
automation in feeding **dairy cows.** 074573
composition of blood of **cows** of **differing** pr- 080926
Bovine distomatosis; comparative tests of va- 074802
in normal bovine & in **bovine erythropoietic** 075672
fecal urobilinogen in **bovine erythropoietic** 074591
Iodine content in cow's milk with **cows fed** 075994
determining digestibility. [Dairy **cows, feed**] 073983
Production of milk from **feeding cow:** with a 074964
deficiency of these elements. [**Cows, feeding** 074925
Advice on dairy **cow feeding.** 075031
Organization of **cow feeding** in industrialized 075111
Listeria monocytogenes from **bovine fetus.** 075162
of newborn: ovine & **bovine fetuses** vaccinat- 075921
of vestibulum vaginae in **cows** with **follicular** 075614
S.A. And Canada: Auctions; a **Friesian cow** 076085
of rennin & pepsin in **bovine gastric** juice. 072793
on behaviour of dairy **cows grazing** para gra- 074567
cattle. II. Forage intake of **cows grazing** on 074573
synthase phosphatase from **bovine heart:** Ac- 074988
in reproduction of **cows** & **heifers.** 074558
pathologic ovaries of **cows** & **heifers.** IV. Zi- 075292
Estimating heritability of **Hereford cow** wei- 075559
metabolism of **Holstein cows.** 075254
hemoglobin types in **Holstein cows,** Zebus, 074658
requirement in industrial **cow husbandry.** 075352
of postnatal diseases in **cows, incidence** of st- 074948
Feed reserve requirement in **industrial cow** 076105
para-influenza-3-, IBR-, [**infectious bovine** r- 074948
Isolation of virus of **infectious bovine** rhinot- 075657
findings related to **infectious bovine** rhinotr- 075921
protein excretion in **bovine** as **influenced** by 075953
Sterility in **cows** & **insemination** after calvi- 074653
Primary structure of **kappaB bovine** caesine: 075396
expression of pain. [**lameness, cows,** pigs, d- 074604
for dairy farms with varying **cow-land** ratios 076011
Bovine leptospirosis in Massachusetts. 072908
agent from plasma of a **leukemic cow.** 075742
Fecundity of **cows** in **light** of cytogenetic re- 076056
Characterisation of heparin in **bovine liver** c- 075310
for diagnosis of **bovine lympholeukosis.** 074622
Stearyl-CoA desaturase of **bovine mammary** 075987
Tissue culture method for **bovine mammary** 074543
laying hens various levels of **cow manure** on 074659
quarter milk yield caused by **bovine mastitis** 075039
vein in **cow,** & its use in **measurement** of bl- 075643
for sugar in feed rations of **milch cows.** 074787
Enzymes in **bovine milk:** a review. 075095
Purified **bovine milk** (lipoprotein) lipase: act- 073765
Enzymes in **bovine milk:** a review. 073929
Iodine content in **cow's milk** with cows fed 073943
content & amount of protein in **cow's milk** in 073983
genus in udders of **milking cows.** I. Laborat- 075412
some chemical properties of **bovine muscle** 075750
Bovine muscular cysticercosis: Methods of 074646
Fungi isolated from **bovine mycotic** abortion 075580
glycolytic intermediates in **normal bovine** & 075834
Canada: Auctions; a Friesian **cow obtains** ei- 074591
venous plasma of **cows** during **oestrous** cycle 072793
Bovine parasitic gastro-enteritis/bronchitis: 075174
Clinical studies on **bovine parturition:** foetal 075914
Feed processing for high **performance cows.** 075191
luteinizing hormone] in **bovine peripheral** p- 074344
expression of pain. [lameness, **cows, pigs,** d- 075175
after sexual maturation in **bovine pineal** gla- 076011
Trypsin inhibitor from **bovine pituitary.** 074520
074502
cattle with special reference to **bovine PPD** 075651
equal concentrations of avian & **bovine PPD** 075870
conditions on **cows** during **pregnancy** & bre- 075399
structure of ovaries of **pregnant cows.** 074812
concentrates in rations of **cows producing** 4, 075160
to development of acute **bovine pulmonary** 076043
"Fog fever" (acute **bovine pulmonary** emphy- 076097
Purified bovine milk (lipoprotein) lipase: act- 073929
to study of fertility of **cows** of **Red** Danish 075332
Future research in **bovine reproduction.** 075185
Structure of **bovine respiratory** syncytial vir- 075639
IBR-, [infectious **bovine rhinotracheitis**] B- 075657
of virus of infectious **bovine rhinotracheitis** 075921
related to infectious **bovine rhinotracheitis** 075953
anaerobic mycoplasma from **bovine rumen.** 074635
Comparison of fertility of **bovine semen** coll- 075192
by biomagnetic treatment of **bovine semen.** I 075371
conglutinating complement in **bovine serum** 074847
Bovine serum LH, GH, [Luteinizing hormo- 075350
of microflora of air in a **cow shed.** 075755
On feeding pregnant dry **Simmental cows** w- 075144
productivity of Romanian **Simmental cows.** 075341
first calving on performance of **Sindhi cows** 075335
Bovine sperm fractionation. I. Selective deg- 075208
breed) crosses between Red **Steppe cows** & 075413
for handling dairy & **suckler cows.** 080998
in **bovine** after **synchronization** with melege- 075270
approach to treatment of **bovine tetanus.** [C- 075899
to productivity in **cows** of **various** breeds. 075406
lymphocyte responses during **bovine viral** di- 075615
Immunization for **bovine viral** respiratory di- 075792
bovine rhinotracheitis] BVD [**bovine virus** d- 075657
Bovine virus diaarhea associated with severe 075895
heritability of Hereford **cow weights.** 075254
on health & milk yield of **cows** & **young** catt- 075169
hemoglobin types in Holstein **cows, Zebus,** 075352

BOYS
Metabolic responses of **adolescent boys** to 073711
Metabolic responses of **adolescent boys** to 073712

BRACHIARIA
Vickery & a new combination in **Brachiaria** 076727
dairy cows grazing para **grass, Brachiaria** m- 074573

BRACHYCERA
Bombyliidae of Senegal (Diptera: **Brachyce-a)** 080566

BRACHYPTERA
A specimen of **Euthystira brachyptera** (Ocsk 080523

BRACKISH
Effect of **brackish shrubveld** & grass pastures 075003

BRACONIDAE
Cameron) (Hymenoptera: **Braconidae).** 080360
Braconidae (Humenoptera) of subfamily Ag- 080482
Braconidae. 5. Microgasterinae & Ichneutin- 080564
antefurcalis (Szepl.), an **Ethiopian braconid** 080604
Hymenoptera: **Braconidae, Euphorinae).** 080548
Afrique Centrale) **(Hymenoptera, Braconidae,** 080472
wasps-braconids **(Hymenoptera, Braconidae** 080483

BRAHMAN
SEE CATTLE

BRAIN
Circadian rhythms of **chicken brain** tempera- 074663
by electrical stimulation of **brain** in **chickens** 075038
nutritional consequences of **brain lesions:** a 074629
cerebrospinal fluid] of **cerebral ventricles** of 075501

BRAN
grain, sieved rye-flour, break flour & **bran.** 074230
Rice bran & polish. 074142
Phosphatases from **rice bran.** 074153

BRANCHES
optimum combining of **agricultural branches** 072942
of production program to **branch demands.** 072847
Dichotomous branching of stalk & absence of 077090
Use of **Eoniferae branches** in manufacturing 076437
Poultry rearing: A **branch** with **increased** ri- 073476
of vagus nerve & of **internal branch** of acces- 074709
for meat as a new **branch** of **large**-scale ani- 074481
gun & cutter for **obtaining branches** from tr- 076352
VII. Palaeogenesis of **southern branch** of Ix- 080585
Wood anatomy of **stem, branches** & roots of 076962
Five Year Plan & tasks of **branches** of **wood** 073450
III. ways of **branching** of **woody** plants. 076990

BRASSICA
meiotic pairing in a & b genomes of **Brassica:** 077079
of fatty acid content in **Brassica arvensis** se- 077889
prepreparatory method. [**Brassica napus**]. 077754
varieties of early cabbage **(Brassica oleracea** 077074
of white early cabbage **(Brassica oleracea** var 077075
development of kohlrabi **(Brassica oleracea** 078012
injuries on cauliflower **(Brassica oleracea** var 079248
of glucosinolates in **Brassica seeds.** Photome- 077993
Flavonol glycosides in **Brassica & Sinapis.** 076746

BRASSICACEAE
relationship in **family Brassicaceae.** 076742

BRASSICAE
for control of clubroot of **brassicae.** [Plasm- 078905
last larval instars of **Barathra brassicae** infe- 080335
Myzus persicae, **Brevicoryne brassicae**]. 079171
of cabbage maggots. [**Hylemya brassicae**]. 079816
Respiration features of **Pieris brassicae** (L.) 080232
system & perilemma of **Pieris brassicae** (L.) 080415

BREAD
polyol glycosides as **bread additives.** 074109
Modes & methods of **bread baking.** 074184
Bread consumption in Brazil. 073770
Elasticity of **bread crumbs.** 074115
Germ bread. [Wheat]. 074219
Bread loaf: Test of a definition. 074129
problems of mixed **bread manufacture** under 074128
Glume fertility in **primitive bread** wheats of 077255
Breadmaking properties & special flours: Pe- 074215
with deep freezing of **bread** & **small** pastries 074117
baking properties of **bread supplemented** wi- 073767
of chlorophyll mutations in **bread wheat.** 077261
Odour of **white bread.** IV. Quantitative dete- 074243

BREAKAGE
Breaking apical bud dominance in arvi corms 078029
Methods of **determining breaking** load, leng- 074133
Breaking of **dormancy** of apple embryo (Pir- 078143
of almond. [**Dormancy breaking**]. 078179
of peach varieties. II. [**Dormancy breaking**] 078180
of rye grain, sieved rye-flour, **break flour** & 074230
Resistance & **break**-up of **soil** in use of culti- 080849

BREAKDOWN
Breakdown & decomposition of sweet chest- 081160
Breakdown & decomposition of sweet chest- 081161
Enzymic mechanism of **starch breakdown** in 077865
Textural breakdown in canned apricots. 074263

BREAKFAST
Rice **breakfast cereals** & infant foods. 074147

BREAST
Relationship of D.B.H. [**diameter breast** hi- 076287
composition of depot fat & **thigh** & **breast** 074726

BREEDING
Accounting methods for fur **breeder.** 072912
varieties & scientific research on **breeding.** 073085
under different conditions of **breeding.** 074714
of a beef cattle herd improved by **breeding.** 075033
of iodine test to select minks for **breeding.** 075299
of a beef cattle herd improved by **breeding.** 075312
economic effectiveness of **interbreed** (industr- 075413
increasing rate of using sows in **breeding.** 075423
fattening qualities of Livny swine [**Breeding** 075431
Possible use of translocation in **breeding.** [077060
cereals (with recommendations for **breeding)** 077062
we have peppers free from virosis? [**Breeding]** 077069
in rice, Oryza sativa L. [**Breeding**]. 077110
Evaluation of rice quality. [**Breeding**]. 077135
Better protein from corn? [**Breeding**]. 077136
Strawberry shapes up. [**Breeding**] agricultur- 077141
in wheat (Triticum aestivum) **breeding.** 077151
varieties of USA as stock for **breeding.** 077172
varieties & scientific research on **breeding.** 077180
with winter wheat in Siberia. [**Breeding**]. 077191
incompatible sugar beet plants. [**Breeding**] 077211
aneuploidy in research & **breeding.** [Plants] 077235
Flax--oil & textile plant. [**Breeding**]. 077242
plums & prospects for thier use in **breeding** 077245
production in flue-cured tobacco. [**Breeding.** 077239
ability of spring wheat varieties. [**Breeding**] 077244
Experiences with **breeding alfalfa** in USSR. 077115
Studies on **breeding** of low-**alkaloid** & low-t- 077030
Region: potentials & **breeding alternatives.** 076415
on haploid method of **breeding** by **anther** cu- 077031
on haploid method of **breeding** by **anther** cu- 077032
present topic: Bavarian **breeding area.** 075380
course of next ten years on **breeding basis?** 075242
program present topic: **Bavarian breeding** a- 075380
U.S. exports of **beef breeding** cattle in cale- 073217
Sugar **beet breeding** in a new phase. [USSR 077123
Breeding for **broiler** production. 075203
Comparison of **breeding bull's** daughters with 075187
Top **breeding bull** of Charolais cattle in non 075422
of spermatozoa production of **breeder bulls.** 075347
Judging progeny of **breeder bulls** of Vitebsk 075401
to replace milk-fat in **breeding calves** with 074852
congress: Plant **breeding, Cambridge,** (Great 077018
U.S. exports of beef **breeding cattle** in cale- 073217
region of Pechora. [Dairy **cattle, breeding**]. 074484
of milk protein yield into **cattle breeding** pr- 075186
of milk protein yield into **cattle breeding** pr- 075188
bull mothers & bulls in dairy **cattle breeding** 075189
Problems of **cattle breeding** policy in Austria 075231
trends in Black-and-White **cattle breeding** in 075313
Black-and-White Lowland **cattle breeding** in 075314
developing an industry-like **cattle breeding** 075362

of artificial insemination in **cattle breeding** 075368
Cattle breeding program present topic: Bav- 075380
of removing manure in **cattle breeding** & mi- 080722
scale production forms of **cattle breeding**--h- 080775
Plant **breeding center** of central Chernozem 077181
1972 Emulation of **breeding centres** resulting 075369
qualifying test marks in **cereal breeding.** 077050
Early diagnosis in **cereal breeding.** 077055
Shortening of test period in **cereal breeding** 077064
nitroso-N-alkylureas in **breeding** of **Chabaud** 077021
Studies on **breeding** of **chestnut,** Castanea s- 079792
Breeding of **clover** & alfalfa in Czechoslovak 077117
Breeding cocoa for different ecological needs 077049
of folder planta in **breeding** using **common** v- 074943
of newly organized **pig-breeding complexes.** 075346
mutual cooperative effort of **corn breeders** of 077126
Breeding of **corn,** wheat & barley to increase 077127
productivity & effectiveness of **cow breeding** 075402
in pigs at a simple utility **cross-breeding.** 074851
in pigs at simple utility **cross-breeding.** 075179
Pure breeding & **cross breeding** in swine pr- 075286
of a scientific basis for **interbreed crossing** 075411
Ways of **developing breeding** of spring wheat 077023
in study of **interbreeding differences** in milk 075329
Phenotypic selection in pig **breeding due** to 075328
in vitro tissues of Polish-**bred edible** carrot 077096
Breeding for **egg** production. [Poultry]. 075201
advance can laying hen **breeders expect** in c- 075242
work of Roza Liuksemburg **Breeding Farm** 073120
State Horse **Breeding Farm** & Agricultural 075290
of Labor on swine **breeding farms.** 072973
bulls of Vitebsk State **Breeding Farms** on fa- 075401
breed qualities os swine on **breeding farms** of 075432
as sole feeding in **feeding breeding** sows. 074936
parasitic insects to control **filth breeding** fli- 079959
some agricultural & industrial **fish breeding** 081835
insects to control filth **breeding flies** in Cali- 079959
Breeding fodder barley with higher protein 077125
nitrogen utilization by **breeding** of **forage** ba- 077052
On **breeding German** Simmental cattle. 075296
to improve on perfection? [**Grapes, breeding** 078869
industrial fish **breeding grounds** & in various 081835
between mass of **breeding habitat** & synanth- 079987
Control stables for **bred heifers.** 074419
What gentic advance can laying **hen breeders** 075242
source on reproducibility of **breeding hens.** 074986
performance of turkey **breeder hens.** 075055
to administration of meat type **breeder herd** 074378
Present stage of **heterosis breeding** of horse- 077171
Breeding high-yielding varieties of rice (Or- 077106
Breeding high, yielding varieties of winter 077185
State **Horse Breeding** Farm & Agricultural 075290
Misaki horse. I. History of **horse-breeding** in 075297
Conditions of raising & **housing breeder** live- 074496
production forms of cattle **breeding--housing** 080775
Some problems in **breeding** in **Hungarian** P- 075377
in Hokkaido & its **breeding implication.** [Ph- 077131
Factors in **increasing breeding** rate for sows 075424
Breeding of **industry** peas. I. Variety test. 077187
health related research **involving breeding,** t- 077132
a two-stage system of **judging breeding** quali- 075438
Trials for **line breeding** in laying hens. 075230
of German Democratic Republic **bred lines** 074466
of resistance of potato **breeding lines** to virus 079194
of work of Roza **Liuksemburg Breeding** Fa- 073120
in commercialization of **breeding livestock** in 072793
of raising & housing **breeder livestock.** 074496
electrophoretic tests. [**Livestock, breeding**]. 075386
effective utilization in **livestock breeding.** 075409
Tasks & methods of **breeding lupine** as a for- 077173
to study of **maintaining breeding** methods in 077152
Breeding-management relationships in sheep 075304
milk protein production of **breeding measur-s.** 075367
Breeding of **meat** production with turkeys, 075207
Tasks & situation in re-**breeding Merino** land 075376
to study of maintaining **breeding methods** in 077152
yield of wheat by **mutation breeding.** 077262
of spring wheat in **breeding nursery.** 078501
of an industry-like pig **breeding organization** 075361
industry-like cattle **breeding organization.** 075362
on cows during pregnancy & **breeding period** 075399
Phytopathological aspects of **breeding Picea** 078968
Phenotypic selection in **pig breeding** due to 075328
parameters of newly organized **pig-breeding** 075346
results in implementing hybrid **pig breeding** 075360
of an industry-like **pig breeding** organization 075361
These **breeders placed** following points in p- 074378
Sixth EUCARPIA congress: **Plant breeding,** 077018
von Sengbush 75 years old. [**Plant breeding**] 077045
Cytogenetics & **plant breeding.** 077113
Results of **plant breeding** in Bulgaria. 077124
of more than one kind. [**Plant breeding**]. 077162
field experiment replication. [**Plant breeding** 077174
Plant breeding center of central Chernozem 077181
accelerated reproduction of **plant breeding** s- 077182
of cereals genetics & **breeding** in **Poland.** 077149
Problems of cattle **breeding policy** in Austria 075231
in cultivated in vitro tissues of **Polish-bred** 077096
Some problems of **potato breeding** & seed p- 078780
estimation of resistance of **potato breeding** l- 079194
of combined selection. [**Poultry breeding**]. 075283
Practical breeding of cottonwood in North- 076410
Practical breeding programs for jack pine in 076412
energy requirements of **pregnant breeding** s- 075157
protein yield into cattle **breeding program** of 075186
protein yield into cattle **breeding program** of 075188
Breeding program for laying hens. 075229
implementing hybrid pig **breeding program** 075360
Cattle **breeding program** present topic: Bav- 075380
New basic sugarcane **breeding program** at 077237
Practical **breeding programs** for jack pine in 076412
Pure breeding & cross breeding in swine pr- 075286
stage system of judging **breeding qualities** of 075438
Factors in increasing **breeding rate** for sows 075424
Tasks & situation in **re-breeding** Merino land 075376
Breeding red clover & prospects of red clov- 077116
aspect of German Democratic **Republic bred** 074466
Breeding resistance in rice. 077012
of fodder cereals by **breeding rom** point of v- 074911
Breeding & seed production of economic pl- 077120
Breeding & seed producton of sunflowers. 077122
Breeding for **shootfly** resistance in sorghum 077139
of Brassica: its **breeding significance** in pro- 077079
Significance, breeding & seed culture of red 077118
Sorghum breeding. 077160
as sole feeding in feeding **breeding sows.** 074936
Feeding of **breeding sows** during lactation at 075121
requirements of pregnant **breeding sows.** 075157
Results of work in **breeding soybeans** for qu- 077190
On **breeding spring** barley for grain quality 077183
Present state & prospects in **breeding spring** 077243
of breeder bulls of Vitebsk **State Breeding** 075401
in different stock farms & **breeding stations** 073350
reproduction of plant **breeding stock.** [Wheat 077182
frost resistance of wheat **breeding stock.** 077950
New basic **sugarcane breeding** program at 077237
Organization of Labor on **swine breeding** fa- 072973
Cost of production of a **breeding swine.** 072994
in genus Nicotiana. [**Tobacco breeding**]. 077111
in genus Nicotiana. [**Tobacco breeding**]. 077112
Breeding for **tolerance** to Verticillium wilt. 073380
Induced mutants for **tomato breeding.** 077248
Lycopersicon peruvianum. [**Tomato breeding** 077109
Top breeding bull of Charolais cattle in non 075422
research involving **breeding, transfer** & bios- 077132
Tree breeding as a forest management suppl- 076336
subsequent performance of **turkey breeder** h- 075055
as to administration of meat **type breeder** h- 074378
Breeding-value estimation under aspect of i- 075365
X-ray & neutron application of **vine breeding.** 077072
stem borer, Chilo suppressalis **Walker, bred** 079721
replication. [Plant **breeding, wheat**]. 077174
paleocolchicum Zhuk. [**Wheat, breeding**]. 077253
frost resistance of **wheat breeding** stock. 077950
on utilzation, growing & **breeding** of **winter** 077150
Breeding work with dairy cattle from gene 075366
of superovulation & **interbreed zygote** trans- 074531

BREEDS

Hybrid Amaryllis: to **breed** in, or out, or bo- 077143
of semem of rams of **Askaniia breed.** 075387
of cows of Black Pied & **Ayrshire breeds.** 075421
of selection scheme of males of **beef breeds** 075214
Help **buffaloes breed** throughout year. 075241
analysis of Czech Pied **cattle breed** at slaug- 074038
hexoses in sera of different **cattle breeds** in 074712
of genetic improvement of **cattle breeds** with 075408
Resistance potential of **certain breeds** of do- 075814
yield on various body parts of **Cigaja breed** 074522
Effectiveness of **breed crosses** with regard to 075378
of fertility of cows of Red **Danish Breed.** 075332
Some results of **establishing breed** & comme- 075419
Problems in improving semi-**finewool breeds** 075418
of sheep of various breeds & **breed groups** & 075417
semi-finewool breeds & **breed groups** of she- 075418
virus in golden **hamster breeds.** 075866
Improving breed qualities os swine on breed- 075432
North Siberian, Landrace, **Lacombe breeds** 074794
of young hens of White **Leghorn breed.** [Fe- 075068
for improving existing & new **breeds & lines** 075416
Red Steppe cows & bulls of **meat breeds.** 075413
breeds of cows with bulls of **meat breeds.** [075415
development of ovaries of Czech **Pied breed.** 074759
function in cattle of **Piedmont breed.** 075198
of young cattle of **planned breeds** in Belorus- 075425
on improving dairy & dual-**purpose breeds.** 075410
Improving **breed qualities** os swine on breed- 075432
Breed range-raised ewe lambs. 075220
Breed & sex differences in distribution of fat 073991
evaluation of finewool **sheep breeds.** [Retur- 073106
Breeds of **sheep.** 075228
productivity of Blackheaded **sheep breed.** 075437
Development of autosexing **silkworm breeds** 080672
in meat of Czechoslovak **Spotted breed** of y- 073989
of meat utility of Slovak **Spotted breed.** [Ca- 074527
Species, **subspecies, breed.** [Livestock, evolu- 074690
Help buffaloes **breed throughout** year. 075241
of interbreed (industrial & **triple-breed**) cro- 075413
evaluation of utility of some **breeds & utility** 074376
live weight of auction rams of **Valaska breed** 074521
Growth of piglet crossbred of **various breeds** 074765
Nutrient consuption in sows of **various bree-s** 075032
to productivity in cows of **various breeds.** 075406
wool productivity of sheep of **various breeds** 075417
Importance of Soviet **wheat breeds** to furth- 078316
experimentation with **white breeds** of beef c- 072883

BREVICORYNE

Myzus persicae, **Brevicoryne brassicae**]. 079171

BREVIPALPUS

of false spider mite (**Brevipalpus lewisi** Mc- 079868

BREWING

Annual report of Institute of **Brewing.** 073865
of determination of polyphenols in **brewing.** 073888
Rice in **brewing.** 074150
Effluents from malting & **brewing.** [Pollution 081809
Brewing adjuncts & industrial enzymes. 073892
Quality comparison of **brewing barley** from 074094
Cooperative research in **brewing industry.** 073817
its activity in field of **brewing industry.** 073900
Modern brewing with corn syrup. 073807
Advances in **brewing technology.** 073840
Brewing technology in changing times [Beer 073896
Strains of yeast lethal to **brewery yeasts.** 073861

BRIQUETTES

Briquetting grass after addition of lye & co- 074364

BRISTLECONE

Dendrochronology of **bristlecone pine** (Pinus 076616

BROADBEANS

by flame photometry. [**Broadbeans**]. 076905
in mitosis of Vicia fab. [**Broadbeans**]. 077024
karyotypes of Vicia faba. [**Broadbeans**]. 077103
cycle of Vicia faba seedlings. [**Broadbeans.** 077203
by sulfite in root meristem of **broadbeans** (V- 077401
acid of nucleic acid extracts. [**Broadbeans**]. 077697
biological characteristics of **broadbeans** (Fa- 077891
in chloroplasts of Vicia faba. [**Broadbeans**] 078142
forming enzyme from leaves. [**Broadbeans**] 078198

BROADCASTING

pasture seed be sown in rows or **broadcast?** 078405
on spinning discs of **fertilizer broadcasters.** 080881
by placement of **broadcast fertilizer.** 081520

BROILERS

SEE POULTRY

BROMACIL

effects of **bromacil** on **kentucky** bluegrass & 079606

BROMEGRASS

Bromegrass. [Bromus, culture]. 078443
on establishment of alfalfa & **bromegrass** on 081358
changes in **bromegrass mosaic** virus. [Barley 079205

BROMELIACEAE

Growing Bromeliaceae for use at defined da- 078712

BROMIDES

Methyl **bromide fumigation** of Pratylenchus 079313
uptake & distribution of **inorganic bromide** 079239
food stuffs fumigated with **methyl bromide** 073633
trials with a mixture of **methyl bromide** & c- 079934
food stuffs fumigated with **methyl bromide** 080094
Bromide resudues in pulp of mango fruits s- 073561

BROMINE

Soil geochemistry of **bromine.** 1. 081120
Soil geochemistry of **bromine.** 2. 081121

BROMODEOXYURIDINE

5-**Bromodeoxyuridine-resistant** cell lines fr- 077146

BROMUS

Bromegrass. [**Bromus, culture**]. 078443
grasses grown with alfalfa. [**Bromus inermis,** 081524

BRONCHIAL

system of a dog (inborn **bronchial cyste?**). 076066

BRONCHITIS

Bovine parasitic gastro-**enteritis/bronchitis:** 075914

BRONCHOPNEUMONIA

infected with **catarrhal bronchopneumonia.** 075970

BROOD

on pulverized drone honey **bee brood.** [Apis 080671
Voluntary **brood house** inspection. 074382
to sort adults & **brood** from **materials** of the- 080180

BROOMRAPE

on parasitism of tomato by **hemp broomrape** 079614

BROTHS

protein hydrolyzate used in **chicken broth.** 073918
of avirulent bacteria in still **broth cultures** of 079129

BROWN

with special consideration to **browning.** [Alt- 078978
Alginate lyase in **brown alga** Laminaria digi- 077268

mineralogical composition of **brown alpine-f-** 081023
cultivars to Botrytis [cinerea] **brown brown** 079054
Fatty acid synthesis in **brown fat** & liver of 074561
on yields of winter wheat on **brown forest s-** 078497
ion concentration dynamics of **loess brown s-** 081470
in vivo evaluation of A **brown midrib** mutant 074979
in vivo evaluation of a **brown midrib** mutant 074980
on anatomy of **brown nutsedge** (Cyperus rot- 079501
Thermal analysis of **oxidative browning** in fl- 074225
study of a surface water gleyed **para brown** 081058
chlorogenic acid & 14C-**brown pigments** in f- 077806
of flight of **brown planthopper,** Nilaparvata 080357
characters in soybeans on a **brown-reddish** f- 078466
Brown rot of peaches, plums, cherries & oth- 078971
of various wheat species & **brown rust** races. 079094
Brown sopt damage & flue-cured tobacco qu- 079089
Occurrence of **brown spot**-Helminthosporium 078961
to powdery mildew, **stem, brown** & stripe ru- 079064
Weaver syndrome in **Brown Swiss** cattle: cl- 076092

BRUCELLA

Ultrasonic desintegration of **Brucella.** 075601
after immunization with **Brucella abortus** b- 075605
Abortion associated with **Brucella abortus** (075906
after immunization with **Brucella abortus** b- 075993
strains for species of **genus Brucella** Meyer 075721
to vaccine strains of **Brucella** of **varying** viru- 075929

BRUCELLOSIS

system for sero-diagnosis of **brucellosis.** 075908
pathogenesis & immunogenesis in **brucellosis** 075986
Prophylaxis in **bovine brucellosis.** 075775
test in diagnosis of **bovine brucellosis.** 075835
applied in serodiagnosis of **cattle brucellosis** 075796
Brucellosis in **goats** & sheep. 075981
Department of **Interior, brucellosis,** & farm- 075659
Necessity of a **brucellosis regional** prophyla- 075849
provocation") in cases of **sheep brucellosis.** 075856

BRUCHIDAE

Central America (Coleoptera: **Bruchidae**). 080648
obtectus Say **(Coleoptera, Bruchidae**). [Bea- 079760

BRULLE

for Blepharipus nigrita Lepeletier et **Brulle** 080520

BRUSH

Brush eradicating, basin pitting, & seeding 080894

BRYOFLORA

Mount **Maquiling Bryoflora** (Luzon). 076677

BRYOPHYLLUM

flowering **Bryophyllum daigremontianum** by 077549

BUCKWHEAT

on dry matter production of **buckwheat.** 077952
of diploid & tetraploid forms of **buckwheat.** 078518
on dry matter production of **buckwheat.** 079396
of potassium & calcium by **buckwheat plants** 077954
On quality of **buckwheat seeds.** 077909

BUDDLEIA

SEE LOGANIACEAE

BUDGETS

Selected U.S. **Crop budgets:** yields, inputs, 073094

BUDS

Breaking **apical bud** dominance in arvi corms 078029
changes during chilling & **bud burst.** 078222
Evaluation of **citrus bud** mite, Aceria sheldo- 079828
of growth dynamics & **flower bud** formation 078064
with different number of **buds** on **grape** culti- 078612
Mechanized removal of **buds** from **grape** roo- 078812
Lateral **bud growth** in Mangifera indica L. in 077976
homosexual behaviour of **larch bud** moth. 080249
Role of **mango bud** mite Aceria mangiferae 079758
nucleic acid in leaves & **buds** of **Syringa** in 077610
nitrogen compounds in **buds** of **wheat** caryo- 077831

BUDWORMS

male eastern spruce **budworm, Choristoneura** 080216
survial of tobacco **budworms, Heliothis** vires- 079694
Spruce budworm, worst enemy of our Queb- 079895
enzyme chitinase, against **spruce budworm** in 079901
Spruce budworm in Eastern United States. 079913
study of bollworm & **tobacco budworm** with 079706

BUFFALO

foot-and-mouth disease in **African buffalo** (S- 075787
Help **buffaloes breed** throughout year. 075241
Rudolphy, 1803) of **buffalo** in **Campania.** 075880
tick feber is dangerous. **[Cattle, buffaloes].** 079993
Carbohydrates of **buffalo** & **goat** semen. 075267
Nematoda: hteroderidae) from **buffalo-grass** 079314

BUGS

SEE INSECTS

BUILDING

sanitary facilities of **agricultural buildings.** 076444
construction of **agricultural buildings.** 080746
Protecting **agricultural buildings** from rats. 080784
of optimum capacity of **buildings** for **animal** 080710
Shall we plant trees or **build buildings?** 072685
Economical building types for dairy cattle h- 080703
of reduction of costs of **farm buildings.** 072996
Construction of **farm buildings** as influenced 080752
Self construction: A mode? **[Farm buildings]** 080790
Mechanization, **farm buildings**]. 080736
Conversion of old **buildings** for **fruit** storage 080730
Buildings of **light** construction in food indus- 073833
Building & operating an observation beehive 080657
Phosphorus build up & its influence on phys- 081438
Prefabricated building for swine houses? 080758
early days of mechanized **road building** in S- 076421
five years of mechanized **road building.** 076422
Drilling equipment in forest **road building.** 076424
Forest **road building** in flysch zone. 076426
Capital-**saving building** types for bull fatten- 080705
Building stable--once less expensive. 080782
Buildings for **swine** production. 080750

BULBS

Construction & installation of **flower bulb** s- 080764
Fluctuations in populations of wheat **bulb fly** 079685
Cold damage on **Gladiolus bulbs.** 079387
of methods & organization in **bulb growing.** 072922
of bulb internode in **Hordeum bulbosum** L. 077005
in cytoplasm of **Hordeum bulbosum** L. 077040
role of protease inhibitor from **potato bulbs** 073705
Effects on **tulip bulbs** of warm storage follo- 078055
Effects of **bulb vernalization** upon advanced 078049

BULGUR

Technology of **bulgur production.** 074216

BULK

Effect of **bulk density** & aggregate size on 077753
water holding capacity & **bulk density** of soil 081113
coefficient of friction of **grabular bulk** mater- 080830

BULLS

of estimate of pedigree quality of **bull.** 075311
Haematological indicators of **bulls.** 075603
Inherited disorders causing infertility in **bull** 075997
efficacity of selection scheme of **beef bulls** f- 075213
Heritability of semen traits in **beef bulls.** 075216
fluids of genital tract of **bulls** & **boars.** 075330
of spermatozoa production of **breeder bulls.** 075347
Judging progeny of **breeder bulls** of Vitebsk 075401
Comparison of **breeding bull**'s daughters with 075187
Top **breeding bull** of Charolais cattle in non 075422
experience gained at first **Central Bull**-Rear- 075359
Prevailing results of stocks of **Charolais bul-s** 075381
judging breeding qualities of **Charolais bulls** 075438
indices of bull mothers & **bulls** in **dairy** catt- 075189
of Holstein Friesian x DSR & **DSR bulls.** 075115
Meat condition of heifers & **bulls fattened** u- 075116
business forms of selected **fattening bull** uni- 072935
feed rations for industry-like **bull fattening.** 075110
Housing methods for **bull fattening.** 080704
saving building types for **bull fattening.** 080705
A new method of deep **freezing bull** semen: 075303
aerobiosis in technology of **freezing bull** se- 075439
Stiffness of flagella of **impaled bull** sperm. 075210
electro-ejaculation from **bulls** with low **libido** 075192
between Red Steppe cows & **bulls** of **meat** b- 075413
meat breeds of cows with **bulls** of **meat** bree- 075415
Selection indices of **bull mothers** & bulls in 075189
to carcass value of Czech Re: **Pied bullocks** 074777
Preliminary evaluation of Black **Pied bulls** 075434
Semen of **bulls** as a **potential** carrier of her- 075655
of mammalian spermatozoa. **[Rabbit, bulls]** 075271
Preparation of teaser **bulls, rams** & boars by 075393
gained at first Central **Bull-Rearing** Station 075359
Bull semen nicotinamide adenine dinucleoti- 074545
A new method of deep freezing **bull semen:** 075303
to test fecundation ability of **bull semen** on 075309
in technology of freezing **bull semen.** 075439
fractions isolated from **bull seminal** vesicle f- 075246
aspermatogenic substance from **bull seminal** 075274
Tombov Red, Black Pied & **Simmental bulls** 074485
Stiffness of flagella of impaled **bull sperm.** 075210
membrane of ram, boar & **bull spermatozoa.** 075268
Preparation of **teaser bulls,** rams & boars by 075393
forms of selected fattening **bull units** in Lo- 072935
Czechoslovak Spotted breed of **young bulls** 073989
in large-scale fattening of **young bulls** & ste- 075132
breeding. Selection of dairy **young bulls.** 075189
Charolais & German Black-Pied **young bulls** 075374

BUNDLE

in isolated mesophyll cells & **bundle sheath** 077354

BUNT

Smut & **bunt** of **wheat.** [Ustilago tritici]. 078892

BUPRESTIDAE

E. Saunders (Codeoptera: **Buprestidae**). 079793
Lampra Lac., **(Coleoptera, Buprestidae**). 080581

BURLEY

Studies on fermentation of **burley tobacco.** 074168
of flavor components of **Burley tobacco.** 074224
Effect of light on curing of **Burley tobacco.** 074226
chemical composition of **burley tobacco.** 077809
maleic hydrazide residue on **burley tobacco** 077810
Growth pattern of **Burley** 21 **tobacco** & ass- 077925
Yield & value of **Burley tobacco** as affected 078542
of genes, yb1 & yb2 controlling **white burley** 074096

BURNING

water on nutrient **content, burning** quality, 077928
one prescribes fires now? **[Forests, burning]** 076358
Effects of **range burning** on Kansas Flint Hi- 078392
Burning temperature of grassland in Japan. 078399
Burning temperatures of grasslands in Japan 078398
Treatment & clincal course of **thermal burns** 076145

BURROWING

Some host plants of **burrowing eelworm,** Ra- 079653

BURRS

Noogoora burr (Zanthium pungens) in India 076648

BURSA

for a relatively pure **bursa-dependent** lymph- 074583
for control of infectious **bursal disease.** 075807
DNA synthesis in **bursa** of **Fabricius** of chic- 074509
morphologic changes in **bursa** of **Fabricius** & 075884
Capsella **[bursa-pastoris** L.] embryogenesis: 076941
evertsi mimeticus & **Rhipicephalius bursa.** 080017

BURY

Ophiobolus graminis on **buried wheat** plant 079078

BUSHES

A decline of tea **bushes associated** with a ro- 079066
uptake & distribution in **bush bean** plants as 077986
Bush encroachment & veld management in 078278
Flowering periods of tree & **bush fruits.** 078038
Location of roots of **mother bushes** of black 076983
Treatment of **rose bushes** should not become 079384
plant raising & planting of **bush tomatoes** u- 078707

BUSHVELD

cover in a northern Transvaal **bushveld area** 079725

BUSINESS

Economic valuation of **cooperative business** 072935
You & we & this **business** of **ecology.**[Food 081815
A 4H **business enterprise**--an economic dra- 072787
Planning future for a **family business.** [Retail 073259
Perspectives & approaches to **farm business** 072790
satisfaction in farm **management business.** 072788
dairy farm management; **business summary,** 072779
Christmas trees as a **business venture.** 076243

BUTCHERS

on cost of growing & **fattening butcher** hogs 072993
of sausages & products in **butcher's trade.** 074007

BUTTER

of copper & other elements in **butter.** 073700
Measuring hesion in **butter.** 073975
of fat & fat mixtures. **[Cocoa butter].** 073904
Promising results of **butter competition** in 073191
Experimental activities **concerning butter** & 073954
Butter mountain will stay; remarks on new 073192
Pass butter. 073933
Butter & its **quality.** 073940
Butter reduced in price, protein more expen- 073284

BUTTERFLIES

new light on "first **American butterfly"** & p- 080272
Butterflies of **High** Tatra mountains. 080512
Migrating butterflies in 1971. [Lepidoptera] 080519
Types of pierid **butterflies named** by William 080486
Moths with pollinia from **butterfly orchid.** 080196
More revisional notes on **oriental butterflies** 080543

BUTTERMILK

between sweet-**cream buttermilk** powder & c- 073965

BUTYL

5-**Methyl**-3-**butyl**-octahydroindolizine, a nov- 079989
Biological activities of n-**butyl phthalate** & i- 077932

BUTYLATE

Differential butylate injury to corn hybrids 079602
Butylate incorporation on corn. [Weed cont- 079453

BUYERS

lambs. Guide lines for **buyers** & **sellers.** 073344

BUYING

Tips for **buying feeder** cattle; seelling fed be- 073202
Buying & **managing** feeder pigs. 074429
New **buying season.** [Minks]. 073190

BYPRODUCTS

antioxidants & poultry **byproduct meal** on fl- 075002

BYRRHIDAE
of knowledge concering **family Byrrhidae (** 080607

CABBAGES
Plasmodiophora **brassicae, Cabbage,** rape]. 078905
cauliflower mosaic virus. [**Chinese cabbage**] 079203
Turnip yellow mosaic virus, **Chinese cabbage**] 079209
Preliminary tests for **controlling cabbage** lo- 079854
in a few varieties of **early cabbage** (Brassica 077074
self-incompatible lines of white **early cabba-e** 077075
to crops turnips & **cabbage** for **feed.** 079493
Successful storage of **headed cabbage.** 074273
Bacterial soft rot diseases of **headed cabbage** 079127
which has consumed **intoxicated cabbage** lo- 080105
of nitrates & yield of **cabbages** in **leached** C- 081294
in vegetable growing. 2. **Cabbage** & **lettuce** 078675
polyhedrosis virus from **cabbage looper** larv- 080339
Measures of control of **cabbage maggots.** [079816
of rock phosphate by **cabbage** & **rye** plants. 078075
I. steady states of **skunk cabbage** spadix & 078052

CABBAGEWORMS
consumption of **imported cabbageworm** when 079805

CACALIA
of alkaloids in galls of **Cacalia hastata** L. 077586

CACAO
aspects of cocoa drying in Brazil. [**Cacao**]. 073907
different ecological needs in Nigeria. [**Cacao** 077049
Studies on grinding of **cacao beans** kernels. 073903
f. sp. theobromae, incitant of **cacao galls.** 078988

CACHEXIA
A new test for **citrus cachexia.** [Virus]. 079156

CACODYLIC
Fall **cacodylic acid** treatments to produce le- 079888

CACTACEAE
spines as water absorbing organs. [**Cactaceae** 076958

CACTUS
Cactus spines as water absorbing organs. [C- 076958

CADDISFLY
SEE TRICHOPTERA

CADMIUM
activity in chromatin from **cadmium chloride** 078004
Cadmium-induced synthesis of hepatic metal- 074625

CADRA
virus of almond moth, **Cadra cautella.** 080334

CAFFEINE
of action of **caffeine** on X **chromosome** nond- 080426

CAGES
Performance of broilers in **cages.** 074440
Problems of raising broilers in **cages.** 074492
Poultry **cages approved** by DGL [German A- 080930
hatch of Heliothis spp. in a large **field cage.** 079699
pink bollworms: releases in **cages** & **field** ca- 079701
Poultry **house caged** layers dept. of agricult- 080788
Poultry house: **caged layers,** deep pit. 080789
Metabolism cage with electronic feeding & 074844
Mortality of **caged organophosphorus**-resist- 079962
Inexpensive, modern **rabbit cage** for househ- 080697
Growth of **cage reared** turkeys. 074750
Caging tomatoes--a profitable practice. 078626
progeny performance of **caged White** Legho- 075318
reproductive performance of **caged White** L- 075325
progeny performance of **caged White** Legho- 080126
reproductive performance of **caged White** L- 080127

CAJANUS
crossing in pigeon pea [**Cajanus cajan** (L.) 077138
coat colour in red gram (**Cajanus cajan** Mill- 077157
Aneuploidy in tur (**Cajanus cajan** (L.) Millsp 077159
resistance of pigeon pea (**Cajanus cajan** L.) 079728

CAKES
Cultivated grass & price of **feed cakes.** [Dai- 078254

CALAMOVILFA
Prairie sandreed (**Calamovilfa longifolia**): w- 077777

CALAMUS
essential oil in rhizomes of **Acorus calamus** 077308

CALCAREOUS
species of Corallinaceae (**calcareous algae**) of 076808

CALCIFUGES
by yellow lupine roots (**calcifuge plant**). 077844

CALCIPHYLAXIS
Calciphylaxis in **swine.** 076017

CALCIUM
Role of Cai+ [**calcium**] in control of malic 074556
of mineral metabolism (Ca, P). [**Calcium,** P- 075021
Rothamsted. I. Response to **calcium.** 077764
Arachis hypogaea L.). I. **Calcium.** 077833
Inhibition of abscission by **calcium.** [Kidney 078122
roots. 6. effect of **calcium** on **absorption** & t- 077786
of chloride salting on **calcium accumulation** 077721
Longitudinal distribution of **applied calcium,** 078001
of fat, protein, manganese, **ash, calcium,** pho- 076006
protein level on **calcium balance.** 073712
restriction & intestinal **calcium-binding** prot- 074593
Uterine **calcium-binding** protein in laying f- 074594
Citric acid & **calcium** in **blood** of Sicily's go- 074505
Extraction of **calcium** from **blood** fibrin with 074746
of potassium & **calcium** by **buckwheat** plants 077954
various sources & sizes of **calcium carbonate** 074732
distribution of strontium 90, **calcium, cesium** 077294
determination of **calcium content** of milk. 073934
Dietary **calcium DDT** source & age of hen 075325
Calcium deficiency in cauliflower: Disease s- 079294
of eggs from hens fed a **calcium deficient** diet 075062
Dietary calcium DDT source & age of hen 075325
fed DDT in high or low **calcium diets.** 075061
Calcium effect on absorption of monovalent 077786
Enzootic calcinosis: A new pasture disease of 076068
Content of strontium & **calcium** in **foodstuffs** 073701
determination of **calcium** in **hen** egg-shells. 074526
Absorption of **calcium** by **horsebean** roots (077844
Calcium restriction & **intestinal calcium**-bin- 074593
Effect of magnesium & **calcium ions** on ade- 077838
acid on absorption of **calcium** into **Lemna.** 077479
Bone **magnesium, calcium** & strontium conc- 074652
Effect of **calcium, magnesium** & phosphorus 075031
of naturally occuring **calcium, magnesium,** & 078001
Study of **calcium metabolism** at unequally o- 074525
Calcium metabolism in laying hen. 4. calci- 074730
Calcium metabolism in laying hen. 5. Effect 074732
calcium, & of naturally **occuring calcium,** m- 078001
in apples: effect of **calcium** on **permeability** 079329
content & relation of **calcium & phosphorus** 075068
manganese, ash, **calcium, phosphorus,** zinc 076006
on utilization of **calcium & pohopshorus** in 074763
Calcium restriction & intestinal calcium-bin- 074593
Relation of **calcium** to **root** rot of robacco i- 079088
soluble, exchange & water-**soluble calcium** in 081019
metabolism in laying hen. 4. **calcium status** 074730
On adjustment of **calcium** & **strontium** abso- 074611
distribution of **strontium** 90, **calcium,** cesium 077294
Uterine calcium-binding protein in laying f- 074594

CALENDULA
free preparations from **Calendula officinalis** 077269

CALIBRATION
with observations on their **calibration** & use 081663
Calibration of **available** soil phosphorus val- 081492
Dose calibration sutides of lenperone, a new 075560

CALIPERS
Kyritz caliper a new technique of data colle- 076279

CALLIPHORA
of a phenol oxidase from **blowfly Calliphora** 080244

CALLIPHORIDAE
Pollenia rudis (Diptera: **Calliphoridae**) rear- 080387

CALLOSE
Sequential staining of **callose** by **aniline** blue 076997

CALLOSOBRUCHUS
attractant for pulse **beetle, Callosobruchus** 080252
life cycles between **Callosobruchus chinensis** 079827

CALLUNA
interception & photosynthesis in **Calluna.** 077431
productivity of a **Calluna-Sphagnum** commu- 077432

CALLUS
Tests of **callus culture** with leaves of Cassia 077619
Zea mays: methods for diploid **callus culture** 077692
dioxide evolution in tobacco **callus cultures.** 077836
mosaic virus from tobacco **callus cultures** th- 079164
Callus formation in liverwort, Marchantia p- 076945
patterns in mimosa **hypocotyl callus** tissue. 078097
differentiation of aptitude for **callus tissue** fo 076936

CALORIES
aspects of protein-**calorie malnutrition.** 073752
effects of protein & **calorie manlutrition** on 074970
Effect of **calorie supplementation** on growth 073714

CALORIMETRY
Differential **scanning calorimetry** of nicotine 077737

CALVES
Market outlook for cattle & **calves** 1973. 073281
Carcass & meat inspection of **calf;** a photog- 073673
flour in milk feed mixtures. [**Calves**]. 074855
males of beef breeds for production of **calves** 075214
reproduction--wean more pounds of **calf.** 075217
anus on right flank in ruminants. [**Calves**]. 075521
administered simultaneously to **calves.** 075698
Mycosis & pasteurellosis of **calf.** 075701
extracted from parasite suspensions. [**Calves** 075715
Check keratitis in your **calves.** 075724
bovine adenovirus on testicular cells of **calf.** 075883
Two cases of heteradelphus in **calves.** 076045
in connection with two new cases on **calf.** 076053
Urogenital abnormalities in two **calves.** 076095
incidence of stillbirths & losses of **calves.** 076105
housing systems for cattle & **calves** (Review) 080775
concentrations in tissues of pigs & **calves.** 074811
hypoplasia of deciduous incisor teeth of a **ca-f** 076108
Slaughter of **calves** should be **actively** count- 073499
of an inactivated vaccine **against calf** colibac- 075920
responses in **calves** with **anaplasmosis.** [Ana- 075616
growth rate of **calves** by **avoiding** rumen fe- 074899
tract disease in weaned **beef calves.** 075632
of a crosslinked peptide from **calf bone** coll- 074559
to replace milk-fat in **breeding calves** with 074852
disease problems of cows in **calf** & **calving.** 075383
vaccine against **calf colibacillosis.** 075920
coli endotoxemia in **conscious calves.** 075617
Cow-calf grazing studies on comparative pas- 074906
Fattening centers & line of **cow-calf.** 074926
Know your **calves** & **cows.** 074389
of selection of heifers & first **calf cows** on r- 075311
Calves for **dairy** beef. 074390
colostral globulins by newborn **dairy calves.** 074803
weight gain of grazing **dairy calves.** 074989
activity of Escherichia coli from **calves dead** 075854
Calf drop in different stock farms & breeding 073350
outer walls & ceiling of an **experimental calf** 080762
Calf fattening on small farms. 075013
On number of times for **feeding calves.** 075134
Predicting dystocia in **first-calf** heifers. 075219
of effect of selection of heifers & **first calf** c- 075311
imperfecta in Holstein-**Friesian calves.** 076013
Cow-**calf grazing** studies on comparative pas- 074906
Predicting dystocia in first-**calf heifers.** 075219
walls & ceiling of an experimental **calf-house** 080762
Production of **hybrid calves** for fattening in 074461
Proteins of blood serum of **calves infected** w- 075970
Resistance of **calves** to **infection** by Deploco- 075935
of intoxication caused in **calf** by **ingestion** of 076159
Isolation of rhinovirus from **calves** in **Italy.** 075583
Optimizing **calf mix** on range lands with lin- 072884
Calves of **mountains.** [Pastures, feeding]. 075107
Study on **calf neonatal** diarrhea: Enterotoxic 075854
content in faeces of **newborn calves.** 074598
of blood serum of **newborn calves.** 074829
Diseases of **newborn calf.** 075507
pathogenesis of dyspepsia in **newborn calves** 076101
Optimizing calf mix on range lands with lin- 072884
in organs & tissues of **calves poisoned** by Gr- 073704
Use of artificial milk in **raising calves.** 074878
Early weaning experiences in **calf rearing.** 074402
without dried skimmilk for **rearing calves.** 075080
in Australia. II. Effect of **calf removal** & pr- 075195
of marcromolecular globulins in **calf serum** 074714
polyadenylate polymerase from **calf thymus** 074555
Dynamics of growth rate of **calves--twins** in 074776
treatment of urolithiasis in **veal calves.** 076069

CALVING
SEE BIRTH

CAMBENDAZOLE
efficacy of **cambendazole against** gastrointes- 075618
trails with **levamisole, cambendazole,** & mor- 075700

CAMBIUM
on chemical composition of **cambial saps** of 078221
d-glucose-4-epimerase in **cambial tissue** & di- 078233

CAMELS
from Hyalomma ticks **infecting camels** in E- 080000
Increasing productivity in **camel raising.** 074495

CAMPONOTUS
F. by exocrine products of **ant Camponotus** 080404

CANADENSIS
of serviceberry, **(Amelanchier canadensis).** 078863
of eastern redbud. [**Cercis canadensis**]. 078849
of horseweed oil. [**Conyza canadensis**]. 073898
Elodea canadensis Michx. at Jevnaker. 076621
Lit parish, Jamland. [**Elodea canadensis, R-** 076792
latent virus. [**Sambucus canadensis**]. 079176
of Canada hemlock **(Tsuga canadensis).** 078861

CANALS
A French **agricultural canal**-- Canal della S- 081595
Alimentary canal: a review (1971-1972). [V- 075459
Rotational **canal closure** & multiple cropping 078363
A hugh project in India: **canal** from **Ganga** 081686
remedied before **canal inception.** 081652
of waterlogging in a non-**canal irrigated** tract 081631
rise of ground water due to **canal irrigation** 081634
of sugarcane cuttings from **Canal Point,** Flor- 079196

CANCER
New data on virus **causing cancer.** [Livestock 075885

CANDIDA
sterility & apocarpy in **Bauhinia candida** R- 076949
Chlorella pyrenoidosa, **Candida bogoriensis]** 077355
growth of spring tail, **Folsomia candida** (Col- 080331
of bread supplemented with **Candida utilis.** 073767

CANE
What made **Australian cane** cutter so durable 080803
of red raspberry Malling **Exploit canes.** 078745
of methods for severing **fruiting canes.** 078643
Effect of **cane girdling** on yield & quality of 078794
aspects of mechanical **cane harvesting** in Qu- 072995
Sugar **cane quality** control & sugar yield. [T- 073678
Optimal rrplanting time for **sugar cane.** 078382

CANINES
Factors to consider in **canine blood** transfus- 075497
antigenic relationship with **borrelia canis.** 075915
in treatment of **canine dermatitis.** 075891
induced **canine dermatophilosis.** [Dermatoph- 075622
Canine diabetes mellitus. 076074
gondii antibodies in selected **feline, canine,** 075631
Characterization of **canine hepatic** & renal 074578
New concepts in **canine hepatic** function. 075999
on vaginal cytology during **canine oestrous** 075336
density measurements in **canine tibias** in situ 074796
to superinfection with **Toxocara canis:** evide- 075793
Canine viral infections: Etiological notions, 075774

CANNERIES
Soil recycling of **cannery wastes.** 081324

CANNIBALISM
Feather eating & **cannibalism** in **poultry &** 076121

CANNING
Textural breakdown in **canned apricots.** 074263
Texture changes in **canned apricots.** II. Stu- 078997
Canning fruits & vegetables. 074294
Comparison of quality of **canned meat** & ca- 073600
Canning & pH [hydrogen-ion concentration] 074160
of cauliflower during **canning & pickling** as 074279
Deeping quality of **tinned processed** cheese 073654
Canned rice foods. 074148
extraction of light filth from **canned whole** 073577

CANNULA
A **cannula system** for frequent infusions into 075501

CANNULATION
Cannulation of an **hepatic** vein, protal vein 074787
Cannulation of **thoracic** duct in sheep. 075568

CANOPY
Microclimate under **green canopies** & produ- 074475
An apparatus for study of **leaf canopy** optics 077430
growth rate in **canopies** of six **temperate** for- 077763
Canopy temperatures of barley as influenced 077653

CAPILLARY
Action in **capillary resistance** of two flavonic 077526

CAPITAL
of owner's **capital** in **agriculture.** 073065
use & for raising efficiency of **capital assets** 073050
Effectiveness of utilizing **basic capital** & cap- 073113
analysis of effectiveness of **basic capital** of c- 073115
Amortization of **basic capital** in agriculture. 073116
Calculating capital expenditure by means of 072987
An analytical study of **farm capital** utilizati- 072989
Thoughts on **foreign capital** in agriculture. 073001
More labor & **capital** for **forest** fertilization 076298
Capital formation on Ecuadorian frontier: a 072780
Intensification, capital-, labor-, & material i- 072859
Reducing **capital intensity** in animal raising 073096
Capital investments & level of return. [Agri- 073016
Effectiveness of **capital investments** & prod- 073086
utilizing basic capital & **capital investments** 073113
calculations of **capital investments.** [Agricul- 073114
Capital investments & financing sources on 073122
Intensification, **capital-, labor-,** & material i- 072859
British agriculture: **capital & loans.** 073010
concept to development of **national capital** 073540
Capital return & structure of **primary capital.** 073019
Standards of basic **production capital** for rai- 073111
Reducing capital intensity in animal raising 073096
to development of national **capital region.** 073540
Capital return & structure of primary capital 073019
Capital-saving building types for bull fatten- 080705
Land appreciation & **capital structure** of fa- 072777
a pooled reformulaton of **capital structure** of 073138
analytical study of farm **capital utilization** in 072989

CAPITALISM
farm machinery in **advanced capitalist** count- 080967

CAPRIFOLIACEAE
Lonicera maackii **(Caprifoliaceae)** adventive 076631
Taxonomic study of **Caprifoliaceae.** 076702
rate of shoots of **Lonicera coerulea.** 077471

CAPSAICIN
identification of **capsaicin & allied** compound 078045

CAPSELLA
Capsella [bursa-pastoris L.] embryogenesis: 076941

CAPSICUM
of chilli [red peppers] **(Capsicum frutescens** 079820

CAPSIDS
SEE MIRIDAE

CAPSULE
during growth of tobacco flower & **capsule.** 077854
of heparin in bovine **liver capsule.** 074622

CAPTIVITY
malignant catarrhal fever in **captive white-ta-** 075664

CARABIDAE
of ground beetles (Coleoptera: **Carabidae)** fr- 080506
Capture of **Carabidae** (Coleoptera) species at 080538
ground beetle poplulations. **[Carabidae, air** 080197
species of Mongolia **(Coleoptera, Carabidae)** 080613

CARAUSIUS
sheath in stick insect **(Carausius morosus,** Br 080353

CARBAMATES
of several acetamide, **acylanilide, carbamate,** 080136
methyl-5 pyrazolyl **dimethyl carbamate).** 076159

CARBAMOYL
of Dimetilan **(2-dimethyl carbamyl-3** methyl 076159

CARBARYL
White Leghorns fed malathion & **carbaryl.** 075318
sprayers by measurement of **carbaryl deposit,** 078945
Infrared analysis of **carbaryl insecticide:** mo- 079626
livestock in relation to **carbaryl poisoning.** 073693

CARBOFURAN
Carbofuran for **control** of pests of rice. 079729
of **carbofuran** & 3-**hydroxycarbofuran** residu- 080087
distribution of **carbofuran** & its **metabolites** 077770
translocation of **carbofuran residues** in mug- 080068

CARBOHYDRATES
of feedstuffs rich in **carbohydrates.** 2. Studies 074319
Gas production patterns by **carbohydrates.** 074982
Dynamics of **carbohydrates & amino** acids in 078187
studies on **available carbohydrates** in grasses 077789
Carbohydrates of **buffalo** & goat semen. 075267
studies on lignin-**carbohydrate complexes. [** 076480
On amino acid **& carbohydrate composition** 077607
digestibility & **carbohydrate composition** of 077686
polyphenols & **carbohydrates composition** of 077805
acid losses when **carbohydrate-containing** s- 074748
storage on changes of **carbohydrate content** 073895
Dietary carbohydrate: triglyceride interrelat- 073747
Carbohydrate feed-stuff made out of wood. 074357
eggs in neutral **carbohydrate fraction** of root 079312
photosynthetic rate **& carbohydrate levels** of 077857
resonance] studies on **lignin-carbohydrate** c- 076480
on **carbohydrate metabolism** in high saturat- 074632
protein & **carbohydrate metabolism** in geese 075053
of protein & **carbohydrate metabolism** in or- 078008
Carbohydrate metabolism in Musa paradisia- 078118
incognita eggs in **neutral carbohydrate** fract- 079312
moisture stress on **carbohydrate** & **nitrogen** 077775
On **carbohydrate & nucleic** acid in leaves & 077610
syrup & other **carbohydrates** on **physical** pr- 073823
Accumulation of **carbohydrates** in **ripening** r- 077678
Amount of **carbohydrates** in **roots** of selecti- 077682
Utilization of **carbohydrates** by **soft** rot fun- 079112
refractive indices of **carbohydrate solutions.** 073824
refractive indices of **carbohydrate solutions.** 073827
Structural carbohydrates in arundinoid genus 077851
functions of **carbohydrate** in **wheat** flour. 074111

CARBONATES
increased rates of **ammonium carbonate** on 077887
various sources & sizes of **calcium carbonate** 074732
impermeable earlier by **sodium carbonate.** 081148
mazzard cherry varieties on **carbonate soils.** 078637
Studying carbonates in Moldavian Chernoz- 081169

CARBONIC
of some non-volatile **carbonic acids** for freez- 077475

CARBONS
intravenous injection of [1-14C] **[carbon]** as- 073759
metabolism of aflatoxin B.-14C**[carbon]** in b- 074541
disease virus & analysis of their c **[carbon]-** 075957
intravenous injection of [1-14C] **[carbon]** as- 076024
Incorporation of DL-[3-**carbon** 13] cysteine 076942
Skeletonema costatum obtained with **carbon** 077482
Investigation on production of 14C **[carbon]** 077806
Metabolism of indolacetic acid-1-14C **[carb-n]** 077992
on retention & distribution of 14 C **[carbon]** 078231
Epoxidation & fate of [14**Carbon**] aldrin in 079645
studies on penetration of C**[carbon]**-dieldrin 079925
Influence of cropping **& activated carbon** on 079604
of various kinds of **active carbon** to decolori- 073918
woodland soils. II. **Changes** in **carbon,** hydr- 081161
Comparative carbon metabolism in plants. 077615
mellea by incubation in **different carbon** sou- 077406
embryos: exogenous C02, **[carbon dioxide]** p- 074725
of short dark periods on **carbon dioxide** upt- 077336
incorporation of marked **carbon dioxide** in i- 077550
Ozone induced **carbon dioxide** evolution in 077836
vegetables as influenced by **carbon dioxide** 078023
mixture of methyl bromide & **carbon dioxide** 079934
of energy, moisture & **carbon dioxide** excha- 080766
Carbon dioxide fertilization in greenhouse c- 081390
dithiocarbamates & with **carbon disulfide.** 080062
enzymes that take part in **carbon fixation.** 077564
products of photosynthetic **carbon fixation** a- 079209
acid. [Gibberella **fujikuroi, carbon].** 077498
Ozone **induced carbon** dioxide evolution in 077836
production of **carbon-13 labeled** sugars: toba- 077693
light on incorporation of **Carbon** 14-**leucine** 077734
Study of metabolism of **carbon** 14 **marked** c- 074498
Nature & amount of **carbon-**14 **marked** com- 077486
fistulosa & incorporation of **marked carbon** 077550
Comparative **carbon metabolism** in plants. 077615
Photosynthetic **carbon monoxide** metabolixm 077876
of early products of **photosynthetic carbon** f- 079209
by incubation in different **carbon sources. [** 077406

CARBONYLS
Comparison of **carbonyl compounds** in roast- 077760

CARBOXYL
of meat, distribution of **carboxyl groups** of 074032

CARBOXYLASES
of plant **P-enolpyruvate carboxylases** by glu- 077542
on **phosphoenolpyruvate carboxylase** & mala- 077846

CARBOXYLATION
of **carboxylation & decarboxylation** enzymes 077354
carboxylation of **phosphoenolpyruvate** during 077336

CARBOXYLESTERASES
of pig liver **microsomal carboxylesterase.** 074542

CARBOXYMETHYL
Carboxymethylation of **cellulose** acetate. 076482

CARCASS
Detailed **carcass analysis** of Czech Large W- 075333
Waste removal: **Animal carcass** disposal. [L- 073428
qualitative **carcass characteristics.** 074955
among production **carcass composition** & ca- 075252
Detailed carcass analysis of Czech Large W- 075333
Waste removal: Animal **carcass disposal. [L-** 073428
Beef Cattle Test & **Carcass Evaluation.** 073992
Postmortem shrinkage of **lamb carcasses.** 074023
insurance in slaughter **carcass marketing** of 073209
Carcass & meat inspection of calf; a photog- 073673
for their fattening & **carcass performance:** 075370
of valuable parts of fattened **pig carcasses** w- 074004
high-speed cooling of halved **pig carcasses.** 074005
Evaluating **pig carcases.** 074022
of Salmonellae from **pork carcasses.** 073565
parameters among **production carcass** comp- 075252
Effects on quantitative & **qualitative carcass** 074955
carcass composition & **carcass quality** traits 075252
animal insurance in **slaughter carcass** marke- 073209
utilization of **carcasses & slaughterhouse** wa- 074050
animals & marketing of **swine carcasses.** II. 073207
studies on improvement of **carcass value** of f- 074049
psoas major & relation to **carcass value** of 074777
Fattening result & **carcass value** of crossbred 075109
Fattening performance & **carcass value** of H- 075115
A performance evaluation & **carcass yield** of 074888

CARCINOGENS
Carcinogens produced by fungi. 077320

CARDBOARD
SEE FIBERBOARD

CARDENOLIDES
Biosynthesis of **cardenolides** in **Digitalis** lan- 077497

CARDIAC
Cardiac arrest & cardiopulmonary resuscitat- 075548
after implantations of **corpora cardiaca.** 080328
II. Study of morphology of **cardiac electric** 075510
Cardiac glycosides (heart poisons) in polka- 079845
radiologic aspects in **cardiac insufficiency** of 076055
iridoid glucoside from **Leomurus cardiaca** L 077446
on cardiovascular function & **cardiac rhythm** 075546
Induction of difference of **cardiac rhythm** at 080369
thiobarbiturate **cardiac sensitization** to cate- 075450

CARDIOVASCULAR
Congenital **cardiovascular abnormalities** in 076079
Cardiovascular function in panting & nonpa- 074534

anesthetic agents on **cardiovascular function** 075546

CAREERS
SEE OCCUPATIONS

CAREX
Oldest collection of **Carex heleonastes** in Q- 076722
Carex livida found in Halland. 076790

CARICA
of pawpaw varieties (**Carica papaya** L.) in 077091
in some varieties of papaya (**Carica papaya** l- 078610

CARNATIONS
sp parasitica (Dastus) waterh. of **Carnation:** 078907
in breeding of **Chabaud carnations** (M2--M3 077021
virus on glasshouse **carnation cultures** in ce- 079172
rationalization of **carnation production.** [Di- 078696

CAROTENE
Photobleaching of beta-**carotene** in **solution** 077491
of some inhibitors of **carotene synthesis** on 077455

CAROTENOIDS
On biosynthesis of **carotenoids.** V. Biosynth- 077597
Contributions to biosynthesis of **carotenoids.** 077598
Carotenoids anno 1972. [Phytochemistry, d- 077554
speed analysis for **carotenoids** in **feed** mater- 074320
Carotenoid pigments of spider mite Tetrany- 080454
Decreased **plasma carotenoids** during aflatox- 076137

CARPEL
on stamen sterility & **apocarpy** in **Bauhinia** 076949

CARPINUS
SEE CORYLACEAE

CARPOCAPSA
SEE TORTRICIDAE

CARPUS
cobalt gamma radiation on **equine carpus.** 1. 074547
cobalt gamma radiation on **equine carpus.** 2. 074548

CARROTS
factors on solutes accululated. [**Carrots**]. 078140
Herbicide evaluation studies with **carrots** (079469
chemical weed control in **carrots, cucumber,** 079458
Crossing wild & **cultivated carrots.** 077266
in vitro tissues of Polish-bred **edible carrot** 077096
Fodder carrot--its importance, performance, 078315
on yield & quality of **carrots relative** to soil 081297
Experience & results of **carrot storage** during 074271

CARTILAGE
of ground substance in **epiphyseal cartilage** 074619

CARTOGRAPHY
Cartography as a means for **ecological** resea- 076842
Cartography geomorphological & ecology. [076843
First experiments in **cartography** of **groups** 076691

CARYOPHYLLACEAE
Labor requirements, **Dianthus caryophyllus**] 072921
M2--M3). [**Dianthus caryophyllus**]. 077021
production. [**Dianthus caryophyllus**]. 078696
quantitative [**dianthus caryophyllus**] estimat- 078907
in central Poland. [**Dianthus caryophyllus**]. 079172
of saponin from bark of **Quillaja saponaria.** 077555

CASEIN
TS-A2, TS-B, R-, & S-**caseins:** their isolation 073946
infusion of **casein** on its **consumption** by yo- 074867
on phosphorus level of **casein** in **goat** milk. 074713
of temperature & urea on **casein micelle** co- 073952
Studies on forms of **casein micelles.** III. Inf- 073951

CASSAVA
Cassava growing in Thailand. 078580

CASSIA
culture with leaves of **Cassia angustifolia.** 077619
from roots of **Cassia occidentalis.** 077515
of flowers of **Cassia occidentalis.** 077560

CASTANEA
Studies on breeding of **chestnut, Castanea** s- 079792
of sweet chestnut (**Castanea sativa** Mill.) & 081160
of sweet chestnut (**Castanea sativa** Mill.) & 081161

CASTOR
litura Boisd. (Noctuidae) on **castor.** 079657
of seed-borne fungi from **castor seeds.** 079017

CASTORBEANS
acid species from **castorbean endosperm:** in- 077858
chain fatty acid synthesis **ib castorbean** see- 077931

CASTRATION
Scrotal ablation & **castration** in **dog.** 075460

CASUARINA
nitrogen fixation in **Casuarina nodules.** 077315

CATABOLISM
III. Enzymer of **glucose catabolism.** 077470
of temperature on **glutamate catabolism** & g- 075858

CATAGLYPHIS
adapted eyes of desert **ants, Cataglyphis** bic- 080352

CATALASES
on activity of **catalase** & **peroxidase** in rabbit 074818

CATALYSIS
model for peroxidase-**catalyzed oxidation** of 078126

CATARACTS
Congenital **cataract associated** with persiste- 076090

CATARRH
infected with **catarrhal bronchopneumonia.** 075970
disease resembling malignant **catarrhal fever** 075664

CATCHMENT
of some farmed & **forested catchments** in so- 081747
Water **catchment management** & recreation- 081717
guide to policy making in **water catchments** 081718

CATECHINS
Catechin content of Riesling & Portuguese 074311
Catechin & **leucoanthocyanidin** dynamics (P- 081036

CATECHOLAMINES
sensitization to **catecholamines** in **dogs.** 075450
Tyrosine & **catecholamine metabolism** in wi- 080320
Effect of **catecholamines** on in **vitro** release 074518

CATECHU
of spent heartwood of **Acacia catechu** (Khair 076484

CATENAS
Study of soil profile morphology of a **catena** 081137

CATERPILLARS
on fungus diseases of **caterpillars** of **Archer'** 080433
seeds for control of **caterpillar Laspeyresia** 079885
fluoride on behaviour of **caterpillars Scotia** 080202
Controlling eastern **tent caterpillar.** [Maloc- 079858

CATFISH
Demand for farm-raised **channel catfish** in s- 073328
assessing freshness of chilled **channel catfish** 073636
Aroma & flavor of farm-raised **channel catfi-h:** 073845

CATHARANTHUS
Alkaloids of **Catharanthus longifolius** (Pich- 077527

CATIONS
spectra of chlorophyll a anion & **cation.** 077311
of ferric & ferrous **cation content** in enriched 073917
with special consideration of **cation content** 076828
in desert plants: 1. **Cation contents** of some 076781
Cation-dependent quenching of fluorescence 077997
On chemistry of **cation exchange** between r- 077561
plant tissues by high-speed **cation exchange** 080084
On chemistry of **cation exchange** between r- 081191
to distrubution of **exchangeable cations** in so- 081129
Effect of **metal cations** on swelling & gelatin- 074208
translocation **monovalent cations** by plants 077786

CATOPIDAE
On some **Catopidae** (Coleoptera) of Neotrop- 080469
of group (**Coleoptera, Catopidae**). [Proptom- 080474

CATS
after lesions of dorsal hippocampus in **cats.** 074512
for studying intestinal hemodynamics in **cat** 074519
Normal electrocardiogram of **cat.** 074586
through spinocervical tract. [**Cats**]. 074665
synthetic progestogens in dog & **cat.** 074806
Nutritive requirements in **cat.** 074897
with meperidine or morphine in **cats.** 075454
Tomanol preparation used for dogs & **cats.** 075503
Glomerulonephritis in dog & **cat:** a compara- 075634
Treatment of dermatomycosis in dog & **cat.** 075673
man, small runinants, rodents, dogs & **cats** 075922
of distal flemoral epiphysis in dog & **cat.** 076003
features of spinal lesions in dogs & **cats.** 076071
Aetiology of glaucoma in dog & **cat.** 076077
of mammary neoplasia in dog & **cat.** 076084
lenticular luxation & subluxation in **cats.** 076089
Traumatic dislocation of elbow. [**Cats**]. 076152
ankylose cervical spondylosis of **adult cat.** 076051
Mycoplasma in a **cat colony.** 075893
alimentary response in **cats,** in **conditions** of 074510
from urine of dogs & **cats** with **cystitis.** 075629
of toxoplasma infections in **cats** as **detected** 075897
sinusoidal wall. [Livestock, **dogs, cats**]. 074680
lenperone, a new tranquilizer for **dogs, cats** 075560
Pancreas, [Diseases, **dogs, cats**]. 076002
therapy of polyuric renal failure. [**Dogs, cats**] 076038
post-road accident chest injuries. [**Dogs, cats**] 076150
Reproduction patterns in **domestic cat.** 075190
in defensive behavior of **cats following** inject- 074511
bone destruction in a **cat** with **immature** leu- 076028
Ectoparasites of dogs & **cats** in **Iran.** 079986
techniques for urethrostomy in **male cat.** 075535
Role of **cat** in **natural** history of Toxoplasma 075611
of ovaries of certain mammals. [**Cats, rabbits,** 074506
Kidney vascular supply in **rat, cat** & dog. 074500
Cats reared in stroboscopic illumination: eff- 074693
a survey of domiciled & **stray cats.** [Toxopla- 075628
Kitten visual cortex: short-term, stimulus-in- 074791
upon plastid development. [**Cats, wheat**]. 077883

CATTLE
Philippines caused by season of year. [**Cattle**] 073927
differences in distribution of fat in **cattle.** 073991
Slaughtering line for **cattle.** 074059
of meat type breeder herd. [**Cattle**]. 074378
Raising of livestock in Alpine region. [**Cattle**] 074394
meat utility of Slovak Spotted breed. [**Cattle**] 074527
liver of certain ruminant species. [**Cattle**]. 074529
undiluted nasal secretions from **cattle.** 074539
Biological basis of machine milking. [**Cattle**] 074679
content in blood serum. I. [**Cattle**]. 074683
bones with increasing age. [**Cattle**]. 074760
of forestomachs & stomach in **cattle.** 074762
of their interpretation & use in field. [**Cattle**] 074807
Supplementary feeding of **steers.** 074949
Holstein Chamber of Agriculture. [**Cattle**]. 075014
studies into acid-base ratio in **cattle.** [Feed] 075019
due to copper deficit in sheep & **cattle.** 075020
of superphosphate on growth of **steers.** 075075
from experimental underfeeding. [**Cattle**]. 075091
supplementation in winter pasture. [**Cattle**] 075096
large-scale fattening of young bulls & **steers** 075132
Draff for **cattle.** [Feeding, wet grains]. 075153
efficient use of feeds in stall housing. [**Cattle**] 075166
benzyl alcohol on oestrous cycle of **cattle.** 075194
distribution of transferrin genes in **cattle.** 075236
controlling polymorphous characters. [**Cattle**] 075237
when you use heat detection aids. [**Cattle**]. 075244
in reproduction of cows & **heifers.** 075292
on genes with visible effects in **cattle.** 075345
prostaglandin F2alpha in **heifers.** 075349
of industry-like milk production. [**Cattle**]. 075365
production of breeding measures. [**Cattle**]. 075367
resulting in peak performances. [**Cattle**]. 075369
to influence tthe sex of offspring in **cattle.** 075372
dairy & dual-purpose breeds. [**Cattle**]. 075410
Basic acid & fluid equilibrium in **cattle:** A g- 075465
pathologic ovaries of cows & **heifers.** IV. Zi- 075559
Cavitary operations on **cattle.** 075573
in Musoma District, Tanzania. [**Cattle**]. 075595
characteristics of lympholeukosis in **cattle.** 8 075607
treatment of osteomyelitis in a **heifer.** 075647
of Eimeria zuernii in cell cultures. [**Cattle**]. 075696
Alimentary mycotic lesions in **cattle:** a histo- 075731
East Coast Fever of **cattle:** 60Co [cobalt] ir- 075732
for gastro-intestinal nematodes of **cattle.** 075785
strain of Mycoplasma mycoides in **cattle.** 075831
of mucormycosis of forestomach in **cattle.** [075855
protein derivative] tuberculin for **cattle.** 075870
on resistenance of mycobacteria. [**Cattle**]. 075886
Trichomoniasis in **cattle.** 075926
in blood serum in cases of mastitis. [**Cattle**] 075927
On diagnosing adenovirus infection in **cattle** 075928
tapeworm disease of farms. [**Cattle**]. 075936
farms against lungworm infestations. [**Cattle** 075943
on virulence of Theileria annulata. [**Cattle**]. 075945
Study of toxoplasmosis in **cattle.** 075946
of terenol in paramfistosis of **cattle.** [Liorchi 075950
is here so take precautions now. [**Cattle**]. 076023
Studies on grass tetany in **cattle.** I. Cases of 076025
performed reticulitis traumatica in **cattle.** 076031
due to copper deficit in sheep & **cattle.** 076033
Ketosis situation. [**Cattle**]. 076039
Acute pulmonary emphysema of **cattle.** 076044
ketosis, iI. secondary ketosis. [**Cattle**]. 076061
calcinosis: A new pasture disease of **cattle.** 076068
Diet & rumenitis. [**Cattle**]. 076073
interstitial pulmonary emphysema. [**Cattle**] 076100
Pasture feed & animal health. [**Cattle**]. 076129
clincal course of thermal burns in **cattle.** 076145
Foot lameness in **cattle.** 076157
supplementation in winter pasture. [**Cattle**] 078521
on development of female ticks. [**Cattle**]. 079999
East Coast Fever of **cattle:** 60Co [cobalt] ir- 080010
Water for **cattle.** [Equipment]. 080986
grass: pennisetum purpureum, Schum. [**Catt-e** 074891
characteristics of leukosis in **cattle.** 10. Spr- 075608
isolate of Haemonchus contortus in **cattle.** 075697
prophylaxis of grass tetany in **cattle,** 4. Use 076032
Evaluation of meatness of **cattle according** to 074441
content in healthy & **acetonanemic cattle** af- 076065
porphyric fetal, neonatal & **adult cattle.** 074596
amino acids in leukocytes of **cattle affected** 075873
voluntary feed intake of **Afrikaner heifers** & 075004
immunization of **heifers against** Staphylococ- 075681
Fight **against cattle** fever ticks. [Babesia] d- 080029
biometrical study of ovaries of **heifers** in **age** 074759
To history of **ancient cattle** husbandry in so- 074425

Charolais, Simmental, **Aberdeen-Angus**]. 075415
drinking bowls for **cattle approved** by Germ- 080928
Possibilities of **Argentine cattle** husbandry. 073517
Competitive conditions within **beef cattle** pr- 072849
from results of industry-like **beef cattle** pro- 072880
with white breeds of **beef cattle.** [Chiana, 072883
in industrialized raising of **beef cattle.** 072890
Economic evaluation of **beef cattle** producti- 072986
for deliverable-quality **beef cattle.** 073342
Beef cattle industry facts. 073478
Production potential for **beef cattle** in weste- 073500
Trends in **beef cattle** production in United 073559
Prediction of slaughter age in **beef cattle.** 073990
Colorado **Beef Cattle** Test & Carcass Evalua- 073992
Raising of **beef cattle** in a permanent free s- 074395
with white breeds of **beef cattle.** [Chiana, 074411
15Th annual **Beef Cattle** Day report, May 074432
Range **beef cattle** management. 074433
value of crop residues for **beef** cattle & lam- 074915
Nutritive requirements for **beef cattle** for gr- 074930
A study on establishment of a **beef cattle** he- 075033
Feed additives for **beef cattle.** 075079
management & feeding of **beef cattle.** 075104
Selection of male lines of **beef cattle** for te- 075212
upon level of environment? [**Beef cattle**]. 075222
Crossing with **beef cattle** for milk production 075245
carcass quality traits of **beef cattle.** 075252
A study on establishment of a **beef cattle** he- 075312
Testing genotype of **beef cattle** x DSR hybr- 075370
on weaning weight of **Brahman cattle** in Co- 074789
Gain Test of Sertaozinho. [**Cattle, Brazil**]. 074446
Control stables for **bred heifers.** 074419
analysis of Czech Pied **cattle breed** at slaug- 074038
U.S. exports of beef **breeding cattle** in cale- 073217
region of Pechora. [Dairy **cattle, breeding**]. 074484
of milk protein yield into **cattle breeding** pr- 075186
of milk protein yield into **cattle breeding** pr- 075188
bull mothers & bulls in dairy **cattle breeding** 075189
Problems of **cattle breeding** policy in Austria 075231
trends in Black-and-White **cattle breeding** in 075313
Black-and-White Lowland **cattle breeding** in 075314
developing an industry-like **cattle breeding** 075362
of artificial insemination in **cattle breeding** 075368
Cattle breeding program present topic: Bav- 075380
of removing manure in **cattle breeding** & mi- 080722
scale production forms of **cattle breeding**--h- 080775
hexoses in sera of different **cattle breeds** in 074712
of genetic improvement of **cattle breeds** with 075408
applied in serodiagnosis of **cattle brucellosis** 075796
tick feber is dangerous. [**Cattle, buffaloes**]. 079993
Meat condition of **heifers** & **bulls** fattened u- 075116
Bunaji cattle at Shika Research Station No- 075344
Predicting dystocia in first-**calf heifers.** 075219
Market outlook for **cattle** & **calves** 1973. 073281
imperfecta in Holstein-**Friesian calves.** 076013
housing systems for **cattle** & **calves** (Review) 080775
on weaning weight of **Brahman cattle** in Co- 074789
test of Schleswig-**Holstein Chamber** of Agri- 075014
Top breeding bull of **Charolais cattle** in non 075422
of deer, sheep & **cattle compared.** 073005
Exposure of **cattle** to **controlled** subzero te- 074537
S.A. And Canada: Auctions; a **Friesian cow** 072793
Estimating heritability of **Hereford cow** wei- 075254
metabolism of **Holstein cows.** 074658
hemoglobin types in **Holstein cows,** Zebus, 075352
performances of Nelore & **crossbred steers** f- 074892
milk production in Siberia. [**Dairy cattle**]. 072970
keeping track of a large herd. [**Dairy cattle**] 074404
Dairy cattle maintenance in Dutch farms: 074420
production in winter half-year. [**Dairy cattle** 074458
Dairy cattle housing in Hungary. [Dairy ba- 074469
in northern region of Pechora. [**Dairy cattle** 074484
nitrogen additions to silages for **dairy cattle** 074920
Nutritive requirements for **dairy cattle.** 074929
Feed rations for **dairy cattle** during winter f- 074935
Hormone supplies in feeding **dairy cattle.** 074937
Local by-products as feeds for **dairy cattle.** I 074940
Studies on intensive grazing of **dairy cattle.** 074988
Studies on intensive grazing of **dairy cattle.** 074989
Protein for **dairy cattle.** 074997
Dairy cattle rearing on field cropand grassl- 075012
cobs from hot air dried grass to **dairy cattle** 075015
of bull mothers & bulls in **dairy cattle** breed- 075189
indicus & Bos taurus, crossbred **dairy cattle** 075195
Dairy cattle hybrid is " good one". 075240
to improve fertility of **dairy cattle.** 075294
Breeding work with **dairy cattle** from gene 075366
of mutability & heritability of **dairy cattle** t- 075420
an area of intensive raising of **dairy cattle.** 075557
Flies soon will be bugging you! [**Dairy cattle**] 079996
Methods of housing for **dairy cattle.** 080702
Economical building types for **dairy cattle** h- 080703
Dairy cattle manure liquid: Solid separation 081810
in liquid handling of **dairy cattle** manure. 081826
supplement while on pasture. [**Dairy cattle**] 074944
grass & price of feed cakes. [**Dairy cattle**]. 078254
15Th annual Beef **Cattle Day** report, May 074432
technology & biology in **designing cattle** stal- 080759
secundinarum of **cattle** with **Dexamethason-** 076147
acid & hexoses in sera of **different cattle** br- 074712
feeds on activity of **cattle digestive** tract. 074833
Cattle disease guide. 075474
types 1, 2, & 3 in **cattle** in **districts** of Azer- 075598
Thoughts on **driving cattle** to pasture. 074421
Problems caused by **cattle dung** & associated 079990
pneumonia viruses in **cattle** in **eastern** Slov- 075953
Pedicuring **cattle, equipment** approved by G- 074416
Valuation of inventories on **cattle farms** & t- 073518
hydrolyzed starch combined with **cattle-fat** 074852
On economy of **fattening cattle:** A descripti- 072903
increasing effectiveness of **fattening cattle.** 072977
between sorghum & corn in **fattening steers** 074889
Feeding for **cattle fattening** in industrial pr- 074946
Use of meat-bone meal in **fattening cattle.** 075163
Fattening cattle on fresh beet pulp & quality 075167
on Michurin complex for **fattening cattle.** 081526
fraction in serum of young **cattle fed** with m- 074704
of Nelore & crossbred **steers fed** in confine- 074892
of barley & sorghum grain. [**Cattle, feed**]. 074338
Tips for buying **feeder cattle;** seelling fed be- 073202
a marketing tool for western **cattle feeders** 073341
Birds of a **cattle feedlot** in southern Californ- 073002
predispose to urolithiasis in **cattle feedlots.** 076014
On fattening of **female cattle.** 075016
Fight against **cattle fever** ticks. [Babesia] d- 080029
study of effect of selection of **heifers** & **first** 075311
Forecasting cattle market situation. 073148
carcass value of **Holstein Friesian** x DSR & 075115
imperfecta in **Holstein-Friesian** calves. 076013
glauca Benth.) on health of **cattle** in **Ghana** 074933
injections to cause infertility in **heifers, gilts** 075209
ruminants & their offspring. [**goats, cattle**]. 076005
by iodine defieciency. [endemic **goiter, cattle**] 076070
of stomach worm infection of **grazing cattle** 075867
fiber development in **cattle** during **growth.** 074587
artificially infested with **cattle grubs** Hypod- 079998
An analysis of data on Sokoto **Gudali cattle** 075342
carcass yield of 1/2 Swiss-**Guzera steers** in 074888
breeds & utility types of **cattle** in **Harvestor** 074376
of glycogen in liver cells of **healthy cattle** & 075990
Productivity of a **Brahman herd** in Colombia 074450
study on establishment of a beef **cattle herd** 075033
carcass value of **Holstein Friesian** x DSR & 075115
imperfecta in **Holstein-Friesian** calves. 076013
Bos primigenius Boj.) & **horned cattle.** 074686
Dairy **cattle housing** in Hungary. [Dairy ba- 074469
building types for dairy **cattle housing.** 080703
Uukuniemi virus antibodies in **human, cattle** 075612
Prospects of **cattle husbandry** & beef in pre- 073515
Possibilities of Argentine **cattle husbandry.** 073517
To history of ancient **cattle husbandry** in so- 074425
Dairy **cattle hybrid** is " good one". 075240
of purified **cattle immunoglobulin** preparati- 075577
Improving cattle in northern region of Pech- 074484
of metabolism in **cattle** during **increasing** of 075140
Performance of **steers** & **induced** cryptorchi- 075307
of cysticercosis in **cattle** in **industrial** slaugh- 075753
Beef **cattle industry** facts. 073478
of electirc energy in **cattle industry.** [Bulagr- 080738
coast fever: infectivity for **cattle** of **infective** 075710
in fat & solids-not-fat of **Holstein** & **Jersey** 073927
Serological research in **cattle** in **Kabete** area 075657
enzymes of blood serum of **Kostroma cattle.** 074824
characteristics of **cattle leukemia.** 11. Haem- 075603
characteristics of **cattle leukemia.** 12. Activi- 075604
characteristics of **cattle leukemia.** 9. Citoki- 075989
characteristics of **cattle leukemia.** 8. amount 075991
milk production. [Dairy **cattle, Lithuania**]. 074947
of length of parlour in **cattle litterless** stall 080717
Black-and-White **Lowland cattle** breeding in 075314
characteristics of **cattle lympholeukemia.** 6. 075605
characteristics of **cattle lympholeukemia.** 5. 075992
characteristics of **cattle lympholeukemia.** 6. 075993
Progressive method of **cattle maintenance.** 073023
Dairy **cattle maintenance** in Dutch farms: 074420
Range beef **cattle management.** 074433
of range forage & **cattle management** practi- 076043
Dairy **cattle manure** liquid: Solid separation 081810
in liquid handling of dairy **cattle manure.** 081826
Forecasting **cattle market** situation. 073148
Cattle market in change? 073282
A comeback for **steer meat?** 073317
view of & perspectives on **cattle** & **meat.** 073401
Establishing purebred herds of **meat cattle** 075414
solids-not-fat of Holstein & **Jersey milk** in 073927
of normal goats & **cattle** using a **modified** te- 074697
ammonia in **heifers** from 4 to 10 **months** of 074706
of invasive larvae of some **cattle nematodes.** 075948
coli mastitis in **cattle,** its **pathogenisis** & tre- 075869
Does rearing **cattle pay?** 073095
Pedicuring cattle, equipment approved by G- 074416
monomycin to **cattle** in a two-**percent** solu- 075575
on feeding of high **performing cattle.** 075127
technological analysis of Czech **Pied cattle** 074038
with singles of Czech Red **Pied cattle.** 074776
reproductive function in **cattle** of **Piedmont** 075198
to study of growth of **Pinzgau heifers** since 074528
50th anniversary of **cattle plague** eradication 075757
Altai Black Variegated & Red **Plain cattle** 075238
of minerals in **cattle** in **pregnancy**-to-lactati- 075021
decomposition of slaughter **steer prices** & its 073337
conditions within beef **cattle production.** [F- 072849
of industry-like beef **cattle production.** (East 072880
evaluation of beef **cattle production** on past- 072986
Development of slaughter **cattle production** 073465
Industrial slaughter **cattle production.** 073466
Trends in beef **cattle production** in United 073559
large-scale enterprises of **cattle production**-- 074453
s milk in raising & crossing **purebred cattle** 075412
Manufacture of **purified cattle** immunoglobu- 075577
Rhipicephalus appendiculatus, **rabbits, cattle**] 075795
analysis of data on Azaouak & **Rahaji cattle** 075343
labor productivity in **cattle raising** industry 072955
Some problems on **raising cattle** on state fa- 073108
prophylaxis & therapy in **raising cattle** for f- 075532
age/sex groups of Kenya **range cattle.** 074602
strontium concentrations in **range cattle.** 074652
Program for development of **cattle rearing** f- 072786
organisation in a young-**cattle rearing** unit. 072932
Does **rearing cattle** pay? 073095
Dairy **cattle rearing** on field cropand grassl- 075012
Present topics in **cattle rearing:** Vital statist- 075198
Cattle rearing: A dream made reality. [Coc- 079945
fluorescent antibody test of **cattle recovered** 075843
Digestion of nutrients by **cattle** as **related** to 074849
in muscle tissues of **cattle** in **relation** to time 074702
Change in hide of **cattle** in **relation** to age of 074830
swine production in **Schleswig holstein.** [Pri- 073177
performance test of **Schleswig-Holstein** Ch- 075014
for forage plants in **Schleswig-Holstein.** 078277
Selecting cattle for an increased protein con- 075334
of mercury in tissues of **cattle, sheep,** & chi- 073632
by single & dual grazing by **cattle** & **sheep.** 074857
Matching grass to stock. [**Cattle, sheep**]. 074907
for better protein utilization. [**Cattle, sheep**] 075024
Apsheron-Kobystan).[**Sheep, cattle**]. 075685
of moniesiasis in ruminants. [**Cattle, sheep**] 075751
to infection rate of districts. [**Sheep, cattle**] 075849
in livestock of Far East. [**Cattle, sheep,** poul- 075857
Medico-legal consequences. [**Cattle, sheep**]. 076144
by single & dual grazing by **cattle** & **sheep.** 076815
of mercury in tissues of **cattle, sheep,** & chi- 080090
On breeding German **Simmental cattle.** 075296
of young crossbred & **Simmental cattle.** [M- 075405
breeds. [Charolais, **Simmental, Aberdeen-A-** 075415
in sheep & **heifers** by a **single** injection of p- 075428
A spectral decomposition of **slaughter steer** 073337
Development of **slaughter cattle** production 073465
Industrial **slaughter cattle** production. 073466
of antibiotics in meat of **slaughtered cattle.** 073592
of tuberculosis in **cattle** with **special** referen- 075651
biology in designing **cattle stalls.** 080759
of animal improvement. [**Cattle, swine,** poul- 073315
from different species. [Mice, **swine, cattle,** 074590
injured muscles in livestock. [**Cattle, swine**] 074837
B12 in feed rations of young **cattle, swine** & 075147
use of whole milk substitutes. [**Cattle, swine** 075172
Weaver syndrome in Brown **Swiss cattle:** cl- 076092
Cattle in **Tanzania** are plagued by flies & b- 079995
Colorado Beef **Cattle Test** & Carcass Evalua- 073992
resistance in Mackay strain of **cattle tick** (079950
system of egg & larva of **cattle tick** (Boophi- 080198
heritability of dairy **cattle traits** by twin me- 075420
properties of milk from **cattle treated** with 073563
prenatal mortality in **heifers treated** with 075275
properties of milk from **cattle treated** with 075587
Use of sevin for **treating cattle** with Bovicola 080043
species. [Mice, swine, **cattle, turkeys**] 5. 074590
Delaware, Maryland, New **Jersey university** 081430
as a marketing tool for **western cattle** feede- 073341
Present trends in Black-and-**White cattle** br- 075313
Labour organisation in a **young-cattle** rearing 072932
On quality of meat & hide of **young cattle.** 074056
pasturing & fattening of **young cattle.** 074487
fraction in serum of **young cattle** fed with m- 074704
methods of feeding **young cattle** & in produc- 074910
perchlorate in fattening **young cattle.** 074992
A, D2, & B12 in feed rations of **young cattle** 075147
Large-scale fattening of **young cattle** in Len- 075159
health & milk yield of cows & **young cattle.** 075169
production of calves & (or) **young cattle.** 075214
of meat productivity of **young cattle** of plan- 075425
in dairy, fattening or rearing **young cattle?** 074423
population in rumen of **Zebu cattle.** 074633
vitamin A upon corn silage for **Zebu cattle.** 074893

CAULIFLOWERS

Self-blanche--a new variety of **cauliflower.** 078762
of effect of root injuries on **cauliflower** (Bra- 079248
Calcium deficiency in **cauliflower:** Disease s- 079294
facilitating harvesting of **cauliflowers.** 080875
Discoloration of **cauliflower** during **canning** 074279
sites for replication of **cauliflower mosaic** vi- 079203

CAVES

Cave cricket activity rhythms & earth tides. 080330
estimate on terrestrial, **cavernicolous fauna** 080477
studies of sediments from **Salzofen cave** in 076723

CAVIA

lactation in guinea pig (**Cavia procellus**). 074589

CAVITIES

topographical anatomy of **abdominal cavity** 074761
Solitary **cavity formation** in bronchial syst- 076066
Pompeii: root & stone **cavities reveal** vineya- 078822

CAVUM
Left cranial **vena cava** without corresponding 076012

CECIDOMYIIDAE
to fauna of Netherlands. VI. [**Cecidomyiidae** 080529

CECUM
Gastric & **caecal lesions** in pigs following fe- 075123

CEDARS
Survival of **cedar young** growth in fellings of 078210

CELASTRACEAE
on behaviour of **Euonymus europaeus** L. Em- 078176

CELLS
by means of vaccine prepared in **cells.** 075746
monophosphate] & **cell aggregation** in cellul- 077279
Metabolism of glucose by **unicellular blue-g-** 077331
pastoris L.] embryogenesis: **central cell.** 076941
kinetin on permeability of Allium **cepa cells** 078123
Porous plates of coniform **chloride cells** in 080301
Nosematidae) in **cells** of **Choristoneura** fumi- 080218
of a switch of cell types in **clonal cell** culture 074694
contents in freeze-etched **coleoptile cells** of 076906
at 850 anaometers by **cellular constituents** of 077669
of differentiated types of **cells constituting** p- 076911
to mitosis in cultured pea root **cortex cells.** 077989
Motile Systems of **Cells, Cracow,** August 3- 076884
growth & differentiation of **cells** of **cullular** 077357
of mammalian (hamster) **cell culture** to infe- 075809
of chick retinal pigment **cells cultured** in vit- 074694
microscopic observations of **cultured cells** & 076891
coronaviruses: co-infection of **cell cultures** w- 075619
of Eimeria zuernii in **cell cultures.** [Cattle]. 075696
light microscopy of infected **cell cultures.** 075836
DDT in human embryonic lung **cell cultures** 080098
of continuous infection in vero **cell cultures.** 080246
Duration of mitotic **cell cycle** in root tip cel- 076943
mutants in various phases of **cell cycle** of C- 077101
ribosomal ribonucleic acid during **cell cycle** 077329
enzyme activities during **cell cycle** of eucar- 077397
xylanolytic degradation of **delignified cell** w- 076477
intake on kidney **cellular development** in pr- 074975
Cell growth & **cell development.** 076966
Synchronization of **cell division** in meristem 076897
Cell division in higher plants. 076965
Chromosome damage in **cells** of **dormant** Cr- 077205
Effects of proflavine on **cell elongation** & 078108
Correlation between **cell enlargement** in pea 078131
Correlation between **cell enlargement** in pea 078132
on synthesis of some **extracellular enzymes** 079125
groups on staining of upper **epidermal cells** 078153
Role of **epidermal cells** in moulding surface 080302
of lipid droplets in **epithelial cells** of sheep 074645
of a ciliated columnar **epithelial cell** type wi- 074649
of cell shape & rate of **cell expansion** by et- 077972
metabolic inhibitors on giant **cell formation** 077574
Cell-free preparations of Marek's disease vi- 075691
Biosynthesis of sterol glycosides in **cell-free** 077269
reduction of D-xylose by **cell-free** extract of 077323
Sexual & somatic **cell fusions** in heterothallic 077456
Effects of metabolic inhibitors on **giant cell** 077574
Cell growth & cell development. 076966
are only viable cells: analysis of **guard cell** 076905
to protein & RNA synthesis in **HeLa cells.** 080083
Pyridoxine release by **cells** of **highand** low-a- 081143
Flavonoid glycosides from **illuminated cell** s- 078116
Intra-cellular localization of herbicide diph- 079535
postnatal nutrient intake on **kidney cellular** 074975
of chromatin of two **larval cell** types. 080201
5-Bromodeoxyuridine-resistant **cell lines** fr- 077146
of Toxoplasma gondii in mosquito **cell lines** 080246
MD-2 on amount of glycogen in **liver cells** of 075990
amount of glycogen in **liver cells.** 075991
fractions & subfractions of rat **liver cells.** 080091
ribonucleates. I. **Subcellular localization** of 077706
Intra-**cellular localization** of herbicide diph- 079535
of DDT in human embryonic **lung cell** cultu- 080098
pure bursa-dependent **lymphoid cell** populat- 074583
reticuloendothelial & bone **marrow cells.** [G- 075689
On distribution of **mast cells** in lungs & liver 074529
antimacrophage serum on **mast cells** in expe- 075591
Cell-mediated immune responses in calves w- 075616
aspects of colchicine action on **meiotic cells.** 078085
neuraminidase in **cells** of **membranes** of chi- 075600
of electric resistance of **cell membranes** of 076898
Fine structure of intercalary **meristem cells** 077005
enzymes in isolated **mesophyll cells** & bund- 077354
An **intracellular micro**-organism associated 079347
alkaline phosphatase in **migrating cells.** 075604
Duration of **mitotic cell** cycle in root tip cel- 076943
of Toxoplasma gondii in **mosquito cell** lines 080246
lactate & pyruvate by two-**cell mouse** embry- 074667
of elastic tissue & smooth **muscle cells** in s- 074618
Effects of insecticides on **mycetom-cells** of 079882
in staining of **neurosecretory cells.** [Insects] 080431
in oriented displacements of **cell organelles.** 077280
pigment contents in **parenchyma cells** of pa- 077001
Cell physiological & biochemical study of P- 076218
Blood level of progesterone & **cell picture** of 076085
from progeny of chick retinal **pigment cells** 074694
changes observed in **pituitary cells** of indige- 075091
Structure of **plant cell** walls. IV. A structur- 076963
of protein synthesis in cultured **plant cell** su- 077350
Study of **extracellular polysaccharides** prod- 077339
bursa-dependent lymphoid **cell population.** 074583
viable cells: analysis of guard **cell potassium** 076905
synthesis & release of **extracellular protease** 077360
cattle. 8. Some indices of **cellular reaction.** 075607
Intracellular recording from in situ working 074514
5-Bromodeoxyuridine-**resistant cell** lines fr- 077146
sensitivity of individual **retinula cells.** [Dipt- 080306
Spectral sensitivity of dipteran **retinula cells** 080310
Sex specific behavior of **seminal cells** after t- 075291
Sertoli-cell tumor of testicle in a 19 year old 076020
Control of **cell shape** & rate of cell expansi- 077972
autoradiographic study of **intracellular sites** 079203
syntheses in embryonic sheep **skin cells** in v- 074799
pseudoplasmodia of **cellular slime** molds. 076911
cell aggregation in **cellular slime** molds. [Ac- 077279
Sexual & **somatic cell** fusions in heterothallic 077456
of mitochondria in etiolated pea **stem cells** 076960
of label into **intercellular substance** of stylar 076880
of wall hemicellulose of **cell suspension** cult- 076963
glycosides from illuminated **cell suspension** 078116
synthesis in cultured plant **cell suspensions:** 077350
by bovine adenovirus on **testicular cells** of c- 075883
of mitotic cell cycle in root **tip cells** of male 076943
smoke & its constituents on **cells, tissues** & 077447
Tissue culture of **tobacco cells** in tank. 077713
Sertoli-**cell tumor** of testicle in a 19 year old 076020
of a ciliated columnar epithelial **cell type** wi- 074649
a demonstration of a switch of **cell types** in 074694
of chromatin of two larval **cell types.** 080201
methods for plating single **vegetative cells** of 077341
of continuous infection in **vero cell** cultures. 080246
L. so that stomatat are only **viable cells:** an- 076905
acid treatment on soluble & **cell wall** bound 077495
of indoleacetic acid & kinetin on **cell wall** r- 077758
effects on microfibril orientation & **cell wall** 077972
degradation of delignified **cell walls** in wood 076477
Structure of plant **cell walls.** IV. A structur- 076963
of saccharides present in **cell walls** of alga 077371
Enzymatic degradation of **cell walls** by phy- 078909
Sensitivity of meiotic **yeast cells** to ultravio- 077081

CELLULOSE
compounds on thin layers of **cellulose.** VIII. 073874
properties & crystallinity of **cellulose.** 076572
Carboxymethylation of **cellulose acetate.** 076482
retardation of **cellulose degradation** during 076541
of distillers feeds on **cellulose digestion** in e- 074914
orientation in native **cellulose fibers.** [Cotton 074221
Beta-glucanases & **non-cellulosic glucans** in 077878
Truth on **cellulose market.** 076468

CENCHRUS
of field sandbur (**Cenchrus pauchflorus**) in l- 079585

CENSUS
population, housing & farm **census facts;** ra- 072698
Results of agricultural & **forestry census** for 073352
method of management: **Census & results.** 072862

CENTIPEDES
of earthworms, molluscs & **centipedes.** 080168
Centipede decline: a progress report. [Erem- 078974

CENTRIFUGE
Milk ultracentrifugal opalescent layer. I. C- 073944
Effect of **centrifugation & repeated** washing 075261

CENTROSEMA
gayanus, Digitaria **decumbens, Centrosema** 078342

CENTROSPORA
caused in parsnip by **Centrospora acerina** (079036

CEPA
SEE ALLIUM

CEPHALIC
A description of **cephalic endoskeleton** in H- 080194
Evolution of **cephalic exocrine** glandular sys- 080296

CEPHALOSPORIUM
paecilomyces **farinosus, Cephalosporium** lec- 080433

CEPHALOTAXUS
of minor alkaloids of **Cephalotaxus fortunei** 077441

CERAMBYCIDAE
Notes on **Cerambycidae** (Coleoptera). VIII 080626
Callichromatini (**Coleoptera, Cerambycidae**) 080623

CERATITIS
development of insect **Ceratitis capitata.** 080260

CERATOCYSTIS
in Ceratocystis ulmi, **Ceratocystis piceae, &** 076895
disease control. [Dieback, **Ceratocystis ulmi** 078990

CERATOPHYLLACEAE
Ceratophyllum demersum in Torne Lappma- 076794

CERATOPOGONIDAE
genus Culicoides (**Diptera, Ceratopogonidae**) 080587
pamiricus] (**Diptera, Ceratopogonidae**) from 080588

CERATOPTERIS
SEE PARKERIACEAE

CERCI
sense organs on **cerci** of **polyphagid** cockroa- 080294

CERCIS
SEE LEGUMINOSAE

CERCOCARPUS
mountainmahogany. [**Cercocarpus montanus**] 077780

CERCOSPORA
Studies on **Cercospora** [beticola] leaf spot of 079000
maximum. [**Cercospora fusimaculans**]. 078906
to eye spot (**Cercosporella herpotrichoides** 077252
nodorum, **Cercosporella herpotrichoides,** Er- 079021
caused by **Cercosporella herpotrichoides** Fr- 079034
of **Cercosporella herpotrichoides** Fron . [Gra- 079040
Behaviour of **Cercosporella herpotrichoides** 079078
to eye spot (**Cercosporella herpotrichoides** 079098
Behaviour of **Cercosporella herpotrichoides** 081219
vine & a newly observed **Cercospora leaf** sp- 078965
resistant to benomyl for **Cercospora musae** 078973

CERCOSPORELLA
SEE CERCOSPORA

CEREALS
New mileposts in nutrition. [**Cereals**]. 073721
Granulation value of lamina of **cereals** (with 077062
use of its features for selection of **cereals.** I. 077741
use of its features for selection of **cereals.** II 077742
quality determining parameters of **cereals.** 078305
wheat in intensive production of **cereals.** 078551
Powdery mildew of **cereals.** [Barley, wheat, 079079
in control of Apera spica-venti in **cereals.** 079440
Herbicides in **cereals.** 079575
nitrogen rearrangement & yield of **cereals.** 081343
Soil treatment after **cereals.** 081538
Protection of **cereals against** lodging. [Varie- 078560
special reference to **cereals** & **assessment** of 073758
weed control in winter **cereals autumn.** 079450
Rice **breakfast cereals** & infant foods. 074147
qualifying test marks in **cereal breeding.** 077050
Early diagnosis in **cereal breeding.** 077055
Shortening of test period in **cereal breeding** 077064
some insecticides in controlling **cereal bugs** 079737
rotation with higher **cereal concentration** by 078301
Powdery mildew of **cereals** & its **control.** [E- 078919
of some insecticides in **controlling cereal** bu- 079737
effect of nitrogen on succeeding **cereal crop** 081377
New method of grading seeds of **cereal crops** 074229
in research of succeeding **cereal crops.** 078303
of nutritional condition of **cereal crops.** 081342
Forage & oleaginous **cereal cultivars** obtain- 078371
profile from point of view **cereal culture.** 078302
Plant protection in **cereal culture** of tomorr- 079339
Soil tillage in **cereal culture.** 081533
Effect of **different cereals** on egg production 074951
Contamination of **cereals & flour** with pest 073619
protein composition of **fodder cereals** by bre- 074911
of development of **cereals genetics** & breedi- 077149
amylase induction in **germinating cereal** see- 077898
micro Kjeldahl digestion of **cereal grains** & 074085
within crop rotation with **higher cereal** conc- 078301
in light to medium soils for **higher cereal** yi- 078310
Septoria species on **cereals, important** chara- 079035
of pests & diseases in **cereal** in **industrial** pl- 079375
nitrogen fertilization in **industrialized cereal** 081350
adjusted cultivation in **intensive cereal** prod- 078309
Sweepnet sampling for **cereal leaf** beetle, O- 079700
A **major cereals** project to improve maize, s- 073390
Cereal mildew on wheat. 079092
five years of expansion of **cereal & milling** i- 074197
Research work in **cereal & milling** industry 074200
Forage & **oleaginous cereal** cultivars obtain- 078371
of overwintering adults of **cereal pest** (Eury- 079757
processing of whole **cereal plants** in state fa- 078317
of improving quality of **processed cereal** pro- 074198
Results of chantes in **cereal processing** met- 074199
of nitrogen doses in **cereal productio n** by es- 081338
aspects of world wide **cereal production.** 072646
for intensification of **cereal production** from 072810
of size & structure of **cereal production** in a- 072811
in intensification of **cereal production.** 078295
Intensification of **cereal production** within c- 078301
cultivation in intensive **cereal production.** 078309
further intensification of **cereal production** in 078316
for intensification of **cereal production.** 078318
cultivation methods in **cereal production.** 078319
in industrialized **cereal production.** 081350
quality of processed **cereal products** in past 074198
A major **cereals project** to improve maize, s- 073390

harvest treatment of **cereals** with **regard** to 074209
yield & protein content of **cereals** in **relation** 081339
Contributions to history of **cereal research** 074126
Current problems of **cereal research**; a scien- 078294
induction in germinating **cereal seeds.** 077898
productivity of winter & **spring cereals** wint- 077755
of winter & spring **cereals spring** barley. 077756
seed--basis for high yields of **spring cereals.** 078552
findings in research of **succeeding cereal** cro- 078303
effect of nitrogen on **succeeding cereal** crop 081377
Implications of EEC. **cereal support**; prices 073200
Steps to reduce loss in **cereal transport.** 073203
Praise of new **cereal varieties.** 078559
production profile from point of **view cereal** 078302
situation in occurrence of **cereal virus** diseas- 079165
harvesting & processing of **whole cereal** pla- 078317
Social aspects of world **wide cereal** producti- 072646
of winter & spring **cereals winter** whea- 077755
analysis, for shooting of **winter cereals.** 078320
mistures on weeds & **winter cereals.** 079409
Chemical weed control in **winter cereals** aut- 079450
practices on formation of **cereal yield** by he- 078296
to medium soils for higher **cereal yields.** [S- 078310

CEREBROSPINAL
of L-tryptophan from **cerebrospinal fluid** in 074664
infusions into CSF [**cerebrospinal fluid**] of c- 075501

CEREVISIA
pyrifera & **Saccharomyces cerevisiae**) on pr- 075584
series of **Saccharomyces cerevisiae.** 077196
to X-rays. [**Saccharomyces cerevisiae**]. 077230

CERTIFICATION
Certification of **agricultural** machines. 080980
Certification for **genetic** purity. [Seeds]. 077114
quality British Columbia-**grown certified** se- 078640
Certified Sebego seed stocks & seed-piece tr- 078900
agency viewpoint on **varietal certification.** 078380
Certification of **vector** control personnel in 079981

CERULOPLASMIN
affecting plasma **ceruloplasmin activity** in G- 074595

CERVIX
hypervitaminosis A & **ankylose cervical** spo- 076051
epithelial cell type within **bovine cervical** m- 074649
About **cervical ectocardia** nature in connecti- 076053
Cervical kyphosis in an Afghan Hound. 075996

CESIUM
of 90Sr[strontium] & 137Cs[**cesium**] in poul- 073589
Distribution of 137Cs [**cesium**] in soils & ve- 081073
distribution of strontium 90, **calcium, cesium** 077294
Accumulation of **fallout cesium** 137 in soils 081879
of excretion of **cesium** & its **retention** in mu- 074702
Behaviour of **Cesium** 137 in **soils** & in syst- 077565

CESTODA
of a Japanese quail, with an **avian cestode** f- 075733
helminths as well as **cestodes, nematodes** & 073696

CETRARIA
SEE PARMELIACEAE

CHAETOMIUM
Lipid composition of **Chaetomium cochliodes** 077454
by soft rot **fungus, Chaetomium** goobosum 079112
Chaetomium ramipilosum nov. Sp. Morphol- 076614

CHAFER
European chafer, a continuing lawn problem 079835

CHAINS
accumulation of very long **chain compounds** 077999
metabolic turnover of long-**chain fatty** acids 077459
Development of activity of long **chain fatty** 077931
suppliers until 1980 using **Markov chains.** 073181
results for 1980 with help of **Markov chains** 073385
consequences of dietary **medium-chain** trigly- 074967
Effect of **medium chain** triglycerides & dieta- 074974
problems concerning use of **motor chain** saws 076516

CHALCIDIDAE
pictus (Forst.) (**Hymenoptera, Chalcididae,** 079883

CHAMBERS
A source of light for **assimilation chambers.** 077568
rooting media in plant **growth chambers.** 077297
test of Schleswig-**Holstein Chamber** of Agri- 075014
plants. VI. Examination of **chamber method** 077793

CHAMPAGNE
matter in soils of cretaceous "**Champagne**" 081050

CHANNELS
Evaluation of a two-**channel automated** syst- 075908
Demand for farm-raised **channel catfish** in s- 073328
assessing freshness of chilled **channel catfish** 073636
flavor of farm-raised **channel catfish:** effects 073845
Marketing channels for eggs. 073325

CHARACEAE
Algae, Chara & Cladophora: problems they 079433
Does resting potential of **Chara braunii** have 077383
of **Characeae,** made **simultaneously** with ext- 076898
reticulum in genesis of **Chara-statoliths.** 076971

CHAROLAIS
Prevailing results of stocks of **Charolais bul-s** 075381
judging breeding qualities of **Charolais bulls** 075438
Top breeding bull of **Charolais cattle** in non 075422
performance testing of **Charolais** & **German** 075374
bulls of meat breeds. [**Charolais, Simmental,** 075415

CHEESES
determination of titanium dioxide in **cheese** 073569
strain of Streptococcus lactis. [**Cheese**]. 073938
of pasturization on quality of **cheese.** 073956
hydrolysis by lactic acid bacteria in **cheese.** 073966
from **cheese** made from **bactofugated** milk. 073654
on composition & quality of **Gouda cheese.** 073973
properties of **commercial cheese** starters. 073972
Quality & yield of **cottage cheese** made with 073930
Utilization of **cottage cheese** whey in ice cr- 073931
American **cottage cheese.** 073976
Outstanding position of sour **milk cheese** as 073937
Mode of life of **cheese skipper,** Piophila cas- 079922
of a new composite film for **sliced cheese.** 073953
Cheese of **type** "Malga Fontin". 073971

CHELATES
Similar effects of iron-**chelating agents** & cy- 077620
Absorption & translocation of **iron chelate** of 077785
Efficiency of **iron chelate** in control of apple 079323

CHEMISTRY
technicians in biology & **chemistry.** 072630
Fighting weeds in feed grain with **chemicals** 079419
Control of sugar beet weeds with **chemicals.** 079426
Control weeds without **chemicals.** 079545
Suggestions for weed control with **chemicals** 079560
aberrations introduced by **chemical agents:** s- 077103
of artificial aeration on **chemistry** & **algae** of 081746
Isolation & **chemistry** of **alkaloids** of genus 078147
Chemical analysis of tobacco, tobacco leaf e- 074169
On **chemistry** of **cation** exchange between r- 077561
by light, chilling, & **certain chemical** treatm- 077646
vegetation & physico-**chemical characters** of 081044
Chemical colouring of lemon fruit. 074264
tabacum) & those **chemicals commonly** appl- 076127
tabacum) & those **chemicals commonly** appl- 076128
tabacum) & those **chemicals commonly** appl- 077799
tabacum) & those **chemicals commonly** appl- 077802
Vitelline membrane **chemical composition** in 074742
Seasonal variations of **chemical composition** 074990
nitrogen fertilizers on **chemical composition** 077296
mire in relation to **chemical composition** of 077384
development & **chemical composition** of We- 077681
on growth & **chemical composition** of some 077687
Dependence of **chemical composition** of pas- 077798
on yield, grade, & **chemical composition** of 077809
of maturation on **chemical composition** of se- 078185
season of growth on **chemical composition** of 078221
On **chemical composition** of Artemisia absin- 078884
Mineralogical & **chemical composition** of hi- 081022
Chemical composition of geological material 081193
Dependence of **chemical composition** of pas- 081415
dressing on yields & **chemical composition** of 081465
Chemical constituents of Australian Zantho- 076432
Chemical constituents of flowers of Cassia o- 077560
Studies on some **chemical constituents** in re- 079718
Chemical contaminants in food. 075520
Biological & **chemical control** measures of b- 076460
Chemical control of growth & flowering in 077977
Chemical control of fruit production. [Grow- 078051
Some observations on **chemical control** of c- 079014
Chemical control of Rhizoctonia bataticola 079030
loss in yield by black rust: **chemical control** 079050
fruit ripening. [Parasites, **chemical control**] 079332
protection & prospects of **chemical control.** 079377
Chemical control of cotton diseases. 079405
Contribution to **chemical control** of weeds in 079508
Chemical control of Atherigona varia soccata 079734
Management of **chemical control** against co- 079797
Recommendations for **chemical control** of m- 080012
eburnaphylline; **chemical coorelation** with a- 077603
Microbial versus **chemical degradation** of m- 080102
Chemical desiccation experiments with hard 077659
Efficient **chemical disinfection** of soil under 081539
New & **effective chemical** treatment to pres- 076539
Efficient chemical disinfection of soil under 081539
concerning botany & **chemistry** of **essentia** l 077593
Studies on **chemical evaluation** of tobacco q- 077929
Chemical expression of a sexual dimorphism 080247
Food chemical studies on starch. 1. Effect of 074261
Further chemical studies of Piper peepuloid- 077559
Vitelline **membrane chemical** composition in 074742
Influence of **chemical method** of shearing w- 074813
spectrometry & **chemical methods** for deter- 077445
On problem of **chemical-mineralogical** comp- 081023
Modern chemicals for controlling diseases of 079326
release fertilizers by **chemical modification** 081391
on effect of **chemical modifiers** on tobacco & 073643
winter wheat induced by **chemical mutagens** 077241
Side effects of **organic chemicals** on soil pro- 077418
of antibiotics & **chemicals** on **paramecia** & 080690
time of fruit ripening. [**Parasites, chemical** 079332
Chemical pest control needs overhauling. [I- 079661
Distribution & **chemistry** of **phosphorus** in 081393
Effect of storage upon **chemical, physical** & 074077
Changes in **chemical & physical** properties of 074105
Chemical & physical properties of cotton m- 074222
Effect of **chemical & physical** properties of 075054
wood & its influence on **chemical & physical** 076506
wood & its influence on **chemical & physical** 076507
to cover vegetation & **physico-chemical** char- 081044
Chemistry of **potential** chromophoric groups 076530
Evaluation of **chemicals** for **preserving** wood 076537
A **chemical procedure** for extraction of acro- 075271
fasting on some **chemical properties** of bovi- 074646
Isolation & some **chemical properties** of asp- 075274
Changes of **chemical properties** of lysimeter 081116
plow depth on **chemical properties** of soils 081395
influence on physical & **chemical properties** 081438
Effect of **chemical protection** against gamma 077224
Chemical pruning of caneberries (brambles) 079444
Three years trial of **chemical resistance** aga- 079053
Effect of **chemical restraint** drugs on passage 075451
1973 **Chemicals** for **seed** treatment of small 079045
1973 **Chemicals** for **seed** treatment of small 079046
glass bead medium. [**Soil chemistry**]. 081089
Fulvic acid metal complexes. [**Soil chemistry**] 081091
Food **chemical studies** on starch. 1. Effect of 074261
Further **chemical studies** of Piper peepuloid- 077559
of ejaculates with **chemical substances** & eff- 075291
through uses of some **chemical substances.** 078749
Algicidal effect of **chemical substances.** 080115
substances (products of **chemical synthesis**) 075146
New & effective **chemical treatment** to pres- 076539
chilling, & certain **chemical treatments.** [So- 077646
Chemical versus chick bioassay for phospho- 075046
Microbial **versus chemical** degradation of m- 080102
Chemical & in **vivo** evaluation of A brown m- 074979
Chemical & in **vivo** evaluation of a brown m- 074980
affecting release of **volatile chemicals** by for- 078245
responses of peach trees to **chemical weed** c- 078681
Chemical weed control in a nursery of Pseu- 079435
Chemical weed control in potato fields. 079449
Chemical weed control in winter cereals aut- 079450
On connection of **chemical weed** control ma- 079455
Results & experience from **chemical weed** c- 079458
Chemical weed control in hemp grown for s- 079541
Chemical weed control in wheat. 079558
Chemical weed control in tall bearded iris. 079615

CHEMISTS
Association of Official **Analytical Chemists**] 080056

CHEMOPROPHYLAXIS
SEE PROPHYLACTIC

CHEMOSTERILANTS
Effectiveness of **blacklight-chemosterilant** fe- 079699
Insect chemosterilants. XII. Phosphorus am- 079646

CHEMOSYSTEMATICS
SEE CHEMOTAXONOMY

CHEMOTAXONOMY
of eastern United States. [**Chemotaxonomy**] 076745
in Brassica & Sinapis. [**Chemotaxonomy**]. 076746
Chemotaxonomic investigations into wild sp- 076685
Chemosystematics in **Rutaceae.** II. chemosy- 076797
chemotaxonomy of three **Sophora** species. 076747
Contributions to **chemotaxonomic study** of 076784
Pomoideae: a **chemotaxonomic survey.** 076748

CHEMOTHERAPY
associated with antibiotics & **chemotherapy.** 075850
Chemotherapeutic evaluation of trimethopr- 075826

CHENOPODIACEAE
pathway photosynthesis. [**Atriplex, Panicum** 077326
of photosynthesis. [**Atriplex spongiosa**]. 077327

CHERNOZEM
wheat hybrids in non-**Chernozem area.** 077951
breeding center of central **Chernozem belt.** 077181
by potato plants in central **Chernozem belt** 077636
Plant breeding center of **central Chernozem** 077181
by potato plants in **central Chernozem** belt 077636
fertilizer phosphorus by **Chernozems & gray** 081192
cultivated on slightly **leached Chernozem.** 078458
on microflora of **leached Chernozem** soil. 079495
cultivated on slightly **leached Chernozem.** 081195
carbonates in **Moldavian Chernozems** by me- 081169
in northern Azov Sea **region Chernozem** soi- 081298
on microflora of leached **Chernozem soil.** 079495
yield of cabbages in leached **Chernozem soil** 081294
acids in **Chernozemic soils.** 081218
Chernozem soils of normal southern Kustan- 081250
features of **Chernozem soils** of southern Kus- 081251
of nitrates in southern **Chernozem soils** of 081253
Structural composition of **Chernozem soils** of 081254

northern Azov Sea region **Chernozem soils.** 081298
of mobile phosphorus in **Chernozem soils** of 081305
dynamics of nitrates in **southern Chernozem** 081253
Land resources of non-**Chernozem zone.** 072743
of Charolais cattle in non-**Chernozem zone.** 075422
central non-**Chernozem zone** of RSFSR. 081011
loamy soils of central non-**Chernozem zone** 081310

CHERRIES

Cracking in **cherries.** VI. Cracking susceptib- 077970
low temperatures, [Peaches, **cherries, apples** 073633
analysis of radial growth of **black cherry** (P- 078200
distribution pattern of winter **cherry bug,** A- 080359
on development of **cherry embryos** (Prunus 077006
varieties for intensive sweet **cherry growing** 078705
concerning mechanical sweet **cherry harvest** 080876
Propagation of **Mahaleb cherry** (Prunus ma- 078747
FD&C Red no. 40 in **Maraschino cherries** by 073580
Performance of **mazzard cherry** varieties on 078637
at low temperatures, [**Peaches, cherries,** app- 073633
1973 **Cherry pest** control. 079215
Brown rot of peaches, **plums, cherries** & oth- 078971
Development of sweet **cherry production** in 078701
Extension of sweet **cherry production** in fa- 078702
socialist working team. **Cherry production** a- 078703
For a **quality cherry.** 078633
on growth of apple & **cherry rootstocks** on l- 077996
maturation of some **sour cherry** varieties at 078188
Rootstocks for **sour cherries.** 078817
Development of **sweet cherry** production in 078701
Extension of **sweet cherry** production in fa- 078702
Cultivation of **sweet cherries** with special c- 078704
varieties for intensive **sweet cherry** growing 078705
concerning mechanical **sweet cherry** harvest 080876
maturation of some sour **cherry varieties** at 078188
Performance of mazzard **cherry varieties** on 078637
Cherry variety Magda. 078819
Spatial distribution pattern of **winter cherry** 080359

CHEST

SEE THORACIC

CHESTNUTS

Studies on breeding of **chestnut, Castanea** s- 079792
fertilizers to spring wheat in **chestnut soils** 081299
decomposition of **sweet chestnut** (Castanea 081160
decomposition of **sweet chestnut** (Castanea 081161
Ecological studies on **chestnut twig** borer, T- 079793
Soil features of **chestnut zone** of Aktiubinsk 081025

CHEWING

Recent developments in **chewing gum,** bubble 073825
Recent developments in **chewing gum,** bubble 073826

CHICKENS

from skeletal muscle tissue. [**Chickens**]. 073652
conventional freezing of **chicken.** 074072
absorption in small intestine of **chickens.** 074611
of B blood group alleles of **chicken.** [Geneti- 074674
eating behaviour & feed intake in **chickens.** 074700
growth rates to thiouracil. [**Chickens**]. 074715
vocalization in Gullus domesticus. [**Chickens**] 074718
of high temperature & ACTH [**chickens**] in- 074749
Thyroid metabolism of **chickens.** 1. Estimati- 074755
Effect of clomiphene citrate in **chickens.** 2. 074756
aldolase in glycogenic body of **chickens.** 074771
of amphetamine. [**Chickens**]. 074783
indices of blood & productivity of **chickens.** 074823
influence nutritive requirements of **chickens** 074873
along gastrointestinal tract of **chicken.** 074971
plasma metabolite levels in **chicken** (Gallus 074973
absorption & deposition in **chicken.** 074974
on variations in feeding activity of **chickens.** 074985
pigmentation to candled grade. [**Chickens**]. 075044
cholesterol content of certain tissues of **hen** 075045
protein level on egg production. [**Chickens**] 075050
humoral immune response of **chickens.** 075066
from plant feedstuffs in diets for **chickens.** 075069
glycogen body, liver & muscles of **chicken.** 075071
lines from Avicola-Aglietto. [**Chickens**]. 075199
dwarf progeny from dwarf dams. [**Chickens**] 075317
trends in a selected population. [**Chickens**]. 075320
anaesthetic CT 1341 in birds. [**Chickens**]. 075567
of Newcastle disease virus. [**Chickens**]. 075694
of Mycobacterium avium. [**Chickens**]. 075747
airborne dissemination. [**Chickens**]. 075806
of turkey herpesvirus to **chickens.** 2. Some f- 075812
of Rous sarcomas in two lines of **chickens.** 075817
by organisma of genus Chlamydia. [**Chicken** 075858
disease, & their diagnostic value. [**Chickens**] 075884
by RNA-DNA hybridization. [**Chickens**]. 075958
riboflavin deficiency syndrome in **chickens.** 076047
eating & cannibalism in poultry & **chickens.** 076121
of aflatoxin & rubratoxin to **chickens.** 076136
carotenoids during aflatoxicosis. [**Chickens**] 076137
synthesis in bursa of Fabricius of **chicken.** 074509
activity in Gallus domesticus. [**Chickens**]. 074595
Na4EDTA). [**Chickens**]. 074746
with solubles in layer rations. [**Chickens**]. 074918
exoerythrocytic form of parasite. [**Chickens**] 075734
in Marek's disease **affected chicken.** 074605
strain FC126) to protect **chickens against** 075624
of oral immunization of **chickens against** N- 075746
Circadian rhythms of **chicken brain** tempera- 074663
of young hens of White **Leghorn breed.** [Fe- 075068
performance of turkey **breeder hens.** 075055
What gentic advance can laying **hen breeders** 075242
source on reproducibility of **breeding hens.** 074986
on fatty acid composition of **chicken brest** 073661
B.-14C[carbon] in **broiler chickens.** 074541
Ability of **broiler chicken** to compensate for 074722
behavioral activities in **broiler chickens.** 074757
Nontoxigenicity to **broiler chickens** of corn 076135
protein hydrolyzate used in **chicken broth.** 073918
ammonia stress on **Leghorn chickens.** 074387
of D-[1-14C]hexosamine. [**Leghorn chickens** 074579
Bilirubin in gall of White **Leghorn chickens** 074766
ammonia stress on **Leghorn chickens.** 076118
hypothalamus in White **Leghorn cockerels** 074751
homogenate of White **Leghorn cockerels** in 074769
Egg production in **hens continuously** irradia- 074778
Immunization of **chickens** for **control** of infe- 075807
meal determined with **chickens** of **different** 075060
rehydration of freeze-**dried chicken** meat. 074080
of pollution of new-laid eggs of **hen, duck** & 073669
with guanidine hydrochloride. [**Hen egg**]. 074064
determination of calcium in **hen egg**-shells. 074526
Characterizing shape of a **hen's egg.** 074717
in poultry organisms & in **hen's eggs.** 073589
functional properties of **chicken eggs.** 074077
in poultry organisms & in **hen's eggs.** 074569
illumination of incubating **chicken eggs** on 074728
complex during incubation of **hen's eggs.** 075323
of inbreeding on quality of **chicken eggs.** 075351
complex during incubation of **hen's eggs.** 076048
Microphthalmia in triploid **chicken embryos** 074613
on subsequent livability of **chicken embryos:** 074725
trisomy mosaicism in **chicken embryos.** 074736
Structural change in turkey **hen fattening.** 075126
composition & defects of eggs from **hens fed** 075062
performance of caged White **Leghorns fed** 075318
performance of caged White **Leghorns fed** 075325
performance of caged White **Leghorns fed** 080126
performance of caged White **Leghorns fed** 080127
of Salmonella gallinarum. [**Chickens, fowl** t- 075784
of dry-chilling on flavor of **fried chicken.** 074069
Acceptance of precooked **frozen chicken** reh- 074070
stimulation of brain in **chickens, Gallus** gall- 075038
in tissues of cattle, sheep, & **chickens given** 073632
pohopshorus in **growing chickens.** 074763
acid requirements of **growing chickens.** 074917
amino acid requirement of **growing chickens** 075058
viruses in New **Hampshire chickens.** 074747
Chicken Harder's gland: evidence for a relat- 074583
chickens & **chickens** with **hereditary** muscul- 076021
Climate regulation in **hen house:** an econom- 074397
Improving microclimate of **hen houses** with 080793
of Shaver Starcross 288 laying **hen hybrids** 074875
Effect of **incorporating hen** manure into diet 075067
illumination of **incubating chicken** eggs on 074728
on egg production in White **Leghorn Layers** 074951
Salmonella in **laying hen.** 1. Salmonella rec- 073664
of technological parameters of **laying-hen** q- 074483
Effect of **hens laying** performance on eggs h- 074576
depletion of DDT residues from **laying hen.** 074721
Calcium metabolism in **laying hen.** 4. calci- 074730
Calcium metabolism in **laying hen.** 5. Effect 074732
Feeding of Shaver Starcross 288 **laying hen** 074875
a feed-lot trial with a ration of **laying hens'** 074888
of feed on feeding activity of **laying hens.** 074985
Effect of feeding **laying hens** various levels of 075039
Urea & diammonium citrate for **laying hens.** 075048
yolk, adipose tissue & liver of **laying hens.** 075049
quality & pesticide content of **laying hens** or 075061
syndrome in White Leghorn **laying hens.** 075063
Studies on fatty liver problem in **laying hens.** 075158
Breeding program for **laying hens.** 075229
Trials for line breeding in **laying hens.** 075230
What gentic advance can **laying hen** breeders 075242
Forced moulting reviewed. [**Laying hens**]. 075300
Salmonella in **laying hen.** 1. Salmonella rec- 075813
pyridyl phosphorothioate) to **laying hens.** 076140
depletion of DDT residues from **laying hen.** 080125
quality & pesticide content of **laying hens** or 080128
influencing liver fat content of **laying hens.** 074723
feed Bjarsjolagard with **laying hens,** 1971/1 074924
of D-[1-14C]hexosamine. [**Leghorn chickens** 074579
Bilirubin in gall of White **Leghorn chickens** 074766
ammonia stress on **Leghorn chickens.** 074387
trial with a ration of laying **hens' manure** dr- 074888
Effect of incorporating **hen manure** into diet 075067
rehydration of freeze-dried **chicken meat.** 074080
end-plates in slow & fast **chicken muscles** d- 074616
hen. 4. calcium status of **hen** at **night.** 074730
of follicles from **hens** of a **normal** & a blood 074716
in pectoral muscle of **normal chickens** & chi- 076021
isolated preparations of **chicken oesophagus** 074574
properties of a single **chicken pepsinogen** fr- 074560
in telencephalon of **chicken & pigeon.** 074719
of microwave reheated **precooked chickens** a- 074075
turkeys (strain FC126) to **protect chickens** 075624
of eggs from hybrid & **purebred chickens.** 074081
parameters of laying-**hen quarters.** 074483
Serological response of **chickens, rabbits** & 075832
hepatic metallothionein in **chicken & rats.** 074625
of precooked frozen **chicken reheated** by mi- 074070
DDT source & age of **hen** on **reproductive** p- 075325
Turkey & **chicken response** to a new antibio- 074898
levels in **chickens** with **reticuloendothelial** v- 075815
eggs from White Plymouth **Rock hens,** 1971 073355
capacity of White Plymouth **Rock hens,** 19 075206
helminthosis in **hens** of **Shumen** & Turgovis- 075918
Purification & properties of a **single chicken** 074560
as related to tibia strength in **spent hens.** 074729
used in animal fattening. [**Chickens, swine,** 073264
Chicken transferrin: high levels in chickens 075815
in diethylstilbestrol **treated chickens.** 075676
Microphthalmia in **triploid chicken** embryos 074613
crops & normal crops of **turkey hens.** 074744
Structural change in **turkey hen** fattening. 075126
at lighting on reproduction in **turkey hen.** 075322
requirements for **chickens & turkeys.** 074927
of mycoplasmosis in **chickens & turkeys.** 075670
isolated from **chickens & turkeys:** its applic- 075777
of blood sera of **chickens vaccinated** against 075888
to challenge induced in **chickens vaccinated** 075916
Effect of feeding laying **hens various** levels of 075039
shells laid by two lines of **White Leghorns.** 074743
of basal hypothalamus in **White Leghorn** co- 074751
Values of Bilirubin in gall of **White Leghorn** 074766
cereals on egg production in **White Leghorn** 074951
fatty liver syndrome in **White Leghorn** layi- 075063
of young hens of **White Leghorn** breed. [Fe- 075068
performance of caged **White Leghorns** fed 075318
performance of caged **White Leghorns** fed 075325
performance of caged **White Leghorns** fed 080126
performance of caged **White Leghorns** fed 080127
in liver homogenate of WL [**White Leghorn**] 074767
in liver homogenate of **White Leghorn** cock- 074769
phosphorus on development of **young hens** of 075068
Toxicity of mercury to **young chickens.** 1. Ef- 076133
Toxicity of mercury to **young chickens.** 2. G- 076134
Toxicity of mercury to **young chickens.** 3. C- 076141

CHICKS

of carbon 14 marked cholesterol in **chick.** 074498
calcium metabolism at unequally old **chicks** 074525
Intestinal absorption of choline in **chick.** 074566
branchiogenic organs of one-day-old **chick.** 074615
ultrastructure in slow muscle fibers of **chick** 074617
substance in epiphyseal cartilage of **chick.** 074619
of glutamic acid to proline in **chick.** 074754
phosphates on energy utilization by **chicks.** 075054
complexus in embryos & day-old **chicks.** 076040
on enzymes of proline metabolism in **chick.** 076049
with varying tannin contents for **chicks.** 1. 075064
with varying tannin contents for **chicks.** 2. 075065
of brain lesions: a functional **atlas** of **chick-** 074629
Chemical versus **chick bioassay** for phospho- 075046
in vitro in epiblast of **chick blastoderm.** 074670
Change in total lipids of **chick blood** in cases 075599
seed in feed mixtures for **broiler chicks.** 075094
respiratory responses of **chicks** to **carbone** 074656
hypothermia in 14-**day chick** embryo. 074727
Perosis of **chicks** on **diet** with unbalanced e- 076026
Aryl hydroxylase induction in **chick embryo** 074563
hypothermia in 14-day **chick embryo.** 074727
development of tibia in **embryonic chick.** 074540
produced in 4-day-old **chick embryos.** 074614
in cells of membranes of **chick embryos.** 075600
Lysine requerement of growing **chicks fed** se- 075057
gross protein value with **growing chicks.** I. 074987
Lysine requerement of **growing chicks** fed se- 075057
Lactobacillus acidophilus in **chicks** on **grow-h,** 074720
microculture technique for **chick leukocytes** 074597
ration & protein exchange in **chick liver.** 075137
of methyl mercury on **chicks & rats.** [Feed 076138
of lens tissue from progeny of **chick retinal** 074694
Nitroxynil). [Syngamus **trachea, chicks**]. 075741
performance of broiler **type chicks.** 074738
Chemical **versus chick** bioassay for phospho- 075046
of blood serum of **chicks** with **vitamin** A def- 075609
Thyroid function of **chicks** after **withdrawal** 075056
oxygen consumption in **young chicks.** 074592
hen manure into diet of **young chicks.** 075067

CHICKWEED

Control of mouse-**ear chickweed** (Cerastium 079583

CHICORY

in Cichorium intybus root tissue. [**Chicory**]. 077495
preliminary results of **chicory forcing** along 078694

CHIGGERS

SEE THROMBICULIDAE

CHILDREN

Dietary protein quality in infants & **children** 073709
Uncle sam feeds his **children.** 073729
how do we feed infants, **children, adolescents,** 073727
Feeding children. 073733
Children & flowers. 078768
of nutritional status of **preschool children.** 073710
education programs for **pre-school children.** 073717
on growth of **undernourished children.** [India 073714

CHILIS
of capsaicin & allied compound in **chilli.** [R- 078045
on effect of insecticides on yield of **chilli** [r- 079820
Solanum nigrum in spreading **chilli mosaic** v- 079186

CHILLI
SEE CHILIS

CHILO
stalk-borer infestations. [**Chilo agamemnon,** 079756
chilonis Munakata on rice stem **borer, Chilo** 079721
of some maize germplasms to **Chilo zonellus** 079718

CHILOPODA
Some **Chilopods** of **Hidaka** mountain range 080580

CHINCHILLAS
A practical skinning method. [**Chinchillas**]. 073994
berlin "Green Week". [**Minks, chinchillas**] 074393
in fur-bearing animals. [**Chinchillas, rabbits**] 075668

CHIONEA
Presence of **Chionea** in **Messaure** district. 080549

CHIP
heating in piled wood **chips--contribution** of 079141
Compression **debarked chips** from a whole-t- 076552
Potato **chip industry** & its raw materials. 074293
for deterioration of wood **chips stored** in out- 076526
economic factors in export of **wood chips** fr- 076430
of chemicals for preserving **wood chips** using 076537
treatment to preserve stored **wood chips.** 076539

CHIRONOMIDAE
Chironomidae (diptera) from Caucasus. II. 080467
adzharicus n.ssp. (**Chironomidae, Diptera**). 080466
to knowledge of **chironomid larvae** of Danu- 080500

CHITINASE
thuringiensis, plus enzyme **chitinase, against** 079901

CHLAMYDIACEAE
production by organisma of **genus Chlamydia.** 075858

CHLAMYDOMONAS
Eyespot of **Chlamydomonas eugametos:** a fr- 076915
membranes in **Chlamydomonas reinhardtii.** 076956
cell cycle of **Chlamydomonas reinhardtii.** 077329
on mating of **Chlamydomonas reinhardtii.** 077442

CHLAMYDOSPORES
of conidia & **chlamydospores** of **physiologic** 078902
Chlamydospores of **Schizophyllum** commune 076903

CHLORAMPHENICOL
Effect of **chloramphenicol** & **cycloheximide** 077694

CHLORATE
phosphorotrithioate & **magnesium chlorate** 077958

CHLORDANE
Chlordane-resistant Japanese beetle in New 079847

CHLORELLA
in synchronous cultures of **Chlorella.** 077543
of **Chlorella** with action of **ethyleneimine** & 077101
during cell cycle of **eucaryote Chlorella.** 077397
pyrophosphatase] of **Chlorella fusca** nitrate 077352
adaptation of **Chlorella populations** to chron- 077228
of glycolysis in **Chlorella pyrenoidosa** during 077342
starvation in **Chlorella pyrenoidosa.** 077409
Lipoxygenase in **Chlorella pyrenoidosa.** 077453
excreted by **Chlorella pyrenoidosa** under inf- 077486
mutagenesis in strains of **Chlorella vulgaris** 077089
induction period in **Chlorella vulgaris.** 077336
of nitrate reductase of **Chlorella vulgaris** Be- 077364
in vivo. [**Chlorella vulgaris**]. 077531

CHLORIDES
Chloride balance of some farmed & forested 081747
activity in chromatin from **cadmium chloride** 078004
Porous plates of coniform **chloride cells** in 080301
on after effect of **chlorocholine chloride** (C- 077755
on after effect of **chlorocholine chloride** (C- 077756
Differences in **chloride content** of flue-cured 077812
in soils.1. Study of silver **chloride electrodes** 081005
Effect of **chloride level** in irrigation water on 077928
Influence of **magnesium chloride** on formati- 075883
Variation of **chloride & nitrate** in leaf & the- 077809
activity in **chloride salinization.** 076959
Effect of **chloride salting** on calcium accumu- 077721
NaCl [**sodium chloride**] contamination in pi- 076233
under different levels of **sodium chloride.** 077475
NaCl [**sodium chloride**] contamination in pi- 081869
chloroethyl)**trimethylammonium chloride** on 076985
chloroethyl)**trimethylammonium chloride**] u- 077883
chloroethyl)**trimethylammonium chloride** on 077890
chloroethyl) **trimethylammonium chloride.** 079385
chlorethyl) **trimethylamonium chloride**]. 077905
on TTC [2,3,5-**triphenyltetrazolium chloride** 081222

CHLORINA
N-methylurea. II. **Chlorina mutations.** 077195

CHLORINATED
in formulations **containing chlorinated** pestic- 080053
procedures for **determining chlorinated** hydr- 081865
Chlorinated hydrocarbon insecticide residues 073639
extraction of **chlorinated hydrocarbon** insect- 080057
Chlorinated hydrocarbon insecticide residues 080103
extraction of **chlorinated hydrocarbon** insect- 081054
of several **chlorinated pesticides** by AOAC[080056

CHLORINE
Application of **chlorine number** in view of e- 073821
Residues of **organi-chlorine** pesticides in sa- 073691
Acccumulation of **chlorine-36 ring-**labeled 080047
transport & efflux of **chlorine, sulfate** & pot- 077965

CHLOROCHOLINE
on after effect of **chlorocholine chloride** (C- 077755
on after effect of **chlorocholine chloride** (C- 077756

CHLOROETHYL
in experiments with use of (2-**chloroethyl**)tr- 076985
growth retardant, CCC [(2-**chloroethyl**)trim- 077883
Effect of application of 2-**chloroethyl**)trimet- 077890
after an application of CCC. [**(2-chlorethyl)** 077905
fistulosus) as influenced by 2(**chloroethyl**) p- 078095
of blossom dropping with (**2-chloroethyl**) tr- 079385

CHLOROFORM
proteins found in **chloroform-methanol** extr- 074162
Prevention of **chloroform & thiobarbiturate** 075450

CHLOROGENIC
production of 14C [carbon]-**chlorogenic acid** 077806

CHLOROPHYCEAE
Epiphytic Tetrasporales (**Chlorophyceae**). [076762

CHLOROPHYLL
between nitrogen fertilization & **chlorophyll** 077903
metabolic heterogeneity of **chlorophylls.** 077492
Induction of rapid **chlorophyll accumulation** 077272
absorption spectra of **chlorophyll a anion** & 077311
of six barley lines with **chlorophyll assays** & 077674
Absorption & **chlorophyll** alpha **fluorescence** 078133
on photosynthesis & **chlorophyll formation** 077937
of pigments of **chlorophyll group** derivates in 074203
on occurrence of **chlorophyll mutations** in o- 077169
on spectrum of **chlorophyll mutations** in bar- 077224
Induction of **chlorophyll mutations** in bread 077261
to fluorescence of **chlorophyll** in a **number** of 077832
photochemical act of **chlorophyll quinone** in- 077310
of fluorescence of **chlorophyll** a in **vivo** by n- 077997

CHLOROPHYLLASES
leaves & their **chlorophyllase activity** in chl- 076959

CHLOROPHYLLIDES
between **chlorophyllide accumulation,** amou- 077835

CHLOROPLASTS
light induced movement of **chloroplasts.** [Va- 077283
Ribonucleic acid synthesis in **chloroplasts.** [078006
in light oriented **chloroplast arrangement.** 077282
spectra of Zamioculcas **boivinii chloroplasts** 077618
Assignment to **chloroplast & cytoplasm** of t- 077545
acid] met from **cytoplasm, chloroplasts** & m- 078130
incorporation by **chloroplast & cytoplasmic** 077707
leucine into **chloroplastic & cytoplasmic** pro- 077734
of maize leaves at **chloroplasts deformation** 077900
Action spectrum of **chloroplast displacemen-s** 077281
on partial reactions in **isolated chloroplasts.** 077407
RNA polymerase in **isolated chloroplasts** of 078110
Fine structure of **chloroplast membranes** of 076975
gradient across **chloroplast membranes.** [Let- 078032
On similarity of **mitochondria, chloroplasts** 076969
on mechanism of **chloroplast movement** in l- 077282
of polyribosomes in **pea chloroplasts.** 078177
Attachment of **chloroplast polysomes** to thy- 076956
reactions in **chloroplast rearrangements.** [L- 077290
Zamioculcas boivinii **chloroplasts recorded** in 077618
activity of **chloroplasts relative** to fluoresce- 077832
in cytoplasmic & **chloroplast ribosomal** ribo- 077329
of tris-treated & **sonicated chloroplasts.** [Sp- 078133
acid by disrupted **spinach chloroplasts.** 078005
triphosphatase] in **spinach chloroplasts.** 078007
Glutamine synthetase in **chloroplasts** of **Vic-a** 078142

CHLOROSIS
of iron chelate in control of **apple chlorosis** 079323
electrophoretic study of **cowpea chlorotic** m- 079178
Dynamics of pear growth & **iron chlorosis** p- 079322

CHOLECYST
secretin and/or **cholecystokinin** in **pigs?** 074609

CHOLERA
with suiferin C in hog **cholera herds.** 075683
separate vaccinations against **hog cholera** & 074825
of associated vaccination against **hog cholera** 075961
separate vaccinations against **hog cholera** & 075962
of combined vaccination against **hog cholera** 075969

CHOLESTEROL
dietary protein on **cholesterol absorption** & 074974
in diet & serum **cholesterol concentrattion:** 073713
on egg production & on **cholesterol content** 075045
metabolism of carbon 14 **marked cholesterol** 074498

CHOLINES
Content of sterines & **choline** in **certain** edib- 078161
Intestinal absorption of **choline** in **chick.** 074566

CHOLINESTERASES
Cholinesterase activity in Harderian gland of 074786
treatment with **cholinesterase-restoring** agen- 075778

CHONDRUS
SEE GIGARTINACEAE

CHOPPING
system of aeration for **chopped feed.** 080719
Chopper harvester trials in Central District 080804
Pelleting of grass meal & **chopped hay.** 074371

CHORIOMENINGITIS
Occurrence of **lymphocytic choriomeningitis** 075866

CHORION
mares given human **chorionic gonadotropin** 075184

CHORISTONEURA
male eastern spruce **budworm, Choristoneura** 080216
Quebec forests. [**Choristoneura fumiferana**] 079895
of technique. [**Choristoneura fumiferana,** C.p- 079907
United States. [**Choristoneura fumiferana,** 079913
in cells of **Choristoneura fumiferana** (Clem.) 080218

CHROMATIDS
distribution of **chromatid aberrations** introd- 077103

CHROMATIN
activity in **chromatin** from **cadmium** chloride 078004
Chromatin of **Drosophila** [hydei]: isolation 080201
Abscisic acid effects on **chromatin thermal** 078112

CHROMATOGRAPHY
oryzae by one-step **affinity chromatography** 077362
Quantitative **chromatographic analysis** of to- 077438
quality from gas **chromatographic analysis** of 077929
based on a thin-layer **chromatographic and/** 073965
cherries by **column chromatography.** 073580
argentation **column chromatography** for sep- 074285
Gas **chromatographic determination** of resid- 073582
Chromatographic examination of fats & oils 073830
Chromatographic examination & quantitative 078040
Hd-1200 E by **gel-filtration chromatography** 077567
Gas chromatographic determination of resid- 073582
Gas chromatography of flavonoids. 073876
Gas chromatographic-mass spectrometric an- 073877
Application of **gas-chromatography** in study 075329
lyophilized through **gas chromatography.** 075556
respiration using a **gas chromatograph.** 077382
by combined **gas chromatography-**mass spec- 077549
of tobacco quality from **gas chromatographic** 077929
Gas chromatographic determination of resid- 080054
Gas chromatographic method for analysis of 080093
maize leaves; **chromatographic investigations** 077920
Thin **layer chromatographic** test for mamma- 073578
based on a thin-**layer chromatographic** and/ 073965
Thin-**layer chromatography** study of saponin 077555
Frontal elution **liquid chromatography** of a 073875
by high pressure **liquid chromatography.** 073891
study of a gas-**liquid chromatographic** meth- 079425
cation exchange **liquid chromatography.** 080084
Gas **chromatographic-mass** spectrometric an- 073877
by combined gas **chromatography-mass** spec- 077549
of a gas-liquid **chromatographic method** for 079425
Gas **chromatographic method** for analysis of 080093
Paper chromatographic survey of anthocyan- 077377
densitometry from **paper chromatograms.** 078148
Chromatographic purification & fractionation 081114
Quantitative chromatographic analysis of to- 077438
technology. II. **Chromatographic studies** of 074132
Thin-layer **chromatography study** of saponin 077555
Paper **chromatographic survey** of anthocyan- 077377
Thin layer **chromatographic test** for mamma- 073578

CHROMIC
Chromic oxide & crude protein excretion in 074653
Beet pulp pellets as carrier of **chromic oxide** 074964

CHROMIUM
by using 59Fe [iron] & 51Cr [**chromium**] & 075586
Iron, nickel, & **chrome content** of plants on 077477
of fungicidal toxicity of some **copper-chrome** 076563
of vinyl monomers onto **chrome-tanned** hide 073985
Influence of maturing on **chrome tanning** of 074043

CHROMOMERES
release of DNA copies from **chromomeres.** 080274

CHROMOPROTEINS
properties of phytochrome. [Chromoproteins] 077616

CHROMOSOMES
in Drosophila melanogaster. [Chromosomes] 080280
seeds & sprouts. [Chromosomal aberrations] 077207
cages & field cause chromosomal aberrations 079701
association of chromosomes in asynaptic ge- 077047
associations of haploid barley chromosomes 077040
marker genes on barley chromosome 2 & a 077092
An analysis of chromosomal complements of 080211
of literature concerning chromosome identifi- 074627
Miscellaneous chromosome counts of western 076932
Chromosome damage in cells of dormant Cr- 077205
among segregation distorter chromosomes of 080265
interchromosomal distribution of chromatid 077103
rays on damage to chromosomes in dormant 077227
of an Agropyron elongatum chromosome. [077258
repetitive euchromatic chromosomal segmen- 080212
On transfer of extra-chromosomal resistance 079134
sperm & fungal spore chromosome fibres. [076926
nondisjunction of chromosomes of first & se- 080425
of Nicotiana glutinosa chromosomes in F hy- 077084
case of centric-fusion in goat chromosomes. 076062
concerning chromosome identification--with 074627
of intrachromosomal & interchromosomal di- 077103
IOPB chromosome number reports. XL. [S- 076806
Concentration of chromosomes with lethal 080268
Miscellaneous chromosome counts of western 076932
of mitotic cycle. [Chromosome mutations]. 077206
Ratio of gene & chromosome mutations in e- 077208
Chromosomal mutations & aneuploidy in re- 077235
caffeine on X chromosome nondisjunction & 080426
IOPB chromosome number reports. XL. [S- 076806
Chromosome numbers for Italian flora: 129- 076690
Some chromosome numbers of Gramineae fr- 077010
on cells, tissues & chromosomes of plants. [077447
I. Robertsonian chromosomal polymorphism 080189
Chromosomal polymorphism in Drosophila 080262
Chromosomal polymorphism & interrelation- 080509
alkali-urea treated polytene chromosomes of 080278
salivary chromosome preparations. [Drosop- 080254
On transfer of extra-chromosomal resistance 079134
Isopoda). I. Robertsonian chromosomal pol- 080189
in mating behavior of rye chromosomes. 077057
for improving salivary chromosome preparat- 080254
euchromatic chromosomal segments in Haw- 080212
of lethal & semilethal chromosomes in a na- 080363
Chromosome size & DNA content in three 076961
insect sperm & fungal spore chromosome fib- 076926
Chromosome studies in liver fluke, Fasciola 075679
Chromosome studies on mosses from Austria 077142
Arm ratio of chromosome 5B from Triticum 076934

CHRONOLOGY
Chronological variations of intensity of long- 077916

CHRYSANTHEMUMS
"ekatin" for disbudding of Chrysanthemums 078039
on shoot & root growth of chrysanthemum 078083
concerning yield of chrysanthemums grown 078779
substances on chrysanthemum indicum Linn 078082
Secrets of growing potted chrysanthemums. 078713

CHRYSOMELIDAE
Coleoptera Chrysomelidae Chrysomelinae) 080440
Flea beetles. [Chrysomelidae, horticultura c- 079818

CHRYSOPA
SEE CHRYSOPIDAE

CHRYSOPIDAE
On study of Chrysopidae of Greater Caucas- 080481
perla (l.) (Neuroptera, Chrysopidae) in sout- 080181

CICADAS
Cicada populations on palms in tropical rain 080390

CICADELLIDAE
new species & a subspecies of Cicadellidae: 080567

CICADIDAE
in tropical rain forest. [Cicadidae, Costa Ri- 080390

CICHORIUM
wall bound protein in Cichorium intybus root 077495

CIGARETTES
of particulate phase of cigarette smoke. 077929

CIGARS
microscopy of cured & fermented cigar toba- 074227
quality & tensile strength of cigar wrapper 077928

CILIA
On presence of a ciliated columnar epithelial 074649

CINNAMIC
Is cinnamic acid 4-hydroxylase of potato a l- 078021

CIRCADIAN
metabolic aspects of circadian rhythms. 073746
Circadian rhythms of chicken brain tempera- 074663

CIRCULATION
Blood circulation in ovarian follicle of ovari- 074506
Response of circulating cortisol levels in sh- 074551
of introduction of endless circulation. [Flax 074195
Circulating oestrogens & progesterone in bo- 075270
weight & maternal placental circulation in r- 075264
Circulation of pollutants in biosphere. 081787
Effects of Rompun on circulation & rumenal 074552

CIRRHOSIS
Nodular cirrhosis in a dog. 076160

CIRSIUM
SEE COMPOSITAE

CISSUS
correlations of Cissus antarctica Vent. 077291

CITELLUS
SEE SCIURIDAE

CITRATES
Effect of clomiphene citrate in chickens. 2. 074756
Citrate concentration in fetal plasma & fetal 074785
Urea & diammonium citrate for laying hens. 075048

CITRIC
Citric acid & calcium in blood of Sicily's go- 074505

CITRON
by conjugation method. [Citron melons, bac- 079134

CITRULLINE
Amanita phalloides, Citrullus colocynthis, p- 079468
yield of squash melon (Citrullus vulgaris var 078095

CITRUS
Studies on copper deficiency of citrus. I. di- 079252
of Homoptera restricted to citrus: Estimati- 079812
on scale insects & Aleyrodidae on citrus. [G- 079813
woglumi Ashby in pupal state on citrus. 079822
digitatum & Penicillium italicum) of citrus. 078972
Leaf infection with citrus black spot & peri- 079083
Evaluation of citrus bud mite, Aceria sheldo- 079828
A new test for citrus cachexia. [Virus]. 079156
of principal species of citrus cultivated in C- 079812
Citrus cultivation in Georgia (USSR). 078684
effort aimed at mysterious citrus disease. 079390
warehousing & selling Florida citrus produc- 073205
About fresh citrus fruit products. 074268
ethylene-induced senescence of citrus fruit p- 078124
limonoid metabolism in citrus fruits: a proce- 074282
Confirmation of citrus greening disease in 079138
Classification of citrus growing districts by 078825
Studies on citrus infesting aphides. II. Relat- 079849
in lemon fruit explants (Citrus limon L.) in- 078028
Studies on citrus melanose. VII. Mechanis- 079076
research effort aimed at mysterious citrus di- 079390
Preplant fumigation for citrus nematode con- 079319
Citrus nematode & its control. [Tylenchulus 079364
Citrus pests. [Insects]. 079817
warehousing & selling Florida citrus produc-s, 073205
Plictran miticide in relation to citrus red mi- 079632
green moulds in oranges (Citrus sinensis Os- 079018
Citrus stem-pitting virus diseases at Bunso, 079169
as a guide to fertilization of citrus tree. 081504
Aphis spiraecola Patch between citrus trees 079849
Infestation & control of citrus weevil, Amys- 079851
Citrus whitefly, Dialeurodes citri (Ashmead) 079810
halepense (L.) Pers., on young citrus. 078054

CIVIL
solid waste disposal & civil engineering. 073822

CIVILIZATION
be skilled laborers of tomorrow's civilization? 072687

CLADOPHORA
Algae, Chara & Cladophora: problems they 079433

CLADOSPORIUM
SEE DEMATIACEAE

CLAMPS
in Scytinostroma without clamp connections 076720

CLASSIFICATION
circumscription & classification of Aizoaceae 076951
A review of classification of Cerylonidae (C- 080618
Classification of citrus growing districts by 078825
German commercial classification of fruits & 074274
Microbiological classification criteria for R- 081237
breeding by classification of environmental 077064
Erosion classification of pastures in Bulgaria 081592
With notes on classification of European La- 080639
Classification of forest growth areas & silvi- 076826
strategies for hierarchical classification. 076796
Automatic counting & classification of insec-s. 079671
of development & classification of Japanese 080808
Land classification, a basis for development 072729
Soil associations & land classification for irr- 081149
architecture (with landscape classification). 076827
Microbiological classification criteria for R- 081237
use & forest type classification proposed for 076265
A history of Rhododendron classification. 076658
indices in relation to soil classification work 081245
Interest in drainage, soil classification, & re- 081798
Description & classification of soils of Thail- 081240
On problem of classifying soils of lowland 081243
new directions in classification system of our 074436
Problem of classification & terminology of e- 081562
Land use & forest type classification propos- 076265
Classification of viruses pathogenic to anima- 075846
soil in Japan 2. Classification of volcanic ash 081117
in relation to soil classification work. 081245

CLAVICEPS
SEE HYPOCREACEAE

CLAY
content of soils & plants of clay areas of Tu- 081002
A palynological study for Little Clay Belt, 076721
Indian soils as a function of clay content. 081138
on discharge behaviour in cultivated clay m- 081271
Mineralogic characteristics of clay fraction 081135
Heavy clayey soils in Hokkaido. 081167
Pseudogleyic podzolic clay-illuvial soils (Pl- 081236
methods of planting soybean in clay loam so- 078438
Clay minerals of paddy soils in Tohoku Dist- 081118
Clay minerals of paddy soils in Tohoku Dist- 081122
Composition & origin of clay minerals in Kr- 081168

CLAYPAN
nitrogen distribution in a claypan soil. 081067

CLEANING
Meat & poultry: clean for you. 073688
Cleansing of Annecy Lake waters. 081837
Clean cultivation & establishment of Pinus 076354
Some aspects of cleaning of effluents from a 081781
Measurement & control in grain cleaning p- 074349
Mechanization of forest nursery cleaning as 076248
An isolation & cleanup procedure for low le- 073584
on influence of various cleaning processes on 075694
environmental issue. [Project Clean West] 073556
Aseptic bottling in a clean room. [Milk]. 073967
Hygiene in wheat cleaning. 074217

CLEARCUTTING
Clearcutting silvicultural system. 076342

CLEARINGS
Use of a new clearing technique for study of 076893

CLEAVAGE
on polarbody formation & first cleavage of 075273
gracilis as revealed by freeze-cleaving & deep 076975
Selective cleavage of single tryptophanyl pe- 074623

CLEFT
Cleft-grafting. [Apples, pears]. 078856

CLEMATIS
Lilium martagon & Clematis alpina in Alps 076736

CLERODENDRON
from leaves of Clerodendrum indicum & cle- 077521

CLIMATE
Climatic adaptation of populations of cocksf- 076846
Mastery of climate in agriculture. 072640
potassium in different agro-climatic zones of 078365
primeval forest of Pannonian climate area in 080605
salad greens; some climatological aspects. 078837
Agroclimatic atlas of world. 081805
Barn climate in industrial swine production 074407
Climatic changes & their possible effects on 076208
rearing. I. Optimal climatic condition. 080698
difficult corn season, agroclimatic conditions 078469
rabbithusbandry. II. Climate control in rabb- 080699
Investigation of some local climate elements 076207
grain as related to soil & climatic factors in 077655
Comprehension of effect of climatic factors 078296
Climate & fruit growing. 078184
On necessity of recording climatic indices in 081245
Investigation of some local climate elements 076207
intesive rabbit rearing. I. Optimal climatic 080698
in primeval forest of Pannonian climate area 080605
On necessity of recording climatic indices in 081245
of soil & its influence regarding climate. 081061
Climate regulation in hen house: an econom- 074397
After difficult corn season, agroclimatic con- 078469
on variety & growth in soil climatic zone. 074231
to bases of calculating stall climate. 080718
Influence of climate & topography on oxida- 076229
on variety & growth in soil climatic zone. 074231
potassium in different agro-climatic zones of 078365

CLOMIPHENE
Effect of **clomiphene citrate** in chickens. 2. 074756

CLONE
growth of seedlings & **clones** of **Agropyron** r- 077613
Alfalfa clones... Indicators of air pollution. 079224
of a switch of cell types in **clonal cell** culture 074694
Technology of **establishing clone** seed orcha- 076376
hairs of Tradescantia ohiensis **KU 7 clone.** 077130
growth & their **clonal multiplication** by stoo- 078605
Evolution of **clonal populations** of Cerasus v- 077215
spruce plants from fume-**resistant clones** in 076226
Clonal selection of fruit plants. 078823
of Pinus strobus L. **clones** to **sulfur** dioxide 076219

CLOSTRIDIA
for identification of **Clostridium botulinum.** 075802
in piglets. [**Clostridium, Escherichia** coli]. 075667
of bovine tetanus. [**Clostridium tetani**]. 075899

CLOSURE
Rotational **canal closure** & multiple cropping 078363
Closure of **distal** radial epiphysis & its relat- 076008

CLOTHING
Protective clothing for hazardous pesticides 080114

CLOUDS
Numerical simulation of **cloud seeding** exper- 081662

CLOVER
Breeding of **clover & alfalfa** in Czechoslovak 077117
Production of **clover & alfalfa** seeds in Czec- 078386
red clover & prospects of red **clover culture** 077116
population density. [Iadino **clover, Dactylis**] 079723
to phosphorus placement. [**Egyptian clover**] 081379
composition of subterranean **clover-grass** pa- 074857
Grass-clover pastures & livestock production 078457
on yield & quality of red **clover hay.** 081309
change of population density. [**Iadino clover** 079723
of spontaneous domination of **ladino clover** 078736
Grass-clover pastures & livestock production 078457
red clover & prospects of **red clover** culture 077116
breeding & seed culture of **red clover** in Ge- 077118
Properties of tetraploid **red clover** in relati- 077217
Increase of **red clover** seeds in Perm area. 078384
Agrotechnique for **red clover** seed production 078385
in increasing resistance of **red clover** to dise- 079327
Control of insects on alfalfa & **red clover.** 079732
on yield & quality of **red clover** hay. 081309
pratense var. spontaneum willk. [**Red clover** 076935
Agrotechnique for red **clover seed** production 078385
Relationship between **clover seed** yields & s- 078511
Production of alfalfa & **clover seeds** in Pola- 078383
Increase of red **clover seeds** in Perm area. 078384
Botanical composition of **subterranean clover-** 074857
breeding methods in red **clover /Trifolium** p- 077152
related to two-stage harvesting **white clover** 078453
Control of **white clover** (Trifolium repens) in 079582

CLUBIONIDAE
tranquillus (Hentz) (Araneae: **Clubionidae**) 080009

CLUBROOT
for control of **clubroot** of **brassicae.** [Plasm- 078905
Possibilities of effcient **clubroot control.** [Pl- 078976

COAGULANTS
Milk coagulants: chantes. 073932
of drat, an **anticoagulant rodenticide.** 080120

COAGULATION
Acid coagulation as a means of treatment of 081824
of disseminated intra-**vascular coagulation** (076054

COAL
After **coal**--what? [Reclamation, open pit m- 081570
correlation in Zonguldak **coal basin.** 076694

COATING
Effect of a wax **coating applied** to oranges 074300
capacity of untreated & **coated seeds.** 077376
applicability of wet methods of **coating seeds.** 078401
Effect of **various coatings** on shell strength 074078
Effects of **coatings** on **wright** loss & ethonol 074281

COATS
leaflet number & flower & seed **coat colour** 077157
Visualization of **extracapsid coat** in certain 075789
Gases released from **seed coats** during imbib- 077843
French bean **seed coat** as an ovipositional at- 080252

COBALT
East Coast Fever of cattle: 60Co [**cobalt**] ir- 075732
of cereal pest (Eurygaster sp.) by **cobalt** 60. 079757
East Coast Fever of cattle: 60Co [**cobalt**] ir- 080010
Studying complexing of **cobalt** with **humic** & 081175
to investigation of **cobalt** 60 **irradiation** effe- 079919
Effect of molybdenum & **cobalt** on **nitrogen** 077722
local effects of 60 **cobalt** gamma **radiation** on 074547
local effects of 60 **cobalt** gamma **radiation** on 074548
of agar-tissue preparation & **cobalt sulfate** on 075960

COBS
SEE CORNCOBS

COCCIDAE
in Czechoslovakia (**Homoptera, Coccidae**). 079844

COCCIDIA
by Escherichia coli & **intestinal coccidia.** 075658

COCCIDIOSIS
Feline toxoplasmosis & **coccidiosis:** a survey 075628
Suppression & control of **bovine coccidiosis** 075900
in poultry against **cecal coccidiosis** & Marek 075625
in turkey poults. [**Coccidiosis, control**]. 075725
blood in cases of **experimental coccidiosis** (075599
Coccidiosis & its **pathogenicity** in Japanese 075735
Coccidiosis should be **prevented.** [Eimeria, s- 075690

COCCIDIOSTAT
Studies on incorporation of **coccidiostat** "Cy- 075081

COCCOIDEA
pallida (Green) (**Homoptera, Coccoidea**). II. 079863

COCHLIOMYIA
Anthonomous **grandis, Cochliomyia** hominiv- 079646

COCKCHAFERS
in muscles of **cockchafer, Melolontha** melol- 080204

COCKERELS
hypothalamus in White **Leghorn cockerels** 074751
homogenate of White **Leghorn cockerels** in 074769
Cockerel market: to produce less--profit mo- 073331
White Leghorn] **cockerels** during **starvation** 074767

COCKROACHES
in drinking medium of **american cockroach** 080223
regenerated legs of **cockroach Blatella** germ- 080414
in hindgut of **cockroach, Leucophaea** maderi- 080311
ions & resting potential of **cockroach muscle** 080222
organs on cerci of **polyphagid cockroaches** 080294
an encyrtid parasite of **cockroach Supella** l- 080403

COCKSFOOT
SEE ORCHARDGRASS

COCOA
Review of production & consumption. [**Cocoa**] 073186
International **cocoa agreement.** [Trade]. 073187
Problems of International **Cocoa Agreement** 073275
Studies on grinding of **cocoa bean** kernels. 073905
Breeding cocoa for different ecological needs 077049
of fat & fat mixtures. [**Cocoa butter**]. 073904
gland & defence mechanism in **cocoa-capsids** 080410
Engineering aspects of **cocoa drying** in Braz- 073907
Nursery diseases of **cocoa** in **Ghana.** 1, prea- 078979
Refining **cocoa mass** on high speed agitation 073906
Phytophthora **palmivora, cocoa**]. 078954

COCONUTS
in sandy & sandy loam soils. [**Coconut**]. 081611
of lethal yellowing disease of **coconut palm** 079244
Florida's **coconut palms** threatened by lethal 079197
on chemical control of **coconut wilt** disease 079014

CODEINE
determination of **codeine phosphate** in pine 078215

CODING
of I.C.B.N. [**International Code** of Botanical 076804

CODLING
of chemical control **against codling** moth (L- 079797
mating, of gamma irradiated **male codling** 080215
on microbiological control of **codling moth** 079861
oviposition stimulant for **codling moth,** Lasp- 080322
of structure of a proposed **codling moth** sex 080436
suppression of populations of **codling moths** 079804

COFFEE
speed of instatt beverage powder. [**Coffee**]. 073885
operation of a humid production. [**Coffee**]. 073902
Growth periodicity of **coffee.** 077590
a wilt of Coffea arabica in Kenya. [**Coffee**]. 078962
Sprinkler irrigation for **coffee.** II. Studies on 081656
Coffee & consumer: Norms, regulations & c- 073668
of dadaps on shevaroys. [**Erythrina, coffee,** 078879
of solution speed of instant **malt coffee** by an 073887
potassium determination in **coffee plant** & 077394

COLA
What is a **kola drink?** 073836

COLCHICINE
Colchicine contents in Colchicum lusitanum 077426
aspects of **colchicine** action on **meiotic** cells. 078085

COLCHICUM
Colchicine contents in **Colchicum lusitanum** 077426

COLD
of germination of seeds by **cold.** 077292
Pirus malus L.) in absence of oxygen & **cold** 078143
Two story **cold air** drying house for grain. 080747
Exposure of cattle to **controlled subzero** te- 074537
Cold damage on Gladiolus bulbs. 079387
Effects of **cold & glucagon** on lipolysis,glyco- 074592
for improovement of a big **sized cold** storage 074302
Results of **cold storage** of meat & sausages. 073995
Recommended project of a **cold storage** for 080729
interaction in mitochondria from **cold-stored** 079367

COLEOPHORA
Idaho, & Washington. [**Coleophora laricella,** 079887
Identification of **Coleophora prunifoliae** Doc- 080518

COLEOPHORIDAE
Doets (**Lepidoptera, Coleophoridae**). 080518

COLEOPTERA
Dendroctonus ponderosae (**Coleoptera:** Scol- 079890
in Gnathotrichus sulcatus (**Coleoptera:** Scol- 080217
ecology & evolution (Insecta: **Coleoptera**). 080233
Rearing Costelytra zealandica (**Coleoptera:** 080366
Scolytidae & Platypodidae (**Coleoptera.** II. 080419
European species of Haliplidae (**Coleoptera**) 080464
New species of Scarabaeidae (**Coleoptera**) f- 080465
Beetles (**Coleoptera**) of Babia Gora Mounta- 080468
On some Catopidae (**Coleoptera**) of Neotrop- 080469
Materials to Colonidae (**Coleoptera**) fauna of 080475
Alophinae, Rhynchaeninae (**Coleoptera**). 080487
on genus Bohemiellina Mach. (**Coleoptera:** 080505
seven species of ground beetles (**Coleoptera:** 080506
Species of genus Gyrophaena (**Coleoptera:** S- 080522
Capture of Carabidae (**Coleoptera**) species at 080538
higher Vogelsberg Nature Park (**Coleoptera**) 080539
concering family Byrrhidae (**Coleoptera**). 080607
research of European Helodidae (**Coleoptera**) 080609
Younga. 5. Bostrychidae (**Coleoptera**). 080612
Notes on Cerambycidae (**Coleoptera**). VIII 080626
Notes on Anobiides (**Coleoptera**). LVI-LVII 080643
Notes on Anobiidae (**Coleoptera**). LXI-LXI- 080644
of North & Central America (**Coleoptera:** B- 080648
Taimyr Peninsula (**Coleoptera, Apionidae**). 080656
obtectus Say (**Coleoptera, Bruchidae**). [Bea- 079760
Lampra Lac., (**Coleoptera, Buprestidae**). 080581
species of Mongolia (**Coleoptera, Carabidae**) 080613
of group (**Coleoptera, Catopidae**). [Proptom- 080474
semenovi] LeC. (**Coleoptera, Cephaloidae**) f- 080655
Callichromatini (**Coleoptera, Cerambycidae**) 080623
Timarcha Latr. (**Coleoptera Chrysomelidae** 080440
of Cerylonidae (**Coleoptera, Clavicornia**). 080618
with some other **coprophagous Coleoptera.** 080501
species of Lixini (**Coleoptera, Curculionidae**) 080470
from South America (**Coleoptera, Elmidae**) 080632
Changes in **Coleoptera fauna** on surface of c- 079549
Relics of **Coleoptera fauna** in primeval forest 080605
Helophorus (**Coleoptera, Hydrophilidae**) fr- 080619
serripennis Broun (**Coleoptera Lathridiidae**) 080536
dermestoides L. (**Coleoptera, Lymexylonidae**) 079898
New & little known **Neotropical Coleoptera** 080625
New & little known **Neotropical Coleoptera** 080627
Rare Coleoptera species (Trox cadaverinus I- 080616
semipunctatus F. (**Coleoptera, Scarabaeidae**) 080501
piniperda L. (**Coleoptera Scolytidae**) on tru- 079912
Rare **Coleoptera species** (Trox cadaverinus I- 080616
new in Hungary (**Coleoptera, Staphylinidae**) 080602
in Korea. 8. **Coleoptera, Staphylinidae,** Sten- 080611
two new species (**Coleoptera, Tenebrionidae**) 080485

COLEOPTILES
induced elongation in **Avena coleoptiles** by 077862
contents in freeze-etched **coleoptile cells** of 076906
mitochondrial structures in **coleoptiles** of **ri-e** 077768

COLIBACILLOSIS
vaccine against **calf colibacillosis.** 075920

COLINUS
SEE PHASIANIDAE

COLLAGEN
crosslinked peptide from calf **bone collagen:** 074559

COLLAGENASE
Collagenase activity in tissues of selenium r- 074795

COLLECTIONS
of hardy fruit trees in **collections** of **Aula** D- 078178
of Thysanoptera in **collection** of **California** 080502
caliper a new technique of **data collection** in 076279
with electronic feeding & **collection** of **hard** 074844
Potato varieties in **collection** of **Institute** for 078782
Transcaucasian & **Iranian collections** of J. N 076659
by three different **collection methods.** [Amb- 080346
Oldest collection of Carex heleonastes in Q- 076722
e Ibiza's **collections** of **Polyporaceae.** 076805
Use of E 280 in **straw collection:** Experience 080857
Collection of two-**wing** insects (Insecta, Dip- 080219
of varieties of tobacco **world collection** in cr- 077088

COLLECTIVES
inter-collective farm & state-and-collective f- 072949
Specialist & economist of collective farm. 072835
interrelationships of inter-collective farm & 072949
of socialist society. [Collective farming, hist- 072649
for specialized sector. [Collective farming]. 072815
cost accounting system. [Collective farming] 072818
role of specialist. [Collective farming]. 072820
but different results. [Collective farming]. 072822
time. [Farm management, collective farming 072830
Agricultural production, collective farming] 072832
agricultural production. [Collective farming] 072836
of full cost accounting. [Collective farming] 072953
in obtaining net income. [Collective farming 073017
cost accounting system. [Collective farming, 073031
activities of state farms & collective farms. 072813
system activity of collective farms & state f- 072841
animal industry workers on collective farms 072975
conditions of conversion on collective farms 073011
of productivity & wates on collective farms. 073097
of basic capital of collective farms. 073115
of equalizing costs of collective farms & state 073118
delivery of fertilizers to collective farms & s- 073119
production conditions of collective farms & 081412
on interrelationships of inter-collective farm 072949
working time. [Farm management, collective 072830
Agricultural production, collective farming] 072832
economic accounting in collective & state fa- 076693

COLLEMBOLA
of spring tail, Folsomia candida (Collembola 080331
of Moravia & Slovakia (Insecta: Collembola 080637
Dynamic of certain Collembola groups in C- 080435
Collembola & other microarthropods in high 080230
Ecological study of muscicolous Collembola 080437

COLLETOTRICHUM
A new species of Colletotrichum corda from 076708
of tobacco. [Colletotrichum destructivum]. 079052
Nicotiana. [Colletotrichum destructivum]. 079090
caused by Colletotrichum graminicolum. 078998
anthracnose. [Colletotrichum lagenarium]. 078908
fungi. [Colletotrichum lagenarium]. 078909

COLLOIDS
Spectral properties & colloidal behaviour of 081090

COLOCASIA
in arvi corms (Colocasia esculenta L.) [Das- 078029

COLOCYNTHIS
Amanita phalloides, Citrullus colocynthis, p- 079468

COLON
of histologic sections of colon with victoria 075995

COLONIES
Mycoplasma in a cat colony. 075893
systems analysis of a standard colony. [Apis 080660

COLONIZATION
Light-dependent colonization of pillars by s- 076837
Studies on microbial colonization of sapwood 078915
Colonization pattern of fresh ashy dump by 077396

COLOR
Color aerial photos for marshland. [Nevada, 076744
eyes of desert ants, Cataglyphis bicolor (Fo- 080352
Chemical colouring of lemon fruit. 074264
leaflet number & flower & seed coat colour 077157
in physical characteristics & color of cured 079089
weight loss & disappearance of green color 074300
variability in synthesis of colouring matter, 077096
Coloring matter of flowers. II. Flavonic het- 078163
Effect of coloured nests on frequency of floor 074734
Color polymorphism in some North Americ- 080172
Color removal & sludge recovery from total 081853
Evaluation of odor & color signals as aids to 080673
moisture grain sorghum (Sorghum bicolor L. 074083

COLORIMETRIC
study of nonaqueous copper colorimetric & s- 079627
Colorimetric determination of quanitity of p- 073702

COLOSTRUM
grows in "sour" or "pickled" colostrum. [Fe- 074941
A suggested role for colostral antibody in e- 075660
Absorption of colostral globulins by newborn 074803

COLZA
Colza oil. 074154

COMBINES
BM Volvo S 830, 9', automatic combine. 080989
Loss measurements of combine harvester. 080851
Possible utilization of combine harvesters d- 080850
Epple Mobil 940, 9' lautomatic combine. 080990
as seen from meat-processing combine view 074463
of improved vegetable seed combine. 080959

COMETABOLISM
SEE METABOLISM

COMMERCE
products; cooperatives & commercialization 073163
Position of Dutch dairy industry. [Commerce] 073287
spray calender for commercial apple & peach 079335
Cytodinin activity of commercial aqueous se- 077547
Cryptococci of commercial bird feeds. II. C- 074356
formation in commercialization of breeding l- 072793
Commercial campground industry in New 081864
Studies on some commercial characters of i- 078600
properties of commercial cheese starters. 073972
German commercial classification of fruits & 074274
stolonifer under commercial conditions. 078997
also potential commercial cultivars of mango 078595
Spain--a thriving commercial customer. 073362
flavor components of commercial essence. 074284
Testing commercial feed Bjarsjolagard with 074924
Inspection of commercial feedingstuffs, 1971 073897
application of commercial fertilizer & plant- 080994
seeding, application of commercial fertilizer 080995
commercial fertilizers, 1972; agricultural & 073897
Storage hall for loose commercial fertilizers 080708
commercial fertilizers, 1972; agricultural & 081440
Storage & handling of commercial fertilizers 081498
Commercial fertilizers & water quality. 081507
Pest control for commercial foliage nurseries 079271
German commercial classification of fruits & 074274
prospects of market for commercial hog feed 073246
Fruit & horticultural commercial organizati- 073167
molasses in international commerce. 073265
Storage hall for loose commercial fertilizers 080708
Commercial nitrogen fertilizer & environme- 081314
recommendations for commercial orchards. 079528
horticultural commercial organization. 073167
of existing & also potential commercial cult- 078595
A group for commercial promotion abroad of 073231
fiber properties of commercial pulps. 076523
Biological & commercial qualities of introdu- 078481
spray calendar for commercial small fruit g- 079336
recommendations for commercial small fruit 079530
of insect & mite pests of commercial small f- 079859
Testing commercial feed Bjarsjolagard with 074924
Spain--a thriving commercial customer. 073362
of establishing breed & commercial types & 075419
recommendations for commercial vegetable 079529
Some thoughts on world commerce of agricu- 073168

COMMODITIES
Agricultural Policy] varies by commodity. 073222
Wild rice historic commodity under study. 078426
Committee on Commodity Problems, Interg- 073197
Committee on Commodity Problems, Interg- 073198
Committee on Commodity Problems, report 074108

COMMUNES
fibres. [Schizophyllum commune, drosophila 076926
Chlamydospores of Schizophyllum commune 076903
on mutagenesis in Schizophyllum commune. 077448
fibres. [Schizophyllum commune, drosophila 080245
Results of all-year communal sewage dispos- 081349

COMMUNICATION
in a 19 year old dog. (brief communication) 076020
Radio communication network service in Al- 072817
Sheldon. A preliminary communication. 075790
of radiation of spermatogonia communication. 075354

COMMUNISM
of Chinese communist agriculture & size of i- 072965
A look at Communist Germany. [Farming]. 072789

COMMUNITIES
effects on littoral algal communities in inner 079296
Community architecture & productivity of 077942
of European Communities Conmmission. 073192
European Economic Community countries. 072768
European Economic Community countries. 073513
in growth rate of duckweed community (Le- 077404
in European Economic Community countries 072768
with European Economic Community. 073238
of European Economic Community? 073260
for welfare of Economic Community. [Dairy 073277
expensive? [European Economic Community 073284
world trade, European Economic Community, 073310
of European Economic Community on milk 073316
concerning European Economic Community 073403
victorius? [European Economic Community] 073425
Turkey, & European Economic Community 073513
policies of European Economic Community. 073526
of enlarged European Economic Community 073533
of European Economic Community for offici- 073675
pattern? [European Economic Community]. 075708
from European Economic Community. V. [P- 079422
of beans in European Economic Community 080811
on new concepts of European Communities 073192
EC [European Community] council fixes 19 073220
Outlook for EC [European Community]-app- 073222
Prospects for rural community function & o- 072681
composition of community of fungi causing b- 076560
Effect of fungi communities in forest & saw- 079102
mesoxerophytic grassland communities on n- 076819
in xerothermic grassland communities & dry 076820
Benthic macroinvertebrate community struc- 081877
Nematode community structure in forest wo- 079320
its control over rural community ownership 072753
Plant communities as indicators of conditio- 076829
late season oldfield plant communities. 076854
Seasonal dynamics of plant communities. 076866
yearly variations) of plant communities. 076867
methods in study of plant community struct- 076868
pollution in altering plant communities. 076876
Plant communities as indicators of conditio- 081068
Community property & farm ownership. 072759
Prospects for rural community function & o- 072681
Rural communities & regions. [U.S.]. 072717
of land & its control over rural community 072753
of new industry on rural communities with 073552
of a Calluna-Sphagnum community. II. Light 077431
of a Calluna-Sphagnum community. III. Dis- 077432
in study of plant community structure. 076868
Nematode community structure in forest wo- 079320
macroinvertebrate community structure in a 081877
European Economic Community sugar regul- 073403
A community watershed management progr- 081723
Patterns of life in woodland communities. I 080397
boundaries of xerothermic communities in c- 076869

COMPACTION
Moisturizing role of compacting snow with 081714
Effect of soil compaction on growth of & yie- 078458
composition of humus in compact soils of A- 081020

COMPENSATION
of broiler chicken to compensate for early g- 074722
Compensation with expropriation. 073442

COMPLEXOMETRY
of study of complexometric determination of 074526
oil in corn germ by indirect complexometry 074130

COMPOSITAE
combinations in Centaureinae (Asteraceae) 076759
formation in some annuals of Compositae. 076952
on growth of Petunia, Tagetes, Ageratum, & 078034
in three species of Asteraceae-Anthemideae 076961
industry within Parma-Reggio Emilia area. 073520
of Canada thistle ecotypes. [Cirsium arvense 079596
damage in cells of dormant Crepis capillaris 077205
translocations in Crepis capillaris during X- 077206
ethylmethane sulfonate on Crepis capillaris 077207
mitotic cycles in Crepis capillaris. 077212
with partial anaerobiosis. [Crepis capillaris] 077219
normal germination of Crepis capillaris seeds 077225
in dormant seeds of Crepis capillaris. 077227
lactone from Liatris chapmanii. 077440
investigation of Erigeron crispus. 077556
section Laphamia (Compositae-Helenieae-P- 076987
of common dandelion. [Taraxacum officinale 077614
Control of dandelion (Taraxacum officinale) 079581
Dimorphotheca sinuata lipoxygenase: format- 078081
A new record for Sonchus uliginosus Bieb. f- 076633
Grindelia Willd., a valuable essential-oil pla- 077582

COMPOSITE
Results of trial of a new composite film for 073953

COMPOST
using sewage sludge-garbage composts as fer- 081315
populations to composted municipal refuse. 079305

COMPOUNDS
of capsaicin & allied compound in chilli. [R- 078045
butyl phthalate & its analogous compounds 077932
inhibitory volatile aromatic compounds pro- 078119
Synthesis of bioactive compounds: juvenile 080298
Comparison of carbonyl compounds in roast- 077760
accumulation of very long chain compounds 077999
A new corrinoid compound from soybean no- 077727
of carbon-14 marked compounds excreted by 077486
Anatomy of compound eye of Periplaneta a- 080303
properties of two fentin compounds in contr- 079657
in making up compound fertilizers according 081514
Determination of beer flavor compounds by 073891
Effect of fluorine compounds on dry matter 077952
as a source of new insecticidal compounds. 077369
amount of carbon-14 marked compounds ex- 077486
of peat on mobility of mineral compounds of 081008
of phenolic lignin model compounds with ox- 076538
a in vivo by nitroaromatic compounds. [Spi- 077997
Biochemical studies on nitrogen compounds 077606
of phosphorus & nitrogen compounds in buds 077831
Effect of N-nitroso compounds on transform- 077300
of reduced exogenous organic compounds in 077433
of reduced exogenous organic compounds in 077434
of time of fertilizing by organic compounds 079373
purification of some organic compounds from 081171
Phenolic compounds of subfamily Pomoideae 076748
urticae Koch to phenolic compounds of stra- 079876
in flax tissue culture: Phenoloic compounds. 077710
Energy phosphoric compounds in plants. II. 077416
their forms of phosphorite compounds. 081249

acid-soluble **phosphorus compounds** in plants 077295
of amount of **phosphorus compounds** in roots 077609
of residual **phosphorus compounds** in black 081092
Organic **phosphorus compounds** of a northe- 081433
On **polyphenolic compounds** of certain speci- 077579
volatile aromatic **compounds produced** by S- 078119
of amino acids & **related compounds** on thin 073874
as well as mixtures of **compounds** with **urea** 074546

COMPRESSION

Compression debarked chips from a whole-t- 076552
tablets with seeds by **direct compression** me- 078402
Compression wood studies in provenances of 076438

COMPRESSORS

Fat pressing & **compressors** in **DLG** [Germ- 080929

COMPUTERS

of cattle breeds with use of **computer.** 075408
Computer analysis of imagery. 072763
assay results, using an **APL/360 computer** p- 073715
Computer application for irrigation. 081679
Scoring of taste test data on **computer cards** 073737
by means of electronic **data computer.** 075463
Digital computer for determining odulus of 076570
application of **computers** in **forestry** of socia- 076276
Computer programs for pollen analyst. 076752
Institute of **Computer Technics** at College of 076271
progress in use of **computer technique.** [For- 076275

CONCENTRATES

Ceylon black tea **aroma concentrates** prepar- 073877
in packaged, standard **feed concentrates.** 074353
Feed concentrate as sole feeding in feeding 074936
ration mixed feeds, mixed **feed concentrates,** 075149
of feeding installation for **feed concentrates** 080836
of production of fluid **fertilizer concentrates** 081355
On substituting grass **meal concentrates** in 075160
a view to protein **concentrate production.** 077444
trimethylamine in fish **protein concentrate.** 073635
utilization of fish **protein concentrate** & cas 074533
trimethylamine in fish **protein concentrate.** 080095
Physiological estimate of **urea concentrates** 074706
for preparation of **vanilla concentrates** by m- 074278

CONCENTRATION

soil-pH [hydrogen-10n **concentration**]. 081131
plasma free fatty **acid concentration** in dogs 074516
glucose, & free fatty **acid concentrations** in 074537
Concentrations of **acid**-soluble, exchange & 081019
rotation with higher **cereal concentration** by 078301
Concentration of **chromosomes** with lethal 080268
Citrate concentration in fetal plasma & fetal 074785
as well as **concentration** of **culture** measures 078297
Hydrogen-ion **concentration dynamics** of loe- 081470
Effective concentration of IBA [indolebutyr- 078793
comparative test with **equal concentrations** 075870
Effect of yeast **extract concentration** in med- 077813
Effects of **high concentrations** of sodium in 080223
Estimation of **hormone concentration** by thr- 074755
tomatoes at an **increasing concentration** & s- 078709
pH [hydrogen-**ion concentration**]. 073944
Establishment of hydrogen-**ion concentration** 074012
eggs. 1. PH, [hydrogen-**ion concentration**] r- 074066
Effect of pH [hydrogen-**ion concentration**] 074067
Canning & pH [hydrogen-**ion concentration**] 074160
tension, pH, [hydrogen-**ion concentration**] 074538
Initial hydrogen-**ion concentration,** a factor 076998
different pH. [Hydrogen-**ion concentration**] 077838
effects of pH [hydrogen **ion concentration**] 077853
of low pH [hydrogen-**ion-concentration**]-ind- 077862
decrease in pH [hydrogen-**ion concentration** 078131
decrease in pH [hydrogen-**ion-concentration** 078132
pH [hydrogen-**ion concentration**] effects on 079608
Hydrogen-**ion concentration** dynamics of loe- 081470
by fertilizer pH [hydrogen-**ion concentration**] 081489
their role in pH [hydrogen-**ion concentration**] 079205
lead content of plants on **lead concentration** 079343
by progesterone of **concentration** of **lipid** dr- 074645
cyclic **monophosphate concentrations** & pho- 077357
Differentaion of **nitrate concentration** in so- 077902
Analysis of **nitrate concentrations** in Illinois 081800
Concentrations of **oestradiol**-17beta oestrone 075174
Concentration of **phosphorus** in seed of wint- 077904
on oxidant air **pollution concentrations** that 076229
for specialization & **concentration** of **potato** 072805
Specialization & **concentration** of **production**- 072956
Concentration of **progesterone** in systemic p- 074660
Studies on **concentration** of **raw** material ba- 074310
of lindane & DDt **residual concentrations** in 080124
Concentration & **specialization** in Czechoslo- 072867
conditions of **concentration** & **specialization** 072870
aspects of **concentration** & **specialization** in 078882
calcium & **strontium concentrations** in range 074652
blood levels & **concentrations** in **tissues** of p- 074811
of hydrogen-ion **concentration value** in pract- 074012
fertilizers of **various concentrations** on light 081290

CONDENSATION

Model experiments to **condensation** of **ligni-s.** 076474

CONDENSED

in world export of **condensed products.** [Mi- 073286

CONDITIONING

grass after addition of lye & **conditioning.** 074364
Air conditioning systems in mushroom hous- 080768
lesions on a **conditioned alimentary** response 074510
Studies on **conditioning** of **small** logs of pine 076434

CONDUCTIVITY

Optimation of **conduction structure** & water 081658
Organization of **conducting system** of Trapa 076988
method to determine **water conductivity** in l- 081272

CONES

Study of **apical cones** of wheat varieties diff- 077948
A provisional tree seed-zone & **cone-crop** rat- 076407

CONFECTIONERY

Confectionery ingredients; refractive indices 073824
Confectionery ingredients; refractive indices 073827

CONFINEMENT

corn in fattening steers under **confinement.** 074889
crossbred steers fed in **confinement.** 074892
leg problems--a product of **confinement.** 076124
system followed by a **confinement period.** [074896

CONGENITAL

Congenital cardiovascular abnormalities in 076079
Congenital cataract associated with persiste- 076090
Congenital location of heart in neck (situs c- 076046

CONIDIUM

Comparative study of size of **conidia.** 077304
on germination of **conidia** & **chlamydospores** 078902
variation of **conidia** of **Coryneum** cardinale, 076998

CONIFERAE

associated with some **coniferous Bavarian** fo- 080447
Regeneration of **coniferous forests.** 076387
properties of **important coniferous** woods in 076520
stump diameter for four **Montana coniferous** 076287
Parasitic nematodes of **coniferous seedlings.** 079234
Future supply of **coniferous timber** for Lake 076556
infestation by nematodes of **coniferous tree** 079232

CONIFERS

substances in growing shoots of **conifers.** [A- 076220
resistance & cuticular waxes in **conifers.** 078241
substances in growing shoots of **conifers.** [A- 078242
populations of insect defoliators on **conifers.** 079905
populations of insect defoliators on **conifers.** 079907
pollution concentrations that **damage conifer** 076229
thermal fogging in a mixed **conifer forest** at 079971
Genetically **improved conifers** for Lake Stat- 076411

CONIFERYL

reduction of ferulic acid to **coniferyl alcohol** 077408

CONJUGATE

of naphthaleneacetic **acid conjugation:** no ef- 078125
carotovora f. citrullis by **conjugation method** 079134

CONSCIOUSNESS

coli endotoxemia in **conscious calves.** 075617
panting & nonpanting resting **conscious dogs** 074534

CONSERVATION

Flowers are not for us to pick. [**Conservation**] 076580
Conservation activities, for Girl Scouts. 081575
Influence of **blood, conserved** before drying 075073
Influence of **blood, conserved** before drying 075074
conservation of an **entomopathogenous** prep- 079625
Studies on deep-**freeze conservation** of boar 075442
Conservation for **future.** [Natural resources] 081767
technology of **conserving & improving** nutrit- 074367
Conservation of **juniper.** I. Present status of 076695
of reforestation & **landscape conservation.** 076344
Conservation in west **Malaysia:** potential for 081776
Attempts of **conservation** of **monumental** oa- 076417
Conservation of **natural** resources in Latin 081834
research for **nature conservation** & landscape 076827
of landscape for **nature conservation.** 078655
structures during **conservation** of **palace** at 076568
development by Soil **Conservation Service.** 081542
A review of **soil conservation** in New Zeala- 081530
Soil conservation & soil erosion control in 081573
Soils & **water conservation** on a New Engla- 081555

CONSUMERS

Coffee & **consumer:** Norms, regulations & c- 073668
Sugar packaging for **consumer.** 074177
retail markup analysis & **consumer behavior** 073188
Consumer behavior trends in 1970's. 073258
Consumers prefer a higher solids milk. 073625
produce we offer? [**Consumer preferences**]. 073174
Consumer reaction to nutrition information 073304
Consumer reaction to nutritional labels on f- 073638

CONSUMPTION

Review of production & **consumption.** [Cocoa 073186
as basis of tomorrow's **consumption.** 073214
are eating more lettuce. [**Consumption**]. 073295
Bread consumption in Brazil. 073770
infusion of **casein** on its **consumption** by yo- 074867
pullets. 2. Restricting **energy consumption.** 075042
feed-, crude proteinand **energy-consumption** 076348
Effect on **food consumption** of imported cab- 079805
Glucose consumption by Ascaris from hosts 075610
in production & **consumption** of **grain** for fe- 073309
predator which has **consumed intoxicated** ca- 080105
better index of **consumption** with **liquid** feed- 080853
Consumption normatives of electirc energy 080738
Water use, **consumption, & outlook** in US in 081598
glycogenolysis & **oxygen consumption** in yo- 074592
of stems in estimating time **consumption per** 076296
Production-consumption relation of beef & l- 073243
storage of potatoes for **consumption & seed** 080715
Golden beef-steaks. [**Consumption, situation** 073313
Resistivity of plough & **specific consumption** 080999
Sugar consumption & a healthy diet. 073780
of stems in estimating **time consumption** per 076296
Influence of evolution of **water consumption** 073071
Research on **water consumption** of individual 077718
Influence of evolution of **water consumption** 081683
of milk for **consumption** during **years** 1968/ 073276

CONTAINERS

medium component for **container culture** of 078831
Nursery spacing **container-grown** trees. 076351
Synthetic media for **container-grown** plants 078728
characteristics of media for **container grown** 081368
of a disposable **insulated container** for air-fr- 074034
Large container--an economical means of tr- 080917

CONTAMINANTS

Chemical contaminants in food. 075520

CONTAMINATION

food packaging materials. [**Contamination**]. 073579
of home slaughtering. [**Contamination**]. 073647
meat in your refrigerator. [**Contamination**]. 073651
from bactofugated milk. [**Contamination**]. 073654
on hands of personnel. [**Contamination**]. 073656
of ground poultry meat. [**Contamination**]. 073662
oranienburg in egg products. [**Contamination**] 073663
food packaging materials. [**Contamination**]. 079921
Contamination of **cereals** & flour with pest 073619
treatments on **contamination** of **dariy** produ- 073597
on chicks & rats. [**Feed contamination**]. 076138
Pseudomonas, Vibrio, **fish, contamination**]. 073681
producers viewpoint. [**Contamination, food**] 073594
Microbial contamination of enzyme prepara- 073595
sodium chloride] **contamination** in **pine** trees 076233
Staphylococcal contamination of beef. 073699
for disinfection of **water contaminated** with 081602

CONTRACTILE

Their significance in **contractile mechanism** 076883
Contractile properties of slime mold strand. 077277

CONTRACTS

Custom **feeding contracts.** 072845
Reus: Two traditional **contract markets.** [Ag- 073165

CONVALLARIA

of glycosides of herb of **convallaria Majalis** 078040

CONVERSION

Conversion of old **buildings** for fruit storage 080730
conditions of **conversion** on **collective** farms 073011
in chicks on growth, **feed conversion,** malab- 074720
origin on weight gains & **feed conversion** in 075034
Conversion of **glutamic** acid to proline in ch- 074754
Conversion of **lipids** in gastrointestinal tract 074848
Conversion of **nitrogen** fertilizers in soil wh- 081291
of paper industry. **Conversion** to **paper** and/ 076535
of paper industry. **Conversion** to **pulp.** 076534

CONVEYORS

economic basis for **pneumatic conveying** of 073100
Underground water **conveyance system**--a m- 081640

CONVOLVULUS

layering technique. [**Convolvulus arvensis**]. 079432
Control of **Convolvulus arvensis** & Convolvu- 079465

COOKERY

Directions '73. [**Food, cookery**]. 073730
"Organic cooking"--**gourmet cooking.** 073706
on peeling quality & flavor of **hard-cooked** s- 074076
preservation with sulphate **cooking liquor.** 076434
of sensoric features in **cooked meat.** 074061
between quality of **cooking media** & of fat e- 074316
at subatmospheric pressure to **cook poultry** 074074
Preliminary studies on **culinary quality** of fr- 078185
Quick-cooking rice. 074146
of potatoes: **Culinary** & **technological** study 074301

COOL
characteristics of pork. influence of **chilling** 073987
x robusta: changes during **chilling** & **bud** bu- 078222
in assessing freshness of **chilled channel** catf- 073636
of electrolyte treatments & **dry-chilling** on y- 074068
Effect of **dry-chilling** on flavor of fried chic- 074069
container for air-**freighting chilled** meat cuts 074034
Mechanism of **chilling injury** in sweet potato 079367
in indiangrass as affected by **light, chilling,** 077646
Effect of **cooling milk** on heat-release of hy- 073964
Winter **chilling requirements** of almond. [D- 078179
Winter **chilling requirements** of peach varie- 078180
levels of four herbicides on **cool-season** regr- 077664
Interrupted high-speed **cooling** of halved pig 074005
Nitrogen content of grapes in **cool storage** e- 074312
Influence of **cool** & **warm** temperatures & t- 077645

COOLERS
Ustilago maydis (DC) Corda in **cooler areas** 079039

COOMB
on standardization of antiglobulin **(Coombs)** 075796

COOPERATIVES
of capital structure of banks for **cooperatives.** 073138
Cooperatives: an idea which should be adva- 074305
of large **agricultural cooperative.** 072801
of production in **agricultural cooperatives** of 072859
perspectives of **agricultural cooperation** in 072863
in preparation of **agricultural cooperation.** [072868
Development of **agricultural cooperation** in 072927
Renewal of French **agricultural cooperation** 072930
culture in **agricultural cooperatives.** 073047
Agricultural cooperation in Eastern Europe- 073386
New law on **agricultural cooperation.** 073409
at Unified **Agricultural Cooperative** Podoji 078874
production in **cooperative arrangement.** 072805
that belong to **cooperation association** Thur- 078701
that belong to **cooperation association** Halle 078702
farm production by **cooperative associations** 072888
responsibility of **cooperative associations.** 073262
Economic valuation of **cooperative business** 072935
products; **cooperatives** & **commercialization** 073163
costs or less **complete cooperative** expense. 073009
Cooperation & **constitution.** [Agriculture]. 072709
Role of unions of **cooperative** in **cooperative** 072864
On state of **cooperative developmental** proc- 072846
cooperation games in **economic cooperation** 073357
hybrid created by mutual **cooperative effort** 077126
Denmark with its **cooperatives** in **European** 073314
Evaluating cooperative relationships. 072829
costs or less complete **cooperative expense.** 073009
New Jersey university **cooperative extension** 081430
control system on **farm cooperatives.** 080883
income distribution on **cooperative farms.** [072891
marketing of garlic by **cooperative farms** wi- 073069
Development of **cooperation** in **field** of seed 073470
Where **coops** can **fit** into food system trends 072909
Cooperation between **forestry** & sawmill ind- 076237
Possibilities of use of **cooperation games** in 073357
Cooperative growth: trends, comparisons, st- 072939
International cooperation between socialistic 077044
International cooperation in field of plant p- 079379
potential for **international cooperation.** 081776
Northern Norway **Marketing Cooperative.** 073302
in area of **cooperation** & **merging** of agricult- 072844
corn hybrid created by **mutual cooperative** e- 077126
Effectiveness of a **cooperative** base **plan** for 073454
working organisation of **cooperative plant** p- 072885
Tasks & problems of **cooperative plant** prot- 079291
at Unified Agricultural **Cooperative Podoji** 078874
of Agricultural **Porduction Cooperative** from 072691
Agricultural **Production Cooperatives** & indi- 073464
Evaluating **cooperative relationships.** 072829
Cooperative research in brewing industry. 073817
"lucky" Lower **Saxony cooperation** for men 072792
Fruits of **cooperation** between **science** & pro- 073542
of goats to a **cooperative summer** dairy in 072926
Maryland, New Jersey **university cooperati-e** 081430
Specialization & **vertical cooperation** in Hu- 072866
Vertical cooperation of grain industry & fa- 072896

COOPERIA
Ostertagia ostertagi, **Cooperia oncophora,** li- 075703

COOPERS
cows & heifers. IV. Zinc & **cooper content.** 075559

COPPER
mucosa. 13. Dynamics of **copper absorption.** 074843
Copper absorption in vitro from copper ami- 074845
phosphorus, zinc & **copper** of new **born** kids 076006
of fungicidal toxicity of some **copper-chrome** 076563
study of nonaqueous **copper colorimetric** & s- 079627
Copper content in grass & soil under copper 076149
Studies on **copper deficiency** of citrus. I. di- 079252
A note on **copper deficiency** symptons of s- 079268
Disorders due to **copper deficit** in sheep & 075020
Copper determination in white sugar. 074176
Determination of **copper** & other **elements** in 073700
model to prepare **copper-enriched** ureaform 081467
Copper fertilization of pastures. 081434
boron, zinc, iron, & **copper** in above-**ground** 077305
content in grass & soil under **copper high-te-** 076149
Iron, copper & vitamin B12 levels in sheep 074711
Content of zinc, **copper, lead** & vanadium in 081144
Content of **copper** & **manganese** in grains of 074231
Stabilizing **copper mine** tailing disposal be- 081548
Collaborative study of **nonaqueous copper** co- 079627
A mathematical model to **prepare copper-en-** 081467
its interrelationships with **copper** in **rabbits** 074816
on content of ferrum & **copper** in **rape** oil d- 074237
Transfer of **copper-64** from **serosa** to mucosa 074843
between selenium & **copper** in **spontaneous** 076019
Stabilizing copper mine tailing disposal be- 081548
Influence of **copper** on **stearic** acid desaturat- 074952
effects of diquat plus **copper sulfate** on aqua- 079613
Effect of **zinc, copper,** & iron on ochratoxin 077322
Content of **zinc, copper,** lead & vanadium in 081144
Zinc, copper & manganese contents in mine- 081189

COPRECIPITATION
SEE PRECIPITATION

COPRINUS
on spore germination of **Coprinus radians** D- 077316

COPROPHAGY
with some other **coprophagous Coleoptera.** 080501

CORAL
by sessile animals & algae from **coral reef** at 076837

CORALLINACEAE
New species of **Corallinaceae** (calcareous al- 076808

CORD
pulpwood production dips to 4 **million cords** 076553
Vessels of internal organs of **spinal cord** of 074821
examination of horse. II. **Spinal cord.** 076037

CORDIA
A new species of **Colletotrichum corda** from 076708
with Ustilago maydis (DC) **Corda** in **cooler** 079039
produced by Cephalothecium **roseum Corda** 077450

CORMS
Breaking apical bud dominance in **arvi corms** 078029
of latent Fusarium in **Gladiolus corms.** 078996

CORN
Better protein from **corn?** [Breeding]. 077136
philogenetic development of **corn.** 077153
Study of reciprocal crosses in **corn.** 077179
Leaf angle, leaf area, & **corn** (Zea mays L.) 077649
of various plant structures. **[Corn].** 077692
triglycerides from maturing kernels of **corn** 077823
formation in extracts of Zea mays. **[Corn].** 077846
of tyrosine ammonia-lyase reaction. **[Corn].** 077848
biosynthesis in Zea mays shoots. **[Corn].** 077849
activity & polyribosomal content of **corn** (Z- 077852
Georeaction of decapped roots. **[Corn].** 077872
inhibitor from root cap of Zea mays. **[Corn]** 077880
growth during early development of **corn.** 077938
of lignin-precursors in Zea mays. **[Corn].** 077964
potassium+ in excised roots of **corn.** 077965
Ammonia vs. molds in **corn.** [Aspergillus fla- 078893
Tar spot of **corn.** [Phyllachora maydis]. 078895
Butylate incorporation on **corn.** [Weed cont- 079453
in Burleson County for 1971 & 1972. **[Corn]** 079570
on persistence of atrazine in sand. **[Corn].** 079604
suspension fertilizer compatibility. **[Corn].** 079607
used for improvement of **corn** for **animal** fee- 078496
Trial of **corn borer** Ostrinia nubilalis Hb./ t- 077906
Mating behavior of southwestern **corn borer** 079704
Occurrence & control of European **corn bor-r.** 079712
mutual cooperative effort of **corn breeders** of 077126
Corn has a **bright** future in agriculture. 073413
in relative susceptibility of **certain corn** vari- 079756
application of herbicides on **corn crops.** 079492
of T cytoplasm with N **cytoplasm corn** hybr- 077238
practices on hilly terrain. **[Corn, Dactylis** g- 078260
After **difficult corn** season, agroclimatic con- 078469
problems of recitification in **corn distillery.** 074171
plants from embryos excised from **dry corn** 077670
Occurrence & control of **European corn** bor- 079712
study between sorghum & **corn** in **fattening** 074889
armyworm larvae. 1. Regions of **field corn** p- 079702
Corn hybrid BEKE 270, **first corn** hybrid cr- 077126
of swine fed opaque-2 or normal **corn free-c-** 074956
On productivity of second-**generation corn** 078509
Determination of corn oil in **corn germ** by i- 074130
its metabolites in field-**grown corn** plants. 077770
Developments in **corn harvester** machinery. 080816
Corn maturity & Ontario **corn heat** units. 077728
budworm with light traps. **[Heliothis zea,** 079706
Pseudaletia unipuncta, **Heliothis zea].** 080332
Preemergence **corn herbicide** evaluations in 079569
Postemergence **corn herbicide** evaluations in 079570
metabolism in seeds in **heterotic corn** hybri- 077908
Paln to make **high corn** yields. 078289
Corn hybrid BEKE 270, first **corn hybrid** cr- 077126
forms on grain yield of **corn hybrids.** 077200
T cytoplasm with N cytoplasm **corn hybrids** 077238
in seeds in heterotic **corn hybrids.** 077908
of second-generation **corn hybrids.** 078509
T cytoplasm with N cytoplasm **corn hybrids** 079085
Differential butylate injury to **corn hybrids** 079602
to broiler chickens of **corn invaded** by a pure 076135
nitrate reductase in cron **(Zea mais** L.). 077630
cytoplasms & among inbreds in **maize, Zea** 077038
Corn maturity & Ontario corn heat units. 077728
of A brown midrib mutant of **Zea mays.** I. F- 074979
of a brown midrib mutant of **Zea mays.** II. 074980
among inbreds in maize, **Zea mays** L. 077038
to silking & seed size in maize **(Zea mays** L 077107
Leaf angle, leaf area, & corn **(Zea mays** L.) 077649
embryos excised from dry corn **(Zea mays** L 077670
Zea mays: methods for diploid callus culture 077692
differentiation of isolated maize **(Zea mays** 077704
malate formation in extracts of **Zea mays.** 077846
Galactolipid biosynthesis in **Zea mays** shoots 077849
pollen tube growth of maize **(Zea mays** L.) 077879
Growth inhibitor from root cap of **Zea mays** 077880
in grain yield of maize **(Zea mays** L.). 078436
Quality of maize **(zea mays** L.) fodder in re- 079474
polyribosomal content of corn **(Zea mays** L. 077852
nutrient movement in a **monoculture corn** s- 081395
Opague-2 & **normal corn** as amino acid sour- 074953
of swine fed opaque-2 or **normal corn** free-c- 074956
of longitudinal growth in **corn** & **oat** plants. 077916
of phytochrome. **[Oats, corn,** peas]. 077861
of maturity of grain of **corn** in **Obregon** Hy- 077987
Corn oil & human nutrition. 073722
Determination of **corn oil** in corn germ by i- 074130
Corn maturity & **Ontario corn** heat units. 077728
of phytochrome. [Oats, **corn, peas].** 077861
its metabolites in field-grown **corn plants.** 077770
larvae. 1. Regions of field **corn plants** infest- 079702
Postemergence corn herbicide evaluations in 079570
Preemergence corn herbicide evaluations in 079569
water on barley & **corn production** in a sub- 077662
nitrogen fertilization in **corn production.** 081392
by-products in **corn rectification.** 074171
An important disease of **corn** in **Reunion.** [079147
of herbicide diphenamid in **corn root** tip. 079535
Corn rootworms in Michigan. [Diabrotica l- 079733
to subsequent crop in wheat--**corn rotation.** 081473
After difficult **corn season,** agroclimatic con- 078469
Improvements needed in **corn seed** culture. 078508
as a nitrogen supplement to **corn silage.** 074324
Silage technique for **corn silage.** 074346
Effect of vitamin A upon **corn silage** for Ze- 074893
nucleopolyhedrosis virus on **corn silks.** 079708
No tillage crop production. **[Corn, sorghum,** 078477
Mating behavior of **southwestern corn** borer 079704
children. IX. Instant sweetened **corn-soy-mi-** 073709
Reaction of **corn** & **soybeans** to nutrition co- 077635
Pest control in **corn** & **soybeans:** weeds, ins- 079213
of starch during dextrinization. **[Corn starch]** 074105
filth from canned whole & cream **style corn** 073577
potassium content of **corn** & **sugar** beet with 077712
of cultivated crops. **[Corn, sunflowers].** 078561
designs: nitrogen fertilization of **sweet corn.** 081312
children. IX. Instant **sweetened corn-soy-mi-** 073709
Modern brewing with **corn syrup.** 073807
movement in a monoculture **corn system.** 081395
Armyworm in no-**tillage corn.** [Pseudaletia 079736
spp. in a large field cage. **[Corn, tobacco].** 079699
Artificial infection of **corn** with **Ustilago** ma- 079039
susceptibility of certain **corn varieties** to sta- 079756
Breeding of **corn, wheat** & barley to increase 077127
index & radiation as related to **corn yield.** 077660
Dependence of **corn yield** on plant density 078279
Relationships between drought & **corn yields** 077642
Paln to make high **corn yields.** 078289

CORNCOBS
Feeding of brickets & **cobs** from **hot** air dri- 075015

CORNEA
of pannus in dogs by use of a **corneal-scleral** 075453

CORNUS
megagemetogenesis in five species of **Cornus** 076893

CORNUTIA
Viola cornuta L., a new adventive plant in 076760

CORRALS
accumulation on a selected **dairy corral** & its 081813

CORRIEDALE
classification system of our **Corriedale sheep** 074436

CORROSION
Corrosion problems relating to application of 080848

CORTEX
enzyme activity in bovine **adrenal cortex** mi- 074556
Anion transport in beef **adrenal cortex** mito- 074624
to mitosis in cultured pea root **cortex cells.** 077989
Fructus carvi, Herba **equiseti, Cortex** frangu- 073855
effects on receptive fields in **visual cortex.** 074693
Development of rabbit **visual cortex:** late ap- 074790

Kitten **visual cortex:** short-term, stimulus-in- 074791

CORTICOSTEROIDS
Effects of **adrenal corticosteroids** on motility 075337
progesterone, total **oestrogens, corticosteroi-s** 075175
of a new **corticosteroid** in **treatment** of cani- 075891

CORTICOTROPIN
by metyrapone. [**adrenocorticotropin**]. 074749
on **adrenocorticotropin administration** & tes- 074532

CORTISOL
SEE HYDROCORTISONE

CORTISONE
tetragona infections. 7. Effect of **cortisone** on 075814

CORYLACEAE
defects of hornbeam wood (**Carpinus betulus** 076436

CORYNEBACTERIUM
of bacteria of **Corynebacterium genus** in udd- 075750
pathogens. [**Corynebacterium spedonicum**]. 076766

CORYNEUM
SEE MELANCONIACEAE

COST
cane harvesting in Queensland. [**Costs**]. 072995
effectiveness of land reclamation. [**Costs**]. 073015
for increasing production of feeds. [**Costs**]. 073018
Development of mixed feed industry. [**Costs** 073021
fertilizers on tea plantations. [**Costs**]. 073057
results in fattening swine operation. [**Costs**] 073064
Mechanization of family farms. [**Costs**]. 073089
of grape culture in hilly areas. [**Costs**]. 073093
conveying of manure on dairy farms. [**Costs**] 073100
of use of farm tractors & equipment. [**Costs**] 073105
on state farms of Moscow Region. [**Costs**]. 073108
for irrigating farm crops. [**Costs**]. 073109
under full cost accounting system. [**Costs**]. 073120
fertilizers on tea plantations. [**Costs**]. 081405
transports of sugar beet leaves [**costs**], 073007
in beef production in Penza Region. [**Costs**] 073121
transports of sugar beet leaves [**costs**]. 080823
Regional trust on complete **cost accounting** 072818
engineering groups under **cost accounting** sy- 072823
New forms of intra-farm **cost accounting** sys- 072824
Cost accounting system as a method of cont- 072836
Cost accounting system activity of collective 072841
Cost centers in agricultural **cost accounting** 072850
of state farms & **cost accounting** system. 072951
Internal **cost accounting** system within syst- 072953
on state farms on full **cost accounting** system 072959
Work of state farms on full **cost accounting** 072961
under conditions of full **cost accounting** syst- 073031
on state farms under full **cost accounting** sy- 073122
Overhead costs from farm **cost accounts.** 072980
costs & returns from farm **cost accounts.** 072981
costs & returns from farm **cost accounts.** 072982
costs & returns from farm **cost accounts.** 072983
Cost centers in **agricultural cost** accounting 072850
equipment on hills: a **costs analysis.** 073092
Distribution strategy & **cost analysis.** [Food 073256
reclamation of waterlogged **areas, cost-**benef- 081646
Benefit-cost: a technique for project apprais- 073033
Cost-benefit analysis of reforestation. 076320
of waterlogged areas, **cost-benefit** considerat- 081646
Cost centers in agricultural cost accounting 072850
Cost comparison of heating methods. [Gree- 073076
Regional trust on **complete cost** accounting 072818
Methods, Efficiency & **Cost** of **Copped** hay 074329
Field **crops costs** & returns from farm cost 072981
1972 **Cost** to **develop** an avocado orchard in 073004
Relating **distribution costs** of irrigation wat- 073135
Cost-effectiveness methodologies for data ac- 081743
Economic effectiveness of **equalizing costs** of 073118
New forms of intra-**farm cost** accounting sys- 072824
Overhead costs from **farm cost** accounts. 072980
Field crops costs & returns from **farm cost** 072981
fruits costs & returns from **farm cost** accoun- 072982
Livestock costs & returns from **farm cost** ac- 072983
Necessity of reduction of **costs** of **farm** build- 072996
accounting system. [Collective **farming, costs,** 073031
of cattle maintenance. [**Feeding, costs**]. 073023
How much does a **forest cost?** how to do ac- 076335
Cash crops & **fruits costs** & returns from fa- 072982
accounting system within system of **full cost** 072953
of operations on state farms on **full cost** acc- 072959
Work of state farms on **full cost** accounting 072961
Competition under conditions of **full cost** ac- 073031
Farm (Donets Region) under **full cost** accou- 073120
sources on state farms under **full cost** accou- 073122
rates in white spruce. [Picea **glauca, costs**]. 076338
A study on **cost** of **growing** & fattening butc- 072993
with emphasis on **cost** of **industrialization.** 073552
Cut cotton **insecticide costs** with integrated 079745
Internal cost accounting system within syst- 072953
Cost of **liter** of milk: Is it more or less rais- 072843
Livestock costs & returns from farm cost ac- 072983
different preservation methods on **cost load** 073063
settlements: Minimal **management costs** or 073009
Media costs. [Soil mixes]. 073043
Achievements & **costs** of **operating** methods 079630
Overhead costs from farm cost accounts. 072980
in measurement of direct & **overhead costs** in 076294
Cost of **parliamentary** enclosure in Bucking- 072724
Low **cost plastic**-film covered growth tunnels 080796
Ratio of **costs** & **prices** of basic agricultural 073074
Costs of **processing,** warehousing & selling F- 073205
1972 **Cost** to **produce** avocados in San Diego 073003
Coverage of agricultural **production costs** in 072873
Cost of **production** of a breeding swine. 072994
method of planning **production costs.** 073024
North. [Agricultural **production, costs**]. 073028
incentives as savings from **production costs.** 073030
means of reducing their **production costs** in 073129
Costs & profitability of state farm producti- 073127
man-hour requirements, **cost, quality,** & cult- 078315
Harvesting of olives: how to **reduce costs.** [078756
in growth of production & **reducing costs** for 073013
Pineapple, its quality & **cost** in **relation** to 078685
Calculation of **rental costs.** [Forestry]. 076254
performance, man-hour **requirements, cost,** 078315
system. [Collective farming, **costs, returns**]. 073031
Plains wheat sector. [**Costs, returns**]. 073066
tables of food industries. [**Costs, returns**]. 073628
Effect of age at lighting on **costs** & **revenues** 073072
Saving costs in fertilization. 073039
hauling practices & **costs,** 24 **selected** farms, 073083
Reducing centralized **service costs** for motor 073012
What it **costs** in **time** & money to cut hay. 073060
Crop budgets: yields, inputs, & **variable costs.** 073094
Technique & **costs** of **wet** storage of round t- 076461

COSTELYTRA
Rearing Costelytra zealandica (Coleoptera: 080366

COTTON
for tolerance to Verticillium wilt. [**Cotton**]. 073380
Act]--how they affect producer. [**Cotton**]. 073549
handling on seed & lint quality. [**Cotton**]. 074240
Act]--how they affect producer. [**Cotton**]. 074242
spectrum of mutations in **cotton.** 077020
of different nitrogen fertilizers. [**Cotton**]. 077721
water uptake in plant tissues. [**Cotton**]. 077856
wide-bed cultural systems. [**Cotton**]. 078439
not grow Bikaneri narma in Punjab. [**Cotton**] 078475
nematodes & Verticillium wilt of **cotton.** 078899
row culture on Vertucillium wilt of **cotton.** 078994
physiology of Verticillium wilt of **cotton.** 079103
for immunity to Verticillium wilt in **cotton** 079106
for tolerance to Verticillium wilt. [**Cotton**]. 079107
for control of Verticillium wilt of **cotton.** 079108
omnivorum] root rot. [**Cotton**]. 079109
on reniform nematode as related to **cotton.** 079403
a regulator of young fruit abscission. [**Cotton** 077863
regulatory mechanisms of **cotton adaptation** 077957
photosynthesis in **cotton** as **affected** by min- 077720
on yield capacity of **cotton** & **alfalfa** in Kar- 081517
Lease & sale transfers of **cotton allotment** in 073394
other articles with **cotton** in **Argentine** Rep- 073368
Better cotton harvests with growth regulato- 077894
salinity conditions on deep **black cotton** soil 081084
nutrition of **cotton** under two **boron** levels. I 077666
status of Ygus hesperus in **cotton** in **central** 079753
Cut cotton insecticide costs with integrated 079745
Chemical control of **cotton diseases.** 079405
Cotton export profits help Pakistan boost f- 073223
wearing & multiple bending of **cotton fiber.** 074133
Fertilizers for fine-**fiber cotton** in Karshi St- 081295
for organophosphate-treated **cotton fields** ba- 080049
Finishing cotton for today's market. 074239
study of a phyllody (**cotton floral** virescence 079162
of temik aldicarb pesticide in **cotton foliage** 080086
Pectinophora **gossypiella, cotton**]. 079701
arid west. [Pectinophora **gossypiella, cotton**] 079703
U.S. Exports of **cotton** to **Greece** expand su- 073225
among San Joaquin Valley **cotton growers.** 073131
of applied research on **cotton growing** in Se- 078292
Sorghum **halepense, cotton**]. 079595
Cotton harvesting & hauling practices & cos- 073083
Better **cotton harvests** with growth regulato- 077894
Preemergence **cotton herbicide** evaluations in 079563
Postemergence **cotton herbicide** evaluations 079564
persistence of **cotton & identification** of its 079720
Cotton insect control. 079710
Cut **cotton insecticide** costs with integrated 079745
Cotton leaf temperatures as related to soil 077650
of Temik 10 G for control of **cotton leaf** per- 079681
Rearing **cotton leafworm** Spodoptera littoral- 079755
Mississippi Delta. [Lygus **lineolaris, cotton**] 079709
Pima **cotton lint** yield as influenced by irrig- 078261
flavus Link ex Reies from **cotton, maize** & 079025
physical properties of **cotton modified** by N 074222
spiders associated with **cotton** in **Oklahoma.** 079707
Row width effect on **cotton performance.** 078440
Cotton pest management: a systems approa- 079261
field relationship. [**Cotton pests**]. 079751
County Scouting Program. [**Cotton, pests**]. 079752
dosages by ionometer in **cotton petioles.** 077716
Pima cotton lint yield as influenced by irrig- 078261
Study of germination of **cotton pollen** (Goss- 077715
Postemergence cotton herbicide evaluations 079564
Preemergence cotton herbicide evaluations in 079563
Cotton production under alternative insectic- 079754
Produce high yields of **quality cotton.** 078288
in native cellulose fibers. [**Cotton, ramie**]. 074221
metabolism of **cotton** under gamma-**ray** irrad- 077722
Rearing cotton leafworm Spodoptera littoral- 079755
Cotton remains from archeological sites in c- 078503
of adversity-multi-disease **resistant cottons.** 079404
Weed control in narrow-**row cotton.** 079618
Response of narrow-**row cotton** to managem- 081522
Varietal response of narrow-**row cotton** to 081523
Response of narrow-**row cotton** to managem- 081751
Varietal response of narrow-**row cotton** to 081752
of harvesting & handling **seed cotton** in Mis- 072905
of bacterial blight in **cotton seedlings.** [Xan- 079144
Occurrence of aflatoxins in **cotton seeds** at 078993
assessing susceptibility of **cotton selections** 079016
Fertilizers for **cotton** in **Shirvan** Steppes. 081407
on nitrogen metabolism in **cotton shoots.** 077958
salinity conditions on deep black **cotton soil** 081084
flame cultivation for **cotton & soybeans.** [W- 079517
fiber quality, & yields of two **cotton species** 077912
program & farmer. [**Cotton, subsidies**]. 073548
Fight against Verticillium on **cotton** in **Syria** 078955
intervals for organophosphate-**treated cotton** 080049
of floral virescence of **cotton** in **Upper** Volta 079163
among San Joaquin **Valley cotton** growers. 073131
Effect of drought on **cotton water** regime at 077725
herbicide applications. [**Cotton, weed** control 079619
Xylanase activity of **cotton wilt** pathogen. [079096
cycle of Verticillium dahliae. [**Cotton, wilt**]. 079104

COTTONSEED
Status of **cottonseed flour** & its future. 074241
Cottonseed meal & biuret mixtures as winter 074931
on isolation of **cottonseed protein** by sodium 074161

COTTONWOOD
breeding of **cottonwood** in North-**Central** R- 076410

COTURNIX
electron microscopy. [**Coturnix coturnix** jap- 074724
eggs of Japanese quail (**Coturnix coturnix** j- 075324
disease in Japanese quail (**Coturnix coturnix** 075804
in laying Japanese quail (**Coturnix coturnix** 076139
new avian cestodek **Metroliasthes coturnix** 075733

COTYLEDONS
extractable gibberellins in **bean cotyledons** 078103
on influence of **cotyledons** on **development** of 077006
of mitochondria in **pea cotyledons** during ea- 078121

COUMARINS
Coumarin content in Siberian representatives 077580
Coumarins in **fruits** of garden plants. 077988

COVERS
Coverage of **agricultural** production costs in 072873
pine forests on one side of **coastal coverage** 076175
Leaf vs. **fruit coverage** with atnitranspirants 078042
Ground covers: selection & use. 078860
for professional activities to **cover local** pro- 072854
of Hodotermes mossambicus on **plant cover** 079725
production under glass & **plastic covers** after 073440
Growing melons under **plastic covers.** 078841
production under glass & **plastic covers** in E- 078695
Method of determination of **projective cover** 076870
Effect of **covering** of **soil** with black polyeth- 078746
Conditions of soil formation & **soil cover.** 081010
Representation of structure of **soil cover** & i- 081078
Effect of **soil cover** on decomposition of fore- 081261
of soil fungi in relation to **cover vegetation** 081044

COWPEAS
Trypsin inhibitor activity of **cowpeas** (Vigna 073744
conjugation: no effext of ethylene. [**Cowpeas** 078125
East African strains of **cowpea aphid**-borne 079151
electrophoretic study of **cowpea chlorotic** m- 079178
a newly recognized virus **infecting cowpeas** 079150
grain yield of two varieties of **cowpea, Vigna** 078340

COWS
SEE BOVINE

COYPUS
A screen for dry maintenance of **nutria.** 074392
Short nerves of brachial plexus in **nutria** (074707

CRABGRASS
with use of a lawn **crabgrass control** prepar- 076107

CRACKING
Cracking in **cherries.** VI. Cracking susceptib- 077970
of blue stain infection & **crack formation** in 076460
of outlet tubes with **oblique crack.** [Equipm- 080985
Cracking round timber: a discussion about c- 076429
resistance to **cracking** in **tomatoes.** 078824

CRANBERRIES
Alkaloids of **cranberries.** 078027
Intraspecific forms of **cranberry genus.** [Ox- 076611

CRANIUM
Left cranial vena cava without corresponding 076012

CRATAEGUS
SEE ROSACEAE

CREAM
between sweet-**cream buttermilk** powder & c- 073965
spreading through infected **ice cream.** 073618
What's new in automated **ice cream** product- 073926
of cottage cheese whey in **ice cream.** 073931
for correct formulation in **ice cream** manufa- 073958
flavor & body defects in vanilla **ice cream.** 073959
Regulation of acidity of **milk, cream** & whey 073974
light filth from canned whole & **cream style** 073577

CREATINE
of isoenzymes of **creatine phosphokinase** & 074585

CREDIT
programme of fertilizer use with **credit.** 073068
surplus of profit to early return of **credit.** 073125
banks for cooperatives. [**Agricultural credit**] 073138

CREPIS
SEE COMPOSITAE

CRETACEOUS
of organic matter in soils of **cretaceous** "Ch- 081050
cultivated clay mares of **Upper Cretaceous** of 081271

CRETICA
SEE MOLLUSKS

CRICKETS
Deciduous wings in **crickets:** a new basis for 080393
DNA in oocytes of house **cricket, Acheta** d- 080220
of spermatogenetic stages in **cricket, Acheta** 080442
Cave **cricket activity** rhythms & earth tides. 080330
of insecticides for controlling **mole crickets** 079798

CRICONEMATIDAE
Criconema proclivis n. Sp. (Nematoda: Cric- 079315

CROPS
experiments with irrigation regime of **crops.** 077945
Mallorca & problematics of a **crop:** almond 078616
sanitary protection of **crops.** 079256
fauna in French West Indies. [**Crops**]. 079355
dynamics & its variations under **crops.** 081181
experiments with irrigation regime of **crops.** 081708
Influence of **cropping & activated** carbon on 079604
How ancient soils **affect crops.** 081203
control with chemicals: **agronomic crops,** pe- 079560
intake of irrigated first-**crop alfalfa** hay. [S- 074856
You can lose a third of your **alfalfa crop.** 078354
their relation to **cropping** in **Alphonso** man- 077980
micro-nutrients in relation to **crops** in **arid** 078046
for forecasting yields of **basic crops** under p- 078459
of pests & diseases in sugar **beet crops.** 079739
studies: growth & **cropping** of **Bramley's** see- 078672
Selected U.S. **Crop budgets:** yields, inputs, 073094
Cash crops & fruits costs & returns from fa- 072982
of dried forage as an arable **cash crop.** 073070
Maubl.) Ashby), in **crops** of **central** zone. 078891
New method of grading seeds of **cereal crops** 074229
in research of succeeding **cereal crops.** 078303
of nutritional condition of **cereal crops.** 081342
effect of nitrogen on succeeding **cereal crop** 081377
High protein oats--a useful **companion crop** 078330
A provisional tree seed-zone & **cone-crop** rat- 076407
Maharashtra State on **continuous cropping.** 081207
application of herbicides on **corn crops.** 079492
Field **crops costs** & returns from farm cost 072981
A new **crop** for North **Country.** [Rice]. 078522
Use of some **cruciferous crops** as forage (rev- 078524
of vegetable & **cucurbitaceous crops** of Kura 079230
accurate planting of **cultivated crops.** [Corn, 078561
North **Dakota crop** & livestock statistics; a- 073367
Influence of **different crops** in nematode po- 079353
Balance of organic matter in **different crop** 081007
in **crops** as their 2,4-**dinitrophenyl** ether der- 073582
of nematodes in **crops** of **economic** importan- 079352
public involvement in **Crops** of **Engineers,** w- 081734
trees in Netherlands & **crop expectations** in 078636
Crop failure in agriculture--what is reason? 079360
using groundwater for irrigating **farm crops.** 073109
potassium in various organs of **farm crops.** 077294
Varietal trials of **farm crops.** [Field crops]. 078425
for controlling diseases of **farm crops.** 079326
hire services in multiple **crop farming.** 072798
Albrecht Thaer & **crop farming** in England. 078428
Field crops costs & returns from farm cost 072981
Michigan **field crops**--now & in 1985. 073485
Testing seeds for oil & protein. [**Field crops** 074082
limitation to grain yield in a **field crop.** 077685
in a number of farm crops. [**Field crops**]. 077832
chlorophyll formation in leaves. [**Field crops** 077937
member countries. [**Field crops**]. 078271
in multiple cropping system. [**Field crops,** v- 078272
trials & variety selection. [**Field crops**]. 078409
Varietal trials of farm crops. [**Field crops**]. 078425
of programming yield capacity. [**Field crops**] 078564
in multiple cropping system. [**Field crops,** v- 078634
deficiency symptons of some **field crops.** 079268
at controlling pests & diseases in **field crops** 079378
be deceiving-herbicide injury? [**Field crops**] 079441
Weed preparations are effective. [**Field crops**] 079554
Brazos bottom, 1971 & 1972. [**Field crops**]. 079561
exploitation of aircraft means in **field crop** 080941
of potassium fertilizers in **field crop** rotation 081306
On fertilizing with urea. [**Field crops**]. 081318
Fertilizing advice. [**Field crops**]. 081425
of fertilization system in main **field crops.** 081474
Primary productivity of **crop fields.** [Rye, p- 078250
Effect of limestone on **flax crop** & its quality 081471
seed ways to expand Mideast **food crops.** 073436
potatoes, standard of **crop,** & **food** quality. 081421
methods of breeding lupine as a **forage crop** 077173
Natural basis for **forage cropping** production 078350
Annual **forage crops** & their use in sequence 078450
Spring seeding in field **forage cropping.** 078539
Cabinet type drying oven for **forage crops.** 080727
fertilization of perennial **forage crops**--yeild 081346
Effect of variety & **former crop** on overwint- 078544
for commercial small **fruit crops.** 079530
production capital for raising **grain crops.** 073111
with yeild capacity of **grain crops.** 081247
of phosphorus fertilizers on **grain crops** rela- 081305
Effects of **crops & grass** on soil structure. 081157
Weed control in perennial **grassseed crops.** 079543
management & control on **crops grown** for s- 079660
photosynthetic activity, & **crop growth** rate 077763
Effect on **hemp crop** or irrigation with flax 078463
A few models of **herbaceous cropping** syste- 078388
beetles. [Chrysomelidae, **horticultura crops**] 079818
Diversification in **Ilinois crop** production: 1 073452
Evaluation of quantitative **infestation/crop** l- 079236
Spring oil plants--a good **interim crop.** 078351
Fusariosis of **legume crops** in Lithuania. 4. 078897
Jerusalem artichokes for a **lifetime crop.** 078777
of quantitative infestation/**crop loss** relation- 079236
of Pratylenchus penetrans & **crop losses** in f- 079316
pest control in seed **lucerne crops.** 079738
Shaped beds as an aid to **mechanized crop** 080934
labor & time in **multiple cropping.** 072794
Multiple cropping & small farmers. 072797
Tractor custom hire services in **multiple crop** 072798
Green Revolution through **multiple cropping** 073400
Cropping patterns in **multiple cropping** syst- 078272
Rotational canal closure & **multiple cropping** 078363
Cropping patterns in **multiple cropping** syst- 078634
Nippon plows for **multiple cropping** in Asia 080805
phoshporus as affected by **multiple cropping** 081096
water use efficiency in **multiple cropping.** [I- 081605
Rotational canal closure & **multiple cropping** 081649
contents of pendulous crops & **normal crops** 074744
Michigan field **crops--now** & in 1985. 073485
production into inter-farm co-**operative crop** 072931
Changes in **cropping patterns** in APO [Asian 078271
Cropping patterns in multiple cropping syst- 078272
water-table & efficacy of **cropping patterns.** 078361
Cropping patterns for waterlogged areas. 078362
Cropping patterns in multiple cropping syst- 078634
water-table & efficacy of **cropping patterns.** 081627
Cropping patterns for waterlogged areas. 081628
fatty acids in contents of **pendulous crops** & 074744
productivity from annual & **perennial crops.** 077474
with chemicals: agronomic **crops, perennial** 079560
A fugue for aphids. [**Crop pests,** India]. 079679
diseases in cereal in industrial **plant crops.** 079375
equipment in ceral & industrial **plant crops.** 080942
Weed control in tropical **plantation crops.** 079548
note on "wilting phenomenon in **crop plants** 077672
Role of **preceding crops** in crop rotation on 078517
of potatoes as affected by **preceding crops.** 078791
Effect of certain **preceding crops** on species 079235
of soil & fertilizers of **preceding crop.** 081296
Influence of fertilization of **preceding crop** 081473
winter wheat after various **preceding crops.** 081582
Changes in **crop production** in East Worces- 072623
inter-farm co-operative **crop production.** 072931
Diversification in Ilinois **crop production:** 1 073452
problems of prognosis of **crop production** de- 073505
Natural basis for forage **cropping production** 078350
No tillage **crop production.** [Corn, sorghum, 078477
as an aid to mechanized **crop production** & 080934
saline & alkaline soils on **crop production** & 081534
On **crop productivities** & leaching degree of 081116
cropping systems--results & **prospects--crop** 078388
of aircraft means in field **crop protection.** 080941
tree seed-zone & **cone-crop rating** system for 076407
phosphorus fertilizers on grain **crops relative** 081305
Treatments to increase value of **crop residues** 074915
Crop responses to no-till management pract- 078260
Possible aerial desiccation of **rice crop** with 078480
Role of alfalfa in **rice crop** rotation system. 078565
on yield of first & second **crop rice.** 079572
haymaking of green material on **root crop** & 077680
Sowing & harvesting of **root crops.** 078676
with yield supplements in **rotated crops.** 081307
of cereal production within **crop rotation** wi- 078301
Economics of **crop rotation** in bundelkhand 078367
systems--results & prospects--**crop rotation** 078388
Role of preceding crops in **crop rotation** on 078517
Principles of **crop rotation.** V. Models of so- 078548
practical experiences in **crop rotation** on fer- 078550
Principles of **crop rotation.** VII. Research & 078557
Role of alfalfa in rice **crop rotation** system. 078565
system from point of view of **crop rotation** 079037
of potassium fertilizers in field **crop rotation** 081306
Fertilizers for winter rye in **crop rotation** in 081308
on productivity of alfalfa in **crop rotation** wi- 081715
of organic matter in different **crop rotations** 081007
Herbicide evaluations in **row crops** for Braz- 079561
Off-**season cropping** of mango. 078593
herbicides on yield of first & **second crop** ri- 079572
insecticide residues in **crops & soil.** 073639
Studies on behavior of boron in **soil-crop** sy- 077784
insecticide residues in **crops & soil.** 080103
efficiency of bacterization in **soybeans crops** 081201
crop rotation & **specialized cropping.** 078388
Effect of winter **crop state** on amount of ph- 077831
Why can't we have a **strawberry crop** after 078839
Strip-cropping's effect on beneficial insects 079707
of fertilizers applied to **subsequent crop** in 081473
effect of herbicides on **succeeding crop** of ri- 079556
Soybean culture in **Switzerland, crop** of futu- 078348
patterns in multiple **cropping system.** [Field 078272
on behavior of boron in soil-**crop systems.** 2. 077784
few models of herbaceous **cropping systems-** 078388
a basic requirement for **cropping techniques** 079457
No **tillage crop** production. [Corn, sorghum, 078477
for analysis of metaldehyde in **crop tissue.** 080093
Application of herbicides to **crops turnips &** 079493
in soil when applied to **various crops.**1. 081291
Fertilizer application to **various crops** & the- 081457
on growth & nutrition of **vegetable crops.** III 078017
Virus disease problem in **vegetable crops.** [I- 079182
Nematodes of some **vegetable crops** of Sheki 079229
deficiency & excess of **vegetable crops.** 079340
for commercial **vegetable crops.** 079529
grass: a potential threat to **vegetable crops** 079557
Insects pests of **vegetable crops** in south-we- 079801
formation in leaves. [Field **crops, vegetables** 077937
cropping system. [Field **crops, vegetables,** I- 078272
on performance of **crops** under **waterlogged** 078361
architecture & productivity of **wheat crop.** 077942
Pests of **wheat crop** & their control. [India] 079724
Effect of **winter crop** state on amount of ph- 077831
fertilization of perennial forage **crops--yeild** 081346
Correlation between **crop yield,** photosynth- 077564
mixtures on weediness of **crops & yield** of s- 079494
Soil structure: its effect on **crop yield.** 081159
Small grains research. [**Crop yields**]. 078490

CROSS
herds of meat cattle by **absorptive crossing.** 075414
hybrids obtained from **crossing Agropyron** g- 077232
Crossing barriers of Secale silvestre genoms 077058
Crossing with **beef** cattle for milk production 075245
in pigs at a simple utility **cross-breeding.** 074851
in pigs at simple utility **cross-breeding.** 075179
Pure breeding & **cross breeding** in swine pr- 075286
of Charolais bulls in **customary crossing** in 075381
of oil & protein content in a **diallel cross** of 077037
Location of factors **enhancing crossing** over 077410
examinations. Flexion & **crossed extension** r- 075561
Effects of heat & light **crossed gradients** ro- 074738
scheme of beef bulls for **industrial crossing.** 075213
Effectiveness of **industrial crossing** of dairy, 075415
Cross inoculation studies with Rhizobia of c- 081208
Effects of heat & **light crossed** gradients ro- 074738
Line cross test with light strains. [Poultry] 075202
Line cross test with broilers, 1971/1972. 075205
Line cross tests for egg laying capacity of 075206
A **cross-linking** study of beef erythrocyte m- 074554
Natural crossing in pigeon pea [Cajanus caj- 077138
Somatic **crossing over** in Lycine max (L.) 077083
Location of factors enhancing **crossing over** 077410
Somatic **crossing-over** in Drosophila melano- 080269
of stem eelworms. III. **Crossing** of **parsley,** 079363
in cow's milk in raising & **crossing purebred** 075412
sinensis Hemsl. **Crossed** with **Scopolia** tang- 076977
synthesis on induction of **somatic crossing** o- 077083
Somatic crossing-over in Drosophila melano- 080269
cytoplasm & level of **backcrossing** of **sterile** 077200
lines of beef cattle for **terminal crossing.** 075212
Line **cross test** with light strains. [Poultry] 075202
Line **cross test** with broilers, 1971/1972. 075205
Line **cross tests** for egg laying capacity of 075206
Characteristics of **crossing Triticale** (2n = 077192
analysis of hybrids from **crossing triticale** (077214
utilization in pigs at a simple **utility cross-b-** 074851
properties in pigs at simple **utility cross-bre-** 075179
vavilovii as partner in **valence crossings.** 077059
Crossing wild & cultivated carrots. 077266

CROSSANDRA
Rhizoctonia [salani] stem rot of **Crossandra.** 079015

CROSSBREEDS
Crossbreeding: slaughter swine. 075356
treatment on lactation in **crossbred Bos** indi- 075195
result & carcass value of **crossbred lambs.** 075109

Growth of **piglet crossbred** of various breeds 074765
of productive qualities in **crossbred sheep.** 075436
performances of Nelore & **crossbred steers** f- 074892
of large-scale raising of **young crossbred** & S- 075405

CROSSLINKING
Analysis of a **crosslinked peptide** from calf 074559

CROTALARIA
Sannhemp. [Pigeonpeas, **sunn crotalaria**]. 081208

CROTON
from Maharashtra. [**Croton sparsiflorus**]. 079020

CROWNS
Physiologic specialization of **oat crown** rust 078953
Biology of pathogen of **crown rust** of oats P- 078898
Physiologic races of **crown rust** (Puccinia co- 078949
Effect of **crown shape** on growth, yield & fr- 078740
for obtaining branches from **tree crowns.** 076352

CRUCIFERAE
A taxonomic revision of physaria (**Cruciferae**) 076684
Use of some **cruciferous crops** as forage (rev- 078524

CRUSHING
bruising & midrib **crushing characteristics.** 078540

CRUSTACEA
albifrons) ischiosetosa (**Crustacea, Isopoda**). 080189
ecdysis of various **Crustacea Isopoda.** 080324
species from Greece (**Crustacea, Isopoda**). [080638

CRYOGENIC
Cryogenic & conventional freezing of chicken 074072
Cryogenic technology in artificial imseminat- 075440

CRYPTOCOCCOSIS
Intraocular cryptococcosis in a dog. 075892

CRYPTOCOCCUS
commercial bird feeds. II. **Cryptococcus spp** 074356

CRYPTOGAMIA
Some **cryptogamic diseases** of fruit trees. 078912

CRYPTOMERIA
structure of "sugi", **Cryptomeria japonica** D 078246

CRYPTORCHIDISM
of steers & **induced cryptorchids.** 075307

CRYPTOSTIGMATA
Acarina: **Cryptostigmata, Gymnodamaeidae**) 080271

CRYSTALLINE
properties & **crystallinity** of **cellulose.** 076572

CRYSTALLITE
of degree of **crystallite orientation** in native 074221

CRYSTALLIZATION
Automation of **crystallization process** applied 074211

CRYSTALLOIDS
Protein crystalloids in stroma of bean plast- 078154

CRYSTALS
Large **ferredoxin crystals** from a blue-green 077539

CTENOCEPHALIDES
fleas. [Stomoxys **calcitrans, Ctenocephalides** 079943
A rare outbreak of **Ctenocephalides felis** ori- 080013
larval nourishment of **Ctenocephalides felis** 080458

CTENOPHTHALMUS
Ctenophthalmus (Medictenophthalmus) rus- 080642

CTENUCHIDAE
moth Syntomeida epilais Walk. (**Ctenuchidae:** 079845

CUCUMBERS
on methods of deheading of **cucumbers** (Cuc- 078013
weed control in carrots, **cucumber, cabbage** 079458
Mechanization of pickling **cucumber culture** 080886
Cucumber diseases. 079284
high & stable yields in **greenhouse cucumber** 078691
relation to transmission of **cucumber mosaic** 079171
mesophyll protoplasts by **cucumber mosaic** v- 079200
relation to transmission of **cucumber mosaic** 079713
Two spontaneous **cucumber mutants** of part- 077223
of ethephon on **cucumber** for **processing.** 078048
Spearating **cucumber seeds** in an electrostat- 078192
for variability in **cucumber** for **tolerance** to 079605
on nucleohistones in **cucumber** & **wheat** roots 079599

CUCUMIS
of deheading of cucumbers (**Cucumis sativus** 078013

CUCURBITACEAE
of vegetable & **cucurbitaceous crops** of Kura 079230
metabolism in phloem of **Cucurbita pepo** L. 078139

CULEX
Descriptions of two new species of **Culex** (L- 080573
at two constant temperatures. [**Aedes, Culex** 080039
infection in vero cell cultures. [**Aedes, Culex** 080246
at two constant temperatures. [**Aedes, Culex** 080443
in development of eggs in **Culex fatigans.** 080250
of Gambusia affinis & **immature Culex** tarsal- 079958
Protein spectra of **mosquitoes Culex** pipiens 080203
research in Florida. [**Culex nigripalpus,** Aed- 080034
pastures. [Aedes **nigromaculis, Culex** tarsalis 079966
pastures. [Aedes **nigromaculis, Culex** tarsalis 079967
analogue for control of **Culex pipiens** quinq- 079968
of Anopheles gambiae & **Culex pipiens** fatig- 080004
of ovarian development in **Culex pipiens** pip- 080317
of caged organophosphorus-**resistant Culex** t- 079962
larval Aedes nigromaculis & **Culex tarsalis.** 079961

CULICIDAE
Microsporidia, Nosematidae) on **Culicidae** 079946
of ten mosquito species (Diptera: **Culicidae**) 080039
form Papuan subregion (Diptera: **Culicidae**) 080573

CULICOIDES
species of biting midges of **genus Culicoides** 080587
species of biting midges of **genus Culicoides** 080588

CULINARY
SEE COOKERY

CULISETA
temperatures. [Aedes, **Culex, Culiseta**]. 080039

CULTIVARS
Syria: Creation of a tolerant **cultivar Alep** I 078955
on early bearing of vigorous **apple cultivars** 078743
free Golden Delicious type **apple cultivars.** 078832
Evaluation of highbush **blueberry cultivars.** 078682
Forage & oleaginous **cereal cultivars** obtain- 078371
also potential **commercial cultivars** of mango 078595
sheets on growth of red **currant cultivar** "R- 078746
different number of buds on **grape cultivar** 078612
among strains of tobacco **cultivar Hicks** illu- 078478
relative growth rates of six **lettuce cultivars** 077995
oleaginous cereal **cultivars obtained** in Manf- 078371
Reaction of **onion cultivars** to Botrytis [cine- 079054
of some more important **peach cultivars.** 078068
of "Bonita" & "Ventura" **peach cultivars** on 078734
diameter & yield of Bartlett **pear cultivar.** 081550
on yield & fruit quality of some **pear cultiva-s.** 078741
Prunus cerasifera Rhrh. & **cultivar Pozegaca** 078065
in some important **prune cultivars.** 078064
T on fruit size of pozegaca **prune cultivar.** 078073
influenced by irrigation **schedule, cultivar** & 078261
variability within a **single cultivar.** 078478
mold resistance to Japanese **tobacco cultiva-s.** 077035
content of flue-cured **tobacco cultivars** (Nico- 077812
among strains of **tobacco cultivar** Hicks illu- 078478
mold resistance to Japanese **tobacco cultiva-s.** 078933
in Syria: Creation of a **tolerant cultivar** Alep 078955
of selected west-German **wheat cultivars** in 077170
Effect of training system & **cultivar** on **yield** 078069

CULTIVATION
Betula verrucosa on peat. [**Cultivation**]. 076395
hay mulch, frequent mowing & **cultivation.** 078681
Springtime in garden. [**Cultivation**]. 078761
Strawberry barrel. [**Cultivation**]. 078858
must adapt to new techniques of **cultivation** 078446
to herbicides, mulch, mowing, & **cultivation.** 078867
Specific variety-**adjusted cultivation** in inten- 078309
Cultivation of **African** violets (Saintpaulia s- 078852
Information on **cultivation** of **Aleppo** pine (076385
Cultivation of **American** sweetgum (Liquida- 078864
Soil science & plant **cultivation aspects** of r- 081320
Effect of **autumn cultivations** on emergence 079430
Banana cultivation on hydromorphic soils in 078686
Sugar **beet cultivation** in England today. 078585
from low manual work **beet cultivation** after 078312
Cultivation of **Canada** hemlock (Tsuga cana- 078861
Crossing wild & **cultivated carrots.** 077266
Citrus cultivation in Georgia (USSR). 078684
of principal species of **citrus cultivated** in C- 079812
Clean cultivation & establishment of Pinus 076354
Cultivation of **Cox's** Orange Pippin. [Apples 078688
accurate planting of **cultivated crops.** [Corn, 078561
Cultivation of **eastern** redbud. [Cercis canad- 078849
up of soil in use of **cultivating equipment.** 080849
Cultivation of **European** spruce. [Picea]. 076372
Cultivation experiences with lettuce. 078719
Cultivation of **field** peas. 078755
fauna on surface of **cultivated fields** after he- 079549
Water-shield **flame cultivation** for cotton & 079517
Cultivation of **genipap.** [Rubiace]. 078724
Cultivated grass & price of feed cakes. [Dai- 078254
of several species of **grasses cultivated** for f- 078376
after-**cultivation** with low or no **input** of ma- 078708
New alfalfa varieties for **irrigated cultivation** 078512
Using liquid manure on **irrigated cultivated** 081526
Cultivation of **Japanese** pachysandra (Pachy- 078850
Cultivation of **larch** trees out of its range of 076366
changes in soil density of **cultivated layer.** 081273
growing. 2. Cabbage & **lettuce cultivation** & 078675
Experiments on **cultivation** of **lucerne-grass** 078576
to study of strawberry **cultivation method.** 078744
fertilization **& cultivation methods** in cereal 078319
Assertion of progressive **cultivation methods** 078417
Effect of preplanting **cultivations, mulching** 078265
Cultivation of **Norway** spruce (Picea abies). 078862
food produocts of vegetable **origin cultivated** 073915
plant tumour tissue of viral **origin cultivated** 079166
of agrophytecenosis of **cultivated pasture.** 076875
manure on irrigated **cultivated pasture** on M- 081526
Peas--cultivation. 078760
Cultivation of **pineapple.** 078723
Soil science & **plant cultivation** aspects of r- 081320
Aspects of **plant cultivation** & soil physics in 081565
potassium in nutrition of **cultivated plants.** 077563
Nematodes--pests of **cultivated plants.** 079395
plains. V. Effect of **preplanting cultivations,** 078265
Assertion of **progressive cultivation** methods 078417
Cultivation & quality features of summer w- 074122
in diatom Detonula sp. **cultivated** in **red** lig- 077338
Studies on factors of **cultivation relating** to 078353
of Erysimum canescens **Roth, cultivated** in 077585
Cultivation of **serviceberry,** (Amelanchier ca- 078863
of plant nematodes in **cultivated soil:** length 079307
of developing implements for **soil cultivation** 080828
On contribution to **soil cultivation** in modern 081551
Machines for **cultivation** of **Solonets** soils of 080964
Cultivation of **sourwood** (Oxydendrum arbo- 078865
Karyotypes of some **cultivated species** of ge- 076907
on sterile agar & **cultivation** of **straw** mushr- 078870
to study of **strawberry cultivation** method. 078744
30 Years of **cultivating sugar** beets in Swed- 078528
Cultivation of **sugar** maple (Acer saccharum) 078851
on growth of & yields of **sunflower cultivated** 078458
Cultivation of **sweet** cherries with special c- 078704
Measures of preparation & **cultivation taken** 081532
cost, quality, & **cultivation techniques.** 078315
in wild relatives of **cultivated tomato:** water 078000
Control of **cultivation & trade** of nursery pr- 078757
of annual weeds in **cultivated & undisturbed** 079482
Field **vegetable cultivation** from view of ma- 073179
regeneration abilities in **cultivated** in **vitro** t- 077096
studies with Rhizobia of **cultivated & wild** t- 081208

CULTURES
fragile & Dicranidion inaequalis in **culture.** 076914
of marine diatomaceous algae in **cultures.** 077472
a development for livestock? [**Culture**]. 078536
Triticale returning to scene. [**Culture**]. 078538
Truffle: Its ecology. [**Culture**]. 078618
method of breeding by **anther culture** in tob- 077031
method of breeding by **anther culture** in tob- 077032
Future of **apple culture.** 073438
of tissues of avocado in **aseptic culture.** [Pr- 078646
Stoneville wide-**bed cultural** systems. [Cott- 078439
of manual labor-saving sugar **beet culture** in 072876
Bromegrass. [**Bromus, culture**]. 078443
Tests of **callus culture** with leaves of Cassia 077619
Zea mays: methods for diploid **callus culture** 077692
dioxide evolution in tobacco **callus cultures.** 077836
mosaic virus from tobacco **callus cultures** th- 079164
virus on glasshouse **carnation cultures** in ce- 079172
coronaviruses: co-infection of **cell cultures** w- 075619
of Eimeria zuernii in **cell cultures.** [Cattle]. 075696
of mammalian (hamster) **cell culture** to infe- 075809
light microscopy of infected **cell cultures.** 075836
DDT in human embryonic lung **cell cultures** 080098
of continuous infection in vero **cell cultures.** 080246
of chick retinal pigment **cells cultured** in vit- 074694
microscopic observations of **cultured cells** & 076891
profile from point of view **cereal culture.** 078302
Plant protection in **cereal culture** of tomorr- 079339
Soil tillage in **cereal culture.** 081533
agents in vegetable **culture--chemicals** for c- 079815
red clover & prospects of red **clover culture** 077116
nov. Sp. Morphology & **comparative culture** 076614
Species characteristics & **culture condition** 078062
Effect of **cultural conditions** on combining a- 077244
grown under various **cultural conditions.** 077781
medium component for **container culture** of 078831
old agricultural land. [**Cultural control**]. 079307
Mechanization of pickling **cucumber culture** 080886
Tall fescue. [Festuca **elatior, culture**]. 078445
Influence of **cultural & environmental** factors 077804
exhibition for greenhouse **culture equipment** 080786
Azaleas & **Erica culture** in Germany. 078834
Experimental culture of Lathyrus sylvestris. 077827
Phaeophyceae-Fucales: **Culture experiments** 077413
with durum wheat--**culture experiments** in s- 078338
growth & metabolsim of **cultured explants** of 078140
for growth studies in **forestry cultures** after 076245
On choosing a substrate for soil-**free culture** 078803
of a programmed integral **fruit culture,** based 078638
ground preparation. [**Fruit culture**]. 081572
Cultural & genetic techniques used for impr- 078496
Mechanization of **grape culture** in hilly areas 073093
Decline of **grape culture** in Etna region. 073439
Greening of terrace slopes. [**Grape culture**]. 078820
activity of sandy substrates. [**Grapes, culture**] 078804
of stratification of grafts. [**Grapes, culture**] 078810
economic aspects of **greenhouse culture.** 078690

a new exhibition for **greenhouse culture** equ- 080786
dioxide fertilization in **greenhouse culture.** 081390
delicious" apple tree in **hydroponic culture.** 077994
Hydroponic culture of grafted grape seedlin- 078808
Hydroponic culture of grape seedlings in Fr- 078814
ryegrass & Italian ryegrass. [**Lolium, culture**] 078432
Problems of grain **maize culture.** 078300
Symposium on mango & **mango culture,** New 078586
Mango culture in Florida. 078591
as well as concentration of **culture measures** 078297
Effect of various **cultural measures** on yield 078299
as well as concentration of **culture measures** 081613
Tissue **culture method** for bovine mammary 074659
Picea sitchensis in **mixed culture** on sandy s- 076360
Analysis of progress in **mushroom culture** y- 078654
of development of grape **nursery culture.** 078801
Grape **nursery culture** on an industrialized 078813
What is future of **olive culture.** 073528
Town & countryside: **cultural originality** or 072696
assay, fusion kinetics & **cultural parameters** 077456
prior to mitosis in **cultured pea** root cortex 077989
Culture of **peaches** for industrial uses in Sici- 078735
Effect of **phytoplankton culture** on germinat- 077661
Present situation of **pineapple culture** in H- 078683
of protein synthesis in **cultured plant** cell su- 077350
to improve irrigated forage **plant culture** in 078581
specialization in medicinal **plant culture.** 078882
Production in **culture** of **plant** growth regula- 078988
leaf lupine for feed. [Forage **plants, culture**] 078513
in Gu; Machines for forage **plants culture.** 080973
Peaches in **culture** under **plastic.** 078738
Association for **Poplar Culture** of Cartiere R- 076353
Marketing aspects of **potato culture.** 073178
application to early **potato cultured** under fo- 079490
Influence of **cultural practice,** environment 077808
of climatic factors & **cultural practices** on fo- 078296
Sorghim **cultural practices** & varietal enviro- 078488
Effect of some **cultural practices** on yields of 078497
Cultural practices for control of Verticillium 079108
chickens of corn invaded by a **pure culture** of 076135
grasses cultivated for fodder in **pure culture** 078376
Culture & results of planting oak on sites fit 076363
of applying fertilizers to **rice culture.** 073056
Treasure of marshes. [**Rice culture**]. 078494
mechanization in year 1980 in **rice culture.** 080976
of Sierozem soils as affected by **rice culture** 081038
Excised **root cultures** of lupine (Lupinus an- 076878
tissues & possibility of year-**round culture** of 078800
of fallowing obtained with skip-**row culture** 078994
Significance, breeding & **seed culture** of red 077118
Potentilla erecta (L.) Raeusch. [**Seed culture**] 078433
Improvements needed in corn **seed culture.** 078508
Improving alfalfa **seed culture.** 078510
On regionalizing & **seed culture** of mustard 078886
cotton floral virescence): **Selective culture** of 079162
sandy substrate. [Grapes, **soilless culture**]. 078805
A unit for **soilless culture** of grape seedlings 078806
in a hydroponic substrate. [**Soilless culture**] 078807
of grafted grape seedlings. [**Soilless culture**] 078808
grape seedlings in France. [**Soilless culture**] 078814
Sorghim cultural practices & varietal enviro- 078488
Soybean culture in Switzerland, crop of futu- 078348
Culture of **spring** wheat instead of winter w- 079034
accumulation of alkaloids in **culture** of **stem** 077576
roots & embryos in leaf & **stem cultures** of 078100
Morphology & comparative **culture studies.** 076614
in cattle: a histological & **cultural study.** [075731
Pests & diseases in **culture** of **sugar** beets. 079338
Profitability of **sunflower culture** in agricult- 073047
hemicellulose of cell **suspension cultures** of 076963
from illuminated cell **suspension cultures** of 078116
nucleotide synthesis in **synchronous cultures** 077543
Stoneville wide-bed **cultural systems.** [Cott- 078439
A **microculture technique** for chick leukocyt- 074597
Tissue culture method for bovine mammary 074659
reproduction in different **tissue cultures.** 075674
avian malaria in Japan. III. **Tissue culture** of 075734
of saponins, extracted from **tissue culture** of 077583
Fruits, flowers, leaves at will. [**Tissue culture**] 077589
differentiation in flax **tissue culture:** Phenol- 077710
Tissue culture of tobacco cells in tank. 077713
system (bonuses) in **tobacco culture.** 073046
Overseas agriculture: **Tomato culture** in Cali- 078673
of cereals against lodging. [**Varieties, culture**] 078560
rice plants grown under **various cultural** con- 077781
Effect of **various cultural** measures on yield 078299
of herbicide residues in **vegetable culture.** 079463
Plant protection agents in **vegetable culture-** 079815
Use of growth inhibitors in **wheat culture.** 077819
Results with durum **wheat--culture** experim- 078338
of progress in mushroom **culture yesterday,** 078654

CURATIVES

Curative interventions for excessive permeab- 075514

CURCULIONIDAE

in Mongolia. 282. **Curculionidae, Cleoninae,** 080487
species of Lixini (**Coleoptera, Curculionidae**) 080470
Taimyr Peninsula (**Coleoptera, Apionidae**). 080656

CURING

cured vs freeze dried during **curing.** 074223
increased in tobacco leaves during **curing.** 077733
Automatic curing of bright leaf tobacco. 074131
Effect of light on **curing** of **Burley** tobacco. 074226
bright leaf tobacco. I. **Conventionally cured** 074223
Electron microscopy of **cured & fermented** c- 074227
Drive to increase **flue-cured** production. [To- 073347
analysis of oxidative browning in **flue-cured** 074225
root rot & black shank resistant **flue-cured** 077034
estimates of seed production in **flue-cured** t- 077239
Differences in chloride content of **flue-cured** 077812
of aluminium & manganese on **flue-cured** to- 077901
flower stages on yield & value of **flue-cured** 077924
at three rates on yield & price of **flue-cured** 077930
Mechanical harvesting of **flue-cured** tobacco. 078540
control & topping methods on **flue-cured** to- 078541
Brown sopt damage & **flue-cured** tobacco qu- 079089
root rot & black shank resistant **flue-cured** 079254
of deep fumigation on yield of **flue-cured** to- 079393
on weed control, yield & value of **flue-cured** 079573
mineral nitrogen fertilization of **flue-cured** t- 081508
physical characteristics & color of **cured leaf** 079089
Punjab & Haryana--how **cured & measures** 081639
dimethylnitrosamine in **cured meat** products 073573
Official variety test on **mild cured** tobaccos, 078280
reducing addition of nitrate & **nitrite curing** 073606
of tobacco. II. Effects on **curing process** & s- 074096
Drive to increase flue-**cured production.** [To- 073347
addition of nitrate & nitrite **curing salt** to 073606
on some characteristics of **slue-cured** tobacco 080129
High **speed curing** of meat products by smo- 074009
modified by various **curing techniques.** 074163
modified by various **curing techniques.** 074167
content & composition of **cured tobacco.** 074166
A comparison of elements in **cured tobacco** 074172
of oxidative browning in flue-**cured tobacco.** 074225
black shank resistant flue-**cured tobacco** var- 077034
of seed production in flue-**cured tobacco.** [B- 077239
in chloride content of flue-**cured tobacco** cul- 077812
manganese on flue-**cured tobacco** seedlings. 077901
on yield & value of flue-**cured tobacco.** 077924
rates on yield & price of flue-**cured tobacco** 077930
Mechanical harvesting of flue-**cured tobacco.** 078540
topping methods on flue-**cured tobacco** prod- 078541
Brown sopt damage & flue-**cured tobacco** qu- 079089
black shank resistant flue-**cured tobacco** var- 079254
crop losses in flue-**cured tobacco** in Ontario 079316
fumigation on yield of flue-**cured tobacco** in 079393
on some characteristics of slue-**cured tobacco** 080129
nitrogen fertilization of flue-**cured tobacco.** 081508
control, yield & value of flue-**cured tobacco.** 079573
Official variety test on mild **cured tobaccos,** 078280
tabacco material modified by **various curing** 074163
tobacco material modified by **various curing** 074167
leaf tobacco. I. Conventionally **cured** vs free- 074223

CURRANTS

Diseases & pests of **currants.** 079286
of roots of mother bushes of **black currants** 076983
sheets on growth of red **currant cultivar** "R- 078746
of virus infections of **currant & gooseberry.** 079167
control in fruit-tree & **currant plantations.** 079460

CURRENTS

plants: a summary of **current concepts.** 077145
Current efforts of food & drug administration 073586
Methodical problems of **current estimates** of 073772
A survey of **current practices** in liquor analy- 076510
Current problems of cereal research; a scien- 078294
Current problems of fertilizer use. 081452
Rumen stimulatory factor **research--current** 074916
Current therapy for fits. [Dogs, diseases, in- 076153

CURRICULUM

survey of changes in **veterinary curriculum.** 075554

CURVULARIA

varieties & hybrids **against Curvularia.** 079019
ophiuroides, Rhizoctonia **solani, Curvularia**] 078974

CUSTOMERS

Spain--a thriving **commercial customer.** 073362
of centralizing service of **customer** in **state** f- 072950

CUSTOMS

Custom feeding contracts. 072845
Tractor **custom hire** services in multiple crop 072798

CUTANEOUS

dermal blood flow **& cutaneous temperature** 074547

CUTEREBRA

route of borfly larvae, **cuterebra grisea** (Dip- 079997

CUTICULAR

Studies on **acarine cuticles.** I. Cuticular por- 080227
between fume resistance **& cuticular waxes** 078241

CUTTERS

A new incubation system for **leaf-cutter bees** 080259
What made Australian **cane cutter** so durable 080803
relating to movement of **cutters group** prod- 078353
Line-throwing gun **& cutter** for **obtaining** br- 076352

CUTTINGS

composition of orchard grass with **cutting.** 077789
on rootage of Mangifera indica L. **cuttings.** 077983
cherry (Prunus mahaleb L.) by **cuttings.** 078747
Horizontal planting of green **ash cuttings** lo- 076406
Cut cotton insecticide costs with integrated 079745
relationship to rooting of **Dahlia cuttings.** 078098
Effect of **cutting date** on digestibility & inta- 074856
Development of forage **cutting equipment.** 080864
of Norway spruce & Douglas **fir cuttings.** [P- 078213
on response of plum **hardwood cuttings** to I- 078056
What it costs in time & money to **cut hay.** 073060
Cutting height effects on competitive ability 078620
of equipment with **improvement cutting** in y- 076375
Rooting in **cuttings** of **Mangifera** indica L. 078602
requirements & quality of **cutting** in **mowing** 080913
Root formation in **pea cuttings.** I. Effects of 078104
A mechanical harvester for **stalk-cut** tobacco. 080971
Effect of **cutting & storage** dates of pine sa- 076560
relation to shipment of **sugarcane cuttings** f- 079196
Experiences on sphere of **cutting-technics.** 074011

CUTWORMS

A nonoccluded virus of **army cutworm.** [Eux- 080332
Cutworms--big eaters & big menace to suga- 079744

CYANIDES

Cyanide-insensitive repsiration. II. Control 077767
Cyanide-insensitive respiration. I. steady sta- 078052
XIII. kinetic effect of **cyanide** on **oxidation-** 077381
antogonists KCN [**potassium cyanide**] & poly 077407

CYANOPHYTA

heterocystous blue-green algae. [**Cyanophyta**] 077333
Reparational systems in **Cyanophyta algae--** 077102

CYCLAMEN

Production of **cyclamen flowers--is it profita-** 078697

CYCLE

Adenylate-cyclase **& cyclic** 3':5'-amp [adeno- 078138
Cyclic AMP [Adenosine monophosphate] **&** 077279
D, gibberellin A7, **& cyclic AMP** [adenosine 077442
Biological cycle of "carpocapsa" (Carpocap- 079780
Laboratory study of **biological cycle** of Ana- 080423
Duration of mitotic **cell cycle** in root tip cel- 076943
ribosomal ribonucleic acid during **cell cycle** 077329
enzyme activities during **cell cycle** of eucar- 077397
mosaic mutants in various phases of **cell cyc-e** 077101
Development of a non-**cyclical corpus** luteum 075445
Effects of ahemeral light & **dark cycles** on e- 074741
nicaeense in relation to light & **dark cycles.** 077425
Medicago sativa L.) along **explotation cycle** 077914
Feild studies on **gonotrophic cycle** of Aedes 080349
acid composition during a 24 **hours cycle.** 078080
A re-evaluation of **life cycle** of Eragrostis tr- 076666
On **life cycles** of certain species of marine d- 077472
Genetics & **life cycle** of Verticillium dahliae. 079104
Synchronization of **life cycles** between Callo- 079827
Laboratory investigations on **life-cycle** of Rh- 080016
Synchronization of **life cycles** between Callo- 080362
Ols. (Diptera, Tabanidae) **& its life cycle.** 080379
Life cycle of Ceratixodes putus Pick.-Cambr 080383
On **life cycle** & natural history of Hymenitis 080392
Life cycle & larval growth of Drusus annuat- 080411
rearrangements in G2-stage of **mitotic cycle** 077203
X-ray irradiation in G2-stage of **mitotic cycle.** 077206
of thio-tep in three successive **mitotic cycles** 077212
Cyclic mononucleotide-gibberellin interactio- 077485
Adenosine 3': 5'-**cyclic monophosphate** conc- 077357
Effect of feed level during **oestrous cycle** on 074976
plasma of cows during **oestrous cycle** & in e- 075174
Effect of benzyl alcohol on **oestrous cycle** of 075194
progesterone during **oestrous cycle** in Beagle 075258
Effect of feed level during **oestrous cycle** on 075266
cytology during canine **oestrous cycle.** 075336
malt driers with 2 x 24 hr **operating cycle.** 073882
Role of **cyclic photophosphorylation** in vivo. 077531
various breeds in course of **production cycle** 075032
of cyanide on oxidation-**reduction cycle.** 077381

CYCLOHEXIMIDE

inhibition by **cycloheximide** of **protein** synt- 077350
cycloheximide on **synthesis** of nitrate reduct- 077694

CYCLOPHOSPHAMIDE

Cyclophosphamide (endoxan) metabolism in 074648
sheep by using **cyclophosphamide** on **health** 074813

CYCLOTELLA

Studies on **Cyclotella meneghiniana** Kutz. I- 076938

CYCOCEL

wheat to fertilization as affected by **cycocel** 077747
of some herbicides with **cycocel** in **control** of 079464

CYLINDER

Nitrogen fixation by **Anabaena cylindrica.** I. 077335
fixing blue-green alga **Anabaena cylindrica.** 077544

CYLINDROCARPON
ap. nov. et **Cylindrocarpon tenue**]. 079066

CYLINDROCLADIUM
terashita, **Cylindrocladium lanceolatum**, ap. 079066

CYMBOPOGON
in citronella grass. [**Cymbopogon narus**]. 081505
Proliferation in **Cymbopogon** & its **role** in p- 077745

CYNODON
of three perennial weeds, **Cynodon dacty** lon 078054
sods by overseedings. [**Cynodon dactylon**]. 078535
on golf courses in Texas. [**Cynodon dactylon** 078835
Zoysia japonica, **Cynodon dactylon**]. 079318
tubers of nutsedge. [**Cynodon dactylon**, Sor- 079478
effects of dalapon in **Cynodon dactylon** (L.) 079591
soil salinity. [**Cynodon plectostachyus**]. 077663

CYPERUS
strands of C4 plants. [**Cyperus, Digitaria**]. 077354
dactylon, Sorghum **halepense, Cyperus** rotu- 079478
shoots of nutsedge (**Cyperus rotundus** L.) to 079500
of brown nutsedge (**Cyperus rotundus** L.). 079501
County in 1971 & 1972. [**Cyperus rotundus**] 079567
dacty lon (L.) Pers., **Cyperus rotundus** L. & 078054

CYSTEINE
carbon 13] **cysteine** during **spermatogenesis** 076942

CYSTICERCOSIS
on diagnosis of **cysticercosis** in **cattle** in ind- 075753
Bovine **muscular cysticercosis:** Methods of 075580

CYSTICERCUS
in cyst fluid of **Cysticercus tenuicollis** from 075719

CYSTINE
tryptophan, methionine, & **cystine content** in 081340
Metabolism of **cystine** by **Merino** sheep gen- 074550
Cystine urolithiasis. [Dogs]. 076072

CYSTITIS
from urine of dogs & cats with **cystitis.** 075629

CYSTOSEIRA
development of **Mediterranean Cystoseira** (077413

CYSTS
of a glycoprotein in **cyst fluid** of Cysticercus 075719
vaginae in cows with **follicular cysts.** 076085
A structural comparison of **cyst** & **germ** tube 076973
ridges in spring on potato **cyst-nematode,** H- 079237
Control of potato **cyst-nematode,** Heterodera 079238
Potato **cyst nematode** in Norway. [Heterod- 079292
Relationship between **uterine cysts** & ovarian 076007

CYTISUS
Portugal belonging to **genera Cytisus,** Genis- 077529

CYTOCHEMISTRY
Cytological, cytochemical & haematoligical 075603
Cytological, cytochemical & haematological 075604
Cytological, cytochemical & hematological 075608
Cytological, cytochemical & haematological 075989
Cytological, cytochemical & haematological 075991

CYTOCHROMES
Gene mutations **affecting cytochrome** system 077209
peptide bond in horse **heart cytochrome.** 074623
on respiratory rate, **cytochrome oxidase** acti- 077768
Enzyme activity of **cytochrome system** of egg 080198

CYTOGENETIC
F. et M. hybrids. III. [**Cytogenetics**]. 077097
in Pissodes weevils: **additional cytogenetic** e- 080509
Cytogenetic investigations in hexaploid Trit- 077093
Cytogenetic investigations of hybrids obtain- 077232
Cytogenetics & plant breeding. 077113
of cows in light of **cytogenetic research.** 075310
Cytogenetic studies in Spergularia: vii crypt- 077066
Cytogenetic studies in Spergularia: vIII: Ba- 077067
Europe. Redescription & **cytogenetic study.** 080521
Cytogenetics & taxonomy of genus Globba L 076675

CYTOHISTOLOGY
Cytohistological study of germination in do- 078176

CYTOKININS
Cytokinins in **Populus** x robusta: changes d- 078222
chelating agents & **cytokinins** on **production** 077620
self-incompatibility by **cytokinins treatment** 078010
of leaf senescence by **urea cytokinins** in Ra- 078120
Effects of **cytokinins** in **xylem** sap from app- 078057

CYTOLOGY
A cytological analysis of hybrids from cross- 077214
A overdoses. II. **Cytological & biochemical** 073762
Cytological changes observed in pituitary ce- 075091
Cytological, cytochemical & haematoligical 075603
Cytological, cytochemical & haematological 075604
Cytological, cytochemical & hematological 075608
Cytological, cytochemical & haematological 075989
Cytological, cytochemical & haematological 075991
Improved procedures in **fungal cytology** util- 076995
October 11, 1971). [**Insects, cytology**]. 080459
Cytology of **Podosordaria** leporina. 076913
Cytological studies in a wild indian species 076922
Histological & **cytological study** of a nuclear 080185
Studies on **vaginal cytology** during canine o- 075336

CYTOPATHOLOGY
simplex virus by **cytopathogenic effect** in co- 075674

CYTOPLASM
Changes in **cytoplasmic** & **chloroplast** ribos- 077329
acid] met from **cytoplasm, chloroplasts** & m- 078130
of T cytoplasm with N **cytoplasm corn** hybr- 077238
chloroplast & **cytoplasm** of three **Euglena** g- 077545
chromosomes in **cytoplasm** of **Hordeum** bul- 077040
of "**cytoplasmic** 3-**hydroxybutyrate** dehydro- 074503
between **cytoplasms** & among **inbreds** in ma- 077038
Cytoplasmic influence in specific wheat stem 078948
Effect of type of **cytoplasm** & **level** of backc- 077200
of some T [Texas]-type **cytoplasmic male** st- 077250
with sterile forms on **cytoplasm** of **Nicotiana** 077088
region & origin of **cytoplasmic nucleoloids** in 078155
On a **cytoplasmic polyhedrosis** of smaller tea 080356
into chloroplastic & **cytoplasmic proteins** by 077734
by wheat-seedling **cytoplasmic ribosomes.** 077708
in absence of **cytoplasmic streaming.** [Oats, 077881
by chloroplast & **cytoplasmic wheat**-leaf rib- 077707

CYTOTAXONOMY
Cytotaxonomy of **Bombyliidae** (Diptera). 080507
Cytotaxonomic & **chorological** notes on Ach- 076755
Cytotaxonomical discussion of genus Salix. 076724
Cytotaxonomic study of Vicia cracca compl- 076670
Contribution to **cytotaxonomic study** of Salv- 076776

CYTOTOXIC
Effect of **antireticular cytotoxic** serum (ACS 075986
to kinetic analysis of **cytotoxic effects.** [Garl- 076897

DACTYLIS
production in orchard grass sward. [**Dactylis**] 077788
of orchard grass with cutting. [**Dactylis**]. 077789
amount of dry matter production. [**Dactylis**] 077794
moderately winter hardy. [**Dactylis**]. 078331
composed mainly by orchard grass. [**Dactylis** 074990
on yield & quality of orchardgrass. [**Dactylis** 081499
adapted to French meadow: **Dactylis anf** tall 078307
value. [Alopecurus **arundinaceus, Dactylis** gl- 079042
population density. [Iadino **clover, Dactylis**] 079723
practices on hilly terrain. [**Corn, Dactylis** g- 078260
with alfalfa. [Bromus inermis, **Dactylis** glo- 081524
of cocksfoot (**Dactylis glomerata** L.) from s- 076846
Phleum pratense, **Dactylis glomerata,** Festu- 077645
level exemplified by **Dactylis glomerata,** Fes- 077798
grass or red fescue. [**Dactylis glomerata,** Fe- 078479
on hilly terrain. [Corn, **Dactylis glomerata,** 079417
orchardgrass. [**Dactylis glomerata,** Poa prat- 079606
level exemplified by **Dactylis glomerata,** Fes- 081415
in orchardgrass sward. [**Dactylis, harvesting,** 078400

DACUS
control of oriental fruitfly, **Dacus dorsalis** 079821
organs of females of **Dacus oleae** (Diptera, 079764
to diet on fecundity of **Dacus oleae** Gmel. (080182

DAHLIAS
of cotton selections to verticillium [**dahliae**] 079016
relationship to rooting of **Dahlia cuttings.** 078098
cotton wilt pathogen. [**Verticillium dahliae**] 079096
Genetics & life cycle of **Verticillium dahliae.** 079104

DAIRY
Data processing equipment in **dairy:** dairy of 073960
eighth annual meeting of **American Dairy** S- 073948
system on MSCPV Nitra. [**Dairy barns**]. 074376
cattle housing in Hungary. [**Dairy barns**]. 074469
Calves for **dairy beef.** 074390
colostral globulins by newborn **dairy calves.** 074803
weight gain of grazing **dairy calves.** 074989
milk production in Siberia. [**Dairy cattle**]. 072970
of increasing milk production. [**Dairy cattle**] 072978
keeping track of a large herd. [**Dairy cattle**] 074404
Dairy cattle maintenance in Dutch farms: 074420
production in winter half-year. [**Dairy cattle** 074458
Dairy cattle housing in Hungary. [Dairy ba- 074469
in northern region of Pechora. [**Dairy cattle** 074484
nitrogen additions to silages for **dairy cattle** 074920
Nutritive requirements for **dairy cattle.** 074929
Feed rations for **dairy cattle** during winter f- 074935
Hormone supplies in feeding **dairy cattle.** 074937
Local by-products as feeds for **dairy cattle.** I 074940
supplement while on pasture. [**Dairy cattle**] 074944
in intensive milk production. [**Dairy cattle,** 074947
Studies on intensive grazing of **dairy cattle.** 074988
Studies on intensive grazing of **dairy cattle.** 074989
Protein for **dairy cattle.** 074997
Dairy cattle rearing on field cropand grassl- 075012
cobs from hot air dried grass to **dairy cattle** 075015
of bull mothers & bulls in **dairy cattle** breed- 075189
Dairy cattle hybrid is " good one". 075240
to improve fertility of **dairy cattle.** 075294
Breeding work with **dairy cattle** from gene 075366
of mutability & heritability of **dairy cattle** t- 075420
an area of intensive raising of **dairy cattle.** 075557
grass & price of feed cakes. [**Dairy cattle**]. 078254
Flies soon will be bugging you! [**Dairy cattle**] 079996
Methods of housing for **dairy cattle.** 080702
Economical building types for **dairy cattle** h- 080703
Dairy cattle manure liquid: Solid separation 081810
in liquid handling of **dairy cattle** manure. 081826
feeding in industrialized **dairy complexes.** 075162
accumulation on a selected **dairy corral** & its 081813
Feeding **dairy cow** in winter. 074841
Feeding of **dairy cow** & its effects on qualita- 075093
Advice on **dairy cow** feeding. 075111
of reproductive status in **dairy cow.** 075257
process & rumen digestion of **dairy cows.** 074369
of cattle production--feeding of **dairy cows** & 074453
insulin & growth hormone in **dairy cows;** di- 074504
Observations on behaviour of **dairy cows** gr- 074573
process & rumen digestion of **dairy cows.** 074842
production & feed utilization in **dairy cows** 074962
for determining digestibility. [**Dairy cows,** f- 074964
rate of eating during a meal in **dairy cows.** 074984
Cheaper & easier to feed **dairy cows** a comp- 075009
body measurements of **dairy cows.** [Czech R- 075331
automation in feeding **dairy cows.** 080926
of cattle production--feeding of **dairy cows** & 080965
Bos indicus & Bos taurus, **crossbred dairy** c- 075195
of industrial crossing of **dairy, dairy-meat** & 075415
Position of **Dutch dairy** industry. [Commerce 073287
milking: A problem? [**Dairy equipment**]. 080970
canary discoloration in Awassi **dairy ewes.** 074638
New York **dairy farm** management; business 072779
summary of 15 months of a **dairy farm** supe- 075512
an important feature of **dairy farming.** 072937
Forage & grain programs for **dairy farms** wi- 072908
conveying of manure on **dairy farms.** [Costs] 073100
Specialization in **dairy, fattening** or rearing 074423
Cheaper & easier to **feed dairy** cows a comp- 075009
Feeding dairy cow in winter. 074841
Hormone supplies in **feeding dairy** cattle. 074937
Mechanization & automation in **feeding dai-y** 080926
Sales of **fluid dairy** products in four Tennes- 073312
equipment in dairy: **dairy of future?** 073960
German dairy industry with different chanc- 073488
intake & weight gain of **grazing dairy** calves 074989
Layout & equipment for **handling dairy** & s- 080998
to next paddock on behavior of **dairy heifer** 074991
Method, an important DHI [**Dairy herd** im- 074375
A **dairy herd** health programme; summary of 075512
abortion in a New South Wales **dairy herd.** 075646
Dairy herd environment & control of mastit- 075910
Basic results of studies on **improving dairy** 075410
staff with facilities of **industrialised dairy** pr- 075494
of cow feeding in **industrialized dairy** compl- 075162
of Economic Community. [**Dairy industry**]. 073277
Position of Dutch **dairy industry.** [Commerce 073287
Future prospects for **dairy industry** in USA 073417
Trends & needs in **dairy industry.** 073473
Rationalizing without effect? [**Dairy industry,** 073487
German **dairy industry** with different chanc- 073488
State of **dairy industry** in South Africa. 073507
Realism & patching up. [**Dairy industry**]. 073522
of world trip: Europe. V. [**Dairy industry**]. 073941
Trends & needs in **dairy industry.** 073947
Economic analysis of **dairies** in **James** Craik 073052
income for analyses of **dairy management** te- 072899
income for analyses of **dairy management** te- 072900
considerations in **dairy manure** management 072979
On situation in **dairy market.** 073180
of industrial crossing of dairy, **dairy-meat** & 075415
of colostral globulins by **newborn dairy** calv- 074803
facilities of industrialised **dairy production.** 075494
Sales of fluid **dairy products** in four Tennes- 073312
standards of perfection for **dairy products,** p- 073590
State Control Office for **Dairy Products.** [I- 073649
concerning butter & related **dairy products.** 073954
annual meeting of American **Dairy Schience** 073948
important bacteria in **dairy science.** 073935
Waste accumulation on a **selected dairy** cor- 081813
of goats to a cooperative **summer dairy** in 072926
Working conditions in **dairy units.** 074468
dublin abortion in a New South **Wales dairy** 075646
New **York dairy** farm management; business 072779
cattle breeding. Selection of **dairy young** bul- 075189

DAIRYING
Profitable dairying in Ontario dependent on 073957
Changing technology in **UK dairying.** 073970

DAIRYMEN
base plan for milk & **dairymen's opinions** of 073454
change for **Wisconsin dairyman.** [Lactation 074375

DALAPON
Physiological effects of **dalapon** in **Cynodon** 079591

DALBERGIA
SEE LEGUMINOSAE

DALLISGRASS
Control of **dallisgrass** (Paspalum dilatatum) 079588

DAMS
of normal & dwarf progeny from **dwarf dams** 075317
before & first year after **flooding dam** lake at 080500
Predicted quality of J. G. **Strijdom Dam** wa- 081668

DANDELIONS
Control of **dandelion** (Taraxacum officinale) 079581
variation in flowering of **common dandelion.** 077614

DATA
methodologies for **data acquisition** in water 081743
New **data** on **adventitious** of Moscow Region 076715
Better decisions with **automatic data** handli- 072929
An analysis of **data** on **Azaouak** & Rahaji ca- 075343
of geobotanical & **biogeochemical data** by di- 076848
field research project. II. **Data collected** fr- 078644
caliper a new technique of **data collection** in 076279
by means of electronic **data computer.** 075463
Recent **data concerning** use of sugar in ani- 075077
Some new **data concerning** plastoquinones. 078025
Some new **data concerning** pest control in s- 079738
New **data** on **Echinopanax** elatum Nakai. 076712
Some **data** on **ecology** of mire vegetation. 076831
New **data** on **effect** of population density on 077452
by means of **electronic data** computer. 075463
concerning application of **electronic data** pr 076302
Purdue **forest data** processing service progr- 076263
A technically simple way of **giving data** for 075463
decisions with automatic **data handling.** 072929
Histophysiological data on mineral & puric 080192
treated cotton fields based on **human data.** I 080049
Data to **knowledge** of natural foodplants of 079667
actuality of management book's **data lines.** 076313
About some new **data** in **positive** law. [Lives- 073504
concerning application of electronic **data pr** 076302
Data processing equipment in dairy: dairy of 073960
Possible use of **data processing** equipment in 074040
Purdue forest **data processing** service progr- 076263
Some **recent data** on structure, synthesis & 074620
Recent data concerning use of sugar in ani- 075077
choice in quantity of **reference data.** 074312
An analysis of **data** on **Sokoto** Gudali cattle 075342
Data on **study** of dendrophilic aphids (Hom- 080480
Scoring of taste **test data** on computer cards 073737
New **data** on **virus** causing cancer. [Livestock 075885

DATING
On spring **aftergrowing dates** of nemoral pl- 077464
Influence of different **application dates** & he- 079409
Dosage & **application dates** for nitrogen fert- 081286
in relation to forms & **application dates** of 081406
Effect of **cutting date** on digestibility & inta- 074856
Bromeliaceae for use at **defined dates** in Ho- 078712
fruits & seeds harvested at **different dates.** 078262
Effect of temperature on **flowering date** in a- 078182
Food dating: shoppers' reactions & impact 073327
Effect of **harvesting dates** & ripening condit- 078505
Effects of **harvesting dates** in fiber yield & 078531
Proso **millet date** of planting & tolerance to 079616
On **dates** of **onset** of immunity to leptospiro- 075969
Testing different methods & **planting dates** 078563
lowveld in relation to **date** of **sowing.** 2. Gr- 078167
Influence of **sowing dates** & rate on growth, 078375
Effect of cutting & **storage dates** of pine sa- 076560
Effect of **storage dates** & other factors on s- 078885
Effect of cutting & **storage dates** of pine sa- 079100
How to be an up-to-**date strawberry** produc- 078848
Effects of nitrogen rates & **dates** of **vine** kill- 081331

DATURA
virus X multiplication in **Datura stramonium** 079201

DAUCUS
of cultured explants of **Daucus carota.** Vc. E- 078140
studies with carrots (**Daucus carota** L.) & o- 079469

DAUGHTER
of breeding bull's **daughters** with **herd** comp- 075187

DDT
on apparent cometabolism of **DDT.** 079644
DDT: a word in its defense. 080112
Diversity in soil fungi as influenced by **DDT** 080113
Forest protection & ban on **applying DDT.** 076181
Dietary **calcium DDT** source & age of hen 075325
content of laying hens or pullets **fed DDT** in 075061
content of laying hens or pullets **fed DDT** in 080128
Metabolism of **DDT** in **human** embryonic lu- 080098
DDT & immunological responses. I. Serum 076111
DDT & immunological responses. II. Altered 076112
of chlorine-36 ring-**labeled DDT**-residues in 080047
analysis of lindane & **DDt residual** concentr- 080124
on depletion of **DDT residues** from laying h- 074721
on depletion of **DDT residues** from laying h- 080125
DDT residues in marine phytoplankton. 080133
for determining TDE & **DDT** in **tobacco.** 080139

DEACIDIFICATION
in course of **deacidification** of **rapeseed** oil. 074203

DEATH
activity of Escherichia coli from **calves dead** 075854
Post **mortem changes** in skeletal musculature 073993
Induction of **embryonic death** in sheep by in- 075263
in Ghana. 1, preand post-**emergence deaths** 078979
remains. V. anatomical view of a **dead horse** 074682
An investigation into **death** of **Misaki** horse 074681
Death in **Picea** excelsa at Gallio (Asiago, It- 078989
of control with regard to **dying**-off of **pines** 076211
of sown grassland. I. On **death** of **slender** pl- 078400
Spontaneous death as a result of mucormyc- 075855
Mechanisms of its infection to **dead twigs.** 079076

DEBARKING
piling of logs & their **mechanical debarking.** 076459

DEBRIS
thrown pole woods--handling **logging debris** 076465

DECARBOXYLATION
Decarboxylation of **aromatic** amino acids-1- 081220
of carboxylation & **decarboxylation enzymes** 077354
dependent **pyruvate decarboxylation** in nitr- 077544

DECAY
crack formation in stored pine wood [**Decay** 076460
photometry of forestand **agricultural decay** 081057
Laboratory tests of **natural decay** resistance 076544
of microfungi on **decaying Setaria** glauca Be- 076810
hexosamine content of wood **tissue decayed** 081217

DECIDUOUS
on production relations of **deciduous forests** 078216
Enamel hypoplasia of **deciduous incisor** teeth 076108
herb layer plants in **deciduous Tilio-Carpine-** 076812
Deciduous wings in crickets: a new basis for 080393
L.) leaf litter in two **deciduous woodland** soi- 081160
L.) leaf litter in two **deciduous woodland** soi- 081161

DECOMPOSITION
small pieces on rate of its **decomposition.** [081288
as an index of **decomposition** in **crabmeat.** 073571
of soil cover on **decomposition** of **forest** litter 081261
A **spectral decomposition** of slaughter steer 073337
Breakdown & **decomposition** of **sweet** chest- 081160
Breakdown & **decomposition** of **sweet** chest- 081161
Decomposition of **triazine** herbicides. 079552
Role of bacteria in **wood decomposition.** 079143

DECORATION
Decorative Malus. 078766

DEER
A modification of slanting **deer fence.** [Range 078396
Profitability of **deer, sheep** & cattle compar- 073005
catarrhal fever in captive white-**tailed deer** in 075664

DEFENSE
DDT: a word in its **defense.** 080112
Specific changes in **defensive behavior** of cats 074511
Wasps as a **defense mechanism** of katydids. 080175

DEFIBRATION
processes of **mechanical defibration** of wood, 076557
Defibration of **wood** by use of a white-rot fu- 076517

DEFICIENCY
chicks with vitamin A **deficiency & antigen** 075609
of eggs from hens fed a **calcium deficient** diet 075062
Calcium deficiency in cauliflower: Disease s- 079294
Studies on **copper deficiency** of citrus. I. di- 079252
A note on **copper deficiency** symptons of s- 079268
eggs from hens fed a calcium **deficient diet** 075062
associated with **deficiency** of these **elements.** 075031
Influrence of **insulin deficiency** on phosphor- 074713
Deficiency in **magnesium** of "Golden delicio- 077994
Manganese deficiency in ruminants. 4. influ- 076006
DCMU) & of [Musci] **manganese deficiency** 077488
of vegetable crop. 1. **Manganese deficiency** 079340
in ruminants. **Manganese deficiency** stimula- 076005
Nutritional deficiency symptoms of sugarca- 081328
Influence of **proline deficiency** on enzymes 076049
development in progeny of **protein-deficient** 074975
in testes of adult vitamin A **deficient rats** du- 074862
in progeny of protein-**deficient rats.** 074975
in testes of adult vitamin A **deficient rats** du- 076004
A new description of **riboflavin deficiency** s- 076047
copper in **spontaneous deficiency** & in selen- 076019
ruminants. Manganese **deficiency stimulated** 076005
Nutritional **deficiency symptoms** of sugarca- 081328
A note on copper **deficiency symptons** of s- 079268
description of riboflavin **deficiency syndrome** 076047
A relationship between **zinc deficiency** & pe- 079195

DEFICITS
Disorders due to **copper deficit** in sheep & 075020

DEFOLIANTS
of olives: how to reduce costs. [**Defoliants**]. 078756

DEFOLIATION
Defoliation of **rootstocks** & young fruit trees 078749

DEFORMATION
of maize leaves at **chloroplasts deformation** 077900

DEGENERATION
Degeneration of "rurality" under urbanizati- 072661

DEGRADATION
Some effects of beta **amylolytic degradation** 074339
of transfer factors in **bacterial degradation** of 079547
retardation of **cellulose degradation** during 076541
Microbial versus **chemical degradation** of m- 080102
Enzymatic degradation of cell walls by phy- 078909
potato tubers. II. Lipid-**degrading enzymes** 074289
higher plants. VII. **Degradation mechanism** 077733
Microbial degradation of several acetamide, 080136
Oxidative degradation of phenolic lignin mo- 076538
Parathion degradation in submerged rice soi- 080096
fractionation. I. **Selective degradation** & se- 075208
on enzymatic **starch degradation** of barley 074338
Specific **xylanolytic degradation** of delignifi- 076477

DEHYDRATION
caused by air-drying & **alcohol dehydration** 076926
Resistance to **dehydration** of **Gladiolus** as a 078086

DEHYDROASCORBIC
acid or [1-14C] **dehydroascorbic acid.** [Hum- 073759

DEHYDROGENASES
naphthaleneacetic **acid dehydrogenase**] & 077352
plants. 4. Glutamate **dehydrogenase acitvity** 077781
Distribution of lactic **dehydrogenase activity** 075330
Inhibition of **dehydrogenase activity** in soil. 081212
chloride] assay of **dehydrogenase activity** in 081222
acids & steroids by **alcohol dehydrogenase.** 074557
Correlation between **alcohol dehydrogenase** 080430
Localization of **dehydrogenases** of **energy** m- 078139
NADP-linked **glutamate dehydrogenase.** 077462
phosphate-specific **glutamate dehydrogenase** 077532
Control of **glutamate dehydrogenase** from P- 078113
of alpha-**glycerophosphate dehydrogenase** in 080427
hydroxybutyrate dehydrogenase" from sheep 074503
of **hydroxysteroid dehydrogenases** in maxill- 074666
oic acids by **ketoaldehyde dehydrogenase** of 074669
phosphokinase & **lactic dehydrogenase** in ra- 074585
beta-hydroxysters **oid dehydrogenases** in ma- 074630
glyceraldehyde-3-**phosphate dehydrogenase** 077622
D-glyceraldehyde-3-**phosphate dehydrogenase** 078137
phosphogluconate dehydrogenase. I. Purifica- 077436
phosphogluconate dehydrogenase. II. Prope- 077437

DELIGNIFICATION
Delignification of **high**-yield southern pine s- 076528

DELPHACIDAE
in Denmark (**Hemiptera, Delphacidae**). 080551

DEMATIACEAE
Apple scab. [**Fusicladium dendriticum,** Vent- 079069
remarks of fungi from **Dematiaceae family** o- 079101
of tomato leaf mould. [**Cladosporium fulvum** 078980
of timothy leaf spot **fungus, Cladosporium** p- 078999

DENATURATION
certain additives on **heat denaturation** of tu- 074067
effects on chromatin **thermal denaturation.** 078112

DENDROCTONUS
of mountain pine **beetle, Dendroctonus** pon- 079890
beetles. [Picea **engelmanni, Dendroctonus** ru- 079888
pine beetle. [**Dendroctonus frontalis,** Pinus 079889

DENDROLOGY
Dendrochronology of **bristlecone** pine (Pinus 076616

DENDROPHILIC
Data on study of **dendrophilic aphids** (Hom- 080480

DENITRIFICATION
Studies on **denitrification** in south **Indian** so- 081141

DENS
behaviour of caterpillars Scotia **segetum Den.** 080202

DENSITOMETRY
of Digitalis purpurea by **direct densitometry** 078148

DENSITY
Effect of **bulk density** & aggregate size on 077753
water holding capacity & **bulk density** of soil 081113
chlorophyll assays & optical **film densities.** 077674
Some analytical results on **larva density** of 079892
Optical **density measurements** in canine tibi- 074796
Comparison of **density** of **nuclear** pores on v- 076925
Optical density measurements in canine tibi- 074796

Systematic **dense packaging** of oranges. 074280
Dependence of corn yield on **plant density** 078279
Effects of **plant density** on growth, develop- 078340
Relations between **plant density,** yield & st- 078466
Dependence of corn yield on **plant density** 081321
Study on **pla nting density** of inbred maize l- 078482
Effect of **planting density** on apple yields. 078750
Increasing **planting density** of potatoes. 078752
of spring barley relative to **planting density** 081293
New data on effect of **population density** on 077452
Relationship between **population densities** of 079316
Fluctuation in **population density** of false m- 079722
Fluctuation in **population density** of false m- 079723
measurement of **population densities** with st- 079987
at different levels of its **population density.** 080463
response of predators to **prey density.** [Tetr- 079824
method of measuring **soil density.** 081105
Model studies on changes in **soil density** of 081273
Density of **stomata** in leaves of different eco- 076927
Systematic dense packaging of oranges. 074280
Effects of **density & timing** of removal on in- 077762
by insects in areas of high **traffic density.** 080243
Relations between plant **density, yield** & st- 078466

DENTAL
Formation of **dental system** of Artiodactyla 074685

DEOXYRIBONUCLEIC
Characterization of **deoxyribonucleic acid** s- 077858
Deoxyribonucleic acid homology groups am- 079128
onset of activity from **deoxyribonucleic acid** 077866
characterization of **amplified DNA** in oocyt- 080220
Chromosome size & **DNA content** in three 076961
DNA in Acheta. III. release of **DNA copies** 080274
Occurrence of two forms of **DNA-dependent** 078110
of a mutagenic action of **heterologous DNA** 077221
of homologous & **heterologous DNA** during 077695
avian embryos by RNA-**DNA hybridization.** 075958
attachment of RNA to pulse-**labeled DNA** in 077351
DNA metabolism in germinating embryos of 077627
Amplification of **ribosomal DNA** in Acheta. 080275
Antigen-**stimulated DNA** synthesis in bursa 074509
effect of some inhibitors of **dna synthesis** on 077083
Inhibition of **DNA synthesis** by sulfite in ro- 077401

DEPLETION
hyperthyroidism on **depletion** of **DDT** resid- 074721
by transinhibition & by **inositol depletion.** 077328
Tissue **residue depletion** of sulfaquinoxaline 075725
as related to soil **water depletion** & meteoro- 077650

DEPRECIATION
Estimating depreciation & income for analy- 072899
Estimating depreciation & income for analy- 072900

DEPRESSION
of necrosis on appearance of **depression** in F 077233
to compensate for early **growth depression.** 074722
Inbreeding depression in an old experiment- 076367
conditions in Quibor **Depression, Lara** State 081016
Depression of **quarter** milk yield caused by 075643

DEPRIVATION
pyrophosphates on **larvae deprived** of food 080177

DERIVATIVES
oxidation of n-alkanes & their **derivatives.** 077422
acids from n-alkanes & their **derivatives.** 077423
of some **derivatives** of **benzimidazole.** 079496
as their 2,4-dinitrophenyl **ether derivatives.** 073582
Pollution & **genetic derivative.** [Animals]. 075227
Schreb. (2n=42) **hybrid derivatives.** 077077
Isolation of seco-**iridoide derivatives** of Ant- 077517
to bovine PPD [purified **protein derivative**] 075651
bovine PPD [purified **protein derivative**] tu- 075870
including fibre-**reactive derivatives.** [Wool]. 073684
activity of some **siderochrome derivatives.** [077347

DERMACENTOR
SEE IXODIDAE

DERMANYSSIDAE
Dermanyssus gallinae eradication on poultry 080015

DERMAPTERA
Notes on grammar of names in **Dermaptera** 080628

DERMATITIS
treatment of inhalant **allergic dermatitis** wi- 075896
in treatment of **canine dermatitis.** 075891

DERMATOLOGY
on equine carpus. 1. Effects of **dermal blood** 074547

DERMATOMYCOSIS
Dermatomycosis in fur-**bearing** animals. [Ch- 075668
Treatment of **dermatomycosis** in **dog** & cat. 075673

DERMATOPHILUS
SEE SARCOPSYLLIDAE

DERMESTIDAE
spoiling enzymes of **Dermestes lardarius** (L. 079936
Dermestidae of **Wisconsin,** primarily as rep- 080650

DEROCERAS
habits of gray field slug, **Deroceras laeve.** [079809

DESALINATION
Desalinization process. [Water resources]. 081609
recognizing externalities in **water desalting** 081730

DESATURATION
of copper on stearic **acid desaturation** & fat- 074952

DESERTS
of lightand dark-adapted eyes of **desert ants,** 080352
from Mojave & Great **Basin Deserts.** 076781
a cattle feedlot in southern **California desert** 073002
Neartic **desert Decticidae** (Orthoptera). II. 080558
Process of turning into **desert** in **dry** tropical 076813
in ruminants in a typical semi-**desert region** 075685
fate in soils of Ily Taukum **sandy desert.** 081170

DESICCATION
Possible **aerial desiccation** of rice crop with 078480
Chemical desiccation experiments with hard 077659
Research on causes of **desiccation** of **plums** 079325
Desiccation as **related** to two-stage harvesti- 078453
Effects of **desiccation & submergence** on via- 079478

DESMODIUM
pubescens, **Desmodium leiocarpum).** 078342

DESORPTION
Field desorption mass spectrometry of pesti- 080085

DESSERTS
gum, bubble gum & sugarless **chewing sweets.** 073825
gum, bubble gum & sugarless **chewing sweets.** 073826

DETECTION
to expect when you use heat **detection aids.** 075244
Detection of **alkaloids** & quantitative determ- 078215
Detection of **atmospheric** pollutants at parts 081772
Detection of **latent** Fusarium in Gladiolus c- 078996
Detection of **mitotic** instability in sugarcane 077236
Detection of **naturally** fluorescent pesticides 080099
Studies on **oestrus detection** & course of est- 075364
airborne optical system for **detection** of **oil** 081847
Views on **detection & selection** of sources for 078946
Detection of **turmeric** in foods by rapid fluo- 073574
endosperm: inability to **detect** a **unique** deo- 077858
Detection of **Verticillium** in soil. 079105

DETERGENTS
Damage to forest by **detergent dust** (W-dust 076223

DETERIORATION
billet size on rate of **sugarcane deterioration** 074086
a potential control for **deterioration** of **wood** 076526

DEVELOPING
Ways of **developing breeding** of spring wheat 077023
Developing Christmas trees for South Carol- 076346
industries in **developing countries.** 073383
of protein sources in **developing countries.** [073743
Technique of **developing implements** for soil 080828
Experience gained in **developing** an **industry** 075362
Fine structure of **developing merosporangia** 076899
Developing methods for using antibiotics & 075151
Developing methods for improving existing 075416
non-cellulosic glucans in **developing oat** plant 077878
infectivity of Theileria **parva developing** in i- 075795
Developing of a **primary** hexaploid Triticale 077257
Studies on **developing qualtiy** of Satsuma m- 078174
Developing recipes for full-ration mixed fee- 075149
Developing recommendations for using nitro- 075146
of starch biosynthesis in **developing rice** see- 077896
lipogenic capacity in **developing swine.** 074536
protein patterns in **developing tobacco** horn- 080321
composition of proteins in **developing wheat** 077752

DEVELOPMENT
Agricultural diversification & **development.** 072795
of agricultural implements in **development.** 072851
decade of providing food for **development.** 073435
with different chances for **development.** 073488
fast chicken muscles during **development.** 074616
vulgaris L. at various stages of **development** 076947
two boron levels. I. Growth & **development** 077666
at different stages of its **development.** 077725
shoot in relation to growth & **development.** 077978
effects of antibiotics on **development.** 078121
Leeks--growth & **development.** 078714
science & further trends in its **development** 081529
in agriculture prognosis of **development** by 073411
Development of **activity** of long chain fatty 077931
antibacterial agents on **development** of **acute** 075632
Pfalz: Further **development adapted** perman- 073398
Development of **agricultural** cooperation in 072927
alternatives for **agricultural development: e-** 072966
Forecast of **agricultural development** & fore- 073446
perspectives of **agricultural development** in 073469
Forecast of **agricultural development** & fore- 076196
Development of **agricultural** mechanization. 080799
Role of youth in **development** of **agriculture** 072668
policy & **development** of **agriculture** between 073434
Development of **agriculture** in Russian SFSR 073467
Development & aims of feed industry in cen- 074358
implications of **alternative development** stra- 073550
Development of **analytical** procedures for de- 081865
Development of **animal** production & world 073395
density on **development** of **annual** plants. 077452
Mortality, **antibody development,** & viral pe- 075620
temperature for **development** of **Apanteles** c- 080360
physical properties on **development** of **apple** 078149
Origin & **development** of **aspen** root suckers 076916
Development of 1972/73 **Austrian** agricultu- 073387
Development of **autosexing** silkwork breeds 080672
Development of **bacterial** wilt, black root rot 077034
regions of new economic **development--basic** 072756
observations on **development** of **Brugia** pah- 080434
Development of **calculations** for greenhouse 080769
Program for **development** of **cattle** rearing f- 072786
Cell growth & **cell development.** 076966
intake on kidney **cellular development** in pr- 074975
State & prospects of **development** of **cereals** 077149
of cotyledons on **development** of **cherry** emb- 077006
History of **development & classification** of 080808
on degree of **development & composition** of 076560
Government of Peru **concerning development** 076249
Contributions **concerning development** & ma- 078188
Mastitis **control-- development** of a simple 075982
Development of **cooperation** in field of seed 073470
of cooperative in **cooperative development** of 072864
Development of a non-**cyclical** corpus luteum 075445
constants for **development** of **diamond**-back 080358
Differential development of Brugia pahangi 080005
Development of **digestive** function in piglet. 074808
Proteins & **development** in a **dioecious** plant 077623
minerals & on **development** of **disorders** ass- 075031
an instrument for **development** of **dualistic** e- 073082
of root growth during **early development** of 077938
Development & ecology of Raphidiopsis me- 076872
of regions of new **economic development--ba-** 072756
of differences in **economic development** of s- 072952
Optimum temperature for **egg development** 075709
endocrine activity in **development** of **eggs** in 080250
Development of **Eimeria** zuernii in cell cult- 075696
chicken eggs on **embryonic development.** 074728
Development of a new **empirical** minimum t- 072677
Biology of **development** of **Erysimum** canesc- 077585
on conifers. I. **Development & experimental** 079907
projects with **extended development** periods 081744
Trends in **development** of **farm** tractors. 080907
on rate of **development, fecundity** & longevi- 079717
of host nutrition on **development** of **female** t- 079999
Outlook for **development** of **fertilizers** prod- 081458
Muscle **fiber development** in cattle during g- 074587
Trends of **development** in **field** tomato prod- 078706
Some problems on **development** of **floodplain** 081567
Development of **foliage** of grapes depending 078015
Development of **forage** cutting equipment. 080864
Development & foramtion of ovaries in wor- 080287
Development & formation of ovary in worke- 080288
VI. Hormonal control of **fruit development** 077974
in Rhineland-Pfalz: **Further development** ad- 073398
Thoughts on **further development** of long-te- 076257
Further development in testing & controlling 080843
of wood block **further development** of produ- 076301
of cereals with regard to **future development** 074209
of X-irradiation on **development & genotype** 077085
Results & tasks of **development** of **grape** nu- 078801
Professionally related **growth development** 072633
More information for **growth development** 072728
manlutrition on **development & growth** of rat 074970
silo plants. 1. **Growth, development** & chem- 077681
chloride on **growth development** & winteriza- 077890
of plant density on **growth, development** & 078340
dates & rate on **growth, development** & yield 078375
of temperature on **growth, development** & r- 079311
chloride (CCC) on **growth, development** & p- 077755
chloride (CCC) on **growth, development** & p- 077756
Rate of growth & **development** of **Heracleum** 077465
Development of **herbicides:** Weeds, a loss of 079445
Ascorbic acid & **heterocyst development** in 077481
Genetics & **development** of **higher** plants: a 077145
Soviet Union in **development** of **Hungarian** 073460
sheep, iI. **Development** of some **immunity** p- 075798
Development of **improved** vegetable seed c- 080959
II. effect of a steroid--**induced development** 075225
for 1973 in **development** of an **industry**-like 075361
variation during **development** of **insect** Cerat- 080260
On **development** of **intensive** plans in Germ- 073421
Development of **inter** farm relations in state 072879
a basis for **development** of **Isis.** 072729
on growth & **development** of **kohlrabi** (Brass- 078012
Land development planning. 072735
Land development, an integral part of inten- 072742
Prognosis for **development** of **land** improve- 081543
Development of **landed** structures: Balance 072762
L.) at different stages of **larval development** 080232
lending for **livestock development.** 073139

Sorghum: a **development** for **livestock?** [Cul- 078536
Development of **logging** productivity, 1950/ 076319
Development of **Maine's** new forest taxation 076285
fertilizer placement on **maize development** 078266
Water-utility **manager development.** 081599
Soviet Union in **development & manufacture** 072808
of plywood **manufacture development** in Cze- 076443
Soviet Union in **development & manufacture** 080818
Future production & **market development** in 073393
Development of **material**-technical bases for 080736
Plant **materials development** by Soil Conser- 081542
breed groups & **development** of **measures** for 075417
Forecasting of **development** of **mechanization** 080890
Growth & **development** of **Mediterranean** C- 077413
early ovule **development, megasporogenesis,** 076893
Notable advances in **development** of **mercury-** 080123
analogues on **development & metabolic** activ- 080319
Development of **mineral** fertilizer production 081301
studies on **development** of **mitochondria** in 078121
Development of **mixed** feed industry. [Costs 073021
nitrosourea on growth & **development** of **Ml** 078152
Development & morphology of growth plates 074782
pole concept to **development** of **national** cap- 073540
following & its **development** in **neotropical** 080396
as a factor limiting **normal development** of 078014
Ontogenic development of thyroid gland in 074497
Tax subsidies for **orchard development:** who 073137
temperature of **ovarian development** in Culex 080317
of underfeeding upon **development** of **ovaries** 074759
Development of new **overhead** irrigation equ- 080884
for study of early **ovule development,** megas- 076893
Development of **ovule** & female gametophyte 076921
Development of **owner's** capital in agricultu- 073065
inorganic iron on **development** of **oxidative** 073652
Influence of order in **development** of **panicle** 077169
relationship between **development** of **parasite** 079827
citrus black spot & **perithecial development** 079083
concerning **philogenetic development** of corn 077153
Four year **development plan** for Tanzania. 073449
Development of a **plan** of study: an interage- 081736
Land **development planning.** 072735
Development of **plant** protection research in 079361
Trends in **development** of **plant** production 080908
Trends of **development** of **plant** production 080918
Trends in **development** of **planting** equipment 080889
on dynamics of **development** of some **plants:** 077594
chloride] upon **plastid development.** [Cats, 077883
trends in animal **porduction development** up 073519
Development & present situation in product- 073309
of recent erosion **process development.** 081559
activities in **development** of **production** wor- 072642
of prognosis of crop **production development** 073505
On way to potato **production development.** 078846
Development of **productive** qualities in cros- 075436
implementation of **development programme** 072695
Some factors **promoting development** of pot- 078771
Development of **Pulex** irritans L., 1758 und- 080378
Development of **rabbit** visual cortex: late ap- 074790
Possibilities for **development** of **raising** of h- 074396
Temperature **regulation development** in bob- 074758
Development of **rendering** forests accessible 076420
Institute for **Development** of **Renewable** Na- 073781
A **research development** service for new pro- 073249
in Israel **research, development** & applicati- 080893
private water **resource development:** analysis 081720
of private water **resource development** in ag- 081757
obtained with **development** of **rollable** irriga- 080847
Land use & **rural development.** 072772
Rural development--a movement whose time 073396
movement & **rural development.** [U.S.]. 073553
avenae. I. Dynamics of **development** of **rust** 078898
Development of a **scientific** basis for interbr- 075411
Ideas on **development** of **scientific** discipline 075496
on germination & **seedling development** of b- 077661
A research **development service** for new pro- 073249
on course & control of **sexual development** of 075225
on course & control of **sexual development** of 075226
content of testis during **sexual development** 075444
of all reserves for **development** of **sheep** rais- 072827
Development of **Sitophilus** zeamais Motsch. 079929
Development of **slaughter** cattle production 073465
Stages in **development** of **state** farms & cost 072951
of alternative **development strategies** for Na- 073550
Growth & **development** of **strawberry** from 077990
Development of **suitable** seed potatoes. 078770
implications for **development** of **suitable** sal- 080222
Development of **sweet** cherry production in 078701
Perspectives of **technical development** of for- 076306
Development tendencies of social economic 072785
Thyroxine & **development** of **tibia** in embry- 074540
growth & **development** of **tobacco.** 077658
Tracing development of veterinary services 075467
Problems in **development** of **tractors** produc- 080920
Preparing concepts of **development trends** in 076440
An **unbelievable development:** New grandifl- 078788
of farm work. 3. **Development** of **unmanned** 080855
Development of **vegetable** production under 078695
Development of **vegetation** in eutrophic & l- 076858
Development of **vegetation** & soils at Pic du 076873
Genetic control of **development** in **Volvox:** i- 077140
water-table & **development** of **waterlogging** 081631
Effects of **watershed development** on water 081600
Lithuania. 6. Growth & **development** of **wild** 077307
Four **year development** plan for Tanzania. 073449
Rapeseed: **development & yield** potential. 078275
phosphorus on **development** of **young** hens of 075068
Comparative study in **development** of **Zebu** 074896

DEVIATION
rams & boars by penis & **prepuce deviation.** 075393

DEXTRAN
of intramuscular injections of **iron-dextran** 075699

DIABETES
Canine diabetes mellitus. 076074

DIABROTICA
in Michigan. [**Diabrotica longicornis,** d. Virg- 079733

DIAGNOSIS
On **diagnosing adenovirus** infection in cattle 075928
of Fasciola hepatica ofr **allergic diagnosis;** p- 075672
Morphological & **anatomical diagnostic** feat- 076968
of methods for **diagnosing ascariasis** in swine 075944
of antiglobulin test in **diagnosis** of **bovine** br- 075835
for blood testing for **diagnosis** of **bovine** ly- 075987
Complex diagnostics, a condition for more e- 075532
Diagnosis & control of virus infections of cu- 079167
Diagnosis & control of boron efficiency in g- 079223
investigation on **diagnosis** of **cysticercosis** in 075753
conflict in pigs. II. **Detailed diagnostic** exa- 075752
Differential diagnosis of diarrhea in piglets. 075667
On **differential diagnosis** of polydipsia in dog 076027
Manual **early diagnosis** & therapy of hip dy- 076067
Early diagnosis in cereal breeding. 077055
genotypes & possible **early diagnosis.** [Oats] 077718
On problem of **early diagnosis** of yield capa- 078543
On **diagnosis, epizootiology,** & control of tr- 075762
in pigs. II. Detailed **diagnostic examination** 075752
anatomical **diagnostic features** of fruits of se- 076968
symptoms of sugarcane. [**Foliar diagnosis**]. 081328
Methods of **immunological diagnosis.** 075580
of milking cows. I. **Laboratory diagnosis,** lis- 075750
Laboratory diagnosis of transmissible gastro- 075904
cows. I. Laboratory **diagnosis, listing** & seas- 075750
Diagnosis of **mineral** nutrition of Larix sibir- 079879
in London, N.W.1. With a **diagnostic note** & 080536
broilers. Clinical & **pathological diagnosis.** 075748
in horse: a **diagnostic perspective.** 076087
infection. 1. A **rapid diagnostic** staining met- 075805
channel automated system for **sero-diagnosis** 075908
Serologic diagnosis of toxoplasmosis & prev- 075631
Diagnostic significance of use of allergens (075856
infection. 1. A rapid **diagnostic staining** met- 075805
Diagnosing Sumithion poisoning of poultry. 076166
blue 4-r as an aid in **diagnosis** of **swine** dyse- 075995
forestry: **Diagnosis & tendencies.** 073387
Diagnosis of **tuberculosis** in cattle with spec- 075651
Marek's disease, & their **diagnostic value.** [075884
Diagnostic value of E.E.G. [Electro-encepha- 076080
Diagnostic value & limitations of an electro- 076081

DIALLELS
of oil & protein content in a **diallel cross** of 077037

DIALYSIS
effects of dilution rate & **continuous dialysis** 074650
secretion. I. **Electrophoresis, dialysis** & pro- 075327

DIAMMONIUM
Urea & **diammonium citrate** for laying hens. 075048

DIAMONDS
constants for development of **diamond-back** 080358

DIANTHUS
Labor requirements, **Dianthus caryophyllus**] 072921
M2--M3). [**Dianthus caryophyllus**]. 077021
production. [**Dianthus caryophyllus**]. 078696
quantitative [**dianthus caryophyllus**] estimat- 078907
in central Poland. [**Dianthus caryophyllus**]. 079172

DIAPAUSE
on winter survival & **diapausing behaviour** of 079843
Isolation of **diapause hormone** from silkworn 080675
hormone mimetics affecting **insect diapause.** 080298
Voltinism, diapause & sex-ratio of Chrysopa 080181

DIAPORTHE
its infection to dead twigs. [**Diaporthe citri**] 079076

DIARRHEA
coli from calves dead of **diarrhea.** 075854
against Erchericia **coli diarrhoea** in pigs. 075878
Differential diagnosis of **diarrhea** in **piglets.** 075667
responses during bovine **viral diarrhea** virus 075615

DIATOMACEOUS
certain species of marine **diatomaceous algae** 077472

DIATOMS
modifications in **diatom Detonula** sp. cultiva- 077338
Diatoms of **streams** of eastern Connecticut. 076645

DIATRAEA
corn borer. [**Diatraea grandiosella**]. 079704

DIAZINON
Isolation of Dursban & **diazinon** from **milk.** 073695

DIBROMIDE
to hot aqueous ethylene **dibromide dips.** 073561
with methyl bromide & **ethylene dibromide** 073633

DICAMBA
Residual effects of **banvel** 3 on **crested** whea- 079452
phytotoxicity of **dicamba residues** in water. 079485

DICHLOROPHENOXYACETATE
Effect of 2,4-**dichlorophenoxyacetic acid** tre- 077495
control, 2, 4-**dichlorophenoxyacetic acid.** 079596

DICHLOROPHENYL
Compared effects of 3-(3,4-**dichlorophenyl**)-1 077488
of herbicide n-(3,4-**dichlorophenyl**) methacry- 079481
DCMU [1,1-dimethyl-3-(3,4-**dichlorophenyl**) 079534

DICHLOROPROPENES
Effects of D-D, **Telone** or **dazomet** applied 079237

DICHLORVOS
human health hazards on use of **dichlorvos** 080131
Acute toxicity of **dichlorvos** in **dog:** 1. Clini- 076113
Acute toxicity of **dichlorvos** in **dog:** 2. Patho- 076114
hazards on use of **dichlorvos, especially** in r- 080132

DICTYOSTELIUM
slime mould **Dictyostelium discoideum.** 077357

DIDYMIUM
heterothallic slime mould **Didymium iridis.** 077456
heterothallic slime mould **Didymium iridis.** 077457

DIEBACK
elm disease control. [**Dieback, Ceratocystis** 078990

DIELDRIN
of C[carbon]-**dieldrin** in **susceptible** & resist- 079925

DIELECTRIC
relationship between **dielectric properties** & 076572

DIESEL
plough & specific consumption of **Diesel oil** 080999

DIETHYL
N-**hydroxynaphthalimide diethyl** phosphate 076126
Dursban (0,0-**diethyl** 0-3, 5, 6-**trichloro**-2-py- 076140

DIETHYLSTILBESTROL
Importance of **stilbestrol** in **sow** infertility t- 076050
infection in **diethylstilbestrol treated** chicke- 075676

DIETS
on phospholipid metabolism. [**Diet**]. 073786
effects of pond condition, storage, & **diet.** 073845
broilers at various tryptophan levels in **diet** 074809
Effect of **dietary amino** acids on size & alary 080315
Effect of **dietary animal** tallow & vegetable 075049
Walker, bred on a semi-**artificial diet.** 079721
urolithiasis in dogs fed an **atherogenic diet.** 076058
Thiamine in 1970 **Australian diet** with speci- 073758
chicks. I. Standard protein & **basal diet.** 074987
flavour-imparting additives in **broiler diets.** 075001
fed DDT in high or low **calcium diets.** 075061
Dietary calcium DDT source & age of hen 075325
fed DDT in high or low **calcium diets.** 080128
Dietary carbohydrate: triglyceride interrelat- 073747
from plant feedstuffs in **diets** for **chickens.** 075069
on intake & utilization of **diets containing** l- 074959
eggs from hens fed a calcium **deficient diet** 075062
quail in response to three **different dietary** 075043
Dietetic education programs for pre-school 073717
Influence of **dietary energy** source on perfo- 075063
Selenium--an **essential dietary** supplement f- 074921
Effect of **dietary fat** & storage temperature 074071
of a change of source of **dietary fat** on fatty 074726
of yeast hydrolysate to **diet** on **fecundity** of 080182
soybeans in growing & **finishing diets** for la- 074902
Interaction of **dietary fluoride** & magnesium 074968
Pollen, a **dietetic food.** 073774
from feeding cow: with a purified **diet free** f- 074925
chicks fed sesame meal-**gelatin diets** at three 075057
to three different **dietary goitrogens.** 075043
of low protein & skip-a-day **grower diets** on 075055
Sugar consumption & a **healthy diet.** 073780
of safflower oil in **diet** on **hydrogenation** of 074981
levels of free gossypol in **layer diets** as influ- 075040
of sulfur amino acids in **layer diets** with sod- 075047
on effect of different types of **dietary lipids** 074633
boys to two levels of **dietary magnesium** & 073711
boys to two levels of **dietary magnesium** & 073712
Effects of **dietary manipulation** on adipose t- 074973
Metabolic consequences of **dietary medium-** 074967
Problems in **diets** & **nutrition.** 073782

Effect of endotoxin & **dietary phosphorus** on 075689
processed soybeans in baby **pig diets.** 074957
Tribolium spp. on 20 natural **product diets.** 079923
Dietary protein quality in infants & children 073709
of swine with different levels of **protein diet** 074051
medium chain triglycerides & **dietary protein** 074974
of hydrocarbon yeast as **dietary protein** sou- 074986
Effect of forced feeding & of **dietary protein** 075053
of swine with different levels of **protein diet** 075141
milk from feeding cow: with a **purified diet** f- 074925
evaluation of **diets** based on **recommended** a- 073753
Effect of **diet** on **response** to juvenile hormo- 080251
Diet & rumenitis. [Cattle]. 076073
metabolism at rest: efects of **diets & season** 074607
littoralis Boisd. on a **semiartificial diet.** 079755
Saturated fat in **diet & serum** cholesterol co- 073713
Selenium--an essential **dietary supplement** f- 074921
Effect of **dietary supplement** of stearic acid 074983
Dietetic training '73. 073731
Perosis of chicks on **diet** with **unbalanced** e- 076026
Effect of **diet & weaning** age on in vitro lip- 074966
hen manure into **diet** of **young** chicks. 075067

DIFFRACTION
Electron diffraction measurement of degree 074221

DIFFUSION
Theory of extraction in **diffusers.** [Sugar ma- 074157
Diffusible & extractable gibberellins in bean 078103
analogical system for **investigating diffusion** 081051
nitrogen in sugar beet & in **diffusion juice** ii 074175
Inhibition of darkening of **diffused juices.** [074159
On **diffusion** of **larval** oesophagostomiasis (075880
of luorine in plants by **diffusion method.** 077367

DIGESTION
for chicks. 2. Amino **acid digestibility** studies 075065
feeds on activity of **cattle digestive** tract. 074833
of distillers feeds on **cellulose digestion** in e- 074914
chromic oxide for **determining digestibility.** 074964
Digestibility of **elephantgrass** (Pennisetum 075083
study of an **enzymatic digestion** method for 073576
Development of **digestive function** in piglet. 074808
of cutting date on **digestibility & intake** of i- 074856
Rapid micro **Kjeldahl digestion** of cereal gra- 074085
Digestion of **lactose** & problems concerning 073757
of feed by sheep. VII. **digestion** of a **medium** 074867
study of an enzymatic **digestion method** for 073576
Digestion of **nutrients** by cattle as related to 074849
Digestibility of **processed** feedlot manure (C- 074900
enzymes associated with **digestion, protein** 075053
Proteolytic digestion of proteins of milk fat 074564
on ensiling process & **rumen digestion** of dai- 074369
acid composition & **digestibility** for **sheep.** [074979
value of potato; **digestibility studies** with pi- 074978
chicks. 2. Amino acid **digestibility studies.** 075065
feeds on activity of cattle **digestive tract.** 074833
Evaluation of **digestibility** of **treated** proteins 075000
Triglyceride digestion & absorption in locust 080200
resonance spectra of **digested & undigested** 074980
Digestibility & utilization of nutrients by w- 074822
In **vitro digestibility** & carbohydrate compos- 077686

DIGGING
Digging of **land** improvement ditches by me- 081544

DIGITAL
Digital computer for determining odulus of 076570

DIGITALIS
quotient] intervals to **digitalis glycosides** in 075452
in dogs without use of **digitalis glycosides.** 076086
of cardenolides in **Digitalis lanata.** [Drug pl- 077497
Evaluation of **Digitalis purpurea** by direct d- 078148

DIGITARIA
strands of C4 plants. [**Cyperus, Digitaria**]. 077354
a confinement period. [**Digitaria decumbens,** 074896
forag e grasses. [**Digitaria decumbens,** Penn- 077664
composition of **Digitaria decumbens** & Setar- 077686
Andropogon gayanus, **Digitaria decumbens,** 078342
forag e grasses. [**Digitaria decumbens,** Penn- 079416
crus galli (L.) **Digitaria sanguinalis** (Scop.) 076861

DIGLYCERIDES
of acyl galactosyl **diglyceride-forming** enzy- 078198

DIHYDROXYBENZENES
Effect of **dihydroxybenzenes** & N-**quinone** on 078092

DIKES
capacity of grass swards in some **sea dikes** of 081588

DILUTION
spermatozoa frozen in a tris-based **diluent.** 075196
of boar semen with Beltsville F3 **diluent.** 075442
An **indicator-dilution** method for studying in- 074519
simple method for obtaining **undiluted nasal** 074539
apparatus & effects of **dilution rate** & conti- 074650
management schemes based on **dilution rate** 081620

DIMER
Pichon) Pich.: Isolation of a **dimer alkaloid,** 077527

DIMETHOATE
Inheritance of **dimethoate resistance** in Ma- 079950

DIMETHYL
Effect of DCMU [1,1-**dimethyl**-3-(3,4-dichlo- 079534
methyl-5 pyrazolyl **dimethyl carbamate**). 076159

DIMETHYLUREA
of 3-(3,4-dichlorophenyl)-1,1-**dimethylurea** 077488

DIMORPHOTHECA
SEE COMPOSITAE

DINITROPHENYL
in crops as their 2,4-**dinitrophenyl ether** der- 073582

DINOSEB
of caneberries (brambles) with **dinoseb.** 079444

DINUCLEOTIDES
semen nicotinamide **adenine dinucleotide** nu- 074545
of nicotinamide **adenine dinucleotide** phosp- 077532
NADP [nicotinamide-**adenine dinucleotide** 077622
of nicotinamide **adenine dinucleotide** phosp- 078127
NAD [nicotinamide **adenine dinucleotide**] in 078232

DIOECISM
Proteins & development in a **dioecious plant** 077623

DIOL
A new **lupene diol** from Dodonaea attenuata 077500

DIOSCOREA
Distribution of **Dioscorea caucasica** Lipsky 076770
from tissue culture of **Dioscorea deltoidea** 077583
plantings of steroid-**producing Dioscorea** sp- 079617

DIOSPYROS
from Madagascar, **Diospyros gracilipes** Hie- 077530
Persimmon, Diospyros virginiana, Ebony fa- 078763

DIOXATHION
Worker environment research: **dioxathion** (080050

DIOXIDE
C) on tobacco leaves. II. 02 [**dioxide**] uptake 077839
photoassimilated 14C02 [**carbob dioxide**] on 078231
embryos: exogenous C02, [**carbon dioxide**] p- 074725
of short dark periods on **carbon dioxide** upt- 077336
incorporation of marked **carbon dioxide** in i- 077550
Ozone induced **carbon dioxide** evolution in 077836
vegetables as influenced by **carbon dioxide** 078023
mixture of methyl bromide & **carbon dioxide** 079934
of energy, moisture & **carbon dioxide** excha- 080766
Carbon dioxide fertilization in greenhouse c- 081390
Sulphur **dioxide injury** to vegetation in vicin- 079401
abies needles fumigated with **sulfur dioxide:** 076218
of pollutants, influence of **sulfur dioxide2** on 079397
of Pinus strobus L. clones to **sulfur dioxide** 076219
investigations on uptake of **sulphur dioxide** f- 076217
determination of **titanium dioxide** in cheese 073569

DIPEPTIDES
of leucyl & **isoleucyl dipeptides** by thin-layer 073874

DIPETALONEMATIDAE
pipiens fatigans with **Wuchereria bancrofti** in 080004

DIPHENAMID
cellular localization of **herbicide diphenamid** 079535
cured tobacco. [**Diphenamid, isopropalin,** pe- 079573

DIPHOSPHATASE
characterization of **nucleoside diphosphatase** 078053

DIPHOSPHATE
Activity of **uridine diphosphate**-d-glucose-4- 078233

DIPLODIA
Epidemiology & prevention of **Diplodia stem-** 078890

DIPLOIDS
Elytrigia juncea (L.) Nevski is a **diploid.** 077022
An important new **diploid Avena** [Canariens- 076638
Zea mays: methods for **diploid callus** culture 077692
Heterozygous diploid strains of Aspergillus 077137
of Solanum andigenum with **diploid species** 077231
characteristics of **diploid & tetraploid** forms 078518
of seed properties in **diploid, triploid &** tetr- 077019

DIPTERA
manure flies, & pastures. [**Diptera**]. 075739
Agromyza frontella (Rond.) (**Diptera:** Agro- 079698
varia soccata Rond (Anthomyiidae: **Diptera**) 079734
Flies in man's environs. [**Diptera**]. 079944
Nosematidae) on Culicidae (**Diptera**) larvae 079946
of borfly larvae, cuterebra grisea (**Diptera:** 079997
Hypoderma lineatum (De Vill.) (**Diptera:** O- 079998
manure flies, & pastures. [**Diptera**]. 080011
of individual retinula cells. [**Diptera**]. 080306
Pollenia rudis (**Diptera:** Calliphoridae) rear- 080387
Chironomidae (**diptera**) from Caucasus. II. 080467
Cytotaxonomy of Bombyliidae (**Diptera**). 080507
Fossill Tabanidae (**Diptera**). 080510
larval growth of Simuliidae (**Diptera**) from 080532
Some Agromyzidae (**Diptera**) from Maltese 080537
species of family Pipunculidae (**Diptera**). 080555
revision of Bombyliidae of Senegal (**Diptera** 080566
species form Papuan subregion (**Diptera:** Cu- 080573
Genus Austrosimulium tonnoir (**Diptera:** Si- 080578
stages of ten mosquito species (**Diptera**: Cul- 080039
larval stages (**Diptera, Acroceridae**). 080631
Bloodsucking Diptera from central regions of 080589
genus Culicoides (**Diptera, Ceratopogonidae**) 080587
pamiricus] (**Diptera, Ceratopogonidae**) from 080588
adzharicus n.ssp. (**Chironomidae, Diptera**). 080466
Diptera of **family** Sarcophagidae as a comp- 079952
of two-wing insects (**Insecta, Diptera**) in Na- 080219
Theodor, 1954, (**Diptera, Nycteribiidae**): Pr- 080641
Streblidae from Thrace (**Diptera, Pupipara**) 080582
rhythms in blackfly (**Diptera, Simuliidae**) at 080256
indicum in Nepal (**Diptera, Simuliidae**). 080635
Oedopoda] (**Diptera, Sphaeroceridae**). 080615
stigmoptera Ols. (**Diptera, Tabanidae**) & its 080379
in north-west Slovakia (**Diptera, Tachinidae** 080479
with definitive hosts. [**Ticks, Diptera**]. 080170
females of Dacus oleae (**Diptera, Trypetidae** 079764
of Dacus oleae Gmel. (**Diptera Trypetidae**). 080182

DIQUAT
aerial desiccation of rice crop with **diquat.** 078480
Comparative effects of **diquat** plus **copper** su- 079613
Residues of **diquat** in **seeds** of spring rape af- 077944

DISBUDDING
"ekatin" for **disbudding** of **Chrysanthemums** 078039
of decapitation & **disbudding** at **different** de- 078104

DISCOLORATION
cotts, hairiness & **canary discoloration** in A- 074638
Discoloration of **cauliflower** during canning 074279

DISEASE
Nutrition & **disease.** 073805
Vaccination against Marek's **disease:** possib- 075624
against cecal coccidiosis & Marek's **disease.** 075625
Marek's **disease:** experimental & field resea- 075675
Marek's **disease:** Long term results obtained 075823
saponin vaccines against Aujeszky's **disease.** 075889
varieties, strains & lines to this **disease.** [Fu- 078984
Changes in fruit as a result of **disease.** Some 079246
Interesting battle with **diseases.** [Sugar beets 079247
resistance of red clover to **diseases.** 079327
protection against pests & **diseases.** 079380
Pathology: science of **disease.** [Plants]. 079406
in normal & in Marek's **disease affected** chi- 074605
sites. [Dermacentor **andersoni, disease** tran- 079994
Modern **apple disease**--physiological stains. 079407
Protection of **Arizona-disease** infected turkey 075665
New environmental **diseases associated** with 075850
in plants as a result of **disease & attack;** so- 079370
in plants as a result of **disease & attack;** so- 079371
Research on **bacterial diseases** of fruit-trees. 079122
Research on **bacterial diseases** of fruit-trees. 079123
Bacterial diseases: how to control them & 079133
method. [Citron melons, **bacterial diseases**] 079134
Bacterial **blight disease** of paddy in India. 079135
Marek's **disease** in **broilers.** Clinical & path- 075748
for control of infectious **bursal disease.** 075807
Cattle disease guide. 075474
Mixed infectious **diseases caused** by Mycopl- 075736
of winter wheat to prevent **disease caused** by 079034
A **disease caused** by Godronia multispora G- 079081
Incidence of complex **disease caused** by Pra- 079260
of Rhizoctonia bataticola **causing diseases** of 079030
control of pests & **diseases** in **cereal** in indu- 079375
sensitizing of animals with **chronic diseases** 075526
effort aimed at mysterious **citrus disease.** 079390
Incidence of **complex disease** caused by Pra- 079260
in 1968--1970. [Livestock **diseases, control**] 075744
growth responses & **disease control** following 075914
Dutch elm **disease control.** [Dieback, Cerat- 078990
hygiene. [wheat, fungus **diseases, control**]. 079037
Plants, fungus **diseases, control**]. 079041
fungicide. [plants, fungus **diseases, control**]. 079043
of small grains. [Fungus **diseases, control**]. 079045
Systemic fungicides in plant **disease control** 079049
Machinery for pest **disease control.** [Plant 080982
Modern chemicals for **controlling diseases** of 079326
Chemical control of **cotton diseases.** 079405
Some **cryptogamic diseases** of fruit trees. 078912
Cucumber diseases. 079284
Control these **cucurbit diseases.** 079303
Pests & **diseases** in **culture** of sugar beets. 079338
Newcastle & urate **deposition diseases** in po- 075770
with Marek's **disease,** & their **diagnostic** val- 075884
Pancreas, [**Diseases, dogs,** cats]. 076002
Current therapy for fits. [**Dogs, diseases,** in- 076153
Control of **edema disease** of baby pigs. 075723
of myoglobin in cases of **edema disease** in b- 075940

Dutch **elm disease** control. [Dieback, Cerat- 078990
Microorganisms & **diseases encountered** in 080661
for year 1971/72. [**Diseases, England**]. 075457
New **environmental diseases** associated with 075850
at controlling pests & **diseases** in **field** crops 079378
Fiji disease at Bundaberg. [Perkinsiella sac- 079153
Attenuation of liver **fluke disease** by comvin- 075947
survey of losses from forage **foliar diseases** in 078967
Notes on **forest diseases** & rot fungi in Icel- 079087
pathogen of American **foulbrood disease** of 080689
Fungal diseases of foxtail & cocksfoot can r- 079042
from wild plants. [**Fungus diseases**]. 078946
northern Alberta. [**Fungus diseases**]. 078967
a systematic way to fight **fungus diseases**. [079004
rotation hygiene. [wheat, **fungus diseases**, c- 079037
experiment? [Plants, **fungus diseases**, control 079041
valuable fungicide. [plants, **fungus diseases**, 079043
treatment of small grains. [**Fungus diseases**, 079045
diseases in Oklahoma. [**Fungus diseases**]. 079065
cochlioides. [Sugar beets, **fungus diseases**]. 079114
Observations on **fungus diseases** of caterpill- 080433
Methos of evaluating **Fusarium disease** resis- 079073
Weather, growth of **grapes, diseases**, pests 078197
lesions associated with **grass sickness**. 076098
Confirmation of citrus **greening disease** in 079138
Cattle **disease guide**. 075474
with acquired & congential **heart disease**. [075545
Helminthosporium disease of barley & meas- 079074
disturbances & **hereditary diseases** of anima- 076018
Diseases of **honey**-bee in Lodz province in 1 080679
Stripe disease: An **important disease** of corn 079147
survey of sterility mosaic **disease incidence** 079185
Protection of Arizona-**disease infected** turkey 075665
Mixed **infectious diseases** caused by Mycopl- 075736
Maedi, a new **infectious disease** in German 075868
of territory of Moldavia. [**Infectious diseases** 075934
vaccinatin of swine. [**Infectious diseases**]. 075938
therapy for fits. [Dogs, **diseases, injuries**]. 076153
Fruit tree **disease**-insect control. 079362
in corn & soybeans: weeds, **insects, diseases** 079213
syngamosis. 1. Treatment of **disease** by **iodo** 075741
Marek's **disease** in **Japanese** quail (Coturnix 075804
in cattle. 10. Spread of **disease** in **Lithuania** 075608
selected for resistance to **littleleaf disease**. 076330
Liver disease in hog caused by Fhizopus co- 075766
data in positive law. [**Livestock, diseases**]. 073504
vaccines in 1968--1970. [**Livestock diseases**, 075744
of Moldavia. [Infectious **diseases, livestock**] 075934
on occurrence of **disease** in **Lombardy**. 075672
blood serum. [Livestock, **metabolic diseases**] 076099
A report on survey of sterility **mosaic disea-e** 079185
Cajanus cajan L.) to sterility **mosaic disease** 079728
relationships in foot-& **mouth disease** virus. 075596
Activity of foot-and-**mouth disease** virus R- 075638
Clinical foot-and-**mouth disease** in African b- 075787
polypeptides of foot-and-**mouth disease** virus 075957
potentials of adversity-**multi-disease** resistant 079404
results of controlling white **muscle disease** in 075857
Mycoplasmic diseases of plants. [Pears]. 079154
a common **mycotic disease** of small mammals 075952
Diseases of **newborn** calf. 075507
inhibiting antibodies of **Newcastle disease** vi- 075584
processes on tenacity of **Newcastle disease** v- 075694
of chickens against **Newcastle disease** by m- 075746
Newcastle disease in poultry. 075769
a B1 strain of live NDV. [**Newcastle disease** 075916
of turkeys with **Newcastle disease** virus stra- 075656
Enzootic levels of **nosema disease** in untreat- 080659
Nursery diseases of cocoa in Ghana. 1, prea- 078979
Diseases of **olives** in nurseries. 079282
Picea glauca, stand-**opening disease**]. 078941
Enzootic calcinosis: A new **pasture disease** of 076068
on nature & control of **peanut diseases** in O- 079065
Disease & pest control in gooseberry produc- 079287
Machinery for **pest disease** control. [Plant 080982
Weather, growth of grapes, **diseases, pests** 078197
Diseases & pests of currants. 079286
Weather, growth of grapes, **diseases, pests** 079402
Modern apple **disease--physiological** stains. 079407
Systemic fungicides in **plant disease** control 079049
Insect & **plant diseases** in small woodlot m- 079278
them & what are they. [**Plants, diseases**]. 079133
in rabbits in **postirradiation disease**. 076132
fluid on frequency of **postnatal diseases** in c- 076105
Institute for **Poultry Diseases**. 075468
instead of winter wheat to **prevent disease** c- 079034
A veterinary program for **disease prevention** 075489
for protection of pigs? [**Diseases, prevention** 075859
Virus **disease problem** in vegetable crops. [I- 079182
Health & **disease problems** of cows in calf 075383
Treatment & control of **rabbit diseases**. I. 075686
interfere with Marek's **disease research**. 075649
A **disease resembling** malignant catarrhal fe- 075664
of evaluating Fusarium **disease resistance** of 079073
of seed potatoes. [Virus **diseases, resistance**]. 079211
of adversity-multi-**disease resistant** cottons. 079404
Chronic **respiratory disease**: Scourge of poul- 075597
for bovine viral **respiratory diseases**. 075792
Diseases of **rice**. [Fungi]. 079008
Oak root **rot disease** & possible means of c- 078913
Bacterial soft **rot diseases** of headed cabbage 079127
of haploid plants to **several diseases** of toba- 077032
measures for control of **disease** in **sheep**. 075555
therapy for control of grassy **shoot disease** 079341
Bacteria fight **soybean disease**. [Bdellovibrio 079118
Research on bacterial black **spot disease** of 079131
Squash, diseases. 079285
New pests & **diseases** of **strawberries**. 079333
Stripe disease: An important disease of corn 079147
Ratoon-**stunting disease** in relation to ship- 079196
control of pests & **diseases** in **sugar** beet cr- 079739
Diseases of **sweetpotatoes**. 079359
deficiency in cauliflower: **Disease symptoms** 079294
On preventing **tapeworm disease** of farms. 075936
of acute respiratory **tract disease** in weaned 075632
Dermacentor andersoni, **disease transmission**] 079994
Fruit **tree disease**-insect control. 079362
Centre for year 1971/72. [**Diseases, United** 075456
Prevent **viral diseases** of poultry by vaccinat- 075820
epidemiology of yellowing **virosis disease** of 079170
antibodies of Newcastle **disease virus** of chi- 075584
relationships in foot-& mouth **disease virus**. 075596
Activity of foot-and-mouth **disease virus** R- 075638
of turkeys with Newcastle **disease virus** stra- 075656
study of Aujesky's **disease virus** & herpes s- 075674
free preparations of Marek's **disease virus** f- 075691
on tenacity of Newcastle **disease virus**. [Chi- 075694
disinfection of Marek's **disease virus** & effec- 075806
with reticuloendothelial **virus disease**. 075815
pigs produced by Aujeszky's **disease virus**. 075838
pigs infected with Aujeszky's **disease virus**. 075839
strain of live NDV. [Newcastle **disease virus**] 075916
of foot-and-mouth **disease virus** & analysis of 075957
on pear necrotic spot. [**Virus diseases**]. 079155
Results in solving tasks in **virus diseases** & 079159
in occurrence of cereal **virus diseases** in Ge- 079165
Citrus stem-pitting **virus diseases** at Bunso, 079169
Virus disease problem in vegetable crops. [I- 079182
of weed plants in spread of **virus diseases**. II 079186
healthy seed potatoes. [**Virus diseases**, resis- 079211
of weed plants in spread of **virus diseases**. II 079513
on chemical control of coconut **wilt disease** 079014
Medic) seedlings in relation to **wilt disease**. 079056
Stomach **worm disease** of horse caused by 075759
Stomach **worm disease** of horse caused by 075760
incubation time of lethal **yellowing disease** of 079244

DISEQUILIBRIUM

Evidence for **linkage disequilibrium** maintai- 080267

DISINFECTION

Efficient **chemical disinfection** of soil under 081539
Survival & **disinfection** of **Marek's** disease v- 075806
Disinfecting poultry houses & equipment in 075874
Evolution of **disinfection** of **seeds** & tubers in 079927
Ozone for **disinfection** of **water** contaminated 081602

DISINFESTATION

Disinfestation of **soil** of poultry runs with u- 075925

DISKS

Spinning **disc distributor**. 2. Influence of ap- 081441
Steam pressurized **double-disk** refining--a n- 076531
Technic of **disc-electrophoresis** for differenti- 075984
melanogaster male leg **disc fragments** in sug- 080253
cytoplasmic proteins by tobacco **leaf discs**. 077734
in wing disk & mesothoracic **leg disk** of some 080187
Moldboard or **disc plow**? 080972
of granular material on **spinning discs** of fer- 080881
metabolic activity of **wing disks** of fleshfly, 080319

DISLOCATION

lenticular luxation & **subluxation** in **cats**. 076089
Dislocations & malformations of thyroid gla- 074614
Traumatic dislocation of elbow. [Cats]. 076152

DISPLACEMENT

Abomasal displacement 2: hypocalcemia as 076088
Displacement of **Aedes** (S.) polynesiensis 080343

DISPOSAL

Animal waste sanitation & **disposal**. 074406
Waste removal: Animal **carcass disposal**. [L- 073428
Evaluation of a **disposable insulated** contain- 074034
Effluent storage & **disposal** from **intensive** p- 081859
of all-year communal **sewage disposal** by agr- 081349
Stabilizing copper mine **tailing disposal** be- 081548
in food processing, solid **waste disposal** & ci- 073822

DISSEMINATION

filters in preventing **airborne dissemination**. 075806
Notion of **disseminated intra**-vascular coagu- 076054

DISSIPATION

Dissipation & phytotoxicity of dicamba resi- 079485

DISSOCIATION

Neurospora crassa by a **bacterial dissociation** 077353
Dissociation reassociation & phenylalanine 077707

DISTAL

for repair of fractures of **distal flemoral** epi- 076003
Closure of **distal radial** epiphysis & its relat- 076008

DISTEMPER

measles) vaccine **against distemper**. [Dogs, f- 075800

DISTILLATION

in silage by Flieg's **distillation method**. 074342

DISTILLERIES

problems of recitification in **corn distillery**. 074171

DISTILLERS

Evaluation of **distillers dried** grains with sol- 074918
Influence of **distillers feeds** on cellulose dige- 074914
acids & esters content in **distiller fractions** 074309

DISTOMATOSIS

Bovine distomatosis; comparative tests of va- 075672

DISTRIBUTION

Distribution of 90Sr[strontium] & 137Cs[ce- 073589
in above-ground mass & their **distribution**. 077305
nov.: identity, hosts, ecology, & **distribution** 080572
angle, & disc speed evenness of **distribution**; 081441
Distribution & accumulation of mercury in 073704
Root **activity distribution** pattern & phosph- 077943
Distribution of **adenoviruses** types 1, 2, & 3 075598
Distribution of **Aedes** hendersoni Cockerell 080033
animals in grassland. II. **Age distribution** of 081124
Distribution of **alkaloid** bearing plants of fl- 076769
XXVII. **Distribution** of **alkaloids** in different 077529
Distribution of **antibody** to bovine adenovir- 075627
Translocation & **distribution** of **assimilates** in 077493
Distribution of **bananas** in France in 1971. 073232
among lines in **distribution** of B **blood** group 074674
Distribution & blood-to-milk transfer of lab- 075637
Phosphate uptake & **distribution** in **bush** be- 077986
Material on **distribution** of **caddisflies** (Tric- 080554
Uptake & **distribution** of **carbofuran** & its 077770
Distribution of **carboxylation** & decarboxyla- 077354
Food **distribution changing** in Japan opening 073296
Distribution & chemistry of phosphorus in 081393
Relating **distribution costs** of irrigation wat- 073135
Distribution of 137Cs [cesium] in soils & ve- 081073
to its **distribution** in **Czechoslovakia**. 076756
its **distribution** in **Czechslovakia** (Lepidopte- 080511
Distribution of **Dioscorea** caucasica Lipsky 076770
of carbaryl deposit, **dye distribution**, & cont- 078945
SSR. 9. **Distribution** of **earthworms**, mollus- 080168
on ecology & **distribution** of **Echinochloa** cr- 076861
Ecological distribution of mycorphizas of Pi- 076857
omissions. [Erica **erigena, distribution**]. 076625
Distribution of **fall** armyworm larvae. 1. Reg- 079702
Distribution of **farm** size & income: analysis 073059
On **distribution** of **fascioliasis** in ruminants 075685
Breed & sex differences in **distribution** of **fat** 073991
On **distribution** of **fat** in muscle tissue of sw- 074794
Fertiliser distribution through institutional 081416
Improving performance of **food distribution** 073255
True effeciency in retail **food distribution: a** 073257
Michigan **food distribution** industry--now & 073279
Food distribution changing in Japan opening 073296
for dispatcher control of **forage distribution** 080721
Uptake & **fractional distribution** of different- 078094
Distribution of **frozen**-thawed spermatozoa 075262
Distribution of **fungonit** GF-2 within an imp- 076565
Study of **distribution** of **galleries** of Blastop- 079912
water depths & **distribution** of **Gambusia** aff- 079958
observations on **geographic distribution** & p- 080157
Profile morphology, **geographic distribution** 081156
Distribution, growth & utilization of econom- 076379
in California: **illustrated distribution** of orga- 079961
remuneration & **income distribution** on coop- 072891
Influence of **income distribution** on income 073150
performance of food **distribution industry**. 073255
Michigan food **distribution industry**--now & 073279
bromide: uptake & **distribution** of **inorganic** 079239
of factors affecting **insect distribution**. [Ma- 079863
interchromosomal distribution of chromatid 077103
Translocation & **distribution** of **labelled** org- 078109
Distribution of **lactic** dehydrogenase activity 075330
Landscape distribution of oribatids in Tadzh- 080654
Longitudinal distribution of applied calcium, 078001
On **distribution** of **mast** cells in lungs & liver 074529
water-holding capacity of **meat, distribution** 074032
Content & **distribution** of **microelements** in 077375
SSR. 6. **Distribution** of **microorganisms**. 081033
Distribution of some **native** grasses in Cana- 078333
trees out of its range of **natural distribution**. 076366
SSR. 8. **Distribution** of **nematodes**. [Tylenc- 081035
nutrient stabilizer & **nitrogen distribution** in 081067
SSR. 10. **Distribution** of **oribatids**. 080164
Particular distribution of some pesticides in 080146
Level & **distribution pattern** of fatex sucrose 077487
Root activity **distribution pattern** & phosph- 077943
Spatial **distribution pattern** of winter cherry 080359
Distribution of **peanut** fungi in southeastern 079024
Distribution of **petroleum** products in 1971. 080785
Note on inorganic **phosphate distribution** in 081376
Phosphorus distribution in different particle 081190
III. **Distribution** of **photosynthate** in Calluna 077432
Phytochrome distribution in Avena seedlings 077873
Phytoplankton distribution & hydrological s- 076863

Distribution of **pigments** of chlorophyll gro- 074203
Distribution of **plant** mass on south slope of 076817
On **distribution** of **Polygala** jacobii Chandr. 076646
Properties, distribution & origin of white silt 081156
severity with leaf-shoot **ratio, & distribution** 078018
Regional distribution of trace elements in n- 077729
Relating distribution costs of irrigation wat- 073135
in Malaya. IV. **Distribution** in **relation** to p- 076675
Distribution of a **renin**-like enzyme in bovine 074608
Lime **requirements--distribution** of lime in T- 081422
carbob dioxide] on **retention** & **distribution** 078231
Distribution of **rootlets** & small roots in soil 076928
windfall gains, & **distribution** of **rural** income 073130
of avian species. 2. **distribution** of 75**Se** [sel- 074752
Seasonal distribution & behavior of Californ- 079984
Vertical & **seasonal distribution** of nematod- 081056
Sectorial distribution of ant columns within 080462
pbservations on **distribution** & **significance** of 079866
aspects of soil fungi. II. **Distribution** of **soil** 081044
detailed explanation of **distributed solation** 077278
Spatial distribution pattern of winter cherry 080359
Sidobre (Tarn). III. **Distribution** of **species** 080437
Studies on **distribution** of **starchy** & sugary 077378
overlapping rate in **statistical distributions** of 080193
Distribution strategy & cost analysis. [Food 073256
uptake & **distribution** of **strontium** 90, calci- 077294
Territorial distribution of labor & specializa- 072741
Absorption & **distribution** of **thiophanate,** ef- 078983
Tissue distribution of labelled material in vi- 073759
Tissue distribution & metabolism of aflatoxin 074541
Tissue distribution of labelled material in vi- 076024
Research into **distribution** of **transferrin** gen- 075236
II. Inheritance & **distribution** of **variants** of 074797
factors determining **vegetation distribution** 076851
Distribution of **weather** adverse conditions c- 072659
Distribution of **xanthine**-oxidase in eleven s- 074570
packaging & **distribution** in New **Zealand.** 073319

DISTRIBUTORS

Spinning **disc distributor.** 2. Influence of ap- 081441

DISTURBANCE

nature **disturbances** of **meiosis** in various 077213
Disturbances in **metabolism** of magnesium in 076030
Psychosomatic disturbances & hereditary di- 076018

DISUBSTITUTION

evaluation of 1-(2,6-**disubstituted benzoyl**)-3 079642

DISULFIDES

iI. Effect of reduction of **disulfide bonds** & s- 080665
dithiocarbamates & with **carbon disulfide.** 080062

DITCHES

Digging of land **improvement ditches** by me- 081544
Oxidation ditch reduces feedlot pollution. 081766

DITERPENES

New **diterpenes** from **Sideritis** canariensis. 077499

DITHIOCARBAMATES

bases with **dithiocarbamates** & with **carbon** 080062

DITHIOTHREITOL

of ram spermatozoa by **dithiothreitol.** 075265
compounds by **dithioerythritol, dithiothreitol** 077999

DITYLENCHUS

in Medicago sativa. [**Alfalfa, Ditylenchus** di- 079308
Filipjev, 1936 & **Ditylenchus destructor** Tho- 079233
strawberry eelworms. [**Ditylenchus dipsaci**] 079363
on stem eelworm **Ditylenchus dipsaci** (Kuhn 081313

DIURNAL

Incubation, diurnal, & yearly rhythms in bl- 080256
Seasonal & **diurnal rhythm** of plant flower- 078209
Diurnal trends in net photosynthetic rate & 077857
hormone in dairy cows; **diurnal variation** & 074504
Diurnal variation in alfalfa (Medicago sativa 077651

DIVERSIFICATION

Agricultural diversification & development. 072795
Diversification in **Ilinois** crop production: 1 073452

DOCKS

Herbicides for control of **docks** (Rumex spp 079431

DOCUMENTATION

Agricultural **engineering documentation** & in- 080728
processing service **program documentation.** 076263

DOGS

acetale isobutyrate in rodents & **dogs.** [Soft 073637
Kidney vascular supply in rat, cat & **dog.** 074500
in control of water intake in **dogs.** 074513
system during prolonged running in **dogs.** 074515
ion concentration] & related values in **dogs.** 074538
tryptophan from cerebrospinal fluid in **dog.** 074664
Three cases of intersuxuality in **dog.** 074798
to fractures of spinal column of **dog.** 074804
cause infertility in heifers, gilts, & **bitches.** 075209
for veterinarians. C. Genetics II. [**Dogs**]. 075358
sensitization to catecholamines in **dogs.** 075450
through stomach & duodenum of **dogs.** 075451
intervals to digitalis glycosides in **dog.** 075452
Scrotal ablation & castration in **dog.** 075460
repair of coxofemoral luxation in **dog.** 075461
Infusion therapy & blood transfusion in **dog** 075487
Technique of blood transfusion in **dog.** 075498
Indications for heart surgery. [**Dogs**]. 075536
acquired & congential heart disease. [**Dogs**] 075545
of patient with trauma of thorax. [**Dogs**]. 075547
management of cesarean section. [**Dogs**]. 075553
approach to a tricuspid stenosis. [**Dogs**]. 075563
of chronic retrobulbar abscess. [**Dogs**]. 075564
luxation by radial head ostectomy. [**Dogs**]. 075565
with an unusual pseudomonad in a **dog.** 075630
treatment of a case of glaucoma in a **dog.** 075865
agent of endocarditis & arthritis in **dog.** 075871
Intraocular cryptococcosis in a **dog.** 075892
with aqueous hyposensitization. [**Dogs**]. 075896
Fatal volvulus in a **puppy.** 075898
Liposarcoma in **dogs.** 076001
in spondylopathia deformans in **dog.** 076010
of prolapse of urethra in male. [**Dogs**]. 076015
cell tumor of testicle in a 19 year old **dog.** (076020
On differential diagnosis of polydipsia in **dog.** 076027
aspects in cardiac insufficiency of **dog.** 076055
Some cases of hip joint dysplasia of **dogs.** 076063
formation in bronchial system of a **dog** (inb- 076066
of hip dysplasia & coxal arthrosis. [**Dogs**]. 076067
Cystine urolithiasis. [**Dogs**]. 076072
Naturally occurring thyroid disorders of **dog** 076075
cardiovascular abnormalities in **dog.** 076079
limitations of an electrocradiogram in **dog.** 076081
Fluid therapy: **dog.** 076082
associated with persistent hyaloid in a **dog.** 076090
Intrascrotal torsion of testicle in a **dog.** 076093
Acanthosis nigricans in a Lhasa Apso. [**Dogs**] 076094
Dysplasy of hip joints in a **dog.** 076102
Hexachlorophene toxicosis in **dogs.** 076109
Hexachlorophene toxicity in **dogs.** 076110
Acute toxicity of dichlorvos in **dog:** 1. Clini- 076113
Acute toxicity of dichlorvos in **dog:** 2. Patho- 076114
by total prothesis of articulation. [**Dogs**]. 076130
Foreleg lameness in **dog.** 076151
Nodular cirrhosis in a **dog.** 076160
surgical management of hip luxation. [**Dogs**] 076212
treatment of a case of glaucoma in a **dog.** 080028
plasma free fatty acid concentration in **dogs** 074516
smooth muscle cells in small arteries of **dog** 074618
Hewitt, 1925 (Ixodoidea: Ixodidae). [**Dogs**] 080016
Cervical kyphosis in an **Afghan Hound.** 075996
of some mental characters in **Alsatian dogs.** 074628
during oestrous cycle in **Beagle bitch.** 075258
vaccine against distemper. [**Dogs**, fur-**bearing** 075800
metalloproteins in **dog blood.** 074819
Mastocytoma in a **Boxer dog.** 076041
Rhabdomyosarcoma in a **Boxer bitch.** 076042
synthetic progestogens in **dog** & **cat.** 074806
Glomerulonephritis in **dog** & **cat:** a compara- 075634
Treatment of dermatomycosis in **dog** & **cat.** 075673
of distal flemoral epiphysis in **dog** & **cat.** 076003
Aetiology of glaucoma in **dog** & **cat.** 076077
of mammary neoplasia in **dog** & **cat.** 076084
sinusoidal wall. [Livestock, **dogs, cats**]. 074680
Tomanol preparation used for **dogs** & **cats.** 075503
lenperone, a new tranquilizer for **dogs, cats** 075560
coli isolated from urine of **dogs** & **cats** with 075629
Pancreas, [Diseases, **dogs, cats**]. 076002
therapy of polyuric renal failure. [**Dogs, cats**] 076038
features of spinal lesions in **dogs** & **cats.** 076071
post-road accident chest injuries. [**Dogs, cats**] 076150
Ectoparasites of **dogs** & **cats** in Iran. 079986
panting & nonpanting resting **conscious dogs** 074534
of pannus in **dogs** by use of a **corneal**-scleral 075453
heart failure in **dogs** without use of **digitalis** 076086
Pancreas, [**Diseases, dogs,** cats]. 076002
Current therapy for fits. [**Dogs, diseases,** in- 076153
Silica urolithiasis in **dogs fed** an atherogenic 076058
Haemostypticum-Revici". [**Horses, dogs**]. 075525
infection. [Dirofiliaria **immitis, dogs**]. 075821
Nature of resistance of **immune puppies** to 075793
of hepatic sinusoidal wall. [**Livestock, dogs,** 074680
Shipping **mink pups.** 074427
of pain. [lameness, cows, **pigs, dogs**]. 076011
in man, small runinants, **rodents, dogs** & cats 075922
blastomycosis in two **dogs** in **Saskatchewan** 075666
in Alsatian dogs. [German **Shepherd dogs**]. 074628
electrocardiogram of German **Shepherd dog.** 075510
hip dysplasia in German **Shepherd dogs** in t- 076057
Lungs. [**Dogs, surgery**]. 075477
Small intestine. [**Dogs, surgery**]. 075478
Heart. [**Dogs, surgery,**]. 075479
Pancreas. [**Dogs, surgery**]. 075480
Liver & biliary tract. [**Dogs, surgery**]. 075481
Thoracic duct & mediastinum. [**Dogs, surgery**] 075482
Kidneys & urethra. [**Dogs, surgery**]. 075483
General procedures. [**Dogs, surgery**]. 075484
Stomach. [**Dogs, surgery**]. 075485
Blood vessels & spleen. [**Dogs, surgery**]. 075486
by subcutaneous way in **dog** for **treatment** of 075582
recording from in situ **working dog** heart in 074514
Adenocarcinoma in ileum of a **young dog.** 075998

DOMESTIC

Noise: effects on **domestic animals.** 074634
in intestines of newborn **domestic animals.** 074684
in male & female **domestic animals.** 075243
of spermatozoa in **domestic animals.** I. Obs- 075298
translocation of non-**domestic animals.** 075541
rhodesiense from game & **domestic animals** 075595
cordis congenitus) in **domestic animals.** II. 076046
preparation. [Poisoning, **domestic animals**]. 076107
Reproduction patterns in **domestic cat.** 075190
Cooperatives & individual **domestic economy** 073464
Benefits of using **domestic feed** for donkeys 075007
Reproduction in male & **female domestic** an- 075243
in male reproductive of **domestic fowl** (Gall- 074630
glucose & free fatty acids of **domestic fowl.** 074737
in embryogenesis of **domestic fowl** & factors 074740
proteins in pectoral muscles of **domestic fowl** 074770
activity in Harderian gland of **domestic fowl** 074786
A feather mutation in **domestic fowl.** 075315
potential of certain breeds of **domestic fowl** 075814
vessel on right in a **domestic goat.** 076012
Cooperatives & **individual domestic** economy 073464
involution of thymus in **domestic mammals.** 074779
in intestines of **newborn domestic** animals. 074684
mortality in post-**parturient domestic** rabbit 075279
telencephalon of wild boar & **domestic pig.** 074499
No place for **domestic plant** oil in Austria? 073146
control preparation. [**Poisoning, domestic** an- 076107
mortality in post-parturient **domestic rabbit** 075279
acid composition of some **domestic varieties** 074233

DOMESTICATION

Domesticated fowl from archaeological mon- 074442
Domestication of **wild** mushrooms. 078653

DOMINANCE

Breaking apical **bud dominance** in arvi corms 078029
On water conditions of **dominant grasses** in 077936
distribution & **dominant** in **Japanese** alpine 076851
Dominant suppressor of curly gene from na- 080428

DONKEYS

antitoxin in spontaneous tetanus of a **donkey** 075778
of using domestic feed for **donkeys & swine.** 075007
with manure from **donkeys & swine.** 079331

DONORS

recipient animals immunised **against donor.** 075829
hamsters to rats immunised **against donors.** 075837

DORMANCY

Breaking of **dormancy** of **apple** embryo (Pir- 078143
of almond. [**Dormancy breaking**]. 078179
of peach varieties. II. [**Dormancy breaking**] 078180
damage in cells of **dormant Crepis** capillaris 077205
Apple **embryo dormancy** in relation to ther- 078106
study of germination in **dormant embryos** s- 078176
Ultrastructure of **dormant** & **germinated** spo- 079062
On **dormancy** of **grape** tissues & possibility 078800
associated with post-**harvest dormancy** in ba- 073916
proteins & enzymes in **dormant peanuts** (Ar- 077761
germination inhibitors on **dormancy** in **rice.** 077825
Seed dormancy & germination in indiangrass 077646
damage to chromosomes in **dormant seeds** of 077227

DORONICUM

Notes on **Doronicum** l. In SW Asia. 076662

DORSAL

Structure & function of **dorsal abdominal** gl- 080410
response after lesions of **dorsal hippocampus** 074512
to rib-eye area (musculus **longissimus dorsi**) 074441
structure of muscle **longissimus dorsi** & mus- 074777

DOSAGE

Tolerance of higher ascorbic **acid doses.** 073760
Dosage & **application** dates for nitrogen fert- 081286
Calculating dosage of fertilizers for a plann- 081511
Dose calibration sutides of lenperone, a new 075560
Effects of **different doses** of antibiotics on i- 075971
different combinations & **doses** of **fertilizers** 081397
of soybean varieties to **graded doses** of nitro- 081428
Effect of **increasing doses** of nitrogen, phos- 081292
Fate of large **infective doses** of Nematodirus 075711
Effect of split-**dose irradiation** on chromoso- 077203
kilimandscharicum by low-**dose** X-**irradiation** 077344
Effect of **large doses** of Nematodirus battus 075712
Fate of **multiple doses** of infective larvae of 075713
Techniques for **nitrate dosages** by ionometer 077716
Effect of **doses** of **nitrogen** fertilizers on yie- 081304
winter wheat with gradual **nitrogen doses.** 081336
Economical application of **nitrogen doses** in 081338
Effect of divided **nitrogen doses** on yield & 081469
Influence of **nutritional doses** of virginiamyc- 074846
Forecasting **optimum dosage** of mincronutri- 081514
lambs exposed to one & two **oral doses** of 075613
Effect of **dose rate** of X-rays on damage to 077227
plant cell suspensions: a **dose response** para- 077350
Evaluation of **several dosages** of Temik 10 G 079681
Effect of **split-dose** irradiation on chromoso- 077203
Response of three insects to **sublethal doses** 079933

seeds irradiated with **various doses of gamma** 077205

DOUGH
Secret life of **sour dough.** [Saccharomyces e- 074187

DRAFTING
A **draft** of a **meat** processing department for 074057
National Water Commission **review draft.** 081727

DRAGONFLIES
spec. nov., a new **chlorocyphid dragonfly** fr- 080517
by flight muscles of **dragonfly, Pantala** flave- 080314

DRAINAGE
Protective equipment for **drains.** 080939
for cultivaltion--Kuttanad & Kole. [**Drainage** 081638
maintenance of **agricultural drainage** systems 080734
Surface & sub-surface **drainage hydrology.** 081629
Use of **interceptor drain** as an anti-waterlog- 080885
Bibliography of **irrigation, drainage,** river tr- 081688
Surface **drainage methods** for saline-alkali s- 081643
growth of Betula pubescens on **drained peat** 076396
nitrogen fertilizers on **drained peatlands.** 081500
Drainage problem in Cauvery Delta of Tamil 081655
Design criteria for **drainage profects** in Pun- 081624
waterlogging problems & **drainage project** p- 081645
Bibliography of irrigation, **drainage, river** tr- 081688
Interest in **drainage, soil** classification, & re- 081798
Effect of pumping & **surface drainage** in con- 081084
of surface & sub-**surface drainage** system for 081625
Surface & sub-**surface drainage** hydrology. 081629
Design of a sub-**surface drainage** system. 081637
Effect of pumping & **surface drainage** in con- 081641
Surface drainage methods for saline-alkali s- 081643
of surface & sub-surface **drainage system** for 081625
viscous model for design of **drainage system** 081626
Design of a sub-surface **drainage system.** 081637
of agricultural **drainage systems.** 080734
Draining variants in pseudo-gley soils. Inves- 081271
Vertical drainage for mosquito abatement in 079973
presence of enterophages in **draining waters** 081764

DRESSING
of body weight & **dressing percentage** in bro- 075319
Effect of non-**root dressing** with salts of mic- 077639
An evaluation of **seed dressings** for effective- 079144
Effect of nitrogen & phosphorus **top dressing** 081465
Effect of magnesium **top dressing** on wheat 081466

DRIFTING
Stopping drift of farm labour. 072807

DRILLING
Drilling equipment in forest road building. 076424
Use of herbicides in **drilled onions** as well as 079457
Machinery]. III. Check-**row drills.** 080945
sowing by type A 697 monogerm **seed drill.** 078312

DRINKING
in rodents & dogs. [Soft **drinks, additives,** t- 073637
Automatic drinking bowls for cattle approv- 080928
What is a **kola drink?** 073836
of sodium in **drinking medium** of american c- 080223
Drink milk regularly. 073775
Additives for **soft drinks.** 073599
Additives for **soft drinks.** 073835
problems in supply of **drinking water** from 081774

DRIVERS
an ant predator on **Anomma driver** ants (H- 080395
Training course for **machine drivers** in fores- 076194
Agronomic notions for **tractor driver.** 3. Ph- 081259

DRIVING
Drives of **agricultural** tractors of engineering 080895
Thoughts on **driving cattle** to pasture. 074421
Exhaust-driven supercharger for tractor mot- 080824
Drive to **implement** intensive potato growing 078313
Drive to **increase** flue-cured production. [To- 073347
Four wheel **drive tractor** & greenhouse indu- 080983

DROSOPHILA
Phototaxis in **Drosophila:** a critical evaluati- 080176
Adenylic nucleotides in **Drosophila:** Evoluti- 080177
in two twin species of **Drosophila:** Geograph- 080190
Chromatin of **Drosophila** [hydei]: isolation 080201
Schizophyllum **commune, drosophila** melan- 076926
segments in **Hawaiian Drosophila.** 080212
polytene chromosomes of **Drosophila hydei.** 080278
of asymmetric dyads in **male Drosophila.** [080266
commune, **drosophila melanogaster**]. 076926
acid on **Drosophila melanogaster.** 1. Genoty- 080119
mutations of **Drosophila melanogaster** upon 080163
Drosophila melanogaster]. 080169
Africa of **Drosophila melanogaster** & Droso- 080190
esterase C, in **Drosophila melanogaster** & D- 080199
commune, **drosophila melanogaster**]. 080245
Regeneration of **Drosophila melanogaster** m- 080253
chromosomes of **Drosophila melanogaster.** 080265
La" & "Ha" of **Drosophila melanogaster.** 080268
crossing-over in **Drosophila melanogaster** in- 080269
of rudimentary in **Drosophila melanogaster.** 080276
X-ray treatment in **Drosophila melanogaster** 080277
forming of puffs in **Drosophila melanogaster** 080280
flight in **Drosophila melanogaster.** 080312
in wild-type **Drosophila melanogaster** & a 080320
population of **Drosophila melanogaster.** 080363
acid on **Drosophila melanogaster.** 1. Genoty- 080385
in oogenesis of **Drosophila melanogaster.** XX 080425
females of various **Drosophila melanogaster** 080426
dehydrogenase in **Drosophila melanogaster.** 080427
gene from natural **Drosophila melanogaster** 080428
irradiation of **Drosophila melanogaster** fema- 080429
populations of **Drosophila melanogaster.** 080430
of curly gene from **natural Drosophila** mela- 080428
melanogaster & **Drosophila simulans.** 080190
melanogaster & **Drosophila simulans.** 080199
polymorphism in **Drosophila subobscura** po- 080262
populations of **Drosophila subobscura.** 080267
metabolism in wild-**type Drosophila** melano- 080320
mutations in females of **various Drosophila** 080426

DROSOPHILIDAE
chromosome preparations. [**Drosophilidae**]. 080254

DROUGHTS
How to **beat drought.** [Animal nutrition]. 075084
Relationships between **drought** & **corn** yields 077642
Effect of **drought** on **cotton** water regime at 077725
of cotton adaptation to **drought** & **excess** wa- 077957
On degree of **drought** & **heat** resistance of a- 078195
Drought management & feeding of beef catt- 075104
of Gladiolus as a trait of **drought resistance.** 078086
Science bars way to **drought** & **soil** erosion. 081579

DRUGS
plant products presently furnished in **drugs.** 073899
FDA [Food & **Drug Administration**] requir- 073564
efforts of food & **drug administration** to con- 073586
FDA [Food & **Drug Administration**] requir- 075448
Action of **alkylating drug** MD-2 on amount 075990
Water sorption cy **crude drugs.** II. Fructus 073855
with use & misuse of some **drugs** in **horses.** 076158
Use of **drugs** for **immobilization,** capture, & 075541
of humidity in **drugs lyophilized** through gas 075556
anno 1972. [**Phytochemistry, drug** plants]. 077554
in Digitalis lanata. [**Drug plants**]. 077497
Buddleia. [**Drug plants,** varieties]. 078876
Effect of thiabendazole on a **drug-resistant** 075697
Effect of chemical **restraint drugs** on passage 075451

DRYING
Factors **affecting drying,** stability, & rehydr- 074080
Changes caused by **air-drying** & alcohol deh- 076926
Two story cold **air drying** house for grain. 080747
Feeding of brickets & cobs from hot **air dri-d** 075015
before **drying** with **allylisothiocyanate** o'. an- 075073
before **drying** with **allylisothiocyanate** on an- 075074
Effect of **dry amide** beet pulp on health & m- 075169
bindings in pressure-**ammonificated dried** su- 074319
Yield & potential of **artificially dried** grass. 078273
Effect of **drying** on **availability** index of soil 081239
cation content in enriched **dried baby** food. 073917
permissible values of trees **becomming dry** in 076314
On results of **dried beef** blood plasma appli- 074006
Fungi **causing dry** rot of potatoes in Poland. 079059
rehydration of freeze-**dried chicken** meat. 074080
of electrolyte treatments & **dry-chilling** on y- 074068
Effect of **dry-chilling** on flavor of fried chic- 074069
Engineering aspects of **cocoa drying** in Braz- 073907
Comparative dry matter yield patterns of gr- 078342
L.) under irrigation or in **dry conditions.** 078621
utilization in forages fed to **dry cows.** 074963
Evaluation of **distillers dried** grains with sol- 074918
ferrous cation content in **enriched dried** baby 073917
New methods of **drying, evaluation** & impro- 076439
use these small implements for **dry farming** 080892
nitrogen fertilizers on wheat in **dry farming** 081286
different magnesium levels to **drylot-fed** ges- 074961
A new key in evaluation of **dried feed** for pr- 074347
Dry feeds & supplement of amino acids in f- 075070
Some economic aspects of **dried forage** as an 073070
On supply of **dried forage** in ruminant feedi- 075120
grassland communities & **dry formations** of 076820
resin in imparting properties to **dry-formed** 076521
stability, & rehydration of **freeze-dried** chic- 074080
I. Conventionally cured vs **freeze dried** duri- 074223
equilibrium relative humidity of **dried fruit:** 074290
Evaluation of distillers **dried grains** with sol- 074918
of brickets & cobs from hot air **dried grass** 075015
Yield & potential of artificially **dried grass.** 078273
Ensilage of bales of **dried grass** using a bale 080903
Two story cold air **drying house** for grain. 080747
A screen for **dry maintenance** of nutria. 074392
indirect heating systems for **malt driers** with 073882
with a ration of laying hens' **manure dried** 074888
in alfalfa (Medicago sativa L.) **dry matter** y- 077651
difference of growth pattern on **dry matter** 077788
Dry matter production of forage plants. VI. 077793
Dry matter production of forage plants. VII 077794
Effect of fluorine compounds on **dry matter** 077952
Comparative **dry matter** yield patterns of gr- 078342
Effect of fluorine compounds on **dry matter** 079396
of defibrator pulp used for **dry-method** fiber- 076557
Cabinet type **drying oven** for forage crops. 080727
turnover time for spouted bed **peanut dryer** 074084
Dry piling of logs & their mechanical debar- 076459
On feeding **pregnant dry** Simmental cows w- 075144
Dry protein mixture in feed rations of grow- 075072
of heat & mass transfer during **dry rednering.** 081825
from permanent grassland in **dry regions** of 078577
Rough **rice drying.** 074135
Problem of **dry-rot** control & preservation of 076568
Problem of **dry rot** of potato tubers. [Fusari- 079058
Fungi causing **dry rot** of potatoes in Poland. 079059
Research on acidic ripening of **dry salami.** 074021
of mycotoxin Patulin in **dry sausage.** [Penici- 073609
of nitrate & nitrite content in **dry sausages** 074019
hormone] discharge in lactating & **dry sheep** 075278
On feeding pregnant **dry Simmental** cows w- 075144
of a milk substitute without **dried skimmilk** 075080
study of fresh, heated, **spray dried,** & sonica- 074073
Factors affecting **drying, stability,** & rehydr- 074080
Influence of **drying** & **storage** on changes of 073895
of Acorus calamus when **dried** & **stored** raw. 077308
in pressure-ammonificated **dried sugarbeet** s- 074319
sannhemp on yield of wheat in **dry tract** of 081439
Forage plants for green feed in **dry trans-**Vo- 078584
of turning into desert in **dry tropical** Africa. 076813
Cabinet **type drying** oven for forage crops. 080727
Calculating course of **drying** during **wilting** 074328

DRYLANDS
Production on **dryland seeded** pastures in S- 078291

DRYOPTERIS
Phloroglucides of **Dryopteris caucasica** (A. 077415

DUCKS
watering ponds in northern plains. [**Ducks**] 074414
Let's hear it for **ducks.** 074435
of microflora during growth of **ducks.** 074775
Tests with turkeys & **ducks.** [Feed]. 074881
Research with **ducks.** [Feed]. 074908
production with turkeys, geese, & **ducks.** 075207
on bacterial infections in **ducklings.** 075810
level in feed on growth of **broiler ducks.** 074874
of pollution of new-laid eggs of **hen, duck** & 073669
of Salmonella takoradi in **ducks** in **Katowice** 075749
Adrenal function of **Pekin ducks** during mat- 074532
growth of intestine at **Pekingnese ducklings** 074524
survey for viral antibodies in **wild ducks.** 075650

DUCKWEED
in growth rate of **duckweed community** (Le- 077404

DUCTS
excessive permeability of mare **genital duct** 075514
Stenosis of naso-**lacrimal duct** in horse. 075860
number of vertical & radial **resin ducts** & a- 078217
Thoracic duct & mediastinum. [Dogs, surgery 075482
Cannulation of **thoracic duct** in sheep. 075568

DUMPING
Colonization pattern of fresh **ashy dump** by 077396

DUNG
Problems caused by **cattle dung** & associated 079990

DUODENUM
through stomach & **duodenum** of **dogs.** 075451
findings on stomach & **duodenum** of **horse** p- 075761

DURABILITY
Trial stations for **testing durability** of gears 080839
Softening temperatures & **durability** of **wood** 076481

DURRA
potash on yield of **hybrid jowar** (Sorghum v- 078368

DURUM
SEE WHEAT

DUST
Damage to forest by detergent dust (**W-dust** 076223
of Marek's disease virus from **poultry dust.** 075691

DUTIES
in land improvement range of **duty.** 072727
in organizing operation of **heavy-duty** sprink- 081617

DWARFISM
in bean cotyledons in relation to **dwarfism.** 078103
Genetics of **dwarfing** & **awning** by monosom- 077256
of normal & dwarf progeny from **dwarf dams** 075317
Dwarf mistletoe on balsam fir. [Arceuthobi- 079536
simulation programs for **dwarf mistletoe-**inf- 079574
on alkali supply of Pinus **pumila dwarf** pines 076851
infectivity of complete maize **rough dwarf** vi- 079204
of apartment plants: **Dwarf Sansevieria.** 078787
Studies on crosses between **dwarf** & **tall** ind- 077134
fertilizer requirement of **dwarf varietie** s of r- 078366
of apple varieties on **dwarf** & **vigorously** gr- 078195

DYES
evaluation of protein quality by **dye-binding** 073743

by measurement of carbaryl **deposit, dye** dis- 078945

DYING
SEE DEATH

DYSDERCUS
ovarioles of **Dysdercus intermedius** Dist. (H- 080445
Migratory flights of **Dysdercus voelkeri** Sc- 080228
Migratory flights of **Dysdercus volkeri** Sch- 080229

DYSENTERY
possibly associated with **swine dysentery** & 075915
r as an aid in diagnosis of **swine dysentery.** 075995

DYSMICTOCARABUS
to knowledge of **Dysmictocarabus solieri** Dej 080544
to knowledge of **Dysmictocarabus solieri** Dej 080545
Dysmictocarabus solieri clairi Gehin: Labell- 080547

DYSPEPSIA
SEE INDIGESTION

DYSPLASIA
Results of control against **hip dysplasia** in 076057
early diagnosis & therapy of **hip dysplasia** & 076067
Some cases of hip **joint dysplasia** of dogs. 076063

DYSTOCIA
Predicting dystocia in first-calf heifers. 075219

DYSTROPHY
with hereditary **muscular dystrophy.** 076021

EARS
Control of mouse-**ear chickweed** (Cerastium 079583
a new way of fighting fleas & **ear mites** in f- 080014

EARTH
of pedology in education of **earth science** in 072688
Cave cricket activity rhythms & **earth tides.** 080330

EARTHWORMS
Distribution of **earthworms, molluscs** & cent- 080168

EATING
of sodium pentobarbital on **eating behaviour** 074700
Cutworms--**big eaters** & big menace to suga- 079744
Feather eating & cannibalism in poultry & 076121
People are **eating** more **lettuce.** [Consumpti- 073295
of roughage on rate of **eating** during a **meal** 074984

EBENACEAE
virginiana, Ebony family (**Ebenaceae**). 078763
On an **endemic Ebenaceae** from Madagascar 077530

EBONY
Diospyros virginiana, **Ebony family** (Ebenac- 078763
Drosophila melanogaster & a **mutant, ebony** 080320

ECDYSIS
on apolysis & **ecdysis** of **various** Crustacea I- 080324

ECDYSONE
Effects of **ecdysone analogues** on developme- 080319
Effects of **ecdysterone** on **apolysis** & ecdysis 080324

ECHINOCHLOA
ecology & distribution of **Echinochloa crus** 076861
crops & lucerne. [**Echinochloa crus**-galli]. 079557

ECOLOGY
technology, economics, & **ecology.** 076337
Cartography geomorphological & **ecology.** [076843
Truffle: Its **ecology.** [Culture]. 078618
Maps of soils & **ecology.** 081104
You & we & this business of **ecology.**[Food 081815
On presence & **ecology** of **Amathes** sincera 080540
A comparative **ecological analysis** of soil M- 080447
Ecological approach to study of tick-borne 080023
Ecology of **artichoke** apion, Apion carduroum 080183
Some **ecological aspects** of malaria in Califo- 079983
Ecological aspects of virus infection in insec- 080231
Studies on certain **ecological aspects** of soil 081044
Ecology & behavior of lone star tick (Acari- 080347
Certain ecological principles of tetranychid 079674
Studies on **certain ecological** aspects of soil 081044
On some faunistic & **ecological characters** of 080645
A **comparative ecological** analysis of soil M- 080447
Influence of **ecological conditions** on cows d- 075399
sociological, & **ecological considerations.** 076336
Ecological crisis, agriculture, & soil fertility 081545
Breeding cocoa for **different ecological** needs 077049
Ecological distribution of mycorphizas of Pi- 076857
Some comments on **ecology & distribution** of 076861
Ecological effects of aquatic herbicide Fenac 079550
Ecology & ethology of different species of T- 080440
with notes on their **ecology & evolution** (In- 080233
Vegetation & **ecology** of a **forest** spring com- 076877
Ecological foundations of intensification of f- 081444
wheat under various **ecological-geographical** 077175
to Government of Iran on **ecology** of **grain** 079690
Ecology of **growth** in Beckeropsis uniseta (077705
subgen. nov.: identity, **hosts, ecology,** & dist- 080572
Landscape ecology & vegetation studies in o- 076827
Map showing **ecological limitations** of Pinus 076844
Ecological management of thermal dischargs- 080742
Some data on **ecology** of **mire** vegetation. 076831
of research results of **modern ecology** for bi- 079427
Ecological morphology of certain medicinal 076976
Breeding cocoa for different **ecological needs** 077049
Ecological observations on hibernation of p- 079624
of Niepolomice Forest. [**Plant ecology**]. 076812
desert in dry tropical Africa. [**Plant ecology** 076813
Notes on equatorial **plant ecology** of "louss- 076814
study of vegetation habitat. [**Plant ecology**] 076826
Certain **ecological principles** of tetranychid 079674
Development & **ecology** of **Raphidiopsis** me- 076872
of Filaria & their **ecological relationships** wi- 080170
as a means for **ecological research.** [Plants] 076842
Vegetation & **ecology** of **Scharze** Moor (Rh- 076828
Map **showing ecological** limitations of Pinus 076844
Some **soil ecological** & environmental conse- 076466
techniques for restoration . [**Soils, ecology**] 081540
On **ecology** of some little-**studied** species of 080162
Ecological studies on Borreria articularis (L- 076850
Ecological studies on peach Phomopsis rot. 078931
Ecological studies on chestnut twig borer, T- 079793
Ecological studies on insects infesting wheat 079941
Ecological study & vegetation mapping of R- 076853
Ecological study of muscicolous Collembola 080437
enemies, resistance, & **ecological techniques** 079639
Pathology & **ecology** of **Tegonotus** hassani 079869
Ecology of **tick** Ixodes gibossus nuttal, 1916 080208
Studies on **ecology** of **treehole** mosquito Ae- 079974
of winter wheat under **various ecological-ge-** 077175
Ecological & zoogeographical study of Sphi- 080542

ECONOMICS
procedures: Technoology & **economics.** [Bear 073814
for disease prevention is good **economics.** 075489
processing in system of **economic accounting** 072865
Improving **economic accounting** under condi- 072870
Problems of **economic accounting** in agrarian 072871
of introduction of **economic accounting.** [Sta- 072872
Specialization & **economic accounting** of for- 076494
of internal **economic accounting** in collective 076693
specialization. [**Agricultural economics**]. 072741
price situation dept. of **agriculture economic** 073321
meat situation dept. of **agriculture economic** 073375
modification: an **economic alternative** for au- 081873
Economic analysis in system of administrati- 072813
Economic analysis of dairies in James Craik 073052
An **economic analysis** of selected agricultural 080745
Economic analysis of atmospheric pollution: 081840
An **economic approach** to treatment of bovi- 075899
Some **economic aspects** of mechanical cane 072995
Some **economic aspects** of Cox's Orange Pi- 073037
Some **economic aspects** of dried forage as an 073070
Certain technical & **economic aspects** of gre- 078690
of Council for Mutual **Economic Assistance.** 073461
of Council for Mutual **Economic Assistance** 073463
of Council for Mutual **Economic Assistance.** 073470
of Council for Mutual **Economic Assistance** 076305
of Council for Mutual **Economic Assistance.** 076306
of Council for Mutual **Economic Assistance** 076307
Council for Mutual **Economic Assistance** co- 076308
of Council for Mutual **Economic Assistance.** 080737
of Council for Mutual **Economic Assistance** 081543
Economic basis for acreage structure. 072744
Economic basis for optimum composition of 072958
Technical-**economic basis** for pneumatic con- 073100
forage crops--yeild & **economic benefit.** 081346
Economic benefits from tourism & use of fo- 076318
Better economic results by intensified prod- 073308
evaluation of **economic & biological** charact- 078518
will mean an **economic catastrophe** for food- 073491
Technical & **economic characteristics** of pro- 074209
in European **Economic Community** countries 072768
with European **Economic Community.** 073238
of European **Economic Community?** 073260
for welfare of **Economic Community.** [Dairy 073277
expensive? [European **Economic Community** 073284
world trade, European **Economic Community,** 073310
of European **Economic Community** on milk 073316
concerning European **Economic Community** 073403
victorius? [European **Economic Community**] 073425
Turkey, & European **Economic Community** 073513
policies of European **Economic Community.** 073526
of enlarged European **Economic Community** 073533
of European **Economic Community** for offici- 073675
pattern? [European **Economic Community**]. 075708
from European **Economic Community.** V. [P- 079422
of beans in European **Economic Community** 080811
Comparative economic efficiency of wheat v- 073049
recycle process & its **comparative economics** 081353
Economic competition of two world systems 072739
On equalizing **economic conditions** of operat- 072959
Equalizing **economic conditions** of conversion 073011
cooperation games in **economic cooperation** 073357
policy of control from **economic criteria** of i- 076250
Economics of **crop** rotation in bundelkhand 078367
Method of **determing economic** effectiveness 081412
Factors **determining economic** efficiency of f- 081451
of regions of new **economic development**--ba- 072756
of differences in **economic development** of s- 072952
Do economic regulations for improvement of 076301
H business enterprise--an **economic drawba-k** 072787
Economic effect of neglecting protective qua- 073008
of view of production & **economic effect** & w- 074438
Economic effectiveness of irrigation & fertil- 073048
Economic effectiveness of applying fertilizers 073056
Recording **economic effectiveness** of applying 073058
Economic effectiveness of production of graf- 073084
on increasing **economic effectiveness** of pork 073098
Economic effectiveness of allocation of horti- 073107
Economic effectiveness of equalizing costs of 073118
Economic effectiveness of centralized delive- 073119
Zootechnical & **economic effectiveness** of in- 075413
Method of determing **economic effectiveness** 081412
Farm size, **economic efficiency,** & social just- 072796
Technical & **economic efficiency** of harvesti- 072905
increase of **economic efficiency** in agriculture 072920
Comparative **economic efficiency** of wheat v- 073049
Some aspects of **economic efficiency** of acti- 079378
Factors determining **economic efficiency** of f- 081451
Economics of use of **electricity** in agriculture 080756
Economic & environmental considerations in 072979
Environmental, economics, & physical consi- 081826
On **equalizing economic** conditions of operat- 072959
Equalizing economic conditions of conversion 073011
of farm structures in **European Economic** C- 072768
Trade agreement with **European Economic** 073238
in potato marketing of **European Economic** 073260
more expensive? [**European Economic** Com- 073284
Sugar, world trade, **European Economic** Co- 073310
of enlargement of **European Economic** Com- 073316
Information concerning **European Economic** 073403
become victorius? [**European Economic** Co- 073425
industry of Turkey, & **European Economic** 073513
policies of **European Economic** Community. 073526
production of enlarged **European Economic** 073533
standards of **European Economic** Community 073675
to British pattern? [**European Economic** C- 075708
Information from **European Economic** Com- 079422
harvesting of beans in **European Economic** 080811
Economic evaluation of alternative organizat- 072968
Economic evaluation of beef cattle producti- 072986
On **economic evaluation** of new varieties & 073085
Economic evaluation of production & purch- 073099
Economic evaluation of use of farm tractors 073105
Economic evaluation of finewool sheep bree- 073106
On **economic evaluation** of new varieties & 077180
Programing model for **evaluation economic** 081744
Some models for **economic evaluation** of env- 081842
operation & **economic evalutation** of large-s- 076277
Technical & **economic factors** in export of 076430
tendencies of social **economic farm** structures 072785
Results & goals of fruit-**growing economics.** 073185
Some notes on **horticultural economics.** 49. 072799
Some notes on **horticultural economics.** 48. 073174
its possible socio-**economic impact** in India. 072719
New **economic impact** of new industry on ru- 073552
Selected **economic implications** of alternative 073550
Economic importance of secondary noxious 076230
nematodes in crops of **economic importance** 079352
Major insects of **economic importance** in Q- 079634
Economic importance of secondary noxious 079915
Improving economic accounting under condi- 072870
On **improving economic** relationships betwe- 072941
Some problems on **increasing economic** effec- 073098
Socialistic **economic integration** & developm- 073462
Results of introduction of **internal economic** 076693
Nature & **economic interrelations** of repair 072858
On **economic interrelationships** among farms 073121
Economic intersectorial tables of food indus- 073628
southern California desert. [**Economic losses** 073002
information represented by **Economic Map** 076324
Marketing economics research publications; 073323
countries of Council for **Mutual Economic** A- 073461
countries of Council for **Mutual Economic** A- 073463
countries of Council for **Mutual Economic** A- 073470
countries of Council for **Mutual Economic** A- 076305
countries of Council for **Mutual Economic** A- 076306
program of Council for **Mutual Economic** A- 076307
Council for **Mutual Economic** Assistance co- 076308
countries of Council for **Mutual Economic** A- 080737
countries of Council for **Mutual Economic** A- 081543
Economic outlook for nursery industry. 073448
production cycle in view of **economics** of **pig** 075032
seed production of **economic plants** in Pola- 077120
of cereal production from **economic point** of 072810
from point of view of **economic policy.** 072786
Agricultural prices from **economic-political** 073213
Tudors & church lands: **economic problems** 072733
Biological & **economic production** in radiata 076369
Recording economic effectiveness of applying 073058
Do **economic regulations** for improvement of 076301
Effects of **economic regulations** of forestry in 076303
Economic regulations & transition to produc- 076304
wood utilization for **economic regulations** du- 076311
On improving **economic relationships** betwe- 072941
Rural **economic research:** new frontiers for 072776
dept. of agriculture **economic research** servi- 073321
Marketing **economics research** publications; 073323
dept. of agriculture **economic research** servi- 073375
Economic results of various production spec- 072894

Better **economic results** by intensified prod- 073308
Rural economic research: new frontiers for 072776
Selected economic implications of alternative 073550
Farm **size, economic** efficiency, & social just- 072796
Development tendencies of **social economic** 072785
Economic & social projects with environme- 081843
Socialistic economic integration & developm- 073462
III. Its analyses by S.E.S. [**Socio-Economic** 072661
in agriculture & its possible **socio-economic** 072719
analyses by S.E.S. [Socio-**Economic Status**] 072661
Economics of **swine** production. 073067
Technical-economic basis for pneumatic con- 073100
wood-fiber production: **technology, economics,** 076337
atmosphere on some **economic traits** & beha- 074757
Scientific work in **economic valuation** of land 072745
Economic valuation of cooperative business 072935
in hen house: an **economic viewpoint.** 074397

ECONOMIES
for development of **dualistic economies.** 073082
Structure of **rural economies.** [Louisiana]. 072760

ECONOMISTS
Specialist & **economist** of **collective** farm. 072835

ECONOMIZATION
Use of **economised fertilization** & cultivation 078319
Trends of intensive & **economised nitrogen** f- 081350
Can we **economize** on **protein** fed to broilers 074998

ECONOMY
of agrarian policy & **agrarian economy** of G- 072731
out of joint: Effects on **economy** of **animal** 073315
Economical application of nitrogen doses in 081338
as a result of fixed **assets economy** & labour 072889
Economical building types for dairy cattle h- 080703
hemp with **economical characteristics** of are- 073074
Cooperatives & individual **domestic economy** 073464
Lease in a **dynamic economy.** [Land]. 072750
Economy of **expenditures** in animal industry 073143
in grassland farming: **Farm economical** view- 072904
On **economy** of **fattening** cattle: A descripti- 072903
Deficiencies of **forest economy.** [Austria]. 076240
Market economy or planned economy? 073330
Place of agriculture in **national economy.** 072747
Operational economical valuation of different 072934
Market economy or **planned economy?** 073330
Economical reflections on mass freezing of 074119
An **economical series** method for establishing 077376
technical & **economical significance** of insem- 075232
supplement--**economical, sociological,** & ecol- 076336
Agriculture in **economy** of **Soviet** Republics 072758
U.S. **soybean economy** in 1980's. 073374
forest management **supplement--economical,** 076336
an **economical** means of **transportation.** 080917
Operational **economical valuation** of different 072934
Economical valuation of fats used in animal 073264
farming: Farm **economical viewpoints.** 072904
Wheat in **Washington economy;** an input-ou- 072964
Water economy of young forest plants ater 078208
Research Institute of **Water Economy.** [Irri- 081716

ECOSYSTEMS
Life in tall trees. [**Ecosystem**]. 076871
Plutonium & **aauatic ecosystems.** 081784
Studies on **forest ecosystem.** Series E: Fores- 076845
of herbicides in **natural ecosystems.** 079547
of tidal marsh. [**Vegetation, ecosystem**]. 076864

ECOTYPES
of stomata in leaves of **different ecotypes** of 076927
Katherine, N.T., **ecotype** of **Eucalyptus** cam- 076370
on leaves of Canada **thistle ecotypes.** [Cirsi- 079596
A summary of **ecotypic variation** in Eucalyp- 078218

ECTODERM
by mesoderm-**ectoderm recombinations.** 075259

ECTOPARASITES
study of polyphagy of **ectoparasitic acarian** 079670
Ectoparasites of **Citellus** undulatus with res- 080045
Ectoparasites of **dogs** & cats in Iran. 079986

EDEMA
Control of **edema disease** of baby pigs. 075723
of myoglobin in cases of **edema disease** in b- 075940

EDIBLE
SEE FOOD

EDUCATION
on professional **agricultural education** consi- 072656
effectiveness of **agricultural education.** 072693
on planning on higher **agricultural education** 072702
Present state of higher **agricultural education** 072705
examination" in agricutural education. 072631
medicine" in veterinary **education centres** in 075496
Dietetic education programs for pre-school 073717
On role of pedology in **education** of **earth** sc- 072688
instruction for **extension education** use. 072686
Forestry education in Austria 1918-1972. 076177
Methods & kinds of **nutrition education** (19 073766
sociological studies on **nutrition education.** 073788
Education & research needs in natural resou- 081821
attitudes toward range **science education** & 072676
as well as problems of **education & training.** 072621

EELWORMS
Some host plants of **burrowing eelworm,** Ra- 079653
fertilizers on stem **eelworm Ditylenchus** dip- 079233
systems are answer to **potato eelworm.** [He- 079245
rostochiensis larvae. [**Potato eelworm**]. 079351
of different forms of **stem eelworms,** III. Cr- 079363
of mineral fertilizers on **stem eelworm** Dity- 081313

EFFLUENT
Screening of **effluents.** [Wood pulp mills, wa- 081855
of cleaning of **effluents** from a **cardboard** mill 081781
or irrigation with flax **industry effluents** usi- 078463
Effluents from **malting** & brewing. [Pollution 081809
sludge recovery from total **mill effluent.** 081853
of purified or regenerated **retting effluents** f- 074195
Effluent storage & disposal from intensive p- 081859
shelters using power plant **thermal effluents** 080739

EGGPLANTS
of Aphis gossypii Glover in **eggplant** (Solan- 079832
attempt to develop a new **eggplant variety** t- 077016

EGGS
Marketing channels for **eggs.** 073325
Egg yolk changes during preservation of **egg** 074062
Characterizing shape of a hen's **egg.** 074717
complex during incubation of hen's **eggs.** 075323
cesium] in poultry organisms & in hen's **eggs** 073589
functional properties of **chicken eggs.** 074077
illumination of incubating **chicken eggs** on 074728
of inbreeding on quality of **chicken eggs.** 075351
of acid penetration into **egg components** & 074066
activity in development of **eggs** in **Culex** fat- 080250
on selection of method of **egg determination** 074238
Optimum temperature for **egg development** 075709
Turning of **eggs do** not improve incubation. 074401
index versus hatchability of **fertile eggs** of J- 075324
of coloured nests on frequency of **floor eggs** 074734
from viscera, feces & **eggs following** oral ino- 073664
energy requirement & **egg formation.** [Poult- 074939
gallisepticum for embryonated **fowl eggs.** 075841
Trichogramma spp. in reducing **egg hatch** of 079699
laying performance on **eggs hatchability.** 074576
revenues in production of **hatching eggs** in l- 073072
record books: production of **hatching eggs** fr- 073355
revenues in production of **hatching eggs** in l- 075321
with guanidine hydrochloride. [**Hen egg**]. 074064
determination of calcium in **hen egg**-shells. 074526
composition & defects of **eggs** from **hens** fed 075062
composition of **eggs** from **hybrid** & purebred 074081
Hatching of Meloidogyne **incognita eggs** in 079312
A study of pollution of new-**laid eggs** of hen, 073669
of cytochrome system of **egg** & **larva** of catt- 080198
Line cross tests for **egg laying** capacity of 075206
Pickled eggs. 1. PH, [hydrogen-ion concent- 074066
of systemic insecticides on **eggs** of **Pieris** ra- 079826
Sperm penetration of **pig eggs** in utero. 075282
Poultry & **egg pigmentation.** 073676
Bombyx mori L.) **eggs preservation** in clima- 080682
Results from record brooks: **egg production,** 073353
Rise in **egg production.** 073360
light & dark cycles on **egg production** in fowl 074741
Egg production in hens continuously irradia- 074778
Effect of different cereals on **egg production** 074951
ascorbic acid & sulfate on **egg production** & 075045
Effect of vitamin E on **egg production,** hatc- 075066
Breeding for **egg production.** [Poultry]. 075201
of changing protein level on **egg production.** 075050
for Salmonella oranienburg in **egg products.** 073663
levels of temperature on **egg quality** during 073683
coatings on shell strength & **egg quality.** 074078
Trichogramma spp. in **reducing egg** hatch of 079699
Nature & probable cause of **rough egg** shells 074743
of poultry on certain indicators of **egg shell** 074063
quality & flavor of hard-cooked **shell eggs.** 074076
Changes in **egg shell** quality & pesticide con- 075061
determination of calcium in hen **egg-shells.** 074526
Nature & probable cause of rough **egg shells** 074743
on methods of preservation of **silkworm eggs** 080680
of broilers raised from **standarized eggs** to s- 074801
of respiratory mechanism of **tetranychid eggs.** 080453
Effect of **egg weight** on eight-week body wei- 075317
Effect of various feed on **egg yield** of guinea 074877
Egg yolk changes during preservation of egg 074062
heated, spray dried, & sonicated **egg yolk.** 074073
oil on fatty acid composition of **egg yolk,** ad- 075049
of cow manure on pigmentation of **egg yolks** 075039

EICHHORNIA
hyacinth: an annoying weed. [**Eichhornia**]. 079521

EIMERIA
coccidiosis (Eimeria tenella, **Eimeria mitis**) 075599
should be prevented. [**Eimeria, sheep**]. 075690
Development of **Eimeria zuernii** in cell cult- 075696

EJACULATION
after treatment of **ejaculates** with **chemical** 075291
collected by artificail & **electro-ejaculation** f- 075192
on specific resistance of **ejaculate measured** 075309

EKATIN
"ekatin" for disbudding of Chrysanthemums 078039

ELASTICITY
Elasticity of **bread** crumbs. 074115
of income distribution on **income elasticity** of 073150
evidence on changing **income elasticity** of d- 073343
Dynamic modulus of **elasticity & pulse** cons- 076488
determining odulus of **elasticity of structural** 076570
Relative amounts of **elastic tissue** & smooth 074618

ELATERIDAE
Elateridae fauna of higher Vogelsberg Natu- 080539
Linnaeus, 1767 (**Elateridae, Semiotinae**). 080420

ELBOWS
Traumatic dislocation of **elbow.** [Cats]. 076152
of serious of old fractures of **elbow** by **total** 076130

ELDERBERRIES
nucleic acid components of **elderberry latent** 079176

ELDERLY
children, adolescents, **adults, elderly?** entire 073727

ELECTRICITY
in use of **electricity** in **agricultural** producti- 080755
Economics of use of **electricity** in **agriculture** 080756
Study of morphology of cardiac **electric axis** 075510
An **electric** five-**component** measuring device 080829
Connection with **electrical energy** & its dan- 080713
Electrical engineering groups under cost acc- 072823
house: Installation systems for **electric floor** 080791
Use of **electric & heat** energy by agriculture 080737
Electrical heating of massecuites. 074210
malt coffee by an **electric measuring** method 073887
moisture ratio in **electrical parameters** of so- 081265
waste heat from stream **electric plants** [Agr- 080740
of using "non-peak" **electric power** for supp- 080774
Electricity pushes forward farm in silence & 080777
Measurements of **electric resistance** of cell 076898
behaviour elicited by **electrical stimulation** of 075038

ELECTRIFICATION
electrification of **agriculture.** 080963
systems in districts. [**Rural electrification**]. 072823
silence & with profit. [**Rural electrification**] 080777

ELECTROCARDIOGRAPHY
Clinical, electrocardiographic & radiologic a- 076055
Normal electrocardiogram of cat. 074586
Normal electrocardiogram of German Shep- 075510
An **electrocardiographic study** of normal sh- 074696
An **electrocardiographic study** of normal goa- 074697
evaluating **vector-electrocardiogram** by mea- 075463

ELECTRODES
in soils.1. Study of silver **chloride electrodes** 081005
simultaneously with **external electrodes** & m- 076898
ejaculate measured by four-**electrode method** 075309
beet with help of their **specific electrode.** 077712
An **electrode system** for transient dispersion 081089

ELECTRODIALYSIS
evaporator body by means of **electrodialysis.** 074247

ELECTROENCEPHALOGRAPHY
Notes on **abnormal electroencephalograms** in 074719

ELECTROGENESIS
braunii have an **electrogenic oomponent.** 077383

ELECTROLYSIS
Effect of **electrolytic lesions** in various regi- 074751

ELECTROLYTES
Effects of **electrolyte treatments** & dry-chill- 074068

ELECTROMETRY
Electrometric methods of determining acitiv- 081005

ELECTRONICS
dispensing by means of **electronic calculator** 075022
by means of **electronic data** computer. 075463
concerning application of **electronic data** pr 076302
Metabolism cage with **electronic feeding** & 074844

ELECTRONS
Electron diffraction measurement of degree 074221
by scanning reflection **electron microscope.** 076879
using light & scanning **electron microscope.** 076923
Electron microscopic & serological studies 075783
of Hamamelididae) **electron microscopic** inv- 076798
Electron microscopic observations of cultur- 076891
A light & **electron microscopic** study of spo- 076974
Electron-microscopic investigations of respi- 080453

Electron microscopy of cured & fermented c- 074227
quail for transmission **electron microscopy.** 074724
of pollen by scanning **electron microscopy:** s- 076886
granules as seen by both **scanning electron** 073910
of Sinapis alba on **electron--transport** comp- 077621

ELECTROPHORESIS
Unusual **electrophoretic behavior** of proteins 080666
secretion. I. **Electrophoresis, dialysis** & pro- 075327
Technic of **disc-electrophoresis** for differenti- 075984
of heat in situ on **electrophoretic patterns** of 077761
Electrophoretic study of fresh, heated, spray 074073
A trimetric & **electrophoretic study** of cowp- 079178
of "short-time, low **tension electrophoresis"** 073839
of polyvalent sera & **electrophoretic tests.** [075386

ELECTROPHYSIOLOGY
Electrophysiology of a new **carrion** receptor 080307
Electrophysiological correlates of attraction 080318
Electrophysiology of **retina** of Periplaneta 080304
Electrophysiology of **retina** of Periplaneta 080305
An **electrophysiological study** on hearing & 074718

ELECTROSTATIC
cucumber seeds in an **electrostatic field** acco- 078192
seeds of cereal crops in **electrostatic field.** 074229

ELEMENTS
associated with deficiency of these **elements.** 075031
magnesium, & trace **element applications** on 081518
of copper & other **elements** in **butter.** 073700
in relation to time of **carrying element** in b- 074702
Investigation of some local **climate elements** 076207
by thermal water on minor **element content** 081184
A comparison of **elements** in **cured** tobacco 074172
Leaf roller-moth: **Elements** of **forest** policy 076250
Determination of **mineral elements** in some 073914
Minor elements in some soils of agricultural 081177
by thermal water on **minor element** content 081184
Selenium: **necessary element** in feed. 075026
An exploration of **phanerogamic elements** al- 076688
yield & level of these **elements** in **plants,** & 078162
Elements of a **programmed** integral fruit cul- 078638
Elements of **Scientific** Organization of Labor 072973
leaching degree of **several elements** of volca- 081116
requirements for minerals & **trace elements** 073755
Survey of **trace elements** in food. VII. Selen- 073866
Trace elements in food. X. Molybdenum. 073867
Trace elements in food. IX. Boron. 073868
I. Determination of **trace elements** by means 073914
Minerals & **trace elements** in serum or pla- 074601
Regional distribution of **trace elements** in n- 077729
Daucus carota. Vc. Effects of **trace elements** 078140
Manganese: vital **trace element.** [Sugar beets 079251
of humus substances with **trace elements** in 081194
of limestone, magnesium, & **trace element** a- 081518
significance of **elements** of **trichome** of nerv- 076885

ELEPHANTS
Palatability of **elephant grass:** pennisetum p- 074891

ELEVATORS
of infestation in **elevators, warehouses** & flo- 079938

ELMS
Dutch **elm disease** control. [Dieback, Cerat- 078990

ELODEA
SEE HYDROCHARITACEAE

ELONGATION
Effects of proflavine on **cell elongation** & 078108
ion-concentration]-**induced elongation** in Av- 077862
auxin transport & auxin-**induced elongation** 077881

ELONGATUM
Roem. et Schult. with **Agropyron elongatum** 077232
Misdivision of an **Agropyron elongatum** chr- 077258

ELUTION
Frontal elution liquid chromatography of a 073875

EMBEDDING
Epoxy embedding, sectioning & staining of 076996

EMBRYO
in hens continuously irradiated as **embryos** 074778
of Euonymus europaeus L. **Embryos.** 078176
Apple embryo dormancy in relation to ther- 078106
Breaking of dormancy of **apple embryo** (Pir- 078143
sequences in DNA of normal **avian embryos** 075958
composition of germinating **barley embryo.** 077822
on development of **cherry embryos** (Prunus 077006
Aryl hydroxylase induction in **chick embryo** 074563
hypothermia in 14-day **chick embryo.** 074727
in cells of membranes of **chick embryos.** 075600
Microphthalmia in triploid **chicken embryos** 074613
on subsequent livability of **chicken embryos:** 074725
trisomy mosaicism in **chicken embryos.** 074736
of muscle complexus in **embryos** & **day**-old 076040
Apple **embryo dormancy** in relation to ther- 078106
study of germination in **dormant embryos** s- 078176
mature plants from **embryos excised** from d- 077670
relation to establishment of **flower embryos** 077610
DNA metabolism in **germinating embryos** of 077627
cytokinins on production of **haploid embryos** 077620
of shoots, roots & **embryos** in **leaf** & stem c- 078100
pyruvate by two-cell **mouse embryos.** 074667
during oestrous cycle on **ovulation, embryo** 074976
Wheat-**embryo ribonucleates.** I. Subcellular 077706
of cereals. I. Growth of **embryo roots** in init- 077741
of cereals. II. Growth of **embryo roots** at di- 077742
of germination in dormant **embryos species.** 078176
cycle on ovulation, **embryo survival** & anter- 074976
Use of **embryo test** for analysis of embryonic 077218
Wheat-embryo ribonucleates. I. Subcellular 077706
of germinating **wheat embryos.** 077730
of proteins in developing **wheat embryo** dur- 077752
of phenylalanyl-tRNA to **wheat embryo** ribo- 077871

EMBRYOGENY
Capsella [bursa-pastoris L.] **embryogenesis:** 076941
endosperm & **embryogeny** of **aphanamixis** p- 076783
variability in **embryogenesis** of **domestic** fowl 074740

EMBRYOLOGY
Studies in **embryology** of **family** Meliaceae.- 076783
Embryological investigations on sugar beet 077097

EMBRYONY
Post-**embryonic changes** in central nervous 080415
development of tibia in **embryonic chick.** 074540
Induction of **embryonic death** in sheep by in- 075263
chicken eggs on **embryonic development.** 074728
gallisepticum for **embryonated fowl** eggs. 075841
Metabolism of DDT in **human embryonic** lu- 080098
test for analysis of **embryonic lethals** induc- 077218
seminal vesicle fluid on **embryonic mortality** 075246
Embryonic mortality in post-parturient dom- 075279
Poly-embryonic rootstocks for mango. 078588
protein syntheses in **embryonic sheep** skin c- 074799

EMILIA
SEE COMPOSITAE

EMISSION
existing kraft recovery units for **air emission** 081857
Acetabularia. Study of **fluorescence emission** 077540
fluorides by insects near an **emission source** 080240

EMPHYSEMA
of acute bovine **pulmonary emphysema.** 076043
Acute **pulmonary emphysema** of cattle. 076044
fever" (acute bovine **pulmonary emphysema)** 076097
cases of interstitial **pulmonary emphysema.** 076100

EMPLOYMENT
Impact of **extending unemployment** insuran- 072984
microingredients for **feedstuffs employed** in 075105
manufacturing **employment following** public 073523
development: **employment** & **output** conside- 072966
agricultural promotion & on **job training** by 072654

EMPOASCA
to leafhopper, Amrasca (=**Empoasca**) devas- 079831

EMULSION
Meat emulsions. 074026
of organism. I. Effect of **tissue emulsion,** vit- 074810

ENAMEL
Enamel hypoplasia of deciduous incisor teeth 076108

ENCEPHALITIS
for Venezuelan equine **encephalitis activity** 080036
I. Isolation of tick-**borne encephalitis** (TBE 079947
approach to study of tick-**borne encephalitis** 080023
in 1971 Venezuelan **equine encephalitis** outb- 079969
Knab. [Venezuelan **equine encephalitis** virus 080006

ENCEPHALOGRAPHY
value of E.E.G. [**Electro-encephalogram,** sm- 076080

ENCEPHALOMYELITIS
Venezuelan **equine encephalomyelitis** virus i- 075729
Venezuelan **equine encephalomyelitis** virus i- 075730

ENCEPHALOPATHY
for arterial walls. [**Turkeys, encephalopathy** 076289

ENCYRTID
merceti (Compere(, an **encyrtid parasite** of 080403

ENDEMIC
On an **endemic Ebenaceae** from Madagascar 077530
by iodine defieciency. [**endemic goiter,** cattle 076070

ENDOCARDIUM
a causative agent of **endocarditis** & **arthritis** 075871

ENDOCRINE
Role of nutrition & **endocrine activity** in de- 080250
system & retrocerebral **endocrine glands** of 080293

ENDOGENY
Possibility of **endogenous control** of winter 077699
Changes in **endogenous growth** regulating s- 077978
Changes in **endogenous growth** regulators in 078223
Measurement of **endogenous leukosis** virus 075958
Endogenous levels of growth regulators & t- 078098
placenta towards **endogenous prolactin.** 075338

ENDOMETRIUM
in epithelial cells of **sheep endometrium.** 074645

ENDOPEPTIDASES
Isolation of an **endopeptidase** from **aging** to- 077966

ENDOSPERM
acid species from **castorbean endosperm:** in- 077858
Meliaceae.-IV. **Fertilisation, endosperm** & 076783
Hexokinase from **maize endosperm** & scutel- 077864
sybthesis by Lolium **multiflorum endosperm** 077897

ENDOTOXINS
Escherichia **coli endotoxemia** in conscious c- 075617
Effect of **endotoxin** & **dietary** phosphorus on 075689
term challenge with **endotoxin** on **growth** of 075593
challenge with **endotoxin** on **infectious** mink 075594
thuringiensis delta-**endotoxin** on an **insect** p- 080105

ENERGY
Aerodynamic & **energy balance** comparisons 077644
Supply of plant mass & **energy** of **Betula** fo- 078199
Factorial method to **calculate energy** requir- 075157
pullets. 2. Restricting **energy consumption.** 075042
feed-, crude proteinand **energy-consumption** 076348
Metabolizable **energy content** of rapeseed oi- 075037
Influence of **dietary energy** source on perfo- 075063
Consumption normatives of **electirc energy** 080738
Connection with **electrical energy** & its dan- 080713
Checking systems of **energy evaluation** of ra- 075150
Expenditure of time & **energy** in **grape** prun- 078868
Use of electric & **heat energy** by agriculture 080737
as feeds for dairy cattle. I. **High-energy.** Hi- 074940
in laying hens. I. effect of **high energy** & res- 075158
Feed requirement **including energy** requirem- 074939
Interrelationships between **energy indices** & 080987
Effects of protein & **energy intakes** on wool 074868
Energy level associated with light-triggered 078007
of poultry manure: **Metabolisable energy** of 075076
of dehydrogenases of **energy metabolism** in 078139
Metabolizable energy content of rapeseed oi- 075037
in estimates of **metabolizable energy** value of 075060
chicken reheated by **microwave energy.** 074070
Quantitative analysis of **energy, moisture** & 080766
Energy phosphoric compounds in plants. II. 077416
On active **photosynthetic energy;** its use by 077684
as a basic source of **energy** & **powdered** skim 075125
Energy & **protein** utilization in forages fed 074963
gains, feed-, crude **proteinand energy-consu-** 076348
study of leaf canopy optics. [**Radiant energy** 077430
requirement including **energy requirement** & 074939
method to calculate **energy requirements** of 075157
maturity of pullets. 2. **Restricting energy** co- 075042
Influence of dietary **energy source** on perfo- 075063
Energy supplementation in winter pasture. 075096
of chicks on diet with **unbalanced energy** & 076026
of phosphates on **energy utilization** by chicks 075054
in estimates of metabolizable **energy value** of 075060
Influence of an **energy variance** & crude pro- 076348

ENGINEERING
Agricultural engineering documentation & in- 080728
Agricultural engineering highlights in North 080748
Engineering aspects of cocoa drying in Braz- 073907
problems of **engineering cadres.** 072948
solid waste disposal & **civil engineering.** 073822
Electrical engineering groups under cost acc- 072823
small-scale maps of **engineering evaluation** of 081801
A life for **forest engineering,** professor Dr. 076179
Institute of **Horticultural Engineering;** annu- 080948
agricultural tractors of **engineering interest.** 080895

ENGINEERS
Tasks of **agricultural engineers** in socialist f- 080714
Basic knowledge for **agricultural engineers.** 081155
at corps of **engineers recreation** areas. 081874
involvement in Crops of **Engineers, water** re- 081734

ENSILAGE
SEE SILAGE

ENTERIC
Bovine parasitic gastro-**enteritis/bronchitis:** 075914

ENTEROBACTERIACEAE
Genus Erwinia: **enterobacteria pathogenic** to 075635

ENTEROTOXINS
calf neonatal diarrhea: **Enterotoxic activity** 075854
Growth & **enterotoxin production** by various 073640

ENTEROVIRUSES
properties of **enteroviruses isolated** from sw- 075930

Enterovirus neutralizing activity in milk of 075840

ENTOMOLOGY
Scientists contributing to **forest entomology** 079880

ENTOMOPHAGOUS
of arrival of **entomophagous insects** to trees 079889

ENTROPY
diagrams & sacher's **entropy function.** [She- 075709

ENVIRONMENT
vigor depend upon level of **environment?** [B- 075222
quality & cost in relation to **environment.** 078685
Pesticides & **environment.** 080106
tpreparation & its behavior in **environment.** 080111
nitrogen fertilizer & **environment.** 081314
Irrigation & **environment.** 081674
Water & **environment.** 081677
for economic evaluation of **environment.** 081842
hybrids in East **African environments.** 078306
Norwegian **agriculture--environmental** prote- 081830
Care of **environment & agricutlure** in Finla- 081832
seedling rootstocks in an **arid environment.** 078734
Some **environmental benefits** of herbicides. 079443
under different **environmental conditions.** [075100
classification of **environmental conditions.** 077064
Effects of **environmental conditions** on grow- 077739
Effects of **environmental conditions** on grow- 077740
rye under various **environmental conditions** 077757
ecological & **environmental consequences** in 076466
Economic & **environmental considerations** in 072979
Environmental control in animal shelters us- 080739
Controlled environments: performance & po- 080732
Varietal & **environmental difference** in prote- 078397
utilization under **different environmental** co- 075100
as influenced by carbon **dioxide environment** 078023
New **environmental diseases** associated with 075850
Environmental, economics, & physical consi- 081826
An **environmental evaluation** system for wat- 081742
Externalities, environmental pollution & all- 081841
percolated water from **environment factors** 076851
divergence" by **environmental factors.** [Whe- 077128
of cultural & **environmental factors** on toba- 077804
Environmental factors influencing basidiosp- 078941
percolated water from **environment factors** 081123
contents effected by **growing environments** in 077796
organic soil: effects of **environment** on **hatch** 079310
Soil pollution & **environmental health.** 081839
Environmental heat & partial water restrict- 074658
Dairy **herd environment** & control of mastit- 075910
air velocity at mean & **high environmental** t- 074599
varietal **environmental interaction** experime- 078488
agricultural research & **environmental issue.** 073556
Environmental issues pertinent to Christmas 076180
Ontario's **environmental management** progr- 081788
Environmental matrix: input-output techniq- 081875
population & **environment** in **mountains** of 074412
Environmental movement & rural developm- 073553
Environmental movement & implications for 073555
Turgaisk plateau & its **natural environment.** 074687
improvement of **natural environment** of man 076317
Externalities, **environmental pollution** & all- 081841
Influence of cultural **practice, environment** 077808
Management of **environmental problems** of 081829
Packing & **environmental protection.** 081785
rearing & **environmental protection.** 081818
agriculture--**environmental protection** & poll- 081830
important part of **environmental protection.** 081846
surface waters as **environmental protection.** 081884
Environmental protective herbicides: Techni- 079454
requirements & **environmental quality.** 079754
Environmental questions & agriculture in S- 081831
projects with **environmental repercussions:** a 081843
Worker **environment research:** dioxathion (080050
in management of **environmental resources.** 081876
Environmental retention of 2,4,5-T preparat- 080063
Nematicides in **soil environment.** 080110
Stall environment & production of baby pigs 074470
Women in forestry & **environmental studies** 076234
Guidelines for **environmental study** of pestic- 080135
at mean & high **environmental temperature** 074599
on vegetation ot **Tulear environment.** III. w- 076990
cultural practices & **varietal environmental** 078488
tetraploidal rye under **various environmental** 077757
Worker environment research: dioxathion (080050

ENZOOTIC
About **enzootic abscess** incidence on udder 075847
Atypical **enzootic anthrax** in a mink farm. 075765
Enzootic calcinosis: A new pasture disease of 076068
changes in **experimental enzootic** pneumonia 075830
Enzootic levels of nosema disease in untreat- 080659
bearings on aetiology of **enzootic pneumonia** 075764
Study of **enzootic pneumonia** in swine. 075939
in occurrence of **enzootic pneumonia** of swi- 075963

ENZYMES
of autoregulated **enzyme activities** during ce- 077397
carbohydrate content & **enzymatic activity** of 073895
Serum **enzyme activity** & postmortem chan- 074029
calcium] in control of malic **enzyme activity** 074556
their effect on intestinal **enzyme activity.** 075713
Water system, **enzyme activity** & frost resis- 077955
Enzyme activity of cytochrome system of egg 080198
Amylolytic enzyme preparations in feeding 075171
dietary protein level on **enzymes associated** 075053
accumulation of **autoregulated enzyme** activi- 077397
Characteristics of **enzymatic binding** of phe- 077871
Transaminases. [Livestock, **blood enzymes**] 074584
Lactase & other **enzymes bound** to a phenol 073942
Enzymes in **bovine** milk: a review. 073765
Distribution of a renin-like **enzyme** in **bovine** 074608
Variations in activity of **certain enzymes** of 074824
Bacillus thuringiensis, plus **enzyme chitinase** 079901
of carboxylation & **decarboxylation enzymes** 077354
Enzymatic degradation of cell walls by phy- 078909
potato tubers. II. Lipid-**degrading enzymes** 074289
study of an **enzymatic digestion** method for 073576
of reserve proteins & **enzymes** in **dormant** p- 077761
Erythrocytic enzymes & glycolytic intermed- 074591
on synthesis of some **extracellular enzymes** 079125
increased activity of **enzymes** of **Fagopyrum** 077639
acyl galactosyl diglyceride-**forming enzyme** f- 078198
Studies of a homologous **gene-enzyme** system 080199
Immobilized enzymes: some applications to 073846
of potato a light-**induced enzyme.** 078021
Brewing adjuncts & **industrial enzymes.** 073892
lambs & their effect on **intestinal enzyme** ac- 075713
secretion of **enzyme** in **intestine** of white mi- 075602
Three novel **enzymes involved** in reduction of 077408
Cai+ [calcium] in control of **malic enzyme** 074556
A photorepressible isozyme of **malic enzyme** 077443
Enzymic mechanism of starch breakdown in 077865
Properties of two purified **mutant enzymes.** 077437
Three **novel enzymes** involved in reduction of 077408
Oxidative enzymes of lanceolate mutant in 077028
activity of **enzymes** that take **part** in carbon 077564
contamination of **enzyme preparation** used in 073595
Amylolytic **enzyme preparations** in feeding 075171
Role of titanium in **enzymatic processes** & i- 074816
of proline deficiency on **enzymes** of **proline** 076049
Enzymatic protein hydrolyzate (EHB) as a 075756
studies of **enzyme** with **reduced** nicotinamide 074545
polyphenols & activity of **related enzymes** d- 077854
of activity of **enzymes** & their **relationship** to 075406
Enzymatic removal of meat from bones. 073996
Enzymes of **rice.** 074152
Serum enzyme activity & postmortem chan- 074029
Activity of some **enzymes** from **soyabean** se- 077624
Life history & food-**spoiling enzymes** of De- 079936
temperature on **enzymatic starch** degradation 074338
Enzymatic synthesis of ribonucleoside-5'-ph- 077496
Water **system, enzyme** activity & frost resis- 077955
Studies of a homologous **gene-enzyme system,** 080199
characterization of wild **type enzyme.** 077436

EOSINOPHILIA
colostral antibody in **eosinophil response** of 075660

EPHESTIA
zeamais Motshulsky & **Ephestia cautella** (079633

EPICHLOROHYDRIN
stability of **epichlorohydrin-treated** parboiled 074160

EPIDEMIOLOGY
Recent advances in **epidemiology & control** 075905
megastoma. I. **Epidemiology & disclosed** reg- 075759
A further sutdy of **epidemiology** of **ovine** fas- 075911
New developments in black **pod epidemiolo-y.** 078954
Epidemiology & prevention of Diplodia stem 078890
Characterization & **epidemiological studies** of 079183
A new approach to **epidemiological study** of 079162
On cause & **epidemiology** of **yellowing** viros- 079170

EPIDERMAL
groups on staining of upper **epidermal cells** 078153
Role of **epidermal cells** in moulding surface 080302
constituents of Zebrina **leaf epidermis.** 077669
Preparation of **rolled epidermis** of Vicia faba 076905

EPILOBIUM
A new record of **Epilobium adenocaulon** in 076793
American species of **genus Epilobium** L. s.str 076622

EPIMERASES
of uridine diphosphate-d-**glucose-4-epimerase** 078233

EPIPHYLL
Epiphyllous lichens of Pyrenees & Atlantic 076779

EPIPHYSIS
of ground substance in **epiphyseal cartilage** 074619
of fractures of distal **flemoral epiphysis** in d- 076003
Closure of distal **radial epiphysis** & its relat- 076008

EPIPHYTES
Epiphytic Tetrasporales (Chlorophyceae). [076762

EPIPHYTOTIC
Notes on yellow **rust epiphytotic** in Denma- 078952

EPITHELIUM
of a ciliated columnar **epithelial cell** type wi- 074649
of lipid droplets in **epithelial cells** of sheep 074645

EPITRIX
transplanted tobacco. [**Epitrix hirtipennis**]. 079748

EPIZOOTIC
An **epizootic** of **dermatophytosis** caused by 075853

EPIZOOTIOLOGY
On **diagnosis, epizootiology,** & control of tr- 075762
respect ot its **epizootiological importance** in 080045
caudophagy, a new **epizootiological link** of t- 075589
Epizootiological nature of territory of Mold- 075934

EPOXY
Epoxy embedding, sectioning & staining of 076996
Epoxidation & fate of [14Carbon] aldrin in 079645

EQUATOR
races from France & **Equatorial Africa** of D- 080190
Notes on **equatorial plant** ecology of "louss- 076814

EQUIDAE
A mycotoxicosis of **Equidae caused** by Fusar- 075790

EQUILIBRIUM
in space: a general **equilibrium approach.** 081841
as influenced by **equilibrium conditions** & so- 081112
Basic acid & **fluid equilibrium** in cattle: A g- 075465
of moisture content & **equilibrium relative** h- 074290

EQUIPMENT
of neglecting protective quality. [**Equipment** 073008
of use of farm tractors & **equipment.** [Costs] 073105
methods for harvesting of hay. [**Equipment**] 080852
with liquid feeding of swine. [**Equipment**]. 080853
Watering in greenhouse. [**Equipment**]. 080878
Spreading artificial manure. [**Equipment**]. 080901
crop production & harvesting. [**Equipment**]. 080934
outlet tubes with oblique crack. [**Equipment** 080985
Water for cattle. [**Equipment**]. 080986
systems in random activities. [**Equipment**]. 080996
information on **agricultural equipment** & agr- 072851
spare parts for **agricultural equipment.** 072947
Stationary care of **agricultural equipment.** 080827
information on **agricultural equipment** & agr- 080861
information on **agricultural equipment** & agr- 080862
safety in riding. [**Agricultural equipment**]. 080909
Pedicuring cattle, **equipment approved** by G- 074416
types influence **equipment combinations.** 080927
applied to **continuous equipment** "aconex" 074205
up of soil in use of **cultivating equipment.** 080849
exhibition for greenhouse **culture equipment** 080786
Development of forage **cutting equipment.** 080864
milking: A problem? [**Dairy equipment**]. 080970
Drilling equipment in forest road building. 076424
Equipment for **handling** summer feed. 080902
Layout & **equipment** for **handling** dairy & s- 080998
Use of self-levelling **harvesting equipment** on 073092
findings. [**Harvesting equipment**]. 080857
mowing in free cuts. [**Harvesting equipment**] 080913
Machinery]. I. Forage **harvesting equipment** 080947
vegetable growing. [**Harvesting equipment**]. 080953
Hauling equipment in forestry. 076497
movement of **equipment** with **improvement** 076375
soil types **influence equipment** combinations 080927
of sunk hydrants for **irrigation equipment.** 080846
of new overhead **irrigation equipment** for Vo- 080884
in harvesting & **manufacturing equipment** m- 076419
Use of **measuring equipment** for testing hum- 074228
manufacturing **equipment might** affect your 076419
Machinery]. IV. Rotary **milking equipment** 080946
shift work of tractor & **equipment operators** 072826
Shelter & **equipment** for **pigeons.** 080696
Trends in development of **planting equipment.** 080889
Data **processing equipment** in dairy: dairy of 073960
Possible use of data **processing equipment** in 074040
development of plant **production equipment.** 080908
development of plant **production equipment** 080918
Use of plant **protection equipment** in ceral 080942
Protective equipment for drains. 080939
poutry houses & **equipment** in **relation** to ca- 075874
Removal equipment for flat silos. 080495
Equipment for **removal** of content from flat 080914
reduce expenditures for **repairing equipment** 073020
Equipment for **sheep** raising. 080749
Machinery & **equipment** for **soil** improveme- 080841
Spraying & **spraying equipment.** 080870
Combination mowing/**spraying equipment.** 080872
hydrants for **sprinkling equipment** of statio- 080891
Effect of providing **technical equipment** on 072946
Reflections on **equipment** for **working** soil. 080933

ERADICATION
Dermanyssus **gallinae eradication** on poultry 080015
th anniversary of cattle **plague eradication** in 075757

ERAGROSTIS
lovegrass fertility test. [**Eragrostis curvula,** 081484

Lehmann lovegrass. [**Eragrostis lehmanniana**] 077776
application. [**Eragrostis lehmanniana**]. 077778
evaluation of life cycle of **Eragrostis tracyi** 076666

ERGONOMICS
Ergonomical problems concerning use of mo- 076516

ERGOT
Biosynthesis of **ergotamine** by **Claviceps** pu- 077356

ERICACEAE
Azaleas & **Erica culture** in Germany. 078834
of repeated omissions. [**Erica erigena,** distri- 076625

ERICALES
to chemotaxonomic study of **Ericales.** III. F- 076784

ERIGERON
SEE COMPOSITAE

ERIOPHYIDAE
sheldoni (Ewing) (Acarina: **Eriophyidae**), in 079828
hassani Keifer 1959 (**Acarina, Eriophyidae**) 079869

EROSION
for reforestation of wind **eroded areas.** 076362
Applying mineral fertilizers to **eroded** bog-p- 081403
evolution tendencies in **certain eroded** soils 081235
Erosion classification of pastures in Bulgaria 081592
Hydrological & **erosion control** importance 076232
chemically killed rye. [Soil **erosion, control**] 081553
Soil conservation & soil **erosion control** in 081573
Hydrological & **erosion control** importance 081587
legislative conditions of soil **erosion control** 081589
protection from **erosion** in **Czechoslovakia.** 081591
terminology of **erosion-preventive** measures 081562
as an indicator of recent **erosion process** de- 081559
Procedure for computing sheet & **rill erosion** 081576
some grass plants growing on **erosive slopes** 076890
experiment with a map showing **soil erosion** 081541
in chemically killed rye. [**Soil erosion,** cont- 081553
Soil erosion of land systems within Hunter 081554
of sowing perennial grasses on **eroded soil.** 081560
to fool with Mother Nature. [**Soil erosion**]. 081569
Soil conservation & **soil erosion** control in 081573
Science bars way to drought & **soil erosion.** 081579
of southern Urals. [Tillage, **soil erosion**]. 081581
legislative conditions of **soil erosion** control 081589
evolution tendencies in certain **eroded soils** 081235
Vegetation to control **tunnel erosion.** 081573
needed for reforestation of **wind eroded** areas 076362

ERWINIA
Discovery of **Erwinia amylovora** (Burrill) W- 079137
cabbage species. [Erwinia **aroideae, Erwinia** 079127
from Escherichia coli to **Erwinia carotovora** 079134
Genus Erwinia: enterobacteria pathogenic to 075635

ERYSIMUM
of development of **Erysimum canescens** Roth 077585

ERYSIPELAS
against hog cholera & **swine erysipelas.** 074825
Migula) Buchanan. [**Swine erysipelas**]. 075722
to experimentally induced **swine erysipelas.** 075931
against hog cholera, **swine erysipelas** & ant- 075961
against hog cholera & **swine erysipelas.** 075962
against hog cholera, **swine erysipelas** & lept- 075969

ERYSIPELOTHRIX
serotypes of **Erysipelothrix rhusiopathiae** (075722
Erysipelothrix rhusiopathiae strain 7, a cau- 075871

ERYSIPHACEAE
mildew of marrow (**Erysiphe cichoracearum**) 078896
in tobacco plant. [**Erysiphe cichoracearum**]. 078983
to powdery mildew (**Erysiphe graminis** D. C 077095
of cereals & its control. [**Erysiphe graminis**] 078919
of mildew of barley. [**Erysiphe graminis**]. 078958
herpotrichoides, **Erysiphe graminis**]. 079021
stripe rusts of wheat. [**Erysiphe graminis,** P- 079064
cereals. [Barley, wheat, **Erysiphe graminis**]. 079079
on powdery mildew (**Erysiphe graminis** DC.f 079097
catches of barley mildew. [**Erysiphe graminis**] 079055

ERYTHRINA
SEE LEGUMINOSAE

ERYTHROCYTES
Survival time of **erythrocytes** (DF22P label) 074731
A cross-linking study of **beef erythrocyte** m- 074554
Erythrocyte 2,3-**diphosphoglycerate** in norm- 074596
Erythrocytic enzymes & glycolytic intermed- 074591
with components of **erythrocyte membrane** 077696
of a hemolyzate of **porcine erythrocytes** by 074797
Erythrocyte sedimentation in Throughbred 074571
sedimentation of **erythrocytes** in **sheep** in o- 074774

ERYTHROPOIESIS
ascariodosis on **erythropoietic activity** asses- 075586
Effect of orally **administered erythropoietin** 074517
in normal bovine & in **bovine erythropoietic** 074591
fecal urobilinogen in **bovine erythropoietic** 075994

ESCHERICHIA
in piglets. [**Clostridium, Escherichia** coli]. 075667
fraction of beta-haemolytic **escherichia coli.** 074703
fetuses vaccinated with **Escherichia coli** anti- 075614
Escherichia coli endotoxemia in conscious c- 075617
antimicrobial resistance in **Escherichia coli** i- 075629
in rabbits produced by **Escherichia coli** & in- 075658
Susceptibility of **Escherichia coli** strains to 075797
Enterotoxic activity of **Escherichia coli** from 075854
Experimental **escherichia coli** mastitis in ca- 075869
of re-combinations of **Escherichia coli** K-12 075933
of some serotypes of **Escherichia coli** isolat- 075964
typing of strains of **Escherichia coli** isolated 075972
to antibiotics from **Escherichia coli** to Erwin- 079134
hen, duck & goose. [**Escherichia, Salmonella** 073669

ESOPHAGUS
isolated preparations of **chicken oesophagus** 074574

ESSENCES
flavor components of **commercial essence.** 074284
Essence & stages of constructing an automat- 080883
Raman specters). VIII. **Essences** of **various** 077525

ESTERASES
of canine hepatic & **renal esterases.** 074578
a homologous gene-enzyme **system, esterase** 080199

ESTERS
studies on fatty acids & **esters content** in di- 074309
Fatty esters of polyalkoxylated polyol glyco- 074109
for tolerance to chloramben **methyl ester.** 079605
of ethanol-insoluble, **phenolic esters** in Men- 077503
Use of heat to saponify **xanthophyll esters** 074320

ESTRADIOL
Plasma **oestradiol, luteinizing** hormone & p- 075258
of **oestradiol-**17beta **oestrone** & progesterone 075174

ESTROGEN
Estrogen acitivity in female mice of strains 075776
Circulating oestrogens & progesterone in bo- 075270
Investigations on **oestrogen content** in faeces 074598
total **oestrogens, corticosteroids,** prolactin & 075175
of fetal gonads to urinary **estrogen excretion** 075183
Identification of **estrogens** in **meat** & meat 073672
Estrogenic properties of superterranean par- 077575
Study of **estrogen residues** in meats of claves 074780

ESTRUS
on vaginal cytology during **canine oestrous** 075336
Effect of feed level during **oestrous cycle** on 074976
plasma of cows during **oestrous cycle** & in e- 075174
Effect of benzyl alcohol on **oestrous cycle** of 075194
progesterone during **oestrous cycle** in Beagle 075258
Effect of feed level during **oestrous cycle** on 075266
Studies on **oestrus detection** & course of est- 075364
Sychronization of **estrus** & **early** post-partum 075239
on post-partum ovulation & **oestrus** in **ewes** 075277
intervals to ovulation & **oestrus** in **lactating** 075260
On flight distance of flies of **Oestrus ovis** L 080020
Duration of **estrus & ovulation** time in nonl- 075184
Synchronization of **estrus & ovulation** in su- 075255
Luteinizing hormone] **estrus & ovulation &** 075349
Post **parturient oestrus** in Merino & Dorset 075193
Postpartum estrus as an indicator of reprod- 075257
Manifestation of **estrus** in **sheep.** 075397
Estrus synchronization in sheep & heifers by 075428

ETHANOL
isolation & purification of **ethanol-insoluble,** 077503

ETHEPHON
Influence of **ethephon** on **cucumber** for proc- 078048

ETHERS
Estimation of arylglycerol-**betaAryl ether** gr- 077617
as their 2,4-dinitrophenyl **ether derivatives.** 073582
Triterpene **methyl ethers** of Cortaderia sple- 077522

ETHNIC
Catching ethnic flavor. [Food habits]. 073734

ETHOLOGY
Ecology & **ethology** of **different** species of T- 080440
Ethological problems of animal industry. 074476

ETHYL
Effect of S-**ethyl-diprophylthiolcarbamate** on 079501
L.) to S-**ethyl dipropylthiolcarbamate.** 079500
gamma radiation & **Ethyl methanesulfonate** 077888
based on human data. I. **Ethyl--& methyl** pa- 080049
vulgaris L. with **thiophanate ethyl** & its me- 079306

ETHYLENE
shape & rate of cell expansion by **ethylene:** 077972
acid conjugation: no effext of **ethylene.** [Co- 078125
Ethylene-accelerated limonoid metabolism in 074282
fruits subjected to hot **aqueous ethylene** dib- 073561
with methyl bromide & **ethylene dibromide** 073633
Ethylene gas treatment for accelerated ripe- 078710
acid during natural & **ethylene-induced** sene- 078124
Ethylene, a regulator of young fruit abscissi- 077863
tobacco yellowed with an **ethylene releasing** 077926

ETHYLENIMINE
effect of **ethylenimine** & gamma-**rays** in case 077219
effect of **ethylenimine** & gamma-**rays** under 077225
mutations in **ethylenimine-treated** barley se- 077208

ETIOLATION
Influence of **etiolation** on **amino**-acids from 077918
in particle fraction from **etiolated bean** hyp- 078127
Sturcture of mitochondria in **etiolated pea** s- 076960
cell wall extensibility in **etiolated peas.** 077972
into effects of forced **shoot etiolation** & diff- 077983

ETIOLOGY
its bearings on **aetiology** of **enzootic** pneum- 075764
Aetiology of **glaucoma** in dog & cat. 076077
Studies on snow **mold etiology** & resistance 078984
Canine viral infections: **Etiological notions,** 075774
Pathology & **aetiology** of **turkey** syndrome ' 075833

ETIOPLASTS
lamellar proteins in **wheat etioplasts.** Funct- 077731

EUCALYPTUS
"washed" **eucalyptus** [grandis] planting sto- 076404
N.T., ecotype of **Eucalyptus camaldulensis** 076370
variation in **Eucalyptus camaldulensis** Dehn 078218
Planting of **Eucalyptus grandis** & Eucalyptus 076350
Wood quality of **Eucalyptus grandis** (Hill) 081345
of cambial saps of **Eucalyptus ragnans** trees 078221
of Pinus radiata & **Eucalyptus regnans.** 076476

EUCARYOTE
during cell cycle of **eucaryote Chlorella.** 077397
genetics; with emphasis on **lower eukaryotic** 077144

EUGLENA
effector system of phototaxis in **Euglena.** [G- 077286
of a new white mutant of **Euglena gracilis.** 076970
chloroplast membranes of **Euglena gracilis** as 076975
of body movements of **Euglena gracilis.** 077285
of malic enzyme in **Euglena gracilis** strain Z 077443
cytoplasm of three **Euglena gracilis** aminoac- 077545
Metabolism of trehalose in **Euglena gracilis** 077570
dehydrogenase of **Euglena gracilis.** 077622

EUONYMUS
SEE CELASTRACEAE

EUPELMIDAE
Calosota curtis (Hymenoptera: **Eupelmidae**) 080649
Hymenopters, **Halcididae, Eupelmidae** & Pt- 079883

EUPHORBIA
characteristics of species **Euphorbia lucida** 076756

EUPHORBIACEAE
in a dioecious plant: **Mercurialis annua** L. 077623

EUPHORINAE
Hymenoptera: **Braconidae, Euphorinae**). 080548

EURYGASTER
control of this pest [**Eurygaster integriceps**] 079690
in controlling cereal bugs (**Eurygaster sp.**). 079737
adults of cereal pest (**Eurygaster sp.**) by co- 079757

EUTROPHICATION
sward problems on **eutrophic grassland.** 077963
of vegetation in **eutrophic** & low **marsh** lakes 076858
Removal of **eutrophication** in **surface** waters 081884

EUXOA
virus of army cutworm. [**Euxoa auxiliaris,** P- 080332

EVAPORATION
juice after second **evaporator body** by means 074247

EVAPOTRANSPIRATION
on **evapotranspiration** of some **aquatic** weeds 079603
model to **predict evapotranspiration** & its a- 077640
Relation between **evapotranspiration rate** & 077960
sorghum field: iI. **Evapotranspiration & root** 077668

EVISCERATION
Eviscerated yield, component parts, & meat, 074079

EVOLUTION
with notes on their ecology & **evolution** (In- 080233
in Drosophila: **Evolution** of **adenosine** triph- 080177
Evolution of **cephalic** exocrine glandular sys- 080296
Evolution of **certain** swamps of Eastern Say- 076860
Chromosome evolution: repetitive euchromat- 080212
Evolution of **clonal** populations of Cerasus v- 077215
Ozone induced carbon **dioxide evolution** in 077836
Evolution of **disinfection** of seeds & tubers in 079927
Evolution of **european** potato. 076704
life in host as an **evolutionary factor** in mites 080456

Fertility evolution tendencies in certain ero- 081235
subspecies, breed. [**Livestock, evolution**]. 074690
Parallel evolution in lichen-forming fungi. [076775
Evolutive parallelism in two twin species of 080190
monococcum L. & **evolution** of **polyploid** wh- 076917
its taxonomic & **evolutionary significance.** 080211
Influence of **evolution** of **water** consumption 073071

EWES
SEE SHEEP

EXCAVATION
Fauna from **excavations** of **Andronov** monu- 074689
of animal bones from **excavations** of **Pronsk** 074691
Fauna from **excavated Slavic** monuments of 074688

EXCHANGE
On chemistry of **cation exchange** between r- 077561
plant tissues by high-speed **cation exchange** 080084
On chemistry of **cation exchange** between r- 081191
to distrubution of **exchangeable cations** in so- 081129
energy, moisture & carbon **dioxide exchange** 080766
Lysine in feed ration & **protein exchange** in 075137
Exchange of **proteins** & amino acids of wheat 077632
root rot in relation to **exchangeable soil** sod- 078936
Concentrations of acid-**soluble, exchange** & 081019

EXCISION
mature plants from **embryos excised** from d- 077670
Nodule formation on **excised leguminous** roo- 077787
for ovule formation in **excised pistils** of Nig- 077313
Excised root cultures of lupine (Lupinus an- 076878
sorption by whole plants & **excised roots** of 077688
sulfate & potassium+ in **excised roots** of co- 077965

EXCRETION
Amine excretion in excysted larvae & adults 075677
Dynamics of **excretion** of **cesium** & its reten- 074702
of carbon-14 marked **compounds excreted** by 077486
of fetal gonads to urinary **estrogen excretion** 075183
Chromic oxide & crude **protein excretion** in 074653
noradrenaline level, its **urinary excretion** & 074516

EXCYSTMENT
Amine excretion in **excysted larvae** & adults 075677

EXERCISE
An **exercise** in **micro**-level planning for a ru- 073538
acids in rats adapted to **exercise** at **various** 074518

EXHAUSTS
Forest pollution from **automotive exhaust.** 076204
Exhaust-driven supercharger for tractor mot- 080824

EXHIBITS
International **Food Exhibition**, 1972: New f- 073247
"Protagri": a new **exhibition** for **greenhouse** 080786
S.I.M.A 1973 [**International Exhibition** of 080887
S.I.M.A 1973 [**International Exhibition** of 080944
S.I.M.A 1973 [**International Exhibition** of 080945
S.I.M.A 1973 [**International exhibition** of 080946
S.I.M.A 1973 [**International Exhibition** of 080947
Everything for maize at **Livenza exhibition.** 080979
Exhibition standards of perfection for dairy 073590

EXOCRINE
Evolution of **cephalic exocrine** glandular sys- 080296
Myrmecia gulosa F. by **exocrine products** of 080404

EXOGENOUS
livability of chicken embryos: **exogenous** C0 074725
Role of reduced **exogenous organic** compoun- 077433
Role of reduced **exogenous organic** compoun- 077434
substrates in absence of **exogenous serum** fa- 073929

EXPEDITION
of Yugoslav 1969 **Himalaya Expedition**, Od- 080496
A report on collecting of **Second Expedition** 080596

EXPENDITURES
Economy of **expenditures** in **animal** industry 073143
Calculating **capital expenditure** by means of 072987
Assessed income, **expenditures, etc.** for agri- 073055
How to **reduce expenditures** for repairing e- 073020
Expenditures by **Tennessee** meat packing fi- 073524
Expenditure of **time** & energy in grape prun- 078868

EXPLANTS
growth & metabolsim of **cultured explants** of 078140
Nucleolar behaviour in lemon **fruit explants** 078028

EXPLOITATION
of red raspberry Malling **Exploit canes.** 078745
conditions on **exploitation** of **large** area irri- 081711
Rational exploitation of aircraft means in fi- 080941
Long-term exploitation of all reserves to inc- 074291

EXPLORATION
Entomolgical explorations in Ghana by Dr. 080612
An **exploration** of **phanerogamic** elements al- 076688
Exploratory research in programmed instruc- 072686

EXPLOSION
Plant **population explosion.** [Genetic impro- 077070

EXPORTS
U.S. **Agricultural exports** to 50 largest mar- 073221
Exportation of **agricultural** surplus of United 073307
U.S. **Almond exports** to expand. 073227
U.S. **exports** of **beef** breeding cattle in cale- 073217
Beef exports to U.S. Brighten British Hond- 073228
Cotton export profits help Pakistan boost f- 073223
U.S. **Exports** of **cotton** to Greece expand su- 073225
Never **export live** animals for slaughter. [Sh- 073201
Export of **livestock** to overseas markets. 073300
conference of **exports** about **methods** of pro- 076308
counteracted. [Beef **production exports**]. 073499
economic factors in **export** of **wood** chips fr- 076430
Developments in **world export** of condensed 073286

EXPOSURE
titer in tissues of pigs after **exposure.** 075662
Exposure of **cattle** to controlled subzero te- 074537
Differential exposure of roots & shoots of n- 079500
of single & **fractionated exposures** of mouse 075354
clones to sulfur dioxide & **ozone exposures.** 076219
Exposure of **spraymen** to pesticides. 080052
tobacco as affected by **exposure** to **weather** 078542

EXPROPRIATION
Compensation with **expropriation.** 073442

EXTENSION
for land-grant college research & **extension** 072690
Decades of Latin **American extension:** Adop- 072645
New Jersey university **cooperative extension** 081430
examinations. Flexion & **crossed extension** r- 075561
instruction for **extension education** use. 072686
between **investigation, extension** & agricultu- 072654
Range extension of blunt-lobed woodsia, W- 076632
Extending season of forage production on b- 078535
Extension of **sweet** cherry production in fa- 078702
Impact of **extending unemployment** insuran- 072984
orientation & cell **wall extensibility** in etiol- 077972

EXTRACELLULAR
SEE CELLS

EXTRACTION
Wall., depending on method of **extraction.** 077583
Comparison of methods of **extracting acid**-so- 077295
procedure for **extraction** of **acrosomes** of m- 075271
location of babesial **antigen extracted** from 075715
Extractives of **Australian** timbers. .IL. Minor 076431
Extractives of **Australian** timbers. XIII. Jin- 078203
Extractives if **Australian** timbers. XIV. Trit- 078204
Extraction of **calcium** from blood fibrin with 074746
Comparative extraction of chlorinated hydr- 080057
Theory of **extraction** in **diffusers.** [Sugar ma- 074157
fibroin of Bombyx mori **directly extracted** f- 080664
fibroin of Bombyx mori **directly extracted** f- 080665
quality of cooking media & of **fat extracted** 074316
Extractives of **fungi.** V. Microbial transform- 077346
Diffusible & **extractable gibberellins** in bean 078103
in wheat by means of **gradual extraction.** 077703
by sodium **hexametaphosphate extraction** m- 074161
forest soils, depending on **iron extracted** by 081192
study of a method for **extraction** of **light** fil- 073575
Collaborative study of **extraction** of **light** fil- 073577
hexametaphosphate **extraction method.** 074161
Selective culture of **mycoplamas extracted** f- 079162
Properties of diphenol **oxidases extracted** fr- 081221
of western hemlock **phenolic extractives** in 076529
between resin-**extractable phosphorus** & pho- 081134
modification of **extraction procedure** to acc- 079626
Extraction & **purification** of some organic c- 081171
Relationship between **resin-extractable** pho- 081134
Solvent **extractive rice** milling. 074139
iI. Evapotranspiration & **root extraction.** [S- 077668
index of total amount of **saponins, extracted** 077583
by means of **selective extraction** of beans. 074278
Simultaneous extraction & automatic deter- 074170
Solvent extractive rice milling. 074139

EXTRACTS
RNA & pectinic acid of nucleic **acid extracts** 077697
vegetable tanning systems & **extract blends** 073984
Effect of yeast **extract concentration** in med- 077813
reduction of D-xylose by cell-**free extract** of 077323
activities in **extracts** of **germinating** Pisum s- 078114
Fatty acids in isomerized **hop extracts** & gu- 073862
analysis of tobacco, tobacco **leaf extracts** & 074169
found in chloroform-**methanol extracts** of fl- 074162
filtration chromatography. [**Plant extracts**]. 077567
Production of **redpepper extracts** for pharm- 074308
substance of aqueous **root extracts** of peach 079117
of commercial aqueous **seaweed extract.** 077547
amino acids-1-14C by **soil extracts.** 081220
malate formation in **extracts** of **Zea** mays. 077846

EXTRUSION
of infrared-roasted & **extruder-processed** so- 074957

EXUDATES
Influence of pea-**root exudates** on germinati- 078902
Root exudates from lentil (Lens culinaris M- 079056
carbohydrate fraction of **root exudates** of gn- 079312

EYES
Fine structure of lightand dark-**adapted eyes** 080352
meatness of cattle according to rib-**eye area** 074441
Eyeless beetles of North Carolina with notes 080233
A **birds-eye**-view of opoato industry. 073405
Anatomy of **compound eye** of Periplaneta a- 080303
Intraocular cryptococcosis in a dog. 075892
regard to their susceptibility to **eye spot** (C- 077252

EYESPOTS
Eyespot of **Chlamydomonas** eugametos: a fr- 076915
Eyespot of **maize** (Kabatiella zeae Narita & 079067

FABRICIUS
beetle, Callosobruchus maculatus (**Fabricius**) 080252
synthesis in bursa of **Fabricius** of **chicken.** 074509
Formica (Serviformica) **rufibarbis Fabricius** 080287
Formica (Serviformica) **rufibarbis Fabricius** 080288
Formica (Serviformica) **rufibarbis Fabricius** 080291
changes in bursa of **Fabricius** & **thymus** in b- 075884

FABRICS
of estimation of linen **bleached fabrics** prop- 074194
polymerization degree of **linen fabrics.** 074193
value of fibre, yarn & **fabrics manufactured** f- 074192

FACTORIES
Meat from farm or **factory?** [Outlook]. 073414
Factory farming is not efficient. 072917
evaluation of **factory sanitation.** [Food]. 073614
planning & construction of **sugar factories.** 074244
processing period of beet **sugar factories.** 074245

FAGACEAE
have similar site indexes for oaks. [**Quercus**] 076332
different methods of soil preparation. [**Fagus**] 076365
clone seed orchards for **Quercus.** 076376
soil profile of a beech site in Solling. [**Fagus** 076928
Quercus borealis in Moscow. [Plant introdu- 078219
beech & other hardwoods. [**Fagus, Quercus,** 076475
of forest litter in **Quercus forest.** 081261
in southwestern Colorado. [**Quercus gambeli** 079437
in southwestern Colorado. [**Quercus gambeli** 079438
characteristics of **Quercus macranthera** on s- 076609
sessile & pedunculate oak. [**Quercus petraea** 076992
groups in beech lignin. [**Fagus silvatica**]. 076530
wood of European beech (**Fagus sylvatica** L. 076477
sativa Mill.) & beech (**Fagus sylvatica** L.) l- 081160
sativa Mill.) & beech (**Fagus sylvatica** L.) l- 081161

FAGOPYRUM
of enzymes of **Fagopyrum emarginatum.** 077639

FALL
Distribution of **fall armyworm** larvae. 1. Reg- 079702
Fall cacodylic acid treatments to produce le- 079888
Fall protection for tractors forcefully prescr- 080859
of a nuclear polyhedrosi of **fall webworm** (080185

FALLOUT
Accumulation of **fallout cesium** 137 in soils 081879
Kraft **mill fallout** & ground beetle populati- 080197
Research on removing **radioactive fallout** fr- 081863

FALLOWING
Early vs **delayed fallow** with different tillage 081531
Effect of **fallowing obtained** with skip-row c- 078994
soddy podzolic soil under oats & **fallow soil** 081029

FAMILY
Humenoptera) of **subfamily Agathidinae** in 080482
relationship in **family Brassicaceae.** 076742
Revision of **subfamily Brevipalpinae** (Tromb- 080652
Planning future for a **family business.** [Retail 073259
of knowledge concering **family Byrrhidae** (080607
opinions among open-**country families** in two 072683
remarks of fungi from **Dematiaceae family** o- 079101
Diospyros virginiana, **Ebony family** (Ebenac- 078763
Leaf anatomy in **subfamily Eragrostoideae.** 076950
Corporation farm or **family farm** in USA. 072936
Family farmers can compete. 072910
Mechanization of **family farms.** 072938
Mechanization of **family farms.** [Costs]. 073089
Keys to **Families** & **Genera** of European An- 080614
on some spiders of **family Gnaphosidae,** from 080565
n.sp. a new species of **family Inocelliidae** (I- 080528
Studies in embryology of **family Meliaceae.**- 076783
on Polish species of **family Pipunculidae** (D- 080555
Phenolic compounds of **subfamily Pomoideae:** 076748
Diptera of **family Sarcophagidae** as a comp- 079952
glycosides in **Scrophulariaceae family.** 077276
certain mite species of **family Tarsonemidae** 079865

FARFARA
dangerous weed. [**Tussilago farfara**]. 079436

FARMERS

Once again: health insurance of **farmer.** 072682
of tomorrow's civilization? [**Farmers**]. 072687
Replacement service for **farmers.** [Agricultu- 073053
Objective of **farmer:** Integral marketing of h- 073163
Government program & **farmer.** [Cotton, su- 073548
of Interior, brucellosis, & **farmer.** 075659
Plans of Norwegian **Farmers Association** for 072854
plastic covers after xith **Farmers Congress** of 073440
demands of **farmer** & their **consequences** for 072626
Labor doubts of a **disillusioned farmer.** [Bra- 072925
farmers, part-time farmers, & **ex-farmers:** an 072697
Family farmers can compete. 072910
recommendations on **farmers' fields** soil ferti- 081352
Hill farmers & touristic opening up of moun- 072749
Plans of **Norwegian Farmers** Association for 072854
Prices received by **Oklahoma farmers,** 1964 073299
Fertilizer use in **farmers' opinions.** 081459
as viewed by selected **farmers, part-time** fa- 072697
Farmer's price response, a study on acreage 073364
in rules under which **farmers produce** & ma- 073340
adjustment as viewed by **selected farmers,** p- 072697
Multiple cropping & **small farmers.** 072797
Danish Fur **Farmers Society;** report of activ- 074381
Motivation of **successful farmers.** 072628
by selected farmers, part-**time farmers,** & ex 072697
Vocational testing for **women farmers** in east 072658
Training of **women farmers:** An audio-visual 072665
glass & plastic covers after **xith Farmers** C- 073440

FARMLANDS

removing radioactive fallout from **farmland.** 081863
Factors affecting farmland values in Illinois 072754

FARMS

Vacation on **farm:** results of an inquiry conc- 072657
population & housing (1960--1970) & **farms** 072698
A look at Communist Germany. [**Farming**]. 072789
Impressions of New Zealand's **farming.** 072800
Check system of accounts on **farms.** 072838
on operational formation of types of **farming** 072857
organization & management of **farms.** [Bulg- 072877
in planning work & organization of **farms.** [072878
cooperation of grain industry & **farms.** 072896
of applying mineral fertilizers on **farms.** 073058
in animal raising complexes & **farms.** 073096
population & housing (1960--1970) & **farms** 073371
cooperation of grain industry & **farms.** 074179
production of mixed feeds on **farms.** 074370
On preventing tapeworm disease of **farms.** 075936
operation of animal quarters & **farms.** 080794
Equipments for tillage & **farming.** 080840
work. 2. actual condition of **farm accidents.** 073035
Farm accidents. 080695
Actual condition of **farm accidents** caused by 080725
Prophylaxis of **farms against** lungworm infe- 075943
Pilot programs in off-**farm agricultural** occu- 072699
tendencies of **agricultural farm** structure: Pr- 073385
breeding period in **agricultural farms.** 075399
with mechanisation of **farming** in **Alpine** gre- 080904
Efficiency of inter-**farm animal** industry ass- 072828
on nitrogen metabolism in **farm animals.** 074815
Use of manure from **farm animals** for feed & 075124
Beef & sheep systems on **arable farms.** 072915
Systems of milk production for **arable farm** 072916
Concern for landscape in **farming areas.** 081794
cherry production in **farms** that **belong** to c- 078701
sweet cherry production in **farms** that **belong** 078702
specializations of **bookkeeping farms** in sou- 072894
export profits help Pakistan **boost farm** pro- 073223
of Labor on swine **breeding farms.** 072973
work of Roza Liuksemburg **Breeding Farm** 073120
State Horse **Breeding Farm** & Agricultural 075290
breed qualities os swine on **breeding farms** of 075432
of reduction of costs of **farm buildings.** 072996
Mechanization, **farm buildings].** 080736
Construction of **farm buildings** as influenced 080752
Self construction: A mode? [**Farm buildings]** 080790
Mechanization, **farm buildings].** 080888
Perspectives & approaches to **farm business** 072790
An analytical study of **farm capital** utilizati- 072989
Valuation of inventories on **cattle farms** & t- 073518
Dakota population, housing & **farm census** f- 072698
of sheep production into inter-**farm** co-opera- 072931
Experience & results of Gladau inter-**farm** co- 074464
of socialist society. [**Collective farming,** hist- 072649
activities of state farms & **collective farms.** 072813
for specialized sector. [**Collective farming**]. 072815
cost accounting system. [**Collective farming**] 072818
role of specialist. [**Collective farming**]. 072820
but different results. [**Collective farming**]. 072822
industry associations. [**Collective farming**]. 072828
time. [Farm management, **collective farming** 072830
Agricultural production, **collective farming**] 072832
Specialist & economist of **collective farm.** 072835
agricultural production. [**Collective farming**] 072836
system activity of **collective farms** & state f- 072841
collective farm & state-and-**collective farm** 072949
of full cost accounting. [**Collective farming**] 072953
animal industry workers on **collective farms** 072975
conditions of conversion on **collective farms** 073011
in obtaining net income. [**Collective farming** 073017
cost accounting system. [**Collective farming,** 073031
of productivity & wates on **collective farms.** 073097
of basic capital of **collective farms.** 073115
of equalizing costs of **collective farms** & state 073118
delivery of fertilizers to **collective farms** & s- 073119
production conditions of **collective farms** & 081412
basis for beef production on **farm complexes** 072940
their consequences for **farm conditions.** 072626
under irrigated & dry-**farmed conditions** of f- 078024
interrelationships among **farms cooperating** 073121
income distribution on **cooperative farms.** [072891
marketing of garlic by **cooperative farms** wi- 073069
control system on **farm cooperatives.** 080883
Corporation farm or family farm in USA. 072936
New forms of intra-**farm cost** accounting sys- 072824
Overhead costs from **farm cost** accounts. 072980
fruits costs & returns from **farm cost** accoun- 072982
Livestock costs & returns from **farm cost** ac- 072983
Field crops costs & returns from **farm cost** 072981
accounting system. [Collective **farming, costs,** 073031
Albrecht Thaer & **crop farming** in England. 078428
custom hire services in multiple **crop farming.** 072798
using groundwater for irrigating **farm crops.** 073109
potassium in various organs of **farm crops.** 077294
of chlorophyll in a number of **farm crops.** [F- 077832
Varietal trials of **farm crops.** [Field crops]. 078425
for controlling diseases of **farm crops.** 079326
New York **dairy farm** management; business 072779
Forage & grain programs for **dairy farms** wi- 072908
an important feature of **dairy farming.** 072937
conveying of manure on **dairy farms.** [Costs] 073100
summary of 15 months of a **dairy farm** supe- 075512
of grapes under irrigated & **dry-farmed** cond- 078024
use these small implements for **dry farming** 080892
nitrogen fertilizers on wheat in **dry farming** 081286
Dairy cattle maintenance in **Dutch farms:** 074420
Crisis over **EC farm** prices resolved for 1973 073230
tendencies of social **economic farm** structures 072785
in grassland farming: **Farm economical** view- 072904
engineers in socialist **farm enterprise.** [East 080714
farm & state-and-collective **farm enterprises** 072949
Instructional & **Experimental Farm.** 075375
cow breeding at Ust'e **Experimental Farm.** 075402
Factory farming is not efficient. 072917
Meat from **farm** or **factory?** [Outlook]. 073414
Corporation farm or **family farm** in USA. 072936
Mechanization of **family farms.** 072938
Mechanization of **family farms.** [Costs]. 073089
Results of **farm feeding** performance test of 075014
capital structure of **farm-firm.** 072777
increase in net profits. 1. **farm forest** in 197 076291
Chloride balance of some **farmed** & **forested** 081747
Electricity pushes **forward farm** in silence & 080777
Tree-raising on **fruit farm**-an essay on mang- 072907
Characteristics of **grain farms** with emphasis 073066
Milk production in **grassland farming:** Farm 072904
of nutrient uniformity in **grassland farming.** 073063
rearing on field cropand **grassland farms.** 075012
Sourveld of Natal. [**Grassland farming**]. 078403
socialist society. [Collective **farming, history**] 072649
New Mexico Penitentiary **Honor Farm,** Los 072968
Farm house plans. 080795
modern rabbit cage for **household farming.** 080697
a demystification of **farm hydraulics.** 081682
of new agricultural strategy on **farm income.** 072990
Effect of flooding on **farm income.**[Pastures, 073006
Concept & measurement of **farm income** & 073133
Potentialities of increasing **farm incomes** th- 072988
Farm incomes in North of Scotland, 1970/7 073034
Instability of **farm incomes.** 073044
condition for equalizing state **farm incomes** 073126
mail surveys. [Wisconsin **incorporated farm** 073381
Potentialities of **increasing farm** incomes th- 072988
relationships between **farm-industrial** compl- 072819
competition as a means of **intensifying farm** 072888
Efficiency of **inter-farm** animal industry ass- 072828
Development of **inter farm** relations in state 072879
of sheep production into **inter-farm** co-opera- 072931
Experience & results of Gladau **inter-farm** co 074464
production costs in **internal farm** accounting 072873
New forms of **intra-farm** cost accounting sys- 072824
control policy effects on **irrigated farms.** 073557
of using groundwater for **irrigating farm** cro- 073109
Stopping drift of **farm labour.** 072807
migration of wood mice between **farm-land** 079321
New legislation for control of **farm leases.** 073432
State Breeding Farms on **farms** of Liozno D- 075401
Extensive **livestock farming** in central Italy: 072883
on intensification. [**Livestock farms**]. 072886
Extensive **livestock farming** in central Italy: 074411
nationally-owned **livestock farm.** 075359
New Mexico Penitentiary Honor **Farm, Los** 072968
of California retail **farm machinery** industry 080814
Lectures on **farm machinery** for easy unders- 080854
in production of tractors & **farm machinery** 080967
New York dairy **farm management;** business 072779
client satisfaction in **farm management** busi- 072788
in Altai Territory. [**Farm management**]. 072817
his working time. [**Farm management,** colle- 072830
of operative control. [**Farm management**]. 072834
methods of control. [**Farm management**]. 072840
beef cattle production. [**Farm management**] 072849
Departmental structure of **farm management** 072861
of records as an aid. 1-2. [**Farm management**] 072897
of records as an aid. 3-5. [**Farm management**] 072898
Availability of **farmyard manure** nitrogen to 077738
Investigation of **farmyard manure** in Tokyo 081366
of humus formation from **farm manures.** 081360
Transport means for **farm materials** (Review 080966
of unmanned **farming mechanics.** 080855
in Czechoslovakia. [**Mechanization, farm** bui- 080736
shop is essential for **mechanized farming.** 080882
Atypical enzootic anthrax in a **mink farm.** 075765
Mixed feed prepared on **farm** using **mobile** 074365
accounting. [State **farms, Mongolia**]. 072872
Farm mortgage bank. 073075
hand tractors for **multipurpose farm** works. 080809
costs, 24 selected **farms, Orangeburg** area, 073083
Expected changes in **farm organization** when 072755
of customer in state **farm organization.** 072950
Farm organizational measures. [Feed]. 074363
Community property & **farm ownership.** 072759
Some problems of **pig farming** in Czechoslo- 074462
against swine fever in large-scale **pig farms.** 075955
farm incomes through **farm planning.** [India 072988
Profitable **power farming.** 073073
Crisis over EC **farm prices** resolved for 1973 073230
as a means of intensifying **farm production** 072888
profitability of state **farm production.** 073127
profits help Pakistan boost **farm production** 073223
in Japanese quails in **quail farms.** 075735
Demand for **farm-raised** channel catfish in s- 073328
Aroma & flavor of **farm-raised** channel catfi- 073845
agglutinin of animals in **raising farms** of Ta- 075864
Sow productivity in piglet **rearing farms** of 074443
Development of inter **farm relations** in state 072879
Some remarks on land incomes & **farm rents** 073081
organization of California **retail farm** machi- 080814
hauling practices & costs, 24 **selected farms,** 073083
Farm size, economic efficiency, & social just- 072796
Influence of **farm size** on resource productiv- 072895
Distribution of **farm size** & income: analysis 073059
Calf fattening on **small farms.** 075013
of agricultural engineers in **socialist farm** en- 080714
of administrating activities of **state farms** & 072813
activity of collective farms & **state farms.** 072841
of economic accounting. [**State farms,** Mong- 072872
methods in management of **state farms** in H- 072874
of inter farm relations in **state farms.** [Hun- 072879
model for milk production on **state farms** [072882
economic relationships between **state farms** 072941
machine-tractor pool on **state farms** of Sak- 072943
seasonality of labor on **state farms** in Tselin- 072945
service of customer in **state farm** organizati- 072950
Stages in development of **state farms** & cost 072951
in economic development of **state farms.** 072952
conditions of operations on **state farms** on f- 072959
Work of **state farms** on full cost accounting 072961
productivity on Radchenskii, **State Farm,** V- 072962
in awarding bonuses to **state farm** workers. 073029
New financial system of Polish **state farms.** 073054
for expanded operations on **state farms** in E- 073102
problems on raising cattle on **state farms** of 073108
capital & capital investments on **state farms** 073113
costs of collective farms & **state farms** in ob- 073118
fertilizers to collective farms & **state farms.** 073119
financing sources on **state farms** under full 073122
Problems on transfer of trusts of **state farms** 073123
for material incentives on **state farms** of Es- 073124
plans-a condition for equalizing **state farm** i- 073126
Costs & profitability of **state farm** producti- 073127
utilization of insurance fund on **state farms** 073128
accounting in collective & **state farms.** [US- 076693
at defined dates in Horticultural **State farm** 078712
conditions of collective farms & **state farms.** 081412
of pork production on **state farms** of Vitebsk 073098
of whole cereal plants in **state farm** of Parc- 078317
Calf drop in different **stock farms** & breeding 073350
tendencies of agricultural **farm structure:** Pr- 073385
Long road towards reform of **farm structures** 072768
of social economic **farm structures** under dif- 072785
surveys. [Wisconsin incorporated **farm study** 073381
of 15 months of a dairy **farm supervision** in 075512
of bookkeeping. [**Farm supply** stores]. 072892
in multiplication centres & **farms supplying** 075378
of trichinellosis in industrial **swine farms.** [075589
Economic evaluation of use of **farm tractors** 073105
Trends in development of **farm tractors.** 080907
work. 3. Development of **unmanned farming** 080855
frontiers for West. [Land **utilization farms**] 072776
on Radchenskii, State **Farm, Voronezh** Regi- 072962
Suggestions for safety of **farm work.** 2. actu- 073035
Suggestions for safety of **farm work:** what is 080725
Automatization of **farm work.** 3. Developme- 080855
in awarding bonuses to state **farm workers.** 073029
hand tractors for multipurpose **farm works.** 080809

FARNESENE

Alpha-farnesene, a naturally occurring ovipo- 080322

FARROWING

Farrowing stalls. 080781

FASCIOLA
by experimental transfer of **adult Fasciola** h- 075829
sheep fasciolasis. [Liver **fluke, Fasciola** hepa- 075585
Chromosome studies in liver **fluke, Fasciola** 075679
of various antigens of **Fasciola hepatica** ofr 075672
transfer of immature **Fasciola hepatica** from 075837
with metacercariae of **Fasciola hepatica.** 075842
in Vsetin area. [**Fasciola hepatica**]. 075947

FASCIOLIASIS
treated with Zanil (ICI) **against fasciolasis.** 073563
sutdy of epidemiology of **ovine fascioliasis** in 075911
On distribution of **fascioliasis** in **ruminants** 075685
indicators in experimental **sheep fasciolasis.** 075585

FASTING
Influence of **fasting** on **blood** gas tension, pH 074538
Effects of food intake & **fasting** on 24-**hourly** 074699
Effect of **preslaughter fasting** on some chem- 074646
Effect of **fasting** & **refeeding** by glucose on g- 075071
nutritionally poor ration, short-**term fasting,** 074861

FATAL
Problems of **fatal injuries** in forestry of Slo- 076272
Fatal volvulus in a puppy. 075898

FATS
foots & effects of blending with other **fats.** 075037
selected psychrophilic bacteria on **fatty acid** 073661
Lipids of potato tubers. 1. Lipid & **fatty acid** 074288
urinary excretion & plasma free **fatty acid** c- 074516
growth hormone, glucose, & free **fatty acid** 074537
in-vitro conditions. Protein & **fatty acid** por- 074546
Fatty acid synthesis in brown fat & liver of 074561
change of source of dietary fat on **fatty acid** 074726
on stearic acid desaturation & **fatty acid** co- 074952
byproduct meal on flavor & **fatty acid** comp- 075002
animal tallow & vegetable oil on **fatty acid** 075049
on protein & fat-content & **fatty acid** pattern 077726
to recognition of genotype of **fatty acid** cont- 077889
of activity of long chain **fatty acid** synthesis 077931
Lipids of potato tubers. 1. Lipid & **fatty acid** 078060
comparative characterization of **fatty acid** c- 080225
Fatty acid oxidation by flight muscles of dr- 080314
Fatty acids in isomerized hop extracts & gu- 073862
Changes in **fatty acids** in ripening mango pu- 074283
Preliminary studies on **fatty acids** & esters 074309
on in vitro release of free **fatty acids** in rats 074518
of transport on unesterised **fatty acids,** gluc- 074553
Oxidation of mega-hydroxylated **fatty acids** 074557
on plasma glucose & free **fatty acids** of dom- 074737
Volatile **fatty acids** in contents of pendulous 074744
on hydrogenation of unsaturated **fatty acids** 074981
lipolytica. II. Formation of **fatty acids** from 077423
metabolic turnover of long-chain **fatty acids** 077459
Moisture & **fat analysis** of meat & meat pro- 073988
Economical valuation of **fats** used in **animal** 073264
Value of **animal fat** in feed mixtures for bac- 075103
induced by gamma-irradiation of **beef fat.** 074025
feeding on bodyweight, production, **blood fat** 075158
Fine structure of abdominal neural **fat-body** 080353
Relationship between **fats** in **broiler** finisher 075051
Fatty acid synthesis in **brown fat** & liver of 074561
differences in distribution of **fat** in **cattle.** 073991
hydrolyzed starch combined with **cattle-fat** 074852
metabolic turnover of long-**chain fatty** acids 077459
Development of activity of long **chain fatty** 077931
in broiler finisher rations & **fats** in **chiller** 075051
differences in milk **fat composition** [Cows, 075329
Factors influencing liver **fat content** of laying 074723
of ruminants with varying milk **fat content.** 074848
patterns in milk yield, **fat content** & amount 075412
year of planting on protein & **fat-content** & 077726
Effect of **dietary fat** & storage temperature 074071
of a change of source of **dietary fat** on fatty 074726
Residues of pesticides in **edible fats.** II. Eli- 080075
Fatty esters of polyalkoxylated polyol glyco- 074109
quality of cooking media & of **fat extracted** 074316
of processing properties of **fat** & **fat** mixtures 073904
metabolism in high saturated **fat fed** animals 074632
Changes in crude **fibre, fat** & protein content 077420
its urinary excretion & plasma **free fatty** ac- 074516
on in vitro release of **free fatty** acids in rats 074518
growth hormone, glucose, & **free fatty** acid 074537
glucagon on plasma glucose & **free fatty** aci- 074737
Problems in grading **frying fats.** 073596
Germ fat & wheat baking capacity. 074123
of hydrogen sulphide from **fat-globule** memb- 073964
digestion of proteins of milk **fat globule** me- 074564
variation in fat & solids-not-fat of **Holstein** 073927
Fat hydrolysis by lactic acid bacteria in che- 073966
Oxidation of **mega-hydroxylated fatty** acids 074557
on bodyweight, production, blood **fat level** & 075158
Factors influencing **liver fat** content of laying 074723
energy source on performance & **fatty liver** 075063
Studies on **fatty liver** problem in laying hens 075158
Foss-Milko-tester method for **measuring fat** 073928
fraction of anhydrous **milk fat.** 073950
Proteolytic digestion of proteins of **milk fat** 074564
tract of ruminants with varying **milk fat** con- 074848
Research into possibility to replace **milk-fat** 074852
or safflower oil on plasma lipids & **milk fat** 074983
study of interbreeding differences in **milk fat** 075329
processing properties of fat & **fat mixtures.** 073904
On distribution of **fat** in **muscle** tissue of sw- 074794
Fine structure of abdominal **neural fat-body** 080353
Role of **fat** as a **nutrient.** 073740
Use of different qualities of **fat** in **nutrition** 075082
pesticide residures in **fats** & **oils.** 073584
Chromatographic examination of **fats** & **oils** 073830
pesticide residures in **fats** & **oils.** 080058
a function of dietary **polyunstaurated fats** & 074662
Fat pressing & compressors in DLG [Germ- 080929
deficiency on content of **fat, protein,** manga- 076006
Saturated fat in diet & serum cholesterol co- 073713
metabolism in high **saturated fat** fed animals 074632
Monthly variation in **fat** & **solids**-not-fat of 073927
conversion, malabsorption of **fats syndrome** 074720
Influence of **technical fat** on activity of vit- 074858
methods of transport on **unesterised fatty** ac- 074553
Volatile fatty acids in contents of pendulous 074744
Some hereditary patterns in milk **yield, fat** 075412

FATTENING
bulls with large-scale raising & **fattening.** 074485
for beef cattle for growth & **fattening.** 074930
farms supplying weaners for **fattening.** 075378
therapy in raising cattle for **fattening.** 075532
valuation of fats used in **animal fattening.** [073264
of feeding urea to livestock **being fattened.** 075130
business forms of selected **fattening bull** uni- 072935
feed rations for industry-like **bull fattening.** 075110
Housing methods for **bull fattening.** 080704
saving building types for **bull fattening.** 080705
Meat condition of heifers & **bulls fattened** u- 075116
on cost of growing & **fattening butcher** hogs 072993
Calf fattening on small farms. 075013
Doubled **fattening capacity** by complex rati- 074994
x DSR hybrids for their **fattening & carcass** 075370
On economy of **fattening cattle:** A descripti- 072903
increasing effectiveness of **fattening cattle.** 072977
Feeding for **cattle fattening** in industrial pr- 074946
Use of meat-bone meal in **fattening cattle.** 075163
Fattening cattle on fresh beet pulp & quality 075167
on Michurin complex for **fattening cattle.** 081526
Fattening centers & line of cow-calf. 074926
of hybrid calves for **fattening** in **country** of 074461
Specialization in **dairy, fattening** or rearing 074423
Doubled fattening capacity by complex rati- 074994
On **fattening** of **female** cattle. 075016
Structural change in turkey **hen fattening.** 075126
vaccination of swine in **fattening house.** 075745
Experience gained in **intensive fattening** of l- 075113
incidence on udder & **fattening pasture** lambs 075847
Fattening performance & carcass value of H- 075115
ad-libitum feeding in **fattening performance** 075119
Percentage of valuable parts of **fattened pig** 074004
Technicoeconomic aspects of **pre-fattening.** 075099
Improving meat & **fattening qualities** of Liv- 075431
Fattening result & carcass value of crossbred 075109
salt supplements in large-**scale fattening** of 075132
Large-**scale fattening** of young cattle in Len- 075159
business forms of **selected fattening** bull uni- 072935
between sorghum & corn in **fattening steers** 074889
Advice on **summer fattening** of pigs. 075114
Control of results in **fattening swine** operati- 073064
protein provision for **fattening swine** at tight 074882
How heavy may **fattening swine** be? 074887
Swine fattening. 074932
Effectiveness of **fattening swine** on feed rati- 075142
scale raising, pasturing & **fattening** of **young** 074487
of ammonium perchlorate in **fattening young** 074992

FAUNA
Ammunition Plant wastes on **bottom fauna** 080209
estimate on terrestrial, **cavernicolous fauna** 080477
Changes in **Coleoptera fauna** on surface of c- 079549
Relics of **Coleoptera fauna** in primeval forest 080605
Collembola fauna of Moravia & Slovakia (I- 080637
Acariformes, Tydeidae) **fauna** of **Crimea.** [Tr- 080583
On some **faunistic** & **ecological** characters of 080645
Elateridae fauna of higher Vogelsberg Natu- 080539
Investigations on **fauna Ephemoptera** in Wi- 080590
relics of interest in Central **European fauna** 080606
Fauna from **excavated** Slavic monuments of 074688
Fauna from **excavations** of Andronov monu- 074689
pollution with plutonium 239 on **field fauna** 081885
Cerambicidae species in **Hungarian fauna** [S- 080598
mountain inhabiting species in **insect fauna** 080617
Lachnidae fauna of Hungary (Homoptera). 080599
Lepidopterous fauna of Cracow vicinity. 080473
Study of **macroleidoptera fauna** of southeast- 080597
contributions to study of **nematode fauna** in 079355
Gall midges new to **fauna** of **Netherlands.** VI 080529
to Colonidae (Coleoptera) **fauna** of **Poland.** 080475
Materials to **fauna** of **Protura** of Poland. 080476
of catchemnt areas as flora & **fauna reserves** 081871
particular reference to New **Zealand fauna.** 080578

FEATHERS
Feather eating & cannibalism in poultry & 076121
A **feather mutation** in domestic fowl. 075315

FECES
virus (FLV) elimination in **feces of flies** & fl- 079943
on oestrogen content in **faeces of newborn** c- 074598
feeding & collection of hard & **soft feces** of 074844
to presence of **Streptococcus faecalis** on ha- 073656
Carboxyhemoglobin & **fecal urobilinogen** in 075994
Salmonella recovery from **viscera, feces** & e- 073664

FEED
Resources for increasing production of **feeds** 073018
production & purchasing methods for **feeds.** 073099
How many can we **feed?** [Food production] 073418
Determination of nitrate in **feedstuffs.** 074318
Determination of sulfaquinoxaline in **feeds:** 074321
of furazolidone, tylosin, & zoalene in **feeds.** 074322
grain processing methods compare. [**Feed**]. 074330
A suggestion for standardization. [**Feed**]. 074352
lysin in light of latest research. [**Feed**]. 074354
General comments on **feed.** 074359
Farm organizational measures. [**Feed**]. 074363
improving nutritive value of **feeds.** 074367
wastes as supplemental sources of **feeds.** 074373
to level & quality of proteins in **feed.** 074822
of poultry as provided in their **feed.** 074880
Tests with turkeys & ducks. [**Feed**]. 074881
Research with ducks. [**Feed**]. 074908
research--current & future direction. [**Feed**] 074916
its application to evaluation of **feedstuffs.** II 074982
studies into acid-base ratio in cattle. [**Feed**] 075019
Selenium: necessary element in **feed.** 075026
Sludge adds up as **feed.** 075030
young hens of White Leghorn breed. [**Feed**] 075068
Bedding with protein for swine? [**Feed**]. 075102
Tests concerning protein in **feed.** 075129
diiodine-4-nitrophenol (Syngamix) in **feed.** 075139
with Aurero-S-700 medication in **feed.** 075900
Survivability of neoplastic viruses in **feeds.** 075924
Narrow-leaf lupine for **feed.** [Forage plants, 078513
Uzbekskaia Polusakharnaia beets for **feed.** 078514
to crops turnips & cabbage for **feed.** 079493
of pigeon keeping. II. **Feed additives.** 074876
Feed additives for beef cattle. 075079
Feed additives that stimulate growth. [Swine 075101
on quality of forage for **animal feed** protecti- 081284
Cryptococci of commercial **bird feeds.** II. C- 074356
Testing commercial **feed Bjarsjolagard** with 074924
coccidiostat "Cycostat" in **feeds** for **broilers** 075081
Cultivated grass & price of **feed cakes.** [Dai- 078254
Carbohydrate feed-stuff made out of wood. 074357
Birds of a **cattle feedlot** in southern Califor- 073002
of barley & sorghum grain. [**Cattle, feed**]. 074338
predispose to urolithiasis in **cattle feedlots.** 076014
On distribution of **mast cells** in lungs & liver 074529
antimacrophage serum on **mast cells** in expe- 075591
system of aeration for **chopped feed.** 080719
Assessment of **coarse feed** quality by German 074332
Testing **commercial feed** Bjarsjolagard with 074924
Feed concentrate as sole feeding in feeding 074936
in packaged, standard **feed concentrates.** 074353
ration mixed feeds, mixed **feed concentrates,** 075149
of feeding installation for **feed concentrates** 080836
on chicks & rats. [**Feed contamination**]. 076138
in chicks on growth, **feed conversion,** malab- 074720
origin on weight gains & **feed conversion** in 075034
determining digestibility. [Dairy **cows, feed**] 074964
in all-mash on liveweight gains, **feed-, crude** 076348
Local by-products as **feeds** for **dairy** cattle. I 074940
Cheaper & easier to **feed dairy** cows a comp- 075009
Feedlot design & construction. 080726
On performance of **feed device** in piston type 080932
Optimization of **feed dispensing** by means of 075022
Influence of **distillers feeds** on cellulose dige- 074914
Benefits of using **domestic feed** for donkeys 075007
A new key in evaluation of **dried feed** for pr- 074347
Dry feeds & supplement of amino acids in f- 075070
Increasing **feed efficiency** & growth rate of 074899
weights. I. Effects on gain & **feed efficiency** 074954
microingredients for **feedstuffs employed** in 075105
Feed evaluation & ration calculation based 074958
Hay--an **excellent feed** supplement while on 074944
including age, productivity & **feed factors.** 074838
Effect of physical form of **feed** on **feeding** ac- 074985
of blood. [Slaughter-house waste, **Food, feed** 073841
Fusarium **free feed** for ganders. 074323
content in all-mash on liveweight **gains, feed** 076348
On idea of a new **German feed** law. 073477
for phosphorus availability of **feed grade** sou- 075046
Fighting weeds in **feed grain** with chemicals 079419
Effect of **granulated feeds** on activity of catt- 074833
Forage plants for **green feed** in dry trans-Vo- 078584
acidophilus in chicks on **growth, feed** conver- 074720
Effect of protein level in **feed** on **growth** of 074874
prospects of market for commercial **hog feed** 073246
Recycled feedlot waste as a **hog feed.** 074903
Anxiety over quality of **feeds--an important** 074366
Increasing feed efficiency & growth rate of 074899
Development of mixed **feed industry.** [Costs 073021
Development & aims of **feed industry** in cen- 074358
of sugar beets in large scale **feed industry.** 074343
age of nutrition; how do we **feed infants,** chi- 073727
on eating behaviour & **feed intake** in chicke- 074700

lactation on voluntary **feed intake** of Afrika- 075004
Final notes on **feedstuffs integrators.** 074360
On idea of a new German **feed law.** 073477
Effect of **feed level** during oestrous cycle on 074976
poultry manure as **feed** for **livestock** & poult- 075023
Antibiotics in **livestock feed.** 075702
poultry manure as **feed** for **livestock** & poult- 081823
Save protein by reducing **feed losses.** [Swine 074942
of 1/2 Swiss-Guzera steers in a **feed-lot** trial 074888
Digestibility of processed **feedlot manure** (C- 074900
Feed market out of joint: Effects on econo- 073315
analysis for carotenoids in **feed materials:** co- 074320
Effect of **feed medicaments** on bacterial infe- 075810
hydrolized flour in **milk feed** mixtures. [Cal- 074855
for freshness in fish & fishmeal. [**Mink, feed** 074909
Development of **mixed feed** industry. [Costs 073021
New **mixed feed** works on Nord-Ostsee-Kan- 074350
Mixed feed prepared on farm using mobile 074365
for organizing production of **mixed feeds** on 074370
poultry manure for use in **mixed feeds.** 074372
Developing recipes for full-ration **mixed fee-s,** 075149
Mixing feeds?; here's how to calculate nutri- 074327
hydrolized flour in milk **feed mixtures.** [Cal- 074855
of utilizing sunflower seed in **feed mixtures** 075094
Value of animal fat in **feed mixtures** for bac- 075103
Technique of **mobile feed** vessels. [Swine]. 080969
Pasture feed & animal health. [Cattle]. 076129
Feed planning in regard to protein quality. 074912
Laboratory control in **feed plant.** 074361
of phosphorus from **plant feedstuffs** in diets 075069
Keeping runoff safe. [**Feedlots, pollution**]. 081765
Oxidation ditch reduces **feedlot pollution.** 081766
Optimal quality of **poultry feed.** 074923
new or improved **poultry feedstuffs** by para- 075036
Mixed **feed prepared** on farm using mobile 074365
Digestibility of **processed feedlot** manure (C- 074900
Feed processing for high performance cows. 074344
Produce feed at a profit. 072856
First quality **feed produces** good skins. [Mi- 075128
quality of forage for animal **feed protection.** 081284
World-wide **feed protein** crisis. 074317
Feed & protein utilization under different e- 075100
Assessment of coarse **feed quality** by German 074332
First **quality feed** produces good skins. [Mi- 075128
Lysine in **feed ration** & protein exchange in 075137
Feed rations for dairy cattle during winter f- 074935
Using ammonium salts in **feed rations** of tu- 074993
supplement of amino acids in **feed rations** of 075070
Dry protein mixture in **feed rations** of grow- 075072
On norms for sugar in **feed rations** of milch 075095
sugar beet into standardized **feed rations** for 075108
by-products in standardized **feed rations** for 075110
of fattening swine on **feed rations** with prote- 075142
of vitamins A, D2, & B12 in **feed rations** of 075147
of mineral supplements in **feed rations** of rumi- 075148
degree of using nutrients in **feed rations** of 075152
in a Great Plains stream **receiving feedlot** r- 081877
Recycled feedlot waste as a hog feed. 074903
Oxidation ditch **reduces feedlot** pollution. 081766
Save protein by **reducing feed** losses. [Swine 074942
of German Democratic **Republic feed** valuat- 074331
by German Democratic **Republic feed** valuat- 074332
Feed requirement including energy requirem- 074939
Feed reserve requirement in industrial cow 074948
Improved use of **feed reserves.** 075165
More complete use of **feed resources.** 078582
on pressure ammonification of **feedstuffs rich** 074319
Are North American-style **feedlots right** for 074950
Great Plains stream receiving **feedlot runoff** 081877
Uncle **sam feeds** his children. 073729
utilization of sugar beets in large **scale feed** 074343
Factors limiting intake of **feed** by **sheep.** VII 074867
Feed situation. 073373
More efficient use of **feeds** in **stall** housing. 075166
Protein in packaged, **standard feed** concentr- 074353
processed sugar beet into **standardized feed** 075108
sugar-beet by-products in **standardized feed** 075110
Planning for outside bunks? [**Feed storage**] 080733
Carbohydrate **feed-stuff** made out of wood. 074357
Are North American-**style feedlots** right for 074950
Equipment for handling **summer feed.** 080902
Hay--an excellent **feed supplement** while on 074944
for raising of effectiveness of **feed supplies.** 074945
Organization of **feed supply** in intensive milk 074947
Evaluation of **feed** for **swine** with low starch 074886
copper high-tension lines. [**Feed toxicity**]. 076149
Supply of **feed urea** in ruminant feeding: Hi- 075122
farm animals for **feed** & for other **useful** pur- 075124
Contribution to study of **feedstuff utilization** 074851
on milk production & **feed utilization** in dai- 074962
Contribution to study of **feedstuff utilization** 075178
German Democratic Republic **feed valuation** 074331
German Democratic Republic **feed valuation** 074332
Effect of **various feed** on egg yield of guinea 074877
on effects of two new **vegetable feeds** (Macr- 075584
Technique of mobile **feed vessels.** [Swine]. 080969
of pregnancy & lactation on **voluntary feed** 075004
Recycled **feedlot waste** as a hog feed. 074903
World-**wide feed** protein crisis. 074317
New mixed **feed works** on Nord-Ostsee-Kan- 074350

FEEDING

in "sour" or "pickled" colostrum. [**Feeding**] 074941
Merino sheep in eastern Highveld. [**Feeding** 074999
Experiences with maintenance & **feeding.** [075006
organism. Experiments in poultry. [**Feeding-** 075074
of Locusta migratoria in relation to **feeding:** 080224
diammonium citrate for laying hens. [**Feedi-g** 075048
studies on variations in **feeding activity** of c- 074985
You may be **feeding** your **alfalfa** to insects. 079714
for improvement of corn for **animal feeding** 078496
metabolism in high saturated fat **fed animals** 074632
Comparison of two **antibiotic feeding** progr- 074905
Artificial feeding of Icerya purchasi Maskell 080361
Influence of **feeding ascorbic** acid & sulfate 075045
for buying feeder cattle; seelling **fed beef.** 073202
Drought management & **feeding** of **beef** catt- 075104
Feeding behaviour elicited by electrical sti- 075038
Research on **feeding behaviour** in ruminants. 075085
Blood-feeding requirements of mosquito: geo- 080026
as sole feeding in **feeding breeding** sows. 074936
Feeding of **breeding** sows during lactation at 075121
Feeding of **brickets** & cobs from hot air dri- 075015
Tips for **buying feeder** cattle; seelling fed be- 073202
On number of times for **feeding calves.** 075134
Tips for buying **feeder cattle;** seelling fed be- 073202
fraction in serum of young **cattle fed** with m- 074704
Feeding for **cattle** fattening in industrial pr- 074946
of blacklight-**chemosterilant feeder** & Trich- 079699
Lysine requerement of growing **chicks fed** se- 075057
Feeding children. 073733
Inspection of **commercial feedingstuffs,** 1971 073897
of rats' skin in abnorma l **feeding conditions** 075028
Custom **feeding contracts.** 072845
of cattle maintenance. [**Feeding, costs**]. 073023
Production of milk from **feeding cow:** with a 074925
Advice on dairy **cow feeding.** 075111
Organization of **cow feeding** in industrialized 075162
Iodine content in cow's milk with **cows fed** 073983
deficiency of these elements. [**Cows, feeding** 075031
Iodine content in cow's milk with **cows fed** 075170
Custom feeding contracts. 072845
Feeding dairy cow in winter. 074841
Hormone supplies in **feeding dairy** cattle. 074937
Feeding of **dairy** cow & its effects on qualita- 075093
Mechanization & automation in **feeding dai-y** 080926
content of laying hens or pullets **fed DDT** in 075061
of caged White Leghorns **fed DDT.** 075325
Influence of **underfeeding** upon **development** 074759
Effects of **feeding different** magnesium levels 074961
Effect of **feeding different** protein levels & of 075050
Effects of **divided feeding** of roughage on ra- 074984
Silica urolithiasis in **dogs fed** an atherogenic 076058
different magnesium levels to **drylot-fed** ges- 074961
chronic toxicity from **feeding Dursban** (0,0-d- 076140
Metabolism cage with **electronic feeding** & 074844
resulting from **experimental underfeeding.** [075091
Results of **farm feeding** performance test of 075014
metabolism in high saturated **fat fed** animals 074632
male leg disc fragments in sugar **fed female** 080253
Foliar feeding of potato plants with urea. 081329
caecal lesions in pigs **following feeding** of su- 075123
Forage fed slaughter beef: a victim of affluе- 074996
Energy & protein utilization in **forages fed** 074963
Effect of **forced feeding** & of dietary protein 075053
magnesium levels to drylot-**fed gestating** beef 074961
Effect of fasting & **refeeding** by **glucose** on g- 075071
short-term fasting, & **refeeding** on **goats.** 074861
Whole wheat **grain feeding** of lambs. II. Gr- 074869
Whole wheat **grain feeding** of lambs. III. R- 074870
Feeding grass straw to wintering beef cows. 075029
Studies on food & **feeding habits** of soil Ori- 080375
composition & defects of eggs from **hens fed** 075062
New knowledge on **feeding** of **high** performi- 075127
Observations on influence of **feeding horse** t- 074933
on gas metabolism in light **horses fed** a com- 074607
handling for livestock **housing, feeding** & ya- 080693
Use of **feeding installation** for feed concentr- 080836
on larvae deprived of food & on **larvae fed** a- 080177
Effect of **feeding laying** hens various levels of 075039
An ideal program for **feeding** of **lean** pig. 075098
performance of caged White **Leghorns fed** 075318
performance of caged White **Leghorns fed** 075325
performance of caged White **Leghorns fed** 080126
performance of caged White **Leghorns fed** 080127
Activity of **feeding** of **Leptinotarsa** decemlin- 080463
Experiences with ad-**libitum feeding** in fatte- 075119
index of consumption with **liquid feeding** of 080853
16Th, Montana **livestock feeders** report. 075078
of chemical synthesis) in **livestock feeding.** 075146
standardization of **livestock feeding.** 075150
biological stimulators in **livestock feeding.** 075151
of caged White Leghorns **fed malathion** & c- 075318
Buying & **managing feeder** pigs. 074429
different levels & times of fish **meal feeding** 075001
upon composition of mineral **feeding mediu-** 080163
Performance of swine **fed opaque-2** or norm- 074956
metabolism of Fusarium **oxysporum fed** with 078888
Calves of mountains. [**Pastures, feeding**]. 075107
Results of farm **feeding performance** test of 075014
Buying & managing **feeder pigs.** 074429
Swine & **poultry feeding** after a norm. 075018
On **feeding pregnant** dry Simmental cows w- 075144
enterprises of cattle **production--feeding** of 074453
of two antibiotic **feeding programs** for growi- 074905
Can we economize on **protein fed** to broilers 074998
content of laying hens or **pullets fed** DDT in 075061
consumption of grain for **feeding purposes** (073309
pork production implies **rational feeding.** 075112
16Th, Montana livestock **feeders report.** 075078
Blood-**feeding requirements** of mosquito: geo- 080026
I. effect of high energy & **restrictive feeding** 075158
supply of dried forage in **ruminant feeding.** 075120
Supply of feed urea in **ruminant feeding:** Hi- 075122
concentrates used in **feeding** of **ruminants.** I. 074706
Problems of **feeding ruminants.** 075011
School feeding: New Orleans style. [Food h- 073735
Tips for buying feeder cattle; **seelling fed** be- 073202
a new experimental model: **separate feeding** 073750
requerement of growing chicks **fed sesame** 075057
Feeding of **Shaver** Starcross 288 laying hen 074875
first-crop alfalfa hay. [**Sheep, feeding**]. 074856
Effect of **simultaneous feeding** of aflatoxin & 076136
signals as aids to orientation at **feeding site** 080673
Forage **fed slaughter** beef: a victim of affluе- 074996
Feed concentrate as **sole feeding** in feeding 074936
Structure of water-**soluble feeding** stimulant 078226
Feeding specificity for anthocoride predator 079673
of Nelore & crossbred **steers fed** in confine- 074892
Structure of water-soluble **feeding stimulant** 078226
study on effect of modifying **straight feeding** 074863
of pork. influence of **sugar feeding.** 073986
male leg disc fragments in **sugar fed** female 080253
Advice on **summer feeding** of pigs. 075118
in cow's milk with cows **fed supplement** of 073983
Supplementary feeding of steers. 074949
effect of some phosphate **supplements fed** to 076115
Protein levels for **swine fed** to heavy weights 074954
Protein levels for **swine fed** to heavy weights 074955
Performance of **swine fed** opaque-2 or norm- 074956
Feeding of **swine** in various stages of growth 075097
inhabitants of RSFSR. [**Swine, feeding**]. 075161
milk substitutes. [Cattle, **swine, feeding**]. 075172
for dairy cattle during winter **feeding time.** 074935
An efficient method of **feeding urea** to livest- 075130
of chemical composition & **feeding value** of 074990
state of investigations into **feeding value** of 075035
Feeding of **various** types of maize cob silage 075154
Daily vs twice-a-**week feeding** of gestating s- 075156
Draff for cattle. [**Feeding, wet** grains]. 075153
for dairy cattle during **winter feeding** time. 074935
using standardized methods of **feeding young** 074910
enzyme preparations in **feeding young** swine 075171

FELINE

oral administration of **attenuated feline** pan- 075706
gondii antibodies in selected **feline, canine,** 075631
Stomoxys calcitrans, **Ctenocephalides felis**] 079943
A rare outbreak of **Ctenocephalides felis** ori- 080013
larval nourishment of **Ctenocephalides felis** 080458
Feline toxoplasmosis & coccidiosis: a survey 075628
Feline virus-induced tumors & immune resp- 075623

FEMALE

of spermatozoa in genital tracts of **females.** 075407
of Drosophila melanogaster. XX. **Females.** 080425
Way for **agricultural female** laboratory tech- 072630
Female of **Catoptropteryx** extensipes Karsch 080533
On fattening of **female cattle.** 075016
of reproductive organs of **females** of **Dacus** o- 079764
Reproduction in male & **female domestic** an- 075243
for identification of **females** of **European** sp- 080464
male leg disc fragments in sugar **fed female** 080253
EMS) affecting male & **female gametes.** 080269
Development of ovule & **female gametophyte** 076921
Skeleton & musculature of **female genital** & 080297
Female genitalia of Dixinae from Corsica. 080647
leg disc fragments in sugar fed **female hosts** 080253
Noctuidae, from gamma-**irradiated females.** 079694
Way for agricultural **female laboratory** tech- 072630
Selection of **female line** of rabbits for meat 075235
Time & duration of **female meiosis** in wheat, 076982
of Drosophila **melanogaster females.** [Mutat- 080429
Estrogen acitivity in **female mice** of strains 075776
Determination of **mosquito females** by micr- 080586
pesticide metabolism in **ovine females.** 074640
control of sexual development of **female pigs** 075225
control of sexual development of **female pigs** 075226
in genital tract of **female rabbit.** 074668
nervous-distrubances in **female ruminants** & 076005
Body surface area of **female swine.** 074647
nutrition on development of **female ticks.** [079999
lethal mutations in **females** of **various** Dros- 080426

FENAC

Ecological effects of aquatic **herbicide Fenac** 079550

FENCES

A modification of slanting **deer fence.** [Range 078396
crops, perennial weeds, **fence rows,** & non-c- 079560

FENNEL

Control of seed mycoflora of **fennel** (Foenic- 078986

FENURON
Effect of **fenuron** on **trees** & grasses. [Weed 079577

FERMENTATION
Studies on **fermentation** of **burley** tobacco. 074168
microscopy of cured & **fermented cigar** toba- 074227
Riboflavin content of some **fermented foods** 073849
Method of recording **fermentative** gases of r- 074793
presently posed in **fermentation industries** in 073812
respiratory & **fermentation measures** of seve- 077406
Maziwa lala--a **fermented milk.** 073982
rapid **fermentation procedures:** Technoology 073814
Analysis of **fermentation** by-**products** in corn 074171
dialysis on **fermentation** & **protozoal** popula- 074650
Variation of **unfermentable reducing** substan- 074090
of calves by avoiding **rumen fermentation.** 074899
Secondary fermentation in casks & in bottles 073919

FERREDOXIN
Large **ferredoxin crystals** from a blue-green 077539
possible role of a **ferredoxin-dependent** pyru- 077544

FERRIC
method for determination of **ferric** & **ferrous** 073917

FERROUS
for determination of ferric & **ferrous cation** 073917
Effect of **ferrous sulphate** on availability of 081102

FERTILITY
on productivity of Chinese geese. [**Fertility**] 075287
I. Morphological characters & **fertility.** 077076
hexaploid Triticale. II. Meiosis & **fertility** in 077093
Trend of **fertility** along "horizontal unilater- 078613
micronutrients at different levels of **fertility.** 081386
An attempt to test **fecundation ability** of bull 075309
of density on survival & **fecundity** of **adults.** 079988
Plains **bluestem fertility** test. [Agropuron s- 081485
Comparison of **fertility** of **bovine** semen coll- 075192
Inherited disorders **causing infertility** in bull 075997
Fecundity of **cows** in light of cytogenetic re- 075310
A contribution to study of **fertility** of **cows** of 075332
on farmers' fields soil **fertility-cum-**soil surv- 081352
hydrolysate to diet on **fecundity** of **Dacus** ol- 080182
Studies on **fertility** of **DDK** mice: reciprocal 075276
on rate of **development, fecundity** & longevi- 079717
in water-logged soils at **different fertility** le- 081098
index versus hatchability of **fertile eggs** of J- 075324
Fertility evolution tendencies in certain ero- 081235
affecting weight & **fertility** of **ewe** lambs. 075251
Heritability of some **fertility factors** & grain 077251
Glume fertility in primitive bread wheats of 077255
injections to cause **infertility** in **heifers,** gilts 075209
Possibilities to **improve fertility** of dairy cat- 075294
Clinical aspects of **infectious infertility.** [Liv- 075875
Fertile leaves of Protolepidodendron wahnb- 076692
water-logged soils at different **fertility levels** 081098
Morpa weeping **lovegrass fertility** test. [Era- 081484
crop rotation on soils with **lower fertility.** 078557
Complementation analysis of **male fertility** 080265
Ovulation, fertility & prenatal mortality in 075275
Restoration of **pollen fertility** of some T [T- 077250
Fertility of **ram** spermatozoa frozen in a tris 075196
Study of some factors **regulating fecundity** of 080285
Study of some factors **regulating fertility** of 080286
Increase in **fertility,** with **repeated** mating, of 080215
on farmers' fields **soil fertility-cum-**soil surv- 081352
of lime fertilization or **soil fertility.** 081400
Ecological crisis, agriculture, & **soil fertility** 081545
experiences in crop rotation on **fertile soils.** 078550
their relationships with **sow fertility.** 075364
Importance of stilbestrol in **sow infertility** t- 076050
Fertility & **survial** of tobacco budworms, He- 079694
An attempt to **test fecundation** ability of bull 075309
Morpa weeping lovegrass **fertility test.** [Era- 081484
Plains bluestem **fertility test.** [Agropuron s- 081485
of stilbestrol in sow **infertility treatments.** 076050
Fertility on **vertical** & curved shoot with dif- 078612
by P [phosphorus] **fertility, water,** & soil t- 077665
of genital organs & **fertility** of **white** mice. 075441

FERTILIZATION
Saving costs in **fertilization.** 073039
quantitative dependence on **fertilization.** [Po- 077679
Saving costs in **fertilization.** 081362
ammonia for direct **fertilizing accomplishes** 081281
Usage-adjusted fertilisation of potatoes. 081347
Fertilizing advice. [Grain]. 081424
Fertilizing advice. [Field crops]. 081425
of rice & wheat to **fertilization as affected** by 077747
Fertilization of **avocado** trees. 081325
Studies on **balanced fertilization** of maize in 081277
of irrigation & **fertilization** of **beans** in oper- 073048
repeated washing on **fertilizing capacity** of f- 075261
analysis as a guide to **fertilization** of **citrus** 081504
nitrogen in case of **combined fertilization** wi- 078168
Copper fertilization of pastures. 081434
mandarin. 1. Effect of **different fertilization** 078174
Use of urea for **fertilizing** under **different** c- 081280
mandarin. 1. Effect of **different fertilization** 081494
Carbon **dioxide fertilization** in greenhouse c- 081390
Use of ammonia for **direct fertilizing** accom- 081281
Use of **economised fertilization** & cultivation 078319
Meliaceae.-IV. **Fertilisation, endosperm** & 076783
Fertilizing experiment with Larix leptolepis 076360
results from lime **fertilization experiments.** 081320
Evaluation of **fertilizing experiments** on a T- 081326
Pasture **fertilization experiments** of long du- 081436
More labor & capital for **forest fertilization** 076298
in nutrition & **fertilizing** of **grapes.** 078196
Some problems of **grassland fertilization.** 081453
between irrigation & **fertilizing** in **growing** s- 078485
of pastures on nitrogen **fertilization level** ex- 077798
aspects of results from **lime fertilization** ex- 081320
Significance of **lime fertilization** or soil ferti- 081400
Magnesium fertilization. 081454
Effect of **fertilization** & other **management** 081480
pastures caused by **fertilizing** with **manure** f- 079331
Irrigation, **mineral fertilizing** & planting de- 078483
Mineral fertilisation by sprinkler irrigation 081348
Mineral fertilization of potatoes & winter r- 081388
Effect of **mineral fertilization** on meadow so- 081472
Study on **fertilization** of **molassesgrass,** Mel- 081322
of rye quality by **nitrogen fertilization.** 074121
of pastures on **nitrogen fertilization** level ex- 077798
under influence of **nitrogen fertilization.** 077902
Relationship between **nitrogen fertilization** 077903
Influence of **nitrogen fertilization** on protein 077934
Influence of **nitrogen fertilization** on mineral 078041
on plant density & **nitrogen fertilization.** 078279
winter wheat & delayed **nitrogen fertilization** 078318
II. influence of **nitrogen fertilizing.** 078374
experimental designs: **nitrogen fertilization** 081312
on plant density & **nitrogen fertilization.** 081321
Production function of **nitrogen fertilization** 081337
Effect of late **nitrogen fertilization** on yield 081339
Effect of **nitrogen fertilization** on lysine, tr- 081340
Nitrogen fertilization of perennial forage cr- 081346
economised **nitrogen fertilization** in industri- 081350
of rye quality by **nitrogen fertilization.** 081363
Influence of **nitrogen fertilization** on mineral 081369
Field study on **nitrogen fertilization** of soyb- 081373
Rationale for optimum **nitrogen fertilization** 081392
of pastures on **nitrogen fertilization** level ex- 081415
Nitrogen fertilization as a means of seed-bed 081420
versus all mineral **nitrogen fertilization** of fl- 081508
stand patterns & **nitrogen fertilization** on yi- 081524
Early results of **operational fertilization** at 081525
Influence of time of **fertilizing** by **organic** c- 079373
Plan for **pasture fertilization** & utilization-- 078424
Pasture fertilization experiments of long du- 081436
Fertilize pastures correctly!. 081426
Betula pubescens on **fertilized peatland.** 079081
of rate & method of **phosphate fertilization** 081358
soil after 82 years of **phosphate fertilization** 081393
Nitrogen & **phosphorous fertilization** of wh- 081275
Influence of **phosphorus fertilization** on yield 078781
Phosphorus & **Potassium fertilizing** on cour- 077886
potassium] **fertilization** on **potato** yield & le- 078162
Fertilizing potatoes, standard of crop, & food 081421
Influence of **fertilization** of **preceding** crop 081473
residual effects of **fertilized preceeding** corp 078571
concerning influence of **fertilizing** on **quality** 081284
Row fertilization of starch potatoes. 081401
Need for **soil fertilization** in Lodz province 081456
Protection, expansion & **fertilization** of **soil** 081578
Influence of **fertilizing** & **sowing** rate on yie- 077757
Spring fertilization of perennial forage plan- 078556
Fertilization with **straw.** 081432
establishment of **fertilization system** in main 081474
On **fertilizing** with **urea.** [Field crops]. 081318
S [sulphur] **fertilization** on **yield** & quality 081499
Effect of timing of **fertilizations** on **yield** of 081505

FERTILIZERS
Parasite infestation through **fertilizer.** [Oste- 075703
different standards of planting & **fertilizers.** 077634
soils treated with herbicides & **fertilizers.** 081185
high-grade agricultural products. [**Fertilizers**] 081278
on rate of its decomposition. [**Fertilizers**]. 081288
for studying effectiveness of **fertilizers.** 081300
sludge-garbage composts as **fertilizers.** 081315
economics in India: I. [**Fertilizers**]. 081353
wet-process phosphoric acid. [**Fertilizers**]. 081396
on superphosphoric acid. [**Fertilizers**]. 081413
of maximum possible bout widths. [**Fertiliser'** 081441
foundations of intensification of **fertilizer** use 081444
can hamper increasing use of **fertilizers.** 081446
of improving knowledge of **fertilizers** use. 081447
connected with a higher level of **fertilizers** u- 081448
Effectiveness of **fertilizer** use. 081449
for fertilizers & efficiency of **fertilizer** use. 081450
determining economic efficiency of **fertilizer** 081451
Current problems of **fertilizer** use. 081452
Problems of turnover of **fertilizers.** 081462
cotton to management of water & **fertilizer.** 081522
year trials in Modena province. [**Fertilizers**] 081389
making up compound **fertilizers according** to 081514
Fertilizer use on **alfalfa.** 081486
release fertilizers & **fertilizer amendments.** 081371
Effect of **fertilizers** on **apple** tree yield. 081491
lovegrass to time of **fertilizer application.** [077778
I. effect of liquid **fertilizer application** on le- 078175
fruit size of apples. [**Fertilizer application**]. 081398
Fertilizer application to various crops & the- 081457
of phosphorus **fertilizer application** rates to 081492
I. effect of liquid **fertilizer application** on le- 081495
of Ukraine in relation to **fertilizers applied.** 078193
phosphorus, potassium] **fertilizers applied** to 081323
crop on efficiency of **fertilizers applied** to s- 081473
pastures with mineral **fertilizers applied.** 081512
Economic effectiveness of **applying fertilizers** 073056
On effectiveness of **fertilizers** on **bog**-podzol- 081310
by placement of **broadcast fertilizer.** 081520
on spinning discs of **fertilizer broadcasters.** 080881
by carbonaceous matter or **carbo-fertilizers.** 081199
delivery of **fertilizers** to **collective** farms & s- 073119
commercial fertilizers, 1972; agricultural & 073897
Storage hall for loose **commercial fertilizers** 080708
application of **commercial fertilizer** & plant- 080994
seeding, application of **commercial fertilizer** 080995
commercial fertilizers, 1972; agricultural & 081440
Storage & handling of **commercial fertilizers** 081498
Commercial fertilizers & water quality. 081507
suspension **fertilizer compatibility.** [Corn]. 079607
spray-on suckercide & a **complete fertilizer** 080129
Complex fertilizers-- main task of fertilizer 081279
as components of **complex fertilizers.** 081516
in making up **compound fertilizers** according 081514
of production of fluid **fertilizer concentrates** 081355
Fertilizers for **cotton** in Shirvan Steppes. 081407
programme of **fertilizer** use with **credit.** 073068
fertility test. [Eragrostis **curvula, fertilizers**] 081484
Fertiliser distribution through institutional 081416
Effect of **fertilizers** on **dynamics** of nitrates 081294
by agrochemical centres. [**Fertilizers, East** 081332
between demand for **fertilizers & efficiency** 081450
Fertilizer use in **farmers'** opinions. 081459
Fertilizers for **fine**-fiber cotton in Karshi St- 081295
studies of production of **fluid fertilizer** conc- 081355
practices of spreading **forest fertilizers.** 081357
Fertilizer use on **grain** sorghum. 081487
Fertilizer use & **grassland** improvement on 081327
Problems of **fertilizer** use **guidance** as related 081443
sward. [Dactylis, **harvesting, fertilizers**]. 078400
Quality of **industrial fertilizers** in 1971--197 081282
Dimensions of **international fertilizer** market 081276
under irrigation at three **fertilizer levels.** 078792
Fertilizer test using **liquid fertilizer** by spri- 078175
Selected problems of **fertilizer** use in **Lodz** 081445
Complex **fertilizers**-- **main** task of fertilizer 081279
in poultry houses. [**Manures, fertilizers**]. 081287
of international **fertilizer market.** 081276
effectiveness of applying **mineral fertilizers** 073058
in cotton as affected by **mineral fertilizers** 077720
Effect of **mineral fertilizers** on stem eelworm 079233
Effectiveness of **mineral fertilizers** of flax in 081296
Development of **mineral fertilizer** production 081301
Effect of **mineral fertilizers** on stem eelworm 081313
Mineral fertilizer for potatoes as raw mater- 081402
Applying **mineral fertilizers** to eroded bog-p- 081403
Applying **mineral fertilizers** to potatoes in 081404
to application of **mineral fertilizers.** 081493
application of organic & **mineral fertilizers.** 081496
of irrigated pastures with **mineral fertilizers** 081512
Effect of **mineral fertilizers** on yield capacity 081517
How **much fertilizer** for grasslands? 081317
to applying ammonium **nitrate fertilizer** to 078150
Effectiveness of forms of **nitrogen fertilizers** 073057
Effect of forms of **nitrogen fertilizers** on ch- 077296
a background of different **nitrogen fertilizers** 077721
Effect of forms & levels of **fertilizer nitrogen** 077824
application dates for **nitrogen fertilizers** on 081286
Conversion of **nitrogen fertilizers** in soil wh- 081291
Applying **nitrogen fertilizers** to spring wheat 081299
Effect of doses of **nitrogen fertilizers** on yie- 081304
Commercial **nitrogen fertilizer** & environme- 081314
Urea as a source of **nitrogen fertilizer** for g- 081316
Nitrogen fertilizer: price levels & sales in Il- 081370
Effectiveness of forms of **nitrogen fertilizers** 081405
Nitrogen fertilizer trials on irrigated navy b- 081477
sylvestris to various **nitrogen fertilizers** on 081500
at different levels of **nitrogenous fertilizer.** 077686
Losses of **fertilizer nutrients** in surface runo- 081354
Report of analyses of **official fertilizer** samp- 081417
of oil slicks using **oleophilic fertilizers.** 081793
with synthetic & **organic fertilizers.** 081470
Effect of **peat fertilizers** on productivity of l- 081490
young maize as influenced by **fertilizer pH** 081489
red soils treated with **phosphatic fertilizers** 081092
Uptake of **fertilizer phosphorus** by Chernoz- 081192
Effect of **phosphorus fertilizers** on grain cro- 081305
application dates of **phosphorus fertilizers.** 081406
Effect of **phosphorus fertilizers** on spring w- 081411
Source of **phosphorus fertilizer** for wheat pr- 081483
Determination of **phosphorus fertilizer** appli- 081492
plains. VI. Effect of **fertilizer placement** on 078266
dosage of **fertilizers** for a **planned** yield in ir- 081511
of nutrient content? [**Fertilizers, plant** nutri- 081283
of forms of **potassium fertilizers** of various c- 081290
Effectiveness of **potassium fertilizers** in field 081306
properties of soil & **fertilizers** of **preceding** 081296
Fertilizers & some **problems** of Programme 081461
main task of **fertilizer production.** 081279
of mineral **fertilizer production.** 081301

effectiveness of **fertilizers** under **production** 081412
for development of **fertilizers production,** ch- 081458
Crucial problems of **fertilizer production** & 081460
Effect of **fertilizers** on **productivity** of differ- 081293
Fertilisers & their **rail** movement in India. 081351
Effectiveness of **fertilizers** in **raising** new var- 081410
Estimation of **fertiliser rate** for maintaining 081442
Fertiliser recommendations on farmers' fields 081352
Fertilizer recommendations, 1973-1974: Del- 081430
Synthetic slow-**release fertilizers** & fertilizer 081371
Controlled **release fertilizers** by chemical m- 081391
Optimum spacing & **fertilizer requirement** of 078366
Wheat variety X **fertilizer response** study. 081479
Effects of **fertilizer** on **root** strength of She- 077671
of analyses of official **fertilizer samples;** July 081417
relation to their content in **soil, fertilizers** t- 078739
connected with **fertilizer** use, with special re- 080938
Atrazine & **suspension fertilizer** compatibili- 079607
Fertilizer test using liquid fertilizer by spri- 078175
management of water & **fertilizer** on **Texas** 081523
to their content in soil, **fertilizers treatm-** 078739
Effect of **fertilizer treatments** & hehydration 078084
of needle analyses from a **fertilizer trial** in a 076228
grandis (Hill) Maiden in a **fertilizer trial** at 081345
of needle analyses from a **fertilizer trial** in a 081513
Nitrogen **fertilizer trials** on irrigated navy b- 081477
1970 **Fertilizer trials** on irrigated beans in c- 081519
Potato recipe: **water, fertilizer.** 078773
in Illinois streams. **[Watersheds, fertilizers]** 081800
Fertilizer use on **wheat.** 081481
Fertilizers for **winter** rye in crop rotation in 081308
Effect of **fertilizers** on **yield,** quality & upta- 077636
Influence of **fertilizers** on **yield** in wheat gr- 077893
combinations & doses of **fertilizers** on **yield** 081397
Effectiveness of **zincated fertilizers** for young 081489

FERULIC

enzymes involved in reduction of **ferulic acid** 077408
acid in presence of inh-bitor **ferulic acid.** [078126

FESCUE

SEE FESTUCA

FESTUCA

Performance of fine fescues. **[Festuca].** 078332
of S.170 tall fescue **(Festuca arundinacea).** II 077766
transpiration of **Festuca arundinacea.** 077841
L.) Vill. (2n=42) x **Festuca arundinaces** Sc- 077077
Dactylis anf tall fescue. **[Festuca elatior].** 078307
Tall fescue. **[Festuca elatior,** culture]. 078445
pratense, Dactylis **glomerata, Festuca** arund- 077645
exemplified by Dactylis **glomerata, Festuca** 077798
or red fescue. [Dactylis **glomerata, Festuca** 078479
exemplified by Dactylis **glomerata, Festuca** 081415
seed plants of Phleum & **Festuca pratensis** in 081304

FETAL

studies on bovine parturition: **foetal aspects** 075191
of newborn: ovine & **bovine fetuses** vaccinat- 075614
Listeria monocytogenes from **bovine fetus.** 075921
concentration in fetal plasma & **fetal fluids** 074785
Changes in composition of sheep **fetal fluids** 075269
Relationship of **fetal gonads** to urinary estr- 075183
viral persistence in porcine **fetuses incubated** 075620
changes in sows & their **fetuses** in **last** third 075400
in normal & porphyric **fetal, neonatal** & adu- 074596
in brown fat & liver of **foetal** & **newborn** ra- 074561
About age of **fetus, presence** of agent & seas- 075919
Maternal & **fetal responses** to varying levels 074655
Immunofluorescence of **Vibrio fetus.** 075923
Relationships between **fetal weight,** placental 075264

FEVER

disease resembling malignant **catarrhal fever** 075664
Fight against **cattle fever** ticks. [Babesia] d- 080029
East **coast fever:** infectivity for cattle of infe- 075710
East **Coast Fever** of cattle: 60Co [cobalt] ir- 075732
East **Coast fever:** correlation between morp- 075795
East **Coast Fever** of cattle: 60Co [cobalt] ir- 080010
"Fog fever" (acute bovine pulmonary emphy- 076097
resistance to **hyperthermia** & **hypothermia** in 074727
Milk fever can be prevented. 076029
Incidence of **spotted fever** in wood ticks of 079994
use of TVM-1 vaccine against **swine fever** in 075955
Tick fever (spirochaetosis). [Poultry]. 075852
on a focus of "Q" **fever** in a **zootechnical** un- 075758

FIBERBOARD

cleaning of effluents from a **cardboard mill,** 081781

FIBERS

on chemical & physical properties of **fibres.** 076506
on chemical & physical properties of **fibres.** 076507
Group on Jute, Kenaf & **Allied Fibres** Rome 074108
orientation in native **cellulose fibers.** [Cotton 074221
shedding, boll **characteristics, fiber** quality, 077912
sperm & fungal spore **chromosome fibres.** [076926
Percentage of passively **contracted fibres** in 074590
wearing & multiple bending of **cotton fiber.** 074133
Fertilizers for fine-**fiber cotton** in Karshi St- 081295
Changes in **crude fibre,** fat & protein content 077420
maturity & fibre output, **decorticated fiber** 074191
Muscle **fiber development** in cattle during g- 074587
Changes in crude **fibre, fat** & protein content 077420
Fertilizers for **fine-fiber** cotton in Karshi St- 081295
phases on yield & quality of **fiber-flax** seeds 077910
Genetic improvement of **hardwood fiber** pro- 076415
for dairy cattle. I. High-energy. **High-fiber** 074940
Substituted phenylthioureas, **including fibre-** 073684
Individual fiber properties of commercial pu- 076523
midrib mutant of Zea mays. I. **Fibre, lignin** 074979
Muscle fiber development in cattle during g- 074587
of ultrastructure in slow **muscle fibers** of chi- 074617
stage of hemp maturity & **fibre output,** deco- 074191
Increased **wood-fiber production:** technology 076337
improvement of hardwood **fiber production** in 076415
Future of **fiber production** in North-Central 076555
Individual **fiber properties** of commercial pu- 076523
shedding, boll characteristics, **fiber quality,** 077912
fibre output, decorticated **fiber quality** & its 074191
phenylthioureas, including **fibre-reactive** der- 073684
Group on Jute, Kenaf & Allied **Fibres Rome** 074108
group on jute, kenaf & allied **fibres, Sixth** s- 073358
group on jute, kenaf & allied **fibres, sixth** se- 073359
fabrics properties based on **straw, fibre** & y- 074194
Increased **wood-fiber** production: technology 076337
in North-Central States. **[Wood fiber].** 076555
of radioactivity into **wool fibres** during & af- 074550
of technological value of **fibre, yarn** & fabrics 074192
Effects of harvesting dates in **fiber yield** & 078531

FIBRILS

during acute ischemia & **fibrillation.** 074514
Fibril rings in alkali-urea treated polytene 080278

FIBRIN

Extraction of calcium from **blood fibrin** with 074746

FIBROINS

Studies on **silk fibroin** of silkworm Bombyx 080663
Studies on **silk fibroin** of Bombyx mori dire- 080664
Studies on **silk fibroin** of Bombyx mori dire- 080665

FIELDS

aspects of their interpretation & use in **field** 074807
infestation/crop loss relationships in **fields.** 079236
Drip irrigation: an old idea in new **fields.** 081758
seeds in an electrostatic **field according** to t- 078192
soils with use of an **aerodynamic field** unit. 081580
purposes in some **fields** of **agricultural** prod- 072804
industry cooperating in **field** of **agricultural** 072913
for Mutual Economic **Assistance** in **field** of 076305
Studies on **field bean** meal in sole rations for 075117
Field beans & field peas. [Varieties]. 078753
Weed control in **field beans.** 079516
its application to a sugar **beet field.** 077640
yield per hectar in **fields** of **black** kidney be- 078621
Technology & its activity in **field** of **brewing** 073900
hatch of Heliothis spp. in a large **field cage.** 079699
releases in cages & **field** cause **chromosomal** 079701
behaviour in cattle under **field conditions.** 075085
of potato plant under **field conditions.** 077985
laboratory, greenhouse & **field conditions.** 079027
Screening of varieties under **field conditions** 079831
larvicides: efficacy under **field conditions** & 079960
cotton foliage & seed under **field conditions** 080086
armyworm larvae. 1. Regions of **field corn** p- 079702
tasks of plant protection with **field corps.** 079374
for organophosphate-treated **cotton fields** ba- 080049
limitation to grain yield in a **field crop.** 077685
Primary productivity of **crop fields.** [Rye, p- 078250
exploitation of aircraft means in **field crop** 080941
of potassium fertilizers in **field crop** rotation 081306
Dairy cattle rearing on **field cropand** grassl- 075012
Field crops costs & returns from farm cost 072981
crop production: 1938--1970. **[Field crops].** 073452
Michigan **field crops**--now & in 1985. 073485
Testing seeds for oil & protein. **[Field crops** 074082
in a number of farm crops. **[Field crops].** 077832
member countries. **[Field crops].** 078271
trials & variety selection. **[Field crops].** 078409
Varietal trials of farm crops. **[Field crops].** 078425
of programming yield capacity. **[Field crops]** 078564
deficiency symptons of some **field crops.** 079268
at controlling pests & diseases in **field crops** 079378
be deceiving-herbicide injury? **[Field crops]** 079441
Weed preparations are effective. **[Field crops]** 079554
Brazos bottom, 1971 & 1972. **[Field crops].** 079561
On fertilizing with urea. **[Field crops].** 081318
Fertilizing advice. **[Field crops].** 081425
of fertilization system in main **field crops.** 081474
chlorophyll formation in leaves. **[Field crops** 077937
in multiple cropping system. **[Field crops,** v- 078272
fauna on surface of **cultivated fields** after he- 079549
Field desorption mass spectrometry of pesti- 080085
Investigations in **field** of **dithiocarbamate** fu- 080062
seeds of cereal crops in **electrostatic field.** 074229
cucumber seeds in an **electrostatic field** acco- 078192
adolescents, adults, elderly? **entire field** of 073727
Comparison of laboratory & **field estimation** 079194
A **field evaluation** of nematode-resistant to- 079392
Field evaluation of insecticides for controlli- 079798
Field evaluation of petroleum oils for control 079966
Institute of Soil Research in **field** of **excess** 081238
of blending variants in **field experiment** repl- 077174
under potatoes on **experimental field** in Ja- 081196
Field experiments with use of TVM-1 vacci- 075955
recommendations on **farmers' fields** soil ferti- 081352
pollution with plutonium 239 on **field fauna** 081885
Spring seeding in **field forage** cropping. 078539
Field germination trial with pelleted tomato 078173
Fighting weed seeds in **grain field.** 079499
Notes on predaceous habits of **gray field** slug 079809
carbofuran & its metabolites in **field-grown** 077770
Laboratory & **field investigations** with orga- 079763
areas associated with **irrigated fields:** a prog- 079973
slaughter-houses & **field laboratories** of Vete- 075753
egg hatch of Heliothis spp. in a **large field** 079699
Lindcove Field Station avocado variety trials 078650
of fertilization system in **main field** crops. 081474
Michigan field crops--now & in 1985. 073485
a large-sclae field test of rice **field mosquito** 079957
a large-scale field test of rice **field mosquito** 079982
vegetation in old **fields** in **Northampton** Co- 081463
actively engaged in **field** of **parasitology.** 075978
trees in Poland. XI. **Field pbservations** on d- 079866
Field beans & **field peas.** [Varieties]. 078753
Cultivation of **field peas.** 078755
Role of **field personnel** in coming era of land 079955
New pesticides used in **field** of **plant** protect- 079377
International cooperation in **field** of **plant** p- 079379
Chemical weed control in **potato fields.** 079449
Fighting weeds in **potato field.** 079523
Field reaction of different Lr genes to Indian 077254
illumination: effects on **receptive fields** in vi- 074693
appearance of a class of **receptive fields.** 074790
Total insect population & **field relationship.** 079751
s disease: experimental & **field research** on 075675
a long-term, large-scale **field research** project 078644
of a large-sclae field test of **rice field** mosqu- 079957
Culex tarsalis in Fresno County **rice fields.** 079958
aspects of a large-scale field test of **rice field** 079982
Control of **field sandbur** (Cenchrus pauchflo- 079585
relationships: a long-term, large-scale **field** r- 078644
Practical aspects of a large-**scale field** test of 079982
Theoretical aspects of a large-**sclae field** test 079957
Development of cooperation in **field** of **seed** 073470
Notes on predaceous habits of gray **field slug,** 079809
recommendations on farmers' **fields soil** ferti- 081352
Water loss from an irrigated **sorghum field:** 077668
Water loss from an irrigated **sorghum field:** 081012
Water loss from an irrigated **sorghum field:** 081013
Field sprayers with uniform drop size. 080898
are plot trials for **fields** in **spraying** experim- 079041
Field stability of Heliothis nucleopolyhedros- 079708
Lindcove **Field Station** avocado variety trials 078650
Effect of **field storage** & handling on seed & 074240
physical properties in a sorted **stripe field.** 081053
water on soil salinization: a **field study** with 081101
Field study on nitrogen fertilization of soyb- 081373
common weeds of south Indian **tea fields.** 8. 079537
common weeds of south Indian **tea fields.** 9 079538
to location of growth & **field temperatures.** 078993
Procedural assumptions of **field test** method 076564
Theoretical aspects of a large-sclae **field test** 079957
Practical aspects of a large-scale **field test** of 079982
How to control insects on **field tobacco.** 079731
Trends of development in **field tomato** prod- 078706
Field traveling distances of harvesters & tra- 080844
soils with use of an aerodynamic **field unit.** 081580
Field vegetable cultivation from view of ma- 073179
composition of tractor pool for **field work.** 072958

FILAMENTS

of, & for replica-plating, **filamentous blue-gr-** 077341
Paratylenchus hamatus, **Filenchus filiformis]** 081035

FILARIA

hosts of **Filaria** & their **ecological** relationsh- 080170

FILMS

Results of trial of a new **composite film** for 073953
Low cost plastic-**film covered** growth tunnels 080796
chlorophyll assays & optical **film densities.** 077674
of vegetation damage with ultra **red films** in 076178

FILTERS

virus & effectiveness of **filters** in **preventing** 075806

FILTRATION

Hd-1200 E by gel-**filtration chromatography** 077567
purification by **ultrafiltration** with **dynamic** 076536

FINANCE

Substitution of labour force by **active funds** 073411
of production indices. **[Agricultural finance]** 073014
level of return. **[Agricultural finance].** 073016
of primary capital. **[Agricultural finance].** 073019
results of competition. **[Agricultural finance]** 073025
fund utilization. **[Agricultural finance].** 073027
service for farmers. **[Agricultural finance,** la- 073053
state farms in Estonia. **[Agricultural finance** 073102
of capital investments. **[Agricultural finance** 073114
management conditions. **[Agricultural finance]** 073123
Fiscal arrangements in area of cooperation 072844
farms with assistance of **bank financing.** [Ta- 073069

on cattle farms & their **fiscal effects.** 073518
evaluation economic & **financial feasibility** of 081744
Standards for **mechanization funds** for potato 073112
Financing private water resource developme- 081720
of allotment of **production funds** to another 072804
of capital investments & **production funds** in 073086
Capital investments & **financing sources** on 073122
New **financial system** of Polish state farms. 073054
in obtaining material & **technical funds.** 073118
stations in Phillippines for three **fiscal years** 073350

FINENESS
on classing of fleeces for **fineness.** 074054
sheep by length & **fineness** of **wool.** 075403

FINES
Performance of **fine fescues.** [Festuca]. 078332
Fertilizers for **fine-fiber** cotton in Karshi St- 081295
Regulating air-water system in a **fine-grained** 078805
in understorey vegetation & **fine root** quanti- 076847
population for production of **semi-fine** wool 075376
Intranuclear occurrence & **fine structural** de- 080218
Fine structure of hepatic sinusoidal wall. [L- 074680
Fine structure of developing merosporangia 076899
Fine structure of Psiocybe quebecensis. 076955
Fine structure of chloroplast membranes of 076975
Fine structure of intercalary meristem cells 077005
Fine structure analyses of stem nematode-in- 079308
Periplaneta americana L. 2. **Fine structure.** 080303
Fine structure of lightand dark-adapted eyes 080352
Fine structure of abdominal neural fat-body 080353

FINGER
Cayuga White, first of a **Finger Lakes** series 078765

FINISHES
Finishing cotton for today's market. 074239
soybeans in growing & **finishing diets** for la- 074902
per pen on performance of **growing-finishing** 074455
Wood siding: **installing, finishing,** maintaini- 076550
Finishes & overlays for plywood & blockboa- 076547
of carcass value of **finishing pigs.** 074049
bean meal in sole rations for **finishing pigs.** 075117
for keeping more weaners & **finishing pigs.** 080780
programs for growing & **finishing pigs.** 074905

FIRE
for control of imported **fire ants.** 079635
analogues on larvae of imported **fire ants.** [079636
Burrill) Winslow et al. (**fire blight** of pear) 079137
Skidders in forest **fire control.** 076173
Tank plant in Quebec. [Forest **fire control**] 076187
Forest **fire control** today & tomorrow. [Can- 076188
1972 Statistics for **forest fires.** [Canada]. 076251
So, one prescribes **fires now?** [Forests, burn- 076358
Effects of **fire** on **plants** & animals of a Flor- 076818

FIRS
of height provenance of spruce & **fir.** 076374
Dwarf mistletoe on **balsam fir.** [Arceuthobi- 079536
of Norway spruce & Douglas **fir cuttings.** [P- 078213
Kappa no. for kraft pulps. III. **Douglas-fir** 076513
Douglas-fir tussock moth. [Pseudotsuga me- 079914
Natural regeneration of **infested fir** stands. 076394
New England Spruce-**Fir Seed** Orchard Pro- 076414

FISCAL
SEE FINANCE

FISH
of mosquitofish (**Gambusia affinis**). 079645
depths & distribution of **Gambusia affinis** & 079958
field mosquito control. [**Gambusia affinis,** ch- 079982
some agricultural & industrial **fish breeding** 081835
Pseudomonas, Vibrio, **fish, contamination**]. 073681
Effect of high levels of **different fish** meals, 075002
Test for freshness in **fish** & **fishmeal.** [Mink, 074909
with different levels & times of **fish meal** fe- 075001
Determination of **fish meat** peptides in tech- 073911
effects of some amino acids upon **fish oil.** 073923
contained in various edible **fish products** of 073657
dimethyland trimethylamine in **fish protein** 073635
Comparative utilization of **fish protein** conc- 074533
dimethyland trimethylamine in **fish protein** 080095

FISHMEAL
Test for freshness in fish & **fishmeal.** [Mink, 074909
for fattening swine at tight **fishmeal supply.** 074882

FIXATION
enzymes that take part in **carbon fixation.** 077564
products of photosynthetic **carbon fixation** a- 079209
studies & **complement fixation** reaction. 075802
first phalanx (PI) in horse: **fixation** by **lag** s- 076162
ammonia on atmospheric **nitrogen fixation** in 077315
Nitrogen fixation by Anabaena cylindrica. I. 077335
Nitrogen fixation by higher fungi. 077370

FLACOURTIACEAE
of genus Calantica Tul. (**Flacourtiaceae**). 076602

FLAGELLATE
Stiffness of **flagella** of **impaled** bull sperm. 075210

FLAMES
clarifying reagent for **flame photometric** det- 073934
of guard cell potassium by **flame photometry** 076905
Water-**shield flame** cultivation for cotton & 079517

FLAMMABILITY
SEE INFLAMMABILITY

FLAVONOIDS
Gas chromatography of **flavonoids.** 073876
study of Ericales. III. **Flavonoids.** 076784
Flavonoids from **Amazonian** Leguminosae. 077514
A **flavonoid bioside** of Oxytropis ttrobilaceae 077386
Flavonoids & chemotaxonomy of three Sop- 076747
Flavonoid glycosides from illuminated cell s- 078116
mass, accumulation of **flavonoids** & **increased** 077639
Isoand **neo-flavonoids** from Dalbergia riparia 077516

FLAVONOLS
Flavonol glycosides in Brassica & Sinapis. 076746

FLAVOR
How to **avoid flavor** & body defects in vanil- 073959
Determination of **beer flavor** compounds by 073891
identification of **flavor components** of Burley 074224
Loganberry **flavor components** of commercial 074284
Catching **ethnic flavor.** [Food habits]. 073734
Aroma & **flavor** of **farm**-raised channel catfi- 073845
poultry byproduct meal on **flavor & fatty** ac- 075002
Effect of dry-chilling on **flavor** of **fried** chic- 074069
storage on peeling quality & **flavor** of **hard-** 074076
fish meal feeding & some **flavour-imparting** 075001
Fruit **juice-flavoured** milk, a healthy bevera- 073776
Natural fruit & other **flavours** in **yoghurt.** 073980

FLAX
dates in fiber yield & quality of **flax.** 078531
applied to successive generations of **flax.** [4- 079484
on monocotyledonous weed control in **flax** (079540
Statistical quality control of **flax board** phys- 076509
Effect of limestone on **flax crop** & its quality 081471
phases on yield & quality of **fiber-flax** seeds 077910
Flax growth in Cecil soil containing mordant 077673
characteristics of areas of **flax & hemp** grwi- 073074
hemp crop or irrigation with **flax industry** ef- 078463
Flax--oil & textile plant. [Breeding]. 077242
uptake, growth & development of **flax plant** 077886
mortality reduction on **flax-plantation.** 078462
agricultureal enterprises in **flax production.** 078286
of mineral fertilizers of **flax** in **relation** to 081296
addition of nutrients in retting of **flax straw** 074189
yarn & fabrics manufactured from **flax straw** 074192
Biochemical differentiation in **flax tissue** cul- 077710

FLEAS
FLV) elimination in feces of flies & **fleas.** [079943
with insecticides for tobacco **flea beetle** con- 079748
Flea beetles. [Chrysomelidae, horticultura c- 079818
Methoxychlor: a new way of **fighting fleas** 080014
mass species of Muridae with **fleas** in **forest** 080019
Fleas of **Montana.** [Siphonaptera]. 080595
in mating behaviour of rat **flea Nosopsyllus** 080407

FLEECE
"Fleece cloth" -a modern type of aid for hyg- 073811
on classing of **fleeces** for **fineness.** 074054
Relation between **fleece properties** & proces- 074052
Effect of milking on **fleece weight,** cotts, hai- 074638

FLESHFLIES
of wing disks of **fleshfly, Sarcophaga** peregr- 080319

FLEXURE
Neurologic examinations. **Flexion & crossed** 075561

FLIES
Roxb., to attacks of bean **fly, Agronomyza** 079765
Oviposition of **black flies** (Simuliidae) in no- 080380
insects to control filth **breeding flies** in Cali- 079959
in Tanzania are plagued by **flies & bugs.** [In- 079995
'Fly-catching': hallucinatory behaviour by c- 076076
Fly control & chronic toxicity from feeding 076140
habitat & synanthropic **fly emergence** & me- 079987
FLV) elimination in feces of **flies & fleas.** [079943
Rearing & biology of **horn fly** in laboratory: 079988
dieldrin in susceptible & resistant **house flies.** 079925
Flies in **man's** environs. [Diptera]. 079944
Salmonellosis, **manure flies,** & pastures. [Di- 075739
Visual orientation of **fly Musca** domestica t- 080371
On flight distance of **flies** of **Oestrus** ovis L 080020
Anthomyiidae: Diptera), sorghum **shoot fly.** 079734
Flies soon will be bugging you! [Dairy cattle 079996
of European Synusia of **synanthropic flies.** 079952
quantification of glycoglen in **tsetse fly** (Glo- 080226

FLIGHTS
Nocturnal **flight activity** of some African M- 080408
Studies on **flight behaviour** of alate aphids in 079171
I. Characteristics of **flight** of **brown** plantho- 080357
of nervous system **controlling flight** in Dros- 080312
On **flight distance** of flies of Oestrus ovis L 080020
Migratory flights of Dysdercus voelkeri Sc- 080228
Migratory flights of Dysdercus volkeri Sch- 080229
Fatty acid oxidation by **flight muscles** of dr- 080314
Variations of **sustained flight** tendency of lo- 080328

FLOCKS
Sheep--management of **upland flocks.** 074428

FLOODPLAINS
problems on development of **floodplain lands** 081567
meadows in **floodplains** of middle **Ob'** River 081568
spring water of Kura **River floodplain** (in Ki- 081596

FLOODS
rice with sprouts obtained without **flooding.** 078562
paddy growth under **flooded conditions.** [Ri- 081427
drainage, river training & **flood control**--197 081688
before & first year after **flooding dam** lake at 080500
area of Eastern Kosi **Flood Embankment**--its 081623
Effect of **flooding** on **farm** income.[Pastures, 073006
Black Hills (South Dakota) **flood** of **June** 1 081707
Flooding & soil temperature effects on wheat 077643

FLOORS
of coloured nests on frequency of **floor eggs** 074734
house: Installation systems for **electric floor** 080791
Insulating capacity of **floors** in **swine** sheds 080761

FLORA
route, Jammu & Kashmir State. [**Flora**]. 076688
Flora of **Amarkantak** (Madhya Pradesh). 076687
Observations on **flora** of **Blatensko.** 076640
New records & notes on **flora** of **Carolinas.** 076667
Apple trees from **flora** of **east** Asia in Apshe- 078622
sybthesis by Lolium **multiflorum endosperm** 077897
Use of catchemnt areas as **flora & fauna** res- 081871
from western Pyrenees new to **French flora** 076778
History, flora & edaphology of tin tailings a- 076874
Tilden-a new addition to **Indian flora.** 076647
composition of bastro-**intestinal flora** of artif- 074846
of fats syndrome & **intstinal flora.** 074720
Chromosome numbers for **Italian flora:** 129- 076690
A contribution to **flora** of **Kolhapur** District 076706
On study of **flora** of **Kuchurgan** Sands. 076763
Rare & new taxa of **Lithuanian flora.** 2. Int- 076611
ryegrass pasture. [**Lolium multiflorum**]. 074988
Beta-glucan sybthesis by **Lolium multiflorum** 077897
Species rare & new to **flora** of **lower** Amur. 076713
of ozone on superficial **microbial flora** of be- 073680
bearing plants of **flora** of **Nakhichevan,** AS- 076769
Flora of **Natal.** 076771
Bishop Gunnerus & **"Norwegian Flora".** 076577
On **flora** of **Onekotan** Island. 076711
Man & **flora** in **Papua** New Guinea. 076617
Flora of **parish** of Linsell. II. Survey of vas- 076795
Contributions to **flora** of **Sinai** i: new & con- 076663
Pall.) DC., a new species of **Slovak flora.** 076618
Spring flora of Mallorca Island. 076701
research of **synanthropic flora** of mediaeval 076641

FLORICULTURE
work methods & organization in **floriculture** 072921
Floriculture: Flowers for your garden. 078717
Sources of **floriculture information**--an anno- 078679

FLOUR
in chloroform-methanol extracts of **flour.** 074162
On determining amount of gluten in **flour.** 074206
of rye grain, sieved rye-**flour, break** flour & 074230
Status of **cottonseed flour** & its future. 074241
Enzymatgically **hydrolized flour** in milk feed 074855
in elevators, warehouses & **flour mills.** 079938
under utilization of **mixed flours.** 074128
pheromone release in **flour moth** Anagasta 080412
Contamination of cereals & **flour** with **pest** 073619
Rice flours. 074141
Breadmaking properties & **special flours:** Pe- 074215
Acceptance of soybean-enriched **wheat flour** 073754
functions of carbohydrate in **wheat flour.** 074111
yields to result from both rye & **wheat flours.** 074186

FLOW
Air flow requirements, bed turnover time for 074084
carpus. 1. Effects of dermal **blood flow** & cu- 074547
cow, & its use in measurement of **blood flow** 074787
pasture using annual equivalent **cash flows.** 072986
Changes in **flow** of **early** products of photos- 079209
patterns in regional **groundwater flow.** 081749
Behavior of **groundwater flow** subject to time 081750
Degrees of security of some **maximum flow** 081621
of milking operation upon end of **milk-flow** 074457

FLOWERING
bulb vernalization upon **advanced flowering** 078049
of vernalization on **advanced flowering** of na- 078050
Flowering & biennial bearing in Mangifera 077975
phaseic acid from **flowering Bryophyllum** da- 077549
Seasonal variation in **flowering** of **common** 077614
Effect of temperature on **flowering date** in a- 078182

organs of plants with **double flowering** & wi- 077607
Studies on physiology of **flowering & fruit** g- 077974
control of growth **& flowering** in **Mangifera** 077977
Inhibition of **flowering** in **Mangifera** indica 077979
of emergence **& flowering & morphogenetic** 077891
Flowering periods of tree & bush fruits. 078038
light interruption on **flowering** in **Pharbitis** 078011
diurnal rhythm of **plant flowering** in broadl- 078209
of fresh ashy dump by **flowering plants.** 077396
interactions in **flowering & proliferation** of l- 077485
of temperature during **flowering** on **seed** fo- 077343
After **flowering** of **tulips.** 078798
of agronomical studies on **winter flowering** of 078033

FLOWERS

Coloring matter of **flowers.** II. Flavonic het- 078163
Children **& flowers.** 078768
of growth dynamics **& flower bud** formation 078064
Construction & installation of **flower bulb** s- 080764
Chemical constituents of **flowers** of **Cassia** o- 077560
Floristic catalog of Parque Estadual de Vila 076650
study of a phyllody **(cotton floral** virescence 079162
Production of **cyclamen flowers**--is it profita- 078697
Prevention of **blossom dropping** with (2-chl- 079385
agents applied in button **& early flower** stag- 077924
relation to establishment of **flower embryos** 077610
Report of **"Floristic Excursion"** near Dront- 076582
Fruits, flowers, leaves at will. [Tissue culture 077589
Floriculture: **Flowers** for your **garden.** 078717
An easy method for **germinating flower** seeds 078043
Inheritance of hairiness of **floral glumes.** 077199
of frost during **blossoming** of **hardy** fruit tre- 078178
effects of leaves & fruits on **floral induction** 078151
First show of **flowers** from **Lazio.** 078737
Fruits, **flowers, leaves** at will. [Tissue culture 077589
Annotated bibliography of **floristic lists** of 076735
double flowering & with **normal flowers.** 077607
Flowers are not for us to **pick.** [Conservation 076580
in Leguminosae iI. On **flower pigments** of 077377
fungicide for protection of **flower plantings.** 079011
Organization of **ranunculaceous flower** with 076981
of leaflet number & **flower** & **seed** coat colo- 077157
easy method for germinating **flower seeds** p- 078043
Nightflowering silene, a "new" weed in Swe- 079506
applied in button & early **flower stages** on y- 077924
of insecticides for aphids & **flower thrips** co- 079840
enzymes during growth of **tobacco flower &** 077854
study of a phyllody (cotton **floral virescence** 079162
as a vector of **floral virescence** of cotton in 079163
study of a phyllody (cotton **floral virescence** 079695
as a vector of **floral virescence** of cotton in 079696
Parasitoid wasps as **flower visitors** in Canad- 080186
honey bee responses to **flower volatiles.** [Ap- 080670
tritici on stigmas of **flowers** of **winter** wheat 079071

FLUCTUATION

Study of **fluctuations** (yearly variations) of 076867
Annual fluctuations of population of Radop- 079354
Availability fluctuations of soil phosphorus f- 081427
conditions, **periodical fluctuations** in water-t- 078361
Fluctuation in **population** density of false m- 079722
Fluctuation in **population** density of false m- 079723
Fluctuations in **populations** of wheat bulb fly 079685
Recent fluctuations of sugar market. 073170
Seasonal fluctuation in respiration of aging 078205
Ground water-**table fluctuations** & measures 081630
Water-**table fluctuation** & its interpretation 081632
a field study with a **fluctuating water** table. 081101

FLUES

Flue-cured tobacco yellowed with an ethyle- 077926
Drive to increase **flue-cured** production. [To- 073347
analysis of oxidative browning in **flue-cured** 074225
root rot & black shank resistant **flue-cured** 077034
estimates of seed production in **flue-cured** t- 077239
Differences in chloride content of **flue-cured** 077812
of aluminium & manganese on **flue-cured** to- 077901
flower stages on yield & value of **flue-cured** 077924
at three rates on yield & price of **flue-cured** 077930
Mechanical harvesting of **flue-cured** tobacco. 078540
control & topping methods on **flue-cured** to- 078541
Brown spot damage **& flue-cured** tobacco qu- 079089
root rot & black shank resistant **flue-cured** 079254
penetrans & crop losses in **flue-cured** tobacco 079316
of deep fumigation on yield of **flue-cured** to- 079393
on weed control, yield & value of **flue-cured** 079573
mineral nitrogen fertilization of **flue-cured** t- 081508

FLUIDS

of premature discharge of **amniotic fluid** on 076105
epididymal spermatozoa **& fluids** from **boar** 075280
water restriction effects on **body fluid** spaces 074658
of L-tryptophan from **cerebrospinal fluid** in 074664
infusions into CSF [**cerebrospinal fluid**] of c- 075501
of a glycoprotein in **cyst fluid** of Cysticercus 075719
Sales of **fluid dairy** products in four Tennes- 073312
Basic acid **& fluid equilibrium** in cattle: A g- 075465
studies of production of **fluid fertilizer** conc- 081355
concentration in fetal plasma **& fetal fluids** 074785
Changes in composition of sheep **fetal fluids** 075269
in spermatozoa, tissues **& fluids** of **genital** t- 075330
Research estimates of **fluid milk** sales since 073322
Application of phosphatase test to **fluid milk** 073677
Fluid therapy of polyuric renal failure. [Dogs 076038
Fluid therapy: dog. 076082
Tissue fluid in rabbits infected with Trypan- 075794
isolated from bull seminal **vesicle fluid** on e- 075246
substance from bull seminal **vesicle fluid.** 075274

FLUKES

Attenuation of liver **fluke disease** by comvin- 075947
sheep fasciolasis. [Liver **fluke, Fasciola** hepa- 075585
Chromosome studies in liver **fluke, Fasciola** 075679
Zanil (ICI) against fasciolasis. [**Liver fluke**] 073563
Zanil (ICI) against fasciolasis. [**Liver fluke**] 075587
Liver flukes of ruminants in Algeria. 075965

FLUORESCENCE

Identification by **fluorescent antibody** meth- 075777
response to indirect **fluorescent antibody** test 075843
as detected by indirect **fluorescent antibody** 075897
alpha **fluorescence characteristics** of tris-tre- 078133
relative to **fluorescence** of **chlorophyll** in a 077832
quenching of **fluorescence** of **chlorophyll** a in 077997
Acetabularia. Study of **fluorescence emission** 077540
special reference to **fluorescence Giemsa** sta- 074627
on swinepox virus: **fluorescence & light** mic- 075836
Detection of **naturally fluorescent** pesticides 080099
in soil. II. **Fluorescent photometry** of forest- 081057
characteristics of **fluorescent pigment** in tiss- 074662
proof of production of a **fluorescent pigment** 078910
mounting medium for **preserving fluorescence** 076994
A comparison of **X-ray fluorescence** spectro- 077445
capacity in soils by **X-ray fluorescence.** 081045
blue & lacmoid for **fluorescence & regular** m- 076997
nucleosidase. VI. **Fluorescence studies** of en- 074545

FLUORIDES

Interaction of **dietary fluoride** & magnesium 074968
Accumulation of **fluorides** by **insects** near an 080240
Influence of **sodium fluoride** on behaviour of 080202
Fluoride tolerance of Japanese quail. 074735

FLUORINE

Effect of **fluorine compounds** on dry matter 077952

FLUOROMETRY

in foods by rapid **fluorometric method** & by 073574

FLUX

front during infiltration at **constant flux.** 081270
Heat flux measurement during processing of 073997
an irrigated sorghum field: i. **Water flux** wit- 081012

FOALS

SEE HORSES

FODDER

Peas as **fodder.** 075010
Breeding **fodder barley** with higher protein 077125
Fodder beet experiments 1972. 078567
Fodder carrot--its importance, performance, 078315
protein composition of **fodder cereals** by bre- 074911
Each year **fodder harvest** is also a crucial te- 080900
Use of tractors in **fodder harvesting.** 080922
fat on activity of vitamins in **mixed fodder.** 074858
Posibilities of **obtaining fodder** yeast from h- 074326
Hygienic quality of **pasture fodder.** 075008
Zinc content of **fodder** from **pastures** in Swi- 074348
of grasses cultivated for **fodder** in **pure** cultu- 078376
early yields a higher **quality fodder.** 074345
of maize (zea mays L.) **fodder** in **relation** to 079474
Fodder roots in rotation. 078461
of lucerne on yields of **fodder & seeds.** 078499

FOENICULUM

SEE UMBELLIFERAE

FOG

"Fog fever" (acute bovine pulmonary emphy- 076097

FOILS

to early potato cultured under **foil.** 079490
Herbicide application under **flat foil.** 079515
production in plastic **foil greenhouses.** 078692
lettuce production in plastic **foil greenhouses** 078693

FOLIAGE

bean plants as affected by **foliar application** 077986
Segregation of **foliage** from **chipped** tree tops 076551
Pest control for **commercial foliage** nurseries 079271
of temik aldicarb pesticide in **cotton foliage** 080086
symptoms of sugarcane. [**Foliar diagnosis**]. 081328
survey of losses from forage **foliar diseases** in 078967
Foliar feeding of potato plants with urea. 081329
Development of **foliage** of **grapes** depending 078015
wasp, Sirex noctilio F., on **foliage** of **Pinus** 078202
from tomato **foliage, soil,** & water. 078992
phenolic compounds of **strawberry foliage.** 079876
Foliage structure, a modifying agent of micr- 076825
Some trees & shrubs with **variegated foliage** 078799

FOLLICLES

vaginae in cows with **follicular cysts.** 076085
Characterization of **follicles** from **hens** of a 074716
Blood circulation in **ovarian follicle** of ovari- 074506
hormone] & FSH [**follicle stimulating** horm- 074620
of ovine FSH.[**follicle-stimulating** hormone] 074644
or porcine FSH. [**Follicle stimulating** horm- 075275
level on depth & curvature of **wool follicles** 074871

FOMES

of several strains of **Fomes annosus** & Armil- 077406
breeding Picea resistant to **Fomes annosus.** 078968
of several strains of **Fomes annosus** & Armil- 078969
Italy), as observed in 1965. [**Fomes annosus** 078989
affection of pine wood by **Fomes annosus** (Fr 079099

FOOD

on income elasticity of demand for **food.** 073150
Food Exhibition, 1972: New **foods** 1972. [073247
differentiation of staphylococci from **foods.** 073567
to control mycotoxins in **food.** 073586
Aspects of microbiological control of **foods.** 073587
must for effective microbial controls. [**Food**] 073612
evaluation of factory sanitation. [**Food**]. 073614
Sensory methods in quality grading of **food** 073615
Determination of heavy metals in **foods.** 073634
of results of sensoric score judging. [**Food**]. 073648
Food: Bad utilization of resources, proclaims 073781
Microbe as a source of **food.** 073809
vapour phase & its interactions with **foods.** 073844
Deep freezing of **food.** 073854
Survey of trace elements in **food.** VII. Selen- 073866
Trace elements in **food.** X. Molybdenum. 073867
Trace elements in **food.** IX. Boron. 073868
for determination of thiamine in **foods.** 073869
Chemical contaminants in **food.** 075520
Food: Bad utilization of resources, proclaims 081849
Food additives: recent developments in food 073853
Food additives. 073920
I. Nutrition study of **food** with **algae** content 073763
Is trade in irradiated **foods allowable?** 073671
quantity concepts in **assessing food.** 073739
Automating food stamp redemption. 073431
Vitamin B content of **baby foods:** effect of s- 073761
cation content in enriched dried **baby food.** 073917
some applications to **foods & beverages.** II. 073846
for use in protein fortified **food blends.** 074098
in vitro tissues of Polish-**bred edible** carrot 077096
of sterines & choline in **certain edible** fruits 078161
Food chemical studies on starch. 1. Effect of 074261
Conceptual design of a **food complex** using 080743
Effect on **food consumption** of imported cab- 079805
producers viewpoint. [**Contamination, food**] 073594
Directions '73. [**Food, cookery**]. 073730
seed ways to expand Mideast **food crops.** 073436
Food dating: shoppers' reactions & impact 073327
Pollen, a **dietetic food.** 073774
Improving performance of **food distribution** 073255
True effeciency in retail **food distribution:** a 073257
Michigan **food distribution** industry--now & 073279
Food distribution changing in Japan opening 073296
FDA [**Food & Drug** Administration] requir- 073564
Current efforts of **food & drug** administration 073586
FDA [**Food & Drug** Administration] requir- 075448
International **Food Exhibition,** 1972: New f- 073247
Food habits, **food faddism** & nutrition. 073799
Residues of pesticides in **edible fats.** II. Eli- 080075
Supplemental-income effects of **Federal food** 073512
of blood. [Slaughter-house waste, **Food, feed** 073841
Studies on **food & feeding** habits of soil Ori- 080375
Riboflavin content of some **fermented foods** 073849
mercury contained in various **edible fish** pro- 073657
barley for use in protein **fortified food** blends 074098
for product protection. [**Frozen Foods**]. 073667
of sterines & choline in certain **edible fruits** 078161
Foods of **future.** 073718
Rice: a **genuine food.** 073783
Catching ethnic flavor. [**Food habits**]. 073734
feeding: New Orleans style. [**Food habits**]. 073735
Food **habits, food** faddism & nutrition. 073799
a more acceptable lamb! [**Food habits**]. 074588
Growth of **health food** sales in super market 073211
increase use of U.S. **Foods** in **Hong** Kong. 073224
Veterinary **food hygiene** within framework of 073608
Geneva study days of **food hygiene:** Animal 073670
Potential of soybeans as **food** in **India.** 073244
determination of tasks of **food industrial** ent- 073831
workers for agricultural **& food industries.** 072642
intersectorial tables of **food industries.** [Cos- 073628
of light construction in **food industries.** 073833
for wholesale & retail. [**Food industry**]. 073195
technology & consultants. [**Food industry**]. 073248
service for new products. [**Food industry, U-** 073249
A publicity service. [**Food industry,** United 073250
strategy & cost analysis. [**Food industry**]. 073256
know-how & investment. [**Food industry**]. 073429
of enzyme preparation used in **food industry** 073595
type of aid for hygiene in **food industry.** 073811
Methods of random testing in **food industry.** 073852
recent developments in **food industry.** 073853
Modern ingredients for **food industry.** 073858
a modern stabilizer for **food industry.** 073859
of production processes. [**Food industry**]. 073886
Gelatin in **food industry.** 073908

Potato products in **food industry** in USA & 074297
we & this business of ecology.[**Food industry** 081815
Rice breakfast cereals & **infant foods.** 074147
diurnal variation & relation to **food intake** 074504
Effects of **food intake** & fasting on 24-hourly 074699
White Leghorn cockerels upon **food intake,** 074751
International Food Exhibition, 1972: New f- 073247
Is trade in **irradiated foods** allowable? 073671
Irradiated food. 073909
Nutrascape. [**Food labeling**]. 073613
on larvae deprived of **food** & on **larvae** fed a- 080177
Food legislation. 073511
Marketing food & agricultural products in 073212
a family business. [Retail **marketing, food**]. 073259
Michigan food distribution industry--now & 073279
seed ways to expand **Mideast food** crops. 073436
come first at St. Olaf. [**Minnesota, food** serv- 073779
Edible mushrooms in Iowa. [Identification] 078733
Pesticides residues in **foods**--their **need,** pre- 073660
allowances for **foods & nutrients.** 073753
Careers in **Food & Nutrition** Service dept. of 073785
Reviews relating to **food, nutrition** & health; 073801
of insect boring through **food packaging** mat- 073579
containing medicinal **pellet food** for larger p- 075684
Your no. 1 enemy. [**Food, pests**]. 079926
of self-regulation in system: **Food plant**--phy- 080461
Food safety & **food poisoning.** 073703
Are **food prices** high? 073280
of animal production & world **food problems** 073395
Nutrition in **food processing.** 073800
liquid nitrogen in **food processing,** solid was- 073822
to nutrition information on **food product** lab- 073304
How many can we feed? [**Food production**] 073418
to nutritional labels on **food products.** 073638
its accumulation in **food products.** 081019
Content of iodide in some **food produocts** of 073915
World **Food Program** marks decade of provi- 073435
income effects of Federal **food programs** for 073512
from potato bulbs in digesting **protein food** 073705
Program marks decade of **providing food** for 073435
Food quality assurance. 073591
Organize for **food quality.** 073659
potatoes, standard of crop, & **food quality.** 081421
of these metals on stability of **edible rape** oil 074237
Detection of turmeric in **foods** by **rapid** fluo- 073574
test data on computer cards. [**Food research** 073737
II. A validating technique. [**Food research**] 073738
True effeciency in **retail food** distribution: a 073257
Canned **rice foods.** 074148
Food safety & food poisoning. 073703
Growth of health **food sales** in super market 073211
Institute of **food Science** & Technology & its 073900
of Staphylococcus aureus in **selected foods.** 073640
Food service & department of health in New 073742
first at St. Olaf. [Minnesota, **food service**]. 073779
Soybean foods for Caribbean. 073720
Life history & **food-spoiling** enzymes of De- 079936
Automating **food stamp** redemption. 073431
How **food stamps** aid disaster victims. 073430
Food supply emergency planning. 073474
Prospects for improving world **food supply** 073798
Synthetic foods. 073832
Where coops can fit into **food system** trends 072909
Making libraries work for **food technologists** 073736
Effect of **food & temperature** on rate of deve- 079717
Food for **thinking.** [Malnutrition]. 073771
Total mercury contained in **various edible** fi- 073657
Veterinary food hygiene within framework of 073608
of blood. [Slaughter-house **waste, Food,** feed 073841
Food wastes as supplemental sources of feeds 074373
of animal production & **world food** problems 073395
World Food Program marks decade of provi- 073435
Prospects for improving **world food** supply 073798

FOODPLANTS

Data to knowledge of **natural foodplants** of 079667

FOODSTUFFS

an economic catastrophe for **foodstuffs.** 073491
of mineral elements in some **foodstuffs.** I. D- 073914
an economic catastrophe for **foodstuffs.** 080117
calcium in **foodstuffs** from **Tomsk** Region. 073701

FOOT

from air, or finding insects from 10,000 **feet** 079622
Activity of **foot-and**-mouth disease virus R- 075638
Clinical **foot-and**-mouth disease in African b- 075787
of structural polypeptides of **foot-and**-mouth 075957
on treatment of some defects of **foot form,** q- 076016
machines stay with both **feet** on **ground.** 080905
Foot lameness in cattle. 076157
Feet & leg problems--a product of confinem- 076124
function relationships in **foot-& mouth** disea- 075596
Serology of **foot-rot:** antibodies against Fusi- 075641
Foot rot research at Oregon State Universi- 075791

FORAGE

by grafting peas onto beans for **forage.** 077178
Use of some cruciferous crops as **forage** (rev- 078524
Nebraska winter wheat makes good **forage.** 078476
overnight losses in harvested **alfalfa forage.** 077651
of fertilizing on quality of **forage** for **animal** 081284
Annual forage crops & their use in sequence 078450
utilization by breeding of **forage barley.** 077052
methods of breeding lupine as a **forage crop** 077173
Natural basis for **forage cropping** production 078350
Spring seeding in field **forage cropping.** 078539
Annual **forage crops** & their use in sequence 078450
Cabinet type drying oven for **forage crops.** 080727
fertilization of perennial **forage crops**--yeild 081346
Development of **forage cutting** equipment. 080864
for dispatcher control of **forage distribution** 080721
Some economic aspects of **dried forage** as an 073070
On supply of **dried forage** in ruminant feedi- 075120
Energy & protein utilization in **forages fed** 074963
Forage fed slaughter beef: a victim of afflue- 074996
Spring seeding in **field forage** cropping. 078539
year survey of losses from **forage foliar** dise- 078967
Forage & grain programs for dairy farms wi- 072908
in canopies of six temperate **forage grasses.** 077763
New **forage grasses** for northern Kazakhstan 078569
Machinery]. I. **Forage harvesting** equipment 080947
Problems of **forage industry** during sixth five 078515
grazing of dairy cattle. III. **Forage intake** & 074989
sylvestris. [Plant **introduction, forage** plants 077827
possibilities to improve **irrigated forage** plant 078581
Nematodes & **forage legumes.** 079277
of trace elements in **native forages** of weste- 077729
Natural forage resources of USSR & prospe- 078486
treated municipal wastewater on **oat forage** 077771
Forage & oleaginous cereal cultivars obtain- 078371
Spring fertilization of **perennial forage** plan- 078556
Effect of **perennial forage** plants on occurre- 079749
Nitrogen fertilization of **perennial forage** cr- 081346
Better utilization of **forage plant** lands of K- 072976
of photosynthesis in **forage plant** population 077793
to improve irrigated **forage plant** culture in 078581
of drying during wilting of **forage plants.** 074328
vetch compared with other **forage plants.** 075035
Dry matter production of **forage plants.** VI. 077793
Dry matter production of **forage plants.** VII 077794
sylvestris. [Plant introduction, **forage plants** 077827
Seeds for **forage plants** in Schleswig-Holste- 078277
solved in plant production. [**Forage plants**]. 078283
solved in plant production [**Forage plants**]. 078285
wheat, maize & sorghum. [**Forage plants**]. 078495
Narrow-leaf lupine for feed. [**Forage plants,** 078513
Polusakharnaia beets for feed. [**Forage plan-s,** 078514
fertilization of perennial **forage plants** grown 078556
of various pasture lands. [**forage plants,** pro- 078566
Forage plants--varietal trials 1971-1972. 078568
Forage plants for green feed in dry trans-Vo- 078584
Effect of perennial **forage plants** on occurre- 079749
S. Pietro in Gu; Machines for **forage plants** 080973
Forage production of Harmon oats, four per- 078329
Extending season of **forage production** on b- 078535
Relationship of **range forage** & cattle manag- 076043
Natural **forage resources** of USSR & prospe- 078486
of some species of new **forage-silage** plants 077953
rate in canopies of six **temperate forage** gra- 077763
Michaelesen population in **forages wards.** 081124
management variables on **wheat forage** & gr- 081480
of phosphate application for **wheat forage** & 081482
Forage yields increased three years following 079274

FORECAST

research--progress, problems & **prospects.** 072663
of landed structures: Balance & **prospects.** 072762
Sino-American trade: retrospect & **prospect.** 073339
bearing in manto--retrospect & **prospect.** 077973
Long-term **agricultural forecasting.** 073420
Forecast of **agricultural** development & fore- 073446
Present state & **prospects** in **breeding** spring 077243
Forecasting cattle market situation. 073148
Prospects of **cattle** husbandry & beef in pre- 073515
of plant protection & **prospects** of **chemical** 079377
cropping systems--results & **prospects--crop** 078388
State & **prospects** of **development** of cereals 077149
Forecasting of **development** of mechanization 080890
integration & **developmental prospects** of ag- 073462
of grain soybeans & its **prospects** in **Dolj** Di- 077892
Prospect of **encouraging** osteogenesis. [Sheep 074805
Future prospects for dairy industry in USA 073417
natural sweeteners: **Future prospects.** 073847
utilizations of algae, **future prospects.** 076588
Future prospects for liquid manure. 081423
steer prices & its **forecasting implications.** 073337
Prospects for **improving** world food supply 073798
of USSR & **prospects** of their **increase.** 078486
Prospects for **increased** woods labor organiz- 076286
L. in Far East & **prospects** for **introduction** 079553
Characteristics & **prospects** of **market** for c- 073246
prospects of their use for **noxious** species. [079664
Forecasting optimum dosage of mincronutri- 081514
Prospects of **pesticides** in Indian agriculture 080121
Forecasting pig market situation: Evaluation 073151
Breeding red clover & **prospects** of **red** clov- 077116
Prospects for **rural** community function & o- 072681
Prospects for **specialized** sector. [Collective 072815
Prospects in **technology** of sugar-beet harve- 080815
Minimum **temperature forecasting** in central 072678
hybrids of plums & **prospects** for **thier** use in 077245
Trade prospects for wholesale & retail. [Fo- 073195
reduction coefficients for **forecasting yields** 078459

FOREST

with ultra red films in Steiermar,. [**Forests**] 076178
storm disaster in Netherlands. [**Forests**]. 076202
Storm damage. [**Forests**]. 076203
Situation of tourism in **forests.** 076242
benefits from tourism & use of **forests.** 076318
New method putting traverses in **forests.** 076322
farm-land & different types of **forests.** 079321
L. (Lepidoptera, Lymantriidae) in **forests.** 079906
Development of rendering **forests accessible** 076420
skidding of beech in **Adidovce forest** district 076492
composition of brown **alpine-forest** soils of 081023
Annual forest products market review; 1971 076447
utilization of mobile sawmills in **forest area** 076464
industry of Frisian meadow & **forest areas** d- 072721
on small mammals of **forest areas** & a propo- 079243
degree of danger to **forest associations** by ce- 076224
base of regional **forest associations** of south- 076845
of nematodes in soil of **Bab forest.** 081056
young maritime pine in **forest** of **Bauconne** 079912
with some coniferous **Bavarian forests.** 080447
of plant mass & energy of **Betula forests** of 078199
of plant flowering in **broadleaved forests.** 078209
on yields of winter wheat on **brown forest** s- 078497
Soil moisture under **forest, Bukit** Timah Na- 081071
one prescribes fires now? [**Forests, burning**] 076358
of some farmed & **forested catchments** in so- 081747
stratified grassland soil & a **colluvial forest** 076697
secure improvement of **forest condition** & w- 076312
Arizona snowpacks in **forested condition** wi- 081692
of characteristics of **forest conditions** & wood 076311
concentrations that damage **conifer forests** in 076229
thermal fogging in a mixed **conifer forest** at 079971
Regeneration of **coniferous forests.** 076387
How much does a **forest cost?** how to do ac- 076335
Purdue **forest data** processing service progr- 076263
Trox cadaverinus Ill.) in **forest** of **Debrecen** 080616
on production relations of **deciduous forests** 078216
Damage to **forest** by **detergent** dust (W-dust 076223
Notes on **forest diseases** & rot fungi in Icel- 079087
skidding of beech in Adidovce **forest district** 076492
Deficiencies of **forest economy.** [Austria]. 076240
Studies on **forest ecosystem.** Series E: Fores- 076845
A life for **forest engineering,** professor Dr. 076179
of logging activities in **forest enterprise** Bru- 076493
plans for management of **forest enterprises.** 076278
economic accounting of **forest enterprises.** 076494
Scientists contributing to **forest entomology** 079880
Foundation of Union of **Forest Experiemnt** 076189
increase in net profits. 1. **farm forest** in 197 076291
More labor & capital for **forest fertilization** 076298
practices of spreading **forest fertilizers.** 081357
Skidders in **forest fire** control. 076173
Tank plant in Quebec. [**Forest fire** control] 076187
Forest fire control today & tomorrow. [Can- 076188
1972 Statistics for **forest fires.** [Canada]. 076251
Use & care of **forests & forest** improvement 076380
Society & **forest of future.** 076200
studies with Pinus at **Gahrenberg Forest** Off- 076361
at Union Camp. [**Georgia, forest** trees]. 081525
Biological spectrum of **forests** of **Gorakhpur** 078237
phosphates in bog-podzolic & **gray forest** soi- 081153
particle size fractions of **gray forest** soils. 081190
phosphorus by Chernozems & **gray forest** so- 081192
Management of **forested grazing** lands in no- 076292
Rational use & management of **forests--great** 076317
Reclamation of **grey forest** soils on slopes by 081590
of Betula forests of birch-**grove forest**-steppe 078199
Classification of **forest growth** areas & silvi- 076826
in herb layer of an oak-**hornbeam forest.** 076183
road network in mountain **forest, illustrated** 076323
Use & care of forests & **forest improvement** 076380
electronic data pr ocessing in **forest industry** 076302
of technical development of **forest industry** 076306
Constitutional reformation of **forest industry** 076339
Future for **forest-industry** products in United 076452
Forest industry of Spain. II. 076487
Major **forests insect** pests in Quebec in 197 079886
of angle count tests for **forest inventory.** 076260
changes which affected Georgia's **forest land** 076331
Profile of Mississippi **forest landowners.** 076288
Sale of state **forest lands** in Gavleborg distr- 076261
soil cover on decomposition of **forest litter** in 081261
Major forests insect pests in Quebec in 197 079886
Changes in **forest management** that can be 076238
Forest management in Switzerland. 076273
Tree breeding as a **forest management** suppl- 076336
Sor-Trondelag. [**Forest measurement**]. 076325
balance quantity. [**Forest measurement**]. 076326
of beech-wood from **forest** to **mill.** 076455
Profile of **Mississippi forest** landowners. 076288
sampling methods in **forest mmanagement.** 076246
of optimum road network in **mountain forest** 076323
association of **Niepolomice Forest.** [Plant e- 076812
in plants found in **northern forest** zone of B- 077375
for irrigated pastures in **northern forest-ste-** 078583
Mechanization of **forest nursery** cleaning as 076248
similar to industry in **forest nursery.** 076300
Erhr.) in southern Wisconsin **oak forests.** 078200
of damage caused by **forest offenses.** 076268
with Pinus at Gahrenberg **Forest Office** (No- 076361

collected on fruits in **forests & orchards, &** 076610
Coleoptera, Lymexylonidae). [**Forests, pests** 079898
On destruction of **pine forests** on one side of 076175
control of weeds in **forest plantations** by Da- 079508
Water economy of young **forest plants** ater 078208
development & **forests** of **Poland.** 073446
Leaf roller-moth: Elements of **forest policy** 076250
Forest pollution from automotive exhaust. 076204
Bees of mesophilic meadows & **prairie fores-s** 080608
Relics of Coleoptera fauna in **primeval forest** 080605
between state forests & **private forests.** 076253
Aspects of **forest production** of west of Can- 076195
Annual **forest products** market review; 1971 076447
Forest protection & ban on applying DDT. 076181
tasks of research in **forest protection.** 076269
Causes of failure of **forest protection** in cont- 079009
Purdue forest data processing service progr- 076263
worst enemy of our **Quebec forests.** [Choris- 079895
of forest litter in **Quercus forest.** 081261
elements in a **forest** near **Radziejowa** in Be- 076207
manganese dynamics in a tropical **rain forest.** 078214
of Southeast Asian tropical **rain forest.** 081162
in soybeans on a brown-**reddish forest** soil. 078466
of state of health of **forests** in **region** of Cra- 076213
as a delimitation base of **regional forest** ass- 076845
Development of **rendering forests** accessible 076420
concerning development of **forest resources** 076249
Organization of **forest road** construction. 076423
Drilling equipment in **forest road** building. 076424
Forest road building in flysch zone. 076426
forests accessible in Austria. [**Forest roads**] 076420
in mechanized rock removal. [**Forest roads**] 076425
trees in relation to demand on **forest roads** 076458
stands of pine according to **forest sanitary** p- 076314
of fungi communities in **forest & sawmill** ha- 079102
Effectiveness of **forest shelterbelts** in Altai 076209
control importance of **forest shelterbelts.** 076232
inventory at Institute for **Forest Site** Resea- 076241
grassland soil & a colluvial **forest soil** from 076697
in soybeans on a brown-reddish **forest soil.** 078466
yields of winter wheat on brown **forest soil.** 078497
composition of brown alpine-**forest soils** of 081023
in bog-podzolic & gray **forest soils.** 081153
Forest soils with surface horizons where re- 081166
particle size fractions of gray **forest soils.** 081190
on wheat & maize grown on **forest soils.** 081466
Reclamation of grey **forest soils** on slopes by 081590
by Chernozems & gray **forest soils,** dependi- 081192
mechanical practices of **spreading forest** fert- 081357
Vegetation & ecology of a **forest spring** com- 076877
of their precision & effiency for **forest stand** 076295
Agronomic role of **forest stands** on irrigated 076216
Population dynamics of **forest stands:** an al- 076264
system of nature reserves with **forest stands** 076182
of competition between **state forests** & priva- 076253
Sale of **state forest** lands in Gavleborg distr- 076261
Management of Czechoslovak **state forests** in 076281
Conference & seventh Central **States Forest** 076409
Forest statistics for Alabama counties. 076334
spring barley in western **forest-steppe** region 078193
of Betula forests of birch-grove **forest-steppe** 078199
irrigated pastures in northern **forest-steppe** 078583
Chernozem soil of Ukrainian **forest-steppe** 081294
future book supervision of **forest stock** in co- 076313
Forests of **Sucha** & Slemien in middle of X- 076214
Bias from photo intensity. [**Forest surveys**] 076293
Series; topographic details. [**Forest surveys**] 076324
aerial photography. [**Forest surveys**]. 076329
Forests of **taiga** zone of eastern Siberia. 076198
Development of Maine's new **forest taxation** 076285
Forest taxation. 076290
on further development of long-**term forest** 076257
test results of TDT-55 type **forest tractors.** 076247
seventh Central States **Forest Tree** Improv- 076409
Damage to **forest trees** by lowering of water 076231
Thinnings: reconsidered. [**Forest trees**]. 076368
rainfall on increment of **forest trees** in seas- 078235
release of volatile chemicals by **forest trees** 078245
at Union Camp. [Georgia, **forest trees**]. 081525
Favorable test results of TDT-55 **type forest** 076247
Land use & **forest type** classification propos- 076265
structure according to **forest types** in Germ- 076182
leached Chernozem soil of **Ukrainian forest-** 081294
ecosystem. Series E: **Forests** of **upper** Belgi- 076845
Maintenance of **urban forest.** 076347
of condi tions of **forests** & of **utilization** of 076301
methods & number of **forest visitors.** [Recre- 076252
Testing of **forest wardens** in Aargau canton. 076197
potatoes & spring barley in **western forest-s-** 078193
to knowledge of plant galls of **forest Wolski** 079222
community structure in **forest woodlots.** II. 079320
Forest as a **work** site is changing its appear- 076299
Dwellings & stability of **forest workers** in b- 076274
Assignments & problems of **forest yield** scie- 076256
development of long-term **forest yield** resear- 076257
Water economy of **young forest** plants ater 078208
in plants found in northern **forest zone** of B- 077375
species of Muridae with fleas in **forest zone** 080019

FORESTERS

Franz Hafner seventy years old. [**Foresters**] 076179
Dr. Franz Hafner 70 years old. [**Foresters**] 076184
Walter Bitterlich 65 years old. [**Foresters**]. 076185
Ernst Rohmeder. [**Foresters**]. 076190
birthday of Hans Adolf Wilckens. [**Foresters**] 076191
preferences of **professional foresters.** 076297

FORESTRY

Press & radio in agriculture & **forestry.** 072622
Remote sensing for agriculture & **forestry.** 072627
of 1972/73 Austrian agriculture & **forestry:** 073387
Joint destiny of agriculture & **forestry.** 073437
Press & radio in agriculture & **forestry.** 076174
course for machine drivers in **forestry:** Aims, 076194
of 1972/73 Austrian agriculture & **forestry:** 076236
Remote sensing for agriculture & **forestry.** 076239
Calculation of rental costs. [**Forestry**]. 076254
methods in management of **forestry.** 076270
in use of computer technique. [**Forestry**]. 076275
new technique of data collection in **forestry** 076279
of direct & overhead costs in **forestry.** 076294
Effects of economic regulations of **forestry** in 076303
about methods of prognosis in **forestry.** 076308
Hauling equipment in **forestry.** 076497
new trade regulation. [**Agriculture, forestry**] 073145
Prognosis of **forestry amelioration** progresss 076280
German agricultural & **forestry attache** aro- 072632
Results of agricultural & **forestry census** for 073352
on co-operation in **forestry** of **countries** of C- 076306
for growth studies in **forestry cultures** after 076245
Forestry education in Austria 1918-1972. 076177
Women in **forestry & environmental** studies 076234
forestry which are not **expressed** in product- 072748
wires: Information for **forestry** on **German** 076193
structural within **Hungarian forestry.** 076309
Mechanization of **Forestry** with **member** co- 076305
information center for **Norwegian forestry.** 076210
contribution of **forestry** in **preservations** & 076317
methods in Finnish **private forestry** during 076549
methods applied to **forestry problems.** 076327
might affect your **forestry program.** 076419
of forest yield science in **forestry research.** 076256
Cooperation between **forestry & sawmill** ind- 076237
possible effects on **forestry** in **Scotland.** 076208
Air-pollution **situation, forestry,** & effect of 076225
of fatal injuries in **forestry** of **Slovakia.** 076272
of timber haulage in **forestry** in **Slovakia.** 076491
of computers in **forestry** of **socialist** countries 076276
similar to industry in **socialist forestry.** [East 076304
Norwegian **Forestry Society** as an informati- 076210
if Agriculture & **Forestry** of **Taiwan.** 072707
Natural prerequisites of **forestry & timber** i- 076316
Technics at College of **Forestry & Wood** Te- 076271

FORMALDEHYDE

agents. IV. Release of **formaldehyde.** 074222
enzymes bound to a **phenol-formaldehyde** re- 073942
properties of urea **formaldehyde resins.** 076451

FORMALIN

Influence of **formalin** & of **additives** contain- 074369

FORMICA

foramtion of ovaries in workers of **Formica** 080287
formation of ovary in workers of **Formica** (080288
Biometrical studies on **Formica** (Serviformi- 080291
of ant columns within nest of **Formica rufa** 080462
ovarioles of workers of **Formica rufibarbis** F- 080289
ovarioles in workers of **Formica rufibarbis** F- 080290

FORMICIDAE

Fabricius (Hymenoptera: **Formicidae**). 080288
rufibarbis Fabr. (Hymenoptera; **Formicidae**) 080290
ant genus Eciton (Hymenoptera: **Formicidae** 080396
Acanthomyops (Hymenoptera: **Formicidae**) 080561
driver ants (Hymenoptera: **Formicidae**). 080395
pygmaea Latr. (**Humenoptera, Formicidae**). 080286
Fabricius (**Humenoptera, Formicidae**). 080291
in ant societies (**Hymenoptera, Formicidae**) 080180
pygmaea Latr. (**Hymenoptera Formicidae**). 080285
Fabricius (**Hymenoptera, Formicidae**). 080287
rufibarbis Fabr. (**Hymenoptera, Formicidae**) 080289
bicolor (**Formicidae, Hymenoptera**). 080352
caespitum L. (**Formicidae-Hymenoptera**) fr- 080432
of Formica rufa (**Hymenoptera, Formicidae**) 080462
graminicola Latr. (**Hymenoptera, Formicidae**) 080550

FORMICOIDEA

subterranea Latr. (**Formicoidea-Myrmicidae**) 080441

FORMULA

by Bodman's **formula,** on **Romanian** Territo- 072659
empirical minimum **temperature formula.** 072677

FOSSILS

Fossil soils (paleosols) of Central Europe. 081041
of Botanical Nomenclature] & **fossil spores;** 076804
Subfossil tarpan remains in Ukraine. 074692

FOULBROOD

Identifying pathogen of **American foulbrood** 080689

FOWL

LXIV. Sympathetic nervous system of **fowl.** 074672
removal on lipid over plumage of **roosters.** 074739
dark cycles on egg production in **fowl.** 074741
Ultrastructure of abdominal air sac of **fowl.** 074781
of Destonate 20 antibiotic in **fowl affected** 075951
amino-transferase separated from **fowl blood** 074673
of Salmonella gallinarum. [**Chickens, fowl** t- 075784
in male reproductive of **domestic fowl** (Gall- 074630
glucose & free fatty acids of **domestic fowl.** 074737
in embryogenesis of **domestic fowl** & factors 074740
proteins in pectoral muscles of **domestic fowl** 074770
activity in Harderian gland of **domestic fowl** 074786
A feather mutation in **domestic fowl.** 075315
potential of certain breeds of **domestic fowl** 075814
Domesticated fowl from archaeological mon- 074442
gallisepticum for embryonated **fowl eggs.** 075841
of various feed on egg yield of **guinea fowl.** 074877
calcium-binding protein in **laying fowl.** 074593
calcium-binding protein in **laying fowl.** 074594
which control susceptibility of **fowl** to **RSV** 074661
on fertilizing capacity of **fowl spermatozoa.** 075261

FOXES

Mating of & pregnancy in **Arctic fox.** 075223
Rabies control by **gassing foxes?** 075738

FOXTAILS

Fungal diseases of **foxtail** & **cocksfoot** can r- 079042
Control of **yellow foxtail** (Setaria lutescens) 079586

FRACTION

boars when semen is obtained in **fractions.** 075392
Proteins & **fractions** in **blood** serum in cases 075927
eggs in neutral **carbohydrate fraction** of root 079312
Mineralogic characteristics of **clay fraction** 081135
moisture on amount of **different fractions** of 077676
composition of highly-**dispersed fraction** of 081022
acids & esters content in **distiller fractions** 074309
of certain **granulametric fractions** in Smolni- 081189
content in **granulometric fractions** of a typi- 081179
of humic acids obtained from **humin fraction** 081090
biphenyls from **insaponifiable fraction** of an- 073950
Effect of ribonuclease **fractions isolated** from 075246
of some pesticides in **lipid fractions** of liver. 080146
injection of a **lipopolysaccharide fraction** of 074703
Study of protein **fractions, lipoproteins** & gl- 075609
of amino acids in different **malt fractions.** 073816
rancidity in isolated **mitochondrial fraction** 073652
esters content in distiller **fractions obtained** 074309
dinucleotide phosphate in **particle fraction** f- 078127
of a single chicken **pepsinogen fraction** & p- 074560
as related to inorganic **phosphate fractions** 081072
phospholipids & **phospholipid fraction** in se- 074704
fluctuations of soil **phosphorus fractions** dur- 081427
amount of total protein & **protein fractions** 074827
dialysis & properties of **protein fractions.** 075327
formation & blood serum **protein fractions** a- 075605
Study of **protein fractions,** lipoproteins & gl- 075609
On changes in **protein fractions** of blood sera 075888
formation & blood serum **protein fractions** a- 075993
On studies of substitution of **protein fraction** 077703
Degradation mechanism of **fraction I protein** 077733
Effect of **ribonuclease fractions** isolated from 075246
in different particle size **fractions** of gray fo- 081190
Effects of **smoke fractions** on mutagenesis in 077448
C] paraoxon with **fractions** & **subfractions** of 080091
tobacco leaf extracts & **fractions thereof.** 074169

FRACTIONATION

Fractionation of **differentiated** types of cells 076911
Isotope fractionation of 15N & 14N in micr- 081108
Fractionation of **residual** phosphorus compo- 081092
purification & **fractionation** of **soil** fulvic acid 081114
Bovine **sperm fractionation.** I. Selective deg- 075208

FRACTURES

A technique for repair of **fractures** of **distal** 076003
of serious of old **fractures** of **elbow** by total 076130
sicca secondary to **fracture** of **mandible.** 076091
Sagittal fractures of first phalanx (Pl) in ho- 076162
neurological approach to **fractures** of **spinal** 074804

FRAGRANCE

Focus on **fragrance.** 078659

FRAXINUS

SEE OLEACEAE

FREEZING

A new method of deep **freezing bull** semen: 075303
aerobiosis in technology of **freezing bull** se- 075439
gracilis as revealed by **freeze-cleaving** & deep 076975
Studies on deep-**freeze conservation** of boar 075442
Cryogenic & **conventional freezing** of chicken 074072
Deep freezing of food. 073854
Experiences with **deep freezing** of bread & 074117
with pastry products in **deep freezing.** 074118
Deep freezing of semem of rams of Askaniia 075387
stability, & rehydration of **freeze-dried** chic- 074080
I. Conventionally cured vs **freeze dried** duri- 074223
of Chlamydomonas eugametos: a **freeze-etch** 076915
deposits & other contents in **freeze-etched** c- 076906
Economical reflections on **mass freezing** of 074119

of premilling, soaking, & **freezing** on **milling** 074099
chickens after **packaging, freezing** & storing 074075
volatile carbonic acids for **freezing tolerance** 077475

FREQUENCY
of propagation period & **frequency** of **auxin** 078056
of coloured nests on **frequency** of **floor** eggs 074734
between populations by **frequencies** of **genes** 075237
Toxicity of an UHF [ultra **high frequency**] 079593
with humic & fulvic acids by **high frequency** 081175
cereale). 3. **Frequency** of 3x & 4x **hybrids** u- 077054
Increasing trend in **frequencies** of **lethal** & s- 080363
Frequency-moisture ratio in electrical para- 081265
of amniotic fluid on **frequency** of **postnatal** d- 076105
effect of mutagens of **frequency** & **spectrum** 077020
stripe mosaic virus & **frequency** of **triploids** 079168
mulching & **frequency** of **weeding** on yield & 078265

FRESHNESS
measurement in **assessing freshness** of chilled 073636
Test for **freshness** in **fish** & fishmeal. [Mink, 074909
Freshness & **quality** in portioned meat. 074015

FRESHWATERS
of free amino acids in **freshwater plankton** 077301

FRICTION
internal coefficient of **friction** of **grabular** bu- 080830

FRIED
SEE FRYING

FROGS
Tr. for plum variety of **Bilska rana**. [Biologi- 079864

FRONT
at soil surface & advance of **wetting front** d- 081270

FROST
On effect of **autumn frosts** on spring wheat 077637
Incidence of **frost** during **blossoming** of har- 078178
Azaleas that **defy frost.** 079263
Determining frost resistance of wheat breed- 077950
Modified **Fernow Frost** Gage. [Soil physics] 081230
Prevention of **frost** & **hail** injuries to fruit t- 079358
Sugarcane: Losses from **frost**, how to **reduce** 078251
Frost resistance of stands & plus-trees of eu- 076371
system, enzyme activity & **frost resistance** of 077955
in plants. II. Relation to **frost resistance.** 077416
plants relative to **frosts** with **varying** tempe- 077954

FROZEN
whether shucked oysters have **been frozen** & 073570
Acceptance of precooked **frozen chicken** reh- 074070
for product protection. [**Frozen Foods**]. 073667
Frozen meat technology. 074024
of superficial microflora of **frozen meat.** 074030
temperature on quality of **frozen meat.** 074036
Fertility of ram **spermatozoa frozen** in a tris 075196
Distribution of **frozen-thawed** spermatozoa 075262
an important producer of **frozen vegetables** 074299

FRUCTIFICATION
SEE FRUIT

FRUIT
for continuous supply of vegetables & **fruit.** 074269
observations in Zaragoza. [**Fruit**]. 076823
auxin & inhibitor content of shoots & **fruits.** 077976
Harvesting of **fruits:** uses & abuses. 078833
of a cold storage for 3600 tons of **fruit.** 080729
in relation to growth rhythm of **fruit**. 077970
a regulator of young **fruit abscission.** [Cotton 077863
caterpillar. [Malocosoma **americana, fruit**]. 079858
potassium, in Merton **apple fruits.** 078001
on permeability changes in **apple fruit** tissue 079329
normal development of **apricot fruit.** 078014
Some troubles of **avocado fruit.** 079258
II. Data collected from **fruit-bearing** orchar- 078644
Flowering periods of tree & **bush fruits.** 078038
of methods for severing **fruiting canes.** 078643
Canning fruits & vegetables. 074294
type of symptoms of tomato **fruit caused** by 078932
About fresh **citrus fruit** products. 074268
ethylene-induced senescence of **citrus fruit** p- 078124
limonoid metabolism in **citrus fruits:** a proce- 074282
different fertilization on **fruits composition** 078174
Some uses of **fruit constituents** as pharmace- 074267
peer, flesh inorganic nutrient **content, fruit** 078175
Fruits of **cooperation** between science & pro- 073542
Cash crops & **fruits costs** & returns from fa- 072982
Leaf vs. **fruit coverage** with atnitranspirants 078042
for commercial small **fruit crops.** 079530
of a programmed integral **fruit culture,** based 078638
ground preparation. [**Fruit culture**]. 081572
VI. Hormonal control of **fruit development** 077974
equilibrium relative humidity of **dried fruit:** 074290
of sterines & choline in certain **edible fruits** 078161
Nucleolar behaviour in lemon **fruit explants** 078028
Tree-raising on **fruit farm**-an essay on mang- 072907
Study of effects of leaves & **fruits** on **floral** 078151
Fruits, flowers, leaves at will. [Tissue culture 077589
Fresh fruit & vegetable prices, 1972. 073329
Coumarins in **fruits** of **garden** plants. 077988
Results & goals of **fruit-growing** economics. 073185
Climate & **fruit growing.** 078184
on physiology of flowering & **fruit growth** in 077974
of frost during blossoming of **hardy fruit** tre- 078178
Sprays for **home fruit** plantings. 079334
Netherlands: **Fruit** & **horticultural** commerc- 073167
Effect of mechanical **fruit injury** on behavio- 073616
discovered in South Africa. [**Fruit, insect** pe- 079829
Elements of a programmed **integral fruit** cul- 078638
Fruit juice-flavoured milk, a healthy bevera- 073776
of unfermented must,. [**Fruit juices**]. 074065
Control of authenticity of **fruit juices** by iso- 074254
Biochemical research on **fruits** & **leaves** of a- 077298
Chemical colouring of **lemon fruit.** 074264
Nucleolar behaviour in **lemon fruit** explants 078028
in microautoradiography of **lettuce fruits.** 078183
meeting of association of **Lucerne fruit** prod- 078821
Bromide resudues in pulp of **mango fruits** s- 073561
Storage of **mango fruits.** 074249
Diplodia stem-end rot of ripe **mango fruits.** 078890
Effect of **mechanical fruit** injury on behavio- 073616
Oriental **fruit moth** attractant synergists. [079807
Natural fruit & other flavours in yoghurt. 073980
Delnav) residues on & in **orange fruits** & le- 080050
Ovicide effect of acaracides on **fruit orchard** 079873
Oriental fruit moth attractant synergists. [079807
oxide in leaves, shoots & **fruits** of **peach** tre- 078739
induced senescence of citrus **fruit peel.** 078124
Investigation of **fruit physiology** at Pomolog- 078063
Mechanical planting of **fruit plantations** ope- 072853
grey forest soils on slopes by **planting fruit** 081590
Sprays for home **fruit plantings.** 079334
Clonal selection of **fruit plants.** 078823
of association of Lucerne **fruit producers** & 078821
Securing a high level of **fruit production** to 073441
Chemical control of **fruit production.** [Grow- 078051
scale vegetable & **fruit production.** 079291
on strawberry plant & **fruit production** on N- 081518
About fresh citrus **fruit products.** 074268
Cryptograms: how to **protect fruit** trees. [A- 079010
flesh inorganic nutrient content, **fruit** quali- 078175
system & cultivar on yield & **fruit quality** of 078069
irrigation on growth, yield & **fruit quality** of 078070
Studies on **fruit quality** in some varieties of 078610
shape on growth, yield & **fruit quality** of Go- 078740
growing) systems on yield & **fruit quality** of 078741
nutrient composition of tree, & **fruit quality** 078019
Insect pests of **fruit** in south-west of **Quebec** 079802
Embeline from **fruits** of **Rapanea** umbellata 077518
of malformation on growth, sex **ratio, fruit** s- 079220
Changes in **fruit** as a **result** of disease. Some 079246
Treatment at time of **fruit ripening.** [Parasi- 079332
industrial waste on **fructification** of **Scotch** p- 076222
characteristics of **fruits** & **seeds** harvested at 078262
dagnostic features of **fruits** of **selected** speci- 076967
diagnostic features of **fruits** of **selected** speci- 076968
malformation on growth, sex ratio, **fruit set** 079220
evaluation of methods for **severing fruiting** c- 078643
Fruit with a **shady** past: tales of tomato. 078664
of soil salinity upon **fruiting** & **shedding,** boll 077912
of gibberellic acid & 2, 4, 5-T on **fruit size** of 078073
soil management on initial yield & **fruit size** 081398
with atnitranspirants for **sizing fruit.** [Olives 078042
spray calendar for commercial **small fruit** g- 079336
recommendations for commercial **small fruit** 079530
mite pests of commercial **small fruits.** 079859
hydroxycarbofuran residues in **small fruits.** 080087
Fruiting on **sterile** agar & cultivation of str- 078870
peaches, plums, cherries & other **stone fruits** 078971
Conversion of old buildings for **fruit storage** 080730
Storage capacity for **stored fruit** in Netherl- 074258
disappearance of green color in **stored fruit** 074300
resudues in pulp of mango **fruits subjected** to 073561
apricot varieties in processing of **fruit syrup.** 074304
permeability changes in apple **fruit tissue.** 079329
spot, one type of symptoms of **tomato fruit** 078932
of potassium application & **fruiting** on **tree** 078019
Growing **tree fruits** & nuts in home orchard 078774
of frost & hail injuries to **fruit tree.** 079358
Fruit tree disease-insect control. 079362
herbicides for weed control in **fruit-tree** & c- 079460
of pneumatic devices for **fruit-tree** pruning. 080877
of determination of value of **fruit trees.** 072924
industrial complex Burgas. [**Fruit trees,** gra- 073050
Growth of calluses on **fruit trees** grown toge- 078090
frost during blossoming of hardy **fruit trees** 078178
Defoliation of rootstocks & young **fruit trees** 078749
Some cryptogamic diseases of **fruit trees.** 078912
Cryptograms: how to protect **fruit trees.** [A- 079010
Winter-autumn treatment of **fruit trees.** [Fu- 079086
Research on bacterial diseases of **fruit-trees.** 079122
Research on bacterial diseases of **fruit-trees.** 079123
forest soils on slopes by planting **fruit trees.** 081590
Import of vegetables, fruits & **tropical fruits** 073252
Species of **fruit** in **tropical** America: Solana- 076672
Species of **fruit** in **tropical** America: Anacar- 076673
growth regulators in **fruit** & **vegetable** produ- 073617
of raw material bases for **fruit** & **vegetable** 074310
growth regulators in **fruit** & **vegetable** produ- 080072
Sewage purification in **fruit** & **vegetable** ind- 081268
Import of **vegetables, fruits** & tropical fruits 073252
Preservation of **fruits** & **vegetables:** How it 073682
of 1971/72 storage season. [**Fruit, vegetables**] 074270
classification of **fruits** & **vegetables.** 074274
Effect of pruning on yield, **fruit weight** & ve- 078742
growth regulators). [**Fruit, wheat**]. 077595
Effect of pruning on **yield, fruit** weight & ve- 078742
Ethylene, a regulator of **young fruit** abscissi- 077863
Defoliation of rootstocks & **young fruit** trees 078749

FRUITFLIES
in control of oriental **fruitfly, Dacus** dorsalis 079821

FRYING
of dry-chilling on flavor of **fried chicken.** 074069
Problems in grading **frying fats.** 073596
media & of fat extracted from **French fried** 074316
of a "total artefacts" peak in **frying oils.** 073875

FUELS
products in 1971. [**Fuel, agricultural** machin- 080785

FULVIC
Fulvic acid metal complexes. [Soil chemistry 081091
fractionation of soil **fulvic acid** using synthet- 081114
of cobalt with humic & **fulvic acids** by high 081175

FUMAGILLIN
disease in untreated & **fumagillin treated** ap- 080659

FUMARIA
Fumarate reductase reaction of Haemonchus 075718

FUMES
in Trutnov (Riesengebirge) **fume damage** reg- 076225
resistant clones in Erzgebirge **fume-damage** 076226
Connection between **fume resistance** & cutic- 078241

FUMIGANTS
Use of dazomet as a poultry **litter fumigant** 075654

FUMIGATION
Methyl **bromide fumigation** of Pratylenchus 079313
Effect of **deep fumigation** on yield of flue-cu- 079393
Tubing **fumigation method** for selection of p- 076227
study of Picea abies **needles fumigated** with 076218
Preplant fumigation for citrus nematode con- 079319
Effects of **soil fumigation** on growth of apple 077996
Soil fumigation with methyl bromide: uptake 079239
Effects of **soil fumigation** on growth of apple 079240
Gladiolus **soil fumigation** trial--1972. 079266
bromide residues in food **stuffs fumigated** wi- 073633
Fumigation trials with a mixture of methyl 079934

FUNARIA
Mougeotia, **Funaria hygrometrica**]. 077282
rearrangements. [**Lemna, Funaria**]. 077290

FUNDS
SEE FINANCE

FUNGICIDES
micronutrients combined with **fungicides.** 079001
regard to Bordeaux mixture. [**Fungicides**]. 079012
seed treatment of small grains. [**Fungicides**] 079046
autumn treatment of fruit trees. [**Fungicides** 079086
by pre-harvest application of **fungicides.** 078889
piece treatments. [**Fungicides, bactericides**]. 078900
in field of **dithiocarbamate fungicides.** III. 080062
origin & fate of **ethylenethiourea fungicides.** 078991
analysing side-effects of **fungicides Folpet** & 079862
Ascochyta **imperfecta, antifungal** metabolism 077449
Evaluation of two **Maneb fungicides** for con- 078980
sheep, & chickens given **mercurial fungicide,** 073632
Ascochyta imperfecta, **antifungal metabolism**] 077449
experiments for testing **modern fungicides.** 079038
chickens given mercurial **fungicide, panogen** 073632
peroral application of **fungicide preparation** 075500
Plantvax, a new **fungicide** for **protection** of f- 079011
on efficacy of **selected fungicides** on Rhizoc- 079027
Application of **fungicidal sprays** in wheat. [079021
Antifungal substances produced by Cephalo- 077450
Systematic fungicides. 078982
evaluation of some **systemic fungicides** for c- 078905
Systemic fungicides. 078957
Systemic fungicides in plant disease control 079049
is systemic technique with **fungicide topsin** 079075
Evaluation of **fungicidal toxicity** of some co- 076563
Topsin M--a new **valuable fungicide.** [plants, 079043

FUNGUS
of microbiological control of foods. [**Fungi**]. 073587
on resistance of modified wood to **fungi.** 076567
Carcinogens produced by **fungi.** 077320
Extractives of **fungi.** V. Microbial transform- 077346
Role of sterol contents of some **fungi.** 077483
studies on nitrogen compounds of **fungi.** IV. 077606
Diseases of rice. [**Fungi**]. 079008
content of wood tissue decayed by **fungi.** [So- 081217
mutase isozyme patterns in three **fungi.** [Ne- 077363
of toxin, altenuisol, from **fungus, Alternaria** 077599
Notes on **aquatic fungi** of Maharashtra. I. O- 076705

long-chain fatty acids in **fungus Aspergillus** 077459
orchards, & new to **mycoflora** of **Azerbaijan** 076610
vegetative & spore forms of **bacteria, fungi,** 081602
of Ascomycetes & **Basidiomycetes fungi** coll- 076610
cochlioides. [Sugar **beets, fungus** diseases]. 079114
acid production by **fungus Blakeslea** trispora 077455
Isolation of seed-**borne fungi** from castor se- 079017
Parasitic **fungus Botrytis** fabae Sard. in con- 078920
composition of community of **fungi causing** b- 076560
Fungi causing dry rot of potatoes in Poland. 079059
composition of community of **fungi causing** b- 079100
by soft rot **fungus, Chaetomium** goobosum 079112
of timothy leaf spot **fungus, Cladosporium** p- 078999
Class Fungi Imperfecti as a source of new i- 077369
Basidiomycetes **fungi collected** on fruits in f- 076610
Effect of **fungi communities** in forest & saw- 079102
Improved procedures in **fungal cytology** util- 076995
Succession of **microfungi** on **decaying** Setaria 076810
Some remarks of **fungi** from **Dematiaceae** f- 079101
carbon sources. [Wood **destroying fungi**]. 077406
barkboards to wood **desyroying fungi.** 076558
from wild plants. [**Fungus diseases**]. 078946
northern Alberta. [**Fungus diseases**]. 078967
a systematic way to fight **fungus diseases.** [079004
rotation hygiene. [wheat, **fungus diseases,** c- 079037
Fungal diseases of foxtail & cocksfoot can r- 079042
valuable fungicide. [plants, **fungus diseases,** 079043
treatment of small grains. [**Fungus diseases,** 079045
diseases in Oklahoma. [**Fungus diseases**]. 079065
cochlioides. [Sugar beets, **fungus diseases**]. 079114
Observations on **fungus diseases** of caterpill- 080433
experiment? [Plants, **fungus diseases,** control 079041
Benomyl--a systematic way to **fight fungus** d- 079004
Parallel evolution in lichen-**forming fungi.** [076775
Fungi of **genus** Botrytis Micheli in Lithuania 077304
Pathogenicity of **fungus** of **genus** Fusarium L- 078897
Rust **fungus genus** Nyssopsora & its host re- 078964
as inhibitors of **fungal growth** & metabolism 077483
bearing of predatory **helminthophagous fungi** 079388
Higher fungi of Mauritius island. 2. Two new 076772
Nitrogen fixation by **higher fungi.** 077370
protection in control against **honey fungus** 079009
Class **Fungi Imperfecti** as a source of new i- 077369
A from a strain of **Fungi Imperfecti.** [Penici- 077449
Class **Fungi Imperfecti** as a source of new i- 080060
Fungi isolated from bovine mycotic abortion 075834
Fungus Langermannia gigantea in Wolin Na- 076644
Concentric bodies of **lichenized fungi.** 076900
Discula brunneo-tingens H. **Meyer fungus.** 079102
in food industry. II. Bacteria & **mold fungi.** 073595
On **mycoflora** of **Nakhichevan** ASSR. 076608
Parasitic fungus Botrytis fabae Sard. in con- 078920
Distribution of **peanut fungi** in southeastern 079024
of cell walls by **phytopathogenic fungi.** [Col- 078909
benzimidazoles on **fungus Pithomyces** chart- 078995
in spraying experiment? [**Plants, fungus** dis- 079041
M--a new valuable fungicide. [**plants, fungus** 079043
Citrullus colocynthis, **poisonous fungi**]. 079468
of oak wood to **fungi** & **possibility** of improv- 076566
Psilopezioid fungi. III. genus Psilopezia (P- 076612
Fungi recorded on Bursera delpechiana Poiss 078901
of rhythms in **fungal respiration** using a gas 077382
of wood by use of a white-**rot fungus.** [Peni- 076517
chrome preservatives for wood soft-**rot fungi** 076563
Notes on forest diseases & **rot fungi** in Icel- 079087
of carbohydrates by soft **rot fungus,** Chaeto- 079112
Rust fungi of madras state. III. Puccinia. 076718
Rust fungi of Madras State. IV. Puccinia. 076719
Rust fungus genus Nyssopsora & its host re- 078964
Rust fungi of madras state. III. Puccinia. 079028
Rust fungi of Madras State. IV. Puccinia. 079029
Saprophytic fungi on Vitis pallida Wt. & Arn 076707
mycorrhizal, parasitic & **saprophytic fungi.** 077373
Control of **seed mycoflora** of fennel (Foenic- 078986
on buried wheat plant tissues. [**Soil fungi**]. 079078
Diversity in **soil fungi** as influenced by DDT 080113
of bacteria, actinomycetes & **fungi** in **soil.** 080137
of soil fungi. II. Distribution of **soil fungi** in 081044
Diversity in **soil fungi** as influenced by DDT 081145
of bacteria, actinomycetes & **fungi** in **soil.** 081215
on buried wheat plant tissues. [**Soil fungi**]. 081219
Control of **fungal spoilage** in Alphonso man- 078889
of spread insect sperm & **fungal spore** chro- 076926
biochemistry of timothy leaf **spot fungus,** Cl- 078999
bainieri: Evidence for a **fungal system** similar 077330
Thermophilic fungi of tobacco. 079031
pratylenchus coffeae & Fusarium **wilt fungus** 079260

FURAZOLIDONE
identification of **furazolidone, tylosin,** & zoa- 074322

FURROWS
Evaluation of **furrow applied** granular insect- 079842

FUSARIOSIS
Fusariosis of **legume** crops in Lithuania. 4. 078897

FUSARIUM
Fusarium [oxysporum] wilt of spinach. 078934
of dry rot of potato tubers. [**Fusarium**]. 079058
dry rot of potatoes in Poland. [**Fusarium**]. 079059
Methos of evaluating **Fusarium disease** resis- 079073
Fusarium free feed for ganders. 074323
Pathogenicity of fungus of **genus Fusarium** L- 078897
Benlate tolerance in **Gladiolus Fusarium.** [078966
Effect of **Fusarium graminearum** on change 076117
Detection of **latent Fusarium** in Gladiolus c- 078996
with certain species of **Fusarium Link.** 079061
of Equidae caused by **Fusarium moniliforme** 075790
affect alfalfa. [**Nematodes, Fusarium**]. 079276
lines to this disease. [**Fusarium nivale**]. 078984
metabolism of **Fusarium oxysporum** fed with 078888
of physiologic races of **Fusarium oxysporum** 078902
to wilt disease. [**Fusarium oxysporum**]. 079056
various species of **Fusarium** & in **particular** 077319
Fusarium solani associated with a wilt of Co- 078962
of strains of Aspergillus niger. **Fusarium sp.** 075776
or pratylenchus coffeae & **Fusarium wilt** fun- 079260

FUSICLADIUM
SEE DEMATIACEAE

FUSIFORMIS
of foot-rot: antibodies **against Fusiformis** no- 075641
a progress report. [**Sheep, Fusiformis** nodos- 075791

FUSION
mould Didymium iridis. 1. **Fusion assay,** fus- 077456
A case of **centric-fusion** in goat chromosomes 076062
Sexual & **somatic fusion** in heterothallic sli- 077457

GALACTOLIPIDS
Galactolipid biosynthesis in Zea mays shoots 077849

GALACTOSYLS
Some properties of **acyl galactosyl** diglyceri- 078198

GALL
Content of alkaloids in **galls** of **Cacalia** hast- 077586
f. sp. theobromae, incitant of **cacao galls.** 078988
spp. II. Parasitic variation in **chestnut gall** 079792
Gall midges new to fauna of Netherlands. VI 080529
Materials to knowledge of **plant galls** of for- 079222
Anatomy of a **root gall** of Lycopersicon pim- 079345
Values of Bilirubin in **gall** of **White** Leghorn 074766

GALLERIA
hormone activity. [Aedes **aegypti, Galleria** 079643
gametogenesis of **Galleria mellonella** L., Lep- 080184
to juvenile hormone in **Galleria mellonella** l- 080251
activity. [Aedes aegypti, **Galleria mellonella,** 080299
waxmoth larva (**Galleria mellonella**). 080398

GALLINAE
SEE BIRDS

GALLUS
stimulation of brain in **chickens, Gallus** gall- 075038
ceruloplasmin activity in **Gallus domesticus.** 074595
of domestic fowl (**Gallus domesticus**]. 074630
gland of domestic fowl. (**Gallus domesticus**) 074786
levels in chicken (**Gallus domesticus**). 074973

GAMBIAE
infection of **Anopheles gambiae** & Culex pip- 080004

GAMBUSIA
SEE FISH

GAME
preparation for tree protection **against game** 076199
rhodesiense from **game** & **domestic** animals 075595

GAMETES
EMS) affecting male & **female gametes.** 080269

GAMETOCIDES
Use of Ethrel as a **gametocide** in **creating** w- 077249

GAMETOGENESIS
genital organs & **gametogenesis** of **Galleria** 080184
Gametogenesis & reproduction of Meloidog- 079318

GAMETOPHYTES
Development of ovule & **female gametophyte** 076921
of **gametophytes** of **Lygodium** japonicum. 076892

GANODERMA
SEE POLYPORACEAE

GARBAGE
On **collecting garbage** among inhabitants of 075161
using sewage sludge-**garbage composts** as fer- 081315

GARDENING
control in agriculture & **gardening** in **light** of 079539
Organic gardening. 081399

GARDENS
Wall or embankment in **garden?** [Landscapi- 078716
Floriculture: Flowers for your **garden.** 078717
Springtime in **garden.** [Cultivation]. 078761
Walking through China's **garden.** 078775
Gardens under **arctic** sun. [Alaska]. 078778
Small advice, **beautiful gardens.** [Roses]. 078629
Botanic Garden, Liguanea. 076584
Botanical Garden of Goteborg. 076590
Tydeidae) from Nikitsky **Botanical Gardens** 080653
A forgotten **garden brought** to life. 078660
Home **gardens coastal** South Carolina. 078657
A **cosmopolitan garden,** Glenveagh Castle, 076579
Contrast in **garden design.** 078662
Creator of **English garden:** Charles Bridgem- 078665
Garden escaped Spiraea species & hybrids in 076623
chart for ornamentals in **home garden.** 079837
Coumarins in fruits of **garden plants.** 077988

GARLIC
kinetic analysis of cytotoxic effects. [**Garlic**] 076897
marketing of **garlic** by **cooperative** farms wi- 073069
species of genus Allium L [**onion garlic**]. 076907
Pectic substances in onion & **garlic skins.** 074287
of wild onion (Allium candense), **wild garlic** 079579

GASES
Usefulness of using **gas** in **agricultural** enter- 080754
Influence of fasting on **blood gas** tension, pH 074538
respiration using a **gas chromatograph.** 077382
Gas chromatographic determination of resid- 073582
Gas chromatographic-mass spectrometric an- 073877
of tobacco quality from **gas chromatographic** 077929
Gas chromatographic determination of resid- 080054
Gas chromatographic method for analysis of 080093
Gas chromatography of flavonoids. 073876
Application of **gas-chromatography** in study 075329
lyophilized through **gas chromatography.** 075556
by combined **gas chromatography**-mass spec- 077549
Ethylene gas treatment for accelerated ripe- 078710
Method of recording **fermentative gases** of r- 074793
Rabies control by **gassing foxes?** 075738
Collaborative study of a **gas-liquid** chromato- 079425
efects of diets & season on **gas metabolism** 074607
evaluation of feedstuffs. II. **Gas production** 074982
Gases released from seed coats during imbib- 077843

GASTRIC
of rennin & pepsin in **bovine gastric** juice. 074567
Gastric & caecal lesions in pigs following fe- 075123
Gastric ulcer in swine: its causes & treatme- 076036

GASTROENTERITIS
from transmissible **gastroenteritis against** in- 075621
control of **parasitic gastroenteritis** in sheep. 075905
resistance to **transmissible gastroenteritis** of 075662
control of **transmissible gastroenteritis** (TGE 075762
to treatment of **transmissible gastroenteritis** 075763
diagnosis of **transmissible gastroenteritis** by 075904
cultures with **transmissible gastroenteritis** vi- 075619

GASTROINTESTINAL
of cambendazole **against gastrointestinal** pa- 075618
management in **gastrointestinal obstruction.** 075551
Conversion of lipids in **gastrointestinal tract** 074848
secretion along **gastrointestinal tract** of chi- 074971

GEARS
Trial stations for testing durability of **gears** 080839
trend in construction of **tractor gears?** 080912

GEESE
of new-laid eggs of hen, duck & **goose.** [Esc- 073669
development of thyroid gland in **goslings.** 074497
transport in avian erytgrocytes. [**Geese**]. 074565
protein & carbohydrate metabolism in **geese** 075053
of new-laid eggs of hen, duck & **goose.** [Esc- 075848
of age on productivity of **Chinese geese.** [Fe- 075287
change in blood count of full-**grown geese.** 076117
Goose industry in Israel. 073870
indices of meat of **geese infested** with helmi- 073696
conversion in growing white **Italian geese.** 075034
of meat production with **turkeys, geese,** & d- 075207

GELATIN
chicks fed sesame meal-**gelatin diets** at three 075057
acid analyser Hd-1200 E by **gel-filtration** ch- 077567
Gelatin in **food** industry. 073908
fluorescent pesticides on silica **gel layers.** 080099

GELATION
on swelling & **gelatinization behaviour** of la- 074208
Effect of urea on **gelatinization** of **potato** st- 074261

GENERA
investigations into wild species of **genus** Beta 076685
in Hiantia Borb. section Trifolium L. **Genus.** 077076
phylogenic study of **genus Acacia.** 076807
Five species of ant **genus Acanthomyops** (H- 080561
American species of **genus Agrimonia** L. ser. 076671
Two basic karyotypes in grass **genus Aira** L 076743
of Agrocharis Hochst. & **allied genera.** 076657
of some cultivated species of **genus Allium** L 076907
in Vicieae i: new **genus Anatropostylia.** 076660
development in neotropical army **ant genus** 080396
Five species of **ant genus** Acanthomyops (H- 080561
A new species of **genus Apion** [Tschernovi] 080656
carbohydrates in **arundinoid genus** Cortader- 077851

Genus Austrosimulium tonnoir (Diptera: Si- 080578
A note on **genus Bohemiellina** Mach. (Cole- 080505
Fungi of **genus Botrytis** Micheli in Lithuania 077304
strains for species of **genus Brucella** Meyer 075721
Revision of **genus Calantica** Tul. (Flacourtia- 076602
production by organisma of **genus Chlamydia.** 075858
Genus Corinna (Araneae, Culbionidae) in P- 080594
in arundinoid **genus Cortaderia.** 077851
of bacteria of **Corynebacterium genus** in udd- 075750
Intraspecific forms of **cranberry genus.** [Ox- 076611
species of biting midges of **genus Culicoides** 080587
species of biting midges of **genus Culicoides** 080588
Portugal belonging to **genera Cytisus,** Genis- 077529
in neotropical army ant **genus Eciton** (Hym- 080396
American species of **genus Epilobium** L. s.str 076622
Genus Erwinia: enterobacteria pathogenic to 075635
correlations between **European genera** of su- 080601
Keys to Families & **Genera** of **European** An- 080614
Section Pachylomidium (**genus Fissidens**). I. 076700
Rust **fungus genus** Nyssopsora & its host re- 078964
Pathogenicity of fungus of **genus Fusarium** L- 078897
of species of **genus Gentianella** Moench. 077372
Range & polyploidy of **genus Gladiolus.** 076703
Cytogenetics & taxonomy of **genus Globba** L 076675
Two basic karyotypes in **grass genus** Aira L 076743
Species of **genus Gyrophaena** (Coleoptera: S- 080522
Four new species of **genus Ironus** Bastian, 1 079330
Genus Johannesteijsmannia H. E. Moore Jr 076681
western Palearctic species of **genus Lampra** 080581
On validity of **genera Leponiscus** Gruvel 19 080488
in grasses of Festuca & **Lolium genera.** III. 077077
A new species of **genus Nematoplus** [semen- 080655
by several species of **genus Nicotiana.** [Toba- 076936
gene transfers in **genus Nicotiana.** [Tobacco 077111
gene transfer in **genus Nicotiana.** [Tobacco 077112
Resistance to anthracnose in **genus Nicotia-a.** 079090
to potato virus Y in **genus Nicotiana.** 079199
Rust fungus **genus Nyssopsora** & its host re- 078964
chemistry of alkaloids of **genus Papaver.** LV- 078147
Three new species of **genus Paralorryia** (Ac- 080653
of selected species of **genus Peucedanum** L. 076968
Nearctic spider **genus Pisaurina** (Pisauridae) 080591
Psilopezioid fungi. III. **genus Psilopezia** (P- 076612
Arthrochilus F. Muell. & **related genera** (O- 076733
Cytotaxonomical discussion of **genus Salix.** 076724
Genus Schomburgkia; a study in history & b- 076801
A revision of **genus Sennius** of North & Cen- 080648
Orthoptera). II. A new **genus & species** from 080558
A new **genus** & two new **species** of North 080569
bibliography: Catalog by **genus & species.** I 076686
Nearctic **spider genus** Pisaurina (Pisauridae) 080591
of head. II. A key to **genera & subgenera.** 080586
with notes on synonymy of **genus Syedella** 079350
A new **genus** of **Umbelliferae** (Tordyliinae) f- 076655

GENERATION

of population density within one **generation** 079722
Generation of alpha-**amylase** in germinating 077847
On productivity of second-**generation corn** 078509
cows, Zebus, & their **first-generation** hybrids 075352
wheat hyybrids in **first generation.** 077949
Winterhardiness of **first-generation** wheat h- 077951
on nymphs & eggs of **following generation.** 080662
from lumber industry for **heat generation.** 076449
grain yields in F1 **generation** of **hybrid** maize 077251
on growth & development of **M1 generation** 078152
pores on vegetative & **generative nuclei** in p- 076925
resulting from electric **power generation.** [G- 080745
of MCPA applied to **successive generations** 079484
Performance of second & **third generation.** 074986
acidic proteins in **generative** & **vegetative** n- 077398

GENERATORS

hen houses with use of TG-1 **heat generator** 080793

GENES

locus of Neurospora crassa. [**Genes.** 077026
work with dairy cattle from **gene bank** stoc- 075366
Ratio of **gene** & **chromosome** mutations in e- 077208
between maltose **complementary genes** in h- 077220
by frequencies of **genes controlling** polymor- 075237
Dominant suppressor of **curly gene** from na- 080428
VII. Identification of **genes determining** sen- 077230
Studies of a homologous **gene-enzyme** system 080199
Radiation induced **interspecific gene** transfe- 077111
Radiation induced **interspecific gene** transfer 077112
Field reaction of different **Lr genes** to Indian 077254
Linkage between **marker genes** on barley ch- 077092
state in nine **mutant genes** of pea plants. 077222
Gene mutations affecting cytochrome system 077209
Influence of **genes** of **necrosis** on appearance 077233
Site of **gene** action in **steel** mice: analysis of 075259
into distribution of **transferrin genes** in catt- 075236
Investigations on **genes** with **visible** effects in 075345
Effects of **genes, yb1** & yb2 controlling white 074096

GENESIS

Morphology & **genesis** of "pipe structure" in 081099
Endoplasmic reticulum in **genesis** of **Chara-s-** 076971
Genesis & characteristics of volcanic ash soil 081113
Genesis & characteristics of volcanic ash soil 081117
genesis of a **chronosequence** of soil developed 081015
mutagens on **microspore genesis** in sugar be- 076889

GENETICS

B blood group alleles of chicken. [**Genetics**] 074674
Cynology for veterinarians. C. **Genetics** II. 075358
Genetical adaptation of Chlorella populatio- 077228
An estimate of magnitude of **additive genetic** 074628
Selection & **genetical aspects** in improving 077086
Determine effect of **genetical background** & 077805
Genetic basis for selection & general consid- 075308
of development of **cereals genetics** & breedi- 077149
Topo-optical studies on onto-**genetic changes** 074619
Comparative genetics of yeast. IV. Identific- 077197
Comparative genetics of yeasts. III. interact- 077220
Genetic control in a pine nursery. [Pinus sy- 076355
Genetic control of bivalent pairing in Avena 077046
Genetic control of development in Volvox: i- 077140
Genetic control of isozymes of acid phospha- 077147
Genetic control of radiosensitivity in yeasts. 077230
in mosquito Aedes aegypti. [**Genetic control** 079985
Genetic correlationships of quality indices in 077148
Pollution & **genetic derivative.** [Animals]. 075227
Genetics & development of higher plants: a 077145
Developmental genetics; with emphasis on l- 077144
by Merino sheep **genetically different** in wo- 074550
Genetic differentiation of aptitude for callus 076936
Genetic differentiations in mating behavior 077057
Genetics of **dwarfing** & awning by monosom- 077256
Comparison of **genetic effects** of scattering 077130
Genetic factors & hormonal stimulation affe- 075251
Genetically improved conifers for Lake Stat- 076411
Analyzing rates of **genetic improvement** of c- 075408
Minimal approches to **genetic improvement** 076338
Genetic improvement of Pinus in south of U 076349
Genetic improvement of hardwood fiber pro- 076415
population explosion. [**Genetic improvement** 077070
Utilization of **Iranian genetic** material. [Wh- 077259
Genetic length & interference in telo-substit- 077048
Genetics & life cycle of Verticillium dahliae. 079104
Study of **genetic markers** & their effective u- 075409
Utilization of Iranian **genetic material.** [Wh- 077259
Genetic nature of mutations of sunflower, in- 077195
Genetic nature of mutations of sunflower, in- 077229
Genetic parameters among production carca- 075252
Genetical & physiological analysis of pseudo 077129
Certification for **genetic purity.** [Seeds]. 077114
Modern methods of **genetic research** in ani- 075348
Physiological & **genetic response** of Pinus st- 076219
Basic problems of **rye genetics.** 077094
Genetics of **rye** (Secale cereale L.). XII. In- 077199
of cystine by Merino **sheep genetically** diffe- 074550
Estimation of **genetic similarity** index betwe- 075237
Genetic studies on yield components in pea 077104
Genetic studies in pigeonpea. XIV. Round l- 077154
Genetic study of alkaloid content in lupine. 077247
of variation in a number of **genetic systems** 080620
of variation in a number of **genetic systems** 080621
Cultural & **genetic techniques** used for impr- 078496
Genetic variability in synthesis of colouring 077096
Genetic variability of alpha-glycerophosphate 080427
of magnitude of additive **genetic variation** of 074628
Genetic variety of beta-lactoglobulin in sheep 074834
Genetics & vegetable production. 077188
practice, environment & **genetics** on **volatile** 077808
by environmental factors. [**Wheat, genetics**] 077128
Genetics of **white** spruce. [Picea glauca]. 076403

GENISTA

SEE LEGUMINOSAE

GENITALS

excessive permeability of mare **genital duct** 075514
Skeleton & musculature of **female genital** & 080297
Female genitalia of Dixinae from Corsica. 080647
A note on how to prepare **insect genitalia** w- 080234
Geographical variations in **male genitalia** of 080370
in a case of leukaemia of **genital organ** of a 075293
on morphology of **genital organs** & fertility 075441
virus on formation of **genital organs** & game- 080184
notes on **genitalia** of **Proscopoidea** (Orthopt- 080158
Transport of microspheres in **genital tract** of 074668
induced development of **genital tract** on effe- 075225
tissues & fluids of **genital tract** of bulls & b- 075330
properties of spermatozoa in **genital tracts** of 075407

GENOMES

meiotic pairing in a & b **genomes** of **Brassica:** 077079
transcription of bluetongue **virus genome.** 075788

GENOTYPES

of chromosomes in **asynaptic genotypes** of 077047
Influence of **genotype** & **conditions** of growth 077913
wheat--behavior of **different genotypes** in pu- 077061
to recognition of **genotype** of **fatty** acid cont- 077889
water consumption of **individual genotypes** 077718
on development & **genotype** of **Malus** domes- 077085
Effect of **puberulent genotype** on oil, protein 077724
melanogaster. 1. **Genotypic response.** 080119
Testing genotype of beef cattle x DSR hybr- 075370
New winter **wheat genotypes.** 077165
Genotype x **year** interactions & ecovalence 077039

GENTIANACEAE

Germination of **Gentiana lutea** L. subsp. Sy- 077374

GENUS

SEE GENERA

GEOBOTANY

evaluation of **geobotanical** & **biogeochemical** 076848
Geobotanical & **biogeochemical** investigatio- 076849
Geobotanical characteristics of Quercus mac- 076609

GEOCHEMISTRY

point of view of **geochemical** & **agricultural** 081200
Soil geochemistry of bromine. 1. 081120
Soil geochemistry of bromine. 2. 081121

GEOGRAPHY

various ecological-**geographical conditions.** 077175
observations on **geographic distribution** & p- 080157
Profile morphology, **geographic distribution** 081156
ASSR according to **ecologo-geographical** gr- 076769
species of Drosophila: **Geographical races** fr- 080190
Historical & **geographical references** & insti- 075499
of mosquito: **geographical variation** in Aedes 080026
Geographical variations in male genitalia of 080370

GEOLOGY

Chemical composition of **geological material** 081193

GEOMETRIDAE

on snap beans. [**Geometridae, Bacillus** thuri- 079852

GEOMORPHOLOGY

Cartography geomorphological & ecology. [076843

GEOTRICHUM

germinated spores of **Geotrichum candidum** 077532

GERANIUMS

Carolina gernanium (**Geranium carolinianum** 079589

GERMINATION

Germination. [Seeds]. 077537
to thermic conditions of **germination.** (Pinus 078106
process of straitification & **germination.** [Pi- 078223
Seed size **affects germination** of true mounta- 077780
in lipid composition of **germinating barley** 077822
method for establishing **germination capacity** 077376
amylase induction in **germinating cereal** see- 077898
pea-root exudates on **germination** of **conidia** 078902
Study of **germination** of **cotton** pollen (Goss- 077715
modifications **diring germination** & growth of 078189
study of **germination** in **dormant** embryos s- 078176
DNA metabolism in **germinating embryos** of 077627
series method for **establishing germination** c- 077376
Field germination trial with pelleted tomato 078173
An easy method for **germinating flower** seeds 078043
Germination of **Gentiana** lutea L. subsp. Sy- 077374
Germination & growth of germinating plants 079061
of alpha-amylase in **germinating Hordeum** d- 077847
Seed dormancy & **germination** in **indiangrass** 077646
Possible role of **germination inhibitors** on d- 077825
abscisic acid on **germination** of **lettuce** (Lac- 078105
dormancy in barley. [**Germination, malting**] 073916
conditions during **normal germination** of Cr- 077225
Photocontrol of **germination** of **Onoclea** [se- 077536
activities in extracts of **germinating Pisum** s- 078114
Germination & growth of **germinating plants** 079061
course of ripening & **germination** of **pollen** g- 077163
vegetative nuclei during **pollen germination** 077398
Germination of **pollen** from Allium porrum 077984
N-quinone on **germination** of **radish** seeds. 078092
Germination of **range** plant seeds after long 077773
etched coleoptile cells of **ungerminated rice** 076906
of starch breakdown in **germinating rice** see- 077865
in Lithuanian SSR. 5. **Seed germination.** [A- 077302
wheat embryo during **seed germination.** 077752
of temperature & light on **seed germination** 077826
of some physical factors on **seed germination** 077941
of proteins in course of **seed germination:** is- 078096
culture on **germination & seedling** developm- 077661
in improvement of **germination** of **seeds** by 077292
plant material: Choice of **germinated seeds** 078456
of dormant & **germinated sporangiospores** of 079062
Investigations on **spore germination** of Copr- 077316
manganese deficiency on **spore germination** 077488
dehydrogenase in **germinated spores** of Geot- 077532
of temperature on **germination** of **sugar-beets** 077915
Field **germination trial** with pelleted tomato 078173
In **vitro germination** & pollen tube growth of 077879
Informosomes of **germinating wheat** embryos 077730

GERMPLASM

susceptibility of some **maize germplasms** to 079718

GERMS

of isoenzymes of wheat **germ acid** phosphat- 077874
Germ bread. [Wheat]. 074219
analysis of meat salads by **germ content.** 073036
Determination of corn oil in **corn germ** by i- 074130
Germ fat & wheat baking capacity. 074123

structural comparison of cyst & **germ tube** 076973

GESNERIACEAE
of African violets (**Saintpaulia ssp**). 078852

GESTATION
in rabbit at different stages of **gestation.** 075264
magnesium levels to drylot-fed **gestating beef** 074961
grass pastures upon **gestation period** of Kar- 075003
fetuses in last third of **gestation period.** 075400
vs twice-a-week feeding of **gestating sows.** 075156

GIBBERELLA
C]-gibberellic acid. [**Gibberella fujikuroi,** ca- 077498

GIBBERELLIC
Identification of **gibberellin** A20, **abscisic** ac- 077549
Influence of **gibberellic** & **abscisic** acids & g- 077883
Preparation of [14C]-**gibberellic acid.** [Gibb- 077498
two fluorogibberellins from **gibberellic acid.** 077601
Effects of **gibberellic acid** & sublethal levels 077664
in barley aleurone tissue by **gibberellic acid** 077884
Gibberellic acid & alpha-amylase induction 077898
in Mangifera indica L.by **gibberellic acid.** [077979
Effect of **gibberellic acid** & 2, 4, 5-T on fruit 078073
species. I. Effect of a **gibberellic acid** treat- 078176
Effects of **gibberellic acid** & sublethal levels 079416
Effect of **gibberellin** on **certain** physiological 077828
of actinomycin D, **gibberellin** A7, & **cyclic** 077442
Diffusible & **extractable gibberellins** in bean 078103
mononucleotide-**gibberellin interactions** in fl- 077485
Effects of **kinetin, gibberellins** & (+) abscis- 078105
Gibberellin level in some wheat, rye & barl- 077905
Gibberellin spray. [Pears, plant hormones] 078030

GIGARTINACEAE
of hexose oxidase from red **alga Chondrus** cr- 077361

GILTS
SEE SWINE

GINGER
crude fibre, fat & protein content in **ginger** 077420
nematode control in **ginger** with non-**volatile** 079383

GIRLS
Conservation activities, for **Girl Scouts.** 081575

GLADIOLUS
Cold damage on **Gladiolus bulbs.** 079387
of latent Fusarium in **Gladiolus corms.** 078996
Benlate tolerance in **Gladiolus Fusarium.** [078966
Range & polyploidy of **genus Gladiolus.** 076703
Gladiolus soil fumigation trial--1972. 079266
to dehydration of **Gladiolus** as a **trait** of dro- 078086

GLANDS
Chicken Harder's **gland:** evidence for a relat- 074583
function of dorsal **abdominal gland** & defence 080410
Thyroid **gland activity** in piglets under shock 074703
system & retrocerebral **endocrine glands** of 080293
Evolution of cephalic **exocrine glandular** sys- 080296
of thyroid **glands experimentally** produced in 074614
of nerval regulation of **gland functions** with 074637
Cholinesterase activity in **Harderian gland** of 074786
dehydrogenases in **maxillary glands** of pigs. 074666
sexual maturation in bovine **pineal gland.** 074520
Influence of **preen gland** removal on lipid o- 074739
a sexual dimorphism in tubular **scent glands** 080247
Structure of metathoracic **scent gland** system 080413
free from accessory sex **gland secretions.** 075280
mori directly extracted from **silk gland,** iI. 080665
mori directly extracted from **sok gland.** I. 080664
polymerase from calf **thymus gland.** 074555
Ontogenic development of **thyroid gland** in 074497

GLASS
dispersion studies in unsaturated **glass bead** 081089
vegetable production under **glass** & **plastic** c- 073440
vegetable production under **glass** & **plastic** c- 078695
disinfection of soil under **glass** & **plastic** cov- 081539

GLAUCOMA
treatment of a case of **glaucoma** in a **dog.** 075865
Aetiology of **glaucoma** in **dog** & cat. 076077
treatment of a case of **glaucoma** in a **dog.** 080028

GLEYING
physics study of a surface water **gleyed para** 081058
Draining variants in **pseudo-gley** soils. Inves- 081271
of Kolkhida Lowland podzolic-**gley soils.** 081183

GLOBULES
of hydrogen sulphide from **fat-globule** memb- 073964
of proteins of milk fat **globule membrane.** 074564

GLOBULINS
on standardization of **antiglobulin** (Coombs) 075796
concentration by throxine **binding globulin** t- 074755
A & nonspecific gamma-**globulin** on **blood** cl- 074810
Absorption of **colostral globulins** by newborn 074803
Serum **immune globulin** levels in lambs und- 075912
Appearance of **marcromolecular globulins** in 074714
separated from fowl blood **plasma globulins** 074673
Use of **antiglobulin test** in diagnosis of bovi- 075835

GLOMERULAR
Glomerulonephritis in **dog** & cat: a compara- 075634

GLOSSINA
sterility in progeny of **irradiated Glossina** m- 080264
glycoglen in tsetse fly (**Glossina morsitans**) 080226

GLUCAGON
Effects of cold & **glucagon** on **lipolysis,**glyco- 074592
Effects of heat & **glucagon** on **plasma** glucose 074737

GLUCANS
Beta-glucanases & non-**cellulosic glucans** in 077878
Beta-**glucan sybthesis** by Lolium multiflorum 077897

GLUCONIC
Gluconic acid-producing bacteria from honey 073878

GLUCOSES
on unesterised fatty **acids, glucose** & lactate 074553
pyrenoidosa during **glucose** & **ammonium** ass- 077342
Studies on **blood glucose** content in healthy 076065
III. Enzymer of **glucose catabolism.** 077470
Glucose consumption by Ascaris from hosts 075610
of hydrolysed **glucose-cycloacetoacetate** on 074632
of uridine diphosphate-d-**glucose-4-epimerase** 078233
fasting & refeeding by **glucose** on **glycogen** 075071
temperature: growth **hormone, glucose,** & fr- 074537
scanning calorimetry of **nicotine, glucose** & 077737
blood sugar & **glucose-6-phosphatase** of broi- 074809
carboxylases by **glucose-6-phosphate:** a part- 077542
adenine dinucleotide] in **glucose 6-phosphate** 078232
of heat & glucagon on **plasma glucose** & free 074737
Influence of **glucose syrup** & other carbohyd- 073823
Metabolism of **glucose** by **unicellular** blue-g- 077331
of wheat starch & **glucose** on **utilization** of 074763

GLUCOSIDES
elucidation of a new C15-**iridoid glucoside** fr- 077446

GLUCOSINOLATES
determination of **glucosinolates** in **Brassica** 077993

GLUCURONIDE
hispidulin-7-O-**glucuronide** from **leaves** of Cl- 077521

GLUE
Gluing ability of veneer from tropical wood 076571
improvement. 2. **Gluing** with **phenolic** resins 076473

GLUMES
Glume fertility in primitive bread wheats of 077255
Inheritance of hairiness of **floral glumes.** 077199

GLUTAMATE
of temperature on **glutamate catabolism** & g- 075858
NADP-linked **glutamate dehydrogenase.** 077462
phosphate-specific **glutamate dehydrogenase** 077532
higher plants. 4. **Glutamate dehydrogenase** 077781
Control of **glutamate dehydrogenase** from P- 078113

GLUTAMIC
Conversion of **glutamic acid** to proline in ch- 074754

GLUTAMINE
Glutamine synthetase in chloroplasts of Vic- 078142

GLUTARALDEHYDE
formaldehyde resin with **glutaraldehyde.** [M- 073942

GLUTEN
On determining amount of **gluten** in **flour.** 074206

GLYCERALDEHYDE
phosphate[**Linked glyceraldehyde**-3-phospha- 077622
pea shoots by L-**glyceraldehyde-3-phosphate** 078137

GLYCEROL
Role of **glycerol** in **osmotic** regulation of ha- 077534

GLYCEROPHOSPHATE
of alpha-**glycerophosphate dehydrogenase** in 080427
alpha-**glycerophosphate dehydrogenase** allel- 080430

GLYCINES
fertilization of soybean (**Glycine max** (L.) 081373
Response of soybean [**Glycine max** (L.) Me- 081381

GLYCOGEN
of plant starch & **bacterial glycogen.** 077572
moisture regime on level of **glycogen, blood** 074809
amylase & aldolase in **glycogenic body** of ch- 074771
on glycogen contents in **glycogen body,** liver 075071
cold & glucagon on **lipolysis,glycogenolysis** 074592
drug MD-2 on amount of **glycogen** in **liver** c- 075990
leukemia. 8. amount of **glycogen** in **liver** cells 075991
cyclase & regulation of **glycogen metabolism** 077573
glutamate catabolism & **glycogen production** 075858
Substrate specificity of **glycogen synthase** p- 074558

GLYCOLYSIS
long term control of **glycolysis** in **Chlorella** 077342
enzymes & **glycolytic intermediates** in norm- 074591

GLYCOPEPTIDES
function of **phytotoxic glycopeptides** & other 076766

GLYCOPROTEINS
of membrane except for **glycoproteins.** 074554
Characterization of a **glycoprotein** in **cyst** fl- 075719

GLYCOSIDASES
Glycosidases of **Dolichos** biflorus: Isolation 077365

GLYCOSIDES
Cardiac glycosides (heart poisons) in polka- 079845
quotient] intervals to **digitalis glycosides** in 075452
in dogs without use of **digitalis glycosides.** 076086
resistance of two **flavonic glycosides** isolated 077526
Flavonoid glycosides from illuminated cell s- 078116
Flavonol glycosides in Brassica & Sinapis. 076746
determination of **glycosides** of **herb** of conva- 078040
Evidence that **hydroxylysyl glycoside** partic- 074559
Iridoid glycosides in Scrophulariaceae family 077276
Iridoid glycosides of Phlomis tuberosa L. 077581
glycopeptides & other **glycosides** from **plant** 076766
esters of polyalkoxylated **polyol glycosides** 074109
Biosynthesis of **sterol glycosides** in cell-free 077269
timbers. XIV. **Triterpene glycosides** of Acac- 078204

GLYCYPHAGIDAE
putrescentiae, **Glycyphagus destructor**]. 079935

GLYCYRRHIZA
SEE LEGUMINOSAE

GLYOXYSOMES
acid species associated with **glyoxysomes.** 077858

GNAPHOSIDAE
on some spiders of **family Gnaphosidae,** from 080565

GNATHOTRICHUS
attraction in **Gnathotrichus sulcatus** (Coleop- 080217

GNOTOBIOTICS
for production of **gnotobiotic foals.** 075569

GOATS
acid & calcium in blood of Sicily's **goat.** 074505
of progesterone in systemic plasma of **goats:** 074660
Utilisation of urea-nitrogen. [**Goats**]. 074864
of unsaturated fatty acids in rumen of **goats** 074981
fluid] of cerebral ventricles of **goat.** 075501
fluid of Cysticercus tenuicollis from **goat.** 075719
short-term fasting, & refeeding on **goats.** 074861
phosphorus, zinc & copper of new **born kids** 076006
ruminants & their offspring. [**goats, cattle**]. 076005
case of centric-fusion in **goat chromosomes.** 076062
Introduction of **goats** to a **cooperative** sum- 072926
vessel on right in a **domestic goat.** 076012
placenta of **goat** during **early** pregnancy. 075250
mastitis in **goats** by **intramammary** inoculat- 075727
on phosphorus level of casein in **goat milk.** 074713
electrocardiographic study of **normal goats** 074697
Carbohydrates of buffalo & **goat semen.** 075267
Brucellosis in **goats** & **sheep.** 075981

GOITER
by iodine defieciency. [endemic **goiter, cattle** 076070

GOLD
Golden beef-steaks. [Consumption, situation 073313
in magnesium of "**Golden delicious**" apple t- 077994
on structure of peel of **Golden Delicious** app- 078071
yield & fruit quality of **Golden Delicious** ap- 078740
Evaluation of russet-free **Golden Delicious** t- 078832
choriomeningitis virus in **golden hamster** br- 075866

GONADS
in chickens. 2. **Gonadotropic activity.** 074756
prevalence of Toxoplasma **gondii antibodies** 075631
mares given human **chorionic gonadotropin** 075184
of genital tract on **effect** of **gonadotropic** st- 075225
Gonadotrophic effect of juvenile hormone in 080326
Relationship of **fetal gonads** to urinary estr- 075183
hormones & **hypophyseal gonadotropins** (F- 074620
food hygiene. [Toxoplasma **gondii, Listeria** 073670
pregnant mare's **serum gonadotrophin**] or p- 075275
reaction to **gonadotropic stimulation.** 075226
cat in natural history of **Toxoplasma gondii** 075611
domiciled & stray cats. [**Toxoplasma gondii**] 075628
food hygiene. [**Toxoplasma gondii,** Listeria 075851
Kozar: Toxoplasmosis. [**Toxoplasma gondii**] 075973
Survival of **Toxoplasma gondii** in mosquito 080246

GOOSEBERRIES
of virus infections of currant & **gooseberry.** 079167
pest control in **gooseberry production.** 079287

GOPHERS
Pocket gophers & Colorado mountain range- 079262
Acarinium of pocket gopher, Thomomys bot- 080002

GOSLINGS
SEE GEESE

GOSSYPIUM
SEE MALVACEAE

GOSSYPOL
Effect of bound gossypol on absorption of ir- 074972
Tolerance levels of free gossypol in layer di- 075040
Effect of intravenous gossypol injection on i- 074969

GOUDA
SEE CHEESES

GOURMET
"Organic cooking"--gourmet cooking. 073706

GOVERNMENT
Problems, Intergovernmental Group on Rice 073197
Problems, Intergovernmental Group on Rice 073198
Intergovernmental group on jute, kenaf & al- 073358
Intergovernmental group on jute, kenaf & al- 073359
of sixth session of Intergovernmental Group 074108
studies at government Horticultural Resear- 078607
F. AO. Report to Government of Iran on ec- 079690
Study of some laws governing porosity of lo- 081052
Report to Government of Peru concerning d- 076249
Government program & farmer. [Cotton, su- 073548
as a result of governmental restrictions. 076238

GRADIENTS
Effects of heat & light crossed gradients ro- 074738
of inverted water potential gradients betwe- 078101
phosphorylation on size of proton gradient 078032
to study of vegetative gradients & boundaries 076869

GRADING
developments in pasteurization of grade "A" 073949
Potash & its role in high-grade agricultural 081278
with abomasal infusions of graded amounts 074651
of yolk pigmentation to candled grade. [Chi- 075044
of soybean varieties to graded doses of nitro- 081428
for phosphorus availability of feed grade sou- 075046
Problems in grading frying fats. 073596
Grading of lumber & its allowable stress. 076472
of malathion in technical grade malathion & 079627
contributing to expansion of grade A milk p- 072852
in manufacture of some grades of paper. 073819
in manufacturing of some paper grades. 073820
Rayon grade pulp from jute sticks. 074097
Sensory methods in quality grading of food 073615
New method of grading seeds of cereal crops 074229

GRAFTING
Whip grafting (tongue or bench grafting). 078857
Cleft-grafting. [Apples, pears]. 078856
effectiveness of production of grafted grape 073084
Hydroponic culture of grafted grape seedlin- 078808
in technology of raising grafted grape seedli- 078818
Effect of methods on grafting pears with qu- 078816
Specific mutation caused by grafting peas o- 077178
Stocks for grafting plum trees. 078784
Techniques of side-grafting in mango. 078608
Evaluation of growth of grafted spruce plants 076226
Time of walnut grafting in region of Skopje 078748

GRAFTS
quinata (Jacq) Dugant by grafts. 076386
various methods of stratification of grafts. [078810
polymerization. II. Factors affecting graft p- 073985
Accretion rate of grape grafts in a hydropon- 078807
virus symptoms with graft-incompatibility in 079184
in dogs by use of a corneal-scleral graft. 075453

GRAINS
Changing world needs for grains in 1972's. 073193
problems of proof of mycotoxins. [Grain]. 073620
accumulation of assimilate s [Grain]. 077063
municipal wastewater on oat forage & grain 077771
measures on yield & yield structure. [Grain] 078297
of variety trials in Ostergotland. [Grain]. 078420
acting nitrogen in maize grown for grain. 078572
way to fight fungus diseases. [Grain]. 079004
Cercosporella herpotrichoides Fron . [Grain 079040
arvensis & Convolvulus sepium in grain. 079465
Grain: weed control for all seasons of year. 079512
Two story cold air drying house for grain. 080747
harvesters during harvest campaign. [Grain] 080850
of commercial fertilizer & planting of grain 080994
of commercial fertilizer & planting of grain 080995
municipal wastewater on oat forage & grain 081394
Fertilizing advice. [Grain]. 081424
measures on yield & yield structure. [Grain] 081613
planting density as affecting grain yield of 078483
treatment to fight weeds in autumn grain. 079467
Avoid grain losses in storage. 074196
of rice (Oryza sativa L.) with better grain q- 077106
Government of Iran on ecology of grain bug 079690
micro Kjeldahl digestion of cereal grains & 074085
Measurement & control in grain cleaning p- 074349
industry with regard to common grain mark- 073189
Determination of maturity of grain of corn 077987
by means of quantitative grain criteria. 074095
with yeild capacity of grain crops. 081247
of soil nutrients & yield of grain crops in no- 081298
of phosphorus fertilizers on grain crops rela- 081305
production capital for raising grain crops. 073111
Value of different grain varieties as a source 077933
Evaluation of distillers dried grains with sol- 074918
Winter weed control in grain with Erbitox 079511
Characteristics of grain farms with emphasis 073066
Fighting weeds in feed grain with chemicals 079419
consumption of grain for feeding purposes (073309
Whole wheat grain feeding of lambs. II. Gr- 074869
Whole wheat grain feeding of lambs. III. R- 074870
Fighting weed seeds in grain field. 079499
effects on wheat during grain filling. 077643
Regulating air-water system in a fine-grained 078805
An artifact resembling silver grains found in 078183
evaluation of DDVP in grain & grain produ- 073698
of seed growing of grain & hard seed Legum- 077119
Trends in mechanization of grain harvesting 080842
BASAGRAN) (R)? [Herbicides, grain]. 079439
Factors increasing grain production in Ukra- 073422
Vertical cooperation of grain industry & fa- 072896
Organization of enterprises of grain industry. 074181
agriculture--shift from grain to livestock may 073226
Avoid grain losses in storage. 074196
Problems of grain maize culture. 078300
Grain maize grown in light to medium soils 078310
Full ripening of grain maize: Conclusions fr- 078321
with regard to common grain market regulat- 073189
Storage of high moisture grain sorghum (So- 074083
grazing wheat & other small grains pasture 076142
Mildew control in grain permits alternatives 079051
of ripening & germination of pollen grains in 077163
induced by irradiation of pollen grains of A- 077218
of haploid embryos from pollen grains of Da- 077620
Problems of grain preservation in storage fa- 074183
Research Institute for grain processing. 074125
How grain processing methods compare. [F- 074330
Factors increasing grain production in Ukra- 073422
moisture on growth & grain production in u- 077732
on wheat forage & grain production. 081480
for wheat forage & grain production. 081482
of DDVP in grain & grain products. 073698
proteinase activity in grain & its products w- 074106
of DDVP in grain & grain products. 080147
Forage & grain programs for dairy farms wi- 072908
Proso grain variety tests, 1972. 078442
Oryza sativa L.) with better grain quality. 077106
On breeding spring barley for grain quality 077183
varieties by means of quantitative grain crit- 074095
of basic production capital for raising grain 073111
A new grain record from Halland. 078352
Recent developments in rice grain research. 074214
Small grains research. [Crop yields]. 078490
Recent developments in rice grain research. 074214
coleoptile cells of ungerminated rice grains. 076906
of carbohydrates in ripening rice grain & its 077678
Amino acids composition of rye grain, sieved 074230
air-water system in a fine-grained sandy sub- 078805
scientific research on breeding. [Seeds, grain] 073085
Amino acids composition of rye grain, sieved 074230
An artifact resembling silver grains found in 078183
in grazing wheat & other small grains pastu- 076142
Performance & adaptation of small grains in 078358
Small grains research. [Crop yields]. 078490
Chemicals for seed treatment of small grains 079045
Chemicals for seed treatment of small grains 079046
Storage of high moisture grain sorghum (So- 074083
degradation of barley & sorghum grain. [Cat- 074338
on nutritional value of sorghum grains with 075064
on nutritional value of sorghum grains with 075065
Leaf blade areas of grain sorghum varieties 077013
antitranspirants on yield of grain sorghum 077641
Grain sorghum yields in one-row & two-row 078258
control of a spider mite in grain sorghum on 079747
Fertilizer use on grain sorghum. 081487
Irrigation scheduling for grain sorghum. 081612
Growing conditions of grain soybeans & its 077892
for testing humidity of grain in storage. 074228
maintenance can be costly. [Grain storage s- 080731
selection & change of seed of summer grain 078427
World grain trade from Canadian point of v- 073147
Value of different grain varieties as a source 077933
Grain varieties for 1973. 078404
Selection of grain varieties. 078407
Proso grain variety tests, 1972. 078442
Draff for cattle. [Feeding, wet grains]. 075153
of copper & manganese in grains of wheat of 074231
of phosphorus in grain of some wheat variet- 074234
Dynamics of sugars in wheat grains when ri- 074235
Whole wheat grain feeding of lambs. II. Gr- 074869
Whole wheat grain feeding of lambs. III. R- 074870
Protein content of winter wheat grain as rel- 077655
studies on insects infesting wheat grains in 079941
Yield capacity & quality of grain of winter 077634
World grain trade from Canadian point of v- 073147
Overgrowth by weeds of grain this year--a 079532
of parental forms on grain yield of corn hyb- 077200
Grain yield, milling quality, & seed viability 077648
photosynthetic limitation to grain yield in a 077685
on growth, development & grain yield of two 078340
of plant spacing within ridge on grain yield 078341
on varietal difference in grain yield of maize 078436
planting density as affecting grain yield of 078483
of some fertility factors & grain yields in F1 077251

GRAMA
Stoloniferous blue grama. [Bouteloua gracilis 077779

GRAMINEAE
de Haan on some wild species of Oryza. 078961
Eragrostis tracyi (Gramineae, Eragrostoideae) 076666
of viruses on Gramineae in German Federal 079189
production in upland rice, Oryza glaberrima 077732
irradiation on recombination in rice, Oryza 077110
high-yielding varieties of rice (Oryza sativa 077106
benzene hexachloride] in rice (Oryza sativa 077749
in coleoptiles of rice (Oryza sativa L.). 077768
of dwarf varietie s of rice (Oryza sativa L.). 078366
yield of lowland 'IR 8' rice (Oryza sativa L. 079473
succeeding cereal crop of rice (Oryza sativa 081377
numbers of Gramineae from Sudan. 077010

GRANGE
of Cuenca del rio Sauce Grange considered 081697

GRANOSAN
tissues of calves poisoned by Granosan. 073704

GRANULARITY
Evaluation of furrow applied granular insect- 079842
on behavior of streams of granular material 080881

GRANULATION
Effect of granulated feeds on activity of catt- 074833
Granulation value of lamina of cereals (with 077062

GRANULES
of propachlor from granules in soil. 079600
A comparison of starch granules as seen by 073910
behaviour of large wheat starch granules. 074208

GRANULOMETRIC
content in granulometric fractions of a typi- 081179

GRANULOSIS
pomonella (L.) with specific granulosis virus 079861

GRAPE
relative humidity of dried fruit: sultanas. [R- 074290

GRAPES
application of vine breeding. [Grapes]. 077072
in vine leaf water potential. [Grapes]. 078102
on growth, yield & quality of grapes. 078171
in nutrition & fertilizing of grapes. 078196
of cane girdling on yield & quality of grapes 078794
control of boron efficiency in grape. 079223
trimethylammonium chloride. [Grapes]. 079385
to improve on perfection? [Grapes, breeding 078869
Nitrogen content of grapes in cool storage e- 074312
different number of buds on grape cultivar 078612
Mechanization of grape culture in hilly areas 073093
Decline of grape culture in Etna region. 073439
activity of sandy substrates. [Grapes, culture] 078804
of stratification of grafts. [Grapes, culture] 078810
Greening of terrace slopes. [Grape culture]. 078820
Development of foliage of grapes depending 078015
Weather, growth of grapes, diseases, pests 078197
effectiveness of production of grafted grape 073084
Hydroponic culture of grafted grape seedlin- 078808
in technology of raising grafted grape seedli- 078818
Accretion rate of grape grafts in a hydropon- 078807
Mechanization of grape harvesting: A new 080866
different varieties of grapes under irrigated 078024
Method of propagation of grapes by layering. 078815
tasks of development of grape nursery cultu- 078801
Grape nursery culture on an industrialized 078813
content of Riesling & Portuguese grapes & 074311
of time & energy in grape pruning. 078868
Mechanical harvesting, raisin grapes--an eva- 078643
Raising grape seedlings in sandy substrate. 078802
Studies on mass selection of Razaki grapes 077264
for production of grape rootstocks. 078809
removal of buds from grape rootstocks. 078812
of production of grafted grape seedlings. 073084
Raising grape seedlings in sandy substrate. 078802
for soil-free culture of grape seedlings. 078803
A unit for soilless culture of grape seedlings 078806
Hydroponic culture of grafted grape seedlin-s. 078808
Hydroponic culture of grape seedlings in Fr- 078814
of raising grafted grape seedlings. 078818
grained sandy substrate. [Grapes, soilless cu- 078805
On dormancy of grape tissues & possibility 078800
complex Burgas. [Fruit trees, grapes]. 073050
of yield of Malvazija Istarska white grapes. 078619
first of a Finger Lakes series of wine grapes 078765

GRAPEVINES
Amino acids in bleeding sap of **grapevine.** I. 078079
Amino acids in bleeding sap of **grapevine.** II 078080
cordon" of some **Tuscans grapevines.** 078613
Tetranychidae, Acari) on **grapevine Vitis** vin- 079862

GRAPHOLITHA
Grapholitha molesta, **Grapholitha funebrana** 079796
An importance of **Grapholitha funebrana** Tr. 079864
attractant synergists. [**Grapholitha molesta**] 079807

GRASSES
regrowth of two tropical forag e **grasses.** [D- 077664
studies on available carbohydrates in **grasses** 077789
regrowth of two tropical forag e **grasses.** [D- 079416
Effect of fenuron on trees & **grasses.** [Weed 079577
of nitrogen on production of **grasses.** 081475
Two **grasses** well **adapted** to French meadow 078307
bullets for prophylaxis **against grass** tetany 076032
Barnyard grass: a potential threat to vegeta- 079557
Slime molds in **Bermuda grass.** [Paspalum 078894
dairy cows grazing para **grass, Brachiaria** m- 074573
Briquetting grass after addition of lye & co- 074364
Nematoda: hteroderidae) from **buffalo-grass** 079314
oil content & quality in **citronella grass.** [C- 081505
composition of subterranean **clover-grass** pa- 074857
Grass-clover pastures & livestock production 078457
Congo grass Sectaria sphacelata (Schum.) S- 078345
Couch-**grass control** in agriculture & garden- 079539
Cultivated grass & price of feed cakes. [Dai- 078254
of several species of **grasses cultivated** for f- 078376
in a herbage **grass--Dichanthium** annulatum 077941
On water conditions of **dominant grasses** in 077936
of brickets & cobs from hot air **dried grass** 075015
Yield & potential of artificially **dried grass.** 078273
Ensilage of bales of **dried grass** using a bale 080903
Palatability of **elephant grass:** pennisetum p- 074891
grass, Brachiaria mutica & **elephsnt grass,** 074573
Feeding grass straw to wintering beef cows. 075029
Induced alloploids in **grasses** of **Festuca** & 077077
in canopies of six temperate **forage grasses.** 077763
New **forage grasses** for northern Kăzakhstan 078569
of fertilizations on yield of **fresh grass** & oil 081505
Two basic karyotypes in **grass genus** Aira L 076743
on yield & persistence of **grasses grown** with 081524
Helminthosporium of **guinea grass,** Panicum 078906
feeding value of orchard **grass hay** & mixed 074990
on seed germination in a **herbage grass--**Dic- 077941
varieties of **grasses** under **influence** of nitrog- 077902
dry matter yield patterns of **grass/legume** m- 078342
of grass roots greater in **grass-legume** mixtu- 079275
Experiments on cultivation of **lucerne-grass** 078576
Matching grass to stock. [Cattle, sheep]. 074907
Pelleting of **grass meal** & chopped hay. 074371
On substituting **grass meal** concentrates in 075160
value of orchard grass hay & **mixed grass** h- 074990
A pasture of **mixed grasses** must adapt to n- 078446
Grass mixes for irrigated pastures in northe- 078583
on cultivation of lucerne-**grass mixtures.** 078576
A pasture of mixed **grasses must** adapt to n- 078446
Distribution of some **native grasses** in Cana- 078333
grass hay composed mainly by **orchard grass** 074990
on dry matter production in **orchard grass** 077788
fructosan composition of **orchard grass** with 077789
alone or in association with **orchard grass** or 078479
Helminthosporium of guinea **grass, Panicum** 078906
behaviour of dairy cows grazing **para grass,** 074573
odoratum L. collected from **Park Grass** Exp- 077764
bodoratum L. collected from **Park Grass** Ex- 077765
a+b) content in **pasture grasses.** 077903
of subterranean clover-**grass pastures** as affe- 074857
of brackish shrubveld & **grass pastures** upon 075003
of subterranean clover-**grass pastures** as affe- 076815
mutica & elephsnt **grass, Pennisetum** purpu- 074573
of Harmon oats, four **perennial grasses** & B- 078329
Experiment of sowing **perennial grasses** on 081560
with mixed varieties. [**Grasses, planting,** leg- 078431
characteristics of some **grass plants** growing 076890
Productivity of direct seeded **pure grass** sta- 078326
Estimating utilization of **range grasses** using 078290
Nematode infestation of **grass roots** greater 079275
Bioluminescence of seeds of **rye-grass** & bar- 077628
Rye grass trials at Kentville. [Lolium]. 078325
characteristics of warm-**season grasses.** I. S- 077790
differences of several warm-**season grasses** in 077791
Congo **grass Sectaria** sphacelata (Schum.) S- 078345
Long-term storage of **grass seeds.** 074110
Introduction of **selected grass** species & var- 078423
Responses of **semidesert grasses** to seasonal 078390
steam therapy for control of **grassy shoot** di- 079341
lesions associated with **grass sickness.** 076098
Copper content in **grass & soil** under copper 076149
Effects of crops & **grass** on **soil** structure. 081157
Introduction of selected **grass species** & var- 078423
clover seed yields & sge of **grass stand** & ha- 078511
of direct seeded pure **grass stands** in year of 078326
Feeding **grass straw** to wintering beef cows. 075029
On **substituting grass** meal concentrates in 075160
matter production in orchard **grass sward.** 077788
On protective capacity of **grass swards** in s- 081588
Grass tetany alert program in north Georgia 076022
Studies on **grass tetany** in cattle. I. Cases of 076025
bullets for prophylaxis against **grass tetany** 076032
Rye **grass trials** at Kentville. [Lolium]. 078325
mineral nutrition of several **tropical grasses** 077702
survival of perennial **tropical grasses** in nor- 077774
mixed seeding as a problem in **grass variety** 078575
for successful overwintering on **grass veld.** 075092
among several **warmseason grasses** in variat- 077790

GRASSLANDS
Africa: need for a reappraisal. [**Grasslands**]. 078278
fungus Pithomyces chartarum. [**Grasslands**] 078995
control of docks (Rumex spp) in **grassland.** 079431
menetriesi Faldermann, in **grassland.** III. D- 079722
Atrachya mentriesi Faldermann, in **grassland.** 079723
Studies on soil animals in **grassland.** II. Age 081124
a source of nitrogen fertilizer for **grasslands** 081316
How much fertilizer for **grasslands?** 081317
Nitrogen on **grassland;** nitrogen for milk & 081319
Homoptera) of **acidic grassland.** 080568
quality & quality units of **grassland--basic** pr- 078578
mesoxerophytic **grassland communities** on n- 076819
in xerothermic **grassland communities** & dry 076820
cattle rearing on field **cropand grassland** fa- 075012
meadow stands in case of **different grassland** 078498
on surface sowing in **grassland establishment** 078401
on surface sowing in **grassland establishment** 078402
method of **grassland establishment.** 081549
sward problems on **eutrophic grassland.** 077963
Milk production in **grassland farming:** Farm 072904
of nutrient uniformity in **grassland farming.** 073063
Sourveld of Natal. [**Grassland farming**]. 078403
rearing on field cropand **grassland farms.** 075012
Some problems of **grassland fertilization.** 081453
Fertilizer use & **grassland improvement** on 081327
Burning temperatures of **grasslands** in **Japan.** 078398
Burning temperature of **grassland** in **Japan.** 078399
in three **mesoxerophytic grassland** communit- 076819
Management of **permanent grassland.** 078448
patterns of yield from **permanent grassland** 078577
devising mixtures for **permanent grassland.** 078579
pollen analyses of a stratified **grassland soil** 076697
Botanical structure of **sown grassland.** I. On 078400
pollen analyses of a **stratified grassland** soil 076697
Establishment of **grassland swards.** 078447
in case of different **grassland techniques.** 078498
annual increment in an **upland grassland** of 077940
of mineral matter from **grassland** in **various** 078574
On some aspects of **grasslands** of **western** I- 078419
structure in **xerothermic grassland** communi- 076820

GRAVITY
Collaborative study of a **gravimetric method** 080053

GRAY
Notes on predaceous habits of **gray field** slug 079809
phosphates in bog-podzolic & **gray forest** soi- 081153
particle size fractions of **gray forest** soils. 081190
phosphorus by Chernozems & **gray forest** so- 081192
Reclamation of **grey forest** soils on slopes by 081590
chloro-4-toluidine towards **grey partridge** (P- 079242
rye in crop rotation in **gray podzolized** soil. 081308
of target rape grown on **gray wooded** soils in 078022

GRAZING
semidesert grasses to seasonal rest. [**Grazing**] 078390
management & soil structure. [**Grazing**]. 081158
of clinical infections in **grazing animals.** 075914
Cow-**calf grazing** studies on comparative pas- 074906
of stomach worm infection of **grazing cattle** 075867
catle managed under **continuous grazing** sys- 074896
on behaviour of dairy **cows grazing** para gra- 074573
cattle. II. Forage intake of **cows grazing** on 074988
intake & weight gain of **grazing dairy** calves 074989
as affected by single & **dual grazing** by cattle 074857
Management of **forested grazing** lands in no- 076292
Studies on **intensive grazing** of dairy cattle. 074988
Studies on **intensive grazing** of dairy cattle. 074989
Management of forested **grazing lands** in no- 076292
Simulated **grazing management** systems in r- 078391
on behaviour of dairy cows **grazing para** gra- 074573
flooding on farm income.[**Pastures, grazing**] 073006
of dairy heifer under **rotational grazing.** 074991
in sheep under intensive **rotational grazing** 075592
purpureum. III. **Grazing** & **ruminatio-** 074573
Simulated grazing management systems in r- 078391
Cow-calf **grazing studies** on comparative pas- 074906
managed under continuous **grazing system** fo- 074896
under intensive rotational **grazing system.** 075592
Animal problems in **grazing wheat** & other 076142

GREEN
Study of mineral nutrient value of **greens.** 073724
dynamics of Lepidosaphes pallida (**Green**) 079863
Pattern formation in blue-**green alga,** Anaba- 076940
tRNA synthetases of blue-**green alga,** Anacy- 077325
produced by a blue-**green alga,** Anabaena flos 077339
on spontaneous mutation in blue-**green alga** 077467
heterocyst development in blue-**green alga** 077481
ferredoxin crystals from a blue-**green alga,** 077539
in nitrogen-fixing blue-**green alga** Anabaena 077544
of glucose by unicellular blue-**green algae.** [077331
activity in heterocystous blue-**green algae.** [077333
replica-plating, filamentous blue-**green algae** 077341
mechanisation of farming in **Alpine green** z- 080904
Horizontal planting of **green ash** cuttings lo- 076406
in physiology of blue-**green bacteria** (algae): 077433
in physiology of blue-**green bacteria** (algae): 077434
of a "heterotrophic" blue-**green bacterium.** 077433
of an "autotrophic" blue-**green bacterium.** 077434
perception & recreational uses of **Green Bay** 081878
Pattern formation in **blue-green** alga, Anaba- 076940
of glucose by unicellular **blue-green** algae. [077331
activity in heterocystous **blue-green** algae. [077333
polysaccharides produced by a **blue-green** al- 077339
for replica-plating, filamentous **blue-green** a- 077341
growht of a "heterotrophic" **blue-green** bact- 077433
growth of an "autotrophic" **blue-green** bacte- 077434
on spontaneous mutation in **blue-green** alga 077467
acid & heterocyst development in **blue-green** 077481
Large ferredoxin crystals from a **blue-green** 077539
in nitrogen-fixing **blue-green** alga Anabaena 077544
aminoacyl-tRNA synthetases of **blue-green** a- 077325
Microclimate under **green canopies** & produ- 074475
Confirmation of **citrus greening** disease in 079138
changes during **greening** under **continuous** or 077731
Confirmation of citrus **greening disease** in 079138
Forage plants for **green feed** in dry trans-Vo- 078584
Indias Green Revolution: a myth or a realtiy 073506
Isocitrate lyase in **green leaves.** [Spinach, 077533
Grow legumes for **green manure.** 081274
in dry tract of Bijapur. [**Green manures**]. 081439
Biochemical nature of roots & **green mass** of 077305
characteristics of root & **green material** of 077679
Effect of haymaking of **green material** on ro- 077680
characteristics of roots & **green material** of 077682
characteristics of roots & **green material** of 081036
for control of blue & **green moulds** in orang- 079018
Spring populations of **green peach** aphid on 079803
Green Rebolution & production in Norway. 073237
Green Revolution through multiple cropping 073400
Indias **Green Revolution:** a myth or a realtiy 073506
Green Revolution in Spain. 4. 073534
Growing **salad greens;** some climatological a- 078837
Nursery technology--key to **green survival.** 078727
Greening of **terrace** slopes. [Grape culture]. 078820
1973 berlin "**Green Week**". [Minks, chinchi- 074393

GREENHOUSES
of heating methods. [**Greenhouses**]. 073076
Pinus sylvestris seedlings in **greenhouses.** 076389
grown on gray wooded soils in **greenhouse.** 078022
methods of irrigating pots in a **greenhouse.** 078491
Biological control in **greenhouses;** principles 079856
structures. 3. Installation of th e **greenhouse** 080724
performance & potentials. [**Greenhouses**]. 080732
for regulation of air regime in **greenhouses.** 080735
Shape & construction of **greenhouses.** 080765
carbon dioxide exchange in **greenhouses.** 080766
Transport system in **greenhouses.** 080770
Transportation system in **greenhouses.** 080771
of heating methods. [**Greenhouses**]. 080772
tunnels for West Virginia. [**Greenhouses**]. 080796
Watering in **greenhouse.** [Equipment]. 080878
in growing vegetables in **greenhouses.** [Tran- 080954
grown on gray wooded soils in **greenhouse.** 081063
waste warm water for heating. [**Greenhouses** 080743
ringspot virus on **glasshouse carnation** cultu- 079172
multiple reservoir & **greenhouse complex.** 080744
gamma-rays under **greenhouse conditions.** 079874
of calculations for **greenhouse construction.** 080769
high & stable yields in **greenhouse cucumber** 078691
economic aspects of **greenhouse culture.** 078690
a new exhibition for **greenhouse culture** equ- 080786
dioxide fertilization in **greenhouse culture.** 081390
Glasshouse evaluation of some systemic fung- 078905
production in plastic **foil greenhouses.** 078692
production in plastic **foil greenhouses.** 078693
on winter flowering of **greenhouse grown** ro- 078033
power generation. [**Greenhouse heating**]. 080745
wheel drive tractor & **greenhouse industry.** 080983
solani under **laboratory, greenhouse** & field 079027
Tetranychus urticae) on **glasshouse roses.** 079843
Laboratory & **greenhouse tests** on varietal s- 079418
leaves infested with **greenhouse whitefly** (Tr- 079850

GREGARIA
tendency of locusts **Schistocerca gregaria** af- 080328

GREGARINA
parasitic specificity of **Gregarina acridiorum** 080157

GRINDELIA
SEE COMPOSITAE

GRINDING
Effect of degree of **grinding bark** into small 081288
Studies on **grinding** of **cacao** beans kernels. 073903
Studies on **grinding** of **cocoa** bean kernels. 073905

GROUND
saligna with irrigation from **ground.** 076350
machines stay with both feet on **ground.** 080905
Kraft mill fallout & **ground beetle** populati- 080197

records of seven species of **ground beetles** (080506
Ground covers: selection & use. 078860
of loose silty sand at **different ground** water 081211
zinc, iron, & copper in above-**ground mass** & 077305
Microbial quality of **ground poultry** meat. [073662
Soil composition & **ground preparation.** [Fr- 081572
on onto-genetic changes of **ground substance** 074619
efficiency of air & **ground treatments** in oil 079836
Effect of depth & quality of **ground water** on 081101
Ground water-table fluctuations & measures 081630
aspects of rise of **ground water** due to canal 081634
Investigations on **ground water** salinization 081698
Ground water in perspective. 081725
of underlying soil strata. [**Ground water** pol- 081813

GROUNDNUTS

cup shaped leaflet mutant in **groundnut.** 077156
translocation of nutrients in **groundnut** (Ara- 077833
plant spacing on performance of **groundnuts** 078339
difference in proteins of **groundnut** (Archis 078397
work carried out on **groundnut inprovement** 078263
of yield response of **groundnuts** to **single** & 081344

GROUNDWATER

Groundwater in Little **Chino** Valley, Arizona 081603
patterns in regional **groundwater flow.** 081749
Behavior of **groundwater flow** subject to time 081750
of using **groundwater** for **irrigating** farm cro- 073109
excess due to **groundwater overmoistening.** 081234
Groundwater quality in cortaro area northw- 081740
Groundwater report for 1971. 081673
mineralization of river **water, groundwater** 081596

GROUP

of resistance to **subgroup** C **leukosis**-sarcoma 074747

GROVES

microclimate: Problem of **groves.** 072732
energy of Betula forests of **birch-grove** forest 078199
caused by Godronia **multispora Groves** on y- 079081

GROWERS

among San Joaquin Valley **cotton growers.** 073131
Effect of low protein & skip-a-**day grower** d- 075055
calendar for commercial small **fruit growers** 079336
for commercial apple & **peach growers.** 079335

GROWING

Effects of training (**growing**) systems on yie- 078741
l oil of some species of **Achillea growing** in 077593
A new concept in **apple growing.** 078666
of Pinus caribaea from main **growing areas** 076548
Soil **bacteria growing** in plain-agar plate. 081119
Growing bananas. 078718
long-term problems of sugar **beet growing** & 078786
Sugar-**beet growing** & harvesting machinery 080822
Growing Bromeliaceae for use at defined da- 078712
of methods & organization in **bulb growing.** 072922
Cassava growing in Thailand. 078580
varieties for intensive sweet **cherry growing** 078705
pohopshorus in **growing chickens.** 074763
amino acid requirement of **growing chickens** 075058
gross protein value with **growing chicks.** I. 074987
Lysine requerement of **growing chicks** fed se- 075057
Growing Christmas trees as a business vent- 076243
Classification of **citrus growing** districts by 078825
Growing conditions of grain soybeans & its 077892
of applied research on **cotton growing** in Se- 078292
Classification of citrus **growing districts** by 078825
Results & goals of fruit-**growing economics.** 073185
contents effected by **growing environments** in 077796
A study on cost of **growing** & **fattening** butc- 072993
per pen on performance of **growing-finishing** 074455
Roasted soybeans in **growing** & **finishing** die- 074902
feeding programs for **growing** & **finishing** pi- 074905
per pen on performance of **growing-finishing** 075106
Results & goals of **fruit-growing** economics. 073185
Climate & **fruit growing.** 078184
of herbicides in vegetable **growing, including** 079514
saponin of Poterium **lasiocarpum growing** in 077392
from seed. 24. Testing & **growing limber** & 078201
of Pinus caribaea from **main growing** areas 076548
factors in continuous **maize growing.** 079400
Hardwood bark--a **growing medium** compon- 078831
Growing melons under plastic covers. 078841
acids in feed rations of **growing minks.** 075070
British apple & **pear growing** & Common 073239
Growing peas. 078624
One viewpoint on **growing peas.** 078845
commonly applied to **growing plant.** [Swine] 076128
chemicals commonly applied to **growing pla-t.** 076127
characteristics of some grass **plants growing** 076890
reference to influence of **growing plants.** 081376
Drive to implement intensive **potato growing** 078313
Secrets of **growing potted** chrysanthemums. 078713
Experience in **growing prospective** varieties 078558
Tomato & **redpepper growing** in sheltered a- 078828
Results from **rice growing** without irrigation 078264
Growing rice with sprouts obtained without 078562
on dwarf & vigorously **growing rootstocks** in 078195
Growing salad greens; some climatological a- 078837
of added rainfall during **growing season** in 081594
Organization of **seed growing** of grain & ha- 077119
Growing seed potatoes. 078754
of organic substances in **growing shoots** of c- 076220
Results obtained in **soybeans growing** at Sta- 078468
of harvesting works in **soybeans growing.** 080943
developments concerning **soybeans growing** 081691
Possibility of **spice growing** in Alberta. 078875
Growing strawberries in Spain. 078838
Growing strawberries in Spain. 2. 078842
Growing suitable seed potatoes. [Varieties]. 078715
irrigation & fertilizing in **growing sunflower** 078485
concerning soybeans **growing technology** un- 081691
Tobacco growing at Agricultural Production 078464
Growing tree fruits & nuts in home orchard 078774
investigations on **utilzation, growing** & bree- 077150
of yields of barley under **various growing** co- 077947
Labor-saving in **vegetable growing.** 1. Mech- 078674
*** 078677
Vegetable growing in Znojmo district. 078873
Use of herbicides in **vegetable growing,** incl- 079514
Mechanization of outdoor **vegetable growing** 080953
Specialization in **growing vegetables** at Unif- 078874
organization in **growing vegetables** in green- 080954
varieties on dwarf & **vigorously growing** roo- 078195
of fertilizers on yield in **wheat growing.** 077893

GROWTHS

fiber development in cattle during **growth.** 074587
Feeding of swine in various stages of **growth** 075097
its use by gramineaes during their **growth:** 077684
de Vries. I. Vitamin requirement for **growth,** 078999
Dynamics of **growth** & **accumulation** of alka- 077576
Growth analysis studies of sugarbeet. 077714
On possibility of **growth analysis** application 077945
to date of sowing. 2. **Growth analysis.** 078167
On possibility of **growth analysis** application 081708
Study of dynamics of **growth** of **annual** shoo- 078024
of soil fumigation on **growth** of **apple** & che- 077996
Classification of forest **growth areas** & silvi- 076826
pea at initial stage of **growth** under **aseptic** 077887
Decline & **growth** after **autumn** planting of 076384
activities during **axenic growth** & differentia- 077357
Ecology of **growth** in **Beckeropsis** uniseta (077705
of protein level in feed on **growth** of **broiler** 074874
Lateral **bud growth** in Mangifera indica L. in 077976
Growth of **cage** reared turkeys. 074750
Growth of **calluses** on fruit trees grown toge- 078090
Cell growth & cell development. 076966
rooting media in plant **growth chambers.** 077297
Effect of aluminium on **growth** & **chemical** c- 077687
Effect of season of **growth** on **chemical** com- 078221
Comparative growth rates of aquatic stages 080039
Cooperative growth: trends, comparisons, st- 072939
Low cost plastic-film **covered growth** tunnels 080796
photosynthetic activity, & **crop growth** rate 077763
Apple rootstock studies: **growth** & **cropping** 078672
An approach to **growth curve** analysis. [pas- 077631
to compensate for early **growth depression.** 074722
Professionally related **growth development** 072633
More information for **growth development** 072728
ursi in Lithuania. 6. **Growth** & **development** 077307
Growth & **development** of Mediterranean C- 077413
Rate of **growth** & **development** of Heracleum 077465
two boron levels. I. **Growth** & **development** 077666
silo plants. 1. **Growth, development** & chem- 077681
chloride (CCC) on **growth, development** & p- 077755
chloride (CCC) on **growth, development** & p- 077756
chloride on **growth development** & winteriza- 077890
shoot in relation to **growth** & **development.** 077978
Growth & **development** of strawberry from 077990
conditions on **growth** & **development** of koh- 078012
ethy-l-nitrosourea on **growth** & **development** 078152
of plant density on **growth, development** & 078340
dates & rate on **growth, development** & yield 078375
of temperature on **growth, development** & r- 079311
response of stocks with **different growth** rat- 074715
regulators for **growth** & **differentiation** of is- 077704
Distribution, growth & utilization of econom- 076379
of microflora during **growth** of **ducks.** 074775
Dependence of **growth dynamics** & formation 078013
Investigation of **growth dynamics** & flower 078064
chicken to compensate for **early growth** dep- 074722
selection of cereals. I. **Growth** of **embryo** ro- 077741
selection of cereals. II. **Growth** of **embryo** r- 077742
Changes in **endogenous growth** regulating s- 077978
Changes in **endogenous growth** regulators in 078223
Chances of survival & **growth** of **Enterococci** 073686
Growth & **enterotoxin** production by various 073640
Effects of trace elements & **growth factors** 078140
for beef cattle for **growth** & **fattening.** 074930
acidophilus in chicks on **growth, feed** conver- 074720
in relation to location of **growth** & **field** te- 078993
of center-pivot sprinklers on **firm growth** in 072969
with implications for **firm growth.** [Wyoming 081757
of center-pivot sprinklers on **firm growth** in 081760
Flax growth in Cecil soil containing mordant 077673
Chemical control of **growth** & **flowering** in 077977
Growth focii strategy: its application to sou- 073539
Classification of **forest growth areas** & silvi- 076826
on physiology of flowering & **fruit growth** in 077974
as inhibitors of **fungal growth** & metabolism 077483
Future growth of milk production in Northe- 073509
Germination & **growth** of **germinating** plants 079061
Germinationand growth-inhibitors in relation 077751
Evaluation of **growth** of **grafted** spruce plants 076226
of nitrogen & moisture on **growth** & **grain** p- 077732
Cucumis sativus L.) for **hastening growth.** 078013
Growth of **health** food sales in super market 073211
Height growth of Norway spruce stands in 076282
Height growth of shortleaf pine progenies f- 076330
Plasma insulin & **growth hormone** in dairy 074504
subzero temperature: **growth hormone,** gluc- 074537
Effect of **growth hormone** on milk producti- 074962
GH, [Luteinizing hormone, **growth hormone** 075350
conditions of **growth** on some **indices** of stru- 077913
Rehydration versus **growth-induced** water u- 077856
Experiments to **inhibit growth** of winter rye 078671
investigation on effect of **growth inhibiting** 079677
Growth inhibitor from root cap of Zea mays 077880
Germinationand **growth-inhibitors** in relation 077751
Use of **growth inhibitors** in wheat culture. 077819
Growth-inhibitory volatile aromatic compou- 078119
a new class of potent **insect growth** regulato- 079643
important conditions for **growth** of **labor** pr- 072956
Life cycle & **larval growth** of Drusus annuat- 080411
with details of life history & **larval growth** of 080532
Leeks--growth & development. 078714
variations of intensity of **longitudinal growth** 077916
in synthesis of colouring **matter, growth** & r- 077096
feeding of lambs. II. **Growth** of **Merino** lam- 074869
by conditions of **growth** & by **metabolic** inh- 077435
Investigations on **growth** & **metabolsim** of c- 078140
chickens. 1. Effect on **growth** & **mortality.** 076133
fruiting on tree **growth, nutrient** composition 078019
with air temperature on **growth** & **nutrition** 078017
Stimulation of **growth** in **Ocimum** kilimands- 077344
Growth performance & **optimum growth** of 076262
Growth & **overwintering** of exotic species u- 078220
phosphorus fractions during **paddy growth** u- 081427
Influence of difference of **growth pattern** on 077788
Growth pattern of Burley 21 tobacco & ass- 077925
Dynamics of **pear growth** & iron chlorosis p- 079322
room testing on **growth** & **performance** of b- 074738
Growth performance & optimum growth of 076262
of N, P & K content during **growth period** 077790
trees & almonds during **growth period.** 078187
Growth periodicity of coffee. 077590
temperatures on **growth** of **Petunia,** Tagetes, 078034
bacteria (algae): **photoheterotrophic growth** 077434
A period of **phytoplanktonic growth** near N- 077476
Growth of **piglet** crossbred of various breeds 074765
In situ studies of **growth** & **pigmentation** of 077414
Contribution to study of **growth** of **Pinzgau** 074528
diring germination & **growth** of **Pisum** sativ- 078189
between rooting media in **plant growth** cha- 077297
Herbicides & **plant growth** regulators. 077417
on soil properties & **plant growth.** 077418
Plant growth & physiology of vegetables as 078023
Production in culture of **plant growth** regula- 078988
Herbicides & **plant growth** regulators. 079472
on soil properties & **plant growth.** 081082
of site preparation on **growth** of **planted** So- 076340
of maleic hydrazide on **growth** of **plants.** 077611
Development & morphology of **growth plates** 074782
Application of **growth pole** concept to devel- 073540
of planting on rooting & **growth** of **poplars** 078207
Contribution to study of **postnatal growth** of 074524
Postnatal growth & involution of thymus in 074779
On **potential growth** of Betula pubescens on 076396
Factors in **growth** of **production** & reducing 073013
of Programme of Plant **Production Growth.** 081461
between **growth** of **productivity** & wates on 073097
mathematical study of **growth** & **productivity** 077431
mathematical study of **growth** & **productivity** 077432
Business strategies for **growth, profit** & clie- 072788
germination & young **protonema growth** of 077488
Multivariate analysis of **radial growth** of bl- 078200
study in preparing for long **range growth.** 073257
on development & **growth** of **rat** bones & te- 074970
Dynamics of **growth rate** of calves--twins in 074776
Increasing feed efficiency & **growth rate** of 074899
Seasonal changes in **growth rate** of duckweed 077404
photosynthetic activity, & crop **growth rate** 077763
of stocks with different **growth rates** to thio- 074715
to genetic improvement of **growth rates** in 076338
Early relative **growth rates** of six lettuce cul- 077995
Comparative **growth rates** of aquatic stages 080039
black polyethylene sheets on **growth** of **red** 078746
Changes in endogenous **growth regulating** s- 077978
in culture of plant **growth regulating** substa- 078988
of plant protection & **growth regulators** in f- 073617
Herbicides & plant **growth regulators.** 077417
of phytohormones (**growth regulators**). [Fruit 077595
Importance of **growth regulators** for growth 077704
cotton harvests with **growth regulators.** 077894
various bioassays of plant **growth regulators.** 077932
of fruit production. [**Growth regulators**]. 078051
trees on application of **growth regulators.** 078066
Endogenous levels of **growth regulators** & t- 078098
Changes in endogenous **growth regulators** in 078223
Effects of some **growth regulators** on yield 078305
rye with application of **growth regulators.** 078671
Action of **growth regulators** on lawns: First 078680
Herbicides & plant **growth regulators.** 079472

new class of potent insect **growth regulators** 079643
of plant protection & **growth regulators** in f- 080072
new class of potent insect **growth regulators** 080299
Rhineland: Professionally **related growth** de- 072633
Early **relative growth** rates of six lettuce cul- 077995
Relative growth of normal & regenerated le- 080414
Growth response of stocks with different gr- 074715
enteritis/bronchitis: **growth responses** & dis- 075914
in relation to shrub **growth responses.** 078391
abscisic acids & **growth retardant,** CCC [(2- 077883
susceptibility in relation to **growth rhythm** 077970
Root growth in propagation. 077473
Autoregulation of **root growth** during early 077938
of soil on dynamics of **root growth** of Prunus 078065
growth substances on shoot & **root growth** of 078083
Inhibition of **root growth** as a result of met- 078128
between tuber formation & **root growth** in o- 078186
with endotoxin on **growth** of **saphire** mink w- 075593
Seed growth in a pine nursery in Central S- 076357
on time course of wheat **seedling growth.** 077867
Variation in **growth** of **seedlings** & clones of 077613
Growth, sex expression & yield of squash m- 078095
on effect of malformation on **growth, sex** rat- 079220
sap from apple trees on apple **shoot growth** 078057
Preliminary studies on **growth** of **shoots** & t- 077980
of light intensity during **growth** of **Sinapis** a- 077621
depending on variety & **growth** in soil clima- 074231
day) oviposition rhythm & **growth** of **spring** 080331
Results of studies on **growth** of **spruce** speci- 076392
of superphosphate on **growth** of **steers.** 075075
for antibiotics & other **growth stimulants** in 074612
concerning effect of **growth stimulants** on sp- 078211
Feed additives that **stimulate growth.** [Swine 075101
contents for chicks. 1. **Growth studies.** 075064
weight as size measures for **growth studies** in 076245
petroleum-based **growth substance.** 077720
Growth substances in some mycorrhizal, pa- 077373
A study on effect of **growth substances** on c- 078082
artificial light periods & **growth substances** 078083
Studies on roles of boron in **growth** & **sugar** 077834
Growth & **survival** of perennial tropical gras- 077774
L. with respect to success, **survival, growth** 078605
Maine Tree **Growth Tax** law. 076284
Effect of **temperature** on **growth** of S.170 ta- 077766
emergence on **growth** of **timothy,** orchardgr- 077645
conditions on **growth** of **tobacco** plant. I. Ef- 077739
conditions on **growth** of **tobacco** plant. II. E- 077740
of related enzymes during **growth** of **tobacco** 077854
other leaf injuries on **growth** of **tobacco.** [Co- 079052
lighting on post-**transplant growth** & develo- 077658
Maine **Tree Growth** Tax law. 076284
application & fruiting on **tree growth,** nutri- 078019
virus complement on apple **tree growth.** 079181
pollen germination & pollen **tube growth** in 077398
In vitro germination & pollen **tube growth** of 077879
Low cost plastic-film covered **growth tunnels** 080796
on **growth** of **undernourished** children. [India 073714
on course of nutrient **uptake, growth** & deve- 077886
Studies on performance & **growth** of **various** 078167
temperature on **vegetative growth** in east of 077428
Effects of temperature on **vegetative growth** 077739
on yield, fruit weight & **vegetative growth** of 078742
Survival **versus growth** of a faculative psych- 073568
Rehydration **versus growth**-induced water u- 077856
of benzyladenine on **growth** of **waterlogged** 078141
Weather, growth of grapes, diseases, pests 078197
treatment on emergence & **growth** of **weeds** 077921
feeding of broiler mash on **growth** & **weight** 074863
density & aggregate size on **wheat growth.** 077753
of protein & energy intakes on **wool growth** 074868
live body mass changes & **wool growth** of D- 074999
polyphosphate on **growth** & **yield** of spring 077633
potassium & irrigation on **growth, yield** & f- 078070
Effect of irrigation on **growth** & **yield** of app- 078072
Effect of rootstock on **growth, yield** & quali- 078171
Effect of crown shape on **growth, yield** & fr- 078740
weed control on **growth** & **yield** of lowland ' 079473
different tillage methods on **growth** & **yield** 081528
of soil compaction on **growth** of & **yields** of 078458
Survival of cedar **young growth** in fellings of 078210

GRUBS
artificially infested with **cattle grubs** Hypod- 079998

GRYLLIDAE
Acheta domesticus (Orthoptera: **Gryllidae**). 080220

GUANIDINES
of lysozyme with **guanidine hydrochloride.** 074064
determination in **guanidine hydrochloride** or 080664

GUAVAS
indolebutyric acid] in air layering of **guava.** 078793
antonii S.] on some varieties of **Guava.** 079833

GUIGNARDIA
SEE SPHAERIACEAE

GUM
developments in chewing gum, **bubble gum** 073825
developments in chewing gum, **bubble gum** 073826

GUMMOSIS
of Eutypa armeniacae. [**Apricots, gummosis**] 078916

GUSTATORY
SEE TASTE

GUTTIFERAE
compounds of certain species of **Hypericum** 077579

GYMNODINIUM
red tide organism, **Gymnodinium breve,** thr- 079447

GYPSUM
its agreement with **actual gypsum** needs of a- 081139

GYRINIDAE
appendages of whirligig beetles (**Gyrinidae**). 080160

HABITATS
between mass of **breeding habitat** & synanth- 079987
A **restricted habitat** for mushrooms (Agaric- 076630
communities in forest & **sawmill habitats** on 079102
Linn.F.) F. N. Will. **Habitat variants**-ecads. 076850
Eifel based on study of **vegetation habitat.** 076826

HABITS
Studies on food & **feeding habits** of soil Ori- 080375
Catching ethnic flavor. [**Food habits**]. 073734
feeding: New Orleans style. [**Food habits**]. 073735
Food **habits, food** faddism & nutrition. 073799
a more acceptable lamb! [**Food habits**]. 074588
details of its **mycorrhizal habit.** 076894
Notes on **predaceous habits** of gray field slug 079809
Habits of **swine.** 074788

HABRONEMA
of horse caused by **Habronema megastoma.** 075759
of horse caused by **Habronema megastoma,** 075760

HAIL
Is **hail control** possible? 072639
Prevention of frost & **hail injuries** to fruit t- 079358

HAIR
properties of **trichobothria** in **bug** Pyrrhocor- 080313
supplementation on **hair** of **chronically** mal- 073707
of milking on fleece weight, **cotts, hairiness** 074638
L.). XII. Inheritance of **hairiness** of **floral** g- 077199
species with short **mallotium hairs.** 076788
aminoacid composition of **rabbit hair.** 074701
of multiple mutant sectors in **stamen hairs** of 077082
with direct gamma rays in **stamen hairs** of 077130

HALOPHILISM
in osmotic regulation of **halophilic alga** Dun- 077534

HALOPHYTES
freezing tolerance of **halophyte Halimione** 077475

HAM
Composition of Bierschinken. [**Ham**]. 074017

HAMATUS
dubius, Paratylenchus **hamatus, Filenchus** fil- 081035

HAMSTERS
Susceptibility of mammalian (**hamster**) cell 075809
virus in golden **hamster breeds.** 075866
formation & first cleavage of **hamster ova.** 075273
hepatica from donor mice & **hamsters** to **rats** 075837

HAND
Streptococcus faecalis on **hands** of **personnel** 073656
Using **hand signals** for agriculture. [Safety] 080694
of Japanese power tillers & **hand tractors** of 080808
of Japanese power tillers & **hand tractors** for 080809

HAPLOIDS
homologous associations of **haploid barley** c- 077040
cytokinins on production of **haploid embryos** 077620
Inducing haploidy in potato. 077164
Studies on **haploid method** of breeding by a- 077031
Studies on **haploid method** of breeding by a- 077032
A spontaneous **haploid plant** of Trillium sma- 076944
mice in comparison to a **prototrophic haploid** 077137
resistant cell lines from **haploid tobacco.** 077146

HARDBOARD
Hardboard from **basswood** bark. [Tilia]. 076471
properties to dry-**formed hardboards.** 076521

HARDINESS
of frost during blossoming of **hardy fruit** tre- 078178
with soft winter wheat & **winter hardiness** of 077192
varieties differing in their **winter hardiness.** 077948
Winter hardiness of intervarietal wheat hyy- 077949
Kay orchardgrass moderately **winter hardy.** 078331

HARDNESS
On "**hardness**" of seeds of Sida hermaphrod- 077463
on peeling quality & flavor of **hard-cooked** s- 074076
to study of **hardness** of **Hedysarum** coronari- 077843
physical properties, & baking of **hard red** w- 074099
on milling & baking properties of **hard red** 074100
desiccation experiments with **hard red** spring 077659
of seed growing of grain & **hard seed** Legum- 077119
electronic feeding & collection of **hard** & **soft** 074844
causes of weediness with **hard winter** wheat 079551

HARDWOODS
up to 1 October 1972. II. **Hardwoods** (tem- 076447
wounds in young beech & other **hardwoods.** 076475
of nematode communities. [**Hardwoods**]. 079320
Hardwood bark--a growing medium compon- 078831
on response of plum **hardwood cuttings** to I- 078056
Studies on entomofauna of **hardwood depots** 079917
Genetic improvement of **hardwood fiber** pro- 076415
in woody plants. [**Hardwoods, Pinus** taeda] 079608
Optimization of **hardwood pulp** usage by cal- 076527
from woodlands. [**Hardwoods, United** States 079315

HARROWING
Trials with Skalsvans, 24 **plate harrow.** 080993
results obtained with a spade **rolling harrow** 080835

HARVEST
comparison of brewing barley from **harvest** 074094
acetic acid before & after **harvest.** 074250
of nitrogen application & time of **harvest.** 077648
ethylene releasing agent prior to **harvest.** 077926
Sugarcane: From planting to **harvest.** 078346
by exposure to weather during **harvesting.** 078542
to mechanized crop production & **harvesting** 080934
wheat, Triticum aestivum L. [**Harvesting aid** 077659
yield & overnight losses in **harvested alfalfa** 077651
modern mechanization in **apple harvesting.** 080896
mangoes by pre-**harvest application** of fungic- 078889
1972 sugar **beet harvest.** 078530
Tractors for sugar **beet harvesting.** 080924
Research in sugar **beet harvesting.** 080960
combine harvesters during **harvest campaign** 080850
aspects of mechanical **cane harvesting** in Qu- 072995
concerning mechanical sweet **cherry harvest** 080876
Cotton harvesting & hauling practices & cos- 073083
Better **cotton harvests** with growth regulato- 077894
in orchardgrass sward. [**Dactylis, harvesting,** 078400
Effect of **harvesting dates** & ripening condit- 078505
sge of grass stand & **harvesting dates.** 078511
Effects of **harvesting dates** in fiber yield & 078531
associated with post-**harvest dormancy** in ba- 073916
Hay **harvested early** yields a higher quality 074345
Use of self-levelling **harvesting equipment** on 073092
findings. [**Harvesting equipment**]. 080857
mowing in free cuts. [**Harvesting equipment**] 080913
Machinery]. I. Forage **harvesting equipment** 080947
vegetable growing. [**Harvesting equipment**]. 080953
A machine **facilitating harvesting** of cauliflo- 080875
sward. [Dactylis, **harvesting, fertilizers**]. 078400
in Mississippi Delta during **first harvest,** 19 072905
Each year **fodder harvest** is also a crucial te- 080900
Use of tractors in **fodder harvesting.** 080922
Machinery]. I. **Forage harvesting** equipment 080947
Harvesting of **fruits:** uses & abuses. 078833
Trends in mechanization of **grain harvesting** 080842
Mechanization of **grape harvesting:** A new 080866
economic efficiency of **harvesting** & **handling** 072905
mechanization in **harvesting** & after-**harvest** 080925
Hay harvested early yields a higher quality 074345
Considerations about **hay harvest** of 1973. 078349
Modern methods for **harvesting** of **hay.** [Equ- 080852
Use of self-**levelling harvesting** equipment on 073092
Sugar-beet growing & **harvesting machinery** 080822
in **harvesting** & **manufacturing** equipment m- 076419
Mechanical harvesting of flue-cured tobacco. 078540
Mechanical harvesting, raisin grapes--an eva- 078643
Mechanical harvesting of beans in European 080811
Mechanical harvesting of strawberries; resul- 080974
achievement of **mechanized harvesting** of ve- 080961
Harvesting methods & their possibilities of 078670
Harvesting of **olives:** how to reduce costs. [078756
particles of Theileria **parva harvested** in var- 075710
Harvest performance of radishes. 078721
problems associated with **post-harvest** dorm- 073916
characteristics of production & **post-harvest** 074209
problems associated with **post-harvest** dorm- 077959
characteristics of production & **post-harvest** 078525
Post-harvest treatments for control of blue 079018
for tractors in **potatoes harvesting.** 080923
in Alphonso mangoes by **pre-harvest** applica- 078889
Harvesting & **preparation** of fieldgrown tom- 078709
results from **harvesting** & **processing** of who- 078317
Mechanical **harvesting, raisin** grapes--an eva- 078643
maize: Conclusions from **harvests** of **recent** 078321
in cotton seeds at **harvest** in **relation** to loca- 078993
A review of **harvesting rights** controversy on 076283
growing. 3. Sowing & **harvesting** of **root** cro- 078676
Quality of **rye harvest** in 1972. 074114
for planting maize for **second harvest.** 080957
Conclusions form rape-**seed harvest** 1972. 078322
characteristics of fruits & **seeds harvested** at 078262
as related to two-**stage harvesting** white clo- 078453
harvesters & **harvesting technology** in Byelo- 080837
Timber harvesting & marketing on way to i- 076453

Mechanization of **timber harvesting** in Neth- 076499
Timber harvest 1980: vision of visions. 076500
to different planting & **harvesting times.** 078532
A new machine for **harvesting** of **tomatoes** w- 080981
Studies on **harvesting, transport** & storage of 074248
Organization of **harvesting & transport** of s- 076310
Studies on **harvesting, transport** & storage of 078596
Harvesting transports of sugar beet leaves [073007
of production & post-**harvest treatment** of c- 074209
in harvesting & after-**harvest treatment** of v- 080925
Post-**harvest treatments** for control of blue 079018
weather in Austria on durum **wheat harvest** 078978
as related to two-stage **harvesting white** clo- 078453
Mechanization of **harvesting works** in soybe- 080943

HARVESTERS
manufacture of KS-6 sugar **beet harvester** & 072808
Chopper harvester trials in Central District 080804
Possible utilization of **combine harvesters** d- 080850
Loss measurements of **combine harvester.** 080851
Developments in **corn harvester** machinery. 080816
II. Self-propelling **ensilage harvesters.** 080944
agriculture: new **International Harvester** (080861
Design of **KS-6 harvester** & loader. 080819
made with KS-6 **harvester & loader.** 080821
A **mechanical harvester** for stalk-cut tobacco 080971
Specializedpotato harvesters & harvesting t- 080837
distances of **harvesters & transport** vehicles 080844

HARVESTMEN
representative of **Laniatorid harvestmen** from 080639

HATCHERIES
Safety regulations in **hatcheries.** 080700

HATCHING
Trichogramma spp. in reducing **egg hatch** of 079699
revenues in production of **hatching eggs** in l- 073072
record books: production of **hatching eggs** fr- 073355
laying performance on **eggs hatchability.** 074576
revenues in production of **hatching eggs** in l- 075321
Effect of aldicarb on **hatching** of **Heterodera** 079351
Hatching of **Meloidogyne** incognita eggs in 079312
effects of environment on **hatch, movement** 079310
vitamin E on egg **production, hatchability** & 075066
Shape index **versus hatchability** of fertile eg- 075324

HAULING
Hauling equipment in forestry. 076497
Cotton harvesting & **hauling practices** & cos- 073083
Contemporary state of **timber haulage** in fo- 076491
an air cushion as a trailer for **hauling timber** 076503

HAULM
quality of seed potatoes after **early haulm** r- 078781

HAY
Modern methods for harvesting of **hay.** [Equ- 080852
intake of irrigated first-crop **alfalfa hay.** [S- 074856
tower--alternative to conventional **hay barn.** 080751
Pelleting of grass meal & **chopped hay.** 074371
on yield & quality of red **clover hay.** 081309
grass hay & mixed grass **hay composed** main- 074990
peach trees to chemical weed **control, hay** 078681
Methods, Efficiency & Cost of **Copped hay** 074329
What it costs in time & money to **cut hay.** 073060
Hay--an **excellent** feed supplement while on 074944
Considerations about **hay harvest** of 1973. 078349
Hay harvested early yields a higher quality 074345

HAYING
Losses in **haymaking.** 078355
knotweed. 10. Effect of **haymaking** of **green** 077680
Preparing **haymaking machinery** is not a si- 078252

HEAD
females by microscopic preparations of **head** 080586
Successful storage of **headed cabbage.** 074273
A comparative anatomy of **insect head.** IV. 080401
Repair of a lateral radial **head luxation** by r- 075565
New downy **mildew heads** for Cornbelt. [Sc- 078956
ot study of exterior of **head** of **workers** of h- 080684

HEALTH
liquidity; it's a clue to your coop's **health.** 072911
Reviews relating to food, nutrition & **health;** 073801
glucose content in **healthy & acetonanemic** 076065
OSHA. [Occupational Safety & **Health Act,** 076244
medicine in New Zealand. 2. **Animal health** 075530
Pasture feed & **animal health.** [Cattle]. 076129
in New Zealand. 2. **Health** of **animals.** 075524
fractions of blood serum in **healthy baby** pigs 074827
Changes in **health behavior** & opinions amo- 072683
Fruit juice-flavoured milk, a **healthy bevera-e.** 073776
of glycogen in liver cells of **healthy cattle** & 075990
using cyclophosphamide on **health condition** 074813
framework of public **health conditions.** 073608
public **health considerations.** 075661
Sugar consumption & a **healthy diet.** 073780
Health & disease problems of cows in calf 075383
Soil pollution & **environmental health.** 081839
Milk, a **health factor.** 073773
Growth of **health food** sales in super market 073211
of improvement of state of **health** of **forests** 076213
Evaluation of human **health hazards** on use 080131
in evaluation of human **health hazards** on use 080132
Health hazards. [Pesticides]. 080150
A dairy **herd health** programme; summary of 075512
Evaluation of **human health** hazards on use 080131
safety in evaluation of **human health** hazards 080132
On problems related to **implementing health** 075495
Once again: **health insurance** of farmer. 072682
role in national & **local health** programs in 075519
of dry amide beet pulp on **health & milk** yie- 075169
State of **health** among **mink,** 1972. 075466
A dairy herd **health programme;** summary of 075512
role in national & local **health programs** in 075519
hygiene within framework of **public health** 073608
Toxoplasmosisclinical & **public health** consi- 075661
Tobacco & **health related** research involving 077132
in facilitating tobacco & **health research.** 077806
slaughtered in Sicily; **health & sanitation** co- 073562
of methods of selecting **healthy seed** potatoes 079211
Proceedings of Tobacco & **Health Workshop** 073644
Proceedings of Tobacco & **Health Worshop** 073642
department of **health** in New **Zealand.** 073742

HEARING
study on **hearing & vocalization** in Gullus d- 074718

HEART
Heart. [Dogs, surgery,]. 075479
synthase phosphatase from **bovine heart:** Ac- 074558
patient with acquired & **congential heart** dis- 075545
peptide bond in horse **heart cytochrome.** 074623
recording from in situ working **dog heart** in 074514
Treatment of **heart failure** in dogs without u- 076086
Estimation of liveweight from **heart girth** wi- 074602
Congenital location of **heart** in **neck** (situs c- 076046
Cardiac glycosides **(heart poisons)** in polka- 079845
of hypothermia on **heart & respiratory** resp- 074656
Indications for **heart surgery.** [Dogs]. 075536

HEARTWOODS
xylem in relation to **heartwood formation** in 078205
in sapwood & **heartwood** of **Robinia** pseudo- 078229
Studies on utilization of **spent heartwood** of 076484

HEARTWORMS
Heartworm infection. [Dirofiliaria immitis, 075821

HEAT
complex using waste warm water for **heating** 080743
in winter wheat as affected by **heat activity** 077176
An **adjustable heat** source for piglet house: 080791
Feeding of brickets & cobs from **hot air** dri- 075015
Installation of th e greenhouse. 1. **Hot air** h- 080724
of mango fruits subjected to **hot aqueous** et- 073561
defleecing. 3. C. Activity of **heat bacteria** on 074045
Corn maturity & Ontario **corn heat** units. 077728
Hints for **heat decanting** of unfermented mu- 074065
Microbiological study of **heat defleecing.** 3. 074045
certain additives on **heat denaturation** of tu- 074067
What to expect when you use **heat detection** 075244
Electrical heating of massecuites. 074210
Use of electric & **heat energy** by agriculture 080737
Environmental heat & partial water restrict- 074658
systems for electric **floor heating.** 080791
Heat flux measurement during processing of 073997
Electrophoretic study of **fresh, heated,** spray 074073
from lumber industry for **heat generation.** 076449
hen houses with use of TG-1 **heat generator** 080793
Effects of **heat & glucagon** on plasma glucose 074737
power generation. **[Greenhouse heating].** 080745
Comparison of direct & **indirect heating** sys- 073882
Heating by **infrared** rays. [Swine houses]. 080776
Effects of **heat & light** crossed gradients ro- 074738
Pilot-scale investigation of **heat & mass** tra- 081825
An antioxidant in over-**heated meat.** [Reser- 074033
Cost comparison of **heating methods.** [Gree- 073076
An antioxidant in **over-heated** meat. [Reser- 074033
On **heat production** of livestock--a contribut- 080718
Effect of cooling milk on **heat-release** of hy- 073964
On degree of drought & **heat resistance** of a- 078195
Use of **heat** to **saponify** xanthophyll esters 074320
Effects of **heat** in **situ** on electrophoretic pat- 077761
Effect of **soil heating** & propagation medium 078213
An adjustable **heat source** for piglet house: 080791
Spontaneous heating in piled wood chips--c- 079141
Electrophoretic study of fresh, **heated, spray** 074073
Effect of **heat stress** on milk production of 074600
non-peak" electric power for **supplying hot** 080774
of direct & indirect **heating systems** for malt 073882
as influenced by **heat, temperature,** & pH [073944
of hen houses with use of **TG-1 heat** generat- 080793
Heat transfer models for a subsurface, water 080741
Effect of **heat treatment** on content of vitam- 074307
Corn maturity & Ontario corn **heat units.** 077728
thermal discharges. [Waste **heat utilization]** 080742
Integrated systems for utilizing **waste heat** f- 080740
of thermal discharges. **[Waste heat** utilizati- 080742
model to study utilization of **waste heat** usi- 080744
of thermal discharges. **[Waste heat** utilizati- 081812
Effects of **hot water** treatments on survival 079317
peak" electric power for supplying **hot water** 080774

HECTARES
Skast marsh there **remain** 1750 **hectares** of 072751

HEDGES
Hedging as a **marketing** tool for western cat- 073341

HEDYSARUM
of hardness of **Hedysarum coronarium** L. se- 077843

HEIFERS
SEE CATTLE

HEIGHT
Height of **attachment** of lower beans of soy 077907
Cutting height effects on competitive ability 078620
Height growth of Norway spruce stands in 076282
Height growth of shortleaf pine progenies f- 076330
of cereal yield by **height measurement** studi- 078296
on yield, weight of berries, **number, height** 078745
Significance of **height provenance** of spruce 076374
of range grasses using **height-weight** ratios. 078290

HELA
to protein & RNA synthesis in **HeLa cells.** 080083

HELIANTHUS
sucrose sybthetase in **Helianthus tuberosus.** 078158

HELICOTYLENCHUS
refuse. **[Helicotylenchus, Criconemoides].** 079305
in Venezuela. **[Helicotylenchus multicinctus,** 079357

HELIOTHIS
hormone analogues with **Heliothis armigera** 079633
survial of tobacco **budworms, Heliothis** vires- 079694
stability of **Heliothis nucleopolyhedrosis** vir- 079708
spp. in reducing egg hatch of **Heliothis spp.** 079699
auxiliaris, Pseudaletia **unipuncta, Heliothis** 080332
traps. [Heliothis zea, **Heliothis virescens].** 079706

HELIX
Helical thickenings in tracheids of Taxus & 076879

HELMINTHOLOGY
Kozar: Medical & **veterinary helminthology** 075980

HELMINTHOSPORIUM
Stop lawn leaf spot. **[Helminthosporium].** 079063
Coryneum **beijerinckii, Helminthosporium** t- 076998
Helminthosporium disease of barley & meas- 079074
Cercospora & **Helminthosporium** of **guinea** 078906
in 1972. **[Helminthosporium maydis].** 077238
rust resistance. **[Helminthosporium maydis]** 078948
in 1972. **[Helminthosporium maydis].** 079085
a pure culture of **Helminthosporium maydis** 076135
leaf spot of rice. **[Helminthosporium oryzae** 078960
of brown spot-**Helminthosporium oryzae** Br- 078961
to damage by **Helminthosporium papaveris** 079023
graminis Sacc. & **Helminthosporium sativum** 079060

HELMINTHS
tartrate against naturally **acquired helminth** 075700
infested with **helminths** as well as **cestodes,** 073696
Helminths & helminthosis in hens of Shum- 075918
mice infected with **helminths Trichocephalus** 075602

HELODIDAE
Contribution to study of **Helodidae).** 080609

HELOPELTIS
of tea-mosquito bug **(Helopeltis antonii** S.] 079833

HELOPHORUS
Pleistocene Helophorus (Coleoptera, Hydro- 080619

HEMAGGLUTINATION
virus & **hemagglutinating encephalomyetlitis** 075619
on production of **hemagglutination-inhibiting** 075584
Agglutination & **haemagglutination studies** 075802

HEMATOBIA
fecundity of adults. **[Haematobia irritans].** 079988

HEMATOLOGY
some **haematological & biochemical** factors. 074813
haematological characteristics of cattle leuk- 075604
hematological characteristics of leukosis in 075608
haematological characteristics of cattle leuk- 075989
haematological characteristics of cattle leuk- 075991
leukemia. 11. **Haematological indicators** of 075603
Hematological indices & reproductive functi- 074826
Japan in 1971; **hematological observation.** 075688

HEMEROCAMPA
Pseudotsuga **menziesii, Hemerocampa** pseu- 079914

HEMIBERLESIA
with latania scale. **[Hemiberlesia lataniae].** 079794

HEMICELLULOSES
structural comparison of **wall hemicellulose** 076963

HEMIPTERA
of Dysdercus volkeri Schmidt **(Hemiptera:** 080229
pattern of cuticle in Rhodnius **(Hemiptera)** 080302
several species of Triatominae **(Hemiptera:** 080348
of Icerya purchasi Maskell **(Hemiptera:** Ma- 080361
Western & Southern Africa **(Hemiptera:** He- 080503
plants in Bulgaria. I. Bugs **(Hemiptera).** 079666
studied species of **Hemiptera** in **Azerbaijan** 080162
in Denmark **(Hemiptera, Delphacidae).** 080551
voelkeri Schmidt **(Hemiptera Pyrrhocoridae** 080228

HEMLOCKS
Cultivation of **Canada hemlock** (Tsuga cana- 078861
Significance of western **hemlock phenolic** ex- 076529

HEMODYNAMICS
method for studying **intestinal hemodynamics** 074519

HEMOGLOBINS
blood serum proteins, **& hemoglobin types** in 075352

HEMOLYMPHS
of proteins from honey **bee hemolymph.** [Ap- 080666
Radiation effects on **hemolymph free** amino 080398
Haemolymph protein patterns in developing 080321
Free amino acids in **haemolymph & venom** of 080221

HEMOLYSIS
of erythrocyte membrane in **hemolysis.** 077696
Haemolytic & conglutinating complement in 074847
fraction of beta-**haemolytic escherichia** coli. 074703

HEMONCHUS
two oral doses of **Haemonchus contortus.** 075613
ovine isolate of **Haemonchus contortus** in ca- 075697
axei **& Haemonchus contortus** administered 075698
of phenotypes in **Haemonchus contortus** ca- 075709
reaction of **Haemonchus contortus** & mode of 075718

HEMP
on parasitism of tomato by **hemp broomrape** 079614
Effect on **hemp crop** or irrigation with flax 078463
of technological value of **hemp designated** for 074190
products, flax **& hemp** with **economical** char- 073074
Chemical weed control in **hemp grown** for s- 079541
between humidity, stage of **hemp maturity** 074191
on planting & yield qualities of **hemp seeds** 078506

HENS
SEE CHICKENS

HEPARIN
Characterisation of **heparin** in **bovine** liver c- 074622

HEPATIC
Hepatic ascariasis in lambs. 075907
Characterization of **canine hepatic** & renal 074578
New concepts in **canine hepatic** function. 075999
Method of **catheterizing hepatic** vein in she- 075576
induced synthesis of **hepatic metallothionein** 074625
Fine structure of **hepatic sinusoidal** wall. [L- 074680
Cannulation of an **hepatic vein,** protal vein 074787

HEPATICA
fasciolasis. [Liver fluke, **Fasciola hepatica**]. 075585
of various antigens of **Fasciola hepatica** ofr 075672
transfer of adult **Fasciola hepatica** into recip- 075829
transfer of immature **Fasciola hepatica** from 075837
with metacercariae of **Fasciola hepatica.** 075842

HEPTACHLOR
Effect of **heptachlor** on **numbers** of bacteria, 080137

HERACLEUM
SEE UMBELLIFERAE

HERBACEOUS
A few models of **herbaceous cropping** syste- 078388
on seed germination in a **herbage grass**--Dic- 077941
source areas of wild **herbage legumes** in Ind- 076811
Herbage structure of agrophytecenosis of cu- 076875

HERBARIUMS
Herbaria: their significance for society, cont- 076575

HERBICIDES
methabenzthiazuron & bentazon.[**Herbicides**] 079418
prometone, & terbutryn. [**Herbicides**]. 079425
Some environmental benefits of **herbicides.** 079443
Development of **herbicides:** Weeds, a loss of 079445
help guide wise introduction of **herbicides.** 079476
applications on sugar beets. [**Herbicides**]. 079477
Microbial hydroxylation of **herbicide** n-(3,4- 079481
in apple orchards with some **herbicides.** 079488
For proper application of **herbicides.** 079509
with no-tillage weed control. [**Herbicides**]. 079531
of maize: Perrenial effect of **herbicides.** 079578
Herbicidal activity & selectivity of preparat- 079414
Herbicidal activity of some derivatives of b- 079496
Herbicide application to early potato cultur- 079490
Herbicide application under flat foil. 079515
fields after **herbicides application.** 079549
application methods **& herbicide applications.** 079619
Ecological effects of **aquatic herbicide** Fenac 079550
Auxin herbicides for weed control in fruit-tr- 079460
concentration] effects on **herbicide behavior** 079608
Rapid sensitive **herbicide bioassay** by inhibit- 079423
Herbicides in **cereals.** 079575
Herbicide combinations for ornamentals. 079470
in production of **complex herbicides.**1. Selec- 079413
Herbicides for **control** of docks (Rumex spp 079431
Effect of **weedicides** in **control** of weeds in t- 079448
Evaluation of **herbicides** for **control** of purple 079567
Evaluation of **herbicides** for **control** of john- 079568
sublethal levels of four **herbicides** on **cool**-se- 077664
Complex application of **herbicides** on **corn** c- 079492
Preemergence **corn herbicide** evaluations in 079569
Postemergence **corn herbicide** evaluations in 079570
Preemergence **cotton herbicide** evaluations in 079563
Postemergence **cotton herbicide** evaluations 079564
Application of **herbicides** to **crops** turnips & 079493
Application of some **herbicides** with **cycocel** 079464
Looks can be **deceiving-herbicide** injury? [F- 079441
cellular localization of **herbicide diphenamid** 079535
Use of **herbicides** in **drilled** onions as well as 079457
Herbicide effects on parasitism of tomato by 079614
Herbicide evaluation studies with carrots (079469
Herbicide evaluations in row crops for Braz- 079561
sorghum **herbicide evaluations** in Burleson 079562
Preemergence cotton **herbicide evaluations** in 079563
Postemergence cotton **herbicide evaluations** 079564
Preemergence soybean **herbicide evaluations** 079565
Preemergence corn **herbicide evaluations** in 079569
Postemergence corn **herbicide evaluations** in 079570
Preemergence sorghum **herbicide evaluations** 079571
Postemergence soybean **herbicide evalutions** 079566
Ecological effects of aquatic **herbicide Fenac** 079550
soils treated with **herbicides & fertilizers.** 081185
Herbicides find a helper--antidotes. 079527
Corn, Dactylis **glomerata, herbicides**]. 078260
BASAGRAN) (R)? [**Herbicides, grain**]. 079439
Looks can be deceiving-**herbicide injury?** [F- 079441
honey bees. [Apis **mellifera, herbicides,** toxi- 080067
Photodecomposition of **herbicide methazole.** 079479
Effect of **herbicides** on **microflora** of leached 079495
application dates **& herbicide mistures** on w- 079409
Effect of **herbicide mixtures** on weediness of 079494
of peach trees to **herbicides, mulch,** mowing, 078867
degradation of **herbicides** in **natural** ecosyst- 079547
of auxin-like **herbicides** on **nucleohistones** in 079599
Effects of **phenoxy herbicides** on yield of fir- 079572
Herbicides & plant growth regulators. 077417
Application of **herbicides** under **plastics.** [V- 079462
of selective **& herbicidal possibilities** of mix- 079413
Environmental **protective herbicides:** Techni- 079454
Problems of **herbicide residues** in vegetable 079463
Herbicide residues. 080152
Herbicide response & morphology of inters- 077003
Use of **herbicides** as a means of **seed**-bed pr- 079502
Rapid **sensitive herbicide** bioassay by inhibit- 079423
Movement of **herbicides** through **soil** to soy- 077647
on five species of algae. [**Herbicides, soil** mi- 079597
Postemergence **sorghum herbicide** evaluatio- 079562
Preemergence **sorghum herbicide** evaluations 079571
Effects of **herbicides** on **soybean** seed consti- 077769
Preemergence **soybean herbicide** evaluations 079565
Postemergence **soybean herbicide** evalutions 079566
Residual effect of **herbicides** on **succeeding** c- 079556
T **herbicide** with **synergist.** 080071
Plot sprayers for **testing herbicides.** 079520
Determination of **herbicides** in **tobacco** & th- 077801
Survey of **herbicide tolerance** of perennial h- 079456
bees. [Apis mellifera, **herbicides, toxicity**]. 080067
Effects of **trhee herbicides** on weed control, 079573
Decomposition of **triazine herbicides.** 079552
Use of **herbicides** in **vegetable** growing, incl- 079514
Influence of **herbicides Venzar** & Gatnon up- 079546
Herbicides in **vineyards.** 079408
Spring application of **herbicides** in **winter** c- 079576

HERBS
of glycosides of **herb** of **convallaria** Majalis 078040
Study of root biomass in **herb layer** of an o- 076183
of biomass & primary production **herb layer** 076812
Study of root biomass in **herb layer** of an o- 077366
of active substances of **medicinal herbs** on s- 079942
of herbicide tolerance of **perennial herbs.** 079456
Phytochemical studies of **herb** of **Veronica** o- 077275

HERDS
more or less raised according to size of **herd?** 072843
beef thwarts efforts to expands **beef herd.** 073229
Productivity of a **Brahman herd** in Colombia 074450
to administration of meat type **breeder herd** 074378
study on establishment of a beef **cattle herd** 075033
with suiferin C in hog **cholera herds.** 075683
bull's daughters with **herd companions** under 075187
Method, an important DHI [**Dairy herd** im- 074375
A **dairy herd** health programme; summary of 075512
abortion in a New South Wales **dairy herd.** 075646
Dairy herd environment & control of mastit- 075910
Management of **herds** of **hoofed** animals. 074426
are tips on keeping track of a **large herd.** [074404
Establishing **purebred herds** of meat cattle 075414
Establishing **purebred herds**-- work of zoote- 075433
science & technology in **herd reproduction** 075435

HEREDITY
Variability & **heritability** of **activity** of enz- 075406
Heredity & correlation of traits of productiv- 077246
Study of mutability **& heritability** of **dairy** c- 075420
disturbances **& hereditary diseases** of anima- 076018
Heritability of **economically** valuable charac- 075353
Estimating heritability of Hereford cow wei- 075254
Heritability of some **fertility** factors & grain 077251
chickens with **hereditary muscular** dystrophy 076021
Some **hereditary patterns** in milk yield, fat 075412
Heritability of **semen** traits in beef bulls. 075216
Heredity & variability of milk production, 075352

HERPES
as a potential carrier of **herpes & pikhristov** 075655
of Aujesky's disease virus **& herpes simplex** 075674
on lyophilized HVT [**Turkey herpes** virus] v- 075675
In vitro assay of **turkey herpes** virus (HVT) 075779

HERPESVIRUSES
transmission of **turkey herpesvirus** to chick- 075812
Effect of antibiotics on **turkey herpesvirus** v- 075816
causes of failure of **herpesvirus** of **turkeys** (s- 075624

HESPERIIDAE
Pyrgus cirsii Rbr. **(Lepidoptera hesperiidae)** 080193

HETEROCYSTS
of nitrogen fixation in **heterocysts.** 077335
nitrogenase activity in **heterocystous blue**-gr- 077333
Ascorbic acid **& heterocyst development** in 077481

HETERODERA
cyst nematode in Norway. [**Heterodera**]. 079292
decemlineata, **aphidae, heterodera** rostochie- 079761
a gene for resistance to **Heterodera avenae.** 077092
Heterodera longicolla, n.sp. (Nematoda: hte- 079314
spring on potato cyst-**nematode, Heterodera** 079237
Control of potato cyst-**nematode, Heterodera** 079238
potato eelworm. [**Heterodera rostochiensis**] 079245
resistance to **Heterodera rostochiensis.** 079344
on hatching of **Heterodera rostochiensis** lar- 079351
on survival of **heterodera schachtii.** [Sugar 079317
sugarbeet nematode. [**Heterodera schachtii**] 079365
associated with tissues of **Heterodera spp.** [079347

HETERODERIDAE
ottersoni (Nematoda: **Heteroderidae**). [Zoys- 079318

HETEROGENEITY
of biosynthesis **& metabolic heterogeneity** of 077492
On **plastidial heterogeneity** in Acetabularia. 077540
Possible heterogeneity of 5'-terminal of turn- 079202

HETEROLOGY
assessment of efficacy of a **heterologous** (me- 075800
of a mutagenic action of **heterologous DNA** 077221
of homologous **& heterologous DNA** during 077695

HETEROPHYLLY
in groundwood pulping. [**Tsuga heterophylla** 076529

HETEROPTERA
Oncopeltus fasciatus (Dallas) **(Heteroptera;** 080247
Metochus uniguttatus Thunb. **(Heteroptera:** 080293
Notonecta glauca L. **(Heteroptera:** Notonect- 080406
in cocoa-capsids (Miridae: **Heteroptera**). 080410
bug Ilyocoris cimicoides (L.) **(Heteroptera:** 080413
Southern Africa (Hemiptera: **Heteroptera**). 080503
to list of Isometopidae **(Heteroptera:** Cimic- 080577
Four new species of Miridae **(Heteroptera)** 080584
nemorum L.: **Heteroptera-Anthocoridae**) in 079871
Dist. **(Heteroptera, Pyrrhocoridae).** 080445

HETEROSEXUAL
for **heterosexual & homosexual** behaviour of 080249

HETEROSIDES
matter of flowers. II. **Flavonic heterosides** in 078163

HETEROSIS
sorghum varieties & hybrids. [**Heterosis**]. 077013
Present stage of **heterosis breeding** of horse- 077171
metabolism in seeds in **heterotic corn** hybri- 077908
Biochemical studies of **heterosis** in **sugar** be- 077743

HETEROTHALLISM
somatic cell fusions in **heterothallic slime** m- 077456
somatic fusion in **heterothallic slime** mould 077457

HETEROTOPIA
localization of **heterotopic thymic** tissue in 074615

HETEROTROPHY
growht of a **"heterotrophic"** blue-green bact- 077433

HETEROZYGOTES
between **heterozygosity** & **ageing.** 075173
Heterozygous diploid strains of Aspergillus 077137
telo-substituted **interchange heterozygotes** of 077048

HEVEA
sucrose along trunk of **Hevea brasiliensis** M- 077487
effect of auxins in **Hevea brasiliensis** Mull. 077489

HEXACHLORIDE
of sensitivity to BHC [**benzene hexachloride**] 077749

HEXACHLOROPHENE
method to talcs **containing hexachlorophene** 080178
Hexachlorophene toxicity in dogs. 076110
Hexachlorophene toxicosis in dogs. 076109

HEXAMETAPHOSPHATE
by sodium **hexametaphosphate extraction** m- 074161

HEXAPLOIDS
Developing of a **primary hexaploid** Triticale 077257
investigations in **hexaploid Triticale.** II. Me- 077093

HEXOKINASES
Hexokinase from **maize** endosperm & scutel- 077864

HEXOSAMINE
vivo incorporation of D-[1-14C]**hexosamine.** 074579
by determination of **hexosamine content** of 081217

HEXOSES
characterization of **hexose oxidase** from red 077361

HIBERNATION
decemlineata after **hibernation** at **different** l- 080463
observations on **hibernation** of **pea** aphid Ac- 079624

HIERARCHY
strategies for **hierarchical classification.** 076796

HIGHLANDS
of over-seeded species in **Highland Sourveld** 078403
of over-seeded species in **highland sourveld** 079502
of over-seeded species in **Highland Sourveld** 081420

HIGHVELD
SEE VELD

HILLS
self-levelling harvesting equipment on **hills:** 073092
Wood quality of Eucalyptus grandis (**Hill**) 081345
Mechanization of grape culture in **hilly areas.** 073093
Black Hills (South Dakota) flood of June 1 081707
Hill farmers & touristic opening up of moun- 072749
of range burning on Kansas **Flint Hills** soil 078392
southern part of Bohemian-**Moravian hills.** 076852
improvement on Central **Otago hill** & moun- 081327
Review of Czechoslovak **Pilosella Hill** speci- 076642
of Diesel oil in **hillside ploughint.** 080999
no-till management practices on **hilly terrain.** 078260
a guided natural reserve on **Turinese hills:** 076267

HIP
Results of control **against hip** dysplasia in 076057
early diagnosis & therapy of **hip dysplasia** & 076067
Some cases of **hip joint** dysplasia of dogs. 076063
Dysplasy of **hip joints** in a dog. 076102
for surgical management of **hip luxation.** [D- 076212

HIPPODAMIA
with cotton in Oklahoma. [**Hippodamia**]. 079707

HISTAMINE
responses. II. **Altered histamine** levels & an- 076112

HISTOCHEMISTRY
Correlative histochemical & ultrastructural 074501
Histochemical localization of 3betaand 17be- 074630
Histochemical localization of hydroxysteroid 074666
Histochemical study of amount of vitamin C 074825

HISTOGENESIS
Contribution to **postnatal histogenesis** of for- 074762

HISTOLOGY
Populus tremuloides, **anatomy, histology**]. 076916
Morphology & **histology** of **antenna** of male 080216
battus on **histology** & **biochemistry** of small 075712
Pathological-**histological changes** in rabbits 075658
Comparative histological studies on Polyerg- 080282
lesions in cattle: a **histological** & **cultural** st- 075731
Histological & **cytological** study of a nuclear 080185
Results of **histological examinations** of rat o- 076171
Staining of **histologic sections** of colon with 075995
Histological structure of ovaries of pregnant 074812

HISTONES
heart: Action on phosphorylase a & **histone** 074558
isolation & analysis of **radish histones.** 078096
Histones from **red** alga, Rhodymenia palma- 077402

HISTOPATHOLOGY
Histopathology of **experimental** pneumonia 075838

HISTOPHYSIOLOGY
Histophysiological data on mineral & puric 080192

HODOTERMES
of control of **Hodotermes mossambicus** on p- 079725

HOGS
SEE SWINE

HOLLY
for container culture of **Japanese holly** (Ilex 078831

HOLSTEIN
SEE CATTLE

HOME
Sprays for **home fruit** plantings. 079334
chart for ornamentals in **home garden.** 079837
Home gardens coastal South Carolina. 078657
Growing tree fruits & nuts in **home orchard** 078774
Dangers of **home slaughtering.** [Contaminat- 073647

HOMOGENEITY
Total proteins in **liver homogenate** of WL 074767
of total protein in **liver homogenate** of White 074769

HOMOGENIZATION
Storing & **homogenizing liquid** manure with 081334

HOMOLOGY
Deoxyribonucleic **acid homology** groups am- 079128
Non-**homologous associations** of haploid bar- 077040
Studies of a **homologous gene**-enzyme system 080199
sequences of **homologous** & **heterologous** D- 077695
Non-**homologous meiotic** pairing in a & b g- 077079
Nonhomologous pairing & nondisjunction of 080425
A study of **sequence homology** between toba- 079177
Sequence homology at 5'-termiri of insect m- 080367

HOMOPTERA
of Orosius cellulosus Lindberg (**Homoptera:** 079163
Dialeurodes citri (Ashmead) (**Homoptera:** A- 079810
Empoasca) devastans (Dist.) (**Homoptera:** J- 079831
American philaenus spumarius (**Homoptera:** 080172
Leafhoppers (Auchenorrhyncha: **Homoptera** 080568
Lachnidae fauna of Hungary (**Homoptera**). 080599
Gora mountains (**Homoptera, Aphidodea**). 080553
aphids (**Homoptera, Aphidoidea**) of Talysh. 080480
in Czechoslovakia (**Homoptera, Coccidae**). 079844
pallida (Green) (**Homoptera, Coccoidea**). II. 079863
of populations of **Homoptera restricted** to ci- 079812

HOMOZYGOTES
on combining ability of **homozygous self**-inc- 077075

HONEY
dairy products, poultry products, & **honey.** 073590
American foulbrood disease of bees in **honey** 080689
of forest protection in control **against honey** 079009
of Fomes annosus & **Armillaria mellea** by in- 077406
means of control. [A **Armillaria mellea,** Cali- 078913
of Fomes annosus & **Armillaria mellea** by in- 078969
honey fungus & root rot. [**Armillaria mellea,** 079009
An **automatic honey** bee counting & recordi- 080660
behavior of proteins from **honey bee** hemol- 080666
A bioassay for determining **honey bee** respo- 080670
axyridis on pulverized drone **honey bee** bro- 080671
Diseases of **honey-bee** in Lodz province in 1 080679
of exterior of head of workers of **honey bee.** 080684
acid-producing bacteria from **honey bees** & r- 073878
Surfactants in water drown **honey bees.** [Ap- 080067
Insecticide toxicity to **honey bees.** [Apis me- 080149
Surfactants in water drown **honey bees.** [Ap- 080669
acid-producing bacteria from **honey bees** & r- 080674
in normal & poisoned **honey bees.** [Insectici- 080688
Insecticide toxicity to **honey bees.** [Apis me- 080691
of control. [A Armillaria **mellea, California**] 078913
A bioassay for **determining honey** bee respo- 080670
axyridis on pulverized **drone honey** bee bro- 080671
Surfactants in water **drown honey** bees. [Ap- 080067
protection in control against **honey fungus** 079009
Honey & **molasses** solids, new functional sw- 073857
Analysis of pollen in **honey** of **northeast** Mo- 073818
in normal & **poisoned honey** bees. [Insectici- 080688
Towards industry-like **honey production.** 080687
bacteria from honey bees & **ripening honey.** 073878

HOOF
On **hoof cartilege** exstirpation & further pos- 075528
quality of horn & thickness of **hoof** of **horse** 076016

HOPS
Re-use of **hop** "trub". 2. Trials with different 073815
effect of variable higher **hop doses** of first b- 073813
Fatty acids in isomerized **hop extracts** & gu- 073862

HORDEUM
of bulb internode in **Hordeum bulbosum** L. 077005
in cytoplasm of **Hordeum bulbosum** L. 077040
amylase in germinating **Hordeum distichon.** 077847
Lysine-rich proteins in high-**lysine Hordeum** 077850
accumulation in **Hordeum vulgare** plumules. 077845

HORIZON
capacity & bulk density of **soil horizons.** 081113
Forest soils with **surface horizons** where re- 081166

HORIZONTAL
Horizontal planting of green ash cuttings lo- 076406
Horizontal soil-water intake through a thin 081110
domestica towards a **horizontal stripe.** 080371
Horizontal transmission of turkey herpesvir- 075812
of fertility along "**horizontal unilateral** cord- 078613

HORMONES
effects of different levels of **hormone.** 080224
regulators with juvenile **hormone activity.** [079643
A hormone free, **anabolic hormone** for rumi- 075024
Juvenile **hormone analogs** as in vitro inhibit- 074639
Studies with a juvenile **hormone analogue** for 079968
Activity of two juvenile **hormone analogues** 079633
effects of two juvenile **hormone analogues** on 079636
Estimation of **hormone concentration** by thr- 074755
Mangifera indica L. VI. **Hormonal control** of 077974
Hormonal control of differentiation of shoots 078100
Isolation of **diapause hormone** from silkworn 080675
A **hormone free,** anabolic hormone for rumi- 075024
temperature: growth **hormone, glucose,** & fr- 074537
inhibitors of somatotrophic **hormone-groups** 078153
Plasma insulin & **growth hormone** in dairy 074504
subzero temperature: **growth hormone,** gluc- 074537
Effect of **growth hormone** on milk producti- 074962
GH, [Luteinizing hormone, **growth hormone** 075350
Hormone-induced endoreduplication prior to 077989
Insect hormones & prospects of their use for 079664
Juvenile hormone analogs as in vitro inhibit- 074639
Juvenile hormone makes monster insects. 079623
Activity of two **juvenile hormone** analogues 079633
effects of two **juvenile hormone** analogues on 079636
Significance of natural **juvenile hormone** in 079641
growth regulators with **juvenile hormone** act- 079643
Studies with a **juvenile hormone** analogue for 079968
Juvenile hormone analogs as in vitro inhibit- 080082
of diet on response to **juvenile hormone** in 080251
of bioactive compounds: **juvenile hormone** m- 080298
growth regulators with **juvenile hormone** act- 080299
Gonadotrophic effect of **juvenile hormone** in 080326
of a new natural insect **juvenile hormone** fr- 080368
in ovine pituitary **lactogenic hormone.** 074562
of hypothalamic LH [**luteinizing hormone**] 074620
anterior pituitary LH [**luteinizing hormone**] 074976
prolactin & LH [**luteinizing hormone**] in bo- 075175
Plasma oestradiol, **luteinizing hormone** & p- 075258
anterior pituitary LH [**luteinizing hormone**] 075266
preovulatory LH [**luteinizing hormone**] disc- 075278
Progesterone, LH [**Luteinizing hormone**] es- 075349
serum LH, GH, [**Luteinizing hormone,** grow- 075350
compounds: juvenile **hormone mimetics** affec- 080298
Gibberellin spray. [Pears, **plant hormones**] 078030
stimulating hormone]-**releasing hormones** & 074620
Identification of **sexual hormones** in Neuros- 077424
of inhibitors of **somatotrophic hormone**-gro- 078153
FSH [follicle **stimulating hormone**]-releasing 074620
of ovine FSH.[follicle-**stimulating hormone**] 074644
porcine FSH. [Follicle **stimulating hormone** 075275
Genetic factors & **hormonal stimulation** affe- 075251
Hormone supplies in feeding dairy cattle. 074937

HORNBEAM
in herb layer of an oak-**hornbeam forest.** 076183
On defects of **hornbeam wood** (Carpinus bet- 076436
family occurring in **hornbeam wood.** 079101

HORNETS
in haemolymph & venom of **oriental hornet,** 080221

HORNS
Bos primigenius Boj.) & **horned cattle.** 074686
parturient oestrus in Merino & **Dorset Horn** 075193
Rearing & biology of **horn fly** in laboratory: 079988
of foot form, quality of **horn** & **thickness** of 076016

HORNWORMS
in developing tobacco **hornworm larvae.** 080321

HORSEBEANS
stage of heterosis breeding of **horsebean** (Vi- 077171
Absorption of calcium by **horsebean roots** (077844

HORSERADISH
of inh-bitor ferulic acid. [**Horseradish**]. 078126
Studies on **horseradish peroxidase.** XIII. ki- 077381
of light filth from **prepared horseradish.** 073575

HORSES
for development of raising of **horses.** 074396
VII. Present production of solipeds. [**Horses**] 074444
Premium list for **horses,** 1972. 074454
elements in serum or plasma of **horses.** 074601
feeds on cellulose digestion in **equine.** 074914

Anaesthesia in **horses.** 075462
resection & jejunocaecostomy in **horse.** 075464
of operative hoof corrections in **horse.** 075528
of large orthopedic patients. [**Horses**]. 075544
Abdominal paracentesis in **horse.** 075562
Stenosis of naso-lacrimal duct in **horse.** 075860
Verminous arteritis in a **mare.** 075894
mebendazole as an anthelmintic in **horses.** 075903
Brucella abortus (biotype 1) in T.B. **Mare.** 075906
infection of Strongylus vulgaris in **horse.** 075913
unsoundness in two year old **Thoroughbreds.** 076008
Neurological examination of **horse.** II. Spin- 076037
Lymphoma in **horse:** a diagnostic perspective 076087
with use & misuse of some drugs in **horses.** 076158
fractures of first phalanx (Pl) in **horse:** fixat- 076162
against gastrointestinal parasites of **horse.** 075618
thickness of hoof of **horse** with **applications** 076016
State **Horse Breeding** Farm & Agricultural 075290
Misaki horse. I. History of **horse-breeding** in 075297
cobalt gamma radiation on **equine carpus.** 1. 074547
cobalt gamma radiation on **equine carpus.** 2. 074548
Stomach worm disease of **horse caused** by 075760
Stomach worm disease of **horse caused** by 075759
discharge behaviour in cultivated **clay mares** 081271
remains. V. anatomical view of a **dead horse** 074682
Haemostypticum-Revici". [**Horses, dogs**]. 075525
in 1971 Venezuelan **equine encephalitis** outb- 079969
Knab. [Venezuelan **equine encephalitis** virus 080006
for Venezuelan **equine encephalitis** activity 080036
Venezuelan **equine encephalomyelitis** virus i- 075729
Venezuelan **equine encephalomyelitis** virus i- 075730
Blinking action on **horses** at **excitment.** 074606
on gas metabolism in light **horses fed** a com- 074607
Observations on influence of **feeding horse** t- 074933
for excessive permeability of **mare genital** d- 075514
ovulation time in nonlactating **mares given** 075184
for production of **gnotobiotic foals.** 075569
tryptophanyl peptide bond in **horse heart** cy- 074623
Equine infectious anemia. 075578
rabbits & guinea-pigs to **equine influencz** va- 075832
Studies on outbreak of **equine influenza** in 075688
risks in admittance of **horses** in **insurance** & 075527
Studies on gas metabolism in **light horses** fed 074607
by alcohol dehydrogenase. [**Horse, liver**]. 074557
An investigation into death of **Misaki horse** 074681
An investigation into death of **Misaki horse** 074682
Studies on **Misaki horse.** I. History of horse 075297
Management & disorders of **newborn foal.** 076083
ovulation time in **nonlactating mares** given 075184
on stomach & duodenum of **horse parasitic** 075761
estrogen excretion by **pregnant mare.** 075183
heifers treated with PMSG [**pregnant mare'** 075275
A report from **Equine Research** Station for 075457
on terraces of Tirnava **Mare River.** 081236
in blood serum of **horses** of all **round** use in 074695
State Horse Breeding Farm & Agricultural 075290
on influence of feeding **horse tamarind** (Leu- 074933
sedimentation in **Throughbred horses** from 1 074571
Planosols) on terraces of **Tirnava Mare** Riv- 081236
defenses during primary **Venezuelan equine** 075729
defenses during primary **Venezuelan equine** 075730
Army activities in 1971 **Venezuelan equine** 079969
pseudes Dyar & Knab. [**Venezuelan equine** 080006
Surveillance for **Venezuelan equine** encephal- 080036
Equine viral rhinopneumonitis: pathography 075771

HORTICULTURE

progress of Soviet Union. III. [**Horticulture** 078698
list of annual plant varieties. [**Horticulture**] 078726
Use of plastics in **horticulture.** 078789
Are we olbiged to **aim horticultural** research 072799
of allocation of **horticulture** in **Azerbaijan** 073107
Fruit & **horticultural commercial** organizati- 073167
Some notes on **horticultural economics.** 48. 073174
Institute of **Horticultural Engineering;** annu- 080948
Horticulture in **England.** 1. 078840
studies at **government Horticultural** Resear- 078607
hybridization at **Horticultural Research** Inst- 077009
of work done at **Horticultural Research** Inst- 079219
director on operation of **Horticulture School** 078797
use at defined dates in **Horticultural State** f- 078712
Equipping of **horticultural structures.** 3. Ins- 080724
a future for **horticulture** in **Ullensvang?** 073443

HOSE

Hose line irrigation sets. 080792

HOSPITALS

Veterinary hospital for Stockholm & its env- 075518

HOSTS

et Schult. with Agropyron elongatum (**Host** 077232
of parasite & developmental stage of **host.** 079827
Attempts to demonstrate a "**host antigen**" e- 075829
virulence in Avena: Puccinia **coronata host-** 079157
Host defenses during primary Venezuelan e- 075729
Host defenses during primary Venezuelan e- 075730
ecological relationships with **definitive hosts** 080170
Noctuidae: Lepidoptera) of **different host** pl- 079663
subgen. nov.: identity, **hosts, ecology,** & dist- 080572
to parasitic life in **host** as an **evolutionary** f- 080456
Experimental host range of potato spindle t- 079148
leg disc fragments in sugar fed **female hosts** 080253
Neumann, subgen. nov.: **identity, hosts,** ecol- 080572
Intermediate hosts of Filaria & their ecolog- 080170
Boophilus annulatus: effect of **host nutrition** 079999
in Avena: Puccinia coronata **host-parasite** sy- 079157
disease of coconut palm in **host plant.** 079244
vittiger with notes on its **host-plant** relation- 079446
between citrus trees & primary **host plant.** 079849
vittiger with notes on its **host-plant** relation- 080242
Host plants of plum pox virus. 079188
Some **host plants** of burrowing eelworm, Ra- 079653
Lepidoptera) of different **host plants.** 079663
Record of some new **host plants** of, & biolog- 079716
Host preferences of Deinoberites pseudes D- 080006
Patch between citrus trees & **primary host** 079849
Experimental **host range** of potato spindle t- 079148
genus Nyssopsora & its **host relations.** 078964
lake system as additional **trematode hosts.** 080171
Effects of **host variety,** plant maturity, soil 079084
by Ascaris from **hosts** with **varying** degrees 075610

HOUSE

ranking of counties on population & **housing** 072698
regimes on broiler performance. [**Housing**]. 074386
Possibilities of creating **additional housing** c- 080779
Conditions of raising & **housing breeder** live- 074496
production forms of cattle **breeding--housing** 080775
Voluntary **brood house** inspection. 074382
Poultry **house caged** layers dept. of agricult- 080788
walls & ceiling of an experimental **calf-house** 080762
of creating additional **housing capacity** for a 080779
Dairy **cattle housing** in Hungary. [Dairy ba- 074469
amplified DNA in oocytes of **house cricket,** 080220
Methods of **housing** for **dairy** cattle. 080702
in joint owenership **housing developments.** 078627
Two story cold air **drying house** for grain. 080747
industry & promotion of **housing enterprises** 076339
Farm house plans. 080795
vaccination of swine in **fattening house.** 075745
handling for livestock **housing, feeding** & ya- 080693
dieldrin in susceptible & resistant **house flies.** 079925
Climate regulation in **hen house:** an econom- 074397
Improving microclimate of **hen houses** with 080793
Voluntary brood **house inspection.** 074382
Solid manure handling for **livestock housing,** 080693
Improving technology of **livestock housing** 080794
Housing methods for bull fattening. 080704
Mushroom house ventilation in theory & pr- 080757
conditioning systems in **mushroom houses.** 080768
Roses in joint **owenership housing** developm- 078627
An adjustable heat source for **piglet house:** 080791
Farm **house plans.** 080795
South Dakota **population, housing** & farm c- 072698
humidity of air in **poultry houses** on certain 074823
Poultry house caged layers dept. of agricult- 080788
Poultry house: caged layers, deep pit. 080789
in pressed peat litter in **poultry houses.** [M- 081287
Disinfecting **poutry houses** & equipment in 075874
dieldrin in susceptible & **resistant house** flies 079925
Evaluation of **rural houses.** [India]. 080763
Housing shortage: can wood meet demand? 076498
Utilisation of blood. [**Slaughter-house** waste, 073841
processing equipment in **slaughter houses.** 074040
in cattle in industrial **slaughter-houses** & fie- 075753
on porcine pneumonias in **slaughter houses.** 075862
More efficient use of feeds in **stall housing.** 075166
of balantidiasis of swine in **swine houses** & 075966
Prefabricated building for **swine houses?** 080758
Heating by infrared rays. [**Swine houses**]. 080776
forms of cattle breeding--**housing systems** for 080775
Mushroom **house ventilation** in theory & pr- 080757
Utilisation of blood. [Slaughter-**house waste,** 073841

HOUSEFLIES

in aseptically reared **housefly larvae.** [Musca 080342

HOUSEHOLDS

modern rabbit cage for **household farming.** 080697
for selected low-**income households.** 073512

HULLING

photosynthate in Calluna vulgaris L. **Hull.** 077432
Rice hulls. 074143

HUMIDITY

at differnnt temperatures & **humidities.** 080338
of different temperatures & **humidity** of **air** 074823
seeds ageing at various **air humidities.** [Biab- 077624
Rapid determination of **humidity** in **drugs** l- 075556
Mougeotia, **Funaria hygrometrica**]. 077282
operation of a **humid production.** [Coffee]. 073902
Mill) in semi-arid & **subhumid region** of pro- 076385
corn production in a **subhumid region.** 077662
content & equilibrium **relative humidity** of d- 074290
by age, temperature, **relative humidity** & air 074253
Relationship between **humidity, stage** of he- 074191
of measuring equipment for **testing humidity** 074228

HUMOR

production, hatchability & **humoral immune** 075066

HUMUS

Studies on physiological effect of **humic acid** 077785
colloidal behaviour of **humic acids** obtained 081090
On group composition of **humus** in **compact** 081020
Microarthropods & **humus formation.** 081100
of isotops in research of **humus formation** fr- 081360
complexing of cobalt with **humic** & **fulvic** ac- 081175
Investigation of **humus preparations** by infr- 081173
Balance of nitrogen & **humus** in **soils.** 081107
for amorphous matters of upland **humic soils** 081164
Interaction of **humus substances** with trace 081194

HUNTING

of land systems within **Hunter Valley.** 081554

HUSBANDRY

beef production in **animal husbandry** compl- 074473
Animal husbandry. [Reproduction]. 075388
Good **husbandry-- art** of feasible a pragmatic 072803
Prospects of **cattle husbandry** & beef in pre- 073515
Possibilities of Argentine **cattle husbandry.** 073517
To history of ancient **cattle husbandry** in so- 074425

HYACINTHS

First results of research on **hyacinth forcing** 078731
Water hyacinth: an annoying weed. [Eichho- 079521

HYACINTHUS

on hyacinth forcing ("**Hyacinthus orientalis** 078731

HYALOMMA

Dhori viruses from **Hyalomma ticks** infecting 080000

HYALOPTERUS

in 1973. [Myzus **persicae, Hyalopterus** pruni 079766

HYBRID

Scopolia tangutica Maxim. & their **hybrid.** 076978
areas of grain sorghum varieties & **hybrids.** 077013
beet X Beta lomatogona F. et M. **hybrids.** I- 077097
winter wheat & winter hardiness of **hybrids** 077192
of Bajara varieties & **hybrids against** Curvul- 079019
Hybrid Amaryllis: to breed in, or out, or bo- 077143
Results of **hybridization** with **Atlas** 66. [Wh- 077053
Mutational variability in **barley hybrids** & t- 077216
Corn **hybrid BEKE** 270, first corn hybrid cr- 077126
Production of **hybrid calves** for fattening in 074461
Dairy **cattle hybrid** is " good one". 075240
Corn hybrid BEKE 270, first corn hybrid cr- 077126
forms on grain yield of **corn hybrids.** 077200
T cytoplasm with N cytoplasm **corn hybrids** 077238
of second-generation **corn hybrids.** 078509
T cytoplasm with N cytoplasm **corn hybrids** 079085
Differential butylate injury to **corn hybrids** 079602
metabolism in seeds in heterotic **corn hybri-s.** 077908
hybrid BEKE 270, first corn **hybrid created** 077126
cytological analysis of **hybrids** from **crossing** 077214
Schreb. (2n=42) **hybrid derivatives.** 077077
Hybrids of **diphaploids** of Solanum andigen- 077231
avian embryos by RNA-DNA **hybridization.** 075958
genotype of beef cattle x **DSR hybrids** for t- 075370
of sorghum varieties & **hybrids** in **East** Afri- 078306
cows, Zebus, & their first-**generation hybrids** 075352
of Shaver Starcross 288 laying **hen hybrids** 074875
Hybrids in **Hiantia** Borb. section Trifolium 077076
results in **implementing hybrid** pig breeding 075360
Hybrids increasing in European market. [S- 073241
Priszter et Karpati, an **interesting hybrid** fr- 076761
content of alkaloids in **interspecific hybrid** 076977
to production of viable **interspecific hybrids** 077067
Interspecific hybrids of Scopolia tangutica 077226
Tetraploid **interspecific hybrids** of plums & 077245
content of alkaloids in **interspecific hybrid** 077577
potash on yield of **hybrid jowar** (Sorghum v- 078368
on **hybridization** between **Lycopersicon** escu- 077109
yields in F1 generation of **hybrid maize.** 077251
Response of **hybrid maize** to nitrogen. 081378
A note on response of **hybrid maize** to zinc 081383
Mango hybridization at Horticultural Resea- 077009
Some promising **mango hybrids.** 078589
Hybrid mangoes of Andhra Pradesh. 078590
Natural hybridization in Phaseolus vulgaris 077027
Natural hybridization of winter wheat under 077175
chromosomes in F **hybrids** of **Nicotiana** sua- 077084
Spiraea species & **hybrids** in **Norway.** 076623
of grain of corn in **Obregon Hybrid** & Tuna- 077987
investigations of **hybrids obtained** from cros- 077232
Theory & practice of **obtaining hybrid** poult- 075430
hybrids & with F1 & F2 **hybrids** & **open-**pol- 077238
Response of **hybrid pearl-**millet to nitrogen, 078365
pseudo-self-compatibility in **Petunia hybrida** 077129
of Petunia inflata & **Petunia hybrida.** 078100
results in implementing **hybrid pig** breeding 075360
butcher hogs from early weaned **hybrid pigs** 072993
practice of obtaining **hybrid poultry** in Japan 075430
composition of eggs from **hybrid** & **purebred** 074081
Hybrid rabbit Hyla of Euribrid. 075233
of depression in F. **Hybrids resulting** from i- 077233
genes in **hybrids** of **Saccharomyces.** 077220
Study on some Polish **silkworm hybrids** (B- 080681
of utilization features of **sorghum hybrids** F 077099

indices of lipid metabolism in **hybrid swine.** 074835
Ascorbic acid contents in **hybrid tomatoes.** 078169
x=42) through **hybridization** of **Triticum** du- 077257
Valuable hybrid wheat forms. 077065
Frequency of 3x & 4x **hybrids** under **various** 077054
Viable hybrids from monosomics of Nicotia- 077240
Does amount of **hybrid vigor** depend upon l- 075222
butcher hogs from early **weaned hybrid** pigs 072993
Valuable **hybrid wheat** forms. 077065
Response of **hybridized wheat** seeds to irrad- 077210
as a gametocide in creating **wheat hybrids.** 077249
of first-generation **wheat hybrids** in non-Che- 077951

HYDRATION
drying, stability, & **rehydration** of **freeze-dri-** 074080
Anatomic **structure, hydration** of tomato lea- 076959
Rehydration versus growth-induced water u- 077856

HYDRAULICS
a demystification of **farm hydraulics.** 081682
Mills & milling. II. **Hydraulic pressure** & s- 074091

HYDRAZIDES
On mechanism of effect of **maleic hydrazide** 077611
of application methods on **maleic hydrazide** 077810
On effect of **maleic hydrazide** on water cond- 077935

HYDROCARBONS
ot fight water pollution by **hydrocarbons.** 081695
Fate of polycyclic **aromatic hydrocarbons** in 081315
Chlorinated hydrocarbon insecticide residues 073639
extraction of **chlorinated hydrocarbon** insect- 080057
Chlorinated hydrocarbon insecticide residues 080103
extraction of **chlorinated hydrocarbon** insect- 081054
for determining **chlorinated hydrocarbon** res- 081865
Hydrocarbon constituents of three species of 077509
oxidation of **monoterpene hydrocarbons.** [T- 077553
Hydrocarbons & plyyclorinated biphenyls f- 073950
in chick embryo by **polycyclic hydrocarbons** 074563
Transformations of **steroid hydrocarbons** dur- 074246
Effect of **hydrocarbon yeast** as dietary prote- 074986

HYDROCHARITACEAE
Elodea canadensis Michx. at Jevnaker. 076621
Lit parish, Jamland. [**Elodea canadensis,** R- 076792

HYDROCHLORIC
Effect of volume of HCl [**hydrochloric acid**] 074748

HYDROCHLORIDE
of lysozyme with **guanidine hydrochloride.** 074064
determination in **guanidine hydrochloride** or 080664

HYDROCORTISONE
Response of **circulating cortisol** levels in sh- 074551

HYDROCYANIC
Role of **hydrocyanic acid** content in relative 079756

HYDROGEN
soil-pH [**hydrogen-10n concentration**]. 081131
Initial hydrogen-ion concentration, a factor 076998
by heat, temperature, & pH [**hydrogen-ion** 073944
Establishment of **hydrogen-ion** concentration 074012
Pickled eggs. 1. PH, [**hydrogen-ion** concent- 074066
Effect of pH [**hydrogen-ion** concentration] 074067
Canning & pH [**hydrogen-ion** concentration] 074160
on blood gas tension, pH, [**hydrogen-ion** co- 074538
oat roots at different pH. [**Hydrogen-ion** co- 077838
kinetics & effects of pH [**hydrogen ion** conc- 077853
Inhibition of low pH [**hydrogen-ion**-concent- 077862
segments & decrease in pH [**hydrogen-ion** c- 078131
segments & decrease in pH [**hydrogen-ion-c-** 078132
of their role in pH [**hydrogen-ion** concentrat- 079205
of surfactant & pH [**hydrogen-ion** concentra- 079608
Hydrogen-ion concentration dynamics of loe- 081470
as influenced by fertilizer pH [**hydrogen-ion** 081489
milk on heat-release of **hydrogen sulphide** f- 073964

HYDROGENATION
oil in diet on **hydrogenation** of **unsaturated** 074981

HYDROGEOLOGY
Hydrogeology & irrigation. 081684
Punctual hydrogeological studies. [Undergr- 076979

HYDROLASES
Acid hydrolases & ascorbic acid in testes of 074862

HYDROLOGY
Hydrological characteristic of Cuenca del rio 081697
Surface & sub-surface **drainage hydrology.** 081629
Hydrological & erosion control importance 076232
models used in **hydrology,** with **observations** 081663
Hydrology in **rural** area. 081681
potentials estimated from **hydrologic soil** gr- 081269
distribution & **hydrological structure** in Tu- 076863
Hydrologic studies using Boussinesq equati- 081745

HYDROLYSATES
fodder yeast from **hydrolysate of sulphate** b- 074326
of a single addition of **yeast hydrolysate** to 080182

HYDROLYSIS
containing samples are **hydrolyzed.** 074748
Fat hydrolysis by lactic acid bacteria in che- 073966
fat in breeding calves with **hydrolyzed starch** 074852

HYDROLYZATES
carbon to decoloring of **protein hydrolyzate** 073918
Enzymatic **protein hydrolyzate** (EHB) as a 075756

HYDROMORPHIC
Banana cultivation on **hydromorphic soils** in 078686
Water regime in **hydromorphic soils** of Tissa 081233

HYDROPEROXY
formation of 13-L-**hydroperoxy-cis-9,** trans- 078081

HYDROPHILIDAE
Helophorus (**Coleoptera, Hydrophilidae**) fr- 080619

HYDROPONICS
delicious" apple tree in **hydroponic culture.** 077994
sandy substrate. [Grapes, **soilless culture**]. 078805
A unit for **soilless culture** of grape seedlings 078806
in a hydroponic substrate. [**Soilless culture**] 078807
Hydroponic culture of grafted grape seedlin- 078808
grape seedlings in France. [**Soilless culture**] 078814

HYDROPSYCHIDAE
European Hydropsychidae (Insecta, Trichop- 080640

HYDROXYBENZOIC
Formation of p-**hydroxybenzoic acid** from p- 078942

HYDROXYBUTYRATES
of "**cytoplasmic** 3-**hydroxybutyrate** dehydro- 074503

HYDROXYLASE
Is cinnamic **acid 4-hydroxylase** of potato a l- 078021
Aryl hydroxylase induction in chick embryo 074563

HYDROXYLATION
Oxidation of mega-**hydroxylated fatty** acids 074557
Microbial hydroxylation of herbicide n-(3,4- 079481

HYDROXYSTEROID
of **hydroxysteroid dehydrogenases** in maxill- 074666

HYDROXYUREA
of Allium sativum L. by **hydroxyurea.** Appli- 076897

HYGIENE
in Kosice from point of view of **hygiene.** 073610
of pests & pathogens by good **hygiene.** 079337
Hygienic assessment of wheat grown in a ne- 073697
Hygienic evaluation of DDVP in grain & gr- 073698
Veterinary **food hygiene** within framework of 073608
toxoplasmosis & listeriosis & **food hygiene.** 073670
a modern type of aid for **hygiene** in **food** in- 073811
toxoplasmosis & listeriosis & **food hygiene.** 075851
of pesticides from work **hygiene point** of vi- 080141
Hygiene problems in supply of drinking wat- 081774
Hygienic quality of pasture fodder. 075008
with respect to **hygienic requirements.** 081334
Hygiene in **restaurant** kitchens with special 073656
from point of view of crop **rotation hygiene.** 079037
Hygiene & sanitation in milk production. 073969
On systematics of **hygienic & technologically** 073935
Hygiene in **wheat** cleaning. 074217

HYLEMYA
control of onion maggot, **Hylemya antiqua** 079842
of cabbage maggots. [**Hylemya brassicae**]. 079816

HYMENOPTERA
behavior of Steniolia elegans (**Hymenoptera** 080270
rufibarbis Fabricius (**Hymenoptera:** Formici- 080288
of Formica rufibarbis Fabr. (**Hymenoptera;** 080290
on Anomma driver ants (**Hymenoptera:** Fo- 080395
army ant genus Eciton (**Hymenoptera:** Form- 080396
of Peristenus Foerster (**Hymenoptera:** Brac- 080548
of ant genus Acanthomyops (**Hymenoptera:** 080561
borinquensis, new species, (**Hymenoptera:** S- 080563
species of Calosota curtis (**Hymenoptera:** E- 080649
Apanteles flavipes (Cameron) (**Hymenoptera** 080360
forests in Slovakia (**Hymenoptera, Apoidea**) 080608
Mexico (insecta, **Hymenoptera, Apoidea**). 080633
India (Insecta, **Hymenoptera, Apoidea,** Me- 080634
Afrique Centrale) (**Hymenoptera, Braconidae,** 080472
wasps-braconids (**Hymenoptera, Braconidae** 080483
pictus (Forst.) (**Hymenoptera, Chalcididae,** 079883
in ant societies (**Hymenoptera, Formicidae**) 080180
pygmaea Latr. (**Hymenoptera Formicidae**). 080285
Fabricius (**Hymenoptera, Formicidae**). 080287
rufibarbis Fabr. (**Hymenoptera, Formicidae**) 080289
bicolor (**Formicidae, Hymenoptera**). 080352
caespitum L. (**Formicidae-Hymenoptera**) fr- 080432
of Formica rufa (**Hymenoptera, Formicidae**) 080462
graminicola Latr. (**Hymenoptera, Formicidae**) 080550
Hymenoptera, Ichneumonidae). [Jakulicai]. 080593
from Mexico (**insecta, Hymenoptera,** Apoid- 080633
from southern India (**Insecta, Hymenoptera,** 080634
Tritneptis sp. (**Hymenoptera, Pteromalidae**) 080167
et Brulle (**Hymenoptera, Sphecidae,** Crabro- 080520
tertiary sawflies (**Hymenoptera, Symphyta**) 080592
social wasp (**Hymenoptera, Vespidae**). 080283
Thomson) (**Hymenoptera, Vespidae**). 080535

HYPARRHENIA
Nees) Stapf & in **Hyparrhenia diplandra** (077705

HYPERESTROGENISM
reaponsible for **hyperestrogenism** in **sows** & 075776

HYPERICUM
SEE GUTTIFERAE

HYPERODES
of turfgrass weevil, a species of **Hyperodes.** 079799

HYPERPARASITES
study of some **hyperparasites** or **antagonists** 079113

HYPERTHERMIA
SEE FEVER

HYPERVITAMINOSIS
Chronic hypervitaminosis A & ankylose cerv- 076051

HYPHAE
by cychloheximide in **hyphae** of **Asperigillus** 076939
callus cultures through **hyphae** of **Pythium** 079164

HYPHANTRIA
of fall webworm (**Hyphantria cunea** Frury), 080185

HYPOCALCEMIA
hypocalcemia as a **contributing** causative fac- 076088

HYPOCOTYLS
of skunk cabbage spadix & **bean hypocotyl** 078052
fraction from etiolated **bean hypocotyl.** 078127
patterns in mimosa **hypocotyl callus** tissue. 078097

HYPOCREACEAE
of ergotamine by **Claviceps purpurea** (Fr.) 077356

HYPODERMA
infested with cattle grubs **Hypoderma bovis** 079998
of first-stage larvae of **Hypoderma bovis** De 080381

HYPOPHYSIS
hormones & **hypophyseal gonadotropins** (F- 074620

HYPOPLASIA
Enamel hypoplasia of deciduous incisor teeth 076108

HYPOTHALAMUS
in various regions of **basal hypothalamus** in 074751
synthesis & effect of **hypothalamic LH** [lute- 074620

HYPOTHERMIA
to hyperthermia & **hypothermia** in **14-day** c- 074727
Effects of **hypothermia** on **heart** & respirato- 074656

HYPOXANTHINE
Hypoxanthine measurement in assessing fre- 073636

HYPOXIA
Effect of **anoxia** on **sugar** transport in avian 074565

HYSTRICHOPSYLLIDAE
Spain (**Siphonaptera, Hystrichopsyllidae**). 080642

ICACINACEAE
Pollen of **Icacinaceae.** I. Atlas. [Metteniusa, 076750

ICE
What's new in **automated ice** cream product- 073926
spreading through infected **ice cream.** 073618
of cottage cheese whey in **ice cream.** 073931
for correct formulation in **ice cream** manufa- 073958
flavor & body defects in vanilla **ice cream.** 073959

ICERYA
of cottony-cushion scale, **Icerya purchasi** M- 079819
Artificial feeding of **Icerya purchasi** Maskell 080361

ICHNEUMONIDAE
Hymenoptera, Ichneumonidae). [Jakulicai]. 080593

ILEUM
Ileum resection & jejunocaecostomy in horse 075464
Adenocarcinoma in **ileum** of a **young** dog. 075998

ILEX
Ilex aquifolium L. recorded from Bamble, T- 076620
culture of Japanese holly (**Ilex crenata** "He- 078831

ILLUMINATION
Flavonoid glycosides from **illuminated cell s-** 078116
Effect of **continuous illumination** of incubati- 074728
Cats reared in **stroboscopic illumination:** eff- 074693

ILLUVIAL
Pseudogleyic podzolic **clay-illuvial** soils (Pl- 081236

IMBIBITION
released from seed coats during **imbibition.** 077843

IMMATURITY
Susceptibility of **immature** & **adult** stages of 079928
of Gambusia affinis & **immature Culex** tarsal- 079958
Experimental transfer of **immature Fasciola** 075837
with a description of its **immature larval** sta- 080631
destruction in a cat with **immature leukosis** 076028

IMMOBILIZATION
Use of drugs for **immobilization, capture,** & 075541
Immobilized enzymes: some applications to 073846

IMMUNITY
hosts with varying degrees of **immunity.** [P- 075610
canis: evidence that **immunity affects** secon- 075793
with immune serum & **immune cells.** 075729
Immune characteristics of cattle lympholeu- 075605
Immune characteristics of cattle lympholeu- 075992
Immune characteristics of cattle lympholeu- 075993
Importance of total & **general immunity** in 075574
Serum **immune globulin** levels in lambs und- 075912
production, hatchability & **humoral immune** 075066
dates of onset of **immunity** to **leptospirosis** 075969
Cell-**mediated immune** responses in calves w- 075616
induction & inhibition of **immunity** in **mice** 075590
Development of some **immunity parameters** 075798
Investigation of some **immunity parameters** 075799
Investigation of some **immunity parameters** 075803
Nature of resistance of **immune puppies** to 075793
Immuno-reproduction in livestock. 075249
hatchability & humoral **immune response** of 075066
virus-induced tumors & **immune response:** re- 075623
Absence of an **immune response** after oral a- 075706
qualitation of **immune response.** 075730
Cell-mediated **immune responses** in calves w- 075616
of antibiotics on **immunity** in **salmonellosis.** 075971
transfer of protection with **immune serum** & 075729
Serum immune globulin levels in lambs und- 075912
A search for **immunity** to **Verticillium** wilt in 079106

IMMUNIZATION
A deficiency & **antigen immunization** from 075609
Immunization for **bovine** viral respiratory di- 075792
fractions after **immunization** with **Brucella** 075605
Immunization of **chickens** for control of infe- 075807
Attempts of **oral immunization** of chickens 075746
Prenatal immunization & protection of new- 075614
Prophylactic immunization of heifers against 075681

IMMUNOCHEMISTRY
Immunochemistry of **phytochrome.** [Oats, c- 077861

IMMUNODEPRESSION
chickens] **induced immunodepression** by me- 074749

IMMUNOELECTROPHORESIS
by **immunoelectrophoretic analysis.** II. Inhe- 074797

IMMUNOFLUORESCENCE
gastroenteritis by **immunofluorescence.** [Sw- 075904
Immunofluorescence of **Vibrio** fetus. 075923

IMMUNOGENESIS
pathogenesis & **immunogenesis** in **brucellosis** 075986
Immunogenesis in **relation** to experimentally 075931

IMMUNOGLOBULINS
of purified **cattle immunoglobulin** preparati- 075577

IMMUNOLOGY
Immunological characteristics of lympholeu- 075607
Investigations on **immunological conflict** in 075752
Methods of **immunological diagnosis.** 075580
Kozar: **Parasitological immunology.** 075975
Immunological reactions to vaccine strains of 075929
Immunological response of 1-month-old lam- 075588
DDT & **immunological responses.** I. Serum 076111
DDT & **immunological responses.** II. Altered 076112
Immunological responses of rabbits artificial- 079998
Changes in **immunological responsiveness.** 076141

IMPERMEABLE
water of soils rendered **impermeable earlier** 081148
Impermeability of **sheep** placenta towards e- 075338

IMPLANTS
gregaria after **implantations** of **corpora** card- 080328
Influence of **implantation** of **Lactobacillus** a- 074720

IMPORTS
in Japan opening opportunities for **imports.** 073296
U.S. **agricultural imports** increase from most 073218
Tariff rates on U.S. **agricultural imports** lo- 073219
consumption of **imported cabbageworm** when 079805
bait formulation for control of **imported fire** 079635
analogues on larvae of **imported fire** ants. [079636
of Japanese wood borer in **imported lumber** 079893
Jamaica's strategy for **import substitution** of 073245
Import of **vegetables,** fruits & tropical fruits 073252
insects & mites found in **imported wood** il. 079881

IMPREGNATION
Possibilities of a **second impregnation** of ew- 075391
GF-2 within an **impregnated sprucewood.** 076565

INACTIVATION
of mutants sensitive to **inactivating factors.** 077102
Nayure of **inactivation & interaction** of lyso- 074064
Reversible inactivation by NADH [naphtha- 077352
Reversible inactivation of nitrate reductase 077364
Studies on non-**specific inactivation** of some 075678
Efficiency of an **inactivated vaccine** against 075920

INBREEDING
bronchial system of a dog (**inborn bronchial** 076066
Inbreeding depression in an old experiment- 076367
Inbred maize performance following tassel 077014
cytoplasms & among **inbreds** in **maize,** Zea 077038
Study on planting density of **inbred maize** l- 078482
Influence of **inbreeding** on **quality** of chicken 075351
semilethal mutations in **inbred selecting** sto- 080268

INCENTIVES
Material incentives as savings from product- 073030
Problems of **material incentives** system (bo- 073046
Experimental system for **material incentives** 073124

INCISORS
Enamel hypoplasia of **deciduous incisor** teeth 076108

INCITE
rigidiuscula" f. sp. **theobromae, incitant** of c- 078988

INCOME
Distribution of farm size & **income:** analysis 073059
of control from economic criteria of **income.** 076250
depreciation & **income** for **analyses** of dairy 072899
depreciation & **income** for **analyses** of dairy 072900
Assessed income, expenditures, etc. for agri- 073055
Some evidence on **changing income** elasticity 073343
remuneration & **income distribution** on coop- 072891
Influence of **income distribution** on income 073150
Supplemental-**income effects** of Federal food 073512
of income distribution on **income elasticity** of 073150
evidence on changing **income elasticity** of d- 073343
Assessed **income, expenditures,** etc. for agri- 073055
Potentialities of increasing **farm incomes** th- 072988
of new agricultural strategy on **farm income.** 072990
Effect of flooding on **farm income.**[Pastures, 073006
Farm incomes in North of Scotland, 1970/7 073034
Instability of **farm incomes.** 073044
condition for equalizing state **farm incomes** 073126
Concept & measurement of **farm income** & 073133
for selected low-**income households.** 073512
Some remarks on **land incomes** & farm rents 073081
of subdivisions in obtaining **net income.** [Col- 073017
Studies on **optimal income** of selection sch- 075214
On linking local rural **income redistribution** 073134
windfall gains, & distribution of **rural income:** 073130
On linking local **rural income** redistribution 073134
Supplemental-income effects of Federal food 073512
Income tax: Agricultural activities matching 073080

INCOMPATIBILITY
virus symptoms with **graft-incompatibility** in 079184
of homozygous self-**incompatible lines** of wh- 077075
Investigations on **self-incompatibility** in Ma- 077008
Inheritance of **self-incompatibility** in a few 077074
self-pollinating strains in **self-incompatible** 077211
Overcoming **self-incompatibility** by cytokini- 078010

INCORPORATION
Butylate incorporation on corn. [Weed cont- 079453
Effect of light on **incorporation** of **Carbon** 1 077734
Studies on **incorporation** of **coccidiostat** "Cy- 075081
Delayed incorporation of trifluralin & nitral- 079594
Incorporation of **DL**-[3-carbon 13] cysteine 076942
mail surveys. [Wisconsin **incorporated farm** 073381
Effect of **incorporating hen** manure into diet 075067
Incorporation of **label** into intercellular sub- 076880
Monarda fistulosa & **incorporation** of **mark-d** 077550
On **incorporation** of **milk** protein yield into 075186
On **incorporation** of **milk** protein yield into 075188
Comparison of soil **incorporated organic** add- 081509
reassociation & **phenylalanine incorporation** 077707
14c-**phenylalanine incorporation** by wheat-s- 077708
incorporation into **phospholipids.** [Phosphor- 077840
production. Iii. **incorporation** of **radioactivity** 074550
Suggestions **regarding incorporation** of sugar 075108
higher plant tissue: **incorporation** into **RNA** 077697
Effect of **incorporating sannhemp** on yield of 081439
First experience on **incorporation** of **sheep** 072931
Stimulation of [3H] **uridine incorporation** i- 074544
complexes & on in **vivo incorporation** of D- 074579

INCREMENTS
in underground biomass & **annual increment** 077940
rainfall on **increment** of **forest** trees in seas- 078235

INCUBATION
ion concentration of medium of **incubation.** I 078131
illumination of **incubating chicken** eggs on 074728
Armillaria mellea by **incubation** in **different** 077406
Incubation, diurnal, & yearly rhythms in bl- 080256
viral persistence in porcine **fetuses incubated** 075620
riboflavin complex during **incubation** of **hen'** 075323
Turning of eggs do not **improve incubation.** 074401
Laboratory incubation studies of chlorophen- 081218
in early post/**incubation ontogenesis.** 074766
in early post-**incubation ontogenesis.** 074769
fowl in early post-**incubation ontogenesis.** 074770
Pre-incubation storage contidions & their ef- 074725
Citrus limon L.) **incubated** in **stabilized** & u- 078028
A new **incubation system** for leaf-cutter bees 080259
Tests on determination of **incubation time** of 079244

INDEX
Leaf **area index** & radiation as related to co- 077660
Index of **authorized** plant sanitary products 080061
Effect of drying on **availability index** of soil 081239
Less coughing, **better index** of consumption 080853
Biochemical indices of meat of geese infested 073696
Change in **biochemical indices** of potatoes & 078193
in cattle. 8. Some **indices** of **cellular** reaction 075607
On necessity of recording **climatic indices** in 081245
use efficiency & SDI. [Stress **day index,** irri- 081703
of ammonia as an **index** of **decomposition** in 073571
condition with storage-**duration index.** 081692
Interrelationships between **energy indices** & 080987
Indices of **German** Democratic Republic feed 074331
Hematological indices & reproductive functi- 074826
Change of **hemolythic index** of total amount 077583
SDI. [Stress day **index, irrigation**]. 081703
Some **indices** of **lipid** metabolism in hybrid 074835
houses on certain **physiological indices** of bl- 074823
of change of certain **physiological indices** of 078236
Index of **phytosanitary** products. IX edition: 079265
Intereffect of **production indices.** [Agricultu- 073014
of agricultural **productivity indexes** in Hokk- 073363
New **quality index** for sugar products. 074102
Genetic correlationships of **quality indices** in 077148
Confectionery ingredients; **refractive indices** 073824
Confectionery ingredients; **refractive indices** 073827
Selection parameters & **selection indexes.** 075186
Selection indices of bull mothers & bulls in 075189
Shape index versus hatchability of fertile eg- 075324
Estimation of genetic **similarity index** betwe- 075237
Missouri Ozarks have similar **site indexes** f- 076332
of growth on some **indices** of **structure** on yi- 077913
Indices of **turnover** fund utilization. [Agricul- 073027
content of sheep according to **udder indices** 074491
Shape **index versus** hatchability of fertile eg- 075324

INDIANGRASS
germination in **indiangrass** as **affected** by li- 077646

INDICATORS
Alfalfa clones... **Indicators** of **air** pollution. 079224
Behaviour of certain **biochemical indicators** 075585
Biological indicators of air pollution. 081786
W. L. line of poultry on **certain indicators** of 074063
communities as **indicators** of **conditions** of s- 076829
An **indicator-dilution** method for studying in- 074519
leukemia. 11. **Haematological indicators** of 075603
Lactation as an **indicator** in **planning** milk p- 074480
of river water as an **indicator** of **recent** eros- 081559
estrus as an **indicator** of **reproductive** status 075257
factors on slaughter **value indicators** of pigs 074377

INDIGENOUS
absinthium L. **indigenous** to **Smolensk** Regi- 078884
observed in pituitary cells of **indigenous sow** 075091

INDIGESTION
On pathogenesis of **dyspepsia** in **newborn** ca- 076101

INDOLE
catalyzed oxidation of **indole-3-acetic** acid in 078126
Indole acetic acid metabolism in soil as infl- 081065

INDOLEACETIC
tumorous origin to **indoleacetic acid** in vitro 077535
remarks on effects of 3-**indoleacetic acid** on 077625
between effect of **indoleacetic acid** & kinetin 077758
by rhizobial production of **indoleacetic acid** 077787
production of IAA [**indoleacetic acid,** beans] 078062
tumorous origin to **indoleacetic acid** in vitro 079368

INDOLEBUTYRIC
concentration of IBA [**indolebutyric acid**] in 078793

INDUCTION
Effect of preparation method on **induction** of 077837
Induced alloploids in grasses of Festuca & 077077
Gibberellic acid & alpha-**amylase induction** 077898
Polar auxin transport & **auxin-induced** elon- 077881
acid-1-14C [carbon] & phenol-**induces auxin** 077992
6-**Azauracil induced** phenocopies of rudimen- 080276
Cadmium-induced synthesis of hepatic metal- 074625
Induced calving--a labor saving tool. 075218

Experimentally **induced canine** dermatophil- 075622
Ozone **induced carbon** dioxide evolution in 077836
Speed of resistance to **challenge induced** in 075916
Neurally **induced changes** of ultrastructure in 074617
cortex: short-term, stimulus-**induced changes** 074791
Induction of **chlorophyll** mutations in bread 077261
thermally **induced conformational** changes in 079205
of steers & **induced cryptorchids.** 075307
II. effect of a steroid--**induced development** 075225
Experimentally **induced developmental** mon- 080460
Induction of **difference** of cardiac rhythm at 080369
Duplications induced by gamma-irradiation 080429
ion-concentration]-**induced elongation** in Av- 077862
auxin transport & auxin-**induced elongation** 077881
Induction of **embryonic** death in sheep by in- 075263
Hormone-**induced endoreduplication** prior to 077989
of potato a light-**induced enzyme.** 078021
acid during natural & **ethylene-induced** sene- 078124
lens differentiation **experimentally induced** 074670
Experimentally induced canine dermatophil- 075622
in relation to **experimentally induced** swine 075931
Experimentally induced developmental mon- 080460
effects of leaves & fruits on **floral induction** 078151
hybrids & their parental **forms, induced** by 077216
Rehydration versus **growth-induced** water u- 077856
Inducing haploidy in potato. 077164
Hormone-induced endoreduplication prior to 077989
Aryl **hydroxylase induction** in chick embryo 074563
of force milting & **induced hyperthyroidism** 074721
chickens] **induced immunodepression** by me- 074749
Investigations on **induction & inhibition** of 075590
Radiation **induced interspecific** gene transfe- 077111
Radiation **induced interspecific** gene transfer 077112
for analysis of embryonic **lethals induced** by 077218
Primary processes controlling **light induced** 077283
acid 4-hydroxylase of potato a **light-induced** 078021
Inducing lightwood in pine trees by paraquat 076405
over in Drosophila **melanogaster induced** by 080269
controlling light **induced movement** of chlor- 077283
Induced mutagenesis in strains of Chlorella 077089
Induced mutants for tomato breeding. 077248
Producing **induced mutations** in soybean. 077198
Dependence of **induced mutations** of Droso- 080163
analyses of stem **nematode-induced** white fl- 079308
Neurally induced changes of ultrastructure in 074617
objective measurements of **odors induced** by 074025
Ozone induced carbon dioxide evolution in 077836
during photosynthetic **induction period** in C- 077336
6-Azauracil **induced phenocopies** of rudimen- 080276
Effect of substances **inducing phenocopy** on 080280
acid-1-14C [carbon] & **phenol-induces** auxin 077992
during **photosynthetic induction** period in C- 077336
Comparison of **induced preovulatory** LH [lu- 075278
Producing induced mutations in soybean. 077198
Radiation induced interspecific gene transfe- 077111
Radiation induced interspecific gene transfer 077112
Induction of **rapid** chlorophyll accumulation 077272
Mull. Arg. as affected by sink **region induced** 077487
of dna synthesis on **induction** of **somatic** cro- 077083
Specific induction of mutations & modificati- 080169
female pigs. II. effect of a **steroid--induced** 075225
visual cortex: short-term, **stimulus-induced** c- 074791
Effect of **substances inducing** phenocopy on 080280
nature of mutations of **sunflower, induced** by 077195
nature of mutations of **sunflower, induced** by 077229
in relation to experimentally **induced swine** 075931
Cadmium-**induced synthesis** of hepatic metal- 074625
ion concentration] & **thermally induced** con- 079205
wall synthesis & wall **thickening induced** by 076939
Physiopathological **troubles induced** in birds 076120
Feline virus-**induced tumors** & immune resp- 075623
Rehydration versus growth-**induced water** u- 077856
Meiosis in mutants of winter **wheat induced** 077241
analyses of stem nematode-**induced white** fl- 079308
composition in natural & **induced yolk** mottl- 074742

INDUSTRY

with emphasis on cost of **industrialization.** 073552
organic wastes from agriculture & **industry:** 075023
of production methods similar to **industry?** 076301
Replanting of oil palms for **industrial** use; 078772
of sugar beet growing & **industrialization.** 078786
organic wastes from agriculture & **industry:** 081823
processes applied in malting **industry abroad** 073881
Tractor **industry abroad.** 080921
economic accounting in **agrarian-industrial** c- 072871
of perennial plants in **agrarian-industrial** c- 073050
Kibbutz-an **agricultural-industrial** village. 072670
assistance shops in **agricultural-industrial** c- 072858
consultations on **agricultural industries** in d- 073383
An **industrial** base for **agriculture.** 072736
Success of a Malaysian **agro-industry.** [Pine- 073560
with chronic influence of **industrial air** pollu- 076230
Efficiency of inter-farm **animal industry** ass- 072828
Norm method of planning in **animal industry.** 072842
of production in **industrialized animal** produ- 072881
groups of young **animal industry** workers on 072975
On wages of workers in **animal industry.** 073142
Economy of expenditures in **animal industry** 073143
of All-Union Institute of **Animal Industry.** 074474
Ethological problems of **animal industry.** 074476
for years 1966-1970. [**Animal industry**]. 074489
of genetic research in **animal industry** & pla- 075348
of veterinary science in **industrialized animal** 075534
of genetic research in **animal industry** & pla- 077189
for supplying hot water to **animal industry.** 080774
insurance serving socialist **animal industry.** 073144
of inter-farm animal **industry associations.** 072828
Avocado industry of Ventura County at a gl- 078648
nursery culture on an **industrialized basis.** 078813
from results of **industry**-like **beef** cattle pro- 072880
Modern trends in **beef industry.** 073496
Technology of **industrial beef** production in 074473
Cooperative research in **brewing industry.** 073817
its activity in field of **brewing industry.** 073900
feed rations for **industry**-like **bull** fattening. 075110
Commercial **campground industry** in New 081864
Beef **cattle industry** facts. 073478
gained in developing an **industry**-like **cattle** 075362
of electirc energy in **cattle industry.** [Bulagr- 080738
nitrogen fertilization in **industrialized cereal** 081350
Change in **chief industry** of sandy Drenthe 072720
Change in **chief industry** of Frisian meadow 072721
Potato **chip industry** & its raw materials. 074293
plants in agrarian-**industrial complex** Burgas 073050
between farm-**industrial complexes.** 072819
shops in agricultural-**industrial complexes.** 072858
accounting in agrarian-**industrial complexes** 072871
under **industry**-like **conditions** of production 074462
tomatoes under **industry**-like **conditions** of p- 078707
Sugar **industry consolidating** for future. 073399
agriculture & **industry cooperating** in field of 072913
Feed reserve requirement in **industrial cow** 074948
scheme of beef bulls for **industrial crossing.** 075213
Effectiveness of **industrial crossing** of dairy, 075415
of Economic Community. [**Dairy industry**]. 073277
Position of Dutch **dairy industry.** [Commerce 073287
Future prospects for **dairy industry** in USA 073417
Trends & needs in **dairy industry.** 073473
Rationalizing without effect? [**Dairy industry,** 073487
German **dairy industry** with different chanc- 073488
State of **dairy industry** in South Africa. 073507
Realism & patching up. [**Dairy industry**]. 073522
of world trip: Europe. V. [**Dairy industry**]. 073941
Trends & needs in **dairy industry.** 073947
of cow feeding in **industrialized dairy** compl- 075162
staff with facilities of **industrialised dairy** pr- 075494
performance of food **distribution industry.** 073255
Michigan food **distribution industry**--now & 073279
or irrigation with flax **industry effluents** usi- 078463
of tasks of food **industrial enterprises.** 073831
Brewing adjuncts & **industrial enzymes.** 073892
Beef cattle **industry facts.** 073478
relationships between **farm-industrial** compl- 072819
Development of mixed **feed industry.** [Costs 073021
of sugar beets in large scale **feed industry.** 074343
Development & aims of **feed industry** in cen- 074358
presently posed in **fermentation industries** in 073812
Quality of **industrial fertilizers** in 1971--197 081282
in some agricultural & **industrial fish** breedi- 081835
hemp crop or irrigation with **flax industry** ef- 078463
workers for agricultural & **food industries.** 072642
for wholesale & retail. [**Food industry**]. 073195
technology & consultants. [**Food industry**]. 073248
service for new products. [**Food industry,** U- 073249
A publicity service. [**Food industry,** United 073250
strategy & cost analysis. [**Food industry**]. 073256
know-how & investment. [**Food industry**]. 073429
of enzyme preparation used in **food industry** 073595
intersectorial tables of **food industries.** [Cos- 073628
type of aid for hygiene in **food industry.** 073811
determination of tasks of **food industrial** ent- 073831
of light construction in **food industries.** 073833
Methods of random testing in **food industry.** 073852
recent developments in **food industry.** 073853
Modern ingredients for **food industry.** 073858
a modern stabilizer for **food industry.** 073859
of production processes. [**Food industry**]. 073886
Gelatin in **food industry.** 073908
Potato products in **food industry** in USA & 074297
we & this business of ecology.[**Food industry** 081815
Problems of **forage industry** during sixth five 078515
methods similar to **industry** in **forest** nursery 076300
electronic data pr ocessing in **forest industry** 076302
of technical development of **forest industry** 076306
Constitutional reformation of **forest industry** 076339
Future for **forest-industry** products in United 076452
Forest industry of Spain. II. 076487
trends in wood & **furniture industry** till year 076440
for forestry on **German Industry** Norms (D- 076193
Goose industry in Israel. 073870
Vertical cooperation of **grain industry** & fa- 072896
Organization of enterprises of **grain industry.** 074181
wheel drive tractor & **greenhouse industry.** 080983
Agriculture & **industry** in South **Italy.** 072673
plantations operated along **industrial lines.** 072853
of chicory forcing along **industrial lines.** 078694
to leek production along **industrial lines.** 078699
Cherry production along **industrial lines.** 078703
tomato production along **industrial lines.** 078706
Potential of **livestock industry** in Bolivia. 073472
of waste material from **lumber industry** for 076449
of California retail farm **machinery industry** 080814
processes applied in **malting industry** abroad 073881
Philippine **mango industry**--its problems & 078594
for new integrated **meat industry** plant Pra- 074057
of environmental protection. [**Meat industry** 081846
production complexes by **industrial methods** 072971
Industrial milk production in Siberia. [Dairy 072970
feed rations for **industry**-like **milk** production 075108
under aspect of **industry**-like **milk** production 075365
Situation of **milling industry** with regard to 073189
plant organization in **milling industry.** 074180
of expansion of cereal & **milling industry** sh- 074197
Research work in cereal & **milling industry** 074200
in farm organization when **industry moves** i- 072755
Michigan food distribution **industry**--**now** & 073279
Michigan sheep **industry now** & in 1985. 073484
Economic outlook for **nursery industry.** 073448
A birds-eye-view of **opoato industry.** 073405
technical needs & trends of **paper industry.** 076533
*** 076535
Breeding of **industry peas.** I. Variety test. 077187
quality of fresh & **industrialized peas:** Inlfu- 078185
extracts for **pharmaceutical industry.** 074308
in development of an **industry**-like **pig** breed- 075361
for new integrated meat **industry plant** Pra- 074057
in animal industry & **plant industry.** 075348
pests & diseases in cereal in **industrial plant** 079375
transport vehicles in **industrial plant** produc- 080844
equipment in ceral & **industrial plant** crops. 080942
Technology of **industrial poppy**-seed product- 078421
Potato industry in south Australia. 073508
Poultry industry's tasks in 1973. 073531
Industrialized poultry raising in Cuba. 074493
structure in meat **processing industry.** 073242
as raw material for **processing industry.** 081402
in transition to **industrial production.** 072887
Transition to **industrial production** methods 073465
with sex odor in **industrial production.** 073998
for cattle fattening in **industrial production** 074946
Quality of potatoes in **industrial production** 078668
chemization of **industrial production** of pota- 078669
Future for forest-**industry products** in United 076452
Experiences from **industrial rabbit** rearing. 074408
for development of sheep **raising industry.** 072827
Results & trends in **industrialized raising** of 072890
labor productivity in cattle **raising industry** 072955
in rape oil during its **industrial refining** & on 074237
Control, Analysis & **Industrial Research,** lea- 074041
U.S. Agricultural policies for **rice industry.** 077592
economic impact of new **industry** on **rural** c- 073552
between forestry & **sawmill industry.** 076237
Industrial-scale vegetable production & dem- 073263
plant protection in **industrial scale** vegetable 079291
Industrial-scale plant production & problems 081414
happenings of interest in **seed industry.** 078381
on co-operation between **industry segments.** 073957
Michigan **sheep industry** now & in 1985. 073484
a future for Norwegian **sheep industry?** 073510
Sheep industry of United Kingdom. 074477
of cereal & milling **industry shown** graphical- 074197
of peaches for **industrial** uses in **Sicily.** 078735
Industrial slaughter cattle production. 073466
cysticercosis in cattle in **industrial slaughter** 075753
to production similar to **industry** in **socialist** 076304
coniferous timber for Lake **States industry** 076556
Marketing strategy & **sugar industry.** 073305
Sugar industry consolidating for future. 073399
future outlook of starch-**sugar industry** in J- 073490
Katma Protocol, **sugar industry** of Turkey, 073513
of sugar in Brazil. VII. 1. **sugar industry** i n 074092
supersaturation of **industrial sugar** solutions 074103
Situation of **swine industry** within Parma-R- 073520
Barn climate in **industrial swine** production 074407
link of trichinellosis in **industrial swine** far- 075589
Use of **industrial technology** as a primary m- 072978
trends in wood & furniture **industry till** year 076440
prerequisites of forestry & **timber industry** in 076316
typical size enterprise of **timber industry.** 076433
techniques improvement i n **timber industry** 076448
California's dynamic **tomato industry.** 2. To- 073397
Towards industry-like honey production. 080687
Tractor industry abroad. 080921
issues pertinent to Christmas **tree industry.** 076180
for new products. [Food **industry, United** St- 073249
A publicity service. [Food **industry, United** 073250
On **industrial utilization** of carcasses & slau- 074050
purification in fruit & **vegetable industry.** III 081268
Kibbutz-an agricultural-**industrial village.** 072670
of air & soil pollution by **industrial waste** on 076222
business of ecology.[Food **industry, waste**]. 081815
Plan & tasks of branches of **wood industry.** 073450
Feasibility of **wood industries** in "Model Val- 076542
groups of young animal **industry workers** on 072975

INFANCY

Dietary protein quality in **infants & children** 073709
of nutrition; how do we feed **infants, children,** 073727
Rice breakfast cereals & **infant foods.** 074147

INFECTION

Nutrition & **infection.** 073795
to turkey Leucocytozoon [smith] **infection.** 075808
postnatal period against **actual infections.** 075574
On diagnosing **adenovirus infection** in cattle 075928

Superinfection of Aedes togoi with Brugia 080007
in plants after virus-**infection affected** by tr- 079193
gastroenteritis **against infection** with Ascaris 075621
effects of Alternaria **alternata infection** & o- 079052
Equine **infectious anemia.** 075578
Artificial infection of corn with Ustilago ma- 079039
Studies on **infectious atrophic** rhinitis in pigs 075887
of feed medicaments on **bacterial infections** 075810
para-influenza-3-, IBR-, **[infectious bovine** r- 075657
Isolation of virus of **infectious bovine** rhinot- 075921
findings related to **infectious bovine** rhinotr- 075953
treating cattle with Bovicola **bovis infection** 080043
on a case of **infection** by **Brachylaema** suis 075581
larval instars of Barathra **brassicae infected** 080335
of chickens for control of **infectious bursal** d- 075807
Proteins of blood serum of **calves infected** w- 075970
from Hyalomma ticks **infecting camels** in E- 080000
East coast fever: **infectivity** for **cattle** of infe- 075710
light microscopy of **infected cell** cultures. 075836
anthelmintic treatment of **clinical infections** 075914
Porcine coronaviruses: **co-infection** of cell cu- 075619
structure & **infectivity** of **complete** maize ro- 079204
establishment of **continuous infection** in vero 080246
a newly recognized virus **infecting cowpeas** 079150
VII. Mechanisms of its **infection** to **dead** tw- 079076
of calves to **infection** by **Deplococcus.** 075935
Protection of Arizona-**disease infected** turkey 075665
Maedi, a new **infectious disease** in German 075868
Mixed **infectious diseases** caused by Mycopl- 075736
of territory of Moldavia. **[Infectious diseases** 075934
vaccinatin of swine. **[Infectious diseases].** 075938
Fate of large **infective doses** of Nematodirus 075711
Equine infectious anemia. 075578
of antibiotics against **experimental infection** 075863
Experimental infection of lambs by L-forms 075985
Experimental infection of Anopheles gambiae 080004
argasid ticks during **experimental infection.** 080377
Heartworm infection. [Dirofiliaria immitis, 075821
naturally acquired **helminth infections** in sh- 075700
of Mycoplasma **hyopneumoniae infection,** p- 075726
Salmonella spreading through **infected ice** c- 073618
Clinical aspects of **infectious infertility.** [Liv- 075875
Fate of **large infective** doses of Nematodirus 075711
Fate of multiple doses of **infective larvae** of 075713
Leaf infection with citrus black spot & peri- 079083
Turkey **Leucocytozoon infection.** I. A rapid 075805
of antibody titers in **livestock infected** with 075932
of a Plasmodium **lophurae infection** in dieth- 075676
inhibition of immunity in **mice infected** with 075590
enzyme in intestine of white **mice infected** 075602
challenge with endotoxin on **infectious mink** 075594
Mixed infectious diseases caused by Mycopl- 075736
on maintenance of a **monospecific infection** 075913
Pall.) Edw. At **infection** of their **natural** po- 080384
treatment of intestinal **nematode infection.** 075582
Parenteral infection of laboratory animals w- 075842
infectivity for cattle of **infective particles** of 075710
Co [cobalt] irradiation of **infective particles** 075732
recovered from Theileria **parva infection.** 075843
changes in lungs of **pigs infected** with Aujes- 075839
of Lycopersicon **pimpinellifolium infected** by 079345
high incidence of **infectious plasmacytosis.** 075593
rhinotracheitis & **infectious pneumonia** virus- 075953
potato virus X]-Q: an **infective product** of p- 079175
hyopneumoniae **infection, pyrantel** treatment 075726
Tissue fluid in **rabbits infected** with Trypan- 075794
conditions & after **infection** with **rabies** virus 075798
conditions & after **infection** with **rabies** virus 075799
conditions & after **infection** with **rabies** virus 075803
Effect of Strongyloides **ransomi-infection** on 075983
Infection rate of mass species of Muridae w- 080019
II. Study of **infection** with **Rhizopus** stoloni- 078997
control measures of blue **stain infection** & c- 076460
irradiation on leaves **systemically infected** w- 079158
exposed to Raillietina **tetragona infections.** 075814
morphology & **infectivity** of **Theileria** parva 075795
Dhori viruses from Hyalomma **ticks infecting** 080000
Infection of **tobacco** mesophyll protoplasts 079200
On feasibility of **infecting tomatoes** with vir- 079210
puppies to **superinfection** with **Toxocara** can- 075793
A study of **toxoplasma infections** in cats as 075897
of Arizona-disease **infected turkey** poults. 075665
hamster) cell culture to **infection** with **type** 075809
Canine **viral infections:** Etiological notions, 075774
during bovine viral diarrhea **virus infection** 075615
equine encephalomyelitis **virus infection** in 075729
equine encephalomyelitis **virus infection** in 075730
mottle, a newly recognized **virus infecting** c- 079150
Diagnosis & control of **virus infections** of cu- 079167
changes in plants after **virus-infection** affect- 079193
Ecological aspects of **virus infection** in insec- 080231
of germinating plants of **wheat infected** with 079061
Treatment of stomach **worm infection** of gra- 075867

INFERENTIAL

Inference for **land** planning: A comprehensi- 072726

INFERTILITY

SEE FERTILITY

INFESTATION

Studies on citrus **infesting aphides.** II. Relat- 079849
responses of rabbits **artificially infested** with 079998
corn varieties to stalk-**borer infestations.** [C- 079756
Studies on **citrus infesting** aphides. II. Relat- 079849
Infestation & control of citrus weevil, Amys- 079851
Evaluation of quantitative **infestation/crop** l- 079236
for control of **infestation** in **elevators,** wareh- 079938
Natural regeneration of **infested fir** stands. 076394
indices of meat of **geese infested** with helmi- 073696
Ecological studies on **insects infesting** wheat 079941
Iso-peroxidases in tomato **leaves infested** wi- 079850
for dwarf mistletoe-**infested lodgepole** & po- 079574
of farms against **lungworm infestations.** [Cat- 075943
of squirreltail in **medusahead infested** ranges 078395
programs for dwarf **mistletoe-infested** lodge- 079574
gastro-intestinal **nematode infestation** in sh- 075592
Nematode infestation of grass roots greater 079275
Incidence of **infestation** by **nematodes** of co- 079232
Parasite infestation through fertilizer. [Oste- 075703
of potatoes to **Phytophthora infestans** de ba- 079057
Regions of field corn **plants infested** by larv- 079702
Evaluation of **quantitative infestation/crop** l- 079236
of squirreltail in medusahead **infested ranges** 078395
of entomophagous insects to **trees infested** w- 079889
Ecological studies on insects **infesting wheat** 079941

INFILTRATION

wetting front during **infiltration** at **constant** 081270
Calamovilfa longifolia): **water infiltration &** 077777

INFLAMMABILITY

Carpet flammability tested. [Textiles]. 073806

INFLAMMATION

a pathogen **causing inflammatory** response in 080336

INFLORESCENCE

Ii. **Inflorescences** of **Alismataceae.** 076912
reversal at **inflorescence emergence** on grow- 077645
wintering of **inflorescence** of **strawberries.** 078088

INFLUENZA

Studies on outbreak of **equine influenza** in 075688
of antibodies against para-**influenza-3-, IBR-** 075657
Poultry influenza. 075941

INFORMATION

Inspiration & **information:** Making libraries 073736
engineering documentation & **information.** Of 080728
Automatic information processing in system 072865
Forestry Society as an **information center** f- 076210
Information concerning European Economic 073403
Information on **cultivation** of Aleppo pine (076385
Information from **European** Economic Com- 079422
Sources of **floriculture information**--an anno- 078679
from steel wires: **Information** for **forestry** on 076193
New **information** on **functions** of selenium & 074913
Further information on biosynthesis of alka- 077602
General information on agricultural equipm- 072851
General information on agricultural equipm- 080861
General information on agricultural equipm- 080862
More **information** for **growth** development 072728
Using **information** of more than one **kind.** [077162
Consumer reaction to **nutrition information** 073304
of theory for **information** in **phytosociology.** 076841
Preliminary information on effectiveness of 079871
Providing information for agricultural scien- 072713
Examination of **information represented** by 076324
Operational value of **weather information** in 081527
Information on a three-**year** experiment (19 078389

INFRARED

of whole soils using **infrared absorption.** 081150
Infrared analysis of carbaryl insecticide: mo- 079626
Heating by **infrared rays.** [Swine houses]. 080776
Evaluation of **infrared-roasted** & extruder-p- 074957
preparations by **infrared spectroscopy.** 081173
per-billion levels by **infrared spectroscopy.** 081772
by examination of their **ultraviolet, infrared** 077525

INFUSION

acid levels in sheep with **abomasal infusions** 074651
A cannula system for **frequent infusions** into 075501
in milk following **intramammary infusion.** 073581
fibres during & after **intravenous infusions** of 074550
Effect of intravenous **noradrenaline infusion** 074516
Infusion therapy & blood transfusion in dog 075487

INGESTION

in ruminants. X. **Ingestive behaviour** in catt- 075085
caused in calf by **ingestion** of **Dimetilan** (2-d- 076159
Comparative effect of **oral ingestion** of met- 076138

INGREDIENTS

Confectionery ingredients; refractive indices 073824
Confectionery ingredients; refractive indices 073827
Modern ingredients for food industry. 073858

INHABITANTS

garbage among **inhabitants** of **RSFSR.** [Swi- 075161

INHABITING

New **mountain inhabiting** species in insect f- 080617

INHERITANCE

Inheritance of **dimethoate** resistance in Ma- 079950
Inherited disorders causing infertility in bull 075997
analysis. II. **Inheritance & distribution** of v- 074797
cereale L.). XII. **Inheritance** of **hairiness** of 077199
Inheritance of **leaflet** number & flower & se- 077157
studies on **inheritance** in **Mangifera** indica L 077007
Investigation of **inheritance** of **morphine** con- 077168
Inherited mutations in winter wheat as affe- 077176
Inheritance of **number** of days to silking & 077107
Inheritance of **oil** & protein content in a dia- 077037
Inheritance of **plasmodial** valine requirement 077078
Inheritance of **resistance** to subgroup C leu- 074747
Studies on **inheritance** of **resistance** to pow- 077095
Inheritance of **self**-incompatibility in a few 077074
Note on **inheritance** of **sensitivity** to BHC [077749
Inheritance of **stripe** rust resistance in inter- 077133

INHIBITION

Inhibition of **abscission** by calcium. [Kidney 078122
Proteolytic & trypsin **inhibitory activities** in 078114
of hemagglutination-**inhibiting antibodies** of 075584
Inhibition of **darkening** of diffused juices. [074159
Inhibition of **dehydrogenase** activity in soil. 081212
Inhibition of **DNA** synthesis by sulfite in ro- 077401
Inhibition of **flowering** in Mangifera indica 077979
Growth-inhibitory volatile aromatic compou- 078119
Experiments to **inhibit growth** of winter rye 078671
investigation on effect of **growth inhibiting** 079677
on induction & **inhibition** of **immunity** in mi- 075590
Mutual inhibition & organization of a non-v- 080309
Inhibition of low **pH** [hydrogen-ion-concent- 077862
in vitro: **inhibition** by **polyamines** & poly(a- 075638
Inhibition of non-**reversible** D-glyceraldehy- 078137
Inhibition of **root** growth as a result of met- 078128
Descending & **segmental inhibition** of trans- 074665
Specific inhibition of alkane synthesis with 077999
Transient inhibition by cycloheximide of pr- 077350
herbicide bioassay by **inhibition** of **trichome** 079423

INHIBITORS

Trypsin **inhibitor activity** of cowpeas (Vigna 073744
Effect of some **inhibitors** of **carotene** synthe- 077455
L. in relation to auxin & **inhibitor content** of 077976
L.) Merrill: effect of some **inhibitors** of **dna** 077083
in abscisic acid-like **inhibitors following** alte- 078102
Triterpeneglycosides as **inhibitors** of **fungal** 077483
Possible role of **germination inhibitors** on d- 077825
Germinationand **growth-inhibitors** in relation 077751
Use of **growth inhibitors** in wheat culture. 077819
Growth inhibitor from root cap of Zea mays 077880
of some metabolic **inhibitors, introduced** in 077919
of growth & by **metabolic inhibitors.** 077435
Effects of **metabolic inhibitors** on giant cell 077574
Studies on role of **protease inhibitor** from p- 073705
Inhibitors in **pulp** bleaching. 076486
I. I. Effects of **inhibitors** of **respiration,** oxi- 078132
supply & of **inhibitors** of **somatotrophic** hor- 078153
Trypsin inhibitor from bovine pituitary. 074502
hormone analogs as in **vitro inhibitors** of rat 074639

INJECTION

behavior of cats **following injection** of d-tub- 074511
Effect of intravenous **gossypol injection** on i- 074969
Effect of **intramuscular injections** of iron-de- 075699
death in sheep by **intrauterine injection** of a 075263
guinea pigs after **intravenous injection** of [1 073759
under shock caused by **intravenous injection** 074703
guinea pigs after **intravenous injection** of [1 076024
selenium] from **injected selenomethionine**-7 074752
in sheep & heifers by a **single injection** of p- 075428
of prepartum of neonatal **steroid injections** 075209

INJURY

Injury to **Betula** maximowicziana by nemat- 079272
Differential **butylate injury** to corn hybrids 079602
features of post-road accident **chest injuries.** 076150
Mechanism of **chilling injury** in sweet potato 079367
Sulphur **dioxide injury** to vegetation in vicin- 079401
therapy for fits. [Dogs, **diseases, injuries].** 076153
Problems of **fatal injuries** in forestry of Slo- 076272
Effect of mechanical **fruit injury** on behavio- 073616
Prevention of frost & **hail injuries** to fruit t- 079358
Looks can be deceiving-**herbicide injury?** [F- 079441
alternata infection & other **leaf injuries** on 079052
in biological properties of **injured muscles** in 074837
Suppression of **ozone injury** to Phaseolus vu- 079306
present & future state. **[Plants, injuries,** R- 079398
Study of effect of **root injuries** on cauliflower 079248
with biology of **injurious & useful** insects. 079669
diseases, pests & **injuries** in **vineyards** of Ge- 078197

INNOVATION

approach to **agricultural innovation.** 072803
Innovations in **awarding** bonuses to state fa- 073029
of market: role of **innovation, technology** & 073248
Innovations in **technology** of raising grafted 078818

INOCULATION

of Rhizobium meliloti. **[Alfalfa, inoculation]** 077813
oral route & exposed to **challenge inoculum** 075614

Cross inoculation studies with Rhizobia of c- 081208
in goats by **intramammary inoculation** of h- 075727
to lettuce as affected by **inoculum level,** pla- 079309
feces & eggs following **oral inoculation.** 073664
from these nodules. [**Peanuts, inoculation,** 077816
from these nodules. [**Peanuts, inoculation,** 079130
caryophyllus] estimation of **inoculum** in **soil** 078907

INORGANIC

uptake & distribution of **inorganic bromide** 079239
into content of **inorganic, esterous,** lipidic, r- 075392
application on leaf, peer, **flesh inorganic** nut- 078175
Effect of **inorganic iron** on development of 073652
Inorganic & organic bromide residues in food 073633
as related to **inorganic phosphate** fractions 081072
Note on **inorganic phosphate** distribution in 081376
Forms of **inorganic phosphorus** in medium b- 081095
Inorganic phosphorus transformation in Dh- 081384
polymers & **inorganic polyphosphates.** [Penc- 077309
Stability of **inorganic selenium** in premixes 074355
Effects of some **inorganic substaces** on TTC 081222
Inorganic transformation of added phosphor- 081093

INOSITOL

by transinhibition & by **inositol depletion.** 077328
pistils labeled with tritiated **myo-inositol:** an 076880

INPUT

cultivation with low or no **input** of **manual** l- 078708
in Washington economy; an **input-output** st- 072964
Environmental matrix: **input-output** techniq- 081875
for cropping techniques with **small input** of 079457
Selected U.S. Crop budgets: **yields, inputs,** 073094

INSECTARIES

in University of **Wisconsin Insectarium.** 080650

INSECTICIDES

induced in birds & mammals. [**Insecticides**] 076120
phenylureas, a new class of **insecticides.** I. 1 079642
induced in birds & mammals. [**Insecticides**] 080065
Insecticides [Soils, residues]. 080079
of propanil with **insecticides absorbed** from 077962
utilization of **insecticides** in **accordance** with 079669
of some **insecticides** as used **against** synanth- 079940
production under **alternative insecticide** stra- 079754
Evaluation of **insecticides** for **aphids** & flow- 079840
Coquillett using various **adulticides applied** 079962
Infrared analysis of **carbaryl insecticide:** mo- 079626
as a source of new **insecticidal compounds.** 077369
Insecticidal control of a spider mite in grain 079747
Evaluation of new **insecticides** for **control** of 079841
Westw.) before & after **insecticide control.** 079850
Efficiency of some **insecticides** in **controlling** 079737
evaluation of **insecticides** for **controlling** mo- 079798
Cut cotton **insecticide costs** with integrated 079745
Insecticide evaluation for control of Triseta- 079904
Centre. [**Fertlizers, insecticides**]. 079630
of furrow applied **granular insecticides** for c- 079842
Chlorinated **hydrocarbon insecticide** residues 073639
of chlorinated **hydrocarbon insecticides** from 080057
Chlorinated **hydrocarbon insecticide** residues 080103
of chlorinated **hydrocarbon insecticides** from 081054
Evaluation of some **important insecticides** for 079822
larvae for determination of **limit insecticide** 076562
of residues of **methylcarbamate insecticides** 073582
Mosquito adulticides & larvicides: efficacy u- 079960
Effects of **insecticides** on **mycetom**-cells of 079882
Chlorinated hydrocarbon **insecticide residues** 073639
of [14Carbon] aldrin in **insecticide-resistant** 079645
Integration of **sanitation, insecticides,** & ste- 079804
under alternative **insecticide strategies:** impl- 079754
Insecticide susceptibility of mosquitoes in C- 079961
Insecticide susceptibility of mosquitoes in C- 080042
Ovicidal action of **systemic insecticides** on e- 079826
Fate of **insecticides** in **tobacco** plants & fact- 073645
Tests with **insecticides** for **tobacco** flea beet- 079748
Fate of **insecticides** in **tobacco** plants & fact- 080108
Insecticide toxicity to honey bees. [Apis me- 080149
poisoned honey bees. [**Insecticide toxicity**]. 080688
Insecticide toxicity to honey bees. [Apis me- 080691
use in plant protection. [**Traps, insecticides**] 079665
spinosus: effect of **insecticide treatments** on 079705
for determination of limit **insecticide value** of 076562
tarsalis Coquillett using **various adulticides** 079962
Residual activity of **various insecticides** in t- 079976
Note on effect of **insecticides** on **yield** of chi- 079820

INSECTS

pest control in agriculture. [**Insects**]. 079640
pest control needs overhauling. [**Insects**]. 079661
of medicinal plants in Bulgaria. I. **Bugs** (H- 079666
Automatic counting & classification of **insec-s.** 079671
You may be feeding your alfalfa to **insects.** 079714
of some rice pests in Colombia. [**Insects**]. 079727
Citrus pests. [**Insects**]. 079817
Controlling pantry pests. [**Insects**]. 079920
are plagued by flies & bugs. [**Insects**]. 079995
fauna in New River, Virginia. [**Insects**]. 080209
aspects of virus infection in **insects.** 080231
chlororaphis & its toxicity for **insects.** 080257
of Apolysis" in moulting of **insects.** 080405
in staining of neurosecretory cells. [**Insects**] 080431
physiologicsl study of starvation in an **insect** 080662
fauna in New River, Virginia. [**Insects**]. 081780
sensing: atmospheric structure & **insects.** 079668
pattern of winter cherry **bug, Acanthocoris** 080359
II. Interaction of factors **affecting insect** dis- 079863
of USDA Western **Insects Affecting** Man & 080030
juvenile hormone mimetics **affecting insect** d- 080298
Control of **insects** on **alfalfa** & red clover. 079732
Lygus [rugulipennis] **bugs** in North **America** 079808
Integrated pest management of **apple insects,** 079811
Badajoz) during 1971. [**Apples, insect** pests] 079780
Aquatic insects of Karasuk lake system as a- 080171
of atmospheric lead by **insects** in **areas** of hi- 080243
caused by cattle dung & **associated insects.** 079990
Visual **insect attractants** & their use in plant 079665
information on effectiveness of **bark bug** (A- 079871
Beneficial insects: neglected "good guys". [079638
Strip-cropping's effect on **beneficial insects** 079707
slug, Deroceras laeve. [**Insects, biological** c- 079809
of natural juvenile hormone in **insect body** 079641
Situation of **insects & borers** on sugarcane p- 079693
for determining direction of **insect boring** th- 073579
during development of **insect Ceratitis** capit- 080260
some insecticides in controlling **cereal bugs** 079737
Insect chemosterilants. XII. Phosphorus am- 079646
distribution pattern of winter **cherry bug, A-** 080359
Collard insect control. [Bacillus thuringiens- 079853
Fruit tree disease-**insect control.** 079362
its role in integrated **insect control.** 079628
Antibiotics in relation to **insect control.** 079662
Cotton **insect control.** 079710
How to **control insects** on field tobacco. 079731
Collard **insect control.** [Bacillus thuringiens- 079853
Cotton insect control. 079710
October 11, 1971). [**Insects, cytology**]. 080459
in larval populations of **insect defoliators** on 079905
hormone mimetics affecting **insect diapause.** 080298
used against synanthropous **dipterous insect** 079940
in corn & soybeans: weeds, **insects, diseases** 079213
of fluorides by **insects** near an **emission** sour- 080240
of arrival of **entomophagous insects** to trees 079889
mountain inhabiting species in **insect fauna** 080617
identification from air, or **finding insects** fr- 079622
Effects of leaf-**footed bugs** on mesquite repr- 079487
Major **forests insect** pests in Quebec in 197 079886
discovered in South Africa. [**Fruit, insect** pe- 079829
A note on how to prepare **insect genitalia** w- 080234
Government of Iran on ecology of **grain bug** 079690
a new class of potent **insect growth** regulato- 079643
A comparative anatomy of **insect head.** IV. 080401
Insect hormones & prospects of their use for 079664
scent gland system of water **bug Ilyocoris** c- 080413
Ecological studies on **insects infesting** wheat 079941
male technique & its role in **integrated insect** 079628
of a new natural **insect juvenile** hormone fr- 080368
Major insects of economic importance in Q- 079634
Insect management & control on crops gro- 079660
Bionomics & control of mango **mealy bug.** 079860
homology at 5'-termiri of **insect messenger** 080367
Observations of **insects migration** in Poland 080399
in tubular scent glands of **milkweed bug** On- 080247
Insect, mite, & rodent control in New Ham- 079270
Control of **insect & mite** pests of commercial 079859
Insect, mite, & rodent control in New Ham- 079891
as well as other **insects & mites** found in im- 079881
Juvenile hormone makes **monster insects.** 079623
Studies on incidence of **tea-mosquito bug** (079833
configuration of a new **natural insect** juvenile 080368
Analysis of acoustic signals of **bug Nezara** v- 080205
effects of larvicides on **nontarget insects.** 079960
importance of secondary **noxious insects** of 076230
Thermoreception of **bug Oncopeltus** fasciatus 080205
scent glands of milkweed **bug Oncopeltus** fa- 080247
acid compositions of seven **insect orders.** 080225
Inundation with **parasitic insects** to control 079959
New **insect pest** threaten alfalfa. [Otiorhyn- 079730
prospects for introduction of its **insect pests** 079553
relation to integrated control. [**Insect pests**] 079647
evaluation of natural enemies. [**Insect pests,** 079648
response of predators. [**Insect pests,** natural 079650
Control of **insect pests** on peppermint. [Me- 079659
Insect pests of medicinal plants in Bulgaria. 079666
Badajoz) during 1971. [Apples, **insect pests**] 079780
Insects pests of vegetable crops in south-we- 079801
Insect pests of fruit in south-west of Quebec 079802
in South Africa. [Fruit, **insect pests**]. 079829
in oil palm plantations. [**Insect, pests,** contr- 079836
Major forests **insect pests** in Quebec in 197 079886
of timber storage for control of **insect pests** 079897
Insect pests of Pinus stands in Poland. 079908
personnel in California. [**Insects, pests**]. 079981
Insect pests of Pinus stands in Poland. 080600
in system: Food plant--**phytophagous insect.** 080461
Insect & plant diseases in small woodlot m- 079278
Parasities of tarnished **plant bug** in Mississ- 079709
Total **insect population** & field relationship. 079751
delta-endotoxin on an **insect predator** which 080105
A note on how to **prepare insect** genitalia w- 080234
Some ways & means of **insect protection** in 080397
of trichobothria in **bug Pyrrhocoris** apterus 080313
State of research on **scale insects** & Aleyrod- 079813
for unit-area sampling of **insects** in **short** ve- 079637
Union of Study of **Social Insects.** 080292
Soybean insects & their control. 079711
alcohol dehydration of spread **insect sperm** 076926
chemicals for control of **insects & spider** mi- 079815
alcohol dehydration of **spread insect** sperm 076926
neural fat-body sheath in **stick insect** (Cara- 080353
Strawberry insects: how to control them. 079857
Response of three **insects** to **sublethal** doses 079933
a two way attack on **sugarbeet insects.** 079743
Notes on **insects** of **Surinam.** 080526
Tomatoes, Bacillus **thuringiensis, insects**]. 079856
Total insect population & field relationship. 079751
with biology of injurious & **useful insects.** 079669
of malaria in California. [**Insect vectors,** An- 079983
for control of **insects** on **vegetables.** 079841
Visual insect attractants & their use in plant 079665
scent gland system of **water bug** Ilyocoris c- 080413
control in corn & soybeans: **weeds, insects,** 079213
control research of USDA **Western Insects** 080030
Collection of two-**wing insects** (Insecta, Dip- 080219
In biological control of **insects** in **wooden** c- 079916

INSEMINATION

at different time intervals after **insemination** 075262
Organization of **artificial insemination** & te- 075232
Forthcoming tasks of **artificial insemination** 075363
utilizing advantages of **artificial insemination** 075368
application of **artificial insemination** in sheep 075375
in cows & **insemination** after **calving.** 075396
Insemination of **sows** in Hodonin. 075355

INSENSITIVITY

Cyanide-insensitive repsiration. II. Control 077767
Cyanide-insensitive respiration. I. steady sta- 078052

INSOLUBLE

Problem of **insoluble antigens** for identificat- 075802
isolation & purification of **ethanol-insoluble,** 077503

INSPECTION

Office for Dairy Products. [**Inspection**]. 073649
Tennessee Meat & Poultry **Inspection Act** of 073524
Inspection of **agriculture** & vegetable seeds, 073856
Inspection of **commercial** feedingstuffs, 1971 073897
Inspection & control of effectiveness of cha- 076311
Efficient inspection of poultry meat. 073603
Voluntary brood **house inspection.** 074382
Carcass & **meat inspection** of calf; a photog- 073673
pest of sugarcane: **Report** of an **inspection** tr- 079693
of Veterinary **Sanitary Inspection** (WIS). 075753
Slaughtering **& inspection service;** present & 075558

INSTABILITY

Instability of **farm** incomes. 073044
incubated in stabilized **& unstabilized liquid** 078028
Detection of **mitotic instability** in sugarcane 077236

INSTANT

of solution speed of **instant malt** coffee by an 073887
in infants & children. IX. **Instant sweetened** 073709

INSTARS

Aminotransferase in three last **larval instars** 080335

INSTITUTIONS

distribution through **institutional agencies.** 081416
references & **institution** of a **place** of a veter- 075499

INSTRUCTION

Instructions concerning operation of, & exp- 080821
in sheep at **Dummerstorf Instructional** & E- 075375
research in **programmed instruction** for ext- 072686
Instruction at **Sala** Agricultural College. 072710

INSTRUMENTS

areas as an **instrument** for **development** of d- 073082
An **instrument** for **measuring** resistance to c- 078824
of milking intensity **measuring instruments** 081000
of wood used for **musical instruments.** II. 076573
Algeria is first of all an **instrument** of **social** 073497

INSUFFICIENCY

radiologic aspects in **cardiac insufficiency** of 076055
Investigation of **insufficient nutrition** of app- 079324

INSULATION

of resistance of **insulating barkboards** to wo- 076558
Insulating capacity of floors in swine sheds 080761
of a disposable **insulated container** for air-fr- 074034

INSULIN

Influrence of **insulin deficiency** on phosphor- 074713
Plasma insulin & growth hormone in dairy 074504

INSURANCE

of horses in **insurance & accidents.** 075527
Problems of slaughter **animal insurance** in s- 073209
Formation & utilization of **insurance fund** on 073128
Once again: **health insurance** of farmer. 072682
State **insurance serving** socialist animal ind- 073144
Insurance of **slaughter** animals & marketing 073207

of extending **unemployment insurance** to agr- 072984

INTAKE
Effects of protein & **energy intakes** on wool 074868
on eating behaviour & **feed intake** in chicke- 074700
lactation on voluntary **feed intake** of Afrika- 075004
diurnal variation & relation to **food intake** 074504
Effects of **food intake** & fasting on 24-hourly 074699
White Leghorn cockerels upon **food intake,** 074751
grazing of dairy cattle. II. **Forage intake** of 074988
grazing of dairy cattle. III. **Forage intake** & 074989
date on digestibility & **intake** of **irrigated** fir- 074856
Factors **limiting intake** of feed by sheep. VII 074867
of increased postnatal **nutrient intake** on ki- 074975
responses to varying levels of **oxygen intake** 074655
calcium, magnesium & **phosphorus intakes** on 075031
supplementation on **intake** & **utilization** of d- 074959
influence of live weight on **voluntary intake** 075092
portal ciruclation in control of **water intake** 074513
Horizontal soil-**water intake** through a thin 081110

INTEGRATION
Integrated control systems are answer to po- 079245
Present-day problems of **integrated control** 079375
Some aspects of **integrated control** of weeds 079542
techniques is basis of an **integrated control.** 079639
studies in relation to **integrated control.** [In- 079647
Several aspects of **integrated control** of pests 079739
insecticide costs with **integrated control.** 079745
Integrated control against peach aphid in 1 079766
orchards, a first step in **integrated control.** 079797
Socialistic **economic integration** & developm- 073462
male technique & its role in **integrated insect** 079628
Integrated marketing. [Timber]. 076454
department for new **integrated meat** industry 074057
Problems of **integration** & **organization:** con- 077538
Theory & practice of an **integrated pest** con- 079640
Integrated pest management of apple insects 079811
Integration of **sanitation,** insecticides, & ste- 079804
wood as raw material in **integrated scientific** 076307
Integrated systems for utilizing waste heat f- 080740
problems related to **integration** of **veterinary** 075494
Integrated weed control--still of value? 079533

INTEGRATORS
Final notes on **feedstuffs integrators.** 074360

INTEGUMENTS
of Hypoderma bovis De **Geer integument** for 080381

INTENSITY
Reducing **capital intensity** in animal raising 073096
Effect of **light intensity** during growth of Si- 077621
tobacco plant. II. Effects of **light intensity,** 077740
variations of **intensity** of **longitudinal** growth 077916
capital-, labor-, & **material intensity** of prod- 072859
types of milking **intensity measuring** instru- 081000
Bias from **photo intensity.** [Forest surveys] 076293
crop yield, **photosynthesis intensity** & activi- 077564
composition & **respiration intensity** in ripen- 078016
Kinds & **intensities** of **soil** surveys. 081241
bulls fattened under **varying intensity.** 075116

INTENSIVE
of state management on **intensification.** [Liv- 072886
part of **intensification** of **agriculture.** 072742
Intensification of **apple** production (literatu- 078732
Weed control efficiency in **apple intensive** p- 079459
Effectiveness of **intensification** in **areas** of E- 073028
Intensification of **beef** production as a result 072889
Intensification, capital-, labor-, & material i- 072859
Intensive care of surgical patient. [Animals] 075543
Fundamentals for **intensification** of **cereal** p- 072810
of technology in **intensification** of **cereal** pr- 078295
Intensification of **cereal** production within c- 078301
adjusted cultivation in **intensive cereal** prod- 078309
fertilization for **intensification** of **cereal** pro- 078318
Trends of **intensive** & **economised** nitrogen f- 081350
competition as a means of **intensifying farm** 072888
Experience gained in **intensive fattening** of l- 075113
foundations of **intensification** of **fertilizer** use 081444
Mechanization for **further intensification** of 073483
For **further intensification** of agricultural pr- 073545
wheat breeds to **further intensification** of ce- 078316
Mechanization for **further intensification** of 080753
Studies on **intensive grazing** of dairy cattle. 074988
Studies on **intensive grazing** of dairy cattle. 074989
Drive to **implement intensive** potato growing 078313
of loess brown soils in **intensive manuring** w- 081470
are directions in **intensification** of **meadows** 078284
relation to other **intensification measures.** 081339
of feed supply in **intensive milk** production. 074947
storage & disposal from **intensive pig** units. 081859
On development of **intensive plans** in Germ- 073421
of micronutrients in **intensification** of **plant** 081455
efficiency in apple **intensive plantations.** 079459
Drive to implement **intensive potato** growing 078313
economic results by **intensified production** 073308
Role of Spring wheat in **intensive production** 078551
pregnant sows to **intensify production.** 080778
Some problems of **intensive rabbithusbandry** 080699
practicing in an area of **intensive raising** of 075557

Intensification & rationalization of carnation 078696
in sheep under **intensive rotational** grazing 075592
tasks for further **socialist intensification** of 081536
Intensification & stabilization of tomato pr- 078692
Experimental varieties for **intensive sweet** c- 078705
of scientists to **intensification** of of **swine** pr- 074472

INTERBREED
SEE BREEDING

INTERCALATION
Fine structure of **intercalary meristem** cells 077005

INTERCELLULAR
SEE CELLS

INTERCHROMOSOMAL
SEE CHROMOSOMES

INTERGOVERNMENTAL
SEE GOVERNMENT

INTERLABORATORY
SEE LABORATORIES

INTERNODES
intercalary meristem cells of **bulb internode** 077005
between cell enlargement in **pea internode** s- 078131
between cell enlargement in **pea internode** s- 078132
Mutation in length of **internodes** of **wheat.** 077260

INTERRELATION
of swine & their **interrelationships.** 074482
its **interrelationships** with **copper** in rabbits 074816
Nature & **economic interrelations** of repair 072858
On **economic interrelationships** among farms 073121
Interrelationships between **energy** indices & 080987
on **interrelations** between **heterozygosity** & 075173
Some problems on **interrelationships** of **inter-** 072949
group & **interrelations** with **Ixodes** ricinus (080585
interrelationships in **Pissodes** weevils: addit- 080509
Interrelationships between **radiation** conditi- 077720
carbohydrate: **triglyceride interrelationships** 073747
On **interrelationships** between **tuber** formati- 078186
Interrelationship between **type** & productivi- 075437
Interrelation between **water** depths & distri- 079958

INTERSEEDING
A machine for **pasture interseeding.** 080958

INTERSTITIAL
in cases of **interstitial pulmonary** emphysema 076100

INTESTINES
Intestinal absorption of choline in chick. 074566
ransomi-infection on **intestinal amino** acid a- 075983
composition of **bastro-intestinal** flora of artif- 074846
Calcium restriction & **intestinal calcium-**bin- 074593
by Escherichia coli & **intestinal coccidia.** 075658
lambs & their effect on **intestinal enzyme** ac- 075713
of controlling subclinical **gastro-intestinal** n- 075592
An anthelmintic test for **gastro-intestinal** n- 075785
method for studying **intestinal hemodynamics** 074519
coturnix n. sp. from **intestine** of a **Japanese** 075733
in dog for treatment of **intestinal nematode** 075582
of macromolecules in **intestines** of **newborn** 074684
postnatal growth of **intestine** at **Pekingnese** 074524
strontium absorption in **small intestine** of ch- 074611
Small intestine. [Dogs, surgery]. 075478
histology & biochemistry of **small intestine** 075712
secretion of enzyme in **intestine** of **white** mi- 075602

INTOXICATION
Acute arsanilic **acid intoxication** in pigs. 076116
which has consumed **intoxicated cabbage** lo- 080105
An episode of **intoxication caused** in calf by 076159

INTRACELLULAR
SEE CELLS

INTRACHROMOSOMAL
SEE CHROMOSOMES

INTRAMAMMARY
SEE MAMMARY

INTRAMUSCULAR
SEE MUSCLE

INTRANUCLEAR
SEE NUCLEAR

INTRAOCULAR
SEE EYES

INTRATHORACIC
SEE THORACIC

INTRAUTERINE
SEE UTERUS

INTRAVENOUS
Effect of **intravenous gossypol** injection on i- 074969
fibres during & after **intravenous infusions** of 074550
guinea pigs after **intravenous injection** of [1 073759
under shock caused by **intravenous injection** 074703
guinea pigs after **intravenous injection** of [1 076024
Effect of **intravenous noradrenaline** infusion 074516

INVASION
to broiler chickens of **corn invaded** by a pure 076135
Determination of **invasive larvae** of some ca- 075948
of nematodes, on **invasion** of **plants** & yields 079373
on hatch, movement & **root invasion.** [Lettu- 079310
Peanuts resistant to **seed invasion** by Asper- 079044
Losses due to Trichinella **spiralis invasions** 075754

INVENTORIES
Valuation of **inventories** on **cattle** farms & t- 073518
Control inventory of a stand surveyed in Ge- 076325
of angle count tests for **forest inventory.** 076260
site determination & **inventory** at **Institute** 076241
Aerial **photography inventory** of vegetation 076178

INVERSION
Inverse relationships between mass of breed- 079987
Occurrence of **inverted water** potential grad- 078101

INVERTEBRATES
Zonation of algae & **sessile invertebrates** in 076838

INVESTMENTS
needs South African know-how & **investment.** 073429
Capital investments & level of return. [Agri- 073016
Effectiveness of **capital investments** & prod- 073086
utilizing basic capital & **capital investments** 073113
calculations of **capital investments.** [Agricul- 073114
Capital investments & financing sources on 073122
frontier: a study of **human investment** & mo- 072780
evaluating range **improvement investments.** 073136
Investment policy in rural areas as an instr- 073082
employment following **public investment** in 073523
Evaluation of **public investments:** distributio- 081699
employment following **public investment** in 081700
redistribution to **reclamation investments.** 073134
Investment sequencing recognizing externali- 081730

INVOLUTION
Postnatal growth & **involution** of **thymus** in 074779

IODIDE
Content of **iodide** in some **food** produocts of 073915
Sorption of **iodide** by **soils** as influenced by 081112

IODINE
Thyroidal I [**iodine**] uptake of Japanese qua- 075043
Iodine content in cow's milk with cows fed 073983
region characterized by **iodine defieciency.** [076070
Treatment of disease by **iodo-**3, **hydroxy** 4, 075741
Use of **iodine test** to select minks for breed- 075299

IODOACETATE
alanine in presence & absence of **iodoacetate** 078888

IONIZATION
to chronic action of **ionizing radiation.** 077228

IONS
Sodium **ion activity** in soil suspensions. 081178
Harmful effect of **ammonium ion** on mineral- 081127
Ionic balance for barley as influenced by P 077665
Bicarbonate ions & resting potential of cock- 080222
Effect of magnesium & **calcium ions** on ade- 077838
pH [hydrogen-**ion concentration**]. 073944
Establishment of hydrogen-**ion concentration** 074012
eggs. 1. PH, [hydrogen-**ion concentration**] r- 074066
Effect of pH [hydrogen-**ion concentration**] 074067
Canning & pH [hydrogen-**ion concentration**] 074160
tension, pH, [hydrogen-**ion concentration**] 074538
Initial hydrogen-**ion concentration,** a factor 076998
different pH. [Hydrogen-**ion concentration**] 077838
effects of pH [hydrogen **ion concentration**] 077853
of low pH [hydrogen-**ion-concentration**]-ind- 077862
decrease in pH [hydrogen-**ion concentration** 078131
decrease in pH [hydrogen-**ion-concentration** 078132
role in pH [hydrogen-**ion concentration**] & 079205
pH [hydrogen-**ion concentration**] effects on 079608
Hydrogen-**ion concentration** dynamics of loe- 081470
by fertilizer pH [hydrogen-**ion concentration**] 081489
treatment by means of **ion exchangeers** appl- 074205
by heat, temperature, & pH [**hydrogen-ion** 073944
Establishment of **hydrogen-ion** concentration 074012
Pickled eggs. 1. PH, [**hydrogen-ion** concent- 074066
Effect of pH [**hydrogen-ion** concentration] 074067
Canning & pH [**hydrogen-ion** concentration] 074160
on blood gas tension, pH, [**hydrogen-ion** co- 074538
Initial **hydrogen-ion** concentration, a factor 076998
oat roots at different pH. [**Hydrogen-ion** co- 077838
kinetics & effects of pH [**hydrogen ion** conc- 077853
Inhibition of low pH [**hydrogen-ion**-concent- 077862
segments & decrease in pH [**hydrogen-ion** c- 078131
segments & decrease in pH [**hydrogen-ion-c-** 078132

of their role in pH [**hydrogen-ion** concentrat- 079205
of surfactant & pH [**hydrogen-ion** concentra- 079608
Hydrogen-ion concentration dynamics of loe- 081470
as influenced by fertilizer pH [**hydrogen-ion** 081489
Sodium ion activity in soil suspensions. 081178
of determining acitivity of **ions** in **soils**.1. St- 081005

IPOMOEA

for 1972. [<sorghum **halepense**, **Ipomoea** p- 079568
in Pharbitis seedlings. [**Ipomoea nil**]. 078011

IPS

by mechanical traps. [**Ips typographus**]. 079900
spruce bark beetles. [**Ips typographus**, Picea 079902

IRIDOIDS

elucidation of a new C15-**iridoid glucoside** fr- 077446
Iridoid glycosides in Scrophulariaceae family 077276
Iridoid glycosides of Phlomis tuberosa L. 077581

IRISES

Chemical weed control in tall **bearded iris**. 079615
heterothallic slime mould **Didymium iridis**. 077456
heterothallic slime mould **Didymium iridis**. 077457

IRON

gossypol in layer diets as influenced by **iron** 075040
activity assessed by using 59Fe [**iron**] & 51 075586
Absorption & translocation of **iron chelate** of 077785
Efficiency of **iron chelate** in control of apple 079323
Similar effects of **iron-chelating** agents & cy- 077620
Dynamics of pear growth & **iron chlorosis** p- 079322
Iron, copper & vitamin B12 levels in sheep 074711
of intramuscular injections of **iron-dextran** 075699
forest soils, depending on **iron extracted** by 081192
year after flooding dam lake at **Iron Gates**. 080500
Effect of **inorganic iron** on development of 073652
of rice in relation to **iron** & **manganese** upt- 077746
Iron, nickel, & chrome content of plants on 077477
Effect of zinc, copper, & **iron** on **ochratoxin** 077322
between P, Fe & Mn [**phoshporus, iron** & 081098
gossypol on absorption of **iron** by **rats**. 074972
Removing iron from stream water. 081619
gossypol injection on **iron utilization** in swi- 074969
anaemia in suckling piglets by **iron vitamin** 076035
Dynamics of manganese, boron, **zinc, iron,** 077305

IRRADIATION

incisor teeth of a calf. [Gamma **rays**]. 076108
ethyleneimine & ultraviolet & gamma **rays**. 077101
with various doses of gamma-**rays**. 077205
of genes determining sensitivity to X-**rays**. [077230
wheat seeds to irradiation by X-**rays**. 077210
parental forms, induced by gamma **irradiati-n** 077216
kilimandscharicum by low-dose X-**irradiation** 077344
with different **irradiation backgrounds**. 080277
odors induced by gamma-**irradiation** of **beef** 074025
effect of ethylenimine & gamma-**rays** in **case** 077219
Identification of **irradiated champignons**. 074315
to investigation of **cobalt** 60 **irradiation** effe- 079919
production in hens **continuously irradiated** as 074778
Effect of dose rate of X-**rays** on **damage** to 077227
after-effect of X-**irradiation** on **development** 077085
populations with **different irradiation** backg- 080277
in rabbits in **postirradiation disease**. 076132
Effect of split-**dose irradiation** on chromoso- 077203
by gamma-**irradiation** of **Drosophila** melano- 080429
investigation of cobalt 60 **irradiation effect** 079919
Noctuidae, from gamma-**irradiated females**. 079694
A comparison of X-**ray fluorescence** spectro- 077445
capacity in soils by X-**ray fluorescence**. 081045
Irradiated food. 073909
Is trade in **irradiated foods** allowable? 073671
sterility in progeny of **irradiated Glossina** m- 080264
gamma-**rays** under **greenhouse** conditions. 079874
cattle: 60Co [cobalt] **irradiation** of **infective** 075732
Heating by **infrared rays**. [Swine houses]. 080776
in Crepis capillaris during X-**ray irradiation** 077206
of cotton under gamma-**ray irradiation**. 077722
normal & UV[ultraviolet]-**irradiated larvae** 075588
A study of after-affect of **irradiation** in **line** 080444
repeated mating, of gamma **irradiated male** 080215
Effect of **irradiation** on **mating** competitiven- 080344
Some results of X-**ray** & **neutron** application 077072
by UV [ultra violet]-**irradiation** in a **nisin**-p- 073938
lethals induced by **irradiation** of **pollen** grai- 077218
research on effect of **irradiation** on **potatoes** 074257
on developmental rate in X-**irradiated pupae** 080248
in Crepis capillaris during X-**ray irradiation** 077206
of cotton under gamma-**ray irradiation**. 077722
wheat seeds to **irradiation** by X-**rays**. 077210
of gamma-**irradiation** on **recombination** in ri- 077110
effect of gamma-**irradiation** on **release** of mi- 081088
dormant Crepis capillaris **seeds irradiated** w- 077205
radiation with direct gamma **rays** in **stamen** 077130
Somatic resistance to X-**ray treatment** in D- 080277
lesion formation by **ultraviolet irradiation** on 079158
ethylenimine & gamma-**rays** under **various** 077225
Effect of X-**rays** on **virulence** of Theileria a- 075945

IRREVERSIBILITY

evaluation & testing **irreversible demand** fun- 073149

IRRIGATION

Advances in Israel's **irrigation**. 081615
structure & water usage in **irrigation**. 081658
Computer application for **irrigation**. 081679
Why **irrigation?**: Towards a demystification 081682
Hydrogeology & **irrigation**. 081684
Institute of Water Economy. [**Irrigation**]. 081716
management & system design for **irrigation** 081741
Water & **irrigation according** to treatises on 081687
on exploitation of large **area irrigation**. 081711
to check waterlogging of **irrigated areas**. 081640
ground water salinization on **areas irrigated** 081698
simulation model for **assessing irrigation** re- 081660
Possibilities of **automating irrigation**. 080845
1970 Fertilizer trials on **irrigated beans** in c- 081519
Better irrigation--essential to improving agr- 081616
of waterlogging in a non-**canal irrigated** tract 081631
rise of ground water due to **canal irrigation** 081634
water & its suitability for **irrigating certain** 081668
Management for **irrigations** of **Cetate**-Galic- 081690
yield under non -**irrigation conditions**. 078465
technology under **irrigation conditions**. 081691
specialization under **irrigation conditions**. 081709
Using liquid manure on **irrigated cultivated** 081526
New alfalfa varieties for **irrigated cultivation** 078512
according to a **differenciated irrigation** regi- 081710
Bibliography of **irrigation, drainage,** river tr- 081688
Drip irrigation experiments with avocados in 081606
Drip irrigation: an old idea in new fields. 081758
varieties of grapes under **irrigated** & **dry**-fa- 078024
vulgaris L.) under **irrigation** or in **dry** condit- 078621
Irrigation & environment. 081674
of sunk hydrants for **irrigation equipment**. 080846
of new overhead **irrigation equipment** for Vo- 080884
Better **irrigation--essentia**l to improving agr- 081616
Drip **irrigation experiments** with avocados in 081606
of using groundwater for **irrigating farm** cro- 073109
control policy effects on **irrigated farms**. 073557
effectiveness of **irrigation** & **fertilization** of 073048
varieties under **irrigation** at three **fertilizer** 078792
Relation between **irrigation** & **fertilizing** in 078485
areas associated with **irrigated fields:** a prog- 079973
on digestibility & intake of **irrigated first**-cr- 074856
Effect on hemp crop or **irrigation** with **flax** 078463
possibilities to improve **irrigated forage** plant 078581
saligna with **irrigation** from **ground**. 076350
potassium & **irrigation** on **growth,** yield & f- 078070
Effect of **irrigation** on **growth** & yield of app- 078072
land classification for **irrigation Guadalupe** 081149
Some possibilities to **improve irrigated** fora- 078581
SDI. [Stress day **index, irrigation**]. 081703
strategies for Navajo **Indian Irrigation** Proj- 073550
qualitative valuation of non-**irrigated lands** of 072773
Organization of labor on **irrigated lands**. 072825
role of forest stands on **irrigated lands**. [Wi- 076216
of grain sorghum under **limited irrigation**. 077641
Hose **line irrigation** sets. 080792
area clearwater/liquid-**manure irrigation**. 081414
Factors related to **irrigation** of **Maryland** to- 081705
Politics & strategy in **irrigation matters**. 073495
Irrigation methods in today's agriculture. 081685
Effect of **irrigation methods** on productivity 081715
Irrigation, mineral fertilizing & planting de- 078483
Nitrogen fertilizer trials on **irrigated navy** b- 081477
Is pre-plant **irrigation necessary** this year? 081659
Cul) in a plantation **orchard irrigated** by spr- 081665
Development of new **overhead irrigation** equ- 080884
Plants for **irrigated pasture**. 078472
Grass mixes for **irrigated pastures** in northe- 078583
of mosquito larvae in **irrigated pastures**. [A- 079966
for a planned yield in **irrigated pastures**. 081511
Productivity of **irrigated pastures** with mine- 081512
with development of rollable **irrigation pipes** 080847
Is pre-**plant irrigation** necessary this year? 081659
between two methods of **irrigating pots** in a 078491
Irrigation as a **practical** means to control p- 079136
for Navajo Indian **Irrigation Project**. [New 073550
potentials: Tungabhadra **Irrigation Project,** 081701
on rentability of **irrigation projects:** Case a- 073071
Public **irrigation projects,** windfall gains, & 073130
rice growing without **irrigation projects** in s- 078264
on rentability of **irrigation projects:** Case a- 081683
financial feasibility of **irrigation projects** wi- 081744
Public irrigation projects, windfall gains, & 073130
in experiments with **irrigation regime** of cro- 077945
to a differenciated **irrigation regime**. 081710
model for assessing **irrigation requirements** 081660
western Surinam as an **irrigation reservoir**. 081669
Return irrigation water in Hawaii. 081739
with development of **rollable irrigation** pipes 080847
of maize grown in area of **Rousse irrigation** 078483
yield as influenced by **irrigation schedule,** cu- 078261
Irrigation schedules in an avocado plantation 081607
An experiment in **irrigation scheduling**. [Su- 081604
Irrigation scheduling for grain sorghum. 081612
Hose line **irrigation sets**. 080792
Water loss from an **irrigated sorghum** field: 077668
Water loss from an **irrigated sorghum** field: 081012
Water loss from an **irrigated sorghum** field: 081013
Effect of **sprinkler irrigation** as well as conc- 078297
Mineral fertilisation by **sprinkler irrigation** 081348
Frequent low-volume **sprinkler irrigation** of 081597
Effect of **sprinkler irrigation** as well as conc- 081613
operation of heavy-duty **sprinkler irrigation** 081617
Sprinkler irrigation for coffee. II. Studies on 081656
using trickle & **sprinkling irrigation** systems 081607
equipment of **stationary irrigation** system. 080891
Irrigation of **sugar** beet in Danube region ac- 081710
Summer irrigation in sandy & sandy loam s- 081611
grown in area of Rousse **irrigation system**. 078483
equipment of stationary **irrigation system**. 080891
using trickle & sprinkling **irrigation systems** 081607
of heavy-duty sprinkler **irrigation systems**. 081617
Effect of **irrigation** by **thermal** water on mi- 081184
of waterlogging in a non-canal **irrigated tract**- 081631
use potentials: **Tungabhadra Irrigation** Proj- 081701
A sportsman **views irrigation**. 081676
Effect of an **irrigation wastewater** quality st- 081755
distribution costs of **irrigation water** to an e- 073135
Effect of chloride level in **irrigation water** on 077928
stationary method of clear **water irrigation** 080720
Return **irrigation water** in Hawaii. 081739
Irrigation of **wheat**. 081706
of traits of productivity in **irrigated winter** 077246

ISCHEMIA

conditions & during **acute ischemia** & fibrill- 074514

ISOCITRATES

Isocitrate lyase in green leaves. [Spinach, 077533

ISOELECTRIC

from Avena seedlings by **isoelectric focusing**. 077869

ISOENZYMES

alanine **aminotransferase isoenzymes** in leav- 077326
alanine **aminotransferase isoenzymes** operat- 077327
Behavior of **isoenzymes** of **creatine** phospho- 074585
Lipoxygenase isoenzymes from Solanum tub- 078115
activity & **isoenzymes** in **spermatozoa,** tissu- 075330
characteristics of **isoenzymes** of **wheat** germ 077874

ISOLATION

Isolation of **alkaline** proteinases from Asper- 077362
of Laganiaceae· **isolation** of new **alkaloid** fr- 077552
of seed germination: **isolation & analysis** of 078096
a strain of Pasteurella **anatipestifer isolated** 075579
producing potential of **isolates** of **Aspergillus** 079025
of riboflavin. I. **Isolation** of **auxotrophs** & st- 077411
factors in Bordetella **bronchiseptica isolated** 075636
in Volvox: **isolation & characterization** of m- 077140
in Finland. II. **Isolation & characterization** 079948
hydei]: **isolation & characterization** of chro- 080201
Isolation & some **chemical** properties of asp- 075274
Isolation & chemistry of alkaloids of genus 078147
RNA polymerase in **isolated chloroplasts** of 078110
on partial reactions in **isolated chloroplasts**. 077407
An **isolation & cleanup** procedure for low le- 073584
resistance in Escherichia **coli isolated** from 075629
some serotypes of Escherichia **coli isolated** 075964
typing of strains of Escherichia **coli isolated** 075972
R-, & S-caseins: their **isolation, composition,** 073946
conditions on **isolation** of **cottonseed** protein 074161
Isolation of a **cytophathic** agent from plasma 076056
Isolation of **diapause** hormone from silkworn 080675
Pichon) Pich.: **Isolation** of a **dimer** alkaloid, 077527
Isolation of **Dursban** & diazinon from milk. 073695
Isolation of an **endopeptidase** from aging to- 077966
properties of **enteroviruses isolated** from sw- 075930
Effect of ribonuclease **fractions isolated** from 075246
Fungi isolated from bovine mycotic abortion 075834
of Dolichos biflorus: **Isolation & general** pr- 077365
resistance of two flavonic **glycosides isolated** 077526
of Loganiaceae: On **isolation** of **harmane** fr- 077524
Isolation & identification of flavor compone- 074224
Isolation & identification of capsaicin & alli- 078045
Papaver. LVIII. **Isolation & identification** a- 078147
digestion method for **isolation** of **light** filth 073576
growth & differentiation of **isolated maize** (077704
enzymes in **isolated mesophyll** cells & bund- 077354
recorded in vivio & after **isolation** by **micro**- 077618
other alkali metals by **isolated midgut** of sil- 080667
oxidative rancidity in **isolated mitochondrial** 073652
sp. & Penncillium sp. **isolated** from **mouldy** 075776
antibody method of **Mycoplasma isolated** fr- 075777
Isolation of T-**mycoplasmas** from goats, & p- 075727
on a drug-resistant **ovine isolate** of Haemon- 075697
Isolation of **Pasteurella** multocida Carter's 075768
composition of protein **precipitates isolated** 074207
Myogenic peristalsis in **isolated preparations** 074574
Methods for **isolation & purification** of etha- 077503
Reproductive isolation of tow tortricid moth 080421
Isolation of **rhinovirus** from calves in Italy. 075583
of Arachis spp. & **isolation** of **Rhizobia** from 077816
of Arachis spp. & **isolation** of **Rhizobia** from 079130
Isolation of **Salmonellae** from pork carcasses 073565
Isolation of **seco**-iridoide derivatives of Ant- 077517
Isolation of **seed**-borne fungi from castor se- 079017
of Mycobacterium avium **strains isolated** in 075747
Isolation of **structural** polypeptides of foot- 075957
Isolation & structural elucidation of liatrin, 077440
plant. XVIII. **Isolation & structure** elucidat- 077446
Isolation & structure of sex-pheromone of 080323

Isolation, structure, & absolute configuration 080368
Isolation of swine parvovirus in Queensland 075644
Arboviruses in Finland. I. **Isolation of tick-** 079947
of poly-L-ornithine on **isolated tobacco mes-** 077877
Isolation of toxin, altenuisol, from fungus, A- 077599
Isolation of Trypanosoma (Trypanozoon) rh- 075595
Isolation of virus of infectious bovine rhinot- 075921
Western North America. I. **Viruses isolated** 080001
Isolation of Wanowrie, Thogoto, & Dhori vi- 080000
tissue & differentiating **xylem isolated** from 078233

ISOMERS
Activity of **asymmetric isomers** of abscisic a- 077885
Fatty acids in **isomerized hop** extracts & gu- 073862
effect of **isomer pretreatment** of lindane me- 074641

ISOPODA
anomalies found in Oniscoidea. **Isopoda** 2. 080439
albifrons from Iceland. **[Isopoda, Asellota].** 080489
albifrons) ischiosetosa **(Crustacea, Isopoda).** 080189
ecdysis of various **Crustacea Isopoda.** 080324
species from Greece **(Crustacea, Isopoda).** [080638
balani Buchholz **(Isopoda, Epicaridea).** 080194
Crinoniscus Perez, 1900. **[Isopoda Epicarid-s,** 080488

ISOPODS
Two new terrestrial **isopod species** from Gr- 080638
Behavioural adaptions of **isopod Tylos** granu- 080457

ISOPTERA
glandular system of Blattaria & **Isoptera.** 080296

ISOTHIOCYANATES
isothiocyanates in a **single** test. [Rape, turn- 077993

ISOTOMIDAE
Folsomia candida (Collembola: **Isotomidae)** 080331

ISOTOPES
of fruit juices by **isotopic analysis.** 074254
Isotope fractionation of 15N & 14N in micr- 081108
Analysis of **isotopic kinetics** for study of bio- 077492
acids tagged with **radioactive isotopes.** 080381

ISOZYMES
Genetic control of **isozymes** of **acid** phospha- 077147
Evidence for three **isozymes** of **chorismate** 077698
Chorismate **mutase isozyme** patterns in three 077363
A **photorepressible isozyme** of malic enzyme 077443

ITHOMIIDAE
of Hymenitis nero (Lepidoptera: **Ithomiinae** 080392

IXODES
Ixodes (Partipalpiger) ovatus Neumann, su- 080572
On occurrence of tick **Ixodes eldaricus** Djap 080021
of larva & nymph of tick **Ixodes gibbosus** N- 080207
Ecology of tick **Ixodes gibossus** nuttal, 1916 080208
of southern branch of **Ixodes persulcatus** gr- 080585
I. Viruses isolated from **Ixodes uriae** in coas- 080001

IXODIDAE
Hewitt, 1925 (Ixodoidea: **Ixodidae).** [Dogs] 080016
ecology, & distribution (Ixodoidea: **Ixodidae** 080572
behavior of lone star tick (Acarina: **Ixodidae** 080347
Dermacentor silvarum Ol. **(Acarina, Ixodid-e)** 080376
recreational sites. **[Dermacentor andersoni,** 079994
persulcatus group **(Parasitiformes, Ixodidae(** 080585

IXODOIDEA
theileri Bedford & Hewitt, 1925 **(Ixodoidea:** 080016
hosts, ecology, & distribution **(Ixodoidea:** I- 080572
itholozani **(Ixodoidea, Argasidae).** 080345

JAMS
thei r change in **jam production.** 073585

JAPONICA
Age distribution of **Allolobophora japonica** 081124
microscopy. [Coturnix **coturnix japonica].** 074724
Japanese quail (Coturnix **coturnix japonica)** 075324
Japanese quail (Coturnix **coturnix japonica).** 076139
structure of "sugi", **Cryptomeria japonica** D 078246
Heteroderidae). [Zoysia **japonica, Cynodon** 079318
of gametophytes of **Lygodium japonicum.** 076892
beetle in New York. **[Popilla japonica].** 079847
in soybeans crops. **[Rhizobium japonicum].** 081201
methacrylamide (dicryl). **[Rhizopus japonic-s]** 079481

JASSIDAE
devastans (Dist.) (Homoptera: **Jassidae)** 1. 079831

JOHNSONGRASS
for control of **johnsongrass** in **Burleson** Cou- 079568
Johnsongrass rhizome control in soybeans w- 079518
of bermudagrass & **johnsongrass & tubers** of 079478

JOWAR
SEE DURRA

JUGLANS
of Skopje (Macedonia). **[Juglans regia].** 078748

JUGULAR
oestrone & progesterone in **jugular venous** p- 075174

JUICES
a process for reducing **juice bitterness.** 074282
Second **carbonation juice** treatment by mea- 074205
experiments for **demineralizing juice** after s- 074247
Inhibition of darkening of **diffused juices.** [074159
nitrogen in sugar beet & in **diffusion juice** ii 074175
Fruit **juice-flavoured** milk, a healthy bevera- 073776
of unfermented must,. **[Fruit juices].** 074065
Control of authenticity of **fruit juices** by iso- 074254
of rennin & pepsin in bovine **gastric juice.** 074567
Aroma changes in **orange juice.** II. Aroma c- 074262
loss & ethonol buildup in **juice** of **oranges.** 074281
of some variances of raw **juice purification.** 074173
of raw sugar from **sorghum juices.** 074212

JUNEBERRIES
Cultivation of **serviceberry,** (Amelanchier ca- 078863

JUNIPERS
Conservation of **juniper.** I. Present status of 076695

JUNIPERUS
in southern England. **[Juniperus communis]** 076695
Tanacetum vulgare, **Juniperus sabina].** 077553

JUTE
Macrophomina [phaseoli] stem rot of **jute.** 079084
Intergovernmental group on **jute, kenaf** & al- 073358
Intergovernmental group on **jute, kenaf** & al- 073359
of Intergovernmental Group on **Jute, Kenaf** 074108
Rayon grade pulp from **jute sticks.** 074097

JUVENILE
Juvenile hormone analogs as in vitro inhibit- 074639
Juvenile hormone makes monster insects. 079623
Activity of two **juvenile hormone** analogues 079633
effects of two **juvenile hormone** analogues on 079636
Significance of natural **juvenile hormone** in 079641
growth regulators with **juvenile hormone** act- 079643
Studies with a **juvenile hormone** analogue for 079968
Juvenile hormone analogs as in vitro inhibit- 080082
of diet on response to **juvenile hormone** in 080251
of bioactive compounds: **juvenile hormone** m- 080298
growth regulators with **juvenile hormone** act- 080299
Gonadotrophic effect of **juvenile hormone** in 080326
of a new natural insect **juvenile hormone** fr- 080368
experimentation on **juvenile leaves** of Paulo- 076991

KABATIELLA
Eyespot of maize **(Kabatiella zeae** Narita & 079067

KAFIR
disease in African buffalo **(Syncerus caffer).** 075787

KALE
Kale--direct seeding in spring. 078720

KAPOK
performance of two **Kapok varieties.** 078308

KARAKUL
upon gestation period of **Karakul ewes** & fur 075003
types & groups of **Karakul sheep.** 075419

KARYOLOGY
Karyological & taxonomic observations on 076669

KARYOTYPES
Karyotype analyses of Pissodes weevils: evi- 080508
Karyotype analysis of Triticum paleocolchic- 077253
Two **basic karyotypes** in grass genus Aira L 076743
Karyotypes of some **cultivated** species of ge- 076907
study of "synthetic" **karyotypes** of **Vicia** faba 077103

KATYDIDS
Wasps as a defense mechanism of **katydids.** 080175

KENAF
spectral determination of lignin. **[Kenaf].** 073912
Intergovernmental group on **jute, kenaf** & al- 073358
Intergovernmental group on **jute, kenaf** & al- 073359
of Intergovernmental Group on **Jute, Kenaf** 074108

KERATITIS
Check keratitis in your calves. 075724

KERATOCONJUNCTIVITIS
Keratoconjunctivitis sicca secondary to frac- 076091

KERATOSE
Influence of sex on **keratose level** & aminoa- 074701

KERNELS
Studies on grinding of cocoa **bean kernels.** 073905
Studies on grinding of cacao **beans kernels.** 073903
potassium in almonds & in **kernels & flesh** of 078067
of triglycerides from **maturing kernels** of co- 077823
on protein content & **kernel size** of malt bar- 077934

KETOGENESIS
Age features of **ketogenesis** in **swine.** 074832

KETONES
of adrenalectomy on level of **ketone bodies** 074710
III. Reaction of **ketone Mannich** bases with 080062

KETOSIS
Ruminant ketosis, iI. secondary ketosis. [Ca- 076061
Ketosis situation. [Cattle]. 076039

KETTLES
Time-thermal transfer study of a **brew kettle** 073893

KIBBUTZ
Kibbutz-an agricultural-industrial village. 072670

KIDNEYS
Acer pseudoplatanus) & of red **kidney bean** 076963
beans (Phaseolus vulgaris L.) **[Kidney beans** 074204
in Pelotas, RS, Brazil. **[Kidney beans].** 077027
east of Scotland. [Sunflowers, **kidney beans]** 077428
acid in light grown stems. **[Kidney beans,** p- 078094
of abscission by calcium. **[Kidney beans].** 078122
of Phaseolus vulgaris. **[Kidney beans].** 078130
size & root rot resistance. **[Kidney beans].** 078918
Changes of permeability. **[Kidney beans].** 079193
ethyl & its methyl analogue. **[Kidney beans]** 079306
yield per hectar in fields of **black kidney** be- 078621
postnatal nutrient intake on **kidney cellular** 074975
into muclear RNA of **rat kidney** by vitamin 074544
dehydrogenase" from **sheep kidney.** 074503
Kidneys & urethra. [Dogs, surgery]. 075483
Kidney vascular supply in rat, cat & dog. 074500

KIDS
SEE GOATS

KILLING
potatoes planted in **chemically killed** rye. [081553
of nitrogen rates & dates of **vine killing** on 081331

KINETICS
uptake by plants. **Absorpitin kinetics** & effe- 077853
hydroxyurea. Application to **kinetic analysis** 076897
horseradish peroxidase. XIII. **kinetic effect** 077381
metabolic balance & **elimination kinetics** in 074648
iridis. 1. Fusion assay, **fusion kinetics** & cul- 077456
Analysis of **isotopic kinetics** for study of bio- 077492
first-order **phototransformation kinetics** in v- 078145

KINETINS
effect of indoleacetic acid & **kinetin** on **cell** 077758
Effects of **kinetin, gibberellins** & (+) absci- 078105
Effects of **kinetin** on **permeability** of Allium 078123

KITCHENS
Hygiene in **restaurant kitchens** with special 073656

KLEBSIELLA
with special reference to **Klebsiella mastitis** 075879

KNOTS
Studies of root-**knot nematode** control in gi- 079383
Control of root **knot nematodes** Meloidogyne 079356

KNOTWEED
of root & green material of **knotweed.** 9. D- 077679
of roots & green material of **knotweed.** 10. 077680
chemical composition of Weyrich's **knotweed.** 077681
of roots & green material of **knotweed.** 11. 077682
of roots & green material of **knotweed.** 14. 081036

KOHLRABI
on growth & development of **kohlrabi** (Brass- 078012

KOSTROMA
enzymes of blood serum of **Kostroma cattle.** 074824

KRAFT
Considerations in converting **existing kraft** 081857
Kraft mill fallout & ground beetle poplulati- 080197
high-purity oxygen for treating **kraft mill** w- 081851
KMnO4 no. & Kappa no. for **kraft pulps.** III 076513

LABELING
Survival time of erythrocytes (DF22P **label)** 074731
blood-to-milk transfer of **labeled antibiotics.** 075637
production of **carbon-**13 **labeled** sugars: toba- 077693
solieri clairi Gehin: **Labelled** as **coming** from 080547
of chlorine-36 ring-**labeled DDT-**residues in 080047
distribution of **differentially labeled** in dolea- 078094
attachment of RNA to pulse-**labeled DNA** in 077351
Nutrascape. **[Food labeling].** 073613
Incorporation of **label** into **intercellular** sub- 076880
Metabolism of specifically **labelled lactate** 074667
Tissue distribution of **labelled material** in vi- 073759
Methylmethionine labeling of a higher plant 077697
How **must labeling** of packaged milk & milk 073653
t meet population needs. **[Nutrition labeling** 073611
Consumer reaction to **nutritional labels** on f- 073638

distribution of **labelled organic** molecules fol- 078109
nutrition information on food **product labels** 073304
Investigations with **labelled urea** on lactating 074864

LABIATAE
Trichostema dichotomum L. **(Labiatae)** new 076634
of growth in **Ocimum kilimandscharicum** by 077344
factors on sprouting of **Lavandula seeds.** 078885
performance tests with **Lavandula varieties.** 078883

LABOR
industry moves into a rural area. [**Labor**]. 072755
work site is changing its appearance. [**labor**] 076299
efficiency of using **agricultural labor** resourc- 072954
Intensification, **capital-**, **labor-**, & material i- 072859
More **labor & capital** for forest fertilization 076298
Labor doubts of a disillusioned farmer. [Bra- 072925
Stopping drift of **farm labour.** 072807
for farmers. [Agricultural **finance, labor**]. 073053
means of production & **labor force.** 072814
Substitution of **labour force** by active funds 073411
Productivity of **labor** & how to **increase** it. 072821
Increasing labor productivity. 072839
Means of **increasing labor** productivity in ca- 072955
Means of **increasing labor** productivity on 072962
Organization of **labor** on **irrigated** lands. 072825
of brigade organization of **labor** in **livestock** 072974
Results of **manual labor**-saving sugar beet cu- 072876
with low or no input of **manual labour.** 078708
with small input of **manual labour.** 079457
Mechanization, labor & time in multiple cr- 072794
Labour organisation in a young-cattle rearing 072932
for increased woods **labor organization.** 076286
Planning & analysis of **labor productivity.** 072837
Increasing **labor productivity.** 072839
Means of increasing **labor productivity** in ca- 072955
conditions for growth of **labor productivity.** 072956
Means of increasing **labor productivity** on 072962
in floriculture. [**Labor requirements**, Dianth- 072921
in bulb growing. [**Labor requirements**, Tulipa 072922
of using agricultural **labor resources** in scien- 072954
Results of manual **labor-saving** sugar beet cu- 072876
of fixed assets economy & **labour-saving.** 072889
Induced calving--a **labor saving** tool. 075218
Labor-saving in vegetable growing. 1. Mech- 078674
*** 078677
distribution of **labor & specialization.** [Agri- 072741
Labour standardization, remuneration & inc- 072891
On moderating seasonality of **labor** on **state** 072945
Scientific Organization of **Labor** on **swine** b- 072973
Prospects for increased **woods labor** organiz- 076286

LABORATORIES
Veterinary science in **lab.** 075508
Rearing & biology of horn fly in **laboratory:** 079988
species of mammals. [**Laboratory animals**, li- 074570
serum from different **laboratory animals.** 075678
Parenteral infection of **laboratory animals** w- 075842
in experiments on **laboratory animals.** [swine 075961
of preservatives for **laboratory animals.** 076170
Affecting Man & **Animals Laboratory.** 080030
Usual & unusual **laboratory animals.** II. Sp- 080424
laboratory technicians to **become laboratory** 072630
California soils under **laboratory conditions.** 080051
in larval stage under **laboratory conditions.** 080343
Laboratory control in feed plant. 074361
of milking cows. I. **Laboratory diagnosis**, lis- 075750
Laboratory diagnosis of transmissible gastro- 075904
by fresh serum from **different laboratory** an- 075678
Synthesis & **laboratory evaluation** of 1-(2,6- 079642
Way for agricultural **female laboratory** tech- 072630
slaughter-houses & **field laboratories** of Vete- 075753
Comparison of **laboratory & field** estimation 079194
Laboratory & field investigations with orga- 079763
solani under **laboratory, greenhouse** & field 079027
Laboratory & greenhouse tests on varietal s- 079418
Laboratory incubation studies of chlorophen- 081218
Laboratory investigation of secondary attrac- 080217
Laboratory investigations on life-cycle of Rh- 080016
Laboratory medicine: new techniques. [Vete- 075538
Sampling for **laboratory medicine** procedures 075539
research at **Laboratory** of **Phytopathology**, 078951
Western Utilization **Research Laboratory**] 079929
Remote **sensing lab**; surveying Minnesota's 081822
of Brugia pahangi in **laboratory strains** of A- 080005
apple trees in Poland. X. **Laboratory studies** 079865
Laboratory studies of production of fluid fer- 081355
Laboratory study of biological cycle of Ana- 080423
to become **laboratory technicians** in biology 072630
of Tarn & Aveyron [**Laboratory** for **Testing**, 074041
Laboratory testing of technological value of 074190
Interlaboratory testing of average polymeri- 074193
Laboratory tests of natural decay resistance 076544
Usual & **unusual laboratory** animals. II. Sp- 080424

LABORERS
Are we going to be **skilled laborers** of tomo- 072687

LAC
Palearctic species of genus **Lampra Lac.**, (C- 080581

LACRIMATION
Stenosis of naso-**lacrimal duct** in horse. 075860

LACTALBUMINS
protein concentrate & cas **ein-lactalbumin** by 074533

LACTASES
problems concerning deficiencies of **lactase.** 073757
Lactase & other **enzymes** bound to a phenol 073942

LACTATES
fatty acids, glucose & **lactate** in **blood** of pigs 074553
Metabolism of specifically **labelled lactate** 074667

LACTATION
treatment on **lactation** in **crossbred** Bos indi- 075195
breeding sows during **lactation** at **different** 075121
to ovulation & oestrus in **lactating** & **dry** ew- 075260
hormone] discharge in **lactating** & **dry** sheep 075278
pregnancy, parturition & **early lactation.** 075350
Lactational failure in sow with special refer- 075879
in ovine pituitary **lactogenic hormone.** 074562
Lactation as an **indicator** in planning milk p- 074480
ovulation time in **nonlactating mares** given 075184
for Wisconsin dairyman. [**Lactation records**] 074375
Lactation records adjusted for days open in 075256
with labelled urea on **lactating ruminants.** 3. 074864
Effects of **lactation, suckling** & oxytocin on 075277
composition of ilk **throughout lactation** in g- 074589
cattle in pregnancy-to-**lactation transitional** 075021
of pregnancy & **lactation** on **voluntary** feed 075004

LACTIC
Fat hydrolysis by **lactic acid** bacteria in che- 073966
phosphokinase & **lactic dehydrogenase** in ra- 074585
Distribution of **lactic dehydrogenase** activity 075330

LACTOBACILLUS
of implantation of **Lactobacillus acidophilus** 074720
Saccharomyces **exiguus, Lactobacillus** san fr- 074187

LACTOGLOBULINS
variety of beta-**lactoglobulin** in **sheep** milk. 074834

LACTONES
containing GDL. [Glucono-delta-**lactone**]. 074019
series containing a C28-19 **lactone group.** [078203
a novel antileukemic **sesquiterpene lactone** f- 077440

LACTOSE
Lactose intolerance. 073725
Digestion of **lactose** & **problems** concerning 073757
bovine mammary tissue: **lactose synthesis.** 074659

LACTUCA
on germination of lettuce **(Lactuca sativa).** 078105

LAELAPIDAE
Acarina: **Laelapidae, Hirstionyssinae)** from 080571

LAGS
phalanx (PI) in horse: fixation by **lag screw** 076162
Time lags in increased manufacturing emplo- 073523

LAKE
muscicolous Collembola from Sidobre **(Tarn)** 080437
by LECARIM on tawers of **Tarn & Aveyron** 074041

LAMBING
Influence of season of **lambing** on **Post**-part- 075260
impregnation of ewes after **winter lambing.** 075391

LAMBS
consumption relation of beef & **lamb** in West 073243
A new concept of processing beef & **lamb.** 074035
Whole wheat grain feeding of **lambs.** III. R- 074870
of crop residues for beef cattle & **lambs.** 074915
gained in intensive fattening of **lambs.** 075113
biochemistry of small intestine of **lambs.** 075712
of some immunity parameters in **lambs.** 075798
Hepatic ascariasis in **lambs.** 075907
against tapeworm Moniezia sp. in **lambs.** 075949
deficiency & in selenium poisoning of **lambs** 076019
Whole wheat grain feeding of **lambs.** II. Gr- 074869
iron-dextran on ovine haemonchosis. [**Lambs** 075699
We can produce a more **acceptable lamb!** [074588
Postmortem shrinkage of **lamb carcasses.** 074023
result & carcass value of **crossbred lambs.** 075109
of lambs. II. Growth of Merino **lambs early** 074869
battus in 8-month-old **lambs** & their **effect** 075713
Breed range-raised **ewe lambs.** 075220
affecting weight & fertility of **ewe lambs.** 075251
Florida Native & Rambouillet **lambs exposed** 075613
Experimental infection of **lambs** by L-**forms** 075985
Dahl) M. **Lamb**, two more **hitherto** overloo- 076738
investigations on **lamb kebabs** "torcinelli. 073692
serpuloides M. **Lamb**, only **known** permane- 076739
of lambs. II. Growth of **Merino lambs** early 074869
of selenium responsive **myopathic lambs.** 074795
fur characteristics of their **newborn lambs.** 075003
response of 1-month-old **lambs** to **normal** & 075588
on udder & fattening **pasture lambs** in Iran 075847
Increasing loss of sheep & **lambs** on **pasture** 080025
in Florida Native & **Rambouillet lambs** exp- 075613
sterile (Sav.) M. **Lamb** & **Stereocaulon** groe- 076738
More profit from **store lambs.** Guide lines f- 073344
globulin levels in **lambs** under a **week** old. 075912

LAMELLA
Granulation value of **lamina** of **cereals** (with 077062
Pre-existence of **chlorplast lamellar** proteins 077731

LAMENESS
expression of pain. [**lameness, cows**, pigs, d- 076011
Foot lameness in cattle. 076157
Foreleg lameness in dog. 076151

LAND
area during period 1966/1971. [**Land** use]. 072720
areas during period 1966/1971. [**Land** use]. 072721
information for growth development on **land** 072728
Analysis of productivity of **land.** 072740
work in economic valuation of **land.** 072745
Lease in a dynamic economy. [**Land**]. 072750
for multiple-use management. [**Land**]. 072774
Lower Saxony cooperation for men on **land** 072792
in land settlement & **land** use **activities.** 076380
hectares of valuable **agricultural land.** 072751
in newly cleared & old **agricultural land.** [C- 079307
Recent developments in **agriculture, land** & 072718
Alabama--land of longleaf pine. [Pinus palus- 076176
Land appreciation & capital structure of fa- 072777
Land-use changes which affected Georgia's f- 076331
Tudors & **church lands:** economic problems 072733
Land classification, a basis for development 072729
Soil associations & **land classification** for irr- 081149
New law on **land consolidation,** a first step 072764
Crisis of **land** & its **control** over rural comm- 072753
for dairy farms with varying **cow-land** ratios 072908
Reforestation of Pinus **cutover lands.** 076364
crops in crop rotation on **developed land.** 078517
Land development planning. 072735
Land development, an integral part of inten- 072742
European land use perspectives. 072778
Maps for **evaluating land** resources of regio- 072756
migration of wood mice between **farm-land** 079321
in northern part of Zitava **flat land** (southw- 076821
problems on development of **floodplain lands** 081567
Sale of state **forest lands** in Gavleborg distr- 076261
Land use & **forest** type classification propos- 076265
changes which affected Georgia's **forest land** 076331
New **land** of **Golodnaia** Steppe. 072738
Is there a future for **land-grant** college rese- 072690
Management of forested **grazing lands** in no- 076292
On new orientation in **land improvement** ra- 072727
for development of **land improvement** in m- 081543
Digging of **land improvement** ditches by me- 081544
Some remarks on **land incomes** & farm rents 073081
qualitative valuation of non-**irrigated lands** of 072773
Organization of labor on **irrigated lands.** 072825
role of forest stands on **irrigated lands.** [Wi- 076216
Laborand land-saving technologies. 072722
Land management & microclimate: Problem 072732
Land maps for regional planning. 072757
Marginal lands. 072766
from Vestfjella, Dronning **Maud Land.** 076737
situation in re-breeding **Merino land** sheep 075376
Grow your own steak? [**Land multiple** use] 072771
Productive grouping of winter **pasture lands** 072725
Efficiency of various **pasture lands.** [forage 078566
resources. [Water, **land, pesticides**]. 081876
Inference for **land planning:** A comprehensi- 072726
Better utilization of forage **plant lands** of K- 072976
displacements in leaves of **land plants.** 077281
Agriculture & **land protection.** 081797
Optimizing calf mix on **range lands** with lin- 072884
dairy farms with varying **cow-land ratios.** 072908
Improving effectiveness of **land reclamation.** 073015
Land reform in Iran. 072767
Function of **land register** in regions. 072769
evaluation of water & **land resource** use. 081736
Land resources of non-Chernozem zone. 072743
Maps for evaluating **land resources** of regio- 072756
Land use & **rural** development. 072772
policy: a simulation approach. [**Rural lands**] 072775
Laborand **land-saving** technologies. 072722
improvement measures in **land settlement** & 076380
situation in re-breeding Merino **land sheep** 075376
different methods of terracing **sloping land** 081264
Development of **landed structures:** Balance 072762
Soil erosion of **land systems** within Hunter 081554
rent & determination of **land tax.** 073045
Land of Tombolo; a potential "National Cen- 072672
new frontiers for West. [**Land utilization** fa- 072776
personnel in coming era of **land & water** m- 079955
Land & water use potentials: Tungabhadra I- 081701
of environmental resources. [**Water, land**, p- 081876

LANDOWNERS
Profile of Mississippi **forest landowners.** 076288

LANDRACE
HYPOR swine in comparison to **Landrace.** 075379

in Targhee & **Finnish Landrace** X Targhee 075253
Republic bred lines of **German Landrace** & 074466
White, North Siberian, **Landrace, Lacombe** 074794
analysis of Czech Large **White, Landrace** & 075333

LANDSCAPING
or embankment in garden? [**Landscaping**]. 078716
Plant a tree![**Landscaping**]. 078767
conservation & **landscape architecture** (with 076827
Killertal: a discussion **concerning landscape** 072730
of reforestation & **landscape conservation.** 076344
Landscape distribution of oribatids in Tadzh- 080654
Concern for **landscape** in **farming** areas. 081794
Landscape improvement & reclamation scie- 081529
changes of **landscape** in **Israel.** 081796
Studies on analysis of **landscape** for **nature** 078655
Pruning **landscape plants.** 078853
Landscape preferences of professional forest- 076297
Landscaping slopes. 078859

LARCHES
homosexual behaviour of **larch bud** moth. 080249
Parasites of **larch casebearer** in Montana, I- 079887
of stands & plus-trees of **european larch** & t- 076371
Chalcididae, Torymidae) in **larch seeds.** [Eu- 079883
Cultivation of **larch trees** out of its range of 076366

LARD
Meat & **lard quality** of swine with different 074051

LARIX
of its range of natural distribution. [**Larix**]. 076366
Washington. [Coleophora **laricella, Larix** oc- 079887
Fertilizing experiment with **Larix leptolepis** 076360
menziesii glauca, Pinus, **Larix occidentalis**]. 076287
of coniferous seedlings. [Pinus, **Larix, Picea**] 079234
of mineral nutrition of **Larix sibirica.** 079879
urozonus, Mesopolobus **zetterstedtii, Larix**] 079883

LARVAE
of field corn plants infested by **larvae.** [Spo- 079702
Nosematidae) on Culicidae (Diptera) **larvae** 079946
organophosphorus resistance in **larval Aedes** 079961
of a salt-water mosquito **larva, Aedes** campe- 080316
of triphenyl tin acetate **against larvae** of Sp- 079663
Crowding effects among single-**age larvae** of 079890
of bees in honey. [Bacillus **larvae, Apis** mell- 080689
Distribution of fall **armyworm larvae.** 1. Reg- 079702
Effect of **larval ascariodosis** on erythropoiet- 075586
disease of bees in honey. [**Bacillus larvae,** A- 080689
of migratory route of **borfly larvae,** cuterebra 079997
cytochrome system of egg & **larva** of **cattle** t- 080198
of chromatin of two **larval cell** types. 080201
Application of **chironom larva** comparative 080178
to knowledge of **chironomid larvae** of Danu- 080500
Application of chironom **larva comparative** 080178
migratory route of borfly **larvae, cuterebra** g- 079997
Some analytical results on **larva density** of 079892
pyrophosphates on **larvae deprived** of food 080177
Leptura rubra L. **larvae** for **determination** of 076562
L.) at different stages of **larval development** 080232
mesothoracic leg disk of some **dipteran larv-e.** 080187
Amine excretion in **excysted larvae** & adults 075677
on larvae deprived of food & on **larvae fed** a- 080177
of horse parasitic with **Gasterophilus larvae** 075761
Life cycle & **larval growth** of Drusus annuat- 080411
with details of life history & **larval growth** of 080532
in developing tobacco **hornworm larvae.** 080321
with a description of its **immature larval** sta- 080631
hormone analogues on **larvae** of **imported** fi- 079636
Fate of multiple doses of **infective larvae** of 075713
Aminotransferase in three last **larval instars** 080335
Determination of **invasive larvae** of some ca- 075948
normal & UV[ultraviolet]-**irradiated larvae** 075588
Aminotransferase in three **last larval** instars 080335
of natural foodplants of **Lepidopterous larvae.** 079667
consumed intoxicated cabbage **looper larvae** 080105
virus from cabbage **looper larvae.** [Trichoplu- 080339
of coniform chloride cells in **mayfly larvae:** 080301
hormone in Galleria **mellonella larvae.** 080251
petroleum oils for control of **mosquito larvae** 079966
anal papillae of a salt-water **mosquito larva,** 080316
On biology of **larval nourishment** of Ctenoc- 080458
Description of **larva & nymph** of tick Ixodes 080207
On diffusion of **larval oesophagostomiasis** (075880
numerical trends in **larval populations** of in- 079905
numerical trends in **larval populations** of in- 079907
On **larva & pupa** of Semiotus ligneus Linna- 080420
plant tissue in soil-based **larval rearing** med- 080366
hatching of Heterodera **rostochiensis larvae.** 079351
affects secondbut not fourth-**stage larvae.** 075793
Skuse through competition in **larval stage** u- 080343
Permeability of first-**stage larvae** of Hypode- 080381
a description of its immature **larval stages** 080631
in an insect. II. Effects of **larval starvation** 080662
prepupa (Apis mellifera) & **waxmoth larva** 080398

LARVICIDES
Mosquito adulticides & **larvicides:** efficacy u- 079960
petroleum oils as **mosquito larvicides** in irri- 079967
of a new approach to **mosquito larviciding.** 080037

LASIUS
of ant species **Lasius fuliginosus.** 080273

LASPEYRESIA
control of caterpillar **Laspeyresia auracariae** 079885
control of codling **moth Laspeyresia** pomone- 079861
stimulant for codling **moth, Laspeyresia** po- 080322
irradiated male codling **moths, Laspeyresia** 080215
of sexual attraction. [**Laspeyresia pomonella** 079139
moths in orchards. [**Laspeyresia pomonella,** 079796
of Washington. [**Laspeyresia pomonella**]. 079804
sex pheromone. [**Laspeyresia pomonella**]. 080436

LATENCY
nucleic acid components of **elderberry latent** 079176
Detection of **latent Fusarium** in Gladiolus c- 078996

LATERAL
Lateral bud growth in Mangifera indica L. in 077976
Repair of a **lateral radial** head luxation by r- 075565

LATERITES
Reaction rate of lime in **acid laterite** soil. 081146

LATEX
by sink region induced by **latex tapping.** 077487

LATHRIDIIDAE
serripennis Broun (**Coleoptera Lathridiidae**) 080536

LATHYRUS
unknow sub-species of **Lathyrus laevigatus** [076777
High protein mutant forms of **Lathyrus lines** 077184
Experimental culture of **Lathyrus sylvestris.** 077827

LATOSOLS
water soluble phosphate in **latosolic lowland** 081094

LAURACEAE
Tropical Africa (**Lauraceae, Myristicaceae,** 076603

LAVANDULA
SEE LABIATAE

LAWN
Action of growth regulators on **lawns:** First 078680
wild garlic (Allium vineale) in **lawns.** 079579
plantain (Plantago major) in **lawns.** 079580
dandelion (Taraxacum officinale) in **lawns.** 079581
of white clover (Trifolium repens) in **lawns.** 079582
chickweed (Cerastium vulgatum) in **lawns.** 079583
of annual bluegrass (Poa annua) in **lawns.** 079584
sandbur (Cenchrus pauchflorus) in **lawns.** 079585
yellow foxtail (Setaria lutescens) in **lawns.** 079586
Muhlenbergia schreberi) in **lawns.** 079587
dallisgrass (Paspalum dilatatum) in **lawns.** 079588
Geranium carolinianum) in **lawns.** 079589
yarrow (Achillea millefolium) in **lawns.** 079590
European chafer, a **continuing lawn** problem 079835
associated with use of a **lawn crabgrass** cont- 076107
Stop **lawn leaf** spot. [Helminthosporium]. 079063

LAWS
New **law** on **agricultural** cooperation. 073409
On idea of a new German **feed law.** 073477
Study of some **laws governing** porosity of lo- 081052
New **law** on **land** consolidation, a first step 072764
About some new data in **positive law.** [Lives- 073504
K. Grunberger " new **law** for **protection** of 073415
New modality of application of **tax law.** III. 072991
Maine Tree Growth **Tax law.** 076284
of Maine's new forest **taxation law.** 076285

LAYERING
Method of propagation of grapes by **layering.** 078815
Layering. [Plants, propagation]. 078855
of Mangifera indica L. by **air-layering.** [Ma- 078606
of IBA [indolebutyric acid] in **air layering** of 078793
Thin **layer chromatographic** test for mamma- 073578
based on a thin-**layer chromatographic** and/ 073965
Thin-**layer chromatography** study of saponin 077555
changes in soil density of **cultivated layer.** 081273
levels of free gossypol in **layer diets** as influ- 075040
of sulfur amino acids in **layer diets** with sod- 075047
Importance of **friable layer** of soil in betwe- 081586
Study of root biomass in **herb layer** of an o- 076183
determine nature of mixed-**layered minerals** 081188
Milk ultracentrifugal **opalescent layer.** I. C- 073944
primary production herb **layer plants** in dec- 076812
dried grains with solubles in **layer rations.** 074918
in avocado orchard by **sprayblade layering** t- 079432
On **layer variability** of axial structure of sh- 077000

LAYERS
SEE POULTRY

LAYING
Line cross tests for egg **laying capacity** of 075206
present status & principles for **laying down** 073660
Line cross tests for **egg laying** capacity of 075206
Effect of **feeding laying** hens various levels of 075039
calcium-binding protein in **laying fowl.** 074593
Uterine calcium-binding protein in **laying f-wl.** 074594
Salmonella in **laying hen.** 1. Salmonella rec- 073664
of technological parameters of **laying-hen** q- 074483
depletion of DDT residues from **laying hen.** 074721
Calcium metabolism in **laying hen.** 4. calci- 074730
Calcium metabolism in **laying hen.** 5. Effect 074732
Feeding of Shaver Starcross 288 **laying hen** 074875
What gentic advance can **laying hen** breeders 075242
Salmonella in **laying hen.** 1. Salmonella rec- 075813
depletion of DDT residues from **laying hen.** 080125
Effect of **hens laying** performance on eggs h- 074576
influencing liver fat content of **laying hens.** 074723
a feed-lot trial with a ration of **laying hens'** 074888
feed Bjarsjolagard with **laying hens,** 1971/1 074924
of feed on feeding activity of **laying hens.** 074985
Effect of feeding **laying hens** various levels of 075039
Urea & diammonium citrate for **laying hens.** 075048
yolk, adipose tissue & liver of **laying hens.** 075049
quality & pesticide content of **laying hens** or 075061
syndrome in White Leghorn **laying hens.** 075063
Studies on fatty liver problem in **laying hens.** 075158
Breeding program for **laying hens.** 075229
Trials for line breeding in **laying hens.** 075230
Forced moulting reviewed. [**Laying hens**]. 075300
pyridyl phosphorothioate) to **laying hens.** 076140
quality & pesticide content of **laying hens** or 080128
Aflatoxicosis in **laying Japanese** quail (Cotu- 076139
liver syndrome in White **Leghorn laying** hens 075063
Effect of hens **laying performance** on eggs h- 074576
Feeding of Shaver **Starcross** 288 **laying** hen 074875

LAYOUTS
Layout & equipment for handling dairy & s- 080998

LEACHING
woodland soils. I. **Breakdown, leaching** & d- 081160
cultivated on slightly **leached Chernozem.** 078458
on microflora of **leached Chernozem** soil. 079495
cultivated on slightly **leached Chernozem.** 081195
yield of cabbages in **leached Chernozem** soil 081294
On crop productivities & **leaching degree** of 081116
Relative **leaching potentials** estimated from 081269
removal of testa or with **leaching** of **seeds.** 077374

LEAD
for accumulation of **atmospheric lead** by ins- 080243
lead content of plants on **lead concentration** 079343
Content of zinc, **copper, lead** & vanadium in 081144

LEAFHOPPERS
Leafhoppers (Auchenorrhyncha: Homoptera 080568
L.) Moench) to **leafhopper, Amrasca** (=Em- 079831
from some plants & **leafhoppers taken** from 079162

LEAFSPOT
Bacterial leafspot of lettuce in Natal. [Xant- 079132

LEAFWORMS
Rearing **cotton leafworm** Spodoptera littoral- 079755

LEASING
Lease in a **dynamic** economy. [Land]. 072750
New legislation for control of **farm leases.** 073432
Lease & sale transfers of cotton allotment in 073394

LEATHER
systems & extract blends used. [**Leather**]. 073984
by polyurethane transfer. [**Leather**]. 074039
residual degreasing solvant baths. [**Leather**] 074042
by wet blue in process of stockage. [**Leather** 074044
Analysis & Industrial **Research, leather**]. 074041

LEAVES
L., a plant with berry on underside of **leaf.** 076957
chlorophyll formation in **leaves.** [Field crops 077937
diglyceride-forming enzyme from **leaves.** [B- 078198
Leaf analysis as a guide to fertilization of ci- 081504
Leaf anatomy in subfamily Eragrostoideae. 076950
Leaf **angle, leaf** area, & corn (Zea mays L.) 077649
potential relationships in **apple leaves.** 078059
Leaf angle, **leaf area,** & corn (Zea mays L.) 077649
Leaf area index & radiation as related to co- 077660
Separation & properties of **leaf aspartate** a- 077327
research on fruits & **leaves** of **auto**-tetraploid 077298
species) on padi straw, **banana leaves** & saw- 078870
for Cercospora musae Zimm. [**Bananas, leaf** 078973
Observations on penetration of **barley leaves** 079740
protein complexes in flashed **bean leaves.** 078129
Harvesting transports of sugar **beet leaves** [073007
Sweepnet sampling for cereal **leaf beetle,** O- 079700
Leaf blade areas of grain sorghum varieties 077013
Narita & Hiratsuka) & yellow **leaf blight** of 079067
Automatic curing of **bright leaf** tobacco. 074131
Microscopic studies of **bright leaf** tobacco. I 074223
nucleic acid in **leaves & buds** of Syringa in 077610
Lipid deposition on **leaves** of **Canada** thistle 079596
An apparatus for study of **leaf canopy** optics 077430
Tests of callus culture with **leaves** of **Cassia** 077619
vine & a newly observed **Cercospora leaf** sp- 078965
Sweepnet sampling for **cereal leaf** beetle, O- 079700
O-glucuronide from **leaves** of **Clerodendrum** 077521

factors on tobacco **leaf constituents.** 077804
Cotton leaf temperatures as related to soil 077650
of Temik 10 G for control of **cotton leaf** per- 079681
physical characteristics & color of **cured leaf** 079089
A new incubation system for **leaf-cutter** bees 080259
infestans de bary on **detached leaves.** 079057
Density of stomata in **leaves** of **different** eco- 076927
cytoplasmic proteins by tobacco **leaf discs.** 077734
in orange fruits & **leaves,** in **dislodgable** part- 080050
constituents of Zebrina **leaf epidermis.** 077669
Leaf experiments for testing modern fungici- 079038
analysis of tobacco, tobacco **leaf extracts** & 074169
Fertile leaves of Protolepidodendron wahnb- 076692
Fruits, **flowers, leaves** at will. [Tissue culture 077589
Effects of **leaf-footed** bugs on mesquite repr- 079487
Study of effects of **leaves** & **fruits** on floral 078151
Isocitrate lyase in **green leaves.** [Spinach, 077533
for trapping of three **harmful leaf** roller mo- 079796
in **leaves** of some more **important** peach cult- 078068
reaction of different Lr genes to **Indian leaf** 077254
Leaf infection with citrus black spot & peri- 079083
Iso-peroxidases in tomato **leaves infested** wi- 079850
chloride & nitrate in **leaf** & their **influence** 077809
alternata infection & other **leaf injuries** on 079052
experimentation on **juvenile leaves** of Paulo- 076991
chloroplast displacements in **leaves** of **land** 077281
Stop **lawn leaf** spot. [Helminthosporium]. 079063
Mill.) & beech (Fagus sylvatica L.) **leaf litt-r** 081160
Mill.) & beech (Fagus sylvatica L.) **leaf litt-r** 081161
Narrow-**leaf lupine** for feed. [Forage plants, 078513
in optical properties of **maize leaves** at chlo- 077900
Acid phosphatase of **maize leaves;** chromato- 077920
Hiratsuka) & yellow leaf blight of **maize leaf** 079067
Determination of **minimum leaf** surface area 078014
XXIII. alkaloids of **leaves** of **Mitragyna** tub- 077551
fungicides for control of tomato **leaf mould.** 078980
Narrow-leaf lupine for feed. [Forage plants, 078513
Effects of **leaf numbers** & sucker control & 078541
Phyllode theory in relation to **leaf ontogeny** 076896
in isolated chloroplasts of **pea leaves.** 078110
amino acids in **leaves** of **peach** trees & almo- 078187
of liquid fertilizer application on **leaf, peer,** 078175
of sulfur dioxide2 on **leaf pigments.** 079397
historical study on **pinnate leaves** of Ranun- 076909
introduced in maize **plantlet leaves,** upon s- 077919
physiological indices of **leaves** of **Populus.** 078236
Estimation of surface of **leaves** of **principal** 079812
on agronomic characters & **leaf properties** of 074096
content, burning quality, yield, **leaf quality** 077928
product of potato virus X & **leaf** o-**quinone.** 079175
performance following tassel & **leaf removal** 077014
cytoplasmic wheat-**leaf ribosomes.** 077707
reductase & nitrite reductase in **rice leaves.** 077694
Leaf roller-moth: Elements of forest policy 076250
for trapping of three harmful **leaf roller** mo- 079796
Leaf roller-moth: Elements of forest policy 079896
Collar rot & **leaf rot** of salad plants. [Sclero- 079013
studies in pigeonpea. XIV. **Round leaf** x Ob- 077154
of different Lr genes to Indian **leaf rust** rac- 077254
Retardation of **leaf senescence** by urea cyto- 078120
range of pruning severity with **leaf-shoot** rat- 078018
potassium oxide in **leaves, shoots** & fruits of 078739
carbohydrate levels of **soybean leaves.** 077857
Proteinase activity in relation to **leaf spot** of 078960
a newly observed Cercospora **leaf spot.** [Mo- 078965
Cercospora musae Zimm. [Bananas, **leaf spot**] 078973
A new **leaf spot** of poplar incited by Alterna- 078987
biochemistry of timothy **leaf spot** fungus, Cl- 078999
Studies on Cercospora [beticola] **leaf spot** of 079000
Stop lawn **leaf spot.** [Helminthosporium]. 079063
a newly observed Cercospora **leaf spot.** [Mo- 079451
of shoots, roots & embryos in **leaf** & **stem** c- 078100
multiplication in Datura **stramonium leaves** 079201
of phenolic substances in **leaves** of **sugar** beet 077700
monoxide metabolixm by **sugarcane leaves.** 077876
on distribution of starchy & **sugary leaves** in 077378
Determination of minimum **leaf surface** area 078014
Prunier, Luisetti, Gardan) on **leaf surface** of 079123
labeled sugars: tobacco **leaf system.** 077693
ultraviolet irradiation on **leaves systemically** 079158
Cotton **leaf temperatures** as related to soil 077650
Phyisology & biochemistry of **timothy leaf** 078999
World supply & demand of **leaf tobacco** in 073169
Automatic curing of bright **leaf tobacco.** 074131
Chemical analysis of tobacco, **tobacco leaf** e- 074169
of elements in cured **tobacco leaf.** 074172
Microscopic studies of bright **leaf tobacco.** I 074223
of carbon-13 labeled sugars: **tobacco leaf** sys- 077693
by a protease increased in **tobacco leaves** du- 077733
cytoplasmic proteins by **tobacco leaf** discs. 077734
bright-yellow & Matsukawa **tobacco leaves.** 077736
glucose & distillated water in **tobacco leaf.** 077737
soil moisture on maturity of **tobacco leaves** 077740
environmental factors on **tobacco leaf** consti- 077804
degrees C) on **tobacco leaves.** II. 02 [dioxide 077839
degrees C) on **tobacco leaves.** III. Efflux & 077840
in protoplasts isolated from **tobacco leaves.** 077868
an endopeptidase from aging **tobacco leaves** 077966
Maneb fungicides for control of **tomato leaf** 078980
Iso-peroxidases in **tomato leaves** infested wi- 079850
structure, hydration of **tomato leaves** & their 076959
in dark grown wheat **leaves treated** with del- 077835
amino acids in **leaves** of non-**vernalized** whe- 077939
inhibitors following alterations in **vine leaf** 078102
Leaf vs. fruit coverage with atnitranspirants 078042
of corn (Zea mays L.) having low **leaf water** 077852
following alterations in vine **leaf water** pote- 078102
by chloroplast & cytoplasmic **wheat-leaf** rib- 077707
zeae Narita & Hiratsuka) & **yellow leaf** blі- 079067
nutrient content, burning quality, **yield, leaf** 077928
by cellular constituents of **Zebrina leaf** epid- 077669

LECITHIN
Principles of utilization of **lecithin** in **bakery** 074127

LEEKS
from Allium porrum L. in vitro. **[Leeks].** 077984
adequate production of **leek** for **continuous** 073235
Leeks--growth & development. 078714
drilled onions as well as with **planted leek--** 079457
connected with transition to **leek production** 078699
On suitability of **leek varieties** registered in 078700

LEGAL
accidents. Medico-**legal consequences.** [Catt- 076144
Possible **legal entanglements** in a mosquito 073541
Legal questions on emmission problem. [Air 073481

LEGHORNS
SEE CHICKENS

LEGISLATION
Animal carcass disposal. **[Legislation].** 073428
privately developed varieties. **[Legislation].** 073457
for publicly developed varieties. **[Legislation** 073458
privately developed varieties. **[Legislation].** 078377
for publicly developed varieties. **[Legislation** 078378
Animal carcass disposal. **[Legislation].** 081795
Legislation affecting construction of agricult- 080746
Use-value **assessment legislation** in United 073479
of an organizational & **legislative conditions** 081589
New **legislation** for **control** of farm leases. 073432
Food legislation. 073511
Legislation of **pesticides** in agriculture. 080064
New animal **protection legislation.** 073416
Veterinary legislation: hypothesis for care & 073544

LEGS
of Drosophila melanogaster male **leg disc** fr- 080253
in wing disk & mesothoracic **leg disk** of some 080187
Feet & **leg problems**--a product of confinem- 076124
growth of normal & **regenerated legs** of coc- 080414

LEGUMES
depth decisive among **certain legumes.** 078502
Fusariosis of **legume crops** in Lithuania. 4. 078897
of phosphate to **legumes** & **effect** of nitrogen 081377
Nodule formation on **excised leguminous** roo- 077787
Nematodes & **forage legumes.** 079277
dry matter yield patterns of **grass/legume** m- 078342
of grass roots greater in **grass-legume** mixtu- 079275
Grow legumes for green manure. 081274
source areas of wild **herbage legumes** in Ind- 076811
of nitrogenase activity of **intact legume** sym- 077654
some tropical & temperate **pasture legumes** 077687
excised roots of some **pasture legumes.** 077688
mixed varieties. [Grasses, **planting, legumes]** 078431
Revered legume. [Soybeans]. 078449

LEGUMINOSAE
of Castanospermum australe **(Leguminosae).** 076431
systems of trees & shrubs of **Leguminosae.** 076953
survey of anthocyanins in **Leguminosae** il. 077377
Alkaloids & polyphenols of **Leguminosae.** X- 077529
Flavonoids from **Amazonian Leguminosae.** 077514
of eastern redbud. **[Cercis canadensis].** 078849
breeding methods in red **clover /Trifolium** p- 077152
of dadaps on shevaroys. **[Erythrina, coffee,** 078879
superterranean parts of **Glycyrrhiza glabra** 077575
of feeding horse tamarind **(Leucaena glauca** 074933
of diand tetraploids of **Trifolium pratense** var 076935
of ladino clover **(Trifolium repens** L.) to its 078736
Control of white clover **(Trifolium repens)** in 079582
neo-flavonoids from **Dalbergia riparia.** 077516
Hybrids in Hiantia Borb. **section Trifolium** 077076
growing of grain & hard **seed Leguminosae** in 077119
flavonoid bioside of **Oxytropis ttrobilaceae.** 077386

LEMNACEAE
acid on absorption of calcium into **Lemna.** 077479
rearrangements. **[Lemna, Funaria].** 077290
chromosomes of plants. **[Lemna gibba].** 077447
proliferation of long-day plant **Lemna gibba** 077485

LEMONS
Chemical colouring of **lemon fruit.** 074264
Nucleolar behaviour in **lemon fruit** explants 078028

LENDING
British agriculture: capital & **loans.** 073010
International lending for livestock develop- 073139
development: analysis of a state **loan progr-m.** 081720

LENSES
Root exudates from lentil **(Lens culinaris** M- 079056
studies on **lens differentiation** experimentally 074670
of Ml generation in **Lens esculenta** /Moench 078152
Differentiation of **lens tissue** from progeny of 074694

LENTILS
of methyleneoxindole formation. **[Lentils].** 078128
in Lens esculenta /Moench/. **[Lentils].** 078152
Root exudates from **lentil** (Lens culinaris M- 079056

LEPIDOPTERA
littoralis Boesd (Noctuidae: **Lepidoptera)** of 079663
of Lepidopterous larvae. **[Lepidoptera].** 079667
Plusia argentifera Guen. **(Lepidoptera:** Noct- 079741
Heliothes armigera Huebner **(Lepidoptera:** 079834
Laspeyresia pomonella (L.) **(Lepidoptera:** O- 080215
fumiferana (Clem.) **(Lepidoptera:** tortricidae 080216
fumiferana (Clem.) **(Lepidoptera:** Tortricidae 080218
drawings of Papilio glaucus L. **(Lepidoptera:** 080272
history of Hymenitis nero **(Lepidoptera:** Ith- 080392
of Lepidopterous larvae. **[Lepidoptera].** 080400
of Pieris brassicae (L.) **(Lepidoptera:** Pierid- 080415
Migrating butterflies in 1971. **[Lepidoptera]** 080519
study of Sphingidae in Greece **(Lepidoptera)** 080542
Balatonszabadi--Zamardi) **(Lepidoptera).** 080597
budworms, Heliothis virescens **(Lepidoptera:** 079694
of Galleria mellonella L., **Lepidoptera.** 080184
inflammatory response in **Lepidoptera.** 080336
orchid. [Platanthera **chlorantha, Lepidoptera,** 080196
pallidana Zeller **(Lepidoptera, Cochylidae).** 080370
Doets **(Lepidoptera, Coleophoridae).** 080518
Danish Lepidoptera in Scandinavian mounta- 080491
Lepidopterous fauna of Cracow vicinity. 080473
of natural foodplants of **Lepidopterous larvae.** 079667
dispar L. **(Lepidoptera, Lymantriidae)** in fo- 079906
of Amathes sincera **(Lepidoptera, Noctuidea** 080540
New **Lepidoptera** from **Norway.** 080493
New locations for **Norwegian Lepidoptera,** p- 080494
Czechslovakia **(Lepidoptera, Nymphalidae)** 080511
lepidoptera with some **observations** on toxic 079845
from East Asia **(Lepidoptera, Papilionidae)** 080541
chlorantha, **Lepidoptera, pollination].** 080196

LEPTINOTARSA
potato pests. **[Leptinotarsa decemlineata,** a- 079761
of feeding of **Leptinotarsa decemlineata** after 080463

LEPTOGIUM
On some **Leptogium species** with short mall- 076788

LEPTOSPIRA
Investigation of **leptospiral agglutinin** of an- 075864
infection with **Leptospira australis** A in mice 075863

LEPTOSPIROSIS
titers in livestock infected with **leptospirosis** 075932
cholera, swine erysipelas & **leptospirosis.** 075969
vaccination **against leptospirosis,** salmonello- 075959
Bovine leptospirosis in Massachusetts. 075742

LESIONS
of neurological **lesions associated** with grass 076098
nutritional consequences of **brain lesions:** a 074629
Gastric & **caecal lesions** in pigs following fe- 075123
Lesions of **dermatophytosis** in guinea pigs t- 075626
Avoidance response after **lesions** of **dorsal** h- 074512
Effect of **electrolytic lesions** in various regi- 074751
Local **lesion formation** by ultraviolet irradia- 079158
Effect of ventral **hippocampal lesions** on a c- 074510
Toxic action & **molecular lesion.** [Veterinary 076143
Alimentary **mycotic lesions** in cattle: a histo- 075731
A root **lesion nematode** parasitic on cotton 079346
disclosed region of **parasitic lesion.** 075759
Radiological features of **spinal lesions** in do- 076071

LESPEDEZA
sericea being developed. **[Lespedeza cuneata** 079283

LETHAL
Lethality: dependence on developmental rate 080248
Conditional-lethal mutants of animal viruses 075819
Response of three insects to **sublethal doses** 079933
test for analysis of **embryonic lethals** induc- 077218
Effects of gibberellic acid & **sublethal levels** 077664
nondisjunction & recessive **sex-linked lethal** 080426
cacodylic acid treatments to **produce lethal** 079888
of chromosomes with **lethal** & **semilethal** m- 080268
trend in frequencies of **lethal** & **semilethal** c- 080363
Strains of **yeast lethal** to brewery yeasts. 073861
palms threatened by **lethal yellowing.** [Myc- 079197
of incubation time of **lethal yellowing** disease 079244

LETTUCE
People are eating more **lettuce.** [Consumpti- 073295
of unit trains for moving apples & **lettuce** fr- 073326
of barley, sugar beets, & **lettuce.** 077661
abscisic acid on germination of **lettuce** (Lac- 078105
Cultivation experiences with **lettuce.** 078719
hatch, movement & root invasion. **[Lettuce]** 079310
of Meloidogyne hapla in **lettuce.** 079311

in carrots, cucumber, cabbage & **lettuce.** 079458
across chloroplast membranes. [**Lettuce**]. 078032
of Meloidogyne hapla to **lettuce** as **affected** 079309
relative growth rates of six **lettuce cultivars** 077995
growing. 2. Cabbage & **lettuce cultivation** & 078675
in microautoradiography of **lettuce fruits.** 078183
Bacterial leafspot of **lettuce** in **Natal.** [Xant- 079132
Yield stabilization in **lettuce production** in p- 078693

LEUCAENA
SEE LEGUMINOSAE

LEUCINE
light on incorporation of **Carbon** 14-**leucine** 077734
VIII. characterization of **leucyl** & **isoleucyl** 073874

LEUCOCYTOZOON
Turkey Leucocytozoon infection. 1. A rapid 075805
some avian species to **turkey Leucocytozoon** 075808

LEUCOPENIA
of attenuated **feline panleukopenia** virus. 075706

LEUCOPHAEA
in hindgut of **cockroach, Leucophaea** mader- 080311

LEUKEMIA
characteristics of **cattle leukemia.** 11. Haem- 075603
characteristics of **cattle leukemia.** 9. Citoki- 075989
characteristics of **cattle leukemia.** 8. amount 075991
characteristics of **cattle leukemia.** 12. Activi- 075604
agent from plasma of a **leukemic cow.** 076056
Friend leukemia virus (FLV) elimination in 079943
parturition in a case of **leukaemia** of **genital** 075293

LEUKOCYTES
activity of **leucocytes** in **adrenalectomised** ra- 074784
free amino acids in **leukocytes** of **cattle** affe- 075873
microculture technique for **chick leukocytes** 074597

LEUKOSIS
leukocytes of cattle affected with **leukosis.** 075873
Recognition of viruses of **avian leucosis**/sarc- 075649
characteristics of **leukosis** in **cattle.** 10. Spr- 075608
Measurement of **endogenous leukosis** virus 075958
destruction in a cat with **immature leukosis** 076028
Citokinetics of **lymphoidal leucosis.** 075989
resistance to subgroup C **leukosis-sarcoma** v- 074747
resistance to subgroup C **leukosis-sarcoma** v- 075811
to infection with type II **Leukosis virus** (JM 075809

LEVULINIC
Effect of **levulinic acid** on biosynthesis of po- 077875

LIATRIS
SEE COMPOSITAE

LIBRARIES
information: Making **libraries work** for food 073736

LICENSING
with testing & **licensing** of **phytohormones** (077595

LICHENIZATION
Concentric bodies of **lichenized fungi.** 076900

LICHENS
Two new species of Rhizocarpon (**lichens**), s- 076753
Bark lichen zones in town of Tampere. [Air 081820
Lichen Cetraria idahoensis Esslinger from 076635
Epiphyllous lichens of Pyrenees & Atlantic 076779
Parallel evolution in **lichen-forming** fungi. [076775
permanently submerged **marine lichen.** 076739
of three species of **Norwegian lichen:** Cetrar- 077509
Lamb, two more hitherto **overlooked lichen** 076738
Lichens from **Vestfjella,** Dronning Maud La- 076737
Lichens from **western** Pyrenees new to Fren- 076778

LIFETIME
Jerusalem artichokes for a **lifetime crop.** 078777
study of some aspects of **lifetime production** 074642

LIGASES
alcohol in higher plants: ferulate: **CoA ligase** 077408

LIGHT
glucose & ammonium assimilation in **light.** 077342
relation to ontogeny & adaptation to **light.** 077689
L. (Lepidoptera: Papilionidae): new **light** on 080272
Effects of **ahemeral light** & dark cycles on e- 074741
On effect of **artificial light** periods & growth 078083
Coleoptera) species at **artificial light.** [Unit- 080538
A source of **light** for **assimilation** chambers. 077568
Effectiveness of **blacklight-chemosterilant** fe- 079699
in indiangrass as affected by **light, chilling,** 077646
L. grown under varying **light conditions.** 077002
wheat under various **lighting conditions.** 077939
Buildings of **light construction** in food indus- 073833
Primary processes **controlling light** induced 077283
Effect of age at **lighting** on **costs** & revenues 073072
Effects of heat & **light crossed** gradients ro- 074738
Effect of **light** on **curing** of Burley tobacco. 074226
Fecundity of cows in **light** of **cytogenetic** re- 075310
nicaeense in relation to **light** & **dark** cycles. 077425
Changes in receptor acuity upon **light/ dark** 080304
Light-dependent colonization of pillars by s- 076837
Perception of **light direction** in oriented dis- 077280
A **light** & **electron** microscopic study of spo- 076974
of a method for extraction of **light filth** from 073575
digestion method for isolation of **light filth** 073576
study of extraction of **light filth** from canned 073577
labeled in doleacetic acid in **light grown** st- 078094
Studies on gas metabolism in **light horses** fed 074607
VIII. Effect of **light** on **incorporation** of Ca- 077734
Primary processes controlling **light induced** 077283
acid 4-hydroxylase of potato a **light-induced** 078021
Effect of **light intensity** during growth of Si- 077621
community. II. **Light interception** & photos- 077431
Light interception, photosynthetic activity, 077763
under continuous or **intermittment light.** 077731
Effect of ultraviolet-**light interruption** on fl- 078011
Problem of available lysin in **light** of **latest** 074354
Light-mediated changes in properties of phe- 078136
Grain maize grown in **light** to **medium** soils 078310
electron & ordinary **light microscopy.** 073910
virus: fluorescence & **light microscopy** of inf- 075836
of plant material for **light microscopy.** 076996
by both scanning electron & **ordinary light** 073910
of chloroplast movement in **light oriented** ch- 077282
On effect of artificial **light periods** & growth 078083
L. 2. Receptor sensitivity & **polarized light** 080305
Effect of **pretransplant lighting** on post-tran- 077658
agriculture & gardening in **light** of **recent** P- 079539
diatom Detonula sp. cultivated in **red light.** 077338
Relation of **light reflectance** of six barley li- 077674
Photomicrographic record of **light reflected** 077669
Effects of three **lighting regimes** on broiler 074386
Effect of age at **lighting** on **reproduction** in 075322
Effect of **light** on **RNA** & nucleotide synthes- 077543
Umbelliferae) using **light** & **scanning** electr- 076923
Joint action of temperature & **light** on seed 077826
sensitivity & polarized **light sensitivity.** 080305
of various concentrations on **light soils** of cis 081290
peat fertilizers on productivity of **light soils** 081490
Line cross test with **light strains.** [Poultry] 075202
tobacco budworm with **light traps.** [Heliothis 079706
Energy level associated with **light-triggered** 078007
of meiotic yeast cells to **ultraviolet light.** 077081
Effect of **ultraviolet-light** interruption on fl- 078011
corn (Zea mays L.) yield. [**Light utilization**] 077649
non-vernalized wheat under **various lighting** 077939
graveolens L. grown under **varying light** con- 077002

LIGHTNING
Lightning damage to an entire metal shed. 080712

LIGNINS
Ultraviolet spectral determination of **lignin.** 073912
Model experiments to condensation of **ligni-s.** 076474
betaAryl ether groups in **lignins.** 077617
of digested & undigested **alkali lignins** & un- 074980
chromophoric groups in **beech lignin.** [Fagus 076530
resonance] studies on **lignin-carbohydrate** c- 076480
in view of evaluation of **lignine content** of p- 073821
midrib mutant of Zea mays. I. **Fibre, lignin** 074979
degradation of phenolic **lignin model** compo- 076538
on accessibility of **lignins** of **Pinus** radiata & 076476
transformation of **lignin-precursors** in Zea 077964

LIGNITES
material from Maritsa-Iztok **Lignite Basin.** 081193

LILIACEAE
Thysanotus virgatus sp. nov. (**Liliaceae**) from 076730
of scilladienolides of **Urginea maritima** as w- 078146

LILIES
Some results of introduction of **lily species** 078087

LILIUM
nucleoloids in meiocytes of **lilium.** [Longiflo- 078155
cytokinins treatment on **Lilium longiflorum** 078010
Lilium martagon & Clematis alpina in Alps 076736
action on meiotic cells. [**Lilium speciosum**] 078085

LIMA
Antitrypsin factors. [Soybeans, **lima beans,** 073749

LIMBS
of foliage from chipped tree tops & **limbs.** 076551
of trichome of nerves & **limbs** of **Begonia** x 076885

LIMES
Reaction rate of **lime** in **acid** laterite soil. 081146
Adding lime to manure. 081356
aspects of results from **lime fertilization** ex- 081320
Significance of **lime fertilization** or soil ferti- 081400
Lime & molybdenum in soybean production 081506
Lime & phosphate potentials of soils. 081097
Lime requirements of soil. 081039
Lime requirements--distribution of lime in T- 081422
Silt lime--an all-around way to improve soil 081501

LIMESTONE
Liming acid soils in Amri ASSR. 081408
Effect of **limestone** on **flax** crop & its quality 081471
Influence of **limestone, magnesium,** & trace 081518
Operating methods of **subsoil liming.** 081335

LIMNEPHILIDAE
Stephens (Trichoptera: **Limnephilidae**) in a 080411
nervosa Curt. (**Trichoptera, Limnephilidae**) 080423

LIMONIUM
of anatomical characters in **Limonium.** 076664

LIMONOIDS
Ethylene-**accelerated limonoid** metabolism in 074282

LINDANE
activation analysis of **lindane & DDt** residual 080124
isomer pretreatment of **lindane metabolism** 074641

LINEAR
dn operation method of **linear motors.** 080825
poultry feedstuffs by **parametric linear** prog- 075036
Linear programming for multiple-use manag- 072774
mix on range lands with **linear programming** 072884

LINEN
Principles of estimation of **linen bleached** fa- 074194
polymerization degree of **linen fabrics.** 074193

LINES
of light reflectance of six **barley lines** with 077674
of German Democratic Republic **bred lines** 074466
Trials for **line breeding** in laying hens. 075230
of resistance of potato **breeding lines** to virus 079194
5-Bromodeoxyuridine-resistant **cell lines** fr- 077146
of Toxoplasma gondii in mosquito **cell lines** 080246
of Rous sarcomas in two **lines** of **chickens.** 075817
of after-affect of irradiation in **line clare** t-- 080444
Fattening centers & **line** of **cow**-calf. 074926
Line cross test with light strains. [Poultry] 075202
Line cross test with broilers, 1971/1972. 075205
Line cross tests for egg laying capacity of 075206
actuality of management book's **data lines.** 076313
varieties, strains & **lines** to this **disease.** [Fu- 078984
Problems in between-**lines distance** in sugar 078555
Relations among **lines** in **distribution** of B b- 074674
Selection of **female line** of rabbits for meat 075235
More profit from store lambs. **Guide lines** f- 073344
Hose line irrigation sets. 080792
of homozygous self-**incompatible lines** of wh- 077075
of chicory forcing along **industrial lines.** 078694
Cherry production along **industrial lines.** 078703
tomato production along **industrial lines.** 078706
plantations operated along **industrial lines.** 072853
to leek production along **industrial lines.** 078699
Hose **line irrigation** sets. 080792
Eureka", two new entirely **Italian lines** from 075199
High protein mutant forms of **Lathyrus lines** 077184
on planting density of inbred **maize lines.** 078482
Selection of **male lines** of beef cattle for te- 075212
New **lines** of **management** for a milling ente- 072902
of various Drosophila **melanogaster lines.** 080426
Application of monosomic & **nullisomic lines** 077151
Effects of W. L. **line** of **poultry** on certain i- 074063
Slaughtering line for cattle. 074059
for use of rolling **sprinkler lines.** 080856
Texas]-type cytoplasmic male **sterile lines** of 077250
existing & new breeds & **lines** of **swine.** 075416
grass & soil under copper high-**tension lines.** 076149
Line-throwing gun & cutter for obtaining br- 076352
rough egg shells laid by two **lines** of **White** 074743

LINOLEIC
Linoleic acid requirement of turkey poults. 075059
octadecadienoic acid from **linoleic acid.** 078081

LINOLENIC
In vivo biosynthesis of alpha-**linolenic acid** 077355
Biosynthesis of alpha-**linolenic acid** by disr- 078005

LINT
Pima **cotton lint** yield as influenced by irrig- 078261
storage & handling on seed & **lint quality.** [074240

LINURON
On effect of monuron & **linuron** on **certain** 079410

LIPASES
Purified bovine milk (lipoprotein) **lipase**: act- 073929

LIPIDS
lipoprotein) lipase: activity **against lipid** sub- 073929
Lipid composition of Chaetomium cochliodes 077454
Changes in **lipid composition** of germinating 077822
sugar beet root & its **lipid composition.** 077837
A preliminary analysis of **lipid content** & c- 074166
Lipids of potato tubers. II. **Lipid-degrading** 074289
Lipid deposition on leaves of Canada thistle 079596
Ultrastructure of **lipid deposits** & other con- 076906
on effect of different types of **dietary lipids** 074633

of concentration of **lipid droplets** in epitheli- 074645
into content of inorganic, **esterous, lipidic,** r- 075392
Lipids of potato tubers. 1. **Lipid & fatty** acid 074288
of some pesticides in **lipid fractions** of liver. 080146
Conversion of **lipids** in **gastrointestinal** tract 074848
A plant mannosyl-**lipid intermediate.** [Mung 078157
Some indices of **lipid metabolism** in hybrid 074835
of preen gland removal on **lipid over** pluma- 074739
for GDP-D-mannose: **lipid phosphate** trans- 078031
Lipids, phospholipids & phospholipid fracti- 074704
acid or safflower oil on **plasma lipids** & milk 074983
Lipids of potato tubers. 1. Lipid & fatty acid 074288
Lipids of potato tubers. II. Lipid-degrading 074289
Lipids of potato tubers. 1. Lipid & fatty acid 078060
Lipids of potato tubers. II. Lipid-degrading 078061
in sweet potato. X. Change in **lipid-protein** 079367
of inorganic, esterous, **lipidic, residual** & tot- 075392
lipase: activity against **lipid substrates** in ab- 073929
Change in **total lipids** of chick blood in cases 075599

LIPOGENESIS
tissue composition & **lipogenic capacity** in d- 074536
Lipogenesis by in **vitro** liver & adipose tissue 074535
of diet & weaning age on in **vitro lipogenesis** 074966

LIPOLYSIS
cold & glucagon on **lipolysis,glycogenolysis** 074592

LIPOPOLYSACCHARIDE
injection of a **lipopolysaccharide fraction** of 074703

LIPOPROTEINS
Purified bovine milk **(lipoprotein)** lipase: act- 073929
Study of protein **fractions, lipoproteins** & gl- 075609

LIPOSARCOMA
Liposarcoma in **dogs.** 076001

LIPOXYGENASES
Lipoxygenase in **Chlorella** pyrenoidosa. 077453
Lipoxygenase isoenzymes from Solanum tub- 078115
Dimorphotheca **sinuata lipoxygenase:** format- 078081

LIQUIDAMBAR
American sweetgum **(Liquidambar styraciflua)** 078864

LIQUIDATION
Liquidation control of agricultural enterpris- 072999

LIQUIDITY
SEE LIQUIDS

LIQUIDS
How's your **liquidity;** it's a clue to your coop 072911
extraction procedure to **accommodate liquid** 079626
study of a gas-**liquid chromatographic** meth- 079425
Frontal elution **liquid chromatography** of a 073875
by high pressure **liquid chromatography.** 073891
cation exchange **liquid chromatography.** 080084
Frontal **elution liquid** chromatography of a 073875
tissues by high-speed cation **exchange liquid** 080084
index of consumption with **liquid feeding** of 080853
Fertilizer test using **liquid fertilizer** by spri- 078175
Collaborative study of a **gas-liquid** chromato- 079425
physical considerations in **liquid handling** of 081826
Storing & **homogenizing liquid** manure with 081334
Method for spreading **liquid manure** by mea- 080838
Storing & homogenizing **liquid manure** with 081334
of large-area clearwater/**liquid-manure** irriga- 081414
Future prospects for **liquid manure.** 081423
Application of **liquid manure**--a new method 081431
Using **liquid manure** on irrigated cultivated 081526
Dairy cattle **manure liquid:** Solid separation 081810
Problems & limits of semi-**liquid manuring.** 081819
of plastics in packing milk & **liquid milk** pr- 073936
of low temperature **liquid nitrogen** in food p- 073822
emission at temperature of **liquid nitrogen.** 077540
Liquid nitrogen for sugar beets? 081502
in stabilized & unstabilized **liquid paraffin.** 078028
flavor compounds by high **pressure liquid** ch- 073891
Problems & limits of **semi-liquid** manuring. 081819
Method for **spreading liquid** manure by mea- 080838
procedure to accommodate **liquid suspension** 079626
Utilization of low **temperature liquid** nitrog- 073822
movement of **liquid** in an **unsaturated** area in 081713
incubated in stabilized & **unstabilized liquid** 078028

LIQUORS
of current practices in **liquor analyses** in Ca- 076510
preservation with sulphate **cooking liquor.** 076434
isolated from rice starch **processing liquors** 074207
Spent sulfite **liquor reducing** sugar purificati- 076536
from vegetable tanning **waste liquor.** 073808

LIRIODENDRON
central Tennessee. **[Liriodendron tulipifera]** 076215

LISTERIA
infection of lambs by L-forms of **Listeria.** II 075985
food hygiene. [Toxoplasma **gondii, Listeria** 073670
rhinotracheitis & **Listeria monocytogenes** fr- 075921

LISTERIOSIS
Animal toxoplasmosis & **listeriosis** & **food** h- 073670

LITCHI
Studies of vegetative propagation of **lychee** 078035
Lychee. 078651

LITHIUM
Lithium content of soils & plants of clay ar- 081002

LITTERS
of length of parlour in **cattle litterless** stall 080717
soil cover on decomposition of **forest litter** in 081261
Use of dazomet as a poultry **litter fumigant** 075654
Mill.) & beech (Fagus sylvatica L.) **leaf litt-r** 081160
Mill.) & beech (Fagus sylvatica L.) **leaf litt-r** 081161
of hermaphrodites in **swine litters.** 075215

LITTORAL
Pollution effects on **littoral algal** communiti- 079296

LIVER
properties of bovine muscle & **liver.** 074646
of some pesticides in lipid fractions of **liver.** 080146
Liver & biliary tract. [Dogs, surgery]. 075481
vitamin C level in suprarenal **bodies & liver,** 075586
glycogen contents in glycogen **body, liver &** 075071
Characterisation of heparin in **bovine liver** c- 074622
MD-2 on amount of glycogen in **liver cells** of 075990
amount of glycogen in **liver cells.** 075991
fractions & subfractions of rat **liver cells.** 080091
ration & protein exchange in **chick liver.** 075137
Liver disease in hog caused by Fhizopus co- 075766
Factors influencing **liver fat** content of laying 074723
Se in tissues & its **fate** in **livers** of chickens 074752
energy source on performance & **fatty liver** 075063
Studies on **fatty liver** problem in laying hens 075158
Zanil (ICI) against fasciolasis. **[Liver fluke]** 073563
experimental sheep fasciolasis. **[Liver fluke,** 075585
Zanil (ICI) against fasciolasis. **[Liver fluke]** 075587
Chromosome studies in **liver fluke,** Fasciola 075679
Attenuation of **liver fluke** disease by comvin- 075947
Liver flukes of ruminants in Algeria. 075965
acid synthesis in brown fat & **liver** of **foetal** 074561
Liver function: a review. [Animals]. 074549
Total proteins in **liver homogenate** of WL 074767
of total protein in **liver homogenate** of White 074769
by alcohol dehydrogenase. **[Horse, liver].** 074557
Factors **influencing liver** fat content of laying 074723
of egg yolk, adipose tissue & **liver** of **laying** 075049
Molecular weight of pig **liver microsomal** ca- 074542
as in vitro inhibitors of rat **liver microsomal** 074639
a fungal system similar to **liver microsomes** 077330
Molecular weight of **pig liver** microsomal ca- 074542
forms of acid phosphatase in **pig liver.** 074621
Studies on fatty **liver problem** in laying hens 075158
analogs as in vitro inhibitors of **rat liver** mi- 074639
with fractions & subfractions of **rat liver** cel- 080091
on proliferation of **liver reticuloendothelial** 075689
by ketoaldehyde dehydrogenase of **sheep liv-r.** 074669
on performance & fatty **liver syndrome** in 075063
production, blood fat level & **total liver** lipid 075158
Lipogenesis by in **vitro liver** & adipose tissue 074535

LIVERWORTS
Callus formation in **liverwort, Marchantia** p- 076945

LIVESTOCK
secretion to control metabolism. **[Livestock]** 074637
Slavic monuments of Moldavia. **[Livestock]** 074688
monuments in Ural region. **[Livestock].** 074689
of Pronsk eexpedition. **[Livestock].** 074691
Basic blood values in **livestock.** VII. Erythr- 074768
Basic blood values in **livestock.** IX. obligue 074774
in perintal & postnatal periods. **[Livestock]** 074814
properties of injured muscles in **livestock.** [074837
based on net energyfat. **[Livestock].** 074958
of insemination success. **[Livestock].** 075232
Immuno-reproduction in **livestock.** 075249
types & reproductive function in **livestock.** 075427
in herd reproduction operations. **[Livestock]** 075435
in artificial imsemination of **livestock.** 075440
of viruses pathogenic to animals **[Livestock]** 075846
with antibiotics & chemotherapy. **[Livestock** 075850
aspects of infectious infertility. **[Livestock].** 075875
New data on virus causing cancer. **[Livestock]** 075885
Use of ophthalmoscope. **[Livestock].** 076154
On problem of triallate poisoning of **livesto-k.** 076165
Sorghum: a development for **livestock?** [Cul- 078536
Raising of **livestock** in **Alpine** region. [Cattle 074394
of mammals. [Laboratory **animals, livestock]** 074570
method of feeding urea to **livestock being** fa- 075130
shift from grain to **livestock** may **benefit** U. 073226
Transaminases. **[Livestock, blood** enzymes] 074584
of raising & housing **breeder livestock.** 074496
in commercialization of **breeding livestock** in 072793
electrophoretic tests. **[Livestock, breeding].** 075386
effective utilization in **livestock breeding.** 075409
heat production of **livestock--a contribution** 080718
Livestock costs & returns from farm cost ac- 072983
lending for **livestock development.** 073139
data in positive law. **[Livestock, diseases].** 073504
vaccines in 1968--1970. **[Livestock diseases,** 075744
of Moldavia. [Infectious **diseases, livestock]** 075934
of hepatic sinusoidal wall. **[Livestock, dogs,** 074680
subspecies, breed. **[Livestock, evolution].** 074690
Extensive livestock farming in central Italy: 072883
white muscle disease in **livestock** of **Far** East 075857
nationally-owned **livestock farm.** 075359
Extensive **livestock farming** in central Italy: 072883
on intensification. **[Livestock farms].** 072886
Antibiotics in **livestock feed.** 075702
16Th, Montana **livestock feeders** report. 075078
standardization of **livestock feeding.** 075150
biological stimulators in **livestock feeding.** 075151
of chemical synthesis) in **livestock feeding.** 075146
Solid manure handling for **livestock housing,** 080693
Improving technology of **livestock housing** 080794
biochemical processes in **livestock, including** 074838
Potential of **livestock industry** in Bolivia. 073472
of antibody titers in **livestock infected** with 075932
pseudoglanders). **[Livestock, Malleomyces** p- 075882
Livestock management & soil structure. [Gr- 081158
Livestock & **meat** situation dept. of agricult- 073375
in blood serum. **[Livestock, metabolic** diseas- 076099
16Th, **Montana livestock** feeders report. 075078
Export of **livestock** to **overseas** markets. 073300
MeissenKorbitz nationally-**owned livestock** 075359
of some anthelmintics. **[Livestock, parasites]** 075718
Nutritive value, toxicity, **Poultry, livestock]** 074965
manure as feed for **livestock & poultry.** 075023
Nutritive value, toxicity, **Poultry, livestock]** 076125
manure as feed for **livestock & poultry.** 081823
Dollar & elections. **[Livestock, prices].** 073194
Grass-clover pastures & **livestock production** 078457
Problems of **livestock raising** on a large-scale 072806
organization of labor in **livestock raising.** 072974
Livestock rearing & environmental protecti- 081818
Evaluating meat of **livestock** in **relation** to c- 073693
in feed rations of **ruminant livestock.** 075148
North Dakota crop & **livestock statistics;** a- 073367
of stratification in **livestock surveys.** 073365
Livestock trade between Austria & Italy. 073215

LIVEWEIGHTS
content in all-mash on **liveweight gains,** feed 076348
Estimation of **liveweight** from **heart** girth wi- 074602

LOADING
Automatic loading & unloading trucks. 080867
Efficiency of some devices for **loading saw-m-** 076519
of technique of **unloading & transporting** in 080826

LOADS
Methods of determining **breaking load,** leng- 074133
different preservation methods on **cost load** 073063

LOAMS
methods of planting soybean in **clay loam** so- 078438
plant & fruit production on **Nisqually loamy** 081518
of fertilizers on bog-**podzolic loamy** soils of 081310
Heterodera rostochiensis, in **sandy loam** & s- 079237
Summer irrigation in sandy & **sandy loam** s- 081611

LOANS
SEE LENDING

LOAVES
Bread loaf: Test of a definition. 074129

LOBLOLLY
Regenerating **loblolly pine** by direct seeding 076408
growth regulators in **loblolly pine** seeds dur- 078223

LOCALIZATION
Localisation of alpha-**amanitin-**sensitive R- 077548
Intra-**cellular localization** of herbicide diph- 079535
investigations on **localization** of **centres** of v- 074709
Localization of **dehydrogenases** of energy m- 078139
Incidence & **localization** of **heterotopic** thy- 074615
Histochemical localization of 3betaand 17be- 074630
Histochemical localization of hydroxysteroid 074666
cylindrica. I. **Localization** of **nitrogen** fixati- 077335
Localization of **polyribosomes** in pea chloro- 078177
Localization & quantification of glycoglen in 080226
Localization of **receptors** controlling orienta- 080308
coriarium) & their **localization** in **roots.** 081036
ribonucleates. I. **Subcellular localization** of 077706

LOCUSTA
digestion & absorption in **locust, locusta** mi- 080200
migratory locusts **(Locusta migratoria** migra- 080154
in palp tip sensilla of **Locusta migratoria** in 080224
in mouth parts of **Locusta migratoria** L. 080284
different stages in **Locusta migratorioides** R. 080369

LOCUSTS
A natural calamity: outbreak of **locusts.** [Ac- 079658
between melanin & locustol of **locusts.** [Acr- 080156
digestion & absorption in **locust, locusta** mi- 080200
in crowded African **migratory locusts** (Locus- 080154
flight tendency of **locusts Schistocerca** grega- 080328
Relationship of **locust species** to locustol. [080155

LODGEPOLE
for dwarf mistletoe-**infested lodgepole** & po- 079574

LOESS
ion concentration dynamics of **loess brown** s- 081470
watersheds on Missouri **Valley loess.** 081547

LOGANBERRIES
Loganberry flavor components of commercial 074284

LOGANIACEAE
Alkaloids of **Loganiaceae:** On isolation of ha- 077524
Buddleia. [Drug plants, varieties]. 078876
Loganiaceae of **Ivory** Coast. XI. Alkaloids f- 077317

LOGGING
Misuse of motor saw. **[Logging].** 076514
Occupational Safety & Health **Act, logging]** 076244
Rationalization of **logging activities** in forest 076493
Logging conditions & methods in Finnish pr- 076549
thrown pole woods--handling **logging debris** 076465
Development of **logging productivity,** 1950/ 076319
manganese] availability in water-**logged soils** 081098
Logging in **Soviet** Union. II. 076512
Logging & transportation of pine wood trun- 076457
in race with time in **logging** of **windfall** trees 076258
Effects of **logging wounds** in young beech & 076475

LOGS
bark & grit removal system for **log flumes.** 076540
of timber in technology of tree-**length logs** 076495
Dry piling of **logs** & their **mechanical** debar- 076459
cutting & storage dates of pine **sawmill logs** 076560
Studies on conditioning of **small logs** of pine 076434
nonlinear dependences. **[Log transportation]** 076470

LOLIUM
of seeds of rye-grass & barley. **[lolium].** 077628
Rye grass trials at Kentville. **[Lolium].** 078325
ryegrass & Italian ryegrass. **[Lolium, culture]** 078432
in grasses of Festuca & **Lolium genera.** III. 077077
ryegrass pasture. **[Lolium multiflorum].** 074988
Beta-glucan sybthesis by **Lolium multiflorum** 077897
in forage plant population. **[Lolium perenne** 077793
timothy for pasture. **[Lolium, Phleum].** 078328
metabolism in barley & **Lolium temulentum** 077690

LONGEVITY
Longevity & organ weights of Beltsville Sm- 074753
Emergence & **longevity** of **seeds** of annual w- 079482
fecundity & **longevity** of **Tetranychus** cucurb- 079717

LONGIDORUS
Two species of **Longidorus** from **Marathwada** 079349

LONGITUDE
Longitudinal distribution of applied calcium, 078001
variations of intensity of **longitudinal growth** 077916

LONGLEAF
Alabama--land of **longleaf pine.** [Pinus palus- 076176

LONICERA
SEE CAPRIFOLIACEAE

LOOPERS
tests for controlling **cabbage looper** in Rolli- 079854
has consumed intoxicated **cabbage looper** la- 080105
polyhedrosis virus from **cabbage looper** larv- 080339
Control of **loopers** on **snap** beans. [Geometr- 079852
medium for mass rearing **tobacco looper** (Pl- 079741

LOWLANDS
cucurbitaceous crops of Kura-**Aras lowlands** 079230
Black-and-White **Lowland cattle** breeding in 075314
Sawmill capacity of north **German Lowland** 076463
control on growth & yield of **lowland 'IR** 8' 079473
of classifying soils of **lowland Kazakhstan.** 081243
on physical properties of **Kolkhida Lowland** 081183
water soluble phosphate in **latosolic lowland** 081094
Lowland sheep management systems. [Great 074478

LUCERNES
germination of pollen grains in **lucerne** (Me- 077163
potential threat to vegetable crops & **lucerne.** 079557
local varieties of **lucerne** under **conditions** of 078573
pest control in seed **lucerne crops.** 079738
meeting of association of **Lucerne fruit** prod- 078821
Experiments on cultivation of **lucerne-grass** 078576
rate & tongue length of **lucerne pollinating** 080446
Lucerne research in Europe. [Alfalfa]. 078527
methods of sowing of **lucerne** on **yields** of fo- 078499

LUMBER
Marketing research of **lumber;** principles & 076543
Grading of **lumber** & its **allowable** stress. 076472
of Japanese wood borer in **imported lumber** 079893
of waste material from **lumber industry** for 076449
Seasoning lumber for agricultural use. 076505
odulus of elasticity of **structural lumber.** 076570

LUMINESCENCE
Control of **luminescence** in **phengodid** bettles 080329

LUNCH
School lunch: Alaska style. 073732
compete with type A. **[school lunches].** 073778

LUNGS
Lungs. [Dogs, surgery]. 075477
of DDT in human embryonic **lung cell** cultu- 080098
On distribution of mast cells in **lungs** & **liver** 074529
Ultrastructural changes in **lungs** of **pigs** infe- 075839

LUNGWORMS
Prophylaxis of farms **against lungworm** infe- 075943

LUPINE
Excised root cultures of **lupine** (Lupinus an- 076878
Genetic study of alkaloid content in **lupine.** 077247
Tasks & methods of **breeding lupine** as a for- 077173
Narrow-**leaf lupine** for feed. [Forage plants, 078513
Perennial lupine in service of reforestation 076344
calcicole plant) & by yellow **lupine roots** (ca- 077844

LUPINUS
cultures of lupine **(Lupinus angustifolius** L.) 076878

LUTEINIZATION
anterior pituitary LH **[luteinizing hormone]** 074976
prolactin & LH **[luteinizing hormone]** in bo- 075175
Plasma oestradiol, **luteinizing hormone** & p- 075258
anterior pituitary LH **[luteinizing hormone]** 075266
preovulatory LH **[luteinizing hormone]** disc- 075278
Progesterone, LH **[Luteinizing hormone]** es- 075349
serum LH, GH, **[Luteinizing hormone,** grow- 075350
of hypothalamic LH **[luteinizing hormone]** 074620

LUTEOTROPIN
total oestrogens, **corticosteroids, prolactin** & 075175
placenta towards **endogenous prolactin.** 075338
hormone] & **prolactin** during late **pregnancy** 075350
Effect of calf removal & **prolactin treatment** 075195

LUTEUM
Development of a non-cyclical **corpus luteum** 075445
Germination of **Gentiana lutea** L. subsp. Sy- 077374

LUXATIONS
Surgical repair of **coxofemoral luxation** in d- 075461
Repair of a lateral radial **head luxation** by r- 075565
for surgical management of **hip luxation.** [D- 076212
Microphakia with **lenticular luxation** & subl- 076089

LYASES
tyrosine ammonia-**lyase activities** in potato 079344
Alginate lyase in brown alga Laminaria digi- 077268
Review article phenylalanine **ammonia lyase** 077523
Steric course of tyrosine **ammonia-lyase** rea- 077848
properties of phenylalanine **ammonia-lyase** 078136
Isocitrate lyase in green leaves. [Spinach, 077533

LYCHEE
SEE LITCHI

LYCINE
SEE BETAINE

LYCOPERSICON
between **Lycopersicon esculentum** & Lycope- 077109
abscisic acid in **Lycopersicon esculentum** & 078000
seed beds **(Lycopersicon esculentum** Mill.). 079356
a root gall of **Lycopersicon pimpinellifolium** 079345

LYE
grass after addition of **lye** & **conditioning.** 074364

LYGAEIDAE
fasciatus (Dallas) (Heteroptera; **Lygaeidae)** 080247
uniguttatus Thunb. (Heteroptera: **Lygaeidae)** 080293

LYGODIUM
of gametophytes of **Lygodium japonicum.** 076892

LYGUS
Turkey, a potential natural enemy of **Lygus** 079808
bug in Mississippi Delta. **[Lygus lineolaris,** 079709

LYMANTRIIDAE
effect on male gypsy moth **(Lymantria dispar** 079919
dispar L. **(Lepidoptera, Lymantriidae)** in fo- 079906

LYMEXYLONIDAE
dermestoides L. **(Coleoptera, Lymexylonidae)** 079898

LYMPHADENITIS
Mycobacterial lymphadenitis in pigs on Dar- 075652

LYMPHOCYTES
of **antilymphocyte & antimacrophage** serum 075591
Occurrence of **lymphocytic choriomeningitis** 075866
of in vitro **lymphocyte responses** during bov- 075615
modifications of **lymphocytes** in **scrapie** of s- 075740
Stress & in vitro **lymphocyte stimulation** by 074581

LYMPHOID
pure bursa-dependent **lymphoid cell** populat- 074583

LYMPHOMA
Lymphoma in **horse:** a diagnostic perspective 076087

LYOPHILIZATION
of humidity in **drugs lyophilized** through gas 075556
field research on **lyophilized HVT** [Turkey 075675

LYSIMETRY
Kagoshima Prefecture: **lysimeter experiments.** 081116
Lysimeter study of water use of maize & be- 077723

LYSINE
infusions of graded amounts of **lysine.** 074651
with protein-vitamin supplements & **lysine.** 075142
Problem of **available lysin** in light of latest 074354
Lysine in **feed** ration & protein exchange in 075137
Lysine-rich proteins in **high-lysine** Hordeum 077850
swine requirements of **lysine & methionine** 075145
cyanide] & poly-L-**lysine** on **partial** reactions 077407
Lysine requerement of growing chicks fed se- 075057
Effect of age on **lysine & sulfur** amino acid 075058
nitrogen fertilization on **lysine, tryptophan,** 081340

LYSOMES
D, cyclohexamide & **lysosome statilizers.** 077457

LYSOZYMES
interaction of **lysozyme** with **guanidine** hydr- 074064

MACARONI
Symposium on **macaroni, most** important It- 073784

MACHINERY
cultivation & harvesting by **machines.** 078675
for maize at Livenza exhibition. **[Machinery** 080979
abroad of French **agricultural machines:** bir- 073231
Agricultural machinery market around 1972 073269
power figures for **agricultural machinery:** A 073270
place under sun. **[Agricultural machinery,** tr- 073320
in 1971. [Fuel, **agricultural machinery].** 080785
place under sun. **[Agricultural machinery,** tr- 080787
Glossary of **agricultural machinery.** 080802
for selection of **agricultural machinery.** 080807
Exhibition of **Agricultural Machinery]:** some 080887
of maintaining **agricultural machinery.** 080899
also a crucial test for **agricultural machinery** 080900
Scandinavia's **agricultural machines** stay wi- 080905
Exhibition of **Agricultural Machinery].** II. 080944
Exhibition of **Agricultural Machinery].** III. 080945
exhibition of **Agricultural Machinery].** IV. 080946
Exhibition of **Agricultural Machinery].** I. F- 080947
Certification of **agricultural machines.** 080980
Trials with Juko **combination machine** for r- 080994
Trials with Tume **combination machine** for 080995
Machines for **cultivation** of Solonets soils of 080964
Training course for **machine drivers** in fores- 076194
Machinery & equipment for soil improveme- 080841
A **machine facilitating** harvesting of cauliflo- 080875
of California retail **farm machinery** industry 080814
Lectures on **farm machinery** for easy unders- 080854
in production of tractors & **farm machinery** 080967
at S. Pietro in Gu; **Machines** for **forage** plan- 080973
Developments in corn **harvester machinery.** 080816
Sugar-beet growing & **harvesting machinery** 080822
A new **machine** for **harvesting** of tomatoes w- 080981
Preparing **haymaking machinery** is not a si- 078252
of California retail farm **machinery industry** 080814
Agricultural **machinery market** around 1972 073269
Biological basis of **machine milking.** [Cattle] 074679
Control of **milking machines.** 080978
on pressure conditions in **milking machine.** 081000
considerations on an **oscillating machine** "B- 080798
A **machine** for **pasture** interseeding. 080958
Machinery for **pest** disease control. [Plant 080982
A multiple-use **machine** for **planting** maize f- 080957
eradicating, basin pitting, & **seeding machine** 080894
Scandinavia's agricultural **machines stay** wi- 080905
agriculture: Tour notes. **[Tillage machinery]** 080862
Planning number of **machine & tractor** oper- 072816
Some problems on utilizing **machine-tractor** 072943
under sun. [Agricultural **machinery, trade].** 073320
Some problems on **utilizing machine**-tractor 072943

MACROCYSTIS
new vegetable feeds **(Macrocystis pyrifera** & 075584

MACROELEMENTS
on certain mocroand **macroelements content** 075559

MACROINVERTEBRATES
Benthic macroinvertebrate community struc- 081877

MACROLEPIDOPTERA
British Macrolepidoptera: rare & endangered 080534

MACROMOLECULES
Absorption of **macromolecules** in **intestines** 074684

MACROPHOMINA
soil moisture on severity of **Macrophomina** 079084
ashy stem blight (**Macrophomina phaseoli** 078891

MADEIRA
subobscura populations from **madeira Island** 080262

MAGGOTS
Measures of control of **cabbage maggots.** [079816
for control of onion **maggot, Hylemya** antiq- 079842

MAGNESITE
Effect of **magnesite pollution** in altering pla- 076876

MAGNESIUM
Deficiency in **magnesium** of "Golden delicio- 077994
with light-triggered Mg2+-[**magnesium**]-de- 078007
nutrition of apples with **magnesium.** 079324
complexometry with Mg I. **Magnesium**. 074130
Magnesium absorption & secretion along ga- 074971
in metabolism of **magnesium** in **animals.** 076030
Bone magnesium, calcium & strontium conc- 074652
Effect of **calcium, magnesium** & phosphorus 075031
Effect of **magnesium** & **calcium** ions on ade- 077838
of naturally occuring **calcium, magnesium,** & 078001
phosphorotrithioate & **magnesium chlorate** 077958
Influence of **magnesium chloride** on formati- 075883
boys to two levels of **dietary magnesium** & 073711
boys to two levels of **dietary magnesium** & 073712
Effects of feeding **different magnesium** levels 074961
Magnesium fertilization. 081454
of dietary fluoride & **magnesium** in **guinea** p- 074968
Influence of **limestone, magnesium,** & trace 081518
of potassium & **magnesium** at three **rates** on 077930
Mechanism of **magnesium retardation** of cel- 076541
Effect of **magnesium top** dressing on wheat 081466

MAGNETIC
mutant of Zea mays. II. **Nuclear magnetic** r- 074980
NMR [**Nuclear magnetic** resonance] studies 076480

MAINTENANCE
buildings from rats. [**Maintenance**]. 080784
Experiences with **care agreement** in swine p- 075529
construction & **maintenance** of **agricultural** 080734
Problems of **maintaining agricultural** machi- 080899
to study of **maintaining breeding** methods in 077152
Progressive method of **cattle maintenance.** 073023
Dairy **cattle maintenance** in Dutch farms: 074420
Agricultural Association for **claw care.** 074416
Maintenance of **Cox's** Orange Pippin. [App- 078689
legislation: hypothesis for **care** & **custody** of 073544
for linkage **disequilibrium maintained** by sel- 080267
A screen for **dry maintenance** of nutria. 074392
Care of **early** sown sugarcane. 078474
Care of **environment** & agricutlure in Finla- 081832
Experiences with **maintenance** & **feeding.** [075006
siding: installing, **finishing, maintaining.** 076550
Use & **care** of **forests** & forest improvement 076380
Intensive care of surgical patient. [Animals] 075543
Effect of care & **maintenance** on **limit** of use- 080832
on **maintenance** of a **monospecific** infection 075913
for **maintenance** & **operation** of a humid pro- 073902
Maintenance organization in co-operative pl- 072809
of fertiliser rate for **maintaining pasture** pro- 081442
Poor maintenance can be costly. [Grain sto- 080731
of reproduction & **maintenance** of **Rickettsia** 080377
Let's take **care** of our **roses:** Sawflies. [Arge 079762
Maintenance of **rumen** microbial populations 074671
Stationary care of agricultural equipment. 080827
Maintenance of **urban** forest. 076347
scale animal production & **veterinary care.** 074481
Water maintenance in Netherlands. 081610

MAIZE
in action of R & B alleles in **maize.** 077042
of days to silking & seed size in **maize** (Zea 077107
type cytoplasmic male sterile lines of **maize** 077250
germination & pollen tube growth of **maize** 077879
on yield & general performance of **maize.** 078265
on varietal difference in grain yield of **maize** 078436
Eyespot of **maize** (Kabatiella zeae Narita & 079067
zinc deficiency & pellcuid spot of **maize.** 079195
Quality of **maize** (zea mays L.) fodder in re- 079474
Microflora in rhizosphere of **maize:** Perreni- 079578
Quality of **maize** (zea mays L.) fodder in re- 081374
preceeding corp in **maize** & **barley.** 078571
study of water use of **maize** & **beans** in east 077723
of stalk & absence of tassel in **maize caused** 077090
Feeding of various types of **maize cob** silage 075154
structure & infectivity of **complete maize** ro- 079204
of some harmful factors in **continuous maize** 079400
flavus Link ex Reies from **cotton, maize** & 079025
Problems of grain **maize culture.** 078300
fertilizer placement on **maize development** 078266
Hexokinase from **maize endosperm** & scutel- 077864
Maize experiments on Nsukka plains. V. Ef- 078265
Maize experiments on Nsukka plains. VI. E- 078266
susceptibility of some **maize germplasms** to 079718
Problems of **grain maize** culture. 078300
Grain maize grown in light to medium soils 078310
Full ripening of **grain maize:** Conclusions fr- 078321
factors in continuous **maize growing.** 079400
Grain **maize grown** in light to medium soils 078310
as affecting grain yield of **maize grown** in a- 078483
slowly acting nitrogen in **maize grown** for g- 078572
top dressing on wheat & **maize grown** on fo- 081466
yields in F1 generation of **hybrid maize.** 077251
Response of **hybrid maize** to nitrogen. 081378
A note on response of **hybrid maize** to zinc 081383
A major cereals project to **improve maize,** s- 073390
Inbred maize performance following tassel 077014
Study on planting density of **inbred maize** l- 078482
growth & differentiation of **isolated maize** (077704
Hiratsuka) & yellow leaf blight of **maize leaf** 079067
in optical properties of **maize leaves** at chlo- 077900
Acid phosphatase of **maize leaves;** chromato- 077920
on planting density of inbred **maize lines.** 078482
Everything for **maize** at **Livenza** exhibition. 080979
Penncillium sp. isolated from **mouldy maize** 075776
balanced fertilization of **maize** in **national** d- 081277
of cytoplasmic streaming. [**Oats, maize**]. 077881
Inbred **maize performance** following tassel 077014
A multiple-use machine for **planting maize** f- 080957
inhibitors, introduced in **maize plantlet** leav- 077919
under conditions of **maize production** region 078573
sp. isolated from mouldy **maize reaponsible** 075776
during vitro transcription by **maize RNA** po- 077695
infectivity of complete **maize rough** dwarf vi- 079204
of malate synthetase from **maize scutella.** 077870
cereals project to improve **maize, sorghum** 073390
of ammonium carbonate on **maize, spring** ba- 077887
degradation of pastes of waxy **maize starch** 074339
Threshing maize. 080956
degradation of pastes of **waxy maize** starch 074339
in green leaves. [Spinach, **wheat, maize**]. 077533
After **wheat, maize** & sorghum. [Forage pla- 078495
evapotranspiration rate & **maize yield.** 077960
of zincated fertilizers for **young maize** as inf- 081489
cytoplasms & among inbreds in **maize, Zea** 077038

MALABSORPTION
on growth, feed **conversion, malabsorption** of 074720

MALARIA
Studies on **avian malaria** in Japan. III. Tiss- 075734
ecological aspects of **malaria** in **California.** [079983

MALATE
carboxylase & **malate formation** in extracts 077846
properties of **malate synthetase** from maize 077870

MALATHION
of caged White Leghorns **fed malathion** & c- 075318
malathion & in **malathion formulation.** 079627
chemical degradation of **malathion** in **soil.** 080102
Observations on **malathion thermal** fogging 079971

MALE
correction of prolapse of urethra in **male.** [076015
EMS) **affecting male** & female gametes. 080269
Use of **male-annihilation** technique in control 079821
income of selection scheme of **males** of **beef** 075214
techniques for urethrostomy in **male cat.** 075535
mating, of gamma irradiated **male codling** 080215
of some T [Texas]-type **cytoplasmic male** st- 077250
of asymmetric dyads in **male Drosophila.** [080266
histology of antenna of **male eastern** spruce 080216
Reproduction in **male** & **female** domestic an- 075243
Complementation analysis of **male fertility** 080265
Geographical variations in **male genitalia** of 080370
cobalt 60 irradiation effect on **male gypsy** 079919
repeated mating, of gamma **irradiated male** 080215
of Drosophila melanogaster **male leg** disc fr- 080253
Selection of **male lines** of beef cattle for te- 075212
of Drosophila **melanogaster male** leg disc fr- 080253
research on testicle faults in **male minks.** 075224
oid dehydrogenases in **male reproductive** of 074630
T [Texas]-type cytoplasmic **male sterile** lines 077250
Sterile-male technique & its role in integrat- 079628
socialistic countries in **male sterility** resear- 077044
Sterile-**male technique** & its role in integrat- 079628
on mating competitiveness of **male tick** Arg- 080344
White parthenogens & normal **turkey males** 074753

MALEIC
On mechanism of effect of **maleic hydrazide** 077611
of application methods on **maleic hydrazide** 077810
On effect of **maleic hydrazide** on water cond- 077935

MALFORMATION
Studies on effect of **malformation** on **growth** 079220
in incidence of **malformation** in **Mangifera** i- 079218
Mango malformation--a review of work done 079219
of problem of **mango malformation.** 079221
mangiferae Sayed in **mango malformation.** 079758
Dislocations & **malformations** of **thyroid** gla- 074614

MALIC
Cai+ [calcium] in control of **malic enzyme** 074556
A photorepressible isozyme of **malic enzyme** 077443

MALIGNANCY
A disease resembling **malignant catarrhal** fe- 075664

MALNUTRITION
Food for thinking. [**Malnutrition**]. 073771
aspects of protein-**calorie malnutrition.** 073752
on hair of **chronically malnourished** New Gu- 073707

MALT
Differentiation of important **malting barley** 074095
protein content & kernel size of **malt barley** 077934
Effluents from **malting** & **brewing.** [Pollution 081809
of solution speed of instant **malt coffee** by an 073887
Composition of amino acids in **different malt** 073816
indirect heating systems for **malt driers** with 073882
dormancy in barley. [**Germination, malting**] 073916
processes applied in **malting industry** abroad 073881
waters & its effect on qulity of **malt, wort** & 074093

MALTOSE
IV. Identification of **maltose complementary** 077197
interaction between **maltose complementary** 077220

MALUS
Decorative Malus. 078766
genotype of **Malus domestica.** 077085
conditions of germination. (**Pinus malus** L.) 078106
of dormancy of apple embryo (**Pirus malus** 078143

MALVACEAE
of cotton pollen (**Gossypium hirstum**) in vit- 077715

MAMMALIA
vascular system in some **mammals.** [Rabbits 074507
oxidase in eleven species of **mammals.** [Lab- 074570
Susceptibility of **mammalian** (hamster) cell 075809
troubles induced in birds & **mammals.** [Inse- 076120
On introduction history of **mammals** & **birds** 074379
follicle of ovaries of **certain mammals.** [Cats 074506
involution of thymus in **domestic mammals.** 074779
common mycotic disease of **small mammals** 075952
of bait rodenticides on **small mammals** of fo- 079243
of acrosomes of **mammalian spermatozoa.** [075271
chromatographic test for **mammalian urine** 073578

MAMMARY
Stearyl-CoA desaturase of **bovine mammary** 074543
Tissue culture method for **bovine mammary** 074659
residues in milk **following intramammary** in- 073581
in goats by **intramammary inoculation** of h- 075727
Treatment of **mammary neoplasia** in dog & 076084

MAN
triglyceride interrelationships in **man.** 073747
of natural environment of **man.** 076317
of USDA Western Insects **Affecting Man** & 080030
Pathogenic Phycomycetes of **man** & **animals** 075671
Did wild animals **domesticate man.** 074415
Flies in **man's environs.** [Diptera]. 079944
Man & **flora** in Papua New Guinea. 076617
its importance, performance, **man-hour** requi- 078315
Lower Saxony cooperation for **men** on **land** 072792
Mycoplasmosis in **man, small** runinants, rod- 075922
Man & **water** management in southern Vien- 081680

MANAGEMENT
programming for multiple-use **management.** 072774
Modern style of leadership in **management.** 072791
some problems on **administration.** 072861
rational method of **management:** Census & r- 072862
with linear programming. [**Management**]. 072884
effects of various routes of **administration.** 074660
L. var. "Bombay Yellos. [**Management**]. 077981
bluestem establishment & **management.** [Bo- 078455
on **adrenocorticotropin administration** & tes- 074532
accounting in **administration** of **agricultural** 072865
of automation in **agricultural management.** 072928
as influenced by **agricultural administration** 080752
Anestheitc management in acute & chronic 075550
Anesthetic management & recovery of large 075544
Anesthetic management of patient with tra- 075547
changes affecting **anesthetic management** in 075551
Anesthetic management of cesarean section. 075553
Bermudagrass management on golf courses 078835
Effect of trypan **blue administration** on mor- 075441
keeping to actuality of **management book's** 076313
Breeding-management relationships in sheep 075304
satisfaction in farm **management business.** 072788
approaches to farm **business management.** 072790
recreational use: **catchment management** & 081717
of Zebu & Lavinia **catle managed** under cont- 074896
Range beef **cattle management.** 074433
of range forage & **cattle management** practi- 076043
before & after **administration** of **certain** vit- 074826
relation to soil **management characteristics.** 081527
Management of **chemical** control against co- 079797
working time. [Farm **management, collective** 072830
state farms to new **management conditions.** 073123
axei & Haemonchus **contortus administered** 075698
settlements: Minimal **management costs** or 073009

Concerns of **managing council** of Agricultural 072691
Management of **Czechoslovak** state forests in 076281
income for analyses of **dairy management** te- 072899
income for analyses of **dairy management** te- 072900
Water-utility **manager development.** 081599
Management & disorders of newborn foal. 076083
Drought management & feeding of beef catt- 075104
FDA [Food & **Drug Administration**] requir- 073564
efforts of food & **drug administration** to con- 073586
FDA [Food & **Drug Administration**] requir- 075448
Ecological management of thermal discharg- 080742
its most **effective management.** 073532
Ontario's **environmental management** progr- 081788
Management of **environmental** problems of 081829
approach in **management** of **environmental** r- 081876
Effect of orally **administered erythropoietin** 074517
client satisfaction in **farm management** busi- 072788
in Altai Territory. [**Farm management**]. 072817
his working time. [**Farm management,** colle- 072830
of operative control. [**Farm management**]. 072834
methods of control. [**Farm management**]. 072840
beef cattle production. [**Farm management**] 072849
Departmental structure of **farm management** 072861
of records as an aid. 1-2. [**Farm management**] 072897
** 072898
New York dairy **farm management;** business 072779
organization & **management** of **farms.** [Bulg- 072877
Buying & **managing feeder** pigs. 074429
Changes in **forest management** that can be 076238
to automation in **forest management.** 076271
Forest management in Switzerland. 076273
working plans for **management** of **forest** ent- 076278
Tree breeding as a **forest management** suppl- 076336
Management of **forested** grazing lands in no- 076292
methods in **management** of **forestry.** 076270
Rational use & **management** of **forests**--great 076317
Simulated **grazing management** systems in r- 078391
Management of **herds** of hoofed animals. 074426
High-country **hogget management.** 3. [Swine 074385
Improving management in Sel'khoztekhnika 072812
Insect management & control on crops gro- 079660
Intramuscular administration of neomycin & 075575
Management for **irrigations** of Cetate-Galic- 081690
Land management & microclimate: Problem 072732
Livestock management & soil structure. [Gr- 081158
considerations in dairy **manure management** 072979
in prominence as to **administration** of **meat** 074378
Organizational-**administrative methods** of c- 072840
New lines of **management** for a **milling** ente- 072902
settlements: **Minimal management** costs or 073009
organs following **oral administration.** 074648
immune response after **oral administration** of 075706
Effect of **orally administered** erythropoietin 074517
Organizational-administrative methods of c- 072840
in sheep after **parbendazole administration.** 075490
sourveld of Natal. [**Pasture management**]. 079502
Management of **permanent** grassland. 078448
Cotton **pest management:** a systems approa- 079261
Integrated **pest management** of apple insects 079811
Ohio **pond management.** 081836
range forage & cattle **management practices** 076043
responses to no-till **management practices** on 078260
vegetable processing--a **priority managerial** 074291
community watershed **management program.** 081723
s environmental **management program.** 081788
as a policy for water **quality management.** 073547
Water **quality management** schemes based on 081620
sources in water **quality management.** 081729
acquisition in water **quality management.** 081743
Role of **management** in **race** with time in lo- 076258
of slanting deer fence. [**Range management**] 078396
Breeding-**management relationships** in sheep 075304
approach in **management research.** [Agricul- 072782
stresses & to **reserpine administration.** 074551
Stochastic **reservoir management** & system 081741
for pitfalls. [Water **resources management**]. 081675
approach to water **resources management.** 081726
step toward an integral **rural management.** 072764
Water quality **management schemes** based on 081620
decisive criteria in **management settlements:** 073009
Sheep--management of upland flocks. 074428
Lowland **sheep management** systems. [Great 074478
contortus **administered simultaneously** to ca- 075698
Effect of **soil management** on initial yield & 081398
information in relation to **soil management** 081527
System in **soil management** for sugar beet f- 081577
methods in **management** of **state** farms in H- 072874
Influence of **state management** on intensific- 072886
breeding as a forest **management supplement-** 076336
A technique for **surgical management** of hip 076212
on a large-scale: **management** of **swine.** 072806
in dairy manure **management systems.** 072979
Lowland sheep **management systems.** [Great 074478
Simulated grazing **management systems** in r- 078391
in dairy manure **management systems.** 081761
processing--a priority **managerial task.** 074291
analyses of dairy **management techniques.** 1 072899
analyses of dairy **management techniques.** 6 072900
of method of **administering thiouracil** on thy- 074733
Crop responses to no-**till management** pract- 078260
Water-**utility manager** development. 081599
fertilization & other **management variables** 081480
Bush encroachment & **veld management** in 078278
in coming era of land & **water management** 079955
Some aspects of **water management** in Utah 080038
narrow-row cotton to **management** of **water** 081522
narrow-row cotton to **management** of **water** 081523
Management of **water** for rice production. 081670
Effective **water management** an aid to great- 081671
Man & **water management** in southern Vien- 081680
Water management in China, top priority for 081722
narrow-row cotton to **management** of **water** 081751
narrow-row cotton to **management** of **water** 081752
A community **watershed management** progr- 081723
on small ponds. [Aquatic **weed management**] 079550
diseases in small **woodlot management.** 079278
Administrator & his **working** time. [Farm m- 072830

MANDARINS

on potassium nutrition of **Satsuma mandarin** 078019
on developing qualtiy of **Satsuma mandarin.** 078174

MANDIBLES

sicca secondary to fracture of **mandible.** 076091
Significance of **mandible shape** for identifica- 080464

MANDUCA

juvenile hormone from **Manduca sexta.** 080368

MANEB

Evaluation of two **Maneb fungicides** for con- 078980

MANGANESE

Manganese: vital trace element. [Sugar beets 079251
P, Fe & Mn [phoshporus, iron & **manganese** 081098
sulphate on availability of **manganese.** [Soils 081102
on content of fat, protein, **manganese, ash,** 076006
Dynamics of **manganese, boron,** zinc, iron, 077305
Manganese content in granulometric fractio- 081179
Zinc, copper & **manganese contents** in mine- 081189
Manganese deciciency in ruminants. Manga- 076005
DCMU) & of [Musci] **manganese deficiency** 077488
of vegetable crop. 1. **Manganese deficiency** 079340
model of strontium & **manganese dynamics** 078214
Effect of aluminium & **manganese** on **flue-cu-** 077901
Content of copper & **manganese** in **grains** of 074231
Determinging **mobile manganese** in soils wi- 081126
Manganese nutrition of cotton under two bo- 077666
Effect of boron & **manganese nutrition** on st- 078071
rice in relation to iron & **manganese uptake** 077746

MANGE

Swine mange--an unnecessary evil. [Sarcopt- 080027

MANGIFERA

studies on inheritance in **Mangifera indica** L 077007
on self-incompatibility in **Mangifera indica** 077008
fruit growth in **Mangifera indica** L. VI. Ho- 077974
biennial bearing in **Mangifera indica** L. [M- 077975
Lateral bud growth in **Mangifera indica** L. in 077976
of growth & flowering in **Mangifera indica** L 077977
regulating substances in **Mangifera indica** L. 077978
Inhibition of flowering in **Mangifera indica** 077979
on maturity standards for **Mangifera indica** 077981
during root formation in **Mangifera indica** L 077982
media on rootage of **Mangifera indica** L. cut- 077983
Rootstock studies in **Mangifera indica** L. [078587
polyembryonic varieties of **Mangifera indica** 078598
rootstock problems in **Mangifera indica** L. 078601
Rooting in cuttings of **Mangifera indica** L. 078602
methods of propagation of **Mangifera indica** 078605
Propagation of **Mangifera indica** L. by air-l- 078606
of malformation in **Mangifera indica** L. [M- 079218

MANGIFERAE

Role of mango bud mite **Aceria mangiferae** 079758
of mango mealy bug. [**Drosicha mangiferae**] 079860

MANGOES

on harvesting, transport & storage of **mango** 074248
in Mangifera indica L. [**Mangoes**]. 077007
in Mangifera indica L. [**Mangoes**]. 077008
content of shoots & fruits. [**Mangoes**]. 077976
flowering in Mangifera indica L. [**Mangoes**] 077977
to growth & development. [**Mangoes**]. 077978
indica L.by gibberellic acid. [**Mangoes**]. 077979
in Mangifera indica L. air layers. [**Mangoes** 077982
of Mangifera indica L. cuttings. [**Mangoes**]. 077983
studies in Mangifera indica L. [**Mangoes**]. 078587
Poly-embryonic rootstocks for **mango.** 078588
Off-season cropping of **mango.** 078593
on harvesting, transport & storage of **mango** 078596
in cuttings of Mangifera indica L. [**Mangoes** 078602
on propagation techniques in **mango.** 078603
clonal multiplication by stooling. [**Mangoes**] 078605
indica L. by air-layering. [**Mangoes**]. 078606
Techniques of side-grafting in **mango.** 078608
on bacterial black spot disease of **mangoes.** 079131
on control of black tip disorder of **mango.** 079217
in Mangifera indica L. [**Mangoes**]. 079218
sex ratio, fruit set & yield of **mango.** 079220
affecting insect distribution. [**Mangoes**]. 079863
relation to cropping in **Alphonso mango** und- 077980
of fungal spoilage in **Alphonso mangoes** by 078889
Role of **mango bud** mite Aceria mangiferae 079758
of propagation of **mango** in **Ceylon.** 078604
Symposium on mango & **mango culture,** New 078586
Mango culture in Florida. 078591
characters of important **early mango** varieti- 078600
Bromide resudues in pulp of **mango fruits** s- 073561
Storage of **mango fruits.** 074249
Diplodia stem-end rot of ripe **mango fruits.** 078890
Variety situation of **mango** in **Gujarat.** 078599
Hybrid mangoes of Andhra Pradesh. 078590
Mango hybridization at Horticultural Resea- 077009
Some promising **mango hybrids.** 078589
Mangoes west of **India.** 078592
commercial cultivars of **mango** in **India.** 078595
of Mangifera indica L. [**Mangoes, India**]. 078598
in Mangifera indica L. [**Mangoes, India,** Ma- 078601
Philippine **mango industry**--its problems & 078594
Mango malformation--a review of work done 079219
of problem of **mango malformation.** 079221
mangiferae Sayed in **mango malformation.** 079758
Symposium on **mango & mango** culture, New 078586
Bionomics & control of **mango mealy** bug. 079860
Mite in **mango orchards.** 079759
Philippine mango industry--its problems & 078594
Some **promising mango** hybrids. 078589
Mango propagation studies at government 078607
in fatty acids in ripening **mango pulp** (varie- 074283
Some local **quality mangoes** in Madhya Pra- 078597
of Diplodia stem-end rot of **ripe mango** fruits 078890
Changes in fatty acids in **ripening mango** pu- 074283
Bacterial rot of **stored mangoes.** 079115
of important early **mango varieties** of Marsh- 078600

MANIOLA

of genetic systems in **Maniola jurtina;** boun- 080620
of genetic systems in **Maniola jurtina:** Isles 080621

MANNOSES

mannosyl acceptor for GDP-D-**mannose:** lip- 078031
A plant **mannosyl-lipid** intermediate. [Mung 078157

MANTISPIDAE

flight activity of some **African Mantispidae** 080408

MANUAL

Studies **concerning manual** & mechanical pr- 081357
Manual early diagnosis & therapy of hip dy- 076067
Results of **manual labor**-saving sugar beet cu- 072876
with low or no input of **manual labour.** 078708
with small input of **manual labour.** 079457
conclusions from low **manual work** beet cult- 078312

MANUFACTURE

problems of mixed **bread manufacture** under 074128
of tinned processed **cheese manufactured** fr- 073654
formulation in ice **cream manufacturing.** 073958
of plywood **manufacture development** in Cze- 076443
lags in increased **manufacturing employment** 073523
in harvesting & **manufacturing equipment** m- 076419
plastics relation in **furniture manufacture.** 076442
reed pulps in **manufacture** of some **grades** of 073819
Time lags in **increased manufacturing** emplo- 073523
Union in development & **manufacture** of **KS** 072808
bagasse in **manufacturing** of some **paper** gra- 073820
Some problems of **plywood manufacture** dev- 076443
Manufacture of **purified** cattle immunoglobu- 075577
of meat during **manufacture** of **ravioli.** 074016
Sugar manufacture without molasses. 074089
extraction in diffusers. [**Sugar manufacture**] 074157
of diffused juices. [**Sugar manufacture**]. 074159
of high purity in **sugar manufacture.** 074211
saturation temperature. [**Sugar manufacture**] 074174
aconex" & "preconex" [**Sugar manufacture**] 074205
means of electrodialysis. [**Sugar manufacture**] 074247
branches in **manufacturing** of **sulphate** pulp 076437
synthetic desthiobiotin. [**Wine manufacture**] 073883
in casks & in bottles. [**Wine manufacture**]. 073919
a scholar's view. [**Wine manufacture**]. 074313

MANURE

Adding lime to **manure.** 081356
Influence of organic **manures, ammonical** & 081387
Spreading **artificial manure.** [Equipment]. 080901
Dairy **cattle manure** liquid: Solid separation 081810
in liquid handling of dairy **cattle manure.** 081826
laying hens various levels of **cow manure** on 075039
considerations in **dairy manure** management 072979
for pneumatic conveying of **manure** on **dairy** 073100
considerations in **dairy manure** management 081761
by fertilizing with **manure** from **donkeys** & 079331
with a ration of laying hens' **manure dried** 074888
Use of **manure** from **farm** animals for feed & 075124
of humus formation from **farm manures.** 081360
Availability of **farmyard manure** nitrogen to 077738
Investigation of **farmyard manure** in Tokyo 081366
Digestibility of processed **feedlot manure** (C- 074900
in poultry houses. [**Manures, fertilizers**]. 081287
Long-term effects of **manure, fetilizer,** & pl- 081395
Salmonellosis, **manure flies,** & pastures. [Di- 075739
Grow legumes for **green manure.** 081274
in dry tract of Bijapur. [**Green manures**]. 081439
Solid **manure handling** for livestock housing, 080693

Effect of incorporating **hen manure** into diet 075067
trial with a ration of laying **hens' manure** dr- 074888
of loess brown soils in **intensive manuring** w- 081470
area clearwater/liquid-**manure irrigation.** 081414
Method for spreading **liquid manure** by mea- 080838
Storing & homogenizing **liquid manure** with 081334
of large-area clearwater/**liquid-manure** irriga- 081414
Future prospects for **liquid manure.** 081423
Application of **liquid manure**--a new method 081431
Using **liquid manure** on irrigated cultivated 081526
Dairy cattle **manure liquid:** Solid separation 081810
Problems & limits of semi-**liquid manuring.** 081819
considerations in dairy **manure management** 072979
Availability of farmyard **manure nitrogen** to 077738
Influence of **organic manures,** ammonical & 081387
Phosphate manuring of soybean & its effect 081385
Processed **poultry manure** for use in mixed 074372
On nutritive value of **poultry manure:** Meta- 075076
industry: Keratine & **poultry manure** as feed 075023
feeding of dairy cows & **manure removal** (R- 074453
of using unified methods of **removing manure** 080722
Salmonellosis, manure flies, & pastures. [Di- 075739
Solid manure handling for livestock housing, 080693
operation of 8-ton **manure spreaders.** 080831
Comparative tests of **manure spreading** trail- 080813
Spring manuring of winter wheat. 081510
Manuring of **tea:** present recommendations. 081464
Complex operation of 8-**ton manure** spreade- 080831
Remuneration for **manure** with **yield** supple- 081307

MAPLES
Cultivation of **sugar maple** (Acer saccharum) 078851

MAPPING
photographs from space for **compiling maps** 081806
Pest **control chart** for ornamentals in home 079837
information represented by **Economic Map** 076324
of vegetation maps for **establishing maps** for 076839
Maps for **evaluating** land resources of regio- 072756
Maps for **evaluating** natural resources for a- 081804
basis & method for **evaluation-map** making 081803
Land maps for regional planning. 072757
Series of small-**scale maps** of engineering ev- 081801
Map showing ecological limitations of Pinus 076844
First experiment with a **map showing** soil e- 081541
More **soil maps!.** 081040
its quantitative characteristics on **soil maps** 081078
Maps of **soils** & ecology. 081104
Ecological study & **vegetation mapping** of R- 076853
Vegetation mapping in survey scales. 076865

MARC
SEE POMACE

MARCHANTIA
Callus formation in **liverwort, Marchantia** p- 076945
on radioecology of **Marchantia polymorpha** 076856

MAREK
FC126) to protect chickens **against Marek's** 075624
in normal & in **Marek's disease** affected chi- 074605
against cecal coccidiosis & **Marek's disease.** 075625
viruses that interfere with **Marek's disease** 075649
Marek's disease: experimental & field resea- 075675
in normal & in **Marek's disease** affected chi- 075687
Cell-free preparations of **Marek's disease** vi- 075691
Marek's disease in broilers. Clinical & path- 075748
Marek's disease in Japanese quail (Coturnix 075804
Survival & disinfection of **Marek's disease** v- 075806
Marek's disease: Long term results obtained 075823
in birds affected with **Marek's disease,** & th- 075884

MAREMMA
Chiana, Marche, **Romagna, Maremma**]. 072883

MARES
SEE HORSES

MARGARODIDAE
purchasi Maskell (Hemiptera: **Margarodidae**) 080361

MARINE
of certain species of **marine diatomaceous** al- 077472
of Pythium marinum, a **marine facultative** p- 078939
of a shady & wave-**lashed marine** population 076836
permanently submerged **marine lichen.** 076739
cuticles. I. Cuticular pores in a **marine mite.** 080227
DDT residues in **marine phytoplankton.** 080133
Scolytidae) on trunk of young **maritime pine** 079912
Veterinary medicine in **Maritime Territory.** 075516
from South **Maritime Territory.** 080655

MARKERS
Study of metabolism of **carbon** 14 **marked** c- 074498
Nature & amount of **carbon**-14 **marked** com- 077486
fistulosa & incorporation of **marked carbon** 077550
Linkage between **marker genes** on barley ch- 077092
Study of **genetic markers** & their effective u- 075409
by identification of **marker substance** gentio- 079138

MARKETING
History of sugar in Brazil. IV. [**Marketing**] 073182
New foods 1972. [**Marketing**]. 073247
producers in regard to quality & **marketing.** 073650
for efficiency in **marketing** of **agricultural** p- 073254
Marketing aspects of potato culture. 073178
Avocado marketing problem. 073183
on "Vinitaly" metting on **better marketing** of 073233
Potato **Marketing Board** in Great Britain. 073261
insurance in slaughter **carcass marketing** of 073209
Marketing channels for eggs. 073325
Northern Norway **Marketing Cooperative.** 073302
Direct marketing opportunities--applications 073184
Marketing economics research publications; 073323
Marketing food & agricultural products in 073212
a family business. [Retail **marketing, food**]. 073259
Production & **marketing** of **garlic** by cooper- 073069
harvesting & **marketing** on way to **individual** 076453
Objective of farmer: **Integral marketing** of h- 073163
Integrated marketing. [Timber]. 076454
Meat-marketing under change. 073210
Northern **Norway Marketing** Cooperative. 073302
Marketing of **nursery** plants. 073240
Direct **marketing opportunities**--applications 073184
Marketing orders. [Essential oil]. 073290
Papaya marketing on Oahu: retail markup 073188
Is regulation needed in **potato marketing** of 073260
Potato Marketing Board in Great Britain. 073261
Avocado **marketing problem.** 073183
Marketing prognosis--a necessary evil? [Pri- 073272
Marketing research of lumber; principles & 076543
for a family business. [**Retail marketing,** fo- 073259
from view of **marketing** with **special** regard 073179
Marketing statistics. [Poultry]. 073175
Marketing strategy & sugar industry. 073305
of slaughter animals & **marketing** of **swine** c- 073207
Hedging as a **marketing tool** for western cat- 073341
Marketing & transportation situation. 073324
Christmas **tree marketing;** a bibliography (1 076427

MARKETS
Conquest of **market:** role of innovation, tec- 073248
farm-raised channel catfish in **supermarkets:** 073328
I base plan on Ohio milk sheds & **markets.** 073426
Finishing cotton for today's **market.** 074239
Common **agrarian market** in expansion. 073176
we expect in Common **Market agricultural** 073288
farmers produce & **market agricultural** prod- 073340
products in four Tennessee **market areas.** 073312
Forecasting **cattle market** situation. 073148
Cattle market in change? 073282
Truth on **cellulose market.** 076468
Cockerel market: to produce less--profit mo- 073331
prospects of **market** for **commercial** hog feed 073246
apple & pear growing & **Common Market.** 073239
can we expect in **Common Market** agricultu- 073288
cooperatives in European **Common Market.** 073314
Reus: Two traditional **contract markets.** [Ag- 073165
On situation in **dairy market.** 073180
Future production & **market development** in 073393
Market economy or planned economy? 073330
Hybrids increasing in **European market.** [S- 073241
Feed market out of joint: Effects on econo- 073315
of international **fertilizer market.** 081276
Futures market--a partial substitute for una- 073266
with regard to common **grain market** regulat- 073189
Contribution to study of **horsemeat market.** 073297
S. Agricultural exports to 50 **largest markets,** 073221
Agricultural **machinery market** around 1972 073269
Economic Community on **milk market.** 073316
Competive **oligopolistic market** structure in 073242
Market outlook for cattle & calves 1973. 073281
Export of livestock to **overseas markets.** 073300
Forecasting **pig market** situation: Evaluation 073151
Sudden change in **pork market.** 073271
Annual forest **products market** review; 1971 076447
regard to common grain **market regulation.** 073189
Annual forest products **market review;** 1971 076447
for Sonoma County. [**Roadside markets**]. 073184
Forecasting cattle **market situation.** 073148
Forecasting pig **market situation:** Evaluation 073151
Wine **market situation.** 073345
Competive oligopolistic **market structure** in 073242
Recent fluctuations of **sugar market.** 073170
Growth of health food sales in **super market** 073211
Thunderclouds over **swine market!.** 073283
dairy products in four **Tennessee market** ar- 073312
Wine market situation. 073345

MARKINGS
Measuring, marking & recording of timber in 076495

MARROW
Control of powdery mildew of **marrow** (Erys- 078896
of liver reticuloendothelial & **bone marrow** 075689

MARSHES
Color aerial photos for **marshland.** [Nevada, 076744
Treasure of **marshes.** [Rice culture]. 078494
recreation potential of **Bjornkaer marsh.** 081798
on plants & animals of a **Florida wetland.** 076818
vegetation in eutrophic & low **marsh lakes** of 076858
of typically anemophilous salt **marsh plants** 077314
In Ballum meadow & **Skast marsh** there re- 072751
Remote sensing of **tidal marsh.** [Vegetation, 076864

MASHES
of spent hops & dregs during **mashing.** 1. T- 073813

MASS
on increase in biological **mass, accumulation** 077639
Seasonal live **body mass** changes & wool gr- 074999
relationships between **mass** of **breeding** habi- 079987
Gas **chromatographic-mass** spectrometric an- 073877
by combined gas **chromatography-mass** spec- 077549
Refining **cocoa mass** on high speed agitation 073906
Field **desorption mass** spectrometry of pesti- 080085
Economical reflections on **mass freezing** of 074119
Biochemical nature of roots & **green mass** of 077305
Distribution of **plant mass** on south slope of 076817
Supply of **plant mass** & energy of Betula fo- 078199
Possibilities of **mass raising** & use of Sclero- 079916
A semisynthetic medium for **mass rearing** t- 079741
Studies on **mass rearing** of Acanthoscelides 079760
Studies on **mass selection** of Razaki grapes 077264
Infection rate of **mass species** of Muridae w- 080019
scale investigation of heat & **mass transfer** 081825

MASSECUITES
Electrical heating of **massecuites.** 074210

MAST
SEE FEED

MASTITIS
herd environment & control of **mastitis.** 075910
fractions in blood serum in cases of **mastitis.** 075927
Mastitis & agalactia in a sow. 075743
Experimental escherichia **coli mastitis** in ca- 075869
Mastitis control-- development of a simple 075982
with special reference to **Klebsiella mastitis** 075879
Staphylococcal mastitis: phage types & patt- 075781
of heifers against **Staphylococcus mastitis.** 075681
goats, & production of **subclinical mastitis** in 075727

MASTOCYTOMA
Mastocytoma in a **Boxer** dog. 076041

MATCHING
Income tax: Agricultural **activities matching** 073080
Matching grass to stock. [Cattle, sheep]. 074907

MATERNAL
Maternal & fetal responses to varying levels 074655
placental weight & **maternal placental** circu- 075264

MATHEMATICS
Mathematical analysis to determine long run 074245
possibility of using **mathematical methods** in 076270
A **mathematical model** to prepare copper-en- 081467
Mathematical modeling of soil temperature. 081202
A review of some **mathematical models** used 081663
Mathematical-statistical evaluation of results 073648
Mathematical-statistical evaluation methods 076252
Physiological & **mathematical study** of grow- 077431
Physiological & **mathematical study** of grow- 077432

MATING
Genetic differentiations in **mating behavior** 077057
Mating behavior of southwestern corn borer 079704
Differences in **mating behaviour** of rat flea 080407
on **mating** of **Chlamydomonas** reinhardtii. 077442
Can **mating chores** be shifted? [Mink]. 075302
of irradiation on **mating competitiveness** of 080344
Interaction between plus & **minus mating** t- 077337
Mating of & **pregnancy** in Arctic fox. 075223
Mating reactions in Trichophyton terrestre 077161
Increase in fertility, with **repeated mating,** of 080215

MATRICES
Environmental matrix: input-output techniq- 081875

MATURITY
function of Pekin ducks during **maturation.** 074532
ib castorbean seeds during **maturation.** 077931
Influence of state of **maturation** on **chemical** 078185
Influence of **maturing** on **chrome** tanning of 074043
Corn maturity & Ontario corn heat units. 077728
Determination of **maturity** of **grain** of corn 077987
between humidity, stage of **hemp maturity** 074191
of triglycerides from **maturing kernels** of co- 077823
Effects of host variety, **plant maturity,** soil 079084
Producing **mature plants** from embryos exci- 077670
Reproductive maturation & pheromone rele- 080412
Effect of **seed maturation** & plant population 077656
activity is decreased after **sexual maturation** 074520
Methods of delaying **sexual maturity** of pull- 075042
in varieties of tall, late **maturing sorghum.** 078341
development & **maturation** of some **sour** che- 078188
Studies on **maturity standards** for Mangifera 077981
on vegetative growth & **maturity** of **tobacco** 077739
soil moisture on **maturity** of **tobacco** leaves 077740

MAXILLARY
dehydrogenases in **maxillary glands** of pigs. 074666

MAYFLIES
of coniform chloride cells in **mayfly larvae:** 080301

MAZZARDS
Performance of **mazzard cherry** varieties on 078637

MEADOWS
Nitrogen mineralization of **meadows.** 078372
In **Ballum meadow** & Skast marsh there re- 072751
Comparative rating of **Belorussian meadow** 081172
on seed germination of **certain meadow** gras- 077826
Two grasses well adapted to **French meadow** 078307
Change in chief industry of **Frisian meadow** 072721
Mountain **meadow improvement** through se- 078394
Bees of **mesophilic meadows** & prairie fores- 080608
in intensification of **meadows** & **pastures** in 078284
of mineral fertilization on **meadow soil** resp- 081472
zoocoenoses) in soils of **meadow stands** in c- 078498
Means of improving **tussock-meadows** in flo- 081568

MEALS
Studies on field **bean meal** in sole rations for 075117
Bone meal of new production technology in 075136
Use of **meat-bone meal** in fattening cattle. 075163
antioxidants & poultry **byproduct meal** on fl- 075002
On substituting grass **meal concentrates** in 075160
Cottonseed meal & biuret mixtures as winter 074931
on rate of eating during a **meal** in **dairy** cows 074984
energy value of rapeseed **meal determined** w- 075060
different levels & times of fish **meal feeding** 075001
of growing chicks fed sesame **meal-gelatin** d- 075057
Pelleting of **grass meal** & chopped hay. 074371
of Nosema plodiae in **indian-meal** mothx Pl- 080333

MEALY
Bionomics & control of mango **mealy bug.** 079860

MEASLES
of efficacy of a heterologous **(measles)** vacci- 075800

MEAT
view of & perspectives on cattle & **meat.** 073401
psychrotroph in meat & products of **meat.** 073568
on sphere of cutting-technics. **[Meat].** 074011
ion concentration value in practice. **[Meat]** 074012
Is it permissable to take **[meat]** means of 074014
Studies on water-holding capacity of **meat.** 074031
Studies on water-holding capacity of **meat.** 074032
cattle on fresh beet pulp & quality of **meat.** 075167
Argentine Rural Society & **Meat Advisory** 073516
acceptance of slaughter **animals, meat** & me- 073206
removal of slaughter **animals, meat** & meat 073604
acceptance of slaughter **animals, meat** & me- 073999
on water-holding capacity of **meat** & **behavi-r** 074031
Use of **meat-bone** meal in fattening cattle. 075163
Enzymatic removal of **meat** from **bones.** 073996
rabbit production for **meat** as a new **branch** 074481
Red Steppe cows & bulls of **meat breeds.** 075413
crossing of dairy, dairy-meat & **meat breeds** 075415
acid composition of chicken **brest meat.** 073661
Comparison of quality of **canned meat** & ca- 073600
Establishing purebred herds of **meat cattle** 075414
tissue based on simple **meat charactersitics** 074001
rehydration of freeze-dried **chicken meat.** 074080
container for air-freighting **chilled meat** cuts 074034
Study of estrogen residues in **meats** of **claves** 074780
Quality control in **Combined Meat** Works of 073605
Meat condition of heifers & bulls fattened u- 075116
of sensoric features in **cooked meat.** 074061
dimethylnitrosamine in **cured meat** products 073573
for air-freighting chilled **meat cuts.** 074034
hypodermic tissue in **meat** of **Czechoslovak** 073989
of industrial crossing of dairy, **dairy-meat** & 075415
water-holding capacity of **meat, distribution** 074032
Meat emulsions. 074026
Evaluating meat of livestock in relation to c- 073693
Meat from **farm** or factory? [Outlook]. 073414
Determination of **fish meat** peptides in tech- 073911
Frozen meat technology. 074024
of superficial microflora of **frozen meat.** 074030
temperature on quality of **frozen meat.** 074036
Biochemical indices of **meat** of **geese** infested 073696
An antioxidant in over-**heated meat.** [Reser- 074033
On quality of **meat** & **hide** of young cattle. 074056
Improving meat & fattening qualities of Liv- 075431
for new integrated **meat industry** plant Pra- 074057
of environmental protection. **[Meat industry** 081846
Carcass & **meat inspection** of calf; a photog- 073673
department for new **integrated meat** industry 074057
Meat & lard quality of swine with different 074051
protein content of **meat** during **manufacture** 074016
Meat-marketing under change. 073210
Determination of pentoses in **meat & meat** 073627
Identification of estrogens in **meat & meat** 073672
Moisture & fat analysis of **meat & meat** pro- 073988
Determination of pentoses in **meat & meat** 074020
Norway Marketing Cooperative. **[Milk, meat]** 073302
heat denaturation of turkey **meat myoglobin** 074067
Expenditures by Tennessee **meat packing** fi- 073524
growth of Enterococci in **pasteurized meat** p- 073686
Determination of fish **meat peptides** in tech- 073911
Freshness & quality in **portioned meat.** 074015
Efficient inspection of **poultry meat.** 073603
Microbial quality of ground **poultry meat.** [073662
Meat & poultry, standards for you. 073687
Meat & poultry: clean for you. 073688
allowances] number of **meat** in **presence** of 073641
market structure in **meat processing** industry 073242
of meat storage & **meat processing.** 074013
A draft of a **meat processing** department for 074057
pig production as seen from **meat-processing** 074463
Breeding of **meat production** with turkeys, 075207
female line of rabbits for **meat production.** 075235
of relationship between **meat production** & 075331
Simmental cattle. **[Meat production].** 075405
Meat productivity of young Tombov Red, B- 074485
Comparative evaluation of **meat productivity** 075425
of slaughter animals, meat & **meat products.** 073206
faculative psychrotroph in **meat & products** 073568
dimethylnitrosamine in cured **meat products** 073573
interest of quality control. **[Meat products]** 073601
of slaughter animals, meat & **meat products** 073604
nitrite curing salt to **meat products?**-from b- 073606
of pentoses in meat & **meat products.** [Adul- 073627
of estrogens in meat & **meat products.** 073672
of Enterococci in pasteurized **meat products** 073686
fat analysis of meat & **meat products:** a revi- 073988
during processing of **meat products.** 073997
of slaughter animals, meat & **meat products.** 073999
High speed curing of **meat products** by smo- 074009
of pentoses in meat & **meat products.** [Adul- 074020
of Black Pied bulls for **meat qualities** of pro- 075434
of objective characteristics of **meat quality.** 073602
What is **meat quality?** 073607
Effect of bithionol on milk & **meat quality.** 073694
Quality analysis of **meat salads** by germ con- 073036
Results of cold storage of **meat & sausages.** 073995
boiled muscle tissue based on **simple meat** c- 074001
Livestock & **meat situation** dept. of agricult- 073375
yield, component parts, & **meat, skin** & bone 074079
of antibiotics in **meat** of **slaughtered** cattle. 073592
A comeback for **steer meat?** 073317
Standardisation of **meat storage** & meat pro- 074013
Storing meat in your refrigerator. [Contami- 073651
as seen by veterinary **meat technologist.** 074008
Frozen **meat technology.** 074024
Meat technology as seen by veterinary meat 075475
Device for determination of **meat tenderness** 074002
Expenditures by **Tennessee meat** packing fi- 073524
on heat denaturation of **turkey meat** myogl- 074067
as to administration of **meat type** breeder h- 074378
Contribution to study of **meat utility** of Slo- 074527
dimensions of rabbits as to their **meat utility** 074773
Meat technology as seen by **veterinary meat** 074008
Quality control in Combined **Meat Works** of 073605
of treatment of wastes from **meat works.** 081824
In focus: **Meat** is **worth** it. 073294
Utilization of **meat** of **young** boar, intermed- 073998

MECHANICS
Importance of **agricultural mechanics** courses 080879
Added value tax on **agro-mechanical** work. I- 073091
Mechanical & biological methods of controll- 079438
cardboard mill, using **mechanical-biological** 081781
Some economic aspects of **mechanical cane** 072995
Notes on **mechanical composition** of soils. 081248
Experience **concerning mechanical** sweet ch- 080876
of agricultural **mechanics courses** in Mozam- 080879
piling of logs & their **mechanical debarking.** 076459
processes of **mechanical defibration** of wood, 076557
Development of unmanned **farming mechani-s.** 080855
Effect of **mechanical fruit** injury on behavio- 073616
A **mechanical harvester** for stalk-cut tobacco 080971
Mechanical harvesting of flue-cured tobacco. 078540
Mechanical harvesting, raisin grapes--an eva- 078643
Mechanical harvesting of beans in European 080811
Mechanical harvesting of strawberries; resul- 080974
of surface soil by **mechanical method** of gras- 081549
rate & completeness of **mechanical milking.** 074459
Mechanical planting of fruit plantations ope- 072853
Latest about **mechanical planting** of prespro- 080897
On **mechanical power** in mechanical systems 080996
concerning manual & **mechanical practices** of 081357
of some physical & **mechanical properties** of 076441
board physical & **mechanical properties.** 076509
Mechanical properties of plywood & blockb- 076545
of flax in relation to **mechanical properties** 081296
Trials with **Rapid** 201, **mechanical** reaper. 080988
Experience concerning **mechanical sweet** ch- 080876
On mechanical power in **mechanical systems** 080996
spruce bark-beetle by **mechanical traps.** [Ips 079900
Added value tax on agro-**mechanical work.** I- 073091

MECHANIZATION
Agriculture & **agricultural mechanization** in 072634
Development of **agricultural mechanization.** 080799
Future of **agricultural mechanization.** 080810
Agricultural mechanization in Israel research 080893
Agricultural mechanization in year 1980 in 080976
of solipeds & **mechanization** of **agriculture.** 073297
of solipeds & **mechanization** of **agriculture.** 074444
development of **mechanization** in **agriculture** 080890
Mechanization & automation in feeding dai- 080926
in **mechanization & chemization** of industrial 078669
Complex mechanization in harvesting & after 080925
Shaped beds as an aid to **mechanized crop** 080934
research on **mechanization & electrification** 080963
Mechanization of **family** farms. 072938
Mechanization of **family** farms. [Costs]. 073089
in Czechoslovakia. **[Mechanization, farm** bui- 080736
shop is essential for **mechanized farming.** 080882
associated with **mechanisation** of **farming** in 080904
Mechanization of **forest** nursery cleaning as 076248
of Silviculture & **Mechanization** of **Forestry** 076305
Standards for **mechanization funds** for potato 073112
Mechanization for **further** intensification of 073483
Trends in **mechanization** of **grain** harvesting 080842
Mechanization of **grape** culture in hilly areas 073093
Mechanization of **grape** harvesting: A new 080866
Mechanization of **harvesting** works in soybe- 080943
achievement of **mechanized harvesting** of ve- 080961
Mechanization, labor & time in multiple cr- 072794
Mechanization of **large**-scale enterprises of 074453
Mechanization of **large**-scale production fo- 080775
Mechanization of **large**-scale enterprises of 080965
Application of **modern mechanization** in app- 080896
trends in **mechanization** of **operations** conne- 080938
Mechanization of **outdoor** vegetable growing 080953
Mechanization of **pickling** cucumber culture 080886
Mechanized removal of buds from grape roo- 078812
Remembering early days of **mechanized road** 076421
Twenty five years of **mechanized road** build- 076422
Practical results in **mechanized rock** removal 076425
growing. 1. **Mechanization** of **seeding** & tra- 078674
Mechanization of **timber** harvesting in Neth- 076499
On **mechanisation** of **trichinelloscopy** of swi- 075705

MECOPTERA
morphology & systematics **(Mecoptera:** Bor- 080391

MEDIASTINUM
Thoracic duct & **mediastinum.** [Dogs, surgery 075482

MEDICAGO
of pollen grains in lucerne **(Medicago** L. sp. 077163
Diurnal variation in alfalfa **(Medicago sativa** 077651
Composition of alfalfa **(Medicago sativa** L.) 077914
induced white flagging in **Medicago sativa.** 079308

MEDICAL
Medical microingredients for feedstuffs emp- 075105
Acari: Trombiculidae) of **possible medical** & 080008
A contribution to **medical prophylaxis** of at- 075682
of Zbigniew Kozar: **Medical & veterinary** he- 075980

MEDICINE
Ecological morphology of **certain medicinal** 076976
Antitussive properties of **certain medicinal** p- 077584
of chlortetracyclin--**containing medicinal** pel- 075684
Effect of **feed medicaments** on bacterial infe- 075810
with Aurero-S-700 **medication** in **feed.** 075900
of active substances of **medicinal herbs** on s- 079942
Laboratory medicine: new techniques. [Vete- 075538
Sampling for **laboratory medicine** procedures 075539
chlortetracyclin--containing **medicinal pellet** 075684
amoora rohituka w. & a.)-a **medicinal plant** 076783
Natural products from **medicinal plant.** XVI- 077446
specialization in **medicinal plant** culture. 078882
morphology of certain **medicinal plants** und- 076976
properties of certain **medicinal plants.** 077584
Insect pests of **medicinal plants** in Bulgaria. 079666
Sampling for laboratory **medicine procedures.** 075539
University School of **Veterinary Medicine** in 075447
review of neurology. **[Veterinary medicine].** 075458
a review (1971-1972). **[Veterinary medicine]** 075459
Veterinary medicine in antic authors. 075491
discipline "Internal **veterinary medicine"** in 075496
atarax & xylazin. **[Veterinary medicine].** 075502
State of **veterinary medicine** in Israel. 075506
Faculty of **Veterinary Medicine** of Cluj (R- 075511
Prostaglandins. **[Veterinary medicine].** 075513
Veterinary medicine in Maritime Territory. 075516
Agriculture & **veterinary medicine** in New 075524
Agriculture & **veterinary medicine** in New 075530
coli K-12 in vivo. **[Veterinary medicine].** 075933
its importance in **veterinary medicine.** 075952
a review of literature. **[Veterinary medicine]** 076000
molecular lesion. **[Veterinary medicine].** 076143

MEDUSAHEAD
of squirreltail in **medusahead infested** ranges 078395

MEGACHILIDAE
A new **Osmia** [kaarikalensis] from southern 080634
new species of **Megachilidae** from **Mexico** (080633

MEGASPOROGENESIS
early ovule **development, megasporogenesis,** 076893

MEGASTIGMUS
Pteromalidae) of **Megastigmus pictus** (Forst 079883

MEIOCYTES
SEE MEIOSIS

MEIOSIS
var. Chinese Spring at mitosis & **meiosis.** [076934
Meiotic behavior of asymmetric dyads in ma- 080266
aspects of colchicine action on **meiotic cells.** 078085
Time & duration of **female meiosis** in wheat, 076982
hexaploid Triticale. II. **Meiosis & fertility** in 077093
Non-**homologous meiotic** pairing in a & b g- 077079
nucleoloids in **meiocytes** of **lilium.** [Longiflo- 078155
Meiosis in **mutants** of winter wheat induced 077241
Meiosis in **Plantago** serraria L. 076930
at first division of **meiosis** in **Triticum** aesti- 076931
nature of disturbances of **meiosis** in **various** 077213
Sensitivity of **meiotic yeast** cells to ultravio- 077081

MELANCONIACEAE
Coryneum cardinale, **Coryneum beijerinckii,** 076998

MELANINS
Relationships between **melanin & locustol** of 080156

MELANOPLUS
colourmorph of **Melanoplus fasciatus** (F. Wa- 080236

MELANOSE
Studies on **citrus melanose.** VII. Mechanis- 079076

MELIACEAE
Studies in embryology of **family Meliaceae.**- 076783

MELINIS
of molassesgrass, **Melinis minutiflora.** 081322

MELIOIDOSIS
Melioidosis (or pseudoglanders). [Livestock, 075882

MELOIDOGYNE
reproduction of **Meloidogyne graminis** & M- 079318
Pathogenicity of **Meloidogyne hapla** to lett- 079309
Meloidogyne hapla in organic soil: effects of 079310
reproduction of **Meloidogyne hapla** in lettuce 079311
Hatching of **Meloidogyne incognita** eggs in 079312
infected by **Meloidogyne incognita.** 079345
tomato production. [**Meloidogyne incognita**] 079392
at & after planting. [**Meloidogyne javanica,** 079383
by nematode, **Meloidogyne mali.** 079272
of root knot **nematodes Meloidogyne** spp. In 079356

MELOLONTHINAE
in muscles of **cockchafer, Melolontha** melol- 080204

MELONGENA
SEE SOLANUM

MELONS
with pathogenesis in **melon anthracnose.** [C- 078908
method. [Citron **melons, bacterial** diseases] 079134
in population density of false **melon beetle,** 079723
in population density of **false melon** beetle, 079722
Growing melons under plastic covers. 078841
Anatomic structure of **melon seeds.** 076984
sex expression & yield of **squash melon** (Cit- 078095

MELOPHAGUS
Sevin used for control of **Melophagus ovinus** 080044

MEMBRANES
of electric resistance of **cell membranes** of 076898
Vitelline **membrane chemical** composition in 074742
in cells of **membranes** of **chick** embryos. 075600
Fine structure of **chloroplast membranes** of 076975
gradient across **chloroplast membranes.** [Let- 078032
by ultrafiltration with **dynamic membranes.** 076536
linking study of beef **erythrocyte membrane:** 074554
with components of **erythrocyte membrane** 077696
sulphide from fat-**globule membrane.** 073964
of proteins of milk fat **globule membrane.** 074564
Plasma membrane of ram, boar & bull sper- 075268
Antiviral properties of **membrane proteins** in 079212
polysomes to **thylakoid membranes** in Chla- 076956

MEMORY
In **memory** of **Dr.** Frant. A. Novak. [Botani- 076591
In **memory** of **Dr.** Cenek Novotny. [Botanis- 076592
a support for **memory & planning.** 078424

MENTHA
phenolic esters in **Mentha arvensis.** 077503
of allopolyploidal **peppermint Mentha** piper- 077204
Biological characteristics. [**Mentha piperita**] 077303
pests on peppermint. [**Mentha piperita**]. 079659

MERCAPTOETHANOL
dithiothreitol, **& mercaptoethanol** in **Pisum** 077999

MERCURIALIS
SEE EUPHORBIACEAE

MERCURY
Total **mercury contained** in various edible fi- 073657
Study of **mercury content** in Austrian soils 081059
method for **mercury** in **formulations** contain- 080053
advances in development of **mercury-free** pe- 080123
effect of oral ingestion of **methyl mercury** on 076138
accumulation of **mercury** in **organs** & tissues 073704
Accumulation of **mercury** in **tissues** of cattle 073632
Results of an investigation of **total mercury** 081835
Toxicity of **mercury** to **young** chickens. 1. Ef- 076133
Toxicity of **mercury** to **young** chickens. 2. G- 076134
Toxicity of **mercury** to **young** chickens. 3. C- 076141

MERGERS
of cooperation **& merging** of **agricultural** op- 072844

MERISTEMS
of cell division in **meristem** of **Allium** sativ- 076897
Potato virus X in potato **apical meristems.** 079145
Fine structure of intercalary **meristem cells** 077005
DNA synthesis by sulfite in **root meristem** of 077401

MESENTERY
hepatic vein, protal vein **& a mesenteric vein** 074787

MESODERM
of pigment defect by **mesoderm-ectoderm** re- 075259

MESOPHYLL
enzymes in isolated **mesophyll cells** & bund- 077354
Infection of tobacco **mesophyll protoplasts** 079200
on isolated tobacco **mesophyll protoplasts:** e- 077877

MESOSOMES
Mesosomes: their role in delimitation of asc- 077469

MESOSTIGMATA
of a new species (Acarina: **Mesostigmata).** 080570
ecological analysis of **soil Mesostigmata** (Ac- 080447

MESOTHORAX
ase activity in wing disk **& mesothoracic leg** 080187

MESQUITE
of leaf-footed bugs on **mesquite reproduction** 079487

METABOLISM
central nervous system, blood **& metabolism** 076018
as inhibitors of fungal growth **& metabolism** 077483
Metabolism of [14C] paraoxon with fractio- 080091
role in Crassulacean **acid metabolism.** 077542
on cell wall ribonucleic **acid metabolism &** 077758
Indole acetic **acid metabolism** in soil as infl- 081065
Mull. Arg.: Dependence on **metabolic activi-y** 077489
on development **& metabolic activity** of wing 080319
distribution **& metabolism** of **aflatoxin** B.-1 074541
effects on rates of **aldrin metabolism** in pea 078002
Metabolism of n-**alkane** in Endomycopsis li- 077423
Metabolism of n-**alkanein** Endomycopsis lip- 077422
absorption **& metabolism** of **amino** acids in 078099
vitamin E in **metabolism & animal** nutrition 074913
Ascochyta imperfecta, **antifungal metabolism]** 077449
additions on **apparent cometabolism** of DDT 079644
Nutritional **& metabolic aspects** of circadian 073746
metabolism in rabbit: **metabolic balance & e-** 074648
Metabolism cage with electronic feeding & 074844
Study of **calcium metabolism** at unequally o- 074525
Calcium metabolism in laying hen. 4. calci- 074730
Calcium metabolism in laying hen. 5. Effect 074732
on **carbohydrate metabolism** in high saturat- 074632
protein **& carbohydrate metabolism** in geese 075053
of protein **& carbohydrate metabolism** in or- 078008
Carbohydrate metabolism in Musa paradisia- 078118
Study of **metabolism** of **carbon** 14 marked c- 074498
Comparative **carbon metabolism** in plants. 077615
Tyrosine **& catecholamine metabolism** in wi- 080320
of distrubances of **metabolism** in **cattle** duri- 075140
Metabolic changes in plants after virus-infec- 079193
Study of **metabolism composition** & respirat- 078016
of seeds under various **metabolic conditions** 077219
rays under various **metabolic conditions** dur- 077225
Metabolic consequences of dietary medium- 074967
with inner secretion to **control metabolism.** 074637
Metabolism of **cystine** by Merino sheep gen- 074550
Metabolism of **DDT** in human embryonic lu- 080098
blood serum. [Livestock, **metabolic diseases]** 076099
DNA metabolism in germinating embryos of 077627
Metabolism in **early**-weaned baby pigs. 074850
Metabolism of **endothall** by aquatic microor- 079480
Metabolizable energy content of rapeseed oi- 075037
in estimates of **metabolizable energy** value of 075060
of poultry manure: **Metabolisable energy** of 075076
of dehydrogenases of **energy metabolism** in 078139
efects of diets & season on **gas metabolism** 074607
Metabolism of **glucose** by unicellular blue-g- 077331
cyclase & regulation of **glycogen metabolism** 077573
of biosynthesis **& metabolic heterogeneity** of 077492
Metabolism of **hexachlorocyclohexane** to ch- 074641
temperatures, **& metabolism** of **Holstein** co- 074658
Metabolism of **indolacetic** acid-1-14C [carb- 077992
ion concentration] **metabolic ingubitors,** abd 077853
of growth **& by metabolic inhibitors.** 077435
Effects of **metabolic inhibitors** on giant cell 077574
Influence of some **metabolic inhibitors,** intr- 077919
Ethylene-accelerated **limonoid metabolism** in 074282
isomer pretreatment of **lindane metabolism** 074641
Some indices of **lipid metabolism** in hybrid 074835
in blood serum. [**Livestock, metabolic** diseas- 076099
Disturbances in **metabolism** of **magnesium** in 076030
preventing disorders of **mineral metabolism** 075021
intakes on **metabolism** of these **minerals &** 075031
Metabolism of **myoglobin** in cases of edema 075940
Some knowledge on **nitrogen metabolism** in 074815
Nitrogen metabolism of stargrass as affected 077663
cobalt on **nitrogen metabolism** of cotton un- 077722
magnesium chlorate on **nitrogen metabolism** 077958
V. Abscisic acid **& nitrogen metabolism** in b- 077690
organochlorine **pesticide metabolism** in ovine 074640
of penicillamine on **phospholipid metabolism** 073786
ammonia lyase. [**Metabolism, plants**]. 077523
Metabolic pool of free aminoacids in muscles 080204
of phosphorus **& potassium metabolism** in l- 078068
Metabolic profiles--some aspects of their int- 074807
deficiency on enzymes of **proline metabolism** 076049
Protective **& metabolic properties** of rats' sk- 075028
Studies on **protein metabolism** in higher pla- 077733
Studies on **protein metabolism** in higher pla- 077734
Protein metabolism in seeds in heterotic co- 077908
Purine metabolism in wheat shoots treated 077626
translocation, **& metabolism** of **pyrazon** in s- 079612
endoxan) **metabolism** in **rabbit:** metabolic ba- 074648
Recent findings **regarding metabolism** of mi- 075021
Metabolism & residues of temik aldicarb pe- 080086
Respiratory metabolism of Fusarium oxyspo- 078888
Metabolic responses of adolescent boys to 073711
Metabolic responses of adolescent boys to 073712
of lambs. III. Rumen **metabolic responses &** 074870
Metabolism of **specifically** labelled lactate 074667
Stress metabolism. V. Abscisic acid & nitro- 077690
Metabolic studies in poultry. 074800
Thyroid metabolism of chickens. 1. Estimati- 074755
Metabolism of **trehalose** in Euglena gracilis 077570
Nucleoside **triphosphate metabolism** in musc- 075716
lack of radiochemical **& metabolic turnover** 077459
of ruminants. I. **Metabolism** of **urea** & amm- 074706
treatment of seeds under **various metabolic** 077219
gamma-rays under **various metabolic** conditi- 077225
Zinc metabolism in rabbits in postirradiation 076132

METABOLITES
of rat kidney by vitamin D **metabolites.** 074544
of pesticides & their **metabolites.** 080085
of carbofuran & its **metabolites** in **field-gro-** 077770
activity & plasma **metabolite levels** in chick- 074973
Effect of **root metabolites** on photosynthesis 077937
Triterpene metabolite of Trametes stowardii 077345

METACARPAL
in form & structure of **metacarpal bones** with 074760

METALS
Fulvic **acid metal** complexes. [Soil chemistry 081091
of potassium & other **alkali metals** by isolat- 080667
Effect of **metal cations** on swelling & gelatin- 074208
Lightning damage to an **entire metal** shed. 080712
Determination of **heavy metals** in foods. 073634
study of functions of **metal phosphate** poly- 077309
on effect of these **metals** on **stability** of edib- 074237

METAMORPHOSIS
Composition of our **metamorphic rocks** from 081200

METATHORACIC
Structure of **metathoracic scent** gland system 080413

METEOROLOGY
Meteorology & agriculture. 072637
water depletion **& meteorological factors.** 077650

METERS
Over one million **cubic meters** of timber are 076205

METHANE
gamma radiation **& Ethyl methanesulfonate** 077888

METHANEARSONIC
of MSMA [**monosodium methanearsonate.** 079595

METHANOL
proteins found in **chloroform-methanol** extr- 074162

METHBENZTHIAZURON
of peas to **methabenzthiazuron & bentazon.** 079418

METHIONINE
of using synthetic lysine **& methionine.** 075145
Methionine biosynthesis & sexual reproduct- 077494
on lysine, **tryptophan, methionine,** & cystine 081340

METHIONYL
studies on tRNAs [**methionyl-t Ribonucleic** 078130

METHODOLOGY
ultra-micro scale by means of a new **method** 073839
products: a review **& comparison** of **methods** 073988
season? 2. Comparison of some **methods.** 078839
Application of liquid manure--a new **method** 081431
atomic **absorption methods.** 081126

Accounting methods for fur breeder. 072912
Influence of **method** of **administering** thiour- 074733
Organizational-**administrative methods** of c- 072840
Saline & sodic soil & **amelioration methods** 081566
Evaluation of four **analytical methods** for de- 080139
by fluorescent **antibody method** of Mycopla- 075777
by indirect fluorescent **antibody method.** 075897
of adaptation & **methods** of **application** of e- 077794
Effect of **application methods** on maleic hyd- 077810
Preplant **application methods** & herbicide a- 079619
Operational research **methods applied** to fo- 076327
comparative toxicity **appreciation method** to 080178
Automated methods for nitrogen, phosphorus 077394
A gamma backscatter method of measuring 081105
of organization & **methodological basis** for s- 080963
Biological method for evaluation of folder p- 074943
Mechanical & **biological methods** of controll- 079438
Principal **biological methods** of determinati- 081614
mill, using mechanical-**biological method.** 081781
On methods of **blending** variants in field ex- 077174
Observations on **method** for **blood** testing for 075987
Sod **bonding methods.** [Silviculture]. 076382
Modes & **methods** of **bread** baking. 074184
to study of maintaining **breeding methods** in 077152
Tasks & **methods** of **breeding** lupine as a for- 077173
Cartographic methods of complex prospecti- 081077
Method of **catheterizing** hepatic vein in she- 075576
plants. VI. Examination of **chamber method** 077793
Influence of **chemical method** of shearing w- 074813
Gas **chromatographic method** for analysis of 080093
of a gas-liquid **chromatographic method** for 079425
by three different **collection methods.** [Amb- 080346
How grain processing **methods compare.** [F- 074330
of obtaining a **method** for **comparison** of cha- 073463
Complex method for determining quality & 078578
with seeds by direct **compression method.** 078402
carotovora f. citrullis by **conjugation method** 079134
Control method of red spider mite Tetranyc- 079874
system as a **method** of **controlling** agricultur- 072836
fertilization & **cultivation methods** in cereal 078319
Assertion of progressive **cultivation methods** 078417
to study of strawberry **cultivation method.** 078744
Tissue **culture method** for bovine mammary 074659
A new **method** of **deep** freezing bull semen: 075303
organs on **methods** of **deheading** of cucumbe- 078013
Methods of **delaying** sexual maturity of pull- 075042
Method of **determination** of value of fruit tr- 072924
A **method** for **determination** of TBA [table of 073641
Statement of **methods** of **determination** of p- 073888
of Benedek's **method** for **determination** of to- 073922
A **method** for **determination** of TBA [table of 074027
Method of **determination** of projective cover 076870
Study of some **methods** for **determination** of 081043
A **method** for **determination** of saccharase a- 081070
Method of **determing** economic effectiveness 081412
Method for **determining** direction of insect 073579
Methods of **determining** breaking load, leng- 074133
A contribution to **method** of **determining** wa- 077368
Method for **determining** direction of insect 079921
of some **methods** for **determining** organic ph- 081229
Developing methods for using antibiotics & 075151
Developing methods for improving existing 075416
of size (T) & shape (Sneath's **dh method**): 080191
evaluation of **methods** for **diagnosing** ascaria- 075944
prepared by two **different methods.** 073877
Influence of **different methods** of transport 074553
of beech by means of **different methods** of s- 076365
Testing **different methods** & planting dates 078563
Studies on **different methods** of propagation 078605
of soil in relation to **different methods** of te- 081264
of luorine in plants by **diffusion method.** 077367
study of an enzymatic **digestion method** for 073576
An indicator-**dilution method** for studying in- 074519
Zea mays: **methods** for **diploid** callus culture 077692
in silage by Flieg's **distillation method.** 074342
Surface **drainage methods** for saline-alkali s- 081643
of defibrator pulp used for **dry-method** fiber- 076557
New **methods** of **drying**, evaluation & impro- 076439
An **easy method** for germinating flower seeds 078043
Effective methods & technology of large-sca- 074487
Methods, Efficiency & Cost of Copped hay 074329
An **efficient method** of feeding urea to livest- 075130
Investigations on selection of **method** of **egg** 074238
measured by four-**electrode method.** 075309
Electrometric methods of determining acitiv- 081005
Effect of **method establishment** of Townsville 075075
Estimate method of planning production cos- 073024
A **method** for **estimating** total polyphenols in 073864
A **method** of **estimating** root efficiency. 077429
A comparison of **estimation methods** measur- 079867
Methods of **evaluating** degree of danger to f- 076224
A new **method** of **evaluating** winterhardiness 077911
On **evaluating methods** of determining amo- 081153
Mathematical-statistical **evaluation methods** 076252
Theoretical basis & **method** for **evaluation-** 081803
Experimental methods & results of ovum tr- 075443
Comparison of **methods** of **extracting** acid-so- 077295
study of a **method** for **extraction** of light fil- 073575
hexametaphosphate **extraction method.** 074161
Wall., depending on **method** of **extraction.** 077583
Factorial method to calculate energy requir- 075157
Logging conditions & **methods** in **Finnish** pr- 076549
in foods by rapid **fluorometric method** & by 073574
Tubing **fumigation method** for selection of p- 076227
New **method** of **grading** seeds of cereal crops 074229
Effect of **methods** on **grafting** pears with qu- 078816
Collaborative study of a **gravimetric method** 080053
Studies on **haploid method** of breeding by a- 077031
Studies on **haploid method** of breeding by a- 077032
Harvesting methods & their possibilities of 078670
Cost comparison of **heating methods.** [Gree- 073076
Methods of **housing** for dairy cattle. 080702
Housing methods for bull fattening. 080704
cysticercosis: **Methods** of **immunological** dia- 075580
Methods of **improving** quality of processed 074198
Methods of **improving** qualities of phosphate 081409
production complexes by **industrial methods** 072971
Test **Interval Method**, an important DHI [074375
Method of **investigating** effective soil protec- 081591
Methods for **investigation** of biosynthesis in 077569
virus infection in mice. II. **Invitro methods** 075730
between two **methods** of **irrigating** pots in a 078491
Irrigation methods in today's agriculture. 081685
Effect of **irrigation methods** on productivity 081715
Methods for **isolation** & purification of etha- 077503
Methods & kinds of nutrition education (19 073766
possibility of using **mathematical methods** in 076270
malt coffee by an electric **measuring method** 073887
comparison of estimation **methods measuring** 079867
A **measuring method** to determine water co- 081272
of surface soil by **mechanical method** of gras- 081549
Modern methods of genetic research in ani- 075348
Modern methods of plant protection. 079372
Modern methods for harvesting of hay. [Equ- 080852
A **modified method** for assessing susceptibili- 079016
Analytical Chemists] **multiresidue method** w- 080056
Durande, early followers of **natural method** 076799
A **nondestructive method** of following moist- 081227
Norm method of planning in animal industry 072842
Adapting to new **nursery methods.** [Silvicul- 076383
of productivity & new **methods** of **nutrition.** 075140
Achievements & costs of **operating methods** 079630
Operating methods of subsoil liming. 081335
Constructiona dn **operation method** of linear 080825
Attempt of determination of **optimal method** 075796
Improvement of **methods** & **organization** in 072922
Organizational methods in management of s- 072874
New **oscillopolarographic method** for determ- 080074
Italian **palmate method** of pruning of peach- 078641
of farms. [Critical **Path Method**]. 072878
of application of Critical **Path Method** for p- 076433
Adaptation of **o-phenanthroline method** for 073917
Effect of rate & **method** of **phosphate** fertili- 081358
Method of **phosphate** application for wheat 081482
Effect of **planting methods** & ripening phases 077910
A preliminary study on **methods** of **planting** 078438
Polarography method of determination of 2, 075139
Method for **preparation** of vanilla concentra- 074278
Effect of **preparation method** on induction of 077837
for industrial use; **method** for **preparation** of 078772
pollen. A convenient **preparatory method.** [077754
Influence of different **preservation methods** 073063
Experiments on **methods** of **preservation** of 080680
Methodical problems of current estimates of 073772
of chantes in cereal **processing methods** in y- 074199
How grain **processing methods** compare. [F- 074330
Transition to industrial **production methods** 073465
Production methods similar to industry in f- 076300
further development of **production methods** 076301
of exports about **methods** of **prognosis** in fo- 076308
Progressive method of cattle maintenance. 073023
Method of **propagation** of grapes by layering 078815
depending on various **pruning methods** of vi- 078015
of production & **purchasing methods** for fee- 073099
New **method putting** traverses in forests. 076322
Notes on some **quantitative methods** in study 076868
Methods for **raising** of effectiveness of feed 074945
Methods of **random** testing in food industry. 073852
Agricultural operations & **rational method** of 072862
Methods of **rational** organization of agricult- 072887
caucasica Lipsky & **methods** of **rational** utili- 076770
Method of **recording** fermentative gases of r- 074793
Operational **research methods** applied to fo- 076327
Rationalization of **sampling methods** in fore- 076246
Minimum tillage as a **method** of **seedbed** pr- 078403
Method for **seedling** mortality reduction on 078462
Effectiveness of **methods** of **selecting** healthy 079211
Sensory methods in quality grading of food 073615
An economical **series method** for establishing 077376
an evaluation of **methods** for **severing** fruiti- 078643
A modified methenamine **silver method** for s- 074724
Production **methods similar** to industry in f- 076300
development of production **methods similar** 076301
A **simple method** for obtaining undiluted na- 074539
electron microscopy: **simple method** for sect- 076886
Simple methods for plating single vegetative 077341
hesperiidae) a **simplified method** to evaluate 080193
A **simplified method** of determination of bor- 081197
A practical **skinning method.** [Chinchillas]. 073994
industry effluents using trail-**slope method.** 078463
A **method** to **sort** adults & brood from mater- 080180
Effect of time & **methods** of **sowing** of lucer- 078499
crop rotation. V. Models of **sowing methods** 078548
by micro-**spectrophotometric method.** 077618
Method for **spreading** liquid manure by mea- 080838
A rapid diagnostic **staining method.** 075805
Effect of **method** of **stand** establishment & 079473
Possibilities of using **standardized methods** 074910
design of an automated **stationary method** of 080720
Methods in **study** on plant resistance to spi- 079875
Procedural assumptions of field **test method** 076564
study of Foss-Milko-**tester method** for meas- 073928
Moldavian Chernozems by **method** of **themal** 081169
Effect of different **tillage methods** on growth 081528
Methods of **timber** storage for control of in- 079897
colorimetric & silver **titrimetric methods** for 079627
sucker control & **topping methods** on flue-c- 078541
found with modified Hellige-**Truog method** 081492
of dairy cattle traits by **twin method.** 075420
Possibilities of using **unified methods** of re- 080722
Testing **various methods** of stratification of 078810
New **methods** in **weed** control. [Potatoes]. 079489
I. Effects & applicability of **wet methods** of 078401
Improvement of **work methods** & organizati- 072921
Methodics of **work** with a stauroscope at de- 074174
Improvement of **work methods** & organizati- 080954

METHOXYCHLOR

Methoxychlor: a new way of fighting fleas 080014

METHOXYFLURANE

Methoxyflurane in **small** animal anaesthesia 075537

METHYL

with thiophanate ethyl & its **methyl analog-e.** 079306
food stuffs fumigated with **methyl bromide** 073633
Soil fumigation with **methyl bromide:** uptake 079239
Methyl bromide fumigation of Pratylenchus 079313
trials with a mixture of **methyl bromide** & c- 079934
food stuffs fumigated with **methyl bromide** 080094
5-**Methyl**-3-**butyl**-octahydroindolizine, a nov- 079989
of Dimetilan (2-dimethyl **carbamyl**-3 **methyl** 076159
for tolerance to **chloramben methyl** ester. 079605
of **methyl** 2beta,3beta-**dihydroxyolean**-12-en 076431
Triterpene **methyl ethers** of Cortaderia sple- 077522
effect of oral ingestion of **methyl mercury** on 076138
determination of **methyl parathion** & N-hyd- 076126
human data. I. Ethyl--& **methyl parathion.** 080049
doedycoides by 6-**methyl purine.** 077312

METHYLCARBAMATE

of residues of **methylcarbamate insecticides** 073582

METHYLOL

of cotton modified by N-**methylol agents.** IV 074222

METHYLUREA

induced by N-nitroso-N-**methylurea.** II. Chl- 077195
induced by N-nitroso-N-**methylurea.** I. Vari- 077229

MICE

cells in experimental trichinellosis in **mice.** 075591
encephalomyelitis virus infection in **mice.** I. 075729
encephalomyelitis virus infection in **mice.** II 075730
lactate & pyruvate by two-**cell mouse** embry- 074667
enhanced virulence for **mice** in **comparison** to 077137
Studies on fertility of **DDK mice:** reciprocal 075276
australis A in **mice** as **determined** by RMAT 075863
Fasciola hepatica from **donor mice** & hamst- 075837
Control of **mouse-ear** chickweed (Cerastium 079583
Estrogen acitivity in **female mice** of strains 075776
inhibition of immunity in **mice infected** with 075590
enzyme in intestine of white **mice infected** 075602
exposures of **mouse spermatogonia** to fast n- 075354
Site of gene action in **steel mice:** analysis of 075259
muscles from different species. [**Mice, swine** 074590
of genital organs & fertility of **white mice.** 075441
On **wood mice** (voles) in Yamagata Prefectu- 079321

MICELLE

Studies on forms of **casein micelles.** III. Inf- 073951
of temperature & urea on **casein micelle** co- 073952

MICROARTHROPODS

SEE ARTHROPODA

MICROAUTORADIOGRAPHY

SEE AUTORADIOGRAPHY

MICROBES

Studies on **microbial colonization** of sapwood 078915
Microbial contamination of enzyme prepara- 073595
a must for effective **microbial controls.** [Food 073612
Microbial degradation of several acetamide, 080136
of ozone on superficial **microbial flora** of be- 073680
Microbial hydroxylation of herbicide n-(3,4- 079481
Microbial mortality factors in Aedes sierren- 079975
Multiple antimicrobial resistance in Escheri- 075629
of dietary lipids on **microbial population** in 074633
Maintenance of rumen **microbial populations** 074671
Microbial quality of ground poultry meat. [073662
Microbe as a source of food. 073809
of fungi. V. **Microbial transformation** produc- 077346
Microbial versus chemical degradation of m- 080102

MICROBIOLOGY
Microbiological aspects of transplanting dis- 079117
Microbiological classification criteria for R- 081237
Aspects of **microbiological control** of foods. 073587
Investigations on **microbiological control** of 079861
of statistics to **microbiological evaluation** of 073614
Microbiological investigations on lamb keba- 073692
of 15N & 14N in **microbiological nitrogen** t- 081108
Microbiological study of heat defleecing. 3. 074045
Calculation of **turbidimetric microbiological** 073715

MICROCLIMATE
Land management & **microclimate:** Problem 072732
a modifying agent of **microclimate.** 076825
Microclimate under **green** canopies & produ- 074475
Improving microclimate of hen houses with 080793

MICROCULTURE
SEE CULTURES

MICROELEMENTS
under influence of some **microelements.** [Pe- 078189
distribution of **microelements** in **plants** found 077375

MICROFIBRIL
ethylene: effects on **microfibril orientation** 077972

MICROFLORA
Examinations of **microflora** of **air** in a cow 075755
Algal microflora of a string mire in relation 077384
Changes of **microflora** during **growth** of duc- 074775
Effect of herbicides on **microflora** of **leached** 079495
for comparative study of **microflora** in **milk** 073924
Root **region microflora** of plants with refere- 077451
Microflora in **rhizosphere** of maize: Perreni- 079578
Studies on **rhizosphere microflora** of onion 081216
Variability of **superficial microflora** of frozen 074030

MICROMORPHOLOGICAL
SEE MORPHOLOGY

MICRONUTRIENTS
SEE NUTRIENTS

MICROORGANISMS
gallisepticum & other **microorganisms.** [Pou- 075736
Urban (Humiriaceae) on **microorganisms.** 077403
SSR. 6. Distribution of **microorganisms.** 081033
Soil **microorganisms affect** alfalfa. [Nemato- 079276
of endothall by **aquatic microorganisms.** 079480
Microorganisms & diseases encountered in 080661
peach & their effects on **soil microorganisms** 079117
of algae. [Herbicides, **soil microorganisms**]. 079597
decayed by fungi. [**Soil microorganisms**]. 081217

MICROPHTHALMIA
Microphthalmia in **triploid** chicken embryos 074613

MICROSCALE
Projection-viewer for **microscale aerial** phot- 076329

MICROSCOPY
by RMAT. [Rapid **microscopic agglutination** 075863
R.M.AT. [Rapid **microscopic agglutination** t- 075864
Electron microscopy of cured & fermented c- 074227
quail for transmission **electron microscopy.** 074724
Electron microscopic & serological studies 075783
of Hamamelididae) **electron microscopic** inv- 076798
by scanning reflection **electron microscope.** 076879
of pollen by scanning **electron microscopy:** s- 076886
Electron microscopic observations of culturusing light & scanning **electron microscope.** 076891 076923
A light & **electron microscopic** study of spo- 076974
Electron-microscopic investigations of respi- 080453
electron & ordinary **light microscopy.** 073910
virus: fluorescence & **light microscopy** of inf- 075836
of plant material for **light microscopy.** 076996
chromatographic and/or **microscopic methol** 073965
Microscope photometry of organic substanc- 081057
females by **microscopic preparations** of head 080586
for fluorescence & **regular microscopy** on a 076997
Microscopic studies of bright leaf tobacco. I 074223

MICROSOME
of pig liver **microsomal carboxylesterase.** 074542
as in vitro inhibitors of rat **liver microsomal** 074639
a fungal system similar to **liver microsomes** 077330
as in vitro inhibitors of rat **liver microsomal** 080082
desaturase of bovine **mammary microsomes** 074543

MICROSPORES
mutagens on **microspore genesis** in sugar be- 076889

MICROSPORIDIA
opacita (**Microsporidia, Nosematidae**) on Cu- 079946

MICROTOMY
microscopy: simple method for **sectioning.** 076886
Epoxy **embedding, sectioning** & staining of 076996

MICROWAVE
chicken reheated by **microwave energy.** 074070
Acceptability of **microwave reheated** precoo- 074075

MIDGE
New species of **biting midges** of genus Culic- 080587
New species of **biting midges** of genus Culic- 080588
Gall midges new to fauna of Netherlands. VI 080529
of mosquitoes & **midges** at **University** of Cal- 079953
Net-**winged midges** or Blephariceridae of Ca- 080210

MIDGUT
other alkali metals by **isolated midgut** of sil- 080667

MIDRIB
in vivo evaluation of A **brown midrib** mutant 074979
in vivo evaluation of a **brown midrib** mutant 074980
Lamina bruising **& midrib crushing** characte- 078540

MIGRATION
Migrating butterflies in 1971. [Lepidoptera] 080519
alkaline phosphatase in **migrating cells.** 075604
Observations of **insects migration** in Poland 080399
Migration & population studies of pink boll- 079703
bioassay by inhibition of **trichome-migration** 079423
Prefecture. III. **migration** of **wood** mice bet- 079321

MIGRATORY
requirements in crowded **African migratory** 080154
Migratory flights of Dysdercus voelkeri Sc- 080228
Migratory flights of Dysdercus volkeri Sch- 080229
Determination of **migratory route** of borfly 079997

MILDEW
Control of **apple mildew.** 079082
Biology & damage of **mildew** of **barley.** [Ery- 078958
spore trap catches of **barley mildew.** [Erysi- 079055
Cereal mildew on wheat. 079092
Profitableness of **mildew control.** [Wheat]. 079022
Mildew control in grain permits alternatives 079051
New **downy mildew** heads for Cornbelt. [Sc- 078956
inheritance of resistance to **powdery mildew** 077095
Control of **powdery mildew** of marrow (Erys- 078896
Powdery mildew of cereals & its control. [E- 078919
distribution, & control of **powdery mildew** & 078945
fungicde for tobacco **powdery mildew,** in to- 078983
Powdery mildew of cereals. [Barley, wheat, 079079
Studies on **powdery mildew** (Erysiphe gram- 079097
distribution, & control of **powdery mildew** & 079795
L.) assortment to powdery **mildew, stem,** br- 079064

MILK
Cost of liter of **milk:** Is it more or less rais- 072843
world export of condensed products. [**Milk**] 073286
Keep bacterial out of **milk.** 073593
Studies on phosphatase in **milk.** I. Applicati- 073677
Isolation of Dursban & diazinon from **milk.** 073695
for comparative study of microflora in **milk** 073924
Constant temperature control. [**Milk**]. 073925
tester method for measuring fat in **milk.** 073928
determination of calcium content of **milk.** 073934
III. Influences of urea & acetamide. [**Milk**] 073951
Aseptic bottling in a clean room. [**Milk**]. 073967
young cattle & in production of **milk.** 074910
effects on qualitative characteristics of **milk** 075093
producing 4,000-6,000 kilograms of **milk.** 075160
for an increased protein content in **milk.** 075334
Isolation of Dursban & diazinon from **milk.** 080145
urea on casein micelle components. [**Milk**] 073952
Factors **affecting milk** productivity & effecti- 075402
insaponifiable fraction of **anhydrous milk** fat 073950
Use of **artificial milk** in raising calves. 074878
from cheese made from **bactofugated milk.** 073654
on grassland; nitrogen for **milk & beef** prod- 081319
Enzymes in **bovine milk:** a review. 073765
Purified **bovine milk** (lipoprotein) lipase: act- 073929
Enzymes in **bovine milk:** a review. 073943
technological properties of **milk** from **cattle** 073563
Outstanding position of sour **milk cheese** as 073937
Milk coagulants: chantes. 073932
Use of **concentrated milk** in production of p- 073977
study of production of **milk** for **consumption** 073276
Determining **milk content** of sheep according 074491
Effect of **cooling milk** on heat-release of hy- 073964
Iodine content in cow's **milk** with **cows** fed 073983
for sugar in feed rations of **milch cows.** 075095
Iodine content in cow's **milk** with **cows** fed 075170
Regulation of acidity of **milk, cream** & whey 073974
Is there a **milk crisis** on way?--what does o- 073489
Quick review of **daily milk** production. 073171
a cooperative base plan for **milk & dairymen** 073454
Determining milk content of sheep according 074491
of a milk substitute without **dried skimmilk** 075080
Drink milk regularly. 073775
powder & clecithin"-**enriched milk** powder, 073965
fraction of anhydrous **milk fat.** 073950
Proteolytic digestion of proteins of **milk fat** 074564
tract of ruminants with varying **milk fat** con- 074848
Research into possibility to replace **milk-fat** 074852
or safflower oil on plasma lipids & **milk fat** 074983
of interbreeding differences in **milk fat** com- 075329
hydrolized flour in **milk feed** mixtures. [Cal- 074855
Production of **milk** from **feeding** cow: with a 074925
Maziwa lala--a **fermented milk.** 073982
Milk fever can be prevented. 076029
Fruit juice-**flavoured milk,** a healthy bevera- 073776
of milking operation upon end of **milk-flow** 074457
Research estimates of **fluid milk** sales since 073322
Application of phosphatase test to **fluid milk** 073677
Oxytetracyline residues in **milk following** in- 073581
on phosphorus level of casein in **goat milk.** 074713
Milk, a **health** factor. 073773
Experience gained in ensuring a **high milk** p- 074458
High milk production by fully utilizing adv- 075368
protein recording, basis for **improving milk** 075367
as a primary means of **increasing milk** prod- 072978
Industrial milk production in Siberia. [Dairy 072970
of feed supply in **intensive milk** production. 074947
solids-not-fat of Holstein & **Jersey milk** in 073927
of plastics in packing milk & **liquid milk** pr- 073936
Economic Community on **milk market.** 073316
Norway Marketing Cooperative. [**Milk, meat**] 073302
Effect of bithionol on **milk & meat** quality. 073694
in pasteurization of grade "A" **milk & milk** 073949
Indiana class I base plan on **Ohio milk** she- 073426
How must labeling of **packaged milk** & milk 073653
Future of **milk packaging** & distribution in 073319
Utilization of plastics in **packing milk** & liq- 073936
Facts & fallacies about **pasteurized milk.** 073588
of some pesticides in **milk phosphatase** past- 073945
Lactation as an indicator in **planning milk** p- 074480
powder & clecithin"-enriched **milk powder,** 073965
low acid starters & **preacidified skimmilk.** 073930
Ultra-high-temperature **processed milk.** 073981
pesticides in samples of **milk produced** in Sl- 073691
concerning requirements of **milk producers** in 073650
to expansion of grade A **milk production** in 072852
Optimized model for **milk production** on sta- 072882
Milk production in grassland farming: Farm 072904
Systems of **milk production** for arable farm 072916
Industrial **milk production** in Siberia. [Dairy 072970
primary means of increasing **milk production.** 072978
Quick review of daily **milk production.** 073171
s opinions of plan. [**Milk production** stabili- 073454
Future growth of **milk production** in Northe- 073509
Hygiene & sanitation in **milk production.** 073969
to further increase of **milk production** & pro- 073979
gained in ensuring a high **milk production** in 074458
as an indicator in planning **milk production** 074480
Effect of heat stress on **milk production** of 074600
of feed supply in intensive **milk production.** 074947
of growth hormone on **milk production** & fe- 074962
rations for industry-like **milk production.** 075108
with beef cattle for **milk production.** 075245
variability of milk **production, milk** & blood 075352
aspect of industry-like **milk production.** [Ca- 075365
High **milk production** by fully utilizing adv- 075368
manure in cattle breeding & **milk production** 080722
Factors affecting **milk productivity** & effecti- 075402
labeling of packaged milk & **milk products** 073653
in packing milk & liquid **milk products.** 073936
of grade "A" milk & **milk products.** 073949
On incorporation of **milk protein** yield into 075186
On incorporation of **milk protein** yield into 075188
recording, basis for improving **milk protein** 075367
Payment for **milk** on **quality.** 073199
For production of **quality milk.** 073679
Problems related with raw-**milk quality.** 073685
For production of **quality milk.** 073978
Depression of **quarter milk** yield caused by 075643
amount of protein in cow's **milk** in **raising** & 075412
Problems related with **raw-milk** quality. 073685
Drink **milk regularly.** 073775
Research into possibility to **replace milk-fat** 074852
Research estimates of fluid **milk sales** since 073322
class I base plan on Ohio **milk sheds** & ma- 073426
variety of beta-lactoglobulin in **sheep milk.** 074834
source of energy & powdered **skim milk** & 075125
Competitive aspects of **milk & slaughter** swi- 073177
Consumers prefer a higher **solids milk.** 073625
Outstanding position of **sour milk** cheese as 073937
neutralizing activity in **milk** of **sows.** 075840
of young cattle fed with **milk substitute** "M- 074704
Value of a **milk substitute** without dried sk- 075080
More extensive use of whole **milk substitutes.** 075172
Estimation of **milk suppliers** until 1980 using 073181
of a dairy farm supervision in **milk supply** a- 075512
Distribution & blood-to-**milk transfer** of lab- 075637
Rationalization of **milk transportation**--mut- 073262
Milk ultracentrifugal opalescent layer. I. C- 073944
tract of ruminants with **varying milk** fat con- 074848
Relationship between **milk & veal** production 074452
More extensive use of **whole milk** substitutes 075172
dry Simmental cows with a **milk yield** of up 075144
dry amide beet pulp on health & **milk yield** 075169
Some hereditary patterns in **milk yield,** fat 075412
Depression of quarter **milk yield** caused by 075643

MILKING
Reducing "empty" **milking** by **automatic** int- 074457
How to **choose milking** room. 074405
genus in udders of **milking cows.** I. Laborat- 075750
Machinery]. IV. Rotary **milking equipment** 080946

Effect of **milking** on **fleece** weight, cotts, hai- 074638
aspects of **milking** in **herringbone** milking p- 074460
feed concentrates in **herringbone milking** pa- 080836
on tending of **milking installations** on pastu- 080968
Effect of different types of **milking intensity** 081000
Biological basis of **machine milking.** [Cattle] 074679
Control of **milking machines.** 080978
rate & completeness of **mechanical milking.** 074459
Automation in **milking parlor.** 080863
Pasture milking: A problem? [Dairy equipm- 080970

MILKVETCH

Toxic principle in **timber milkvetch.** [Astra- 077405

MILKWEED

in tubular scent glands of **milkweed bug** On- 080247
Milkweed--a persistent perennial that reduc- 079544
Milkweed vine & a newly observed Cercosp- 078965

MILLET

Proso **millet date** of planting & tolerance to 079616
Ration processing of **Leonard millet.** [Swine 074901
Wheat & **Leonard millet** for hogs. 074904
Response of hybrid **pearl-millet** to nitrogen, 078365
maize, sorghum & **millet production** in Afri- 073390
Response of **ragi millet** varieties to agronom- 078434

MILLING

Sugar technology: Mills & **milling.** II. Hydr- 074091
New trends of **milling.** 074178
Effect of **milling** & **alkali** treatments on acc- 076476
biochemical treatments on **milling** & **baking** 074100
Milled peat & **milled bark** as substrate for 076389
of management for a **milling enterprise.** 072902
Situation of **milling industry** with regard to 073189
plant organization in **milling industry.** 074180
of expansion of cereal & **milling industry** sh- 074197
Research work in cereal & **milling industry** 074200
feed prepared on farm using **mobile milling** 074365
soaking, & freezing on **milling, physical** pro- 074099
Grain yield, **milling quality,** & seed viability 077648
Conventional **rice milling** in United States. 074138
Solvent extractive **rice milling.** 074139
Milled rice & changes during aging. 074140

MILLS

mass on high speed agitation **bead mills.** 073906
in elevators, warehouses & **flour mills.** 079938
Sugar technology: **Mills** & **milling.** II. Hydr- 074091
control. [Wood pulp **mills, pollution**]. 081857
Screening of effluents. [Wood **pulp mills,** wa- 081855
to pollution abatement. [Wood **pulp mills**]. 081856

MILO

Cryptococcus spp. in association with **milo** 074356

MIMICRY

dependent differences & **Batesian mimicry.** 080372

MIMOSA

ribosomal patterns in **mimosa hypocotyl** cal- 078097

MINERALOGY

Mineralogic characteristics of clay fraction 081135
Mineralogical & **chemical** composition of hi- 081022
On problem of **chemical-mineralogical** comp- 081023
of physical & **mineralogical properties** to st- 081721
Mineralogy of a **representative** soil from "C- 081047
soils of Mysore State: **mineralogical study.** 081147

MINERALS

ion on **mineralization** & **accumulation** of org- 081127
economic effectiveness of **applying mineral** f- 073058
Applying mineral fertilizers to eroded bog-p- 081403
Applying mineral fertilizers to potatoes in 081404
to osmotic stress in **balanced mineral**-nutrie- 078020
of saline water on **mineral balances** in sheep 074866
changes in estimated values of **bone mineral** 074548
physiological adjustment to **mineral buffer** s- 074870
regarding metabolism of **minerals** in **cattle** in 075021
Clay minerals of paddy soils in Tohoku Dist- 081118
Clay minerals of paddy soils in Tohoku Dist- 081122
Composition & origin of **clay minerals** in Kr- 081168
manganese contents in **mineral components** 081189
of peat on mobility of **mineral compounds** of 081008
fertilization on **mineral constituents** & organ- 078041
estimated values of bone **mineral content.** 074548
Research for **determining mineral** threshold 081342
of these **minerals** & on **development** of diso- 075031
of embryo roots at **diversified mineral** nutrit- 077742
Determination of **mineral elements** in some 073914
Minerals & their **fate** in soils of Ily Taukum 081170
upon composition of **mineral feeding** mediu- 080163
Mineral fertilisation by sprinkler irrigation 081348
Mineral fertilization of potatoes & winter r- 081388
Effect of **mineral fertilization** on meadow so- 081472
Development of **mineral fertilizer** production 081301
Mineral fertilizer for potatoes as raw mater- 081402
effectiveness of applying **mineral fertilizers** 073058
in cotton as affected by **mineral fertilizers** 077720
Effect of **mineral fertilizers** on stem eelworm 079233
Effectiveness of **mineral fertilizers** of flax in 081296
Effect of **mineral fertilizers** on stem eelworm 081313
Applying **mineral fertilizers** to eroded bog-p- 081403
Applying **mineral fertilizers** to potatoes in 081404
to application of **mineral fertilizers.** 081493
application of organic & **mineral fertilizers.** 081496
of irrigated pastures with **mineral fertilizers** 081512
Effect of **mineral fertilizers** on yield capacity 081517
Irrigation, **mineral fertilizing** & planting de- 078483
determine nature of mixed-**layered minerals** 081188
Investigations on yield of **mineral matter** fr- 078574
preventing disorders of **mineral metabolism** 075021
for fodder in pure culture on **mineral mursh** 078376
Mineral mutrition characteristics of warm-s- 077790
of utilization of **mineral nitrogen** in case of 078168
Mirwart: **Nitrogen mineralization** of meado- 078372
irradiation on release of **mineral nitrogen** in 081088
Part organic versus all **mineral nitrogen** fert- 081508
Study of **mineral nutrient** value of greens. 073724
osmotic stress in balanced **mineral-nutrient** 078020
Studies on **mineral nutrition** of several tropi- 077702
Mineral nutrition characteristics of warn-se- 077791
Mineral nutrition of alfalfa. 7. 077795
Mineral nutrition of Pythium marinum, a m- 078939
beets & weeds relative to **mineral nutrition.** 079414
Diagnosis of **mineral nutrition** of Larix sibir- 079879
New **phosphorus mineral** supplements in fe- 075148
Histophysiological data on **mineral** & **puric** 080192
seasonal changes in **mineralization** of **river** 081596
New phosphorus **mineral supplements** in fe- 075148
protein-vitamin-**mineral supplements** & full- 075149
Research for determining **mineral threshold** 081342
Human requirements for **minerals** & **trace** e- 073755
Minerals & **trace** elements in serum or pla- 074601
feed concentrates, protein-**vitamin-mineral** s- 075149

MINIMIZATION

hydrochloric acid] in **minimizing amino** acid 074748

MINING

Sialis aequalis banks, in an **acid mine** stream 080173
Stabilizing **copper mine** tailing disposal be- 081548
coal--what? [Reclamation, open **pit mining**] 081570

MINKS

New buying season. [**Minks**]. 073190
production for 1971/1972 season. [**Mink**]. 074037
in regard to protein quality. [**Minks**]. 074912
quality feed produces good skins. [**Mink**]. 075128
Can mating chores be shifted? [**Mink**]. 075302
State of health among **mink,** 1972. 075466
berlin "Green Week". [**Minks, chinchillas**] 074393
Atypical enzootic anthrax in a **mink farm.** 075765
for freshness in fish & fishmeal. [**Mink, feed** 074909
acids in feed rations of **growing minks.** 075070
mixture in feed rations of **growing minks.** 075072
challenge with endotoxin on **infectious mink** 075594
research on testicle faults in **male minks.** 075224
Shipping **mink pups.** 074427
with endotoxin on growth of **saphire mink** w- 075593
Use of iodine test to **select minks** for breed- 075299

MIREX

An improved **mirex bait** formulation for con- 079635

MIRIDAE

mechanism in cocoa-capsids (**Miridae:** Hete- 080410
Four new species of **Miridae** (Heteroptera) 080584

MISCANTHUS

temperatures. [Zoysia, **Miscanthus, Sasa**]. 078398

MISTLETOE

Dwarf mistletoe on balsam fir. [Arceuthobi- 079536
simulation programs for **dwarf mistletoe**-inf- 079574

MITE

in host as an evolutionary factor in **mites.** 080456
Role of mango bud **mite Aceria** mangiferae 079758
Evaluation of citrus bud **mite, Aceria** sheldo- 079828
Role of mango **bud mite** Aceria mangiferae 079758
Evaluation of citrus **bud mite,** Aceria sheldo- 079828
studies on teh biology of **certain mite** species 079865
principles of tetranychid **mite control** in U. 079674
Problems of spider **mite control.** [Tetranych- 079675
a new way of fighting fleas & **ear mites** in f- 080014
Europe; proceedings of vllth **European Mite** 079672
as well as other insects & **mites found** in im- 079881
Insect, mite, & rodent control in New Ham- 079270
New & little **known mite** species from Fran- 080610
Laelapine mites of Echinolaelaps complex f- 080570
Mite in **mango** orchards. 079759
cuticles. I. Cuticular pores in a **marine mite.** 080227
European red **mite, Panonychus** ulmi (Koch) 079829
European red **mite, Panonychus** ulmi (Koch) 079830
of european red spider **mite Panonychus** ulmi 079862
on fruit orchard red spider **mite Panonychus** 079873
of Trisetacus gemmavitians, a new **mite pest** 079904
Control of insect & **mite pests** of commercial 079859
of pesticides against stored **product mites.** [079935
Population dynamics of stored-**product mites** 079937
of medicinal herbs on stored **products mites** 079942
miticide in relation to citrus **red mite** resist- 079632
European **red mite,** Panonychus ulmi (Koch) 079829
European **red mite,** Panonychus ulmi (Koch) 079830
in relation to citrus red **mite resistance.** [P- 079632
on teh biology of certain **mite species** of fam- 079865
New & little known **mite species** from Fran- 080610
Problems of **spider mite** control. [Tetranych- 079675
nutritional substance on **spider mites.** [Pan- 079677
Insecticidal control of a **spider mite** in grain 079747
for control of insects & **spider mites.** 079815
diapausing behaviour of red **spider mite** (Tet- 079843
on populations of european red **spider mite** 079862
Occurrence of false **spider mite** (Brevipalpus 079868
Anthocoridae) in red **spider mite** (Panonych- 079871
acaracides on fruit orchard red **spider mite** 079873
Control method of red **spider mite** Tetranyc- 079874
in study on plant resistance to **spider mites** 079875
Carotenoid pigments of **spider mite** Tetrany- 080454
of powdery mildew & two-**spotted mite.** [Te- 078945
of vllth European **Mite Symposium** Warsaw, 079672
Tarsonemid mites on apple trees in Poland. 079865
Tarsonemid mites on apple trees in Poland. 079866
ecological principles of **tetranychid mite** con- 079674
pigments of spider **mite Tetranychus** cinnab- 080454
method of red spider **mite Tetranychus** urti- 079874
New & little known species of **tydeid mites** 080583

MITICIDE

Plictran miticide in relation to citrus red mi- 079632

MITIS

coccidiosis (Eimeria tenella, **Eimeria mitis**) 075599

MITOCHONDRIA

On similarity of **mitochondria, chloroplasts** 076969
interaction in **mitochondria** from **cold**-stored 079367
in bovine adrenal **cortex mitochondria.** 074556
in beef adrenal **cortex mitochondria.** 074624
Sturcture of **mitochondria** in **etiolated** pea s- 076960
rancidity in isolated **mitochondrial fraction** 073652
spadix & bean **hypocotyl mitochondria.** 078052
on development of **mitochondria** in **pea** coty- 078121
chloroplasts & **mitochondria** of **Phaseolus** vu- 078130
observations on **mitochondria** of **ram** spermi- 074501
Dissociation of **mitochondrial ribosomes** of 077353
oxidase activity & **mitochondrial structures** 077768
membrane proteins in **tobacco mitochondria** 079212

MITOSIS

Effects of anit-**mitotic agents** on polarbody 075273
Duration of **mitotic cell** cycle in root tip cel- 076943
prior to **mitosis** in **cultured** pea root cortex 077989
rearrangements in G2-stage of **mitotic cycle** 077203
of thio-tep in three successive **mitotic cycles** 077212
Detection of **mitotic instability** in sugarcane 077236
var. Chinese Spring at **mitosis** & **meiosis.** [076934
chromatide divergence in **mitosis** of **Vicia** fab 077024

MITRAGYNA

Mitragyna species of Asia. XXIII. alkaloids 077551

MIXING

selective & herbicidal possibilities of **mixes.** 079413
Present problems of **mixed bread** manufactu- 074128
Optimizing **calf mix** on range lands with lin- 072884
malathion thermal fogging in a **mixed conifer** 079971
Picea sitchensis in **mixed culture** on sandy s- 076360
Development of **mixed feed** industry. [Costs 073021
New **mixed feed** works on Nord-Ostsee-Kan- 074350
Mixed feed prepared on farm using mobile 074365
for full-ration mixed feeds, **mixed feed** conc- 075149
Mixing feeds?; here's how to calculate nutri- 074327
for organizing production of **mixed feeds** on 074370
poultry manure for use in **mixed feeds.** 074372
Developing recipes for full-ration **mixed fee-s,** 075149
under utilization of **mixed flours.** 074128
fat on activity of vitamins in **mixed fodder.** 074858
value of orchard grass hay & **mixed grass** h- 074990
Grass mixes for irrigated pastures in northe- 078583
A pasture of **mixed grasses** must adapt to n- 078446
Mixed infectious diseases caused by Mycopl- 075736
using mobile milling & **mixing installations.** 074365
by means of separable & **mixed-integer** prog- 072987
to determine nature of **mixed-layered** miner- 081188
to nutrition conditions in a **mixed planting.** 077635
Pure & **mixed seeding** as a problem in grass 078575
Media costs. [**Soil mixes**]. 073043
genotypes in pure & in **mixed stands.** 077061
of three years of trials with **mixed varieties.** 078431

MIXTURES

of soybean protein & an amino **acid mixture** 074165
Determination of **antibiotic mixtures** in ultra 073839
Cottonseed meal & **biuret mixtures** as winter 074931
With regard to **Bordeaux mixture.** [Fungici- 079012
acetamid as well as **mixtures** of **compounds** 074546
Basic principles of **devising mixtures** for pe- 078579
processing properties of fat & **fat mixtures.** 073904
hydrolized flour in milk **feed mixtures.** [Cal- 074855
of utilizing sunflower seed in **feed mixtures** 075094
Value of animal fat in **feed mixtures** for bac- 075103
on cultivation of lucerne-**grass mixtures.** 078576
Effect of **herbicide mixtures** on weediness of 079494

yield patterns of grass/**legume mixtures** & t- 078342
roots greater in grass-**legume mixtures.** 079275
Fumigation trials with a **mixture** of **methyl** 079934
Dry **protein mixture** in feed rations of grow- 075072

MOBILITY
Bentazon mobility & adsorption in twelve Il- 079609
Determinging mobile manganese in soils wi- 081126
Technique of **mobile feed** vessels. [Swine]. 080969
feed prepared on farm using **mobile milling** 074365
Effect of peat on **mobility** of **mineral** compo- 081008
SSR. 3. Dynamics of **mobile nitrogen,** phos- 081030
of determining amount of **mobile phosphates** 081153
relative to amount of **mobile phosphates** in 081411
relative to amount of **mobile phosphorus** in 081305
Mobile potassium in rocky soils & parent r- 081263
limits of utilization of **mobile sawmills** in fo- 076464

MOBILIZATION
Sucrose **mobilizing effect** of auxins in Hevea 077489
Mobilization of **soil** nitrogen as influenced 081199

MODALITIES
New **modality** of **application** of tax law. III. 072991

MODEL
A **model** for **amorphous** matters of upland h- 081164
triamcinolone acetonide: an **animal model.** 075626
A **model** of **cash** & futures price relationships 073342
of phenolic lignin **model compounds** with ox- 076538
Model determination of tasks of food indust- 073831
Some **models** for **economic** evaluation of env- 081842
Model enterprises for potato production--ex- 072805
alimentation a new **experimental model:** sep- 073750
Model experiments to condensation of ligni- 076474
A **few models** of herbaceous cropping syste- 078388
degradation of phenolic **lignin model** compo- 076538
A **mathematical model** to prepare copper-en- 081467
A review of some **mathematical models** used 081663
Optimized model for milk production on sta- 072882
of experiment with a **population model** of s- 077061
Programing model for evaluation economic 081744
Proposed model for peroxidase-catalyzed ox- 078126
A **resistance model** to predict evapotranspir- 077640
A **simple model** of strontium & manganese 078214
Simulation model to study utilization of was- 080744
A simple soil water **simulation model** for as- 081660
of crop rotation. V. **Models** of **sowing** meth- 078548
Model studies on changes in soil density of 081273
of turkey meat myoglobin. 1. **Model system** 074067
Model systems for biological oxidation of m- 077553
transformations: a **theoretical model.** [Soil b- 081108
studies on actomyosin-**thread models** of mus- 076883
Heat **transfer models** for a subsurface, water 080741
dark grown seedlings. III. **Transport model** 077272
on meadow soil respiration; **model trials.** 081472
of wood industries in "**Model Valley**". 076542
Proposed **viscous model** for design of draina- 081626

MODULI
Dynamic modulus of elasticity & pulse cons- 076488

MOISTURE
Determination of **moisture content** & equili- 074290
method of following **moisture content** & te- 081227
Soil **moisture dynamics** & its variations und- 081181
Quantitative analysis of **energy, moisture** & 080766
Problems dealing with **moisture excess** due 081234
of Soil Research in field of **excess moisture** 081238
Moisture & **fat** analysis of meat & meat pro- 073988
nondestructive method of **following moisture** 081227
Frequency-moisture ratio in electrical para- 081265
Storage of high **moisture grain** sorghum (So- 074083
Influence of nitrogen & **moisture** on **growth** 077732
Storage of **high moisture** grain sorghum (So- 074083
Effect of **plant moisture** stress on carbohydr- 077775
Effect of **moisture, pressure,** & temperature 074338
Frequency-**moisture ratio** in electrical para- 081265
Effect of temperature & **moisture regime** on 074809
to soil characteristics & **moisture regime.** 081093
Analysis of **moisture reserves** in soil profile 081211
Effect of **soil moisture** on amount of different 077676
light intensity, temperature & **soil moisture** 077740
Influence of **soil moisture** tension & amend- 078022
soybean varieties grown at two **soil moisture** 078259
maturity, soil temperature, & **soil moisture** 079084
Determination of **soil moisture** by neutron s- 081001
Influence of **soil moisture** tension & amend- 081063
Soil moisture under forest, Bukit Timah Na- 081071
Soil moisture dynamics & its variations und- 081181
Course of **soil moisture** under potatoes on e- 081196
Effect of plant **moisture stress** on carbohydr- 077775
Effect of **moisture** & **temperature** of soil on 078065
Influence of soil **moisture tension** & amend- 078022
Moisture variation at soil surface & advance 081270

MOLASSES
Sugar manufacture without **molasses.** 074089
Honey & **molasses solids,** new functional sw- 073857
quality for sugar beet & **sugarcane molasses** 073265
reducing substances in **sugarcane molasses.** 074090

MOLD
Intraspecific transfer of **blue mold** resistance 077035
Ammonia vs. **molds** in **corn.** [Aspergillus fla- 078893
Toxicity of **mold-damaged** sweetpotatoes. 073658
cells of cullular slime **mould Dictyostelium** 077357
in heterothallic slime **mould Didymium** iridis 077456
in heterothallic slime **mould Didymium** iridis 077457
Studies on snow **mold etiology** & resistance 078984
in food industry. II. Bacteria & **mold fungi.** 073595
for control of blue & **green moulds** in orang- 079018
fungicides for control of tomato **leaf mould.** 078980
against **Penicillium moulds** (Penicillium digi- 078972
its application to slime **mold plasmodia.** [M- 077278
transfer of blue **mold resistance** to Japanese 077035
pseudoplasmodia of cellular **slime molds.** 076911
Contractile properties of **slime mold** strand. 077277
hypothesis & its application to **slime mold** p- 077278
cell aggregation in cellular **slime molds.** [Ac- 077279
of RNA to pulse-labeled DNA in **slime mold** 077351
of cells of cullular **slime mould** Dictyostelic- 077357
cell fusions in heterothallic **slime mould** Di- 077456
somatic fusion in heterothallic **slime mould** 077457
Slime molds in Bermuda grass. [Paspalum 078894
Studies on **snow mold** etiology & resistance 078984
Contractile properties of slime **mold strand.** 077277
Role of epidermal cells in **moulding surface** 080302

MOLDBOARD
Moldboard or **disc** plow? 080972

MOLECULES
of labelled organic **molecules following** instil- 078109
Toxic action & **molecular lesion.** [Veterinary 076143
Molecular properties of phytochrome. [Chr- 077616
Molecular weight of pig liver microsomal ca- 074542
from sok gland. I. **Molecular weight** determ- 080664

MOLES
of insecticides for **controlling mole** crickets 079798

MOLLUSKS
altenuisol, from fungus, **Alternaria tenuis** A- 077599
to browning. [**Alternaria tenuis**]. 078978
to desease severity. [**Alternaria tenuis**]. 079089
Distribution of **earthworms, molluscs** & cent- 080168
beijerinckii, **Helminthosporium teres** & He- 076998
by cellular constituents of **Zebrina leaf** epid- 077669
Ostrinia nubilalis, **Sesamia cretica**]. 079756

MOLT
on molting time & post-**molt behavior** of en- 080347
Forced moulting reviewed. [Laying hens]. 075300
of Apolysis" in **moulting** of **insects.** 080405

MOLYBDENUM
Trace elements in food. X. **Molybdenum.** 073867
Role of **molybdenum** in **assimilation** of nitro- 078150
Effect of **molybdenum** & **cobalt** on nitrogen 077722
Role of **molybdenum** in **formation** of NAD- 077349
Role of **molybdenum** in **increasing** resistance 079327
fertilization with **molybdenum** of **pea** (Pisum 078168
Lime & **molybdenum** in **soybean** production 081506

MONARDA
On essential oil of **Monarda fistulosa** & inc- 077550

MONEY
What it costs in time & **money** to **cut** hay. 073060

MONILIACEAE
caused by **Trichophyton simii** in poultry. 075853
Mating reactions in **Trichophyton terrestre** 077161

MONILINIA
other stone fruits. [**Monilinia fructicola**]. 078971

MONITORING
Monitoring of **critically** ill animal. 075542

MONOCOTYLEDONS
sugary leaves in **monocotyledonous plants.** 077378
Experiments on **monocotyledonous weed** co- 079540

MONOCULTURES
nutrient movement in a **monoculture corn** s- 081395

MONOGERM
after sowing by type A 697 **monogerm seed** 078312

MONOMER
graft polymerization of **vinyl monomers** onto 073985

MONOMORIUM
to Pharaoh's ants (**Monomorium pharaonis** 079989

MONOMYCIN
of neomycin & **monomycin** to **cattle** in a two 075575

MONONUCLEOTIDES
Cyclic mononucleotide-gibberellin interactio- 077485

MONOPHOSPHATES
Cyclic AMP [**Adenosine monophosphate**] & 077279
cyclic AMP [**adenosine monophosphate**] on 077442
cyclic 3':5'-amp [**adenosine monophosphate**] 078138
cyclic **monophosphate concentrations** & pho- 077357

MONOSODIUM
of MSMA [**monosodium methanearsonate.** 079595

MONOSOME
of dwarfing & awning by **monosomic analysis** 077256
Application of **monosomic** & **nullisomic** lines 077151

MONOTERPENES
oxidation of **monoterpene hydrocarbons.** [T- 077553

MONOVALENT
SEE VALENCE

MONOXIDE
Photosynthetic **carbon monoxide** metabolixm 077876
responses of chicks to **carbone monoxide.** 074656

MONURON
On effect of **monuron** & **linuron** on certain 079410

MOOR
Vegetation & ecology of **Scharze Moor** (Rh- 076828

MORACEAE
leaves of auto-tetraploid forms of **Morus.** 077298
Exochorda tianschanica, **Morus alba,** Abies 078220
in diploid, triploid & **tetraploid Morus** trees 077019
Wild Morus in central Asia. 076765

MORDANT
growth in Cecil soil **containing mordant** viol- 077673

MORPHINE
with meperidine or **morphine** in **cats.** 075454
of inheritance of **morphine content** & of oil 077168

MORPHOGENETIC
cladophyll" **morphogenesis** of **Asparagus** de- 076989
flowering & **morphogenetic effect.** 077891
Morphogenetic effects of two juvenile horm- 079636
characterization of **morphogenetic mutants.** 077140
Morphogenesis of **Phlox** sibirica. 076954

MORPHOLOGY
maculata (L.) Soo s. lat. [**Morphology**]. 076908
Morphological-anatomical characteristics of 076888
Morphological & **anatomical** dagnostic featu- 076967
Morphological & **anatomical** diagnostic feat- 076968
Morphological & **anatomical** anomalies found 080439
betulus L.). I. **Morphological aspects** of wo- 076436
dog. II. Study of **morphology** of **cardiac** elec- 075510
On **morphologic changes** in bursa of Fabrici- 075884
Morphological characteristic features & con- 076977
part **morphological characteristics** of some g- 076890
influenced by **morphological characteristics.** 077653
L. Genus. I. **Morphological characters** & fer- 077076
some **morphological characters** in soybeans 078466
nov. Sp. **Morphology** & **comparative** culture 076614
n. sp. I. **Comparative morphology** & system- 080391
Taxonomical & **morphological correlations** 080601
Morphological diversity in phaseolus sublob- 076919
Ecological morphology of certain medicinal 076976
Physiological & **morphological features** of so- 077820
micromorphological features of Chernozem 081251
Morphology & **genesis** of "pipe structure" in 081099
administration on **morphology** of **genital** org- 075441
Norway, i. Profile **morphology, geographic** d- 081156
Development & **morphology** of **growth** plates 074782
Morphology & **histology** of antenna of male 080216
between **morphology** & **infectivity** of Theiler- 075795
response & **morphology** of **interspecific** sow- 077003
Subterranean **part morphological** characteri- 076890
Study of soil **profile morphology** of a catena 081137
in Romerike, Norway, i. **Profile morphology** 081156
Morphological research for circumscription 076951
On **morphology** of **sessile** & pedunculate oak 076992
On **morphology** & **sex** appendages of whirlig- 080160
Ontogeny & **morphological significance** of e- 076885
reagents on **morphology** of **spermatozoa** in 075298
Morphological structure of muscle longissi- 074777
Morphological studies in experiments with 076985
Contribution to **morphology** & **systematics** of 080622
studies to **morphological, taxonomical** & phy- 076807
Morphological variability in embryogenesis 074740
Morphological variation of Dicranidion fragi- 076914
a factor of **morphological variation** of conidia 076998

MORTALITY
chickens. 1. Effect on growth & **mortality.** 076133
decreasing photoperiods & **mortality.** 080154
Mortality, antibody development, & viral pe- 075620
Mortality of **caged** organophosphorus-resist- 079962
seminal vesicle fluid on **embryonic mortality** 075246
Embryonic mortality in post-parturient dom- 075279
Microbial **mortality factors** in Aedes sierren- 079975

Ovulation, fertility & **prenatal mortality** in 075275
Method for seedling **mortality reduction** on 078462

MORTEM
SEE DEATH

MORTGAGE
Farm **mortgage bank.** 073075

MORTIERELLA
with special reference to **Mortierella wolfii.** 075834

MORUS
SEE MORACEAE

MOSAIC
Agrarian policy in **mosaic.** 073536
strains of cowpea aphid-**borne mosaic** virus. 079151
changes in **bromegrass mosaic** virus. [Barley 079205
sites for replication of **cauliflower mosaic** vi- 079203
Solanum nigrum in spreading **chilli mosaic** v- 079186
relation to transmission of **cucumber mosaic** 079171
mesophyll protoplasts by **cucumber mosaic** v- 079200
relation to transmission of **cucumber mosaic** 079713
A report on survey of sterility **mosaic disea-e** 079185
Cajanus cajan L.) to sterility **mosaic disease** 079728
Occurrence of complete & **mosaic mutants** in 077101
A report on survey of **sterility mosaic** disea- 079185
pea (Cajanus cajan L.) to **sterility mosaic** di- 079728
Barley **stripe mosaic** virus & frequency of tr- 079168
infected with TMV. [**tobacco mosaic** virus]. 079158
XII. Synthesis of **tobacco mosaic** virus prote- 079160
Translocation of **tobacco mosaic** virus from 079164
of poly-1-ornithine treated **tobacco mosaic** v- 079207
Replication of **tobacco mosaic** virus. IV. Fur- 079208
of poly-1-ornithine treated **tobacco mosaic** v- 079750
multiple monosomy-**trisomy mosaicism** in ch- 074736
strains of cowpea aphid-borne **mosaic virus.** 079151
infected with TMV. [tobacco **mosaic virus**]. 079158
Translocation of tobacco **mosaic virus** from 079164
Barley stripe **mosaic virus** & frequency of tr- 079168
to transmission of cucumber **mosaic virus** of 079171
nigrum in spreading chilli **mosaic virus,** a st- 079186
protoplasts by cucumber **mosaic virus.** 079200
for replication of cauliflower **mosaic virus.** [079203
changes in bromegrass **mosaic virus.** [Barley 079205
poly-1-ornithine treated tobacco **mosaic virus.** 079207
Replication of tobacco **mosaic virus.** IV. Fur- 079208
of TYMV [Turnip yellow **mosaic virus,** Chin- 079209
nigrum in spreading chilli **mosaic virus,** a st- 079513
to transmission of cucumber **mosaic virus** of 079713
poly-1-ornithine treated tobacco **mosaic virus.** 079750
XII. Synthesis of tobacco **mosaic virus** prote- 079160
of 5'-terminal of turnip yellow **mosaic virus** 079202
replication of TYMV [Turnip **yellow mosaic** 079209

MOSQUITOES
for chemical control of **mosquitoes.** 080012
Blood-feeding requirements of **mosquito:** geo- 080026
entanglements in a **mosquito abatement** dist- 073541
program in Delta **Mosquito Abatement** Dist- 079954
in Orange County **Mosquito Abatement** Dis- 079965
Vertical drainage for **mosquito abatement** in 079973
Water quality control & **mosquito abatement** 079979
entanglements in a **mosquito abatement** dist- 080040
Mosquito adulticides & larvicides: efficacy u- 079960
Mosquito adulticiding with synergized pyre- 079970
on ecology of treehole **mosquito Aedes** sierr- 079974
linkage alterations in **mosquito Aedes** aegyp- 079985
Changes in sex ratio of **mosquitoes Aedes** ca- 080384
behavior of California **anopheline mosquitoes.** 079984
cause & their control. [**Mosquito biological** 079433
Studies on incidence of tea-**mosquito bug** (079833
susceptibility of **mosquitoes** in **California:** ill- 079961
a new blueprint for **California mosquito** con- 079963
parous rates of some **California mosquito** sp- 079977
susceptibility of **mosquitoes** in **California:** ef- 080042
in systematics of **mosquitoes** in **California.** 080504
of Toxoplasma gondii in **mosquito cell** lines 080246
of other interests on **mosquito control** in Ca- 079956
field test of rice field **mosquito control.** 079957
blueprint for California **mosquito control.** 079963
forest at Lake Tahoe. [**Mosquito control**]. 079971
Solid ultra low volume. [**Mosquito control**] 079972
Mosquito control crisis in Central Valley: 079978
scale field test of rice field **mosquito control** 079982
Mosquito control research of USDA Weste- 080030
Aerial photography in **mosquito control.** 080031
Pasture **mosquito control** without spray. [A- 080032
Recent developments of **mosquito control** re- 080034
Mosquito control problems of Laramie, Wy- 080035
in Utah & effects on **mosquito control.** 080038
Mosquito control for rural areas. 080041
of Flit MLO in Orange **County Mosquito** A- 079965
Protein spectra of **mosquitoes Culex** pipiens 080203
Determination of **mosquito females** by micr- 080586
a large-sclae field test of rice **field mosquito** 079957
a large-scale field test of rice **field mosquito** 079982
anal papillae of a salt-water **mosquito larva,** 080316
petroleum oils for control of **mosquito larvae** 079966
petroleum oils as **mosquito larvicides** in irri- 079967
of a new approach to **mosquito larviciding.** 080037
biological control of **mosquitoes** & **midges** at 079953
a practical appraisal. [**Mosquito natural** con- 079964
Pasture mosquito control without spray. [A- 080032
water management for **mosquito prevention** 079955
rates of some California **mosquito species.** 079977
of aquatic stages of ten **mosquito species** (D- 080039
Studies on incidence of **tea-mosquito** bug (079833
Studies on ecology of **treehole mosquito** Ae- 079974
activity during 1972. [**Mosquitoes, vectors**] 080036
of anal papillae of a salt-**water mosquito** lar- 080316

MOSQUITOFISH
susceptible populations of **mosquitofish** (Ga- 079645

MOSS
young protonema growth of some **mosses.** 077488
Chromosome studies on **mosses** from **Austria** 077142

MOTHERS
Selection indices of **bull mothers** & bulls in 075189
Location of roots of **mother bushes** of black 076983
It's not nice to fool with **Mother Nature.** [081569

MOTHS
a nuclear polyhedrosis virus of **almond moth** 080334
pheromone release in flour **moth Anagasta** 080412
Oriental fruit **moth attractant** synergists. [079807
for development of diamond-**back moth,** Plu- 080358
homosexual behaviour of larch **bud moth.** 080249
polyhedrosis virus of almond **moth, Cadra** c- 080334
of chemical control against **codling moth** (L- 079797
suppression of populations of **codling moths** 079804
on microbiological control of **codling moth** 079861
of gamma irradiated male **codling moths,** La- 080215
oviposition stimulant for **codling moth,** Lasp- 080322
of structure of a proposed **codling moth** sex 080436
pheromone release in **flour moth** Anagasta 080412
Oriental **fruit moth** attractant synergists. [079807
irradiation effect on male **gypsy moth** (Lym- 079919
control of codling **moth Laspeyresia** pomone- 079861
irradiated male codling **moths, Laspeyresia** 080215
stimulant for codling **moth, Laspeyresia** po- 080322
of diamond-back **moth, Plutella** xylostella L. 080358
Moths with **pollinia** from butterfly orchid. 080196
insecticides, & sterile **moth releases** for sup- 079804
Leaf **roller-moth:** Elements of forest policy 076250
trapping of three harmful leaf **roller moths** 079796
Leaf **roller-moth:** Elements of forest policy 079896
of structure of a proposed codling **moth sex** 080436
isolation of tow tortricid **moth species** by dif- 080421
of sanitation, insecticides, & **sterile moth** re- 079804
poisons) in polka-dot **moth Syntomeida** epil- 079845
Moths taken in Berrien County, Michigan 080562
Reproductive isolation of tow **tortricid moth** 080421
Douglas-fir **tussock moth.** [Pseudotsuga me- 079914

MOTILITY
Role of **motility** & **aerotaxis** in selective inc- 079129
contractile mechanism of **primitive motile** s- 076883
Rompun on circulation & **rumenal motility** 074552
Objective measurement of **sperm motility.** [075326
International Symposium: **Motile Systems** of 076884
mechanism of primitive **motile systems.** [Ph- 077284
International Symposium: **Motile Systems** of 077289
adrenal corticosteroids on **motility** of **uterus** 075337

MOTIVATION
Resettlement, its **motivation** & **realization** in 072746
Motivation of **successful** farmers. 072628

MOTORS
problems concerning use of **motor chain** saws 076516
Ultrastructure of **motor end**-plates in slow 074616
dn operation method of **linear motors.** 080825
spontaneous discharges of **motor neurons** in 080325
Misuse of **motor saw.** [Logging]. 076514
driven supercharger for **tractor motors.** 080824
centralized service costs for **motor vehicles.** 073012

MOTTLE
into occurrence of **carnation mottle** virus & 079172
study of cowpea **chlorotic mottle** virus & its 079178
Cowpea **mild mottle,** a newly recognized vir- 079150

MOUGEOTIA
arrangement. [**Mougeotia, Funaria** hygromet- 077282

MOUNTAINS
Calves of **mountains.** [Pastures, feeding]. 075107
production planning in **mountain area.** 078350
northern forest zone of **Bazymi mountains.** 077375
tinin in Rocky **Mountain bighorn** sheep. 074581
Butter mountain will stay; remarks on new 073192
Pocket gophers & **Colorado mountain** range- 079262
with fleas in forest zone of **mountain Crimea** 080019
of optimum road network in **mountain forest** 076323
Coleoptera) of Babia **Gora Mountain** (Polish 080468
notices from Babia **Gora mountains** (Homop- 080553
Spiders of **Hidaka mountain** range, Kokkaido 080579
Some Chilopods of **Hidaka mountain** range 080580
other microarthropods in **high mountain** reg- 080230
Tardigrada of **high mountains** of Hindu Kush 080471
New **mountain inhabiting** species in insect f- 080617
Mountain meadow improvement through se- 078394
alpinus L. in Orlicky **mountains original?** 076757
aspects in proposals for **Mountain Park** of 076266
touristic opening up of **mountain pasture** zo- 072749
among single-age larvae of **mountain pine** b- 079890
meadows & pastures in **mountain production** 078284
western part of Terskey **mountain range).** 080230
Spiders of Hidaka **mountain range,** Kokkaido 080579
Some Chilopods of Hidaka **mountain range** 080580
gophers & Colorado **mountain rangeland.** 079262
of cerals grown in **mountain regions.** 078422
microarthropods in high **mountain regions** of 080230
Radziejowa in Beskid **Sadecki mountains.** 076207
Lepidoptera in **Scandinavian mountains.** II. 080491
on Central Otago hill & **mountain soils.** 081327
Limnephilidae) in a **mountain stream.** 080411
Butterflies of High **Tatra mountains.** 080512
Ala-Tau (western part of **Terskey mountain** 080230
in **mountains** of north-west **Wales.** I. status 074412
in **mountains** of north-west **Wales:** introduct- 074654

MOUNTING
Euparal as a **mounting medium** for preservi- 076994
in speeds of tractor-**mounted plowing** & tilli- 080987

MOUTH
Activity of foot-**and-mouth** disease virus R- 075638
Clinical foot-**and-mouth** disease in African b- 075787
of structural polypeptides of foot-**and-mouth** 075957
relationships in foot-& **mouth disease** virus. 075596
peripheral nervous system in **mouth parts** of 080284

MOVEMENT
Feasibility of unit trains for **moving apples** 073326
Patterns of **body movements** of Euglena gra- 077285
Calculating movement of liquid in an unsatu- 081713
on mechanism of **chloroplast movement** in l- 077282
cultivation relating to **movement** of **cutters** 078353
On **efficient movement** of equipment with i- 076375
Environmental movement & rural developm- 073553
Environmental movement & implications for 073555
effects of environment on **hatch, movement** 079310
Movement of **herbicides** through soil to soy- 077647
processes controlling light **induced movement** 077283
in farm organization when **industry moves** i- 072755
Fertilisers & their **rail movement** in India. 081351
Effect of **moving time** to next paddock on b- 074991
Rural development--a **movement whose** time 073396

MOWER
Combination mowing/spraying equipment. 080872
quality of cutting in **mowing** in **free** cuts. [080913
weed control, hay mulch, **frequent mowing** 078681
of peach trees to herbicides, **mulch, mowing,** 078867

MUCOPOLYSACCHARIDE
Studies on **avian mucopolysaccharide**-peptide 074579

MUCOSA
Transfer of copper-64 from serosa to **mucosa** 074843
cell type within bovine **cervical mucosa.** 074649

MUCUS
Physiological effects of **mucus** from **wood** w- 078202

MUHLENBERGIA
of nimblewill (**Muhlenbergia schreberi**) in l- 079587

MULCH
Effect of preplanting **cultivations, mulching** 078265
chemical weed control, hay **mulch, frequent** 078681
of peach trees to **herbicides, mulch,** mowing, 078867
in coffee plant & **mulching materials.** 077394
Mulch planting. [Silviculture]. 076398
Rock mulch is rediscovered. 081563

MULL
effect of auxins in Hevea **brasiliensis Mull.** 077489
along trunk of Hevea **brasiliensis Mull.** Arg. 077487

MULTIPLE
Multiple antimicrobial resistance in Escheri- 075629
resistance to wearing & **multiple bending** of 074133
of waste heat using a **combination multiple** 080744
characsteritics by a **multiple correlation** & r- 074001
Simple & **multiple correlations** of relationsh- 075331
Tractor custom hire services in **multiple crop** 072798
labor & time in **multiple cropping.** 072794
Multiple cropping & small farmers. 072797
Green Revolution through **multiple cropping** 073400
Cropping patterns in **multiple cropping** syst- 078272
Rotational canal closure & **multiple cropping** 078363
Cropping patterns in **multiple cropping** syst- 078634
Nippon plows for **multiple cropping** in Asia 080805
phoshporus as affected by **multiple cropping** 081096
water use efficiency in **multiple cropping.** [I- 081605
Rotational canal closure & **multiple cropping** 081649
Fate of **multiple doses** of infective larvae of 075713
On **multiple forms** of acid phosphatase in pig 074621
Grow your own steak? [**Land multiple** use] 072771
A **multiple-use machine** for planting maize f- 080957

programming for **multiple**-use **management.** 072774
Deletion, monosomy, & **multiple monosomy-** 074736
Resolving enigma of **multiple mutant** sectors 077082
fertilizers according to **multiple regression** 081514
heat using a combination **multiple reservoir** 080744
Value of **multiple water** use in Newlands Re- 081753

MUNGBEAN
Control of alternate pathway. [**Mung beans**] 077767
mannosyl-lipid intermediate. [**Mung beans**] 078157
1972 **Mungbean tests.** 078489

MUNGO
in volcanic soils in neighborhood of **Mungo** 079280
of five varieties of **mungo, Phaseolus** aureus 079765

MURIDAE
rate of mass species of **Muridae** with **fleas** in 080019

MUSACEAE
metabolism in **Musa paradisiaca.** [Bananas] 078118
Nematodes of banana & plantain (**Musa sp.**) 079357

MUSCA
XII. Phosphorus amides. [**Musca domestica,** 079646
resistant house flies. [**Musca domestica**]. 079925
of dipteran retinula cells. [**Musca domestica** 080310
reared housefly larvae. [**Musca domestica**]. 080342
Visual orientation of fly **Musca domestica** t- 080371

MUSCI
dimethylurea (DCMU) & of [**Musci**] manga- 077488

MUSCLE
Intramuscular administration of neomycin & 075575
of consistency of **boiled muscle** tissue based 074001
some chemical properties of **bovine muscle** 074646
Bovine muscular cysticercosis: Methods of 075580
of elastic tissue & smooth **muscle cells** in s- 074618
end-plates in slow & fast **chicken muscles** d- 074616
glycogen body, liver & **muscles** of **chicken.** 075071
of free aminoacids in **muscles** of **cockchafer,** 080204
ions & resting potential of **cockroach muscle** 080222
Necrosis of **muscle complexus** in embryos & 076040
Bovine **muscular cysticercosis:** Methods of 075580
results of controlling white **muscle disease** in 075857
with hereditary **muscular dystrophy.** 076021
Skeleton & **musculature** of **female** genital & 080297
Muscle fiber development in cattle during g- 074587
of ultrastructure in slow **muscle fibers** of chi- 074617
Fatty acid oxidation by **flight muscles** of dr- 080314
chickens with **hereditary muscular** dystrophy 076021
Effect of **intramuscular injections** of iron-de- 075699
in biological properties of **injured muscles** in 074837
to rib-eye area (**musculus longissimus** dorsi) 074441
structure of **muscle longissimus** dorsi & mus- 074777
thread models of **muscles & myxomycete** pl- 076883
of insect head. IV. **Muscles & nerves** of sy- 080401
Total proteins in **pectoral muscles** of domest- 074770
Adenyl cyclase in **pectoral muscle** of normal 076021
of carboxyl groups of **muscle proteins** & beh- 074032
of muscle longissimus dorsi & **muscle psoas** 074777
mitochondrial fraction from **skeletal muscle** 073652
mortem changes in **skeletal musculature.** 073993
changes in porcine **skeletal muscle.** 074029
contracted fibres in rigor **skeletal muscles** f- 074590
amounts of elastic tissue & **smooth muscle** c- 074618
fraction from skeletal **muscle tissue.** [Chick- 073652
of consistency of boiled **muscle tissue** based 074001
On distribution of fat in **muscle tissue** of sw- 074794
triphosphate metabolism in **muscle tissue** of 075716
of cesium & its retention in **muscle tissues** of 074702
Visceral muscles & myogenic activity in hin- 080311
Some results of controlling **white muscle** dis- 075857

MUSEUMS
Diptera) in Natural **History Museum** NM in 080219
by Hungarian Natural **History Museum** in 080596
by by Hungarian Natural **History Museum** 080611
Strepsiptera from **Senckenberg Museum.** II. 080636

MUSHROOMS
A restricted habitat for **mushrooms** (Agaric- 076630
Analysis of progress in **mushroom culture** y- 078654
Edible mushrooms in Iowa. [Identification] 078733
Mushroom house ventilation in theory & pr- 080757
conditioning systems in **mushroom houses.** 080768
analysis of toxins in **single mushrooms** of A- 077438
sterile agar & cultivation of **straw mushroo-s,** 078870
Domestication of **wild mushrooms.** 078653

MUSKRAT
Destruction trials of **muskrat, Ondatra** zibe- 079241

MUSTARD
seed culture of **mustard varieties.** 078886
interference between barley **white mustard** 077762

MUTAGENESIS
winter wheat induced by **chemical mutagens** 077241
Mutagenic effect of different types of radiat- 075354
Mutagenic effect of thio-tep in three success- 077212
Modification of **mutagenic effect** of ethylen- 077219
Modification of **mutagenic effect** of ethylen- 077225
Experimental mutagenesis of apple-tree. I. 077085
combining effect of **mutagens** of **frequency** & 077020
of a **mutagenic** action of **heterologous** DNA 077221
Induced mutagenesis in strains of Chlorella 077089
Effect of **physicochemical mutagens** on micr- 076889
fractions on **mutagenesis** in **Schizophyllum** 077448
A survey on **mutagenicity** of **various** pesticid- 080069

MUTANTS
A **mutant** of **Aspergillus** nidulans lacking N- 077462
Biochemical mutants of Eremothecium ashb- 077411
Two spontaneous **cucumber mutants** of part- 077223
Drosophila melanogaster & a **mutant, ebony** 080320
Properties of two purified **mutant enzymes.** 077437
like particles in an **extranuclear mutant** of 079190
High protein **mutant forms** of Lathyrus lines 077184
state in nine **mutant genes** of pea plants. 077222
Induced mutants for tomato breeding. 077248
Oxidative enzymes of **lanceolate mutant** in 077028
A mini & cup shaped **leaflet mutant** in grou- 077156
Conditional-**lethal mutants** of animal viruses 075819
in vivo evaluation of a brown **midrib mutant** 074980
characterization of **morphogenetic mutants.** 077140
Occurrence of complete & **mosaic mutants** in 077101
Resolving enigma of **multiple mutant** sectors 077082
technique for **photosynthetic mutants** of hig- 077546
Characteristics of a tomato **plastome mutant** 077202
High **protein mutant** forms of Lathyrus lines 077184
II. Properties of two **purified mutant** enzy- 077437
Characterization of eight **rough mutants** of 075784
Resolving enigma of multiple **mutant sectors** 077082
algae-- study of **mutants sensitive** to inactiv- 077102
their suppression by a **suppressor mutant** of 080276
properties of a new **white mutant** of Euglena 076970
phenocopies of rudimentary **wing mutants** & 080276
Meiosis in **mutants** of **winter** wheat induced 077241

MUTASE
Chorismate mutase isozyme patterns in three 077363
for three isozymes of **chorismate mutase** in 077698

MUTATION
Drosophila melanogaster females. [**Mutation**] 080429
Gene **mutations affecting** cytochrome system 077209
yield of wheat by **mutation breeding.** 077262
Specific **mutation caused** by grafting peas o- 077178
N-methylurea. II. **Chlorina mutations.** 077195
on occurrence of **chlorophyll mutations** in o- 077169
on spectrum of **chlorophyll mutations** in bar- 077224
Induction of **chlorophyll mutations** in bread 077261
Chromosomal mutations & aneuploidy in re- 077235
of mitotic cycle. [**Chromosome mutations**]. 077206
Ratio of gene & **chromosome mutations** in e- 077208
spectrum of **mutations** in **cotton.** 077020
A **feather mutation** in domestic fowl. 075315
Gene mutations affecting cytochrome system 077209
Study of **mutability & heritability** of dairy c- 075420
Producing **induced mutations** in soybean. 077198
Dependence of **induced mutations** of Droso- 080163
Inherited mutations in winter wheat as affe- 077176
Mutation in **length** of internodes of wheat. 077260
recessive sex-linked **lethal mutations** in fem- 080426
induction of **mutations & modification** of et- 080169
Investigation of **plastome mutability.** I. Cha- 077202
of somatic crossing over & **point mutations.** 077083
effect of buffering to **mutations** in **search** for 077194
with lethal & **semilethal mutations** in inbred 080268
Specific mutation caused by grafting peas o- 077178
nitrogen nutrition on **spontaneous mutation** 077467
Genetic nature of **mutations** of **sunflower,** in- 077195
Genetic nature of **mutations** of **sunflower,** in- 077229
Study of **mutation variability** in winter whe- 077100
Mutational variability in barley hybrids & t- 077216
in yeast. I. Effect of **mutation xrs1-5** on radi- 077196

MUTTON
Increasing production of **mutton & wool &** 073129

MYCELIA
Estimation of **mycelial biomass** by determin- 081217

MYCOBACTERIACEAE
Studies on resistenance of **mycobacteria.** [C- 075886
Mycobacterial lymphadenitis in pigs on Dar- 075652

MYCOBACTERIUM
differentiation of **Mycobacterium avium** stra- 075747
cultural study. [**Mycobacterium johnei**]. 075731

MYCOFLORA
SEE FUNGUS

MYCOPLASMA
inoculation of human T-**mycoplasmas.** 075727
witches broom in Taiwan. [**Mycoplasma**]. 079161
by lethal yellowing. [**Mycoplasma**]. 079197
sp. n., an **anaerobic mycoplasma** from bovine 074635
for differentiation of **avian mycoplasma.** 075984
Mycoplasma in a **cat** colony. 075893
poultry raisers. [**Mycoplasma gallisepticum**] 075597
caused by **Mycoplasma gallisepticum** & other 075736
Virulence of **Mycoplasma gallisepticum** for 075841
agglutination of **Mycoplasma gallisepticum.** 075917
Tropism of **Mycoplasma gallispeticum** for ar- 076289
Effect of **Mycoplasma hyopneumoniae** infect- 075726
antibody method of **Mycoplasma isolated** fr- 075777
T.S.65). [Perosis, **Mycoplasma meleagridis**] 075833
with T1 strain of **Mycoplasma mycoides** in 075831
On role of **Mycoplasma** in **occurrence** of en- 075963

MYCOPLASMOSIS
on control of **avian mycoplasmosis.** 075777
Control of **mycoplasmosis** in **chickens** & tur- 075670
Mycoplasmosis in **man,** small ruminants, rod- 075922

MYCORRHIZA
details of its **mycorrhizal habit.** 076894
substances in some **mycorrhizal, parasitic** & 077373
Mycorrhiza in **tundra** plants of north eastern 077419

MYCOSIS
Fungi isolated from bovine **mycotic abortion** 075834
Alimentary mycotic lesions in cattle: a histo- 075731
Adiaspiromycosts, a **common mycotic** disease 075952
Mycosis & pasteurellosis of calf. 075701

MYCOSPHAERELLACEAE
scab. [Fusicladium **dendriticum, Venturia** in- 079069
Aderh & apple scab (**Venturia inaequalis**) (078923

MYCOTOXICOSIS
A **mycotoxicosis** of **Equidae** caused by Fusar- 075790

MYCOTOXINS
Analytical problems of proof of **mycotoxins.** 073620
drug administration to **control mycotoxins** in 073586
Formation of **mycotoxin Patulin** in dry saus- 073609

MYOGLOBIN
Metabolism of **myoglobin** in **cases** of edema 075940
heat denaturation of turkey **meat myoglobin** 074067

MYOSIN
Myosin from **Physarum** polycephalum. 077287

MYRIOPODA
romania. [Coleoptera, **Myriapoda, Araneida**] 080477

MYRISTICACEAE
Tropical Africa (**Lauraceae, Myristicaceae,** 076603

MYRMECIA
capture behaviour in **ant Myrmecia** gulosa F 080404

MYRMICA
aggregating workers of **Myrmica rubra.** 080327

MYXOCOCCUS
Slime of **myxococcus virecsens.** 077484

MYXOMYCETES
to slime mold plasmodia. [**Myxomycetes**]. 077278
models of muscles & **myxomycete plasmodia** 076883
in locomotion of **myxomycete plasmodia.** 077288
of sporulation in **myxomycete Stemonitis** vi- 076974

MYZUS
of tobacco & their control. [**Myzus persicae,** 079171
tobacco mosaic virus. [**Myzus persicae**]. 079207
of tobacco & their control. [**Myzus persicae,** 079713
tobacco mosaic virus. [**Myzus persicae**]. 079750
peach aphid in 1973. [**Myzus persicae,** Hya- 079766
enemies in their control. [**Myzus persicae**]. 079803

NADP
Characterization of **NADP** [nicotinamide-ad- 077622
of Aspergillus nidulans **lacking NADP**-linked 077462

NAPHTHALENES
treated with Alar & **naphthalene acetic** acid 074250

NAPHTHENATE
affected by foliar application of **naphthenate** 077986

NARCISSUS
on advanced flowering of **narcissus** ("Narcis- 078050

NASAL
for obtaining undiluted **nasal secretions** from 074539

NATAL
SEE BIRTH

NATRIUM
SEE SODIUM

NAUCORIDAE
cimicoides (L.) (Heteroptera: **Naucoridae**). 080413

NAVEL
Acarina: Eriophyidae), in **navel oranges.** 079828

NECK
Congenital location of heart in **neck** (situs c- 076046
of winged beans (Psophocarpus spp. **Neck**) 078036
On qulaification of root **neck measures** & 1 076245

NECROBACILLOSIS
vectors in cases of **reindeer necrobacillosis.** 075937

NECROPHORUS
SEE NICROPHORUS

NECROSIS
of black tip disorder of mango. [**Necrosis**]. 079217
of genes of **necrosis** on **appearance** of depres- 077233
Aseptic necrosis of discus lumbosacralis in s- 076010
Necrosis of **muscle** complexus in embryos & 076040
Studies on **pear necrotic** spot. [Virus diseas- 079155

NECTAR
Papaya puree & **nectar.** 074277

NEEDLE
biochemical study of Picea **abies needles** fu- 076218
Results of **needle analyses** from a fertilizer 076228
of root neck measures & 100 **needle-weight** 076245

NEMACUR
aldicarb, Du Pont 1410 or **Nemacur applied** 079238

NEMASTOMATIDAE
sp. nov. (**Opiliones, Nemastomatidae**). 080478

NEMATOCIDE
years following application of **nematicides.** 079274
with non-volatile **nematocides applied** at & 079383
Effectiveness of some **nematicides** in **banana** 079280
Nematicides in **soil** environment. 080110
Nematocide trials with tobacco in 1968-69 079382

NEMATODE
tissue of Ascaris lumbricoides (**Nematoda**). 075716
antibiotic in fowl affected by **nematodosis.** 075951
Heterodera longicolla, n.sp. (**Nematoda:** hte- 079314
Criconema proclivis n. Sp. (**Nematoda:** Cric- 079315
Meloidogyne ottersoni (**Nematoda:** Heterod- 079318
of genus Ironus Bastian, 1865 (**Nematoda:** I- 079330
SSR. 8. Distribution of **nematodes.** [Tylenc- 081035
Nematodes of **banana** & plantain (Musa sp.) 079357
schachtii. [Sugar **beets, nematodes**]. 079317
of invasive larvae of some **cattle nematodes.** 075948
helminths as well as **cestodes, nematodes** & 073696
Preplant fumigation for **citrus nematode** con- 079319
Citrus nematode & its control. [Tylenchulus 079364
II. Ordination of **nematode communities.** [079320
of infestation by **nematodes** of **coniferous** tr- 079232
fumigation for citrus **nematode control** in Fl- 079319
Studies of root-knot **nematode control** in gi- 079383
Examination of **nematodes** in **crops** of econ- 079352
ridges in spring on potato **cyst-nematode,** H- 079237
Control of potato **cyst-nematode,** Heterodera 079238
Potato **cyst nematode** in Norway. [Heterod- 079292
variability in ability to **destroy nematodes.** 079388
contributions to study of **nematode fauna** in 079355
Nematodes & forage legumes. 079277
affect alfalfa. [**Nematodes, Fusarium**]. 079276
spring on potato cyst-**nematode, Heterodera** 079237
Nematodes of **high** altitudes in India. II. St- 079350
structure analyses of stem **nematode-induced** 079308
treatment of intestinal **nematode infection.** 075582
gastro-intestinal **nematode infestation** in sh- 075592
Nematode infestation of grass roots greater 079275
in dog for treatment of **intestinal nematode** 075582
subclinical gastro-**intestinal nematode** infest- 075592
test for gastro-**intestinal nematodes** of cattle 075785
on population of **nematodes,** on **invasion** of 079373
Control of root **knot nematodes** Meloidogyne 079356
Studies of root-**knot nematode** control in gi- 079383
A root **lesion nematode** parasitic on cotton 079346
maximowicziana by **nematode, Meloidogyne** 079272
of root knot **nematodes Meloidogyne** spp. In 079356
Oat nematodes--some interesting Danish res- 079295
Plant-**parasitic nematodes** in south Australia 079226
Parasitic nematodes of coniferous seedlings. 079234
A root lesion **nematode parasitic** on cotton 079346
Nematodes--pests of cultivated plants. 079395
Population dynamics of **plant nematodes** in 079307
saprophytic **nematode populations** to compo- 079305
of different crops in **nematode populations.** 079353
Studies on **reniform nematode** as related to 079403
Nematode-resistant sericea being developed. 079283
A field evaluation of **nematode-resistant** to- 079392
of plant parasitic & **saprophytic nematode** p- 079305
Motion & skeleton in **small nematodes.** [Pl- 079348
seasonal distribution of **nematodes** in **soil** of 081056
Fine structure analyses of **stem nematode-in-** 079308
of formation of **nematodes** of **stored** vegetab- 079231
japonensis or **nematodes** in **suburb** of Mito 079273
Results of control of **sugarbeet nematode.** [079365
Nematodes of some **vegetable** crops of Sheki 079229
On nematodes of **vegetable** & cucurbitaceous 079230
between **nematodes** & **Verticillium** wilt of co- 078899
population of **nematodes** of **winter** wheat. 079235

NEMATODIRUS
SEE STRONGYLIDAE

NEOGENE
calcareous algae) of **Neogene** of **Spain.** [Lit- 076808

NEOMYCIN
administration of **neomycin** & **monomycin** to 075575

NEONATAL
SEE BIRTH

NEOPLASIA
Treatment of **mammary neoplasia** in dog & 076084

NEOPLASTIC
SEE PLASTICS

NEOTROPICAL
SEE TROPICAL

NEPENTHACEAE
Philippine species of **Nepenthes.** 076678

NERVES
Fine structure of **abdominal neural** fat-body 080353
of internal branch of **accessory nerve.** [Sheep 074709
Experimental investigations on **nerve centres** 074708
of elements of trichome of **nerves & limbs** of 076885
Role of selenium in **neural physiology** of avi- 074752
Short nerves of brachial plexus in nutria (074707
head. IV. Muscles & **nerves** of **sympathical** 080401

NERVOUS
for patient with **central nervous** system dysf- 075552
Central nervous system depressants recently 076155
Post-embryonic changes in **central nervous** 080415
diseases of animals. V. Skin, **central nervous** 076018
skeletaland **nervous-distrubances** in female 076005
Sensilla & **peripheral nervous** system in mo- 080284
of fowl. LXIV. **Sympathetic nervous** system 074672
Properties of **nervous system** controlling fli- 080312

NEST
brood from materials of their **nests** in **ant** s- 080180
Notes on **nesting behavior** of Steniolia eleg- 080270
Effect of **coloured nests** on frequency of floor 074734
of ant columns within **nest** of **Formica** rufa 080462

NETWORK
Radio **communication network** service in Al- 072817
Spatial situation of optimum **road network** 076323

NEURAMINIC
total protein, seromucoid, **neuraminic acid** & 074712

NEURAMINIDASES
Synthesis of virus-**specific neuraminidase** in 075600

NEUROLOGY
Annual review of **neurology.** [Veterinary me- 075458
A **neurological approach** to fractures of spin- 074804
Neurological examination of horse. II. Spin- 076037
Neurologic examinations. Flexion & crossed 075561
reproduction of **neurological lesions** associat- 076098

NEURONS
spontaneous discharges of **motor neurons** in 080325

NEUROPTERA
of some African Mantispidae (**Neuroptera**). 080408
perla (l.) (**Neuroptera, Chrysopidae**) in sout- 080181
et Aspock (**Neuroptera, Raphidioptera,** Rap- 080576
Esb.-P. nov. spec. (**Neuroptera8 Sisyridae**). 080527

NEUROSECRETION
in staining of **neurosecretory cells.** [Insects] 080431
Neurosecretory system & retrocerebral end- 080293

NEUROSPORAS
over on linkage group I of **Neurospora.** 077410
Adenine nucleotide levels in **Neurospora** [cr- 077435
near amination-1 locus of **Neurospora crassa** 077026
ribosomes of **Neurospora crassa** by a bacter- 077353
patterns in three fungi. [**Neurospora crassa,** 077363
specific nucleases of **Neurospora crassa.** 077380
of sexual hormones in **Neurospora crassa.** 077424
glycogen metabolism in **Neurospora crassa.** 077573
extranuclear mutant of **Neurospora crassa.** 079190
Neurospora 6-phosphogluconate dehydrogen- 077436
Neurospora 6-phosphogluconate dehydrogen- 077437
transport in **Neurospora** by **transinhibition** 077328

NEUTRALIZATION
Enterovirus **neutralizing activity** in milk of 075840
incognita eggs in **neutral carbohydrate** fract- 079312
cells of Allium cepa with **neutral red.** 078153
as determined by micro-**serum-neutralization** 075627

NEUTRON
of mouse spermatogonia to fast **neutrons.** 075354
pine trees determined by **neutron activation** 076233
A **neutron-activation** analysis of lindane & 080124
in Austrian soils by **neutron activation** anal- 081059
pine trees determined by **neutron activation** 081869
Some results of X-ray & **neutron application** 077072
of soil moisture by **neutron scattering.** 081001

NEWBORN
SEE BIRTH

NEWCASTLE
of chickens **against Newcastle** disease by m- 075746
inhibiting antibodies of **Newcastle disease** vi- 075584
of turkeys with **Newcastle disease** virus stra- 075656
processes on tenacity of **Newcastle disease** v- 075694
Newcastle disease in poultry. 075769
a B1 strain of live NDV. [**Newcastle disease** 075916
Newcastle & urate deposition diseases in po- 075770

NEZARA
Analysis of acoustic signals of **bug Nezara** v- 080206

NICKEL
Iron, nickel, & chrome content of plants on 077477

NICOLETIA
with genital region of **Nicoletia sp.** (Insecta: 080297

NICOTIANA
by several species of **genus Nicotiana.** [Toba- 076936
gene transfers in **genus Nicotiana.** [Tobacco 077111
gene transfer in **genus Nicotiana.** [Tobacco 077112
Resistance to anthracnose in **genus Nicotia-a.** 079090
to potato virus Y in **genus Nicotiana.** 079199
somatic elimination of **Nicotiana glutinosa** c- 077084
Nicotiana tabacum by **Nicotiana langsdorffii** 077240
on cytoplasm of **Nicotiana megalosiphon** & 077088
capability of tobacco (**Nicotiana tabacum**) & 076127
capability of tobacco (**Nicotiana tabacum**) & 076128
capability of tobacco (**Nicotiana tabacum**) & 077799
capability of tobacco (**Nicotiana tabacum**) & 077802
cured tobacco cultivars (**Nicotiana tabacum** 077812
of porphyrins in **Nicotiana tabacum** L. [Tob- 077875

NICOTINAMIDE
Bull semen **nicotinamide adenine** dinucleoti- 074545
on level of **nicotinamide & adenine** nucleoti- 074705
Regulation of **nicotinamide adenine** dinucleo- 077532
of NADP [**nicotinamide-adenine** dinucleotide 077622
reduction of **nicotinamide adenine** dinucleot- 078127
Bound NAD [**nicotinamide adenine** dinucleo- 078232

NICOTINE
scanning calorimetry of **nicotine, glucose** & 077737
associated nitrogen & **nicotine levels** in plant 077925
of sugar & **nicotine** in **tobacco.** 074170

NICROPHORUS
to behavior of carrion beetle (**Necrophorus**) 080307

NIGELLA
ovule formation in excised pistils of **Nigella.** 077313

NIGHT
laying hen. 4. calcium status of hen at **night** 074730
Nocturnal flight activity of some African M- 080408
variation of day & **night temperatures.** 077766

NIGHTFLOWERING
SEE FLOWERS

NILAPARVATA
of brown planthopper, **Nilaparvata lugens** S- 080357
crucivora Boisduval & **Nilaparvata lugens** S- 079826

NISIN
ultra violet]-irradiation in a **nisin-producing** 073938

NITRALIN
SEE PLANAVIN

NITRATES
in relation to applying **ammonium nitrate** fe- 078150
Differentaion of **nitrate concentration** in so- 077902
Analysis of **nitrate concentrations** in Illinois 081800
Techniques for **nitrate dosages** by ionometer 077716
Determination of **nitrate** in **feedstuffs.** 074318
to applying ammonium **nitrate fertilizer** to 078150
pyrophosphatase] of Chlorella **fusca nitrate** 077352
Variation of chloride & **nitrate** in **leaf** & the- 077809
molybdenum in formation of **NADPH-nitrate** 077349
Nitrate, nitrite, & dimethylnitrosamine in c- 073573
or reducing addition of **nitrate** & **nitrite** cur- 073606
Determination of **nitrate** & **nitrite** content in 074019
manures, ammonical & **nitrate nitrogen** on a- 081387
Influence of adding **potassium nitrate** & of 073956
Characterization of **nitrate-reducing** system 077541
in formation of NADPH-**nitrate reductase** by 077349
of Chlorella fusca **nitrate reductase.** 077352

Reversible inactivation of **nitrate reductase** 077364
on crude protein & **nitrate reductase** in cron 077630
on synthesis of **nitrate reductase** & nitrite r- 077694
Nitrate reductase activity & polyribosomal 077852
dairy corral & its effect on **nitrate** & **salt** of 081813
Seasonal dynamics of **nitrates** in **southern** 081253
Nitrate toxicity in strawberries. 079328
of fertilizers on dynamics of **nitrates** & **yield** 081294

NITRIC
plant material with concentrated **nitric acid** 076594
to determination of **nitric nitrogen** & ammo- 078268

NITRILE
by iodo-3, hydroxy 4, nitro 5 **benzo nitrile** 075741

NITRITES
number of meat in presence of **nitrite.** 073641
Determination of nitrate & **nitrite content** in 074019
reducing addition of nitrate & **nitrite curing** 073606
Nitrate, nitrite, & dimethylnitrosamine in c- 073573
of nitrate reductase & **nitrite reductase** in ri- 077694

NITRO
disease by iodo-3, hydroxy 4, **nitro** 5 **benzo** 075741
additions of effectiveness of **nitro-urea** NPK 081323

NITROGEN
wheat treated with various forms of **nitrogen** 077637
Response of hybrid maize to **nitrogen.** 081378
Effect of N [**nitrogen**] & S [sulphur] fertiliz- 081499
fertilizers containing slowly **acting nitrogen** 078572
Nitrification activity of certain soils treated 081185
Non-protein **nitrogen additions** to silages for 074920
Effects of **nitrogen additions** of effectiveness 081323
Effect of **nitrogen-ammonia** on atmospheric 077315
of nitric nitrogen & **ammonia nitrogen** in ag- 078268
influenced by time of **nitrogen application** & 077648
Details for second **nitrogen application,** on 078320
varieties to progressive **nitrogen application.** 081437
Applying nitrogen fertilizers to spring wheat 081299
of Burley 21 tobacco & **associated nitrogen** 077925
nitrogen-ammonia on **atmospheric nitrogen** f- 077315
genetics on volatile **nitrogenous bases** in tob- 077808
Studies of structure of **nitrogen bindings** in 074319
Commercial nitrogen fertilizer & environme- 081314
changes in soluble **nitrogen complement.** 078079
Biochemical studies on **nitrogen compounds** 077606
amount of phosphorus & **nitrogen compounds** 077831
Regulation of **nitrogenous constituents** of to- 077807
of amino acid & **nitrogen content** of pods & 074204
Nitrogen content of grapes in cool storage e- 074312
stress on carbohydrate & **nitrogen content** of 077775
barley & winter wheat & **delayed nitrogen** f- 078318
with a background of **different nitrogen** ferti- 077721
nutrient stabilizer & **nitrogen distribution** in 081067
Effect of **divided nitrogen** doses on yield & 081469
winter wheat with gradual **nitrogen doses.** 081336
Economical application of **nitrogen doses** in 081338
Effect of divided **nitrogen doses** on yield & 081469
Trends of intensive & **economised nitrogen** f- 081350
of rye quality by **nitrogen fertilization.** 074121
of pastures on **nitrogen fertilization** level ex- 077798
under influence of **nitrogen fertilization.** 077902
Relationship between **nitrogen fertilization** 077903
Influence of **nitrogen fertilization** on protein 077934
Influence of **nitrogen fertilization** on mineral 078041
on plant density & **nitrogen fertilization.** 078279
winter wheat & delayed **nitrogen fertilization** 078318
experimental designs: **nitrogen fertilization** 081312
on plant density & **nitrogen fertilization.** 081321
Production function of **nitrogen fertilization** 081337
Effect of late **nitrogen fertilization** on yield 081339
Effect of **nitrogen fertilization** on lysine, tr- 081340
Nitrogen fertilization of perennial forage cr- 081346
economised **nitrogen fertilization** in industri- 081350
of rye quality by **nitrogen fertilization.** 081363
Influence of **nitrogen fertilization** on mineral 081369
Field study on **nitrogen fertilization** of soyb- 081373
Rationale for optimum **nitrogen fertilization** 081392
of pastures on **nitrogen fertilization** level ex- 081415
Nitrogen fertilization as a means of seed-bed 081420
versus all mineral **nitrogen fertilization** of fl- 081508
stand patterns & **nitrogen fertilization** on yi- 081524
Effect of forms & levels of **fertilizer nitrogen** 077824
Commercial **nitrogen fertilizer** & environme- 081314
Urea as a source of **nitrogen fertilizer** for g- 081316
Nitrogen fertilizer: price levels & sales in Il- 081370
Nitrogen fertilizer trials on irrigated navy b- 081477
Effectiveness of forms of **nitrogen fertilizers** 073057
Effect of forms of **nitrogen fertilizers** on ch- 077296
a background of different **nitrogen fertilizers** 077721
application dates for **nitrogen fertilizers** on 081286
Conversion of **nitrogen fertilizers** in soil wh- 081291
Applying **nitrogen fertilizers** to spring wheat 081299
Effect of doses of **nitrogen fertilizers** on yie- 081304
Effectiveness of forms of **nitrogen fertilizers** 081405
sylvestris to various **nitrogen fertilizers** on 081500
II. influence of **nitrogen fertilizing.** 078374
ammonia on atmospheric **nitrogen fixation** in 077315
I. Localization of **nitrogen fixation** in heter- 077335
Nitrogen fixation by higher fungi. 077370
pyruvate decarboxylation in **nitrogen-fixing** 077544
with winter wheat with **gradual nitrogen** do- 081336
Nitrogen on **grassland;** nitrogen for milk & 081319
Balance of **nitrogen** & **humus** in soils. 081107
Possible ways to **influence nitrogen** utilizati- 077052
L.) fodder in relation to **nitrogen levels** & w- 079474
of low temperature **liquid nitrogen** in food p- 073822
emission at temperature of **liquid nitrogen.** 077540
Liquid nitrogen for sugar beets? 081502
Nitrogen losses in surface runoff from agricu- 081547
Availability of farmyard **manure nitrogen** to 077738
Some knowledge on **nitrogen metabolism** in 074815
Nitrogen metabolism of stargrass as affected 077663
V. Abscisic acid & **nitrogen metabolism** in b- 077690
cobalt on **nitrogen metabolism** of cotton un- 077722
magnesium chlorate on **nitrogen metabolism** 077958
of 15N & 14N in **microbiological nitrogen** t- 081108
Nitrogen on grassland; **nitrogen** for **milk** & 081319
of utilization of **mineral nitrogen** in case of 078168
irradiation on release of **mineral nitrogen** in 081088
Part organic versus all **mineral nitrogen** fert- 081508
Mirwart: **Nitrogen mineralization** of meado- 078372
SSR. 3. Dynamics of **mobile nitrogen,** phos- 081030
Influence of **nitrogen** & **moisture** on growth 077732
manures, ammonical & **nitrate nitrogen** on a- 081387
to determination of **nitric nitrogen** & ammo- 078268
Influence of **nitrogen nutrition** on spontane- 077467
genetical background & **nitrogen nutrition** on 077805
Rationale for **optimum nitrogen** fertilization 081392
Content of **nitrogen, phosphoric** pentoxide 078739
Nitrogen & **phosphorous** fertilization of wh- 081275
methods for **nitrogen, phosphorus** & potassi- 077394
Variation in content of **nitrogen, phosphorus** 078067
Effect of **nitrogen, phosphorus** & potassium 078070
Effect of N,P,K [**nitrogen, phosphorus,** pota- 078162
hybrid pearl-millet to **nitrogen, phosphorus,** 078365
of plant spacings, **nitrogen, phosphorus** & p- 078368
effectiveness of NPK [**Nitrogen, phosphorus** 078572
Dynamics of mobile **nitrogen, phosphorus** & 081030
of increasing doses of **nitrogen, phosphorus** 081292
of nitro-urea NPK [**nitrogen, phosphorus,** p- 081323
max (L.) Merr.] to **nitrogen** & **phosphorus.** 081381
of plant spacings, **nitrogen, phosphorus** & p- 081382
to graded doses of **nitrogen** & **phosphorus.** 081428
Effect of **nitrogen** & **phosphorus** top dressing 081465
Effect of N,P,K [**nitrogen, phosphorus,** pota- 081478
Nitrogen & **phosphorus** losses in surface ru- 081520
of joint action of **nitrogen** & **potassium** in n- 077563
Influence of **nitrogen** on **production** of grass- 081475
of paddy varieties to **progressive nitrogen** a- 081437
Non-**protein nitrogen** additions to silages for 074920
of different fractions of **protein nitrogen** in 077676
for wheat with use of **radioactive nitrogen**(N 081302
Effect of **nitrogen rate** on yield & quality of 081330
Effects of **nitrogen rates** & dates of vine kill- 081331
Correlation between **nitrogen rearrangement** 081343
in assimilation of **nitrogen** in **relation** to app- 078150
Nitrogen requirements of winter wheat (Trit- 077657
Nitrogen response & yield potential of some 081429
protein. I. Magnesium & **nitrogen retention** 073711
Details for **second nitrogen** application, on 078320
of stargrass as affected by **nitrogen** & **soil** sa- 077663
Mobilization of **soil nitrogen** as influenced 081199
Nitrogen in **soils** of Saratov Region. 081174
I. Daily changes in **soluble nitrogen** compl- 078079
ammonium salts as only **source** of **nitrogen** 074925
Effect of plant **spacings, nitrogen,** phosphor- 078368
Using **nitrogen** in **spring.** 081418
for using **nitrogenous substances** (products of 075146
On amount of **nitrogenous substances** in roo- 077608
acid on amount of **nitrogenous substances** in 077829
legumes & effect of **nitrogen** on **succeeding** 081377
Determination of alpha-**nitrogen** in **sugar** be- 074175
Urea as a **nitrogen supplement** to corn silage 074324
utilization of **nitrogen** as a late **topdressing** 081302
N in microbiological **nitrogen transformatio-s:** 081108
ruminants. 3. Utilisation of **urea-nitrogen.** [074864
ways to influence **nitrogen utilization** by br- 077052
of Pinus sylvestris to **various nitrogen** fertili- 081500
genetics on **volatile nitrogenous** bases in tob- 077808

NITROGENASE
Tetrazolium reduction & **nitrogenase activity** 077333
Measurement of **nitrogenase activity** of inta- 077654

NITROHUMIC
of iron chelate of **nitrohumic acid** by soybean 077785

NITROPHENOL
determination of 2,6-**diiodine-4-nitrophenol** 075139

NITROSO
on sue of N-**nitroso-N-alkylureas** in breeding 077021
Effect of N-**nitroso compounds** on transform- 077300
induced by N-**nitroso-N-methylurea.** II. Chl- 077195
induced by N-**nitroso-N-methylurea.** I. Vari- 077229

NITROUS
Use of **nitrous oxide** for producing eupolypl- 077711

NITROXYNIL
hydroxy 4, nitro 5 benzo nitrile **(Nitroxynil)** 075741

NOCTUIDAE
Spodoptera litura Boisd. **(Noctuidae)** on cas- 079657
of Spodoptera littoralis Boesd **(Noctuidae:** 079663
argentifera Guen. (Lepidoptera: **Noctuidae).** 079741
armigera Huebner (Lepidoptera: **Noctuidae)** 079834
Noctuidae, from gamma-**irradiated** females. 079694

NOCTURNAL
SEE NIGHT

NODULES
isolation of Rhizobia from these **nodules.** [P- 077816
isolation of Rhizobia from these **nodules.** [P- 079130
low-activity strains of **nodule bacteria.** [Rhi- 081143
nitrogen fixation in **Casuarina nodules.** 077315
Nodular cirrhosis in a dog. 076160
Nodule formation on excised leguminous roo- 077787
Pathological findings on **intragastric nodule** 075760
corrinoid compound from **soybean nodules.** 077727

NOISE
Noise: effects on domestic animals. 074634
Planting for survival. [**Noise pollution**]. 081861

NOMENCLATURE
Code of **Botanical Nomenclature**] & fossil s- 076804
Some new **nomenclatural combinations** in C- 076759
of classification & **terminology** of **erosion-pr-** 081562
Supplemental nomenclature of some Phaner- 076643
A **nomenclatural tour** (Ixora queenslandica 076729

NONAQUEOUS
SEE AQUEOUS

NONHOMOLOGOUS
SEE HOMOLOGY

NONLACTATING
SEE LACTATION

NONOCCLUDED
SEE OCCLUSION

NONTARGET
SEE TARGET

NOODLE
of method of egg determination in **noodles.** 074238

NORADRENALINE
Effect of intravenous **noradrenaline infusion** 074516

NOREA
Coleoptera) from North **Norea.** [Onthophag- 080465

NORMALIZATION
Fusiformis nodosus in **normal, affected,** vacc- 075641
sequences in DNA of **normal avian** embryos 075958
of follicles from hens of a **normal** & a **blood** 074716
glycolytic intermediates in **normal bovine** & 074591
in pectoral muscle of **normal chickens** & chi- 076021
Opague-2 & **normal corn** as amino acid sour- 074953
of swine fed opaque-2 or **normal corn** free-c- 074956
contents of pendulous crops & **normal crops** 074744
as a factor limiting **normal development** of 078014
eight-week body weight of **normal & dwarf** 075317
Normal electrocardiogram of cat. 074586
Normal electrocardiogram of German Shep- 075510
double flowering & with **normal flowers.** 077607
conditions during **normal germination** of Cr- 077225
electrocardiographic study of **normal goats** 074697
leaf surface area as a factor **limiting normal** 078014
crystalluzation in **normal** & in **Marek's** dise- 074605
Normal parturition in a case of leukaemia of 075293
content in **normal & pathologic** ovaries of c- 075559
acetylcholinesterases in **normal & poisoned** 080688
diphosphoglycerate in **normal & porphyric** f- 074596
Practical normalization in agricultural work 072901
Relative growth of **normal & regenerated** le- 080414
of a small volume of **normal saline.** 075263
electrocardiographic study of **normal sheep** 074696
Chernozem soils of **normal southern** Kustan- 081250
misophyll protoplasts of **normal & tumorous** 077535
Small White parthenogens & **normal turkey** 074753
of 1-month-old lambs to **normal & UV**[ultra- 075588

NOSEMA
chemicals on paramecia & **Nosema** in **bees.** 080690
Enzootic levels of **nosema disease** in untreat- 080659
Nosema invadens sp. n. (Microsporida: Nos- 080336
transmission of **Nosema plodiae** in indian-m- 080333
brassicae infected by **Nosema plodiae.** 080335

NOSEMATIDAE
fumiferanae (Microsporida: **Nosematidae**) in 080218
invadens sp. n. (Microsporida: **Nosematidae**) 080336
opacita (**Microsporidia, Nosematidae**) on Cu- 079946

NOSOPSYLLUS
behaviour of rat flea **Nosopsyllus fasciatus** 080407

NOSTOC
blue-green algae. [Anabaena **doliolum**, Nost-c 077341

NOTABLE
Notable advances in development of mercury 080123

NOTONECTA
of a non-visual orientation in **Notonecta.** [u- 080309
regulation in **backswimmer Notonecta** glauca 080406
to prey by back swimmer Notonecta undula- 080308

NOTONECTIDAE
glauca L. (**Heteroptera: Notonectidae**). 080406

NOURISHMENT
On biology of **larval nourishment** of Ctenoc- 080458

NOZZLES
of wear on accuracy of nozzles in **plant** prot- 080936

NUCLEAR
mutant of Zea mays. II. Nuclear magnetic r- 074980
NMR [**Nuclear magnetic** resonance] studies 076480
Intranuclear occurrence & fine structural de- 080218
cytological study of a nuclear polyhedrosi of 080185
introduction of nuclear polyhedrosis virus of 079906
Pathogenicity of a nuclear polyhedrosis virus 080334
associated with a nuclear polyhedrosis virus 080339
A nuclear polyhedrosis virus of a caddisfly, 080340
Comparison of density of nuclear pores on v- 076925
Studies by nuclear technique on response of 081379

NUCLEASES
activities of single-strand-specific nucleases 077380

NUCLEIC
On carbohydrate & **nucleic acid** in leaves & 077610
into RNA & pectinic acid of **nucleic acid** ex- 077697
Protein & **nucleic acid** components of elder- 079176
Changing patterns of **nucleic acids**, basic & 077398

NUCLEOLUS
Nucleolar behaviour in lemon fruit explants 078028
Activity of **nucleolus organising** region & or- 078155

NUCLEOPROTEIN
nucleoprotein reconstitution of tobacco rattle 079206

NUCLEOSIDE
characterization of **nucleoside diphosphatase** 078053
Nucleoside triphosphate metabolism in musc- 075716

NUCLEOTIDES
level of nicotinamide & **adenine nucleotides,** 074705
Adenine nucleotide levels in Neurospora [cr- 077435
Adenylic nucleotides in Drosophila: Evoluti- 080177
of meat & behavior of **nucleotides** in **meat.** 074031
leukosis virus **nucleotide sequences** in DNA 075958
of polysaccharides from **sugar nucleotides** in 077571
of light on RNA & **nucleotide synthesis** in s- 077543

NUCLEUS
RNA-polymerase in **nuclei** of **Acetabularia.** 077548
pores on vegetative & **generative nuclei** in p- 076925
proteins in generative & **vegetative nuclei** d- 077398

NURSERIES
Diseases of olives in **nurseries.** 079282
Seed & seedling losses in **nursery beds.** 076206
of spring wheat in **breeding nursery.** 078501
in **nursery** through uses of some **chemical** s- 078749
Mechanization of forest **nursery cleaning** as 076248
of development of grape **nursery culture.** 078801
Grape **nursery culture** on an industrialized 078813
Nursery diseases of cocoa in Ghana. 1, prea- 078979
Nursery facilities for post weaning. [Swine] 074388
Pest control for commercial **foliage nurseries** 079271
Mechanization of **forest nursery** cleaning as 076248
similar to industry in **forest nursery.** 076300
tasks of development of **grape nursery** cultu- 078801
Grape nursery culture on an industrialized 078813
Economic outlook for **nursery industry.** 073448
Adapting to new **nursery methods.** [Silvicul- 076383
Genetic control in a **pine nursery.** [Pinus sy- 076355
Progeny testing in a **pine nursery;** based on 076356
Seed growth in a **pine nursery** in Central S- 076357
Marketing of **nursery plants.** 073240
of cultivation & trade of **nursery products.** 078757
weed control in a **nursery** of **Pseudotsuga** m- 079435
evalutation of large-**scale nurseries** & their 076277
Nursery spacing container-grown trees. 076351
Nursery technology--key to green survival. 078727

NUTRIA
SEE COYPUS

NUTRIENTS
Functional evaluation of **nutrients.** 073726
Role of fat as a **nutrient.** 073740
allowances for foods & **nutrients.** 073753
with cows fed supplement of **micronutrients** 073983
of certain vitamins & **micronutrients.** 074826
with cows fed supplement of **micronutrients** 075170
of sugar beet seeds with **micronutrients.** 077797
Pattern of **nutrient absorption** of rice plant 077783
Effect of **nutrient additions** on apparent co- 079644
phase oxidation(. [**Micronutrients, analysis**] 076594
Nutrient balances for evaluation of nutrient 081729
Digestion of **nutrients** by **cattle** as related to 074849
on amount of **certain micronutrients** & meta- 074819
treatment with **micronutrients combined** wi- 079001
on tree growth, **nutrient composition** of tree 078019
Nutrient consuption in sows of various bree- 075032
level in irrigation water on **nutrient content,** 077928
leaf, peer, flesh inorganic **nutrient content,** f- 078175
to new expression of **nutrient content?** [Fert- 081283
leaf, peer, flesh inorganic **nutrient content,** f- 081495
yield & uptake of **micronutrients** at **different** 081386
Losses of **fertilizer nutrients** in surface runo- 081354
translocation of **nutrients** in **groundnut** (Ara- 077833
fruiting on tree **growth, nutrient** composition 078019
with salts of **micronutrients** on **increase** in b- 077639
on leaf, peer, flesh **inorganic nutrient** content 078175
of increased postnatal **nutrient intake** on ki- 074975
Role of **micronutrients** in **intensification** of 081455
Preparing **nutrient media** from various grou- 073924
stress in balanced mineral-**nutrient media.** [078020
Secondary & **micro-nutrients** in relation to 078046
Study of **mineral nutrient** value of greens. 073724
osmotic stress in balanced **mineral-nutrient** 078020
properties of soils & **nutrient movement** in a 081395
accumulation of **nutrients** in **plant** organism, 077562
Influence of increased **postnatal nutrient** int- 074975
quality & uptake of **nutrients** by **potato** plan- 077636
Preparing nutrient media from various grou- 073924
on accumulation of **nutrients** in **pressed** peat 081287
Amount of **micronutrients** in **primary** alpine 081255
absorption by rice plants on **nutrient release** 077782
of addition of **nutrients** in **retting** of flax str- 074189
Effectiveness of **micronutrient salt** supplem- 075132
N-SERVE nutrient stabilizer & nitrogen dis- 081067
PMU-7 on dynamics of **soil nutrients** & yie- 081298
of osmotic pressures of **nutrient solution.** 077486
balances for evaluation of **nutrient sources** in 081729
N-SERVE **nutrient stabilizer** & nitrogen dis- 081067
Nutrient standards compete with type A. [s- 073778
Nutrient supplying capacity of soils. 1. Effe- 077782
methods on cost load of **nutrient uniformity** 073063
Importance of **unknown nutrients** in poultry 074919
fertilizing on course of **nutrient uptake,** gro- 077886
Study of mineral **nutrient value** of greens. 073724
of soils. 1. Effect of **nutrient** & **water** absorp- 077782
utilization of **nutrients** by **weaned** baby pigs 074822
Effect of **micronutrients** on **yield** & quality of 081297
Effect of **micronutrients** on **yield** & uptake of 081386

NUTRITION
New mileposts in **nutrition.** [Cereals]. 073721
Dramatic age of **nutrition;** how do we feed i- 073727
Social aspects of **nutrition.** [Malaysia]. 073741
Problems in diets & **nutrition.** 073782
Undernutrition. 073793
improving world food supply & **nutrition.** 073798
Food habits, food faddism & **nutrition.** 073799
of productivity & new methods of **nutrition.** 075140
elderly? entire field of **nutrition** is **afire** with 073727
Nutrition & **aging** in technically underdevel- 073802
vitamin E in metabolism & **animal nutrition** 074913
concerning use of sugar in **animal nutrition.** 075077
How to beat drought. [**Animal nutrition**]. 075084
factors. [Soybeans, lima **beans, nutritive** val- 073749
trace element. [Sugar **beets, nutritional** defi- 079251
Nutrition & **behavior** & learning. 073804
feeds?; here's how to **calculate nutritional** va- 074327
Mineral **nutrition characteristics** of warn-se- 077791
in eveluation of **nutritional condition** of cere- 081342
of corn & soybeans to **nutrition conditions** in 077635
its relationship with **nutrition conditions.** 077678
Physiological & **nutritional consequences** of 074629
potassium in **nutrition** of **cultivated** plants. 077563
Sugar beets, **nutritional deficiencies**]. 079251
to avocado trees. [**Nutritional deficiencies**]. 079257
Nutritional deficiency symptoms of sugarca- 081328
of processes of **nutrition determining** degree 075152
lactating & dry ewes at **different nutritional** 075260
Nutrition & **disease.** 073805
Influence of **nutritional doses** of virginiamyc- 074846
Nutrition in **early** childhood. 073792
Methods & kinds of **nutrition education** (19 073766
sociological studies on **nutrition education.** 073788
Role of **nutrition** & **endocrine** activity in de- 080250
Influence of **nutritional factors** on ribosomal 073748
Role of potassium in **nutrition** & **fertilizing** 078196
Nutrition in **food** processing. 073800
Reviews relating to **food, nutrition** & health; 073801
Boophilus annulatus: effect of **host nutrition** 079999
Corn oil & **human nutrition.** 073722
is too much, is too much. [**Human nutrition**] 073745
on protein utilization. [**Human nutrition**]. 073751
deficiencies of lactase. [**Human nutrition**]. 073757
C] dehydroascorbic acid. [**Human nutrition**] 073759
Use of micro-algae in **human nutrition.** I. N- 073763
Animal proteins in **human nutrition.** 073791
C] dehydroascorbic acid. [**Human nutrition**] 076024
of conserving & **improving nutritive** value of 074367
Nutrition & **infection.** 073795
Factors that **influence nutritive** requirements 074873
Consumer reaction to **nutrition information** 073304
on effect of growth **inhibiting nutritional** su- 079677
Investigation of **insufficient nutrition** of app- 079324
t meet population needs. [**Nutrition labeling** 073611
Consumer reaction to **nutritional labels** on f- 073638
Effect of changes in **nutritional level** on dep- 074871
dry ewes at different **nutritional levels.** 075260
Studies on **maganese nutrition** of vegetable 079340
Manganese nutrition of cotton under two bo- 077666
Effect of boron & **manganese nutrition** on st- 078071
Nutritional & **metabolic** aspects of circadian 073746
Studies on **mineral nutrition** of several tropi- 077702
Mineral nutrition characteristics of warn-se- 077791
Mineral nutrition of alfalfa. 7. 077795
Mineral nutrition of Pythium marinum, a m- 078939
beets & weeds relative to **mineral nutrition.** 079414
Diagnosis of **mineral nutrition** of Larix sibir- 079879
Nutritional needs of teenagers. 073723
Nutrition in **Netherlands,** 1960/1969. 073790
Influence of **nitrogen nutrition** on spontane- 077467
genetical background & **nitrogen nutrition** on 077805
Nutrition & **oral** problems. 073797
Nutrition & **physical** performance. 073803
content? [Fertilizers, **plant nutrition**]. 081283
studies on soil area of **nutrition** for **plants.** 078519
Effect of a **nutritionally poor** ration, short-t- 074861
Studies on **potassium nutrition** of Satsuma 078019
of unknown nutrients in **poultry nutrition.** 074919
Nutrition during **pregnancy.** 073796
pyrantel treatment & **protein nutrition** on p- 075726
Nutritional rehabilitation programs. 073716
Factors that influence **nutritive requirements** 074873
Nutritional requirements of poultry as provi- 074880
Nutritive requirements in cat. 074897
Nutritive requirements for chickens & turke- 074927
Nutritive requirements for swine. 074928
Nutritive requirements for dairy cattle. 074929
Nutritive requirements for beef cattle for gr- 074930
Nutritional requirements for ovule formation 077313
conditions of soil & non-**root nutrition.** [Ex- 078220
Careers in Food & **Nutrition Service** dept. of 073785
qualities of fat in **nutrition** of **slaughter** swi- 075082
of current estimates of **nutrition standard.** 073772
analysis of measures of **nutritional status** of 073710
Nutritional status of olive tree of Ebro basin 078181
algae in human nutrition. I. **Nutrition study** 073763
of growth inhibiting **nutritional substance** on 079677
Nutrition is only as good as it **tastes.** 073728
Voandzeia subterranea). [**Nutritive value**]. 073744
Soybeans, lima beans, **nutritive value**]. 073749
Nutritive value & baking properties of bread 073767
here's how to calculate **nutritional value.** 074327
of conserving & improving **nutritive value** of 074367
Selenium dilemma. [**Nutritive value,** toxicity 074965
Influence of processing upon **nutritive value** 074978
Studies on **nutritional value** of sorghum grai- 075064
Studies on **nutritional value** of sorghum grai- 075065
On **nutritive value** of poultry manure: Meta- 075076
Selenium dilemma. [**Nutritive value,** toxicity 076125
cocksfoot can reduce their **nutritive value.** [079042
to various crops & their **nutritional value.** 081457
on growth & **nutrition** of **vegetable** crops. III 078017
Zinc nutrition of rice in relation to iron & 077746

NUTS
Growing tree fruits & **nuts** in **home** orchard 078774

NYCTERIBIIDAE
Theodor, 1954, (**Diptera, Nycteribiidae**): Pr- 080641
notes on **Nycteribiidae** & **Streblidae** from T- 080582

NYMPHALIDAE
Czechslovakia (**Lepidoptera, Nymphalidae**) 080511

NYMPHS
of larval starvation on **nymphs** & **eggs** of fol- 080662
post-molt behavior of **engorged nymphs** & a- 080347
Description of larva & **nymph** of **tick** Ixodes 080207

OAK
Ozarks have similar site indexes for **oaks.** 076332
Production benefits from gambel **oak control** 079437
Erhr.) in southern Wisconsin **oak forests.** 078200
biological methods of controlling **gambel oak** 079438
biomass in herb layer of an **oak-hornbeam** f- 076183
of conservation of **monumental oaks** at Roga- 076417
On morphology of sessile & **pedunculate oak** 076992
Culture & results of **planting oak** on sites fit 076363
Oak root rot disease & possible means of c- 078913
on natural resistance of **oak wood** to fungi 076566

OATS
occurrence of chlorophyll mutations in **oats** 077169
genotypes & possible early diagnosis. [**Oats**] 077718
in Avena coleoptiles by abscisis acid. [**Oats**] 077862
seedlings by isoelectric focusing. [**Oats**]. 077869
by scanning a single seedling. [**Oats**]. 077873
XXIX. On structure of avenacins. [**Oats**]. 077923

potassium in soddy podzolic soil under **oats** 081030
regime in soddy podzolic soil under **oats.** 081031
asynaptic genotypes of Avena sativa L. [**Oats** 077047
in tillering & heading in **oat, barley** & wheat 077748
Oats in west **Carpathians.** 076627
Chief oats. [Varieties]. 078500
of phytochrome. [**Oats, corn,** peas]. 077861
Physiologic specialization of **oat crown** rust 078953
non-cellulosic glucans in **developing oat** plant 077878
treated municipal wastewater on **oat forage** 077771
Forage production of **Harmon oats,** four per- 078329
of cytoplasmic streaming. [**Oats, maize**]. 077881
Oat nematodes--some interesting Danish res- 079295
in various organs of farm crops. [**Oats, peas**] 077294
cellulosic glucans in developing **oat plant.** 077878
of longitudinal growth in corn & **oat plants.** 077916
Introduction of only **productive oats** varieties 078546
High **protein oats**--a useful companion crop 078330
of pathogen of crown rust of **oats Puccinia** c- 078898
triphosphatases from wheat & **oat roots** at d- 077838
Purification of **oat & rye** phytochrome. 077859
Partial characterization of **oat & rye** phyto- 077860
of only productive **oats varieties.** 078546
between barley white mustard & **wild oats.** 077762

OBESITY
cockerels upon food intake, **obesity, blood** p- 074751
Characterization of an **obese syndrome** in p- 076059

OBSTRUCTION
management in **gastrointestinal obstruction.** 075551

OCCLUSION
A **nonoccluded virus** of army cutworm. [Eux- 080332

OCCUPATIONS
in off-farm **agricultural occupations.** 072699
Careers in **Food** & Nutrition Service dept. of 073785
air pollution, OSHA [**Occupational Safety** 073549
most out of OSHA. [**Occupational Safety &** 076244

OCHRATOXIN
copper, & iron on **ochratoxin** A **production.** 077322

OCHROSIA
Revision of **Ochrosia** of New **Caledonia.** 076606

OCIMUM
SEE LABIATAE

OCTADECADIENOIC
cis-9, trans-11-**octadecadienoic acid** from lin- 078081

ODONATA
dragonfly from West Africa (**Odonata**). 080517
Himalaya **Expedition, Odonata.** [Odonata, 080496

ODOR
Evaluation of **odor & color** signals as aids to 080673
Odor controls for rendering plants. 081792
Structure of metathoracic **scent gland** system 080413
a sexual dimorphism in tubular **scent glands** 080247
objective measurements of **odors induced** by 074025
boar, & mongrel boar affected with **sex odor** 073998
constituents in vapour & their **odour values** 074243

OEDOGONIUM
cell formation in **Oedogonium cardiacum.** 077574

OESOPHAGOSTOMUM
oesophagostomiasis (**Oesophagostomum** (Bo- 075880

OESTRIDAE
lineatum (De Vill.) (Diptera: **Oestridae**). 079998

OIL
pesticide residures in fats & **oils.** 073584
Chromatographic examination of fats & **oils** 073830
pesticide residures in fats & **oils.** 080058
Essential **oil analysis** of Myricaceae of easte- 076745
Forage & **oleaginous cereal** cultivars obtain- 078371
Colza oil. 074154
of morphine content & of **oil content** in pop- 077168
on yield of fresh grass & **oil content** & quali- 081505
Corn oil & human nutrition. 073722
Determination of **corn oil** in corn germ by i- 074130
plough & specific consumption of **Diesel oil** 080999
Marketing orders. [**Essential oil**]. 073290
Committee ISO/TC 54 "**Essential oils**". 073848
Essential oil analysis of Myricaceae of easte- 076745
Change in amount of **essential oil** in rhizom- 077308
Constituents of **essential oils** of Vepris mad- 077520
Differentiation of some **essential oils** presen- 077525
On determination of **essential oils** of plants: 077528
On **essential oil** of Monarda fistulosa & inc- 077550
Grindelia Willd., a valuable **essential-oil** pla- 077582
effects of some amino acids upon **fish oil.** 073923
Flax--oil & textile plant. [Breeding]. 077242
of rapeseed oils & rapeseed **oil foots** & effec- 075037
of a "total artefacts" peak in **frying oils.** 073875
Constituents of **horseweed oil.** [Conyza can- 073898
Palm oil processing. III. Physical refining. 074295
Production of **oil palm** plant material: Choi- 078456
of air & ground treatments in **oil palm** plan- 079836
Replanting of **oil palms** for industrial use; 078772
Demand & supply of Oregon **peppermint oil** 073289
Field evaluation of **petroleum oils** for control 079966
Efficacy of fortified **petroleum oils** as mosqu- 079967
No place for domestic **plant oil** in Austria? 073146
conditons on stability of chosen **plant oils** u- 074132
Willd., a valuable essential-**oil plant.** 077582
Results of **oil plant** trials. [Varieties]. 078408
Spring **oil plants**--a good interim crop. 078351
Can we grow more **oil plants?** 078406
Spring **oil plants.** 078410
Parasites of **oil plants.** 079391
Fighting quackgrass in spring **oil plants.** [A- 079504
of some essential **oils presenting** a related c- 077525
Palm **oil processing.** III. Physical refining. 074295
Testing seeds for **oil & protein.** [Field crops 074082
Inheritance of **oil & protein** content in a dia- 077037
of puberulent genotype on **oil, protein** & su- 077724
on content of ferrum & copper in **rape oil** d- 074237
in course of deacidification of **rapeseed oil.** 074203
during autoxidation of bleached **rapeseed oil** 074246
energy content of **rapeseed oils** & rapeseed 075037
Vegetable **oil refining** process. I. alkali refin- 074296
Effect of increasing amount of **safflower oil** 074981
supplement of stearic acid or **safflower oil** on 074983
acid content in Brassica arvensis **seed oil.** 077889
Stimulated biodegradation of **oil slicks** using 081793
Use of neutralized soybean **oil soapstock** for 075041
chemistry of essentia l **oil** of some **species** of 077593
Spring oil plants--a good interim crop. 078351
Spring oil plants. 078410
Fighting quackgrass in **spring oil** plants. [A- 079504
Vegetable oil refining process. I. alkali refin- 074296
of dietary animal tallow & **vegetable oil** on 075049
optical system for detection of **oil** on **water.** 081847
moisture tension & amendments on **yield, oil** 078022

OILPALM
improvement of plants. [**African oilpalm**]. 077073

OILSEED
Self-sufficiency in **vegetable oilseeds:** role of 078454

OLEACEAE
of ash wood & their significance. [**Fraxinus**] 076441
looks promising. [**Fraxinus pennsylvanica** la- 076406

OLEAGINOUS
SEE OIL

OLETHREUTIDAE
pomonella (L.) (Lepidoptera: **Olethreutidae**) 080215

OLIGONYCHUS
Texas High Plains. [**Oligonychus pratensis**] 079747

OLIVES
with atnitranspirants for sizing fruit. [**Olives**] 078042
Harvesting of **olives:** how to reduce costs. [078756
Keifer 1959 (Acarina, Eriophyidae) on **olive** 079869
What is future of **olive culture.** 073528
Diseases of **olives** in **nurseries.** 079282
Nutritional status of **olive tree** of Ebro basin 078181

OLPIDIUM
aquatic fungi of Maharashtra. I. **Olpidium** 076705

ONCIDIUM
by Jacquin & typification of **Oncidium.** 076800

ONCOPELTUS
Thermoreception of **bug Oncopeltus** fasciatus 080205
scent glands of milkweed **bug Oncopeltus** fa- 080247

ONIONS
Annotated bibliography on storage of **onions** 074259
Storage conditions required by **onions.** 074272
on pungency & sulfur content of **onions.** 078084
on permeability of Allium cepa cells. [**Onion**] 078123
with carrots (Daucus carota L.) & **onions** (A- 079469
trial of chemical resistance **against onion** s- 079053
Reaction of **onion cultivars** to Botrytis [cine- 079054
growth of various short-**day onion** varieties 078167
Use of herbicides in **drilled onions** as well as 079457
Pectic substances in **onion & garlic** skins. 074287
species of genus Allium L [**onion garlic**]. 076907
insecticides for control of **onion maggot,** Hy- 079842
III. Crossing of parsley, **parsnip, onion** & st- 079363
on rhizosphere microflora of **onion plants** in 081216
Rotting of **onions & possibilities** of its limit- 078975
Plant spacing for **onion production.** 078829
of nucleoside diphosphatase in **onion root** tip 078053
Control of **wild onion** (Allium candense), wi- 079579

ONISCOIDEA
anatomical anomalies found in **Oniscoidea.** I- 080439

ONOCLEA
SEE POLYPODIACEAE

ONTHOPHAGUS
from North Norea. [**Onthophagus, Aphodius** 080465

ONTOGENY
leucogram of sheep in **ontogenesis.** 074768
of erythrocytes in sheep in **ontogenesis.** 074774
Ontogenic development of thyroid gland in 074497
in early post/**incubation ontogenesis.** 074766
in early post-**incubation ontogenesis.** 074769
fowl in early post-**incubation ontogenesis.** 074770
Phyllode theory in relation to **leaf ontogeny** 076896
Ontogeny & morphological significance of e- 076885
Artiodactyla (in **ontogenesis & phylogenesis**) 074685
root growth in **ontogeny** of **potatoes.** 078186
Contribution of **ontogenic & seminological** s- 076807

OOCYTE
of amplified DNA in **oocytes** of **house** cricket 080220

OOGENESIS
second pairs in **oogenesis** of **Drosophila** mel- 080425

OPAQUE
Performance of swine **fed opaque**-2 or norm- 074956

OPHIOBOLUS
to appearance of **Ophiobolus graminis** Sacc. 079060
herpotrichoides & **Ophiobolus graminis** on 079078

OPIINAE
A (2. contribution to **Opiinae** of **Musee** Roy- 080472

OPILIONES
Newly **discovered Opiliones** species: Mitost- 080478
from Greece (**Opiliones, Phalangodidae**). Wi- 080639

OPIUS
Ethiopian species of **Opius Wesm.,** section 080472

OPTICS
Polarization: a key to an **airborne optical** s- 081847
An apparatus for study of leaf **canopy optics** 077430
Optical density measurements in canine tibi- 074796
lines with chlorophyll assays & **optical film** 077674
Optical measurement of absorption & scatte- 076511
Changes in **optical properties** of maize leaves 077900
Topo-**optical studies** on onto-genetic changes 074619

OPTIMIZATION
be taken in bakery to ensure **optimal baking** 074186
Optimizing calf mix on range lands with lin- 072884
intensive rabbit rearing. I. **Optimal climatic** 080698
Optimal computation of unstable parameters 073366
Optimization of **feed** dispensing by means of 075022
Optimization of **hardwood** pulp usage by cal- 076527
Studies on **optimal income** of selection sch- 075214
Attempt of determination of **optimal method** 075796
Optimized model for milk production on sta- 072882
to determine long run **optimal processing** pe- 074245
Optimal quality of poultry feed. 074923
standard of estimation for **optimal range** of 078018
Optimal rrplanting time for sugar cane. 078382

OPTIMUM
for determining **optimum adjustment** of thre- 080962
Determination of **optimum capacity** of build- 080710
Effectiveness of **optimum combining** of agric- 072942
Economic basis for **optimum composition** of 072958
Forecasting **optimum dosage** of mincronutri- 081514
Growth performance & **optimum growth** of 076262
Rationale for **optimum nitrogen** fertilization 081392
Optimum plot arrangement for use of rolling 080856
Spatial situation of **optimum road** network 076323
Optimum spacing & fertilizer requirement of 078366
Optimum temperature for egg development 075709

OPUNTIA
in biological weed control. [**Opuntia vaseyi**] 079446

ORAL
Effect of **orally administered** erythropoietin 074517
organs following **oral administration.** 074648
immune response after **oral administration** of 075706
suckling p-glets by single **oral application** of 076034
lambs exposed to one & two **oral doses** of 075613
from viscera, feces & eggs **following oral** ino- 073664
from viscera, feces & eggs **following oral** ino- 075813
Attempts of **oral immunization** of chickens 075746
Comparative effect of **oral ingestion** of met- 076138
mercurial fungicide, **panogen** 15, **orally.** 073632
Nutrition & **oral problems.** 073797
Studies into **oral prophylaxis** of anaemia in 076035
with Escherichia coli antigen by **oral route** 075614
Composition of tick **oral secretions** obtained 080346

ORANGES
Systematic dense packaging of **oranges.** 074280
loss & ethonol buildup in juice of **oranges.** 074281
citrus nematode control in Florida. [**Oranges**] 079319
control of blue & green moulds in **oranges** (079018
temperature forecasting in **central Orange** F- 072678

evaluation of Flit MLO in **Orange County** 079965
Delnav) residues on & in **orange fruits** & le- 080050
during processing & storage of **orange juice** 074262
Acarina: Eriophyidae), in **navel oranges.** 079828
economic aspects of Cox's **Orange Pippin.** [073037
Cox's **Orange Pippin.** [Apples, varieties]. 078687
Cultivation of Cox's **Orange Pippin.** [Apples 078688
Maintenance of Cox's **Orange Pippin.** [App- 078689
Cox's **Orange Pippin:** plant protection. [Ap- 079281
a big sized cold storage for **Satsuma orange** 074302
characteristics of "**Satsuma oranges** in Balc- 077004
a wax coating applied to **oranges** on **weight** 074300

ORCHARDGRASS

adaptation of populations of **cocksfoot** (Dac- 076846
on kentucky bluegrass & **orchardgrass.** [Dac- 079606
on yield & quality of **orchardgrass.** [Dactylis 081499
Kay orchardgrass moderately winter hardy. 078331
diseases of foxtail & **cocksfoot** can **reduce** t- 079042
death of slender plant in **orchardgrass sward** 078400
on growth of **timothy, orchardgrass,** & tall f- 077645

ORCHARDS

Woodchucks in **orchards.** 079279
three harmful leaf roller moths in **orchards.** 079796
Weed control in **apple orchards** with some 079488
Laspeyresia pomonella L.) in **apple orchards** 079797
Acarina, Hetorostigmata) in **apple orchards** 079866
some Acarina populations in **apple orchards** 079867
1972 Cost to develop an **avocado orchard** in 073004
How to select an **avocado orchard.** 078649
Binweed control study in **avocado orchard** by 079432
Data collected from fruit-**bearing orchards.** 078644
recommendations for **commercial orchards.** 079528
Tax subsidies for **orchard development:** who 073137
Ovicide effect of acaracides on **fruit orchard** 079873
grass hay composed mainly by **orchard grass** 074990
on dry matter production in **orchard grass** 077788
alone or in association with **orchard grass** or 078479
fructosan composition of **orchard grass** with 077789
Growing tree fruits & nuts in **home orchard** 078774
ulmi (Koch) in **orchards** in **Hungary.** 079872
Cul) in a plantation **orchard irrigated**-by spr- 081665
Mite in **mango orchards.** 079759
to soil cultivation in **modern orchard** plantat- 081551
in forests & **orchards,** & new to **mycoflora** of 076610
of uniformity (Cul) in a **plantation orchard** i- 081665
cultivation in modern **orchard plantations.** 081551
England Spruce-Fir Seed **Orchard Program.** 076414
of desiccation of plums in **Puracic orchard.** 079325
effect of acaracides on fruit **orchard red** spi- 079873
of establishing clone **seed orchards** for Quer- 076376
New England Spruce-Fir **Seed Orchard** Pro- 076414

ORCHIDACEAE

F. Muell. & related genera (**Orchidaceae**) in 076733
Studies on **Orchidaceae alkaloids.** XXXIV. 077971

ORCHIDS

Moths with pollinia from **butterfly orchid.** 080196
Some problems of **orchid Dactylorhiza** macu- 076908

ORDINATION

forest woodlots. II. **Ordination** of **nematode** 079320

ORGANELLES

in oriented displacements of **cell organelles.** 077280

ORGANIC

young chickens. 2. Gross changes in **organs.** 076134
Cactus spines as water **absorbing organs.** [C- 076958
Investigation on analysis of **organic acids** in 074342
on mineral constituents & **organic acids** con- 078041
of soil incorporated **organic additives** to see- 081509
Van Hall) on surface of **aerial organs** of pear 079122
thymic tissue in **branchiogenic organs** of one 074615
Inorganic & **organic bromide** residues in food 073633
vitamin C (ascorbic acid) in **certain organs** 074825
Side effects of **organic chemicals** on soil pro- 077418
of reduced exogenous **organic compounds** in 077434
of time of fertilizing by **organic compounds** 079373
purification of some **organic compounds** from 081171
"**Organic cooking**"--gourmet cooking. 073706
of some methods for **determining organic** ph- 081229
Accumulation of alkaloids in **different organs** 077578
Role of reduced **exogenous organic** compoun- 077433
Role of reduced **exogenous organic** compoun- 077434
with synthetic & **organic fertilizers.** 081470
in different tissues & **organs following** oral 074648
Organic gardening. 081399
in a case of leukaemia of **genital organ** of a 075293
on morphology of **genital organs** & fertility 075441
virus on formation of **genital organs** & game- 080184
Comparison of soil **incorporated organic** add- 081509
composition of **individual organs** of plants w- 077607
Vessels of **internal organs** of spinal cord of 074821
Changes in **internal organs** of rabbits in an 075500
distribution of **labelled organic** molecules fol- 078109
Influence of **organic manures,** ammonical & 081387
Soil **organic matter** effect on activity of ace- 079592
Balance of **organic matter** in different crop 081007
of different kinds of **organic matter** in soils 081050
Soil **organic matter.** 081060
accumulation of **organic matter** in soil. 081127
Soil **organic matter.** 081367
Soil **organic matter** effect on activity of ace- 081521
On joint application of **organic & mineral** fe- 081496
distribution of labelled **organic molecules** fol- 078109
Part organic versus all mineral nitrogen fert- 081508
methods for determining **organic phosphorus** 081229
Organic phosphorus compounds of a northe- 081433
Role of **plant organs** on formation of yields 077947
of histological examinations of **rat organs** in 076171
formation of **reproductive organs** on methods 078013
Observations on state of **reproductive organs** 079764
Spheroid **sense organs** on cerci of polyphagid 080294
Meloidogyne hapla in **organic soil:** effects of 079310
Soil organic matter effect on activity of ace- 079592
Soil organic matter. 081060
Soil organic matter effect on activity of ace- 081521
on translocation of **organic substances** in gr- 076220
Microscope photometry of **organic substanc-s** 081057
accumulation of mercury in **organs & tissues** 073704
metabolism in **organs** of **tomatoes.** 078008
cesium 137 & potassium in **various organs** of 077294
anatomical study of **vegetative organs** of cer- 076948
Part **organic versus** all mineral nitrogen fert- 081508
Utilization of **organic wastes** from agricultu- 075023
Longevity & **organ weights** of Beltsville Sm- 074753

ORGANISM

protection reactions of **organism.** I. Effect of 074810
with allylisothiocyanate on **animal organism** 075073
with allylisothiocyanate on **animal organism** 075074
plus copper sulfate on **aquatic organisms.** 079613
acetate by **aquatic organisms.** 080048
An intracellular micro-**organism associated** 079347
of Florida red tide **organism, Gymnodinium** 079447
accumulation of nutrients in **plant organism,** 077562
Cs[cesium] in **poultry organisms** & in hen's 073589
plant, ureotelic & **uricotelic organisms.** 077270
reaction of **organism** in **vaccinating** baby pigs 075968

ORGANOCHLORINE

factors **affecting organochlorine** pesticide m- 074640
for low levels of **organochlorine pesticide** re- 073584
for low levels of **organochlorine pesticide** re- 080058
factors affecting **organochlorine pesticide** m- 080088
Residues of **organochlorine pesticiedes** & ce- 073690

ORGANOGENESIS

On **organogenesis** of **Anethum** graveolens L. 077002
fo rmation & **organogenesis** as **exemplified** 076936
Organogenesis of **monocaspic** shoots of An- 076937

ORGANOPHOSPHATES

intervals for **organophosphate-treated** cotton 080049

ORGANOPHOSPHORUS

Mortality of **caged organophosphorus**-resist- 079962
pesticiedes & **certain organophosphorus** pest- 073690
distribution of **organophosphorus resistance** 079961
with **organophosphorus resistant** Tetranychus 079763

ORGILUS

from Lithuania. [Allurus **lativalvis, Orgilus** 080483

ORIBATEI

Oribatei (Acari) new for Poland. III. 080552
on food & feeding habits of **soil Oribatei** in 080375

ORIBATIDAE

SSR. 10. Distribution of **oribatids.** 080164
Oribatids in **periodically** inundated soils. 080499
distribution of **oribatids** in **Tadzhikistan.** 080654

ORIENTATION

field according to their **orientation.** 078192
movement in light **oriented chloroplast** arra- 077282
of receptors **controlling orientation** to prey 080308
of degree of **crystallite orientation** in native 074221
vegetable production & **demand-oriented** su- 073263
of light direction in **oriented displacements** 077280
"herditary **oriented divergence**" by environ- 077128
signals as aids to **orientation** at **feeding** site 080673
On new **orientation** in **land** improvement ra- 072727
ethylene: effects on **microfibril orientation** 077972
origin of structures of **orientation** in **soils.** 081048
organization of a non-**visual orientation** in 080309
Visual orientation of fly Musca domestica t- 080371

ORIUS

specificity for anthocoride **predator Orius** vi- 079673

ORNAMENTAL

Herbicide combinations for **ornamentals.** 079470
Pest control chart for **ornamentals** in **home** 079837
Ornamental plant compatibility with plant 079290
Saplings & surgery. [**Ornamental trees**]. 078661

ORNITHINE

Effect of poly-L-**ornithine** on **isolated** tobac- 077877
Aphid stylet transmission of **poly**-l-**ornithine** 079207

ORNITHODOROS

Autogeny in tick **Ornithodoros tholozani** (I- 080345

OROBANCHACEAE

by hemp broomrape. [**Orobanche ramosa**]. 079614

OROSIUS

Role of **Orosius cellulosus** Lindberg (Homo- 079163

ORTHOPEDICS

management & recovery of **large orthopedic** 075544

ORTHOPTERA

cricket, Acheta domesticus (**Orthoptera: Gry-** 080220
fasciatus (F. Walker) (**Orthoptera:** Acrididae 080236
Euthystira brachyptera (Ocsk.) (**Orthoptera** 080523
Neartic desert Decticidae (**Orthoptera**). II. 080558
of Proscopoidea (**Orthoptera Acridomorpha**) 080158
of some **Orthoptera** of **Quebec** & its taxon- 080211
guttatipes Karsch (**Orthoptera, Tettigoniidae** 080533

ORYCTES

of soil & protection **against Oryctes** in West 078772

ORYZA

SEE GRAMINEAE

ORYZAEPHILUS

Multiplication of **Oryzaephilus spp.** & Tribo- 079923

OSCILLATION

considerations on an **oscillating machine** "B- 080798

OSCILLOPOLAROGRAPHY

New **oscillopolarographic method** for determ- 080074

OSMIA

SEE MEGACHILIDAE

OSMOSIS

Osmotic pressure of some plants in steppa a- 077596
under influence of **osmotic pressures** of nutr- 077486
Role of glycerol in **osmotic regulation** of ha- 077534
Osmotic regulation in backswimmer Notone- 080406
Osmotic shock triggers an increase in ribon- 077868
Plant adjustment to **osmotic stress** in balan- 078020
Water, osmotic & pressure potential relatio- 078059

OSSEOUS

horse & measurement of its **osseous remains** 074681
horse & measurement of its **osseous remains** 074682

OSTEOGENESIS

Prospect of **encouraging osteogenesis.** [Sheep 074805

OSTEOMYELITIS

treatment of **osteomyelitis** in a **heifer.** 075647

OSTERTAGIA

through fertilizer. [**Ostertagia ostertagi, Co-** 075703

OSTRINIA

infestations. [Chilo **agamemnon, Ostrinia** n- 079756
Trial of corn **borer Ostrinia** nubilalis Hb./ t- 077906

OTIORHYNCHIDAE

pest threaten alfalfa. [**Otiorhynchus ligustici** 079730

OULEMA

for cereal leaf beetle, **Oulema melanopus.** 079700
insect diapause. [**Oulema melanopus**]. 080298

OUTBREAK

Some observations on **outbreaks & damage** 079872
Studies on **outbreak** of **equine** influenza in 075688
A natural calamity: **outbreak** of **locusts.** [Ac- 079658
A **rare outbreak** of Ctenocephalides felis ori- 080013

OVA

formation & first cleavage of **hamster ova.** 075273
exposed to soil containing Ascaris **suum ova** 075726
methods & results of **ovum transplantation** in 075443

OVARY

experimental transplantation of **ovary.** 075276
between uterine cysts & **ovarian activity** in 076007
in ovarian follicle of **ovaries** of **certain** ma- 074506
upon development of **ovaries** of **Czech** Pied 074759
temperature of **ovarian development** in Culex 080317
content in normal & **pathologic ovaries** of c- 075559
Histological structure of **ovaries** of **pregnant** 074812
pigs. I. age threshold for **ovarian reaction** to 075226
pathway between uterus & **ovaries** in **sheep.** 075449
Effects of section of **utero-ovarian** vascular 075272
foramtion of **ovaries** in **workers** of Formica 080287
formation of **ovary** in **workers** of Formica (080288

OVEN

Cabinet type **drying oven** for forage crops. 080727

OVERGROWN
Overgrowth by weeds of grain this year--a 079532

OVICIDE
Ovicide effect of acaracides on fruit orchard 079873
Ovicidal action of systemic insecticides on e- 079826

OVINE
protection of newborn: ovine & bovine fetus- 075614
sutdy of epidemiology of ovine fascioliasis in 075911
pesticide metabolism in ovine females. 074640
Radioimmunoassay of ovine FSH.[follicle-st- 074644
of iron-dextran on ovine haemonchosis. [La- 075699
on a drug-resistant ovine isolate of Haemon- 075697
of tryptophan-149 in ovine pituitary lactoge- 074562

OVIPOSITION
bean seed coat as an ovipositional attractant 080252
Oviposition of black flies (Simuliidae) in no- 080380
farnesene, a naturally occurring oviposition 080322
Circaseptan (7-day) oviposition rhythm & g- 080331
between oviposition & spontaneous discharg- 080325
Oviposition time in chukar partridge. 074745

OVIS
On flight distance of flies of Oestrus ovis L 080020
Experimental transmission of Theileria ovis 080017

OVULATION
during oestrous cycle on ovulation, embryo 074976
Ovulation, fertility & prenatal mortality in 075275
of estrus & ovulation in superovulated gilts. 075255
Results of superovulation & interbreed zygo- 074531
Post-partum intervals to ovulation & oestrus 075260
oxytocin on post-partum ovulation & oestrus 075277
estrus & ovulation & prostaglandin F2alpha 075349
Duration of estrus & ovulation time in nonl- 075184

OVULE
for study of early ovule development, megas- 076893
Development of ovule & female gametophyte 076921
Nutritional requirements for ovule formation 077313

OWNERSHIP
Development of owner's capital in agricultu- 073065
its control over rural community ownership 072753
Community property & farm ownership. 072759
MeissenKorbitz nationally-owned livestock 075359

OXALATE
Effect of oxalate & ethylenediaminetetraace-i 077479

OXAZOLIDINE
withdrawal of (-)-5-vinyl-2-oxazolidinethione 075056

OXIDANTS
Proand antioxidant effects of some amino ac- 073923
An antioxidant in over-heated meat. [Reser- 074033
tocopherols as antioxidants for refined rape 074236
different fish meals, of several antioxidants 075002

OXIDASES
rate, cytochrome oxidase activity & mitoch- 077768
Properties of diphenol oxidases extracted fr- 081221
characterization of hexose oxidase from red 077361
inhibitors of rat liver microsomal oxidases. 074639
Purification & properties of a phenol oxidase 080244
Distribution of xanthine-oxidase in eleven s- 074570

OXIDATION
Amino acid oxidation & plasma amino acid 074651
Fatty acid oxidation by flight muscles of dr- 080314
I. Studies on oxidation of n-alkanes & their 077422
Model systems for biological oxidation of m- 077553
Thermal analysis of oxidative browning in fl- 074225
model for peroxidase-catalyzed oxidation of 078126
Oxidative degradation of phenolic lignin mo- 076538
Oxidation of 21-dehydrocorticosteroids to st- 074669
Oxidation ditch reduces feedlot pollution. 081766
Oxidative enzymes of lanceolate mutant in 077028
Oxidation of mega-hydroxylated fatty acids 074557
nitric acid vapour (vapour phase oxidation(. 076594
of respiration, oxidative phosphorylation & 078132
iron on development of oxidative rancidity in 073652
Oxidation & reduction of D-xylose by cell-f- 077323
effect of cyanide on oxidation-reduction cycle 077381
type apple wine by means of oxidative yeast 074252

OXIDE
Chromic oxide & crude protein excretion in 074653
Beet pulp pellets as carrier of chromic oxide 074964
Use of nitrous oxide for producing eupolypl- 077711
phosphoric pentoxide & potassium oxide in 078739

OXIDOREDUCTASES
coniferyl alcohol oxidoreductase. 077408

OXYCOCCUS
forms of cranberry genus. [Oxycoccus]. 076611

OXYGEN
southern pine soda pulps by oxygen & alkali 076528
model compounds with oxygen & alkali. [W- 076538
Control of oxygen in beer processing. 073863
degradation during oxygen bleaching. 076541
Oxygen bleaching: a mill-tested approach to 081856
Pirus malus L.) in absence of oxygen & cold 078143
glycogenolysis & oxygen consumption in yo- 074592
Control of oxygen & its influence on quality 073894
responses to varying levels of oxygen intake 074655
sludge process using high-purity oxygen for 081851
Effect of reduced oxygen supply & of inhibi- 078153
Oxygen toxicity in Tribolium species. 079924

OXYTOCIN
of lactation, suckling & oxytocin on post-pa- 075277

OXYTROPIS
SEE LEGUMINOSAE

OYSTERS
a test to determine whether shucked oysters 073570

OZONE
Effects of ozone on bean rust Uromyces pha- 078940
Ozone for disinfection of water contaminated 081602
clones to sulfur dioxide & ozone exposures. 076219
Ozone induced carbon dioxide evolution in 077836
Suppression of ozone injury to Phaseolus vu- 079306
Removal of ozone by soil. 081109
Influence of ozone on superficial microbial f- 073680

PACHYSANDRA
Cultivation of Japanese pachysandra (Pachy- 078850

PACKAGING
of plant products destined for packaging. 074266
Packaging activities of German Agricultural 073829
Systematic dense packaging of oranges. 074280
of insect boring through food packaging mat- 073579
chickens after packaging, freezing & storing 074075
Future of milk packaging & distribution in 073319
Packaging of sausages & sausage products in 074010
Sugar packaging for consumer. 074177
in greenhouses. [Transportation, packaging] 080954

PACKING
quality & tensile strength of cigar wrapper 077928
Packing & environmental protection. 081785
by Tennessee meat packing firms resulting f- 073524
Utilization of plastics in packing milk & liq- 073936
Vaccum packing of sausages & products in 074007

PADDOCK
of moving time to next paddock on behavior 074991

PADDY
soils in Tohoku District. 2. Alluvial paddy s- 081122
phosphorus fractions during paddy growth u- 081427
Bacterial blight disease of paddy in India. 079135
Clay minerals of paddy soils in Tohoku Dist- 081118
Response of paddy varieties to progressive n- 081437
of certain high yielding paddy varieties. [Ri- 077824

PADS
Structure & function of rectal pads in Blatt- 080351

PAECILOMYCES
control, Beauveria basiana, paecilomyces far- 080433

PAIN
On frustrational expression of pain. [lamene- 076011

PAIRING
Genetic control of bivalent pairing in Avena 077046
Non-homologous meiotic pairing in a & b g- 077079
Nonhomologous pairing & nondisjunction of 080425

PAIRS
of chromosomes of first & second pairs in o- 080425

PALAEARCTIC
SEE ARCTIC

PALATABILITY
SEE TASTE

PALEARCTIC
Revision of western Palearctic species of ge- 080581

PALM
Florida's coconut palms threatened by lethal 079197
of lethal yellowing disease of coconut palm 079244
Palm oil processing. III. Physical refining. 074295
Production of oil palm plant material: Choi- 078456
Replanting of oil palms for industrial use; 078772
of air & ground treatments in oil palm plan- 079836
Cicada populations on palms in tropical rain 080390

PALPUS
Changes in palp tip sensilla of Locusta migr- 080224

PALYNOLOGY
Palynology & correlation in Zonguldak coal 076694
Palynological studies of sediments from Sal- 076723
A palynological study for Little Clay Belt, 076721
Permo-Triassic subsurface palynology from 076751

PANCREAS
Pancreas. [Dogs, surgery]. 075480
Pancreas, [Diseases, dogs, cats]. 076002

PANDANACEAE
Pandanus [peyrierasii] (Pandanaceae) from 076601

PANDANUS
Athrodactylis & Pandanus: a brief comment 076674
A new subaquatic Pandanus [peyrierasii] (P- 076601

PANELS
strength characteristics for plywood panels. 076450

PANICLE
in development of panicle on occurrence of 077169

PANICUM
pathway photosynthesis. [Atriplex, Panicum 077326
Helminthosporium of guinea grass, Panicum 078906

PANLEUKOPENIA
SEE LEUCOPENIA

PANONYCHUS
to citrus red mite resistance. [Panonychus]. 079632
European red mite, Panonychus ulmi (Koch) 079829
European red mite, Panonychus ulmi (Koch) 079830
of european red spider mite Panonychus ulmi 079862
on fruit orchard red spider mite Panonychus 079873
on spider mites. [Panonychus ulmi]. 079677
in red spider mite (Panonychus ulmi Koch) 079871
damage extent caused by Panonychus ulmi 079872

PAPAVER
Changes of tissues of Papaver in relation to 079023
oil content in poppy (Papaver somniferum L 077168
alkaloids from Papaver urbanianum Fedde. 078147

PAPAYAS
on fruit quality in some varieties of papaya 078610
of pawpaw varieties (Carica papaya L.) in 077091
Papaya marketing on Oahu: retail markup 073188
Papaya puree & nectar. 074277

PAPER
in manufacture of some grades of paper. 073819
of paper industry. Conversion to paper and/ 076535
densitometry from paper chromatograms. 078148
Paper chromatographic survey of anthocyan- 077377
technical needs & trends of paper industry. 076533
technical needs & trends of paper industry. 076534
control of Zarnesti Pulp & Paper Mill. 076435
in vicinity of a sulphite pulp & paper mill. 079401
Tests used in world pulp & paper research. 076532

PAPILIO
Two varying Papilio forms from East Asia (080541
John White's drawings of Papilio glaucus L. 080272

PAPILIONIDAE
Papilio glaucus L. (Lepidoptera: Papilionidae) 080272
from East Asia (Lepidoptera, Papilionidae) 080541

PAPILLOMA
On viral nature of wart desease in peas. 079191
Agressive biotypes of potato wart in Czecho- 079093

PAPRIKA
of total pigment content in paprika. 073922

PARAFFIN
in stabilized & unstabilized liquid paraffin. 078028

PARALYSIS
Parturient paresis. A review. [Cows]. 076009

PARAMECIA
chemicals on paramecia & Nosema in bees. 080690

PARAMETRY
threshold values as parameter in eveluation 081342
poultry feedstuffs by parametric linear prog- 075036

PARAOXON
of [14C] paraoxon with fractions & subfract- 080091

PARAQUAT
in pine trees by paraquat treatment. 076405

PARASITES
culture of exoerythrocytic form of parasite. 075734
actively engaged in field of parasitology. 075978
L) & its parasite, Anisopteromalus calandrae 079827
On role of parasites of aphids & possibilities 079631

Bovine parasitic gastro-enteritis/bronchitis: 075914
time of fruit ripening. [**Parasites, chemical** 079332
evaluation results. [Aphid **control, parasites]** 079649
Parasite damage to pastures caused by fertil- 079331
development of **parasite & developmental** st- 079827
merceti (Compere(, an **encyrtid parasite** of 080403
marinum, a marine **facultative parasite.** [Po- 078939
Parasitic fungus Botrytis fabae Sard. in con- 078920
Bovine **parasitic** gastro-enteritis/bronchitis: 075914
control of **parasitic gastroenteritis** in sheep. 075905
against **gastrointestinal parasites** of horse. 075618
on stomach & duodenum of **horse parasitic** 075761
in Avena: Puccinia coronata **host-parasite** sy- 079157
Parasite infestation through fertilizer. [Oste- 075703
Inundation with **parasitic insects** to control 079959
Parasites of **larch** casebearer in Montana, I- 079887
disclosed region of **parasitic lesion.** 075759
Change to **parasitic life** in host as an evolut- 080456
of some anthelmintics. **[Livestock, parasites]** 075718
Pteromalidae), **parasite** of **Lygaeonematus** a- 080167
substances in some **mycorrhizal, parasitic** & 077373
A root lesion **nematode parasitic** on cotton 079346
Plant-**parasitic nematodes** in south Australia 079226
Parasitic nematodes of coniferous seedlings. 079234
Parasites of **oil** plants. 079391
Parasites of **Parthenolecanium** corni Bouche 079844
basicola, **Phytophthora parasitica**]. 077034
Plant-parasitic nematodes in south Australia 079226
Responses of **plant parasitic** & saprophytic 079305
rate, adult size, & **parasitism rates.** [Chor- 079901
Root parasitism in Castilleja rhexifolia Rydb 079424
Phytophthom nicotiane f. **sp parasitica** (Das- 078907
when **parasitized** by two **species** of Apanteles 079805
Two **parasitic species** (Hymenopters, Halcid- 079883
distribution & **parasitic specificity** of Gregar- 080157
antigen extracted from **parasite suspensions.** 075715
Puccinia coronata host-**parasite system** in K- 079157
Herbicide effects on **parasitism** of **tomato** by 079614
Uninteded effects of **antiparasitic treatments** 076120
Castanea spp. II. **Parasitic variation** in ches- 079792
pisum Harris & its **parasites** in **Versailles** a- 079624

PARASITOIDEA
Parasitoid wasps as flower visitors in Canad- 080186

PARATHION
Parathion: persistence of cotton & identifica- 079720
Persistence of **parathion** in six **California** so- 080051
Parathion degradation in submerged rice soi- 080096
determination of **methyl parathion** & N-hyd- 076126
human data. I. Ethyl--& **methyl parathion.** 080049

PARATYLENCHUS
SEE TYLENCHIDAE

PARENCHYMA
pigment contents in **parenchyma cells** of pa- 077001

PARENT
an economic drawback for **parents?** 072787
of sterile counterparts of **parental forms** on 077200
in barley hybrids & their **parental forms,** in- 077216
in relation to those of **parent material.** 077217
to degree of weathering & **parent material.** 081117
An age sequence of **parent materials** & soils 081151
potassium in rocky soils & **parent rock** of D- 081263

PARENTERAL
Parenteral infection of laboratory animals w- 075842

PARESIS
SEE PARALYSIS

PARKERIACEAE
in **Ceratopteris thalictroides.** 076942

PARKS
in Waterton Lakes National **Park, Alberta.** 076636
Tame & wild in **country parks.** 078663
from Mount Albert, **Gaspesian Park,** Quebec 080236
odoratum L. collected from **Park Grass** Exp- 077764
bodoratum L. collected from **Park Grass** Ex- 077765
aspects in proposals for **Mountain Park** of 076266
gigantea in Wolin **National Park.** 076644
nov. (Liliaceae) from Royal **National Park,** 076730
of Bialowieza **National Park.** 076832
Potential **National parks** in Alaska. 081769
National parks in Seychelles. 081777
fauna of higher Vogelsberg **Nature Park** (Co- 080539
rights controversy on Baxter **State Park.** 076283

PARMELIA
lichen-forming fungi. **[Parmelia hypotropa,** 076775

PARMELIACEAE
lichen: Cetraria nivalis, **Cetraria crispa,** Sip- 077509
Lichen **Cetraria idahoensis** Esslinger from 076635

PARNASSIUS
Notes on **Parnassius appollo** jotunensis Oph 080492

PARSLEY
cultures of Petroselinum hortense. **[Parsley]** 078116
eelworms. III. Crossing of **parsley, parsnip,** 079363

PARSNIPS
Damages caused in **parsnip** by **Centrospora** 079036
III. Crossing of parsley, **parsnip, onion** & st- 079363

PARTHENOCARPY
cucumber mutants of **parthenocarpic type.** 077223

PARTICLES
Phosphorus distribution in **different particle** 081190
Virus-like **particles** in **Dolichodorus** heteroc- 079192
Virus-like **particles** in an **extranuclear** muta- 079190
dinucleotide phosphate in **particle fraction** f- 078127
infectivity for cattle of **infective particles** of 075710
Co [cobalt] irradiation of **infective particles** 075732
complete maize rough dwarf **virus particles** 079204

PARTICULATE
fruits & leaves, in **dislodgable particulate** m- 080050
analysis of **particulate phase** of cigarette sm- 077929
Studies on **particulate transglucosylases** from 078160

PARTRIDGES
Oviposition time in **chukar partridge.** 074745
chloro-4-toluidine towards **grey partridge** (P- 079242

PARTURITION
SEE BIRTH

PASPALUM
Control of dallisgrass **(Paspalum dilatatum)** 079588
molds in Bermuda grass. **[Paspalum notatum,** 078894

PASSIVE
Percentage of **passively contracted** fibres in 074590
affected, vaccinated & **passively immunised** 075641
virus infection in mice. I. **Passive transfer** of 075729

PASTE
in suckling piglets by iron **vitamin paste.** 076035
amylolytic degradation of **pastes** of **waxy** ma- 074339

PASTEURELLA
power of a strain of **Pasteurella anatipestifer** 075579
Isolation of **Pasteurella multocida** Carter's 075768

PASTEURELLOSIS
of chickens vaccinated **against pasteurellosis** 075888
Mycosis & **pasteurellosis** of **calf.** 075701

PASTEURIZATION
of afterfermentation & **pasteurization.** 073879
Batching & **pasteurization** for **correct** formu- 073958
developments in **pasteurization** of **grade** "A" 073949
growth of Enterococci in **pasteurized meat** p- 073686
Facts & fallacies about **pasteurized milk.** 073588
in milk **phosphatase pasteurization** test. 073945

PASTURES
Thoughts on driving cattle to **pasture.** 074421
excellent feed supplement while on **pasture.** 074944
Salmonellosis, manure flies, & **pastures.** [Di- 075739
Perennial ryegrass & timothy for **pasture.** [078328
grass species & varieties for **pastures.** 078423
Salmonellosis, manure flies, & **pastures.** [Di- 080011
tending of milking installations on **pasture.** 080968
Copper fertilization of **pastures.** 081434
cattle production on **pasture** using **annual** e- 072986
Erosion classification of **pastures** in **Bulgaria** 081592
Parasite damage to **pastures caused** by fertil- 079331
Grass-**clover pastures** & livestock production 078457
calf grazing studies on **comparative pasture** 074906
Fertilize **pastures correctly**!. 081426
of agrophytecenosis of **cultivated pasture.** 076875
manure on irrigated **cultivated pasture** on M- 081526
Enzootic calcinosis: A new **pasture disease** of 076068
incidence on udder & **fattening pasture** lambs 075847
Pasture feed & animal health. [Cattle]. 076129
Calves of mountains. **[Pastures, feeding].** 075107
Plan for **pasture fertilization** & utilization-- 078424
Pasture fertilization experiments of long du- 081436
Fertilize pastures correctly!. 081426
Hygienic quality of **pasture fodder.** 075008
grazing wheat & other small **grains pasture** 076142
of subterranean clover-**grass pastures** as affe- 074857
of brackish shrubveld & **grass pastures** upon 075003
of subterranean clover-**grass pastures** as affe- 076815
a+b) content in **pasture grasses.** 077903
flooding on farm income.**[Pastures, grazing]** 073006
A machine for **pasture interseeding.** 080958
Plants for **irrigated pasture.** 078472
Grass mixes for **irrigated pastures** in northe- 078583
of mosquito larvae in **irrigated pastures.** [A- 079966
as mosquito larvicides in **irrigated pastures.** 079967
for a planned yield in **irrigated pastures.** 081511
Productivity of **irrigated pastures** with mine- 081512
Joint pastures. 078343
on udder & fattening **pasture lambs** in Iran 075847
Productive grouping of winter **pasture lands** 072725
Efficiency of various **pasture lands.** [forage 078566
some tropical & temperate **pasture legumes** 077687
excised roots of some **pasture legumes.** 077688
of fertiliser rate for **maintaining pasture** pro- 081442
sourveld of Natal. **[Pasture management].** 079502
Pasture milking: A problem? [Dairy equipm- 080970
A **pasture** of **mixed** grasses must adapt to n- 078446
Pasture mosquito control without spray. [A- 080032
touristic opening up of **mountain pasture** zo- 072749
of meadows & **pastures** in **mountain** product- 078284
composition of **pastures** on **nitrogen** fertiliza- 077798
of sheep & lambs on **pasture** in **Nordland** is 080025
rate for maintaining **pasture production.** 081442
Pasture research in Gotala. 078267
of cows grazing on Italian **ryegrass pasture.** 074988
Should **pasture seed** be sown in rows or bro- 078405
Production on dryland **seeded pastures** in S- 078291
Seeded pastures. 078336
I. Cases of grass tetany in **Sotoyama pasture.** 076025
Make use of quality seed for **pasture sowing** 078411
of fodder from **pastures** in **Switzerland.** 074348
of some tropical & **temperate pasture** legum- 077687
curve analysis. **[pastures, transpiration,** resp- 077631
studies on comparative **pasture types.** 074906
Efficiency of **various pasture** lands. [forage 078566
Productivity of crested **wheatgrass pastures.** 078334
Productive grouping of **winter pasture** lands 072725
Energy supplementation in **winter pasture.** 075096
opening up of mountain **pasture zone.** [Aust- 072749

PATCH
of infestation of Aphis **spiraecola Patch** bet- 079849

PATHOGENESIS
On **pathogenesis** of **dyspepsia** in newborn ca- 076101
Genus Erwinia: **enterobacteria pathogenic** to 075635
Experimental pathogenic power of a strain 075579
in Lithuania. 4. **Pathogenicity** of **fungus** of g- 078897
ACS) on **pathogenesis & immunogenesis** in 075986
Coccidiosis & its **pathogenicity** in **Japanese** 075735
Pathogenicity of **Meloidogyne** hapla to lett- 079309
associated with **pathogenesis** in **melon** anthr- 078908
Pathogenicity of a **nuclear** polyhedrosis virus 080334
Studies into **occurrence, pathogenesis,** & pr- 076032
Pathogenic Phycomycetes of man & animals 075671
Classification of **viruses pathogenic** to anima- 075846

PATHOGENS
I. Biological differentiation of **pathogen.** II. 079097
herbarum Westend.: a **pathogen** of **Acacia** m- 078963
On survivability of **pathogen** of **balantidiasis** 075966
A **pathogen** of **Bedsonian** group & its bearin- 075764
Nosematidae), a **pathogen causing** inflamma- 080336
Biology of **pathogen** of **crown** rust of oats P- 078898
of pests & **pathogens** by good **hygiene.** 079337
Identifying pathogen of American foulbrood 080689
other glycosides from **plant pathogens.** [Cor- 076766
Xylanase activity of cotton **wilt pathogen.** [079096
galactinum as a **pathogen** of **woody** plants. 079026

PATHOLOGY
Swiss cattle: clinical signs & **pathology.** 076092
toxicity of dichlorvos in dog: 2. **Pathology.** 076114
Pathology: science of disease. [Plants]. 079406
Pathology & aetiology of turkey syndrome ' 075833
Clinical observations & **clinical pathology.** 076113
A **pathological condition** in aseptically rear- 080342
broilers. Clinical & **pathological diagnosis.** 075748
Pathology & ecology of Tegonotus hassani 079869
megastoma, iI. **Pathological findings** on intr- 075760
Pathological findings on stomach & duoden- 075761
Pathological-histological changes in rabbits 075658

PATHWAYS
repsiration. II. Control of **alternate pathway** 077767
organization of farms. **[Critical Path** Method 072878
effects of application of **Critical Path** Meth- 076433
in leaves with C4 **pathway photosynthesis.** 077326
operative in C4 **pathway** of **photosynthesis.** 077327
analysis & demonstration of **solute pathways** 080301
of uterus: a local **venoarterial pathway** betw- 075449

PATTERNS
protein & fat-content & fatty **acid pattern** of 077726
Behavior patterns. 2. [Sheep]. 074610
Patterns of **body** movements of Euglena gra- 077285
policy change according to **British pattern?** 075708
Changing patterns of nucleic acids, basic & 077398
Colonization pattern of fresh ashy dump by 077396
Changes in **cropping patterns** in APO [Asian 078271
Cropping patterns in multiple cropping syst- 078272
water-table & efficacy of **cropping patterns.** 078361
Cropping patterns for waterlogged areas. 078362
Cropping patterns in multiple cropping syst- 078634
water-table & efficacy of **cropping patterns.** 081627
Cropping patterns for waterlogged areas. 081628
Level & **distribution pattern** of fatex sucrose 077487
Root activity **distribution pattern** & phosph- 077943
Spatial **distribution pattern** of winter cherry 080359
of heat in situ on **electrophoretic patterns** of 077761
Pattern formation in blue-green alga, Anaba- 076940

Influence of difference of **growth pattern** on 077788
Growth pattern of Burley 21 tobacco & ass- 077925
Some **hereditary patterns** in milk yield, fat 075412
Simulation of **hydrochemical patterns** in reg- 081749
Chorismate mutase **isozyme patterns** in three 077363
Patterns of life in woodland communities. 1 080397
Nightly patterns of biting activity & parous 079977
Pattern of **nutrient** absorption of rice plant 077783
properties of **precipitation patterns.** 081661
On **patterns** of **processes** of nutrition determ- 075152
of feedstuffs. II. Gas **production patterns** by 074982
Haemolymph **protein patterns** in developing 080321
Reproduction patterns in domestic cat. 075190
permeability & **ribosomal patterns** in mimosa 078097
Influence of alfalfa **stand patterns** & nitrog- 081524
phage types & **patterns** of **Staphylococcus** a- 075781
epidermal cells in moulding **surface pattern** 080302
Patterns of **variation** in a number of genetic 080620
Patterns of **variation** in a number of genetic 080621
Comparative dry matter **yield patterns** of gr- 078342
Investigations on **patterns** of **yield** from pe- 078577

PAWPAW

selection of **pawpaw varieties** (Carica papaya 077091

PEACHES

on growth, yield & fruit quality of **peaches.** 078070
fruit weight & vegetative growth of **peaches** 078742
mors-prunorum f. Sp. Persicae. [**Peaches**]. 078910
aspects of transplanting disorders of **peach.** 079117
Integrated control **against peach** aphid in 1 079766
Spring populations of green **peach aphid** on 079803
at low temperatures, [**Peaches, cherries,** app- 073633
of some more important **peach cultivars.** 078068
of "Bonita" & "Ventura" **peach cultivars** on 078734
Peaches in **culture** under plastic. 078738
root extracts of **peach** & their **effects** on soil 079117
Spring populations of **green peach** aphid on 079803
for commercial apple & **peach growers.** 079335
in leaves of some more **important peach** cult- 078068
Culture of **peaches** for **industrial** uses in Sici- 078735
Ecological studies on **peach Phomopsis** rot. 078931
Brown rot of **peaches, plums,** cherries & oth- 078971
Water requirements for **peaches** in **Stip** regi- 081666
method of pruning of **peaches suitable** for b- 078641
Reaction of apricot & **peach trees** on applic- 078066
amino acids in leaves of **peach trees** & almo- 078187
Comparative responses of **peach trees** to ch- 078681
in leaves, shoots & fruits of **peach trees** in r- 078739
Responses of **peach trees** to herbicides, mul- 078867
of green peach aphid on **peach trees** & role 079803
chilling requirements of **peach varieties.** II. 078180
Ventura" peach cultivars on **various peach** 078734

PEAKS

On expediency of using "non-**peak**" electric 080774
Algae from Gunong Jerai (**Kedah Peak**), Ma- 076682
centres resulting in **peak performances.** [Cat- 075369

PEANUTS

Systems of weed control for **peanuts.** 079598
bed turnover time for spouted **bed peanut** d- 074084
on nature & control of **peanut diseases** in O- 079065
proteins & enzymes in **dormant peanuts** (Ar- 077761
Distribution of **peanut fungi** in southeastern 079024
from these nodules. [**Peanuts, inoculation,** 077816
from these nodules. [**Peanuts, inoculation,** 079130
Use of aerial parts of **peanut plants:** product- 078262
Peanuts resistant to seed invasion by Asper- 079044
nonroasted spanish & **runner peanuts.** 077760
Pratylenchus brachyurus in **peanut shells.** 079313

PEARL

Response of **hybrid pearl**-millet to nitrogen, 078365

PEARS

Pruning experiments with **pears.** 078058
Rootstocks for apples & **pears.** 078725
Burrill) Winslow et al. (fire blight of **pear)** 079137
Mycoplasmic diseases of plants. [**Pears**]. 079154
Cleft-grafting. [**Apples, pears**]. 078856
on trunk diameter & yield of **Bartlett pear** 081550
yield & fruit quality of some **pear cultivars.** 078741
Effect of methods on **grafting pears** with qu- 078816
British apple & **pear growing** & Common 073239
Dynamics of **pear growth** & iron chlorosis p- 079322
of training & pruning of **Japanese pears.** III 078018
Studies on **pear necrotic** spot. [Virus diseas- 079155
Gibberellin spray. [**Pears, plant** hormones] 078030
Pear psylla take big bite. [Psylla pyricola] 079839
Observations on **pear scab** (Venturia pirina) 078923
of brachyblasts (short shoots) of **pear tree.** 078151
on surface of aerial organs of **pear-tree** & st- 079122
Production potential of apple & **pear trees** in 078636
Polyploid apple & **pear varieties.** 076993

PEAS

Genetic studies on yield components in **pea** 077104
mercaptoethanol in Pisum sativum. [**Peas**]. 077999
cell elongation & RNA biosynthesis. [**Peas**] 078108
from Pisum sativum roots. [**Peas**]. 078113
of germinating Pisum sativum seeds. [**Peas**] 078114
fertilization with molybdenum of **pea** (Pisum 078168
influence of some microelements. [**Peas**]. 078189
On viral nature of wart desease in **peas.** 079191
with tissues of Heterodera spp. [**Peas**]. 079347
observations on hibernation of **pea aphid** Ac- 079624
in light grown stems. [Kidney **beans, peas**]. 078094
of nodule bacteria. [Rhizobium, **peas, beans**] 081143
ammonia-lyase (PAL) in **pea buds.** 078136
of polyribosomes in **pea chloroplasts.** 078177
Quality **control peas.** 073630
of phytochrome. [Oats, **corn, peas**]. 077861
of mitochondria in **pea cotyledons** during ea- 078121
Peas--cultivation. 078760
prior to mitosis in **cultured pea** root cortex 077989
Root formation in **pea cuttings.** I. Effects of 078104
Sturcture of mitochondria in **etiolated pea** s- 076960
cell wall extensibility in **etiolated peas.** 077972
Euro-peas perform well in UK. 078631
Field beans & **field peas.** [Varieties]. 078753
Cultivation of **field peas.** 078755
Peas as **fodder.** 075010
Specific mutation caused by **grafting peas** o- 077178
Growing peas. 078624
One viewpoint on **growing peas.** 078845
in vegetable growing, **including peas.** 079514
quality of fresh & **industrialized peas:** Inlfu- 078185
Breeding of **industry peas.** I. Variety test. 077187
on maize, spring barley & **pea** at **initial** stage 077887
between cell enlargement in **pea internode** s- 078131
between cell enlargement in **pea internode** s- 078132
in isolated chloroplasts of **pea leaves.** 078110
of **peas** to **methabenzthiazuron** & bentazon. 079418
in various organs of farm crops. [**Oats, peas**] 077294
Euro-**peas perform** well in UK. 078631
Natural crossing in **pigeon pea** [Cajanus caj- 077138
Studies on varietal resistance of **pigeon pea** 079728
state in nine mutant genes of **pea plants.** 077222
on rates of aldrin metabolism in **pea plants** 078002
strains of nodule bacteria. [**Rhizobium, peas** 081143
partial characterization of **pea RNA** polyme- 078003
Influence of **pea-root** exudates on germinati- 078902
phosphate dehydrogenase from **pea shoots** by 078137
of mitochondria in etiolated **pea stem** cells 076960
seed tissues. [Barley, **sunflower, pea**]. 077895
from cadmium chloride treated **pea tissues.** 078004
Fusarium disease resistance of **pea varieties** 079073

PEAT

Betula verrucosa plantations on **peat.** [Affor- 076388
Betula pubescens & Betula verrucosa on **peat.** 076395
Betula verrucosa plantations on **peat.** [Affor- 079077
growth of Betula pubescens on **drained peat** 076396
Effect of **peat fertilizers** on productivity of l- 081490
of nutrients in pressed **peat litter** in poultry 081287
Milled peat & milled bark as substrate for 076389
Effect of **peat** on **mobility** of mineral compo- 081008
Note on utilization of **peat ot** fight water po- 081695
New findings in **peat research.** [Soils]. 081064
complex prospective evaluation of **peat soil** 081077

PEATLANDS

Betula pubescens on **fertilized peatland.** 079081
Afforestation of **open peatlands** with Betula 076397

PEBULATE

tobacco. [Diphenamid, **isopropalin, pebulate** 079573

PECTINASES

acid metabolism & **pectinase activity.** [Avena 077758

PECTINOPHORA

aberrations. [**Pectinophora gossypiella,** cott- 079701

PECTINS

Pectic substances in onion & garlic skins. 074287

PECTORAL

Adenyl cyclase in **pectoral muscle** of normal 076021
Total proteins in **pectoral muscles** of domest- 074770

PEDOLOGY

On role of **pedology** in **education** of earth sc- 072688

PEELS

induced senescence of citrus **fruit peel.** 078124
nutrition on structure of **peel** of **Golden** Del- 078071
Effect of storage on **peeling quality** & flavor 074076

PEKIN

Adrenal function of **Pekin ducks** during mat- 074532

PELARGONIUM

tenuissima, Septoria, **Pelargonium, rust,** nat- 079113

PELLETIZATION

Determination of piece firmness of **pellets:** 074352
in light horses fed a **complete pelleted** ration 074607
containing medicinal **pellet food** for larger p- 075684
Pelleting of **grass** meal & chopped hay. 074371
Beet **pulp pellets** as carrier of chromic oxide 074964
Field germination trial with **pelleted tomato** 078173

PEMPHIGUS

on mycetom-cells of **Pemphigus bursarius** L. 079882

PENETRATION

ion concentration] rate of **acid penetration** i- 074066
Observations on **penetration** of **barley** leaves 079740
Sperm penetration of pig eggs in utero. 075282
autoradiographic **studies** on **penetration** of 079925

PENICILLIUM

of methylthiophanate **against Penicillium** m- 078972
of Fungi Imperfecti. [**Penicillium Ascochyta** 077449
reproduction in **Penicillium baarnense** Van 077494
Penicillium **chrysogenum, Penicillium** dupon- 077363
in dry sausage. [**Penicillium expansum,** Peni- 073609

PENIOPHORA

by use of a white-rot fungus. [**Peniophora**]. 076517

PENIS

bulls, rams & boars by **penis** & **prepuce** devi- 075393

PENNISETUM

decumbens, **Pennisetum clandestinum**]. 077664
mutica & elephsnt **grass, Pennisetum** purpu- 074573
of elephant grass: **pennisetum purpureum,** S- 074891
of elephantgrass **(Pennisetum purpureum** Sc- 075083
Elephantgrass **(Pennisetum purpureum).** 078344
photosynthesis in **Pennisetum typhoides.** 077691

PENS

Effect of number of pigs **per pen** on perfor- 074455

PENTOBARBITAL

adminsitration of **sodium pentobarbital** on e- 074700

PENTOSANS

Regulation of **pentosan biosynthesis** in barl- 077884

PENTOSES

Determination of **pentoses** in **meat** & meat 073627

PENTOXIDE

Content of nitrogen, **phosphoric pentoxide** 078739

PEPPER

Shall we have **peppers free** from virosis? [B- 077069
Sweet & **pimiento pepper** varieties for Tenn- 078830
allied compound in chilli. [**Red peppers**]. 078045
of insecticides on yield of chilli [**red peppers**] 079820

PEPPERMINT

biochemical characteristics of **peppermint.** 1 077303
Control of insect pests on **peppermint.** [Me- 079659
progeny of **allopolyploidal peppermint** Men- 077204
Demand & supply of Oregon **peppermint oil** 073289

PEPSIN

Determintaion of rennin & **pepsin** in **bovine** 074567
properties of a single **chicken pepsinogen** fr- 074560

PEPTIDES

cleavage of single tryptophanyl **peptide bond** 074623
mucopolysaccharide-**peptide complexes** & on 074579
copper amino acid & **peptide complexes.** 12. 074845
Analysis of a **crosslinked peptide** from calf 074559
Determination of fish **meat peptides** in tech- 073911

PERCEPTION

Perception of **light** direction in oriented dis- 077280
Water **quality perception** & recreational uses 081878

PERCHLORATES

Use of **ammonium perchlorate** in fattening 074992

PERDIX

SEE PHASIANIDAE

PERENNIAL

productivity from annual & **perennial crops.** 077474
with chemicals: agronomic **crops, perennial** 079560
Spring fertilization of **perennial forage** plan- 078556
Effect of **perennial forage** plants on occurre- 079749
Nitrogen fertilization of **perennial forage** cr- 081346
of Harmon oats, four **perennial grasses** & B- 078329
Experiment of sowing **perennial grasses** on 081560
Weed control in **perennial grassseed** crops. 079543
of herbicide tolerance of **perennial herbs.** 079456
Perennial lupine in service of reforestation 076344
Milkweed--a **persistent perennial** that reduc- 079544
assets in production of **perennial plants** in a- 073050
Perennial ryegrass & timothy for pasture. [078328
Growth & survival of **perennial tropical** gras- 077774
Competitive effects of three **perennial weeds** 078054

PEREZIA

details of schizonts of **Perezia fumiferanae** 080218

PERICALLIA

compounds in control of **Pericallia ricini** F. 079657

PERIPHERAL
luteinizing hormone] in **bovine peripheral** p- 075175
on **peripheral** action of **chlorpromazin,** raus- 075502
Sensilla & **peripheral nervous** system in mo- 080284
Central & **peripheral temperatures** & EEG 074508

PERIPLANETA
american cockroach **Periplaneta americana** 080223
of compound eye of **Periplaneta americana** 080303
of retina of **Periplaneta americana** L. 1. Ch- 080304
of retina of **Periplaneta americana** L. 2. Rec- 080305

PERISTALSIS
Myogenic peristalsis in isolated preparations 074574

PERKINSIELLA
at Bundaberg. [**Perkinsiella saccharicida,** ve- 079153

PERLIDAE
diapause & sex-ratio of **Chrysopa perla** (l.) 080181

PERMANGANATE
acid as an oxidizer to **replace permanganate** 080431

PERMEABILITY
wound stimuli. 4. Changes of **permeability.** 079193
Effects of kinetin on **permeability** of **Allium** 078123
effect of calcium on **permeability changes** in 079329
interventions for **excessive permeability** of 075514
Permeability of **first**-stage larvae of Hypode- 080381
Response of P-Q [**permeability quotient**] in- 075452
a thin zone of **reduced permeability.** 081110
of abscisic acid on **senescence, permeability** 078097
on restoration of **permeability** to **water** of so- 081148

PERONOSPORA
Matsukawa & Mito-3. [**Peronospora tabacina**] 077035

PEROSIS
Perosis of **chicks** on diet with unbalanced e- 076026
T.S.65). [**Perosis, Mycoplasma** meleagridis] 075833
Perosis in **turkeys.** 076052

PEROXIDASES
Activity of **peroxidase** & **alkaline** phosphata- 075604
Proposed model for **peroxidase-catalyzed** ox- 078126
Studies on **horseradish peroxidase.** XIII. ki- 077381
Iso-peroxidases in tomato leaves infested wi- 079850
activity of catalase & **peroxidase** in **rabbit** b- 074818

PERSIMMON
Persimmon, Diospyros virginiana, Ebony fa- 078763

PERSONNEL
Streptococcus faecalis on hands of **personnel** 073656
Certification of vector **control personnel** in 079981
Role of **field personnel** in coming era of land 079955

PESTICIDES
Exposure of spraymen to **pesticides.** 080052
oeganizes for Project Safeguard. [**Pesticides** 080070
1972 Report of **pesticides.** 080078
Do we have to live with **pesticides?** 080107
small annual variation in use of **pesticides.** 080116
for environmental study of **pesticides:** deter- 080135
Health hazards. [**Pesticides**]. 080150
How much spray is right amount? [**Pesticid-s**] 080940
term effect of **pesticides** on some **Acarina** p- 079867
Prohibition **against pesticides** in agriculture 073491
Evaluation of **pesticides against** stored prod- 079935
Prohibition **against pesticides** in agriculture 080117
Legislation of **pesticides** in **agriculture.** 080064
residues of temik **aldicarb pesticide** in cotton 080086
International **Pesticides Analytical** Council. 080059
soil as influenced by **pesticide application.** 081065
Trend of **pesticides applicator** in study. 080806
Regulation of **pesticides** in **Argentina.** 073501
containing **chlorinated pesticides.** 080053
of several **chlorinated pesticides** by AOAC[080056
Residues of organi-**chlorine pesticides** in sa- 073691
in egg shell quality & **pesticide content** of l- 075061
Residues of **pesticides** in **edible** fats. II. Eli- 080075
Pesticides & **environment.** 080106
New **pesticides** used in **field** of plant protect- 079377
Detection of naturally **fluorescent pesticides** 080099
in development of mercury-**free pesticides.** 080123
Protective clothing for **hazardous pesticides** 080114
Prospects of **pesticides** in **Indian** agriculture 080121
of Collaborative **International Pesticides** An- 080059
resources. [Water, **land, pesticides**]. 081876
distribution of some **pesticides** in **lipid** fract- 080146
affecting organochlorine **pesticide metaboli-m** 074640
of **pesticides** & their **metabolites.** 080085
Interference of some **pesticides** in **milk** pho- 073945
for low levels of **organochlorine pesticide** re- 073584
factors affecting **organochlorine pesticide** m- 074640
for low levels of **organochlorine pesticide** re- 080058
factors affecting **organochlorine pesticide** m- 080088
certain **organophosphorus pesticides** in fruits 073690
Pesticidal pollution of water. 081838
Pesticides residues in foods--their need, pre- 073660
levels of organochlorine **pesticide residures** 073584
Chlorodioxins in **pesticides, soils,** & plants. 080101
A screen for **pesticide toxicity** to protein & 080083
carbamate, toluidine & **urea pesticides.** 080136
Pesticides in **Utah**'s water: A Preliminary r- 080142
survey on mutagenicity of **various pesticides.** 080069
Pesticide volatilization as related to water l- 080104
Evaluation of **pesticides** from **work** hygiene 080141

PESTS
counting & classification of insects. [**Pests**] 079671
ecology of grain bug & control of this **pest** 079690
Soybeans protection **against pests** & diseases 079380
War **against pests.** use of natural enemies, r- 079639
Diptera: Agromyzidae): a **pest** of **alfalfa** new 079698
1973 **Apple pest** control. 079214
neglected "good guys". [**Pests, biological** co- 079638
problem" out of ordinary. [**Birds, Pests,** con- 079225
A problem of starling "guano"! [**Birds, pests**] 079264
of overwintering adults of **cereal pest** (Eury- 079757
Chemical pest control needs overhauling. [I- 079661
1973 **Cherry pest** control. 079215
Citrus pests. [Insects]. 079817
Some new data **concerning pest** control in s- 079738
of cereals & flour with **pest control** products 073619
Pest control in corn & soybeans: weeds, ins- 079213
1973 Apple **pest control.** 079214
1973 Cherry **pest control.** 079215
1973 Strawberry **pest control.** 079216
out of ordinary. [Birds, **Pests, control**]. 079225
Pest control for commercial foliage nurseries 079271
Disease & **pest control** in gooseberry produc- 079287
Turfgrass **pest control.** 079299
practice of an integrated **pest control** in agr- 079640
Chemical **pest control** needs overhauling. [I- 079661
Some new data concerning **pest control** in s- 079738
oil palm plantations. [Insect, **pests, control**] 079836
Pest control chart for ornamentals in home 079837
in Nordland is ominous. [**Pest control**]. 080025
of cereals & flour with **pest control** products 080073
of actions aiming at **controlling pests** & dise- 079378
Cotton pest management: a systems approa- 079261
field relationship. [**Cotton pests**]. 079751
County Scouting Program. [**Cotton, pests**]. 079752
A fugue for aphids. [**Crop pests,** India]. 079679
Diseases & **pests** of **currants.** 079286
Lepidoptera: Noctuidae): a **destructive pest** 079834
Machinery for **pest disease** control. [Plant 080982
New **pests** & **diseases** of strawberries. 079333
Pests & **diseases** in culture of sugar beets. 079338
of integrated control of **pests** & **diseases** in 079375
of integrated control of **pests** & **diseases** in 079739
Weather, growth of grapes, **diseases, pests** 078197
Your no. 1 enemy. [**Food, pests**]. 079926
Coleoptera, Lymexylonidae). [**Forests, pests** 079898
discovered in South Africa, [**Friut, pests**]. 079830
Pest identification from air, or finding insec- 079622
A fugue for aphids. [Crop **pests, India**]. 079679
prospects for introduction of its **insect pests** 079553
relation to integrated control. [**Insect pests**] 079647
evaluation of natural enemies. [**Insect pests,** 079648
response of predators. [**Insect pests,** natural 079650
Control of **insect pests** on peppermint. [Me- 079659
Insect pests of medicinal plants in Bulgaria. 079666
New **insect pest** threaten alfalfa. [Otiorhyn- 079730
Badajoz) during 1971. [Apples, **insect pests**] 079780
Insect pests of fruit in south-west of Quebec 079802
in South Africa. [Fruit, **insect pests**]. 079829
in oil palm plantations. [**Insect, pests,** contr- 079836
Major forests **insect pests** in Quebec in 197 079886
of timber storage for control of **insect pests** 079897
Insect pests of Pinus stands in Poland. 079908
Insects pests of vegetable crops in south-we- 079801
personnel in California. [**Insects, pests**]. 079981
Theory & practice of an **integrated pest** con- 079640
Integrated pest management of apple insects 079811
Cotton **pest management:** a systems approa- 079261
Integrated **pest management** of apple insects 079811
Control of insect & **mite pests** of commercial 079859
of Trisetacus gemmavitians, a new **mite pest** 079904
of natural enemies. [Insect **pests, natural** co- 079648
response of predators. [Insect **pests, natural** 079650
Nematodes--pests of cultivated plants. 079395
Controlling **pantry pests.** [Insects]. 079920
Avoidance of **pests** & **pathogens** by good hyg- 079337
in Quebec in 1972. [**Plants, pests**]. 079634
Problems of fight against **potato pests.** [Lep- 079761
Biological control of some **rice pests** in Col- 079727
Carbofuran for control of **pests** of **rice.** 079729
Investigation of **pest status** of Ygus hesperus 079753
to phosphine. [Wheat, **storage pests**]. 079928
Tenebroides mauritanicus, **Storage pests**]. 079933
1973 **Strawberry pest** control. 079216
discovery of a new **pest** of **sugarcane:** Report 079693
New insect **pest threaten** alfalfa. [Otiorhyn- 079730
on this predator of **tobacco pests.** 079705
by nematodes of coniferous tree **trunk pests** 079232
Turfgrass pest control. 079299
Pests of **wheat** crop & their control. [India] 079724

PETIOLES
dosages by ionometer in **cotton petioles.** 077716

PETROLEUM
Efficacy of **fortified petroleum** oils as mosqu- 079967
mineral fertilizers & **petroleum-based growth** 077720
Field evaluation of **petroleum oils** for control 079966
Distribution of **petroleum products** in 1971. 080785

PETUNIA
pseudo-self-compatibility in **Petunia hybrida** 077129
of Petunia inflata & **Petunia hybrida.** 078100
transmitting tissue from **Petunia pistils** labe- 076880
temperatures on growth of **Petunia, Tagetes,** 078034

PEUCEDANUM
of selected species of **genus Peucedanum** L. 076968

PEZIZALES
fungi. III. genus Psilopezia (**Pezizales**). 076612

PHAEOPHYCEAE
Cystoseira (**Phaeophyceae-Fucales:** Culture 077413

PHANEROGAM
on systematy of **Malayan phanerogams.** XI 076679

PHARMACEUTICS
uses of fruit constituents as **pharmaceuticals** 074267
extracts for **pharmaceutical industry.** 074308
plant oils used in **pharmaceutical technology** 074132

PHARMACOLOGY
applications above of all **pharmacological** as- 076016

PHARYNGEAL
SEE PHARYNX

PHARYNX
vagus nerve. Centres of **pharyngeal branches** 074709

PHASEOLUS
transmannosylase from **Phaseolus aureus.** [078031
of five varieties of mungo, **Phaseolus aureus** 079765
diversity in **phaseolus sublobatus** Roxb. 076919
pods & seeds of beans (**Phaseolus vulgaris** L 074204
Natural hybridization in **Phaseolus vulgaris** 077027
mitochondria of **Phaseolus vulgaris.** [Kidney 078130
of black kidney beans (**Phaseolus vulgaris** L 078621
varieties of bean (**Phaseolus vulgaris** L.) to 079146
of ozone injury to **Phaseolus vulgaris** L. with 079306

PHASES
Sugar beet breeding in a new **phase.** [USSR 077123
Phases of **anthropogene** changes of landscape 081796
nitric acid vapour (vapour **phase oxidation**(. 076594
analysis of **particulate phase** of cigarette sm- 077929
of planting methods & **ripening phases** on y- 077910
Some **soil phases** in Missouri Ozarks have s- 076332
Water in **vapour phase** & its interactions wi- 073844
mosaic mutants in **various phases** of cell cyc- 077101

PHASIANIDAE
towards grey partridge (**Perdix perdix** L.) & 079242

PHENANTHROLINE
Adaptation of o-**phenanthroline method** for 073917

PHENOLOGY
Phenological observations in Zaragoza. [Fru- 076823
Regional phenological studies with Persian l- 078089

PHENOLS
phycocyanin produced by **phenol & benzene.** 077324
Phenolic compounds of subfamily Pomoideae 076748
urticae Koch to **phenolic compounds** of stra- 079876
of ethanol-insoluble, **phenolic esters** in Men- 077503
of western hemlock **phenolic extractives** in 076529
enzymes bound to a **phenol-formaldehyde** re- 073942
acid-1-14C [carbon] & **phenol-induces** auxin 077992
Oxidative degradation of **phenolic lignin** mo- 076538
Purification & properties of a **phenol oxidase** 080244
Role of **phenolic resin** in imparting properti- 076521
Gluing with **phenolic resins.** 076473
on content of **phenolic substances** in leaves 077700

PHENOTYPES
development of **phenotypes** in **Haemonchus** 075709
Phenotypic selection in pig breeding due to 075328

PHENOXY
Effects of **phenoxy herbicides** on yield of fir- 079572

PHENYL
l-**phenyl**-1,2,3,4-**tetrahydroisoquinolines** from 077971

PHENYLACETATES
hydroxybenzoic acid from **phenylacetic acid** 078942

PHENYLALANINE
Review article **phenylalanine ammonia** lyase 077523
in properties of **phenylalanine ammonia**-lya- 078136
Study of influence of **DL-phenylalanine** on 077700
reassociation & **phenylalanine incorporation** 077707

14c-**phenylalanine incorporation** by wheat-s- 077708
Phenylalanine & tyrosine ammonia-lyase act- 079344

PHENYLALANYL
of enzymatic binding of **phenylalanyl-tRNA** 077871

PHENYLETHYL
6-**Phenylethyl**-5,6-**dihydro**-2-pyrones from A- 077513

PHENYLMERCURIC
biotransformation of **phenylmercuric acetate** 080048

PHEROMONES
Pheromones aggregating workers of Myrmi- 080327
a novel type of **pheromone attractive** to Pha- 079989
maturation & **pheromone release** in flour m- 080412
Role of **sex pheromone,** & its insignificance 080249
Isolation & structure of **sex-pheromone** of 080323
of a proposed codling moth **sex pheromone.** 080436
Use of synthesized **sexual pheromones** for t- 079796
Identification of six **trail pheromones** of ant 080273

PHILAENUS
in some North **American philaenus** spumari- 080172

PHLEUM
its breeding implication. [**Phleum**]. 077131
I. Vitamin requirement for growth, [**Phleum** 078999
on yield of seed plants of **Phleum & Festuca** 081304
timothy for pasture. [**Lolium, Phleum**]. 078328
tall fescue. [**Phleum pratense,** Dactylis glo- 077645
Timothy plus". [**Phleum pratense,** research] 078324

PHLOEM
energy metabolism in **phloem** of **Cucurbita** 078139

PHOMA
Phoma herbarum Westend.: a pathogen of A- 078963

PHOMOPSIS
Ecological studies on **peach Phomopsis** rot. 078931

PHORMIDIUM
crystals from a blue-green **alga, Phormidium** 077539

PHOSPHATASES
On multiple forms of **acid phosphatase** in pig 074621
control of isozymes of **acid phosphatase** in 077147
isoenzymes of wheat germ **acid phosphatase** 077874
Acid phosphatase of maize leaves; chromato- 077920
on alkaline **phosphatase activity** of leucocyt- 074784
adsorption in soil **phosphatase activity** dete- 081003
Production of **alkaline phosphatase** & secret- 075602
of peroxidase & **alkaline phosphatase** in mig- 075604
Determination of **alkaline phosphatase** in bl- 076099
blood sugar & **glucose-6-phosphatase** of broi- 074809
Studies on **phosphatase** in **milk.** I. Applicati- 073677
of some pesticides in **milk phosphatase** past- 073945
Phosphatases from **rice** bran. 074153
specificity of glycogen **synthase phosphatase** 074558

PHOSPHATES
between rate of **phosphate absorption** & pro- 077409
Method of **phosphate application** for wheat 081482
Effectiveness of **binary superphosphates** on 081413
determination of **codeine phosphate** in pine 078215
in glucose 6-**phosphate cycloaldolase** of Acer 078232
glyceraldehyde-3-**phosphate dehydrogenase** 077622
D-glyceraldehyde-3-**phosphate dehydrogenase** 078137
N-hydroxynaphthalimide **diethyl phosphate** 076126
nicotinamide adenine **dinucleotide phosphate** 077532
adenine **dinucleotide phosphate**[Linked glyc- 077622
nicotinamide adenine **dinucleotide phosphate** 078127
Note on inorganic **phosphate distribution** in 081376
physical properties of **phosphates** on **energy** 075054
of rate & method of **phosphate fertilization** 081358
soil after 82 years of **phosphate fertilization** 081393
red soils treated with **phosphatic fertilizers** 081092
as related to inorganic **phosphate fractions** 081072
carboxylases by **glucose-6-phosphate:** a part- 077542
adenine dinucleotide] in **glucose 6-phosphate** 078232
Linked **glyceraldehyde-3-phosphate** dehydro- 077622
pea shoots by **L-glyceraldehyde-3-phosphate** 078137
application of **superphosphate** on **growth** of 075075
as related to **inorganic phosphate** fractions 081072
Note on **inorganic phosphate** distribution in 081376
direct application of **phosphate** to **legumes** 081377
for GDP-D-mannose: **lipid phosphate** trans- 078031
Phosphate manuring of soybean & its effect 081385
study of functions of **metal phosphate** poly- 077309
of determining amount of **mobile phosphates** 081153
relative to amount of **mobile phosphates** in 081411
of functions of metal **phosphate polymers** & 077309
Lime & **phosphate potentials** of soils. 081097
phosphorus & **phosphate potentials** for sandy 081134
synthesis of **ribonucleoside-5'-phosphates** fr- 077496
references to utilization of **rock phosphate** 077451
of improving qualities of **phosphate rock.** 081409
phosphate on utilization of **rock phosphate** 078075
of applied water **soluble phosphate** in latoso- 081094
of aluminium on **phosphate sorption** by who- 077688
adenine dinucleotide **phosphate-specific** glut- 077532
synthesis during **phosphate starvation** in Ch- 077409
De novo synthesis of **sucrose 6-phosphate** s- 077865
Toxic effect of some **phosphate supplements** 076115
synthesis of sucrose 6-**phosphate synthetase** 077865
mannose: lipid **phosphate transmannosylase** 078031
distribution pattern & **phosphate uptake** rate 077943
Phosphate uptake & distribution in bush be- 077986

PHOSPHINE
stages of Sitophilus granarius to **phosphine.** 079928
three insects to sublethal doses of **phosphine** 079933

PHOSPHODIESTERASES
phosphodiesterase activities during axenic g- 077357

PHOSPHOENOLPYRUVATE
on **phosphoenolpyruvate carboxylase** & mala- 077846
phosphoenolpyruvate during **photosynthetic** 077336

PHOSPHOGLUCONATE
phosphogluconate dehydrogenase. I. Purifica- 077436
phosphogluconate dehydrogenase. II. Prope- 077437

PHOSPHOKINASES
of isoenzymes of **creatine phosphokinase** & 074585

PHOSPHOLIPASES
Phospholipase C of **Pseudomonas** chlororap- 080257

PHOSPHOLIPIDS
phosphorus] incorporation into **phospholipids** 077840
phospholipids & **phospholipid fraction** in se- 074704
of penicillamine on **phospholipid metabolism** 073786

PHOSPHONIC
by 2(chloroethyl) **phosphonic acid,** 2,3,5-tri- 078095

PHOSPHORIC
superphosphates on **superphosphoric acid.** [081413

PHOSPHOROTHIONATE
trichloro-2-**pyridyl phosphorothioate**) to lay- 076140

PHOSPHORUS
for barley as influenced by P [**phosphorus**] 077665
leaves. III. Efflux & 32 P [**phosphorus**] inc- 077840
max (L.) Merr.] to nitrogen & **phosphorus.** 081381
to graded doses of nitrogen & **phosphorus.** 081428
slurry from wet-process **phosphoric acid.** [F- 081396
Utilization of **added phosphorus** by potato in 078047
transformation of **added phosphorus** in soil 081093
chemistry of **phosphorus** in an **albaqualf** soil 081393
chemosterilants. XII. **Phosphorus amides.** 079646
Effect of **anticipated Phosphorus** & Potassi- 077886
on availability of soil & **applied phosphorus** 081387
chick bioassay for **phosphorus availability** of 075046
for determination of **available phosphorus** in 081043
Available phosphorus as related to inorganic 081072
Phosphorus build up & its influence on phys- 081438
manganese, ash, **calcium, phosphorus,** zinc 076006
acid-soluble **phosphorus compounds** in plants 077295
Energy **phosphoric compounds** in plants. II. 077416
of amount of **phosphorus compounds** in roots 077609
of residual **phosphorus compounds** in black 081092
Organic **phosphorus compounds** of a northe- 081433
to determination of **phosphorus content** in b- 074683
of calcium & **phosphorus** on **development** of 075068
Effect of endotoxin & **dietary phosphorus** on 075689
Phosphorus distribution in different particle 081190
Energy phosphoric compounds in plants. II. 077416
between resin-**extractable phosphorus** & pho- 081134
Influence of **phosphorus fertilization** on yield 078781
Nitrogen & **phosphorous fertilization** of wh- 081275
Influence of **phosphorus fertilization** on yield 081468
Uptake of **fertilizer phosphorus** by Chernoz- 081192
Source of **phosphorus fertilizer** for wheat pr- 081483
Determination of **phosphorus fertilizer** appli- 081492
Effect of **phosphorus fertilizers** on grain cro- 081305
application dates of **phosphorus fertilizers.** 081406
Effect of **phosphorus fertilizers** on spring w- 081411
fluctuations of soil **phosphorus fractions** dur- 081427
Content of **phosphorus** in **grain** of some whe- 074234
Forms of **inorganic phosphorus** in medium b- 081095
Inorganic phosphorus transformation in Dh- 081384
calcium, magnesium & **phosphorus intakes** on 075031
of insulin deficiency on **phosphorus level** of 074713
Nitrogen & **phosphorus losses** in surface ru- 081520
New **phosphorus mineral** supplements in fe- 075148
relative to amount of **mobile phosphorus** in 081305
methods for **nitrogen, phosphorus** & potassi- 077394
state on amount of **phosphorus & nitrogen** c- 077831
Variation in content of **nitrogen, phosphorus** 078067
Effect of **nitrogen, phosphorus** & potassium 078070
Effect of N,P,K [**nitrogen, phosphorus,** pota- 078162
of plant spacings, **nitrogen, phosphorus** & p- 078368
effectiveness of NPK [**Nitrogen, phosphorus** 078572
Content of **nitrogen, phosphoric** pentoxide 078739
Dynamics of mobile **nitrogen, phosphorus &** 081030
of increasing doses of **nitrogen, phosphorus** 081292
of plant spacings, **nitrogen, phosphorus** & p- 081382
Effect of N,P,K [**nitrogen, phosphorus,** pota- 081478
of hybrid pearl-millet to **nitrogen, phosphor-s** 078365
methods for determining **organic phosphorus** 081229
Organic phosphorus compounds of a northe- 081433
Content of nitrogen, **phosphoric pentoxide** 078739
of berseem to **phosphorus placement.** [Egypt- 081379
to utilization of **phosphorus** from **plant** feed- 075069
content of nitrogen, **phosphorus, potassium** 078067
Dynamics of **phosphorus & potassium** meta- 078068
of N,P,K [nitrogen, **phosphorus, potassium**] 078162
of NPK [Nitrogen, **phosphorus, potassium**] 078572
urea NPK [nitrogen, **phosphorus, potassium** 081323
of N,P,K [nitrogen, **phosphorus, potassium**] 081478
slurry from wet-**process phosphoric** acid. [F- 081396
of **phosphorus** 32 **radioacitivity** in tobacco p- 077735
Truog method with **phosphorus requirement** 081492
Fractionation of **residual phosphorus** compo- 081092
Concentration of **phosphorus** in **seed** of wint- 077904
Availability fluctuations of **soil phosphorus** f- 081427
Calibration of available **soil phosphorus** val- 081492
mineral compounds of **phosphorus** in **soils.** 081008
of extracting acid-**soluble phosphorus** comp- 077295
influencing status of **phosphorus** in **surface** s- 081365
Effect of nitrogen & **phosphorus top** dressing 081465
esterous, lipidic, residual & **total phosphorus** 075392
Inorganic **phosphorus transformation** in Dh- 081384
of available soil **phosphorus values** found wi- 081492
manganese, ash, calcium, **phosphorus, zinc** 076006

PHOSPHORYLASES
heart: Action on **phosphorylase** a & **histone** 074558
less form of potato **phosphorylase possible** i- 078159

PHOSPHORYLATION
Thymidine-**phosphorylating activity** in gam- 077866
of respiration, **oxidative phosphorylation** & 078132
Effect of **phosphorylation** on **size** of proton 078032

PHOTO
type classification proposed for **aerial photo-** 076265
Bias from **photo intensity.** [Forest surveys] 076293

PHOTOCHEMISTRY
On nature of primary **photochemical act** of 077310
Study of **photochemical activity** of chloropla- 077832
Photodecomposition of **herbicide** methazole. 079479

PHOTODECOMPOSITION
SEE PHOTOCHEMISTRY

PHOTOGRAPHY
agriculture & forestry. [**Aerial photography**] 072627
Aerial photography inventory of vegetation 076178
agriculture & forestry. [**Aerial photography**] 076239
viewer for microscale **aerial photography.** [076329
Aerial photography in mosquito control. 080031
problems of utilization of **air photographs** in 072689
On possible use of **photographs** from **space** 081806
Interpretation of **photography & techniques** 081540

PHOTOHETEROTROPHIC
bacteria (algae): **photoheterotrophic growht** 077433
bacteria (algae): **photoheterotrophic growth** 077434

PHOTOMETRY
for flame **photometric determination** of calc- 073934
in Brassica seeds. **Photometric estimation** of 077993
of guard cell potassium by **flame photometry** 076905
in soil. II. **Fluorescent photometry** of forest- 081057

PHOTOMORPHOGENESIS
Photomorphogenesis of **gametophytes** of Ly- 076892

PHOTOPERIODISM
II. Increasing & **decreasing photoperiods** & 080154
Effect of **photoperiod & temperature** of ovar- 080317

PHOTOPHOSPHORYLATION
by **photophosphorylation** in **Ankistrodesmus** 077332
Role of **cyclic photophosphorylation** in vivo. 077531

PHOTOSYNTHESIS
operative in C4 pathway of **photosynthesis.** 077327
annual & perennial crops. [**Photosynthesis**]. 077474
two plant species for **photosynthetic active** 077395
On **active photosynthetic** energy; its use by 077684
Light interception, **photosynthetic activity,** 077763
Assessing photosynthetic limitation to grain 077685
interception & **photosynthesis** in **Calluna.** 077431
Distribution of **photosynthate** in **Calluna** vu- 077432
Photosynthetic carbon monoxide metabolixm 077876
of early products of **photosynthetic carbon** f- 079209
Photosynthetic characteristics of modern & 077689
metabolites on **photosynthesis & chlorophyll** 077937
conditions & **photosynthesis** in **cotton** as aff- 077720
On active **photosynthetic energy;** its use by 077684
measurement of **photosynthesis** in **forage** pl- 077793
during **photosynthetic induction** period in C- 077336
crop yield, **photosynthesis intensity** & activi- 077564
Light **interception, photosynthetic** activity, 077763
Assessing **photosynthetic limitation** to grain 077685
technique for **photosynthetic mutants** of hig- 077546
Diurnal trends in **net photosynthetic rate** & 077857
in leaves with **C4 pathway photosynthesis.** 077326

chambers. [**Plants, photosynthesis**]. 077568
Large-scale **photosynthetic production** of ca- 077693
Diurnal trends in net **photosynthetic rate** & 077857
Mechanisms **regulating photosynthesis** in P- 077691
conditions.[**photosynthesis, respiration**]. 077947
Large-scale **photosynthetic** production of ca- 077693
spectrum of **photosynthesis** for **Skeletonema** 077482
of wind on **photosynthesis** & **transpiration** of 077841
between crop **yield, photosynthesis** intensity 077564
Photosynthesis & **yield:** pot experiment with 077717

PHOTOSYSTEMS
Photosystem ii **activity** & pigment-protein c- 078129

PHOTOTAXIS
SEE PHOTOTROPISM

PHOTOTROPISM
Phototaxis in **Drosophila:** a critical evaluati- 080176
effector system of **phototaxis** in **Euglena.** [G- 077286

PHRAGMITES
different ecotypes of **Phragmites communis.** 076927

PHYCOCYANIN
aggregation of C-**phycocyanin produced** by 077324

PHYCOMYCETES
Pathogenic Phycomycetes of man & animals 075671

PHYLLODY
to epidemiological study of a **phyllody** (cott- 079162

PHYLLOSTACHYS
of Makinoi bamboo (**Phyllostachys makinoi** 078887

PHYLLOSTICTA
leaf blight of maize leaf (**Phyllosticta zeae** 079067

PHYMATOTRICHUM
Phymatotrichum [omnivorum] root rot. [Co- 079109
studies on **Phymatotrichum omnivorum.** III. 077470

PHYSARUM
secundatum, **Physarum cinereum**]. 078894
motile systems. [**Physarum polycephalum**]. 076883
requirement in **Physarum polycephalum.** 077078
slime mold strand. [**Physarum polycephalum**] 077277
motile systems. [**Physarum polycephalum**]. 077284
Myosin from **Physarum polycephalum.** 077287
in slime mold. **Physarum polycephalum.** 077351

PHYSICOCHEMISTRY
Physicochemical & micromorphological feat- 081251
Effect of **physicochemical mutagens** on micr- 076889
globulins & their **physicochemical properties** 074673

PHYSICS
Soil physics study of a surface water gleyed 081058
Soil physics. 3. Basic knowledge for agricul- 081155
Soil physics--theory & practice. 081163
Modified Fernow Frost Gage. [**Soil physics**] 081230
Aspects of plant cultivation & **soil physics** in 081565

PHYSIOLOGY
On **physiological activity** of sandy substrates 078804
animal **physiological adjustment** to mineral 074870
Genetical & **physiological analysis** of pseudo 077129
metabolic responses & **animal physiological** 074870
Physiological basis for increasing rate of usi- 075423
organic compounds in **physiology** of **blue**-gr- 077433
organic compounds in **physiology** of **blue**-gr- 077434
Cell physiological & biochemical study of P- 076218
Certain physiological factors affecting organ- 074640
Effect of gibberellin on **certain physiological** 077828
on rate of change of **certain physiological** in- 078236
monuron & linuron on **certain physiological** 079410
Certain physiological factors affecting organ- 080088
with trace elements in **certain physiological** 081194
air in poultry houses on **certain physiological** 074823
Physiologic changes affecting anesthetic ma- 075551
On **physiological compatibility** of different f- 079363
dog heart in **physiological conditions** & duri- 074514
in different **physiological conditions** & after 075798
in different **physiological conditions** & after 075799
in different **physiological conditions** & after 075803
Physiological differences among populations 077764
Physiological differences among populations 077765
parameters in **different physiological** conditi- 075798
parameters in **different physiological** conditi- 075799
parameters in **different physiological** conditi- 075803
Modern apple **disease**--**physiological** stains. 079407
Studies on **physiological effect** of humic acid 077785
Physiological effects of mucus from wood w- 078202
Physiological effects of dalapon in Cynodon 079591
Physiological effects of bromacil on kentuc- 079606
Physiological effects of mucus from wood w- 079884
Physiological estimate of urea concentrates 074706
Certain **physiological factors** affecting organ- 074640
gibberellin on certain **physiological features** 077828
Studies on **physiology** of **flowering** & fruit g- 077974
Physiological foundations of joint action of 077563
Investigation of **fruit physiology** at Pomolog- 078063
Physiological & genetic response of Pinus st- 076219
houses on certain **physiological indices** of bl- 074823
of change of certain **physiological indices** of 078236
control mechanisms. [**Lalnts, physiology**]. 077538
Physiological & mathematical study of grow- 077431
Physiological & mathematical study of grow- 077432
Physiological & morphoanatomical modificat- 078189
Physiological & morphological features of so- 077820
Role of selenium in **neural physiology** of avi- 074752
Physiological & nutritional consequences of 074629
chlamydospores of **physiologic races** of Fusa- 078902
Physiologic races of crown rust (Puccinia co- 078949
Physiologic races of wheat black rust (Pucc- 078950
Physiology of **rice** plant. 077922
Physiologic specialization of oat crown rust 078953
Modern apple disease--**physiological stains.** 079407
Physiological studies on Phymatotrichum o- 077470
Physiological studies on available carbohydr- 077789
Plant growth & **physiology** of **vegetables** as 078023
Biochemistry & **physiology** of **Verticillium** w- 079103

PHYTOCHEMISTRY
contribution to **Argentine phytochemical** bib- 076686
anno 1972. [**Phytochemistry, drug** plants]. 077554
Phytochemical investigation of Erigeron cri- 077556
Phytochemical studies of herb of Veronica o- 077275

PHYTOCHROMES
III. Transport model for **phytochrome** action 077272
Molecular properties of **phytochrome.** [Chr- 077616
Immunochemistry of **phytochrome.** [Oats, c- 077861
Phytochrome: first-order phototransformati- 078145
A rapid **phytochrome-dependent** reduction of 078127
Phytochrome distribution in Avena seedlings 077873
Purification of **photoreversible phytochrome** 077869
Purification of oat & **rye phytochrome.** 077859
characterization of oat & **rye phytochrome.** 077860

PHYTOGEOGRAPHY
regional area of **phytogeographic indicators** 076845

PHYTOHORMONES
with testing & licensing of **phytohormones** (077595

PHYTOPATHOGENS
by Erwina carotovora. [**Phytopathogens**]. 079125
of cell walls by **phytopathogenic fungi.** [Col- 078909
among **phytopathogenic Pseudomonas** species 079128

PHYTOPATHOLOGY
Laboratory of **Phytopathology, Agricultural** 078951

PHYTOPHAGOUS
in system: Food plant--**phytophagous insect.** 080461

PHYTOPHTHORA
Another species of **Phytophthora** on **avocado** 078935
tabaci, Thielaviopsis **basicola, Phytophthora** 077034
of Fallbrook. [**Phytophthora cinnamomi**]. 078936
program. [**Phytophthora cinnamomi**]. 078938
of potatoes to **Phytophthora infestans** de ba- 079057
pod epidemiology. [**Phytophthora palmivora** 078954

PHYTOPLANKTONS
Study of **phytoplankton** on **continental** plat- 076862
Effect of **phytoplankton culture** on germinat- 077661
Phytoplankton distribution & hydrological s- 076863
DDT residues in **marine phytoplankton.** 080133

PHYTOSANITARY
concentration by **phytosanitary measures.** 078301
Index of **phytosanitary products.** IX edition: 079265
plant protection & **phytosanitary quarantine** 079379
Incidence of **phytosanitary treatments** on c- 073597

PHYTOSEIULUS
Tetranychus urticae. **Phytoseiulus persimilis** 079674
Phytoseiulus persimilis Athias-Henriot in s- 080651

PHYTOSOCIOLOGY
of theory for information in **phytosociology.** 076841

PHYTOSTEROL
Physcion & **phytosterol** from **roots** of Cassia 077515
biosynthesis of **phytosterols** in **tobacco.** 077132

PHYTOTOXIC
function of **phytotoxic glycopeptides** & other 076766
disorders of peach. 2. **Phytotoxic substance** 079117

PHYTOTOXICITY
Dissipation & **phytotoxicity** of **dicamba** resi- 079485

PICEA
Cultivation of European spruce. [**Picea**]. 076372
important spruce trees in Canada. [**Picea**]. 076379
after autumn planting of spruce. [**Picea**]. 076384
effect of growth stimulants on spruce. [**Picea**] 078211
biochemical study of **Picea abies** needles fu- 076218
aid for managment calculations. [**Picea abies**] 076259
stands in Czechoslovakia. [**Picea abies**]. 076282
old experimental plantation of **Picea abies.** 076367
cuttings. [Pseudotsuga menziezii, **picea abies**] 078213
biochemical study of **Picea abies** needles fu- 078239
Cultivation of Norway spruce (**Picea abies**). 078862
stands in different locations. [**Picea abies**]. 078970
trunk pests in USSR. [Pinus, **Picea, Abies**] 079232
fumiferana, Abies **balsamea, Picea**]. 079913
Phytopathological aspects of **breeding Picea** 078968
traps for spruce beetles. [**Picea engelmanni,** 079888
Death in **Picea excelsa** at Gallio (Asiago, It- 078989
growth rates in white spruce. [**Picea glauca,** 076338
Genetics of white spruce. [**Picea glauca**]. 076403
in Polyporus tomentosus. [**Picea glauca,** sta- 078941
of coniferous seedlings. [Pinus, **Larix, Picea**] 079234
fir cuttings. [Pseudotsuga **menziezii, picea** a- 078213
locations of eastern spruce, **Picea orientalis** 076782
tree trunk pests in USSR. [**Pinus, Picea,** Ab- 079232
Fir Seed Orchard Program. [**Picea, Rabies**] 076414
aspects of breeding **Picea resistant** to Fomes 078968
with Larix leptolepis & **Picea sitchensis** in 076360
New locations of eastern **spruce, Picea** orien- 076782

PICKLING
Mechanization of **pickling cucumber** culture 080886
during canning & **pickling** as **influenced** by 074279

PIED
of young Tombov Red, **Black Pied** & Simm- 074485
testing of Charolais & German **Black-Pied** 075374
productivity of cows of **Black Pied** & Ayrshi- 075421
Preliminary evaluation of **Black Pied** bulls 075434
development of ovaries of Czech **Pied breed.** 074759
to carcass value of Czech Re: **Pied bullocks** 074777
technological analysis of Czech **Pied cattle** 074038
with singles of Czech Red **Pied cattle.** 074776
Cows, Czech Red **Pied, Danish** Red]. 075329
of dairy cows. [Czech **Red Pied**]. 075331

PIEDMONT
function in cattle of **Piedmont breed.** 075198

PIERIDAE
Pieris brassicae (L.) (Lepidoptera: **Pieridae**) 080415

PIERIS
Respiration features of **Pieris brassicae** (L.) 080232
system & perilemma of **Pieris brassicae** (L.) 080415
by two species of Apanteles. [**Pieris rapae**]. 079805
systemic insecticides on eggs of **Pieris rapae** 079826

PIGEONPEAS
Genetic studies in **pigeonpea.** XIV. Round l- 077154
Cajanus cajan (L.) Millsp.). [**Pigeonpeas**]. 077159
wild tur & Sannhemp. [**Pigeonpeas, sunn** cr- 081208

PIGEONS
in telencephalon of chicken & **pigeon.** 074719
Shelter & equipment for **pigeons.** 080696
Practical aspects of **pigeon keeping.** II. Feed 074876
Natural crossing in **pigeon pea** [Cajanus caj- 077138
Studies on varietal resistance of **pigeon pea** 079728

PIGMENTS
chlorogenic acid & 14C-**brown pigments** in f- 077806
Carotenoid pigments of spider mite Tetrany- 080454
from progeny of chick retinal **pigment cells** 074694
Distribution of **pigments** of **chlorophyll** gro- 074203
for determination of total **pigment content** in 073922
of carotenoplasts, & **pigment contents** in pa- 077001
in steel mice: analysis of **pigment defect** by 075259
Poultry & **egg pigmentation.** 073676
of cow manure on **pigmentation** of **egg** yolks 075039
in Leguminosae iI. On **flower pigments** of 077377
characteristics of **fluorescent pigment** in tiss- 074662
proof of production of a **fluorescent pigment** 078910
of sulfur dioxide2 on **leaf pigments.** 079397
of growth & **pigmentation** of **phaeophycean** 077414
Photosystem ii activity & **pigment-protein** c- 078129
Dynamics of **pigments** & their **quantitative** 077679
Pigments & ultrastructure modifications in d- 077338
Relationship of **yolk pigmentation** to candled 075044

PIGS
factors on slaughter value indicators of **pigs** 074377
during behavioural thermoregulation in **pigs** 074508
respiratory & pulse rate of **pigs.** 074599
secretin and/or cholecystokinin in **pigs?** 074609
Development of digestive function in **piglet.** 074808
desaturation & fatty acid composition in **pig** 074952
of potato; digestibility studies with **pigs.** 074978
animal organism. I. Experiments with **pigs.** 075073
aspects of pre-fattening. [**Pigs**]. 075099
Advice on summer fattening of **pigs.** 075114
Advice on summer feeding of **pigs.** 075118
in early weaning technique. [**Piglets**]. 075138
of various types of maize cob silage to **pigs.** 075154
groups & some utility properties of **pigs.** 075177
Pilot trial with **pig** "Semen delivery service 075248
of testis during sexual development in **pig.** 075444
Bordetella bronchiseptica isolated from **pigs** 075636
antibody in eosinophil response of **piglet.** 075660
Differential diagnosis of diarrhea in **piglets.** 075667

prophylaxis of atrophic rhinitis in **pig.** 075682
of Ascaris lumbricoides (Nematoda). [**Pigs**] 075716
on immunological conflict in **pigs.** II. Detail- 075752
due to Trichinella spiralis invasions in **pigs** 075754
transmissible gastroenteritis (TGE) in **pigs.** 075762
to acquiring resistance in vitro. [**Pigs**]. 075797
in experimental enzootic pneumonia of **pigs** 075830
preparation based on Dechlorvos in **piglet.** 075845
Ill-timed alarm for protection of **pigs**? [Dis- 075859
against Erchericia coli diarrhoea in **pigs.** 075878
intestinal amino acid absorption in **piglets.** 075983
of an obese syndrome in **pig.** 076059
Stress & adrenocortical activity in **piglets.** 076104
Acute arsanilic acid intoxication in **pigs.** 076116
dehydrogenases in maxillary glands of **pigs.** 074666
nucleotides, & of flavins in tissues of **piglets** 074705
mortality in guinea pigs, rabbits & **pigs.** 075246
Some factors **affecting pig** survival. 074643
of organism in vaccinating baby **pigs against** 075968
Research of weaning of **piglets** at **age** of thr- 074438
Stall environment & production of **baby pigs** 074470
A system for production of **baby pigs.** 074471
utilization of nutrients by weaned **baby pigs** 074822
of blood serum in healthy **baby pigs** treated 074827
Metabolism in early-weaned **baby pigs.** 074850
extruder-processed soybeans in **baby pig** die- 074957
Control of edema disease of **baby pigs.** 075723
in cases of edema disease in **baby pigs.** 075940
of organism in vaccinating **baby pigs** against 075968
animal fat in feed mixtures for **bacon pigs.** 075103
Large White, Landrace & Large **Black pigs** 075333
Phenotypic selection in **pig breeding** due to 075328
parameters of newly organized **pig-breeding** 075346
results in implementing hybrid **pig breeding** 075360
of an industry-like **pig breeding** organization 075361
atrophic rhinitis in **pigs** in **Bulgaria.** 075887
concentrations in tissues of **pigs** & **calves.** 074811
Evaluating **pig carcases.** 074022
of valuable parts of fattened **pig carcasses** w- 074004
high-speed cooling of halved **pig carcasses.** 074005
expression of pain. [lameness, **cows, pigs,** d- 076011
Growth of **piglet crossbred** of various breeds 074765
lymphadenitis in **pigs** on **Darling** Downs. 075652
of pain. [lameness, cows, **pigs, dogs**]. 076011
telencephalon of wild boar & **domestic pig.** 074499
Sperm penetration of **pig eggs** in utero. 075282
Evaluating pig carcases. 074022
nutrition on performance of **pigs exposed** to 075726
titer in tissues of **pigs** after **exposure.** 075662
Some problems of **pig farming** in Czechoslo- 074462
against swine fever in large-scale **pig farms.** 075955
Percentage of valuable parts of **fattened pig** 074004
Buying & managing **feeder pigs.** 074429
control of sexual development of **female pigs** 075225
control of sexual development of **female pigs** 075226
of carcass value of **finishing pigs.** 074049
programs for growing & **finishing pigs.** 074905
bean meal in sole rations for **finishing pigs.** 075117
for keeping more weaners & **finishing pigs.** 080780
Gastric & caecal lesions in **pigs following** fe- 075123
Forecasting pig market situation: Evaluation 073151
levels & anaphylactic shock in **guinae pigs.** 076112
of ilk throughout lactation in **guinea pig** (C- 074589
dietary fluoride & magnesium in **guinea pigs** 074968
fluid on embryonic mortality in **guinea pigs,** 075246
veterinarian should know about **guinea pigs** 075566
Lesions of dermatophytosis in **guinea pigs** t- 075626
bone marrow cells. [**Guinea-pigs,** Salmonella 075689
response of chickens, rabbits & **guinea-pigs** 075832
anaphylactic shock in **guinea pigs.** 076111
material in vitamin C-defecient **guinea pigs** 073759
Interrupted high-speed cooling of **halved pig** 074005
An adjustable heat source for **piglet house:** 080791
II. rediscovery of Georyssus **humeralis Pic,** 080627
butcher hogs from early weaned **hybrid pigs** 072993
results in implementing **hybrid pig** breeding 075360
changes in lungs of **pigs infected** with Aujes- 075839
storage & disposal from **intensive pig** units. 081859
An ideal program for feeding of **lean pig.** 075098
Molecular weight of **pig liver** microsomal ca- 074542
forms of acid phosphatase in **pig liver.** 074621
Forecasting **pig market** situation: Evaluation 073151
of vegetation & soils at **Pic** du **Midi** de Bigo- 076873
properties of **pig** in **multiplication** centres & 075378
parameters of newly **organized pig**-breeding 075346
Effect of number of **pigs per** pen on perfor- 074455
of experimental pneumonia in **pigs produced** 075838
Tasks of **pig production** as seen from meat-p- 074463
Possibilities of rationalizing **pig production** 074467
in view of economics of **pig production.** 075032
embryonic mortality in guinea **pigs, rabbits** 075246
Possibilities of **rationalizing pig** production 074467
intestinal flora of artificially **reared piglets.** 074846
Sow productivity in **piglet rearing** farms of 074443
Resistance of **pigs recovered** from transmiss- 075621
of nutrients by weaned baby **pigs relative** to 074822
bone marrow cells. [Guinea-**pigs, Salmonella** 075689
vaccine against swine fever in large-**scale pig** 075955
Aujeszky's disease. [Rabbits, **sheep, pigs**]. 075889
gland activity in **piglets** under **shock** caused 074703
of feedstuff utilization in **pigs** at a **simple** ut- 074851
of slaughter properties in **pigs** at **simple** util- 075179
lactate in blood of **pigs** for **slaughter.** 074553
How can hog & **pig statistics** help you? 073369
prophylaxis of anaemia in **suckling piglets** by 076035
Some factors affecting **pig survival.** 074643
of blood serum in healthy baby **pigs treated** 074827
of dermatophytosis in guinea **pigs treated** wi- 075626
storage & disposal from intensive **pig units.** 081859
Agronomical use of **pig wastes** polluting wat- 081389
on weaning of **piglets** at three **weeks.** 074403
variations in body temperature in **young pig** 074699

PILE

Dry piling of logs & their mechanical debar- 076459
of wood chips stored in **outside piles.** 076526
preserving wood chips using **pile simulators** 076537

PILOT

acidification of burry wool on a **pilot-plant** 074048
industry. III. Results of **pilot plant** investig- 081268
Pilot programs in off-farm agricultural occu- 072699
Pilot-scale investigation of heat & mass tra- 081825
Pilot trial with pig "Semen delivery service 075248

PINACEAE

of Canada hemlock (**Tsuga canadensis**). 078861
in groundwood pulping. [**Tsuga heterophylla** 076529

PINEAL

after sexual maturation in **bovine pineal** gla- 074520

PINEAPPLES

of a Malaysian agro-industry. [**Pineapples**]. 073560
Cultivation of **pineapple.** 078723
Present situation of **pineapple culture** in H- 078683
Pineapple, its **quality** & cost in relation to 078685

PINES

becomming dry in stands of **pine according** 076314
Information on cultivation of **Aleppo pine** (076385
with regard to dying-off of **pines** in **areas** of 076211
for wood soft-rot fungi. [**Beech, pine**]. 076563
to trees infested with southern **pine beetle.** 079889
single-age larvae of mountain **pine beetle,** D- 079890
habits of soil Oribatei in a **black pine** plant- 080375
growing limber & Mexican **border pines.** [P- 078201
Dendrochronology of **bristlecone pine** (Pinus 076616
On destruction of **pine forests** on one side of 076175
A 4-year provenance test of **jack pine.** [Pin- 076381
Practical breeding programs for **jack pine** in 076412
Regenerating **loblolly pine** by direct seeding 076408
growth regulators in **loblolly pine** seeds dur- 078223
Alabama--land of **longleaf pine.** [Pinus palus- 076176
Scolytidae) on trunk of young **maritime pine** 079912
among single-age larvae of **mountain pine** b- 079890
of carbofuran residues in **mugho pine.** [Rhy- 080068
Genetic control in a **pine nursery.** [Pinus sy- 076355
Progeny testing in a **pine nursery;** based on 076356
Seed growth in a **pine nursery** in Central S- 076357
of soil Oribatei in a black **pine plantation.** 080375
production in radiata **pine plantations.** 076369
Slash **pine plantations** respond to water con- 078247
of 14 C [carbon] in young white **pine plants** 078231
infested lodgepole & **ponderosa pine** stands. 079574
Height growth of shortleaf **pine progenies** f- 076330
economic production in **radiata pine** plantat- 076369
method for selection of **pines resistant** to air 076227
of cutting & storage dates of **pine sawmill** l- 076560
waste on fructification of **Scotch pine** in Ur- 076222
Seed origins of **Scotch pine** for Christmas t- 076345
waste on fructification of **Scotch pine** in Ur- 078243
a new mite pest of **scotch pine.** [Pinus sylve- 079904
Some important types of **Scots pine** in Slov- 076373
growth regulators in loblolly **pine seeds** dur- 078223
Height growth of **shortleaf pine** progenies f- 076330
Slash pine plantations respond to water con- 078247
of five & six year old improved **slash pine.** 078248
of high-yield southern **pine soda** pulps by o- 076528
on growth of planted **Southern pines.** [Pinus 076340
Delignification of high-yield **southern pine** s- 076528
insects to trees infested with **southern pine** 079889
volume proportion [Pinus] in **pine stands** on 076321
infested lodgepole & ponderosa **pine stands.** 079574
infection & crack formation in **stored pine** 076460
of codeine phosphate in **pine syrup** (Sir. Pini 078215
noxious insects of **pine** on **territories** with c- 076230
chloride] contamination in **pine trees** deter- 076233
Inducing lightwood in **pine trees** by paraquat 076405
Experiments in pollination of **pine trees.** [P- 078212
chloride] contamination in **pine trees** deter- 081869
of 14 C [carbon] in young **white pine** plants 078231
of watered & wet-stored **windfallen pine** wo- 076462
on conditioning of small logs of **pine wood** 076434
Logging & transportation of **pine wood** trun- 076457
crack formation in stored **pine wood** [Decay 076460
watered & wet-stored windfallen **pine wood** 076462
40000-Year-old **pine wood** from deep sedim- 076726
Conditions for affection of **pine wood** by F- 079099

PINK

Partially sterilized **adult pink** bollworms: re- 079701
population studies of **pink bollworm** in arid 079703

PINUS

of bark volume proportion [**Pinus**] in pine s- 076321
Genetic improvement of **Pinus** in south of U 076349
sediments near Prudhoe Bay, Alaska. [**Pinus**] 076726
of bristlecone pine (**Pinus aristata** Engelm.) 076616
test of jack pine. [**Pinus banksiana**]. 076381
jack pine in Lake States. [**Pinus banksiana**] 076412
mugho pine. [Rhyacionia **buoliana, Pinus** m- 080068
Pulping characteristics of **Pinus caribaea** fr- 076548
Pinus contorta in Scotland. 076399
ponderosa pine stands. [**Pinus contorta,** Pin- 079574
Reforestation of **Pinus cutover** lands. 076364
to littleleaf disease. [**Pinus echinata,** Phytop- 076330
Pinus elliottii, Pinus palustri, **Pinus echinata,** 076349
to littleleaf disease. [**Pinus echinata,** Phytop- 079091
Pinus palustri, Pinus echinata, **Pinus elliotti** 076349
Southern pines. [Pinus **elliottii, Pinus** taeda 076340
species; Pinus taeda, **Pinus elliottii,** Pinus p- 076349
year old improved slash pine. [**Pinus elliottii**] 078248
respond to water control. [**Pinus elliottii**]. 078247
Mexican border pines. [**Pinus flexilis,** Pinus 078201
pine beetle. [Dendroctonus **frontalis, Pinus** 079889
studies with **Pinus** at **Gahrenberg** Forest Off- 076361
Pseudotsuga menziesii **glauca, Pinus,** Larix 076287
of Aleppo pine (**Pinus halepensis** Mill) in s- 076385
amount of secretion in **Pinus halepensis** wo- 078217
in woody plants. [**Hardwoods, Pinus** taeda] 079608
cultivation & establishment of **Pinus kesiya** 076354
wood studies in provenances of **Pinus kesiya** 076438
Pseudotsuga menziesii glauca, **Pinus, Larix** 076287
of coniferous seedlings. [**Pinus, Larix,** Picea] 079234
conditions of germination. (**Pinus malus** L.) 078106
pine. [Rhyacionia buoliana, **Pinus mugo**]. 080068
taeda, Pinus elliottii, Pinus **palustri, Pinus** 076349
land of longleaf pine. [**Pinus palustris**]. 076176
tree trunk pests in USSR. [**Pinus, Picea,** Ab- 079232
Bauconne (Haute-Garonne). [**Pinus pinaster** 079912
insect. [Dendrolimus **pini, Pinus**]. 080461
pine stands. [Pinus contorta, **Pinus ponder,** 079574
on alkali supply of **Pinus pumila** dwarf pines 076851
on accessibility of lignins of **Pinus radiata** & 076476
ecological limitations of **Pinus radiata** D. D- 076844
following thinning of 30-year **Pinus radiata** 076847
Sirex noctilio F., on foliage of **Pinus radiata** 078202
to heartwood formation in **Pinus radiata.** 078205
Sirex noctilio F., on foliage of **Pinus radiata** 079884
from atmosphere by some **Pinus species.** 076217
Insect pests of **Pinus stands** in Poland. 079908
pines. [Pinus flexilis, **Pinus strobiformis**]. 078201
genetic response of **Pinus strobus** L. clones 076219
in young white pine plants. [**Pinus strobus**] 078231
genetic response of **Pinus strobus** L. clones 078240
of Scots pine in Slovakia. [**Pinus sylvestiris**] 076373
of Scotch pine in Urals. [**Pinus sylvestris**]. 076222
trees in Nebraska. [**Pinus sylvestris**]. 076345
control in a pine nursery. [**Pinus sylvestris**] 076355
nursery in Central Sweden. [**Pinus sylvestris**] 076357
milled bark as substrate for **Pinus sylvestris** 076389
pollination of pine trees. [**Pinus sylvestris**]. 078212
of Scotch pine in Urals. [**Pinus sylvestris**]. 078243
Fomes annosus (Fr.) Cke. [**Pinus sylvestris**] 079099
mite pest of scotch pine. [**Pinus sylvestris**]. 079904
Reaction of **Pinus sylvestris** to various nitro- 081500
Southern pines. [Pinus elliottii, **Pinus taeda** 076340
following species; Pinus **taeda, Pinus** elliottii 076349
natural seeding, & planting. [**Pinus taeda**]. 076408
soda pulps by oxygen & alkali. [**Pinus taeda** 076528
straitification & germination. [**Pinus taeda**] 078223
in woody plants. [Hardwoods, **Pinus taeda**] 079608
beetle. [Dendroctonus frontalis, **Pinus taeda** 079889
Withering of **Pinus trees** injuried by Tehcod- 079273
of mycorphizas of **Pinus uliginosa.** 076857
quantity following thinning of 30-**year Pinus** 076847

PIOPHILIDAE

Mode of life of cheese skipper, **Piophila cas-i,** 079922

PIPE

with development of rollable **irrigation pipes** 080847
models for a subsurface, water **pipe, soil-wa-** 080741
Morphology & genesis of "**pipe structure**" in 081099

PIPER

chemical studies of **Piper peepuloides.** 077559

PIPPIN

economic aspects of Cox's **Orange Pippin.** [073037
Cox's **Orange Pippin.** [Apples, varieties]. 078687
Cultivation of Cox's **Orange Pippin.** [Apples 078688
Maintenance of Cox's **Orange Pippin.** [App- 078689
Cox's **Orange Pippin:** plant protection. [Ap- 079281

PIPUNCULIDAE

on Polish species of **family Pipunculidae** (D- 080555

PISAURIDAE

Nearctic spider genus Pisaurina **(Pisauridae)** 080591

PISSODES

Karyotype analyses of **Pissodes weevils:** evi- 080508
interrelationships in **Pissodes weevils:** addit- 080509

PISTIL
for ovule formation in **excised pistils** of Nig- 077313
tissue from Petunia **pistils labeled** with triti- 076880

PISTON
On performance of feed device in **piston type** 080932

PISUM
of pea aphid **Acyrtosiphon pisum** Harris & i- 079624
activities in extracts of **germinating Pisum** s- 078114
on yield components in pea **(Pisum sativum** 077104
mercaptoethanol in **Pisum sativum.** [Peas]. 077999
metabolism in pea plants **(Pisum sativum).** 078002
dehydrogenase from **Pisum sativum** roots. [078113
germination & growth of **Pisum sativum** L. 078189

PITHOMYCES
on fungus **Pithomyces chartarum.** [Grasslan- 078995

PITS
Bitter pit in apples: effect of calcium on pe- 079329
Poultry house: caged layers, **deep pit.** 080789
coal--what? [Reclamation, open **pit mining]** 081570

PITUITARY
embryo survival & **anterior pituitary** LH [lu- 074976
Trypsin inhibitor from **bovine pituitary.** 074502
changes observed in **pituitary cells** of indige- 075091
tryptophan-149 in ovine **pituitary lactogenic** 074562

PIVOT
Influence of **center-pivot** sprinklers on firm 072969

PLACENTA
How impervious is **placental barrier?** 076161
weight & maternal **placental circulation** in r- 075264
changes in **intercotyledonary placenta** of go- 075250
Impermeability of **sheep placenta** towards e- 075338

PLAGUE
50th anniversary of **cattle plague** eradication 075757

PLAINS
of "lousseke" steppes of "bateke" **plain** (Co- 076814
Soil bacteria growing in **plain-agar** plate. 081119
of soil developed on **alluvial plains** between 081015
Plains bluestem establishment & manageme- 078455
Plains bluestem fertility test. [Agropuron s- 081485
Altai Black Variegated & Red **Plain cattle** 075238
on selected south Atlantic **coastal plain** soils 077642
Carpocapsa pomonella L.) in **fertile plains** of 079780
factors in semiarid Central **Great Plains.** 077655
community structure in a **Great Plains** stre- 081877
mite in grain sorghum on Texas **High Plains** 079747
of water & fertilizer on Texas **High Plains.** 081523
L.) to its succesion on **irrigated plain** of Lo- 078736
farms with emphasis on **Northern Plains** wh- 073066
on stock-watering ponds in **northern plains.** 074414
Maize experiments on **Nsukka plains.** V. Ef- 078265
Maize experiments on **Nsukka plains.** VI. E- 078266
controlling cabbage looper in **Rolling Plains** 079854
regime in hydromorphic soils of **Tissa Plain** 081233

PLANAVIN
incorporation of trifluralin & **nitralin.** [Weed 079594

PLANKTON
of free amino acids in **freshwater plankton** 077301

PLANTAGINACEAE
of variants & forms of **Plantago coronopus** L 076888
of braodleaf plantain **(Plantago major)** in l- 079580
Meiosis in **Plantago serraria** L. 076930

PLANTAIN
Selection of seeds for banana & **plantain.** 078826
Nematodes of banana & **plantain** (Musa sp.) 079357
Control of **braodleaf plantain** (Plantago maj- 079580

PLANTATIONS
schedules in an **avocado plantation** using tri- 081607
of some nematicides in **banana plantations** in 079280
Weed control in tropical **plantation crops.** 079548
control in fruit-tree & **currant plantations.** 079460
in an old **experimental plantation** of Picea 076367
mortality reduction on **flax-plantation.** 078462
control of weeds in **forest plantations** by Da- 079508
Mechanical planting of **fruit plantations** ope- 072853
efficiency in apple **intensive plantations.** 079459
cultivation in modern **orchard plantations.** 081551
of uniformity (Cul) in a **plantation orchard** i- 081665
ground treatments in oil **palm plantations.** [079836
production in radiata **pine plantations.** 076369
Slash **pine plantations** respond to water con- 078247
of soil Oribatei in a black **pine plantation.** 080575
of insects & borers on **sugarcane plantations** 079693
of nitrogen fertilizers on **tea plantations.** [C- 073057
in their first year in a **test plantation.** 078711
New Hampshire Christmas **tree plantations** 079270
Betula **verrucosa plantations** on peat. [Affor- 076388

PLANTHOPPERS
of flight of **brown planthopper,** Nilaparvata 080357

PLANTS
content of pulps prepared from **plants.** 073821
direct seeding, natural seeding, & **planting.** 076408
Iranian collections of J. N. Szovits. **[Plants]** 076659
as a means for ecological research. **[Plants]** 076842
geomorphological & ecology. **[Plants].** 076843
certain swamps of Eastern Sayans. **[Plants]** 076860
countries in male sterility research. **[plants]** 077044
of pollen & improvement of **plants.** [African 077073
search for background characters in **plants.** 077194
aneuploidy in research & breeding. **[Plants]** 077235
soluble phosphorus compounds in **plants.** 077295
cells & bundle sheath strands of C4 **plants.** 077354
biosynthesis of alpha-linolenic acid in **plants** 077355
Energy phosphoric compounds in **plants.** II. 077416
on: II. Agronomical characters of **plants.** 077421
On determination of essential oils of **plants:** 077528
synthase of selected species of **plants.** 077566
from sugar nucleotides in **plants.** 077571
on dynamics of development of some **plants:** 077594
of maleic hydrazide on growth of **plants.** 077611
Comparative carbon metabolism in **plants.** 077615
Vanadium uptake by **plants.** Absorpitin kine- 077853
phosphorylating activity in gamma-**plantlets** 077866
studies on soil area of nutrition for **plants.** 078519
Mycoplasmic diseases of **plants.** [Pears]. 079154
in virus diseases & their control. **[Plants].** 079159
nematocides applied at & after **planting.** [M- 079383
Pathology: science of disease. **[Plants].** 079406
mutagenicity of various pesticides. **[Plants].** 080069
Chlorodioxins in pesticides, soils, & **plants.** 080101
of tomatoes with destruction of **plant.** 080981
on cells, tissues & chromosomes of **plants.** [077447
fractions of protein nitrogen in **plants.** [Wh- 077676
biochemical processes in **plants.** 079410
Seed preparation & **accurate planting** of cult- 078561
Plant adjustment to osmotic stress in balan- 078020
Viola cornuta L., a new **adventive plant** in 076760
as affected by inoculum level, **plant age** at i- 079309
tianschanica, Morus alba, Abies **alba, plant** 078220
of magnesite pollution in **altering plant** co- 076876
counts of western **American plants.** II. 076932
Effects of Radford Army **Ammunition Plant** 077379
Effects of Radford Army **Ammunition Plant** 079255
Effects of Radford Army **Ammunition Plant** 080209
Effects of Radford Army **Ammunition Plant** 081778
Effects of Radford Army **Ammunition Plant** 081779
Effects of Radford Army **Ammunition Plant** 081780
Rapid routine soil & **plant analysis** without 077393
application, on basis of **plant analysis,** for s- 078320
Giemsa staining techniques. **[Plants, Animals]** 074627
pathogenic to **plants & animals.** 075635
Effects of fire on **plants & animals** of a Flor- 076818
Giemsa staining techniques. **[Plants, Animals]** 076933
pathogenic to **plants & animals.** 079124
density on development of **annual plants.** 077452
in roots & bleeding sap of **annual plants.** 077608
Recommended list of **annual plant** varieties. 078726
Four seasons of **apartment plants:** Dwarf S- 078787
in small nematodes. **[Plant, Aphelenchoides** 079348
Water economy of young forest **plants ater** 078208
Index of **authorized plant** sanitary products 080061
Decline & growth after **autumn planting** of 076384
these elements in **plants,** & their **availability** 078162
accumulation by **plants** with a **background** of 077721
derived bound residues in **barley plants.** 080097
uptake & distribution in bush **bean plants** as 077986
Distribution of alkaloid **bearing plants** of fl- 076769
strains in self-incompatible sugar **beet plants.** 077211
on water conditions of sugar **beet plants.** 077935
Ruscus aculeatus L., a **plant** with **berry** on 076957
conception of annual to **biennial plants** of G- 076834
Sixth EUCARPIA congress: **Plant breeding,** 077018
von Sengbush 75 years old. **[Plant breeding]** 077045
Cytogenetics & **plant breeding.** 077113
Results of **plant breeding** in Bulgaria. 077124
of more than one kind. **[Plant breeding].** 077162
field experiment replication. **[Plant breeding** 077174
Plant breeding center of central Chernozem 077181
accelerated reproduction of **plant breeding** s- 077182
of potassium & calcium by **buckwheat plants** 077954
Parasities of tarnished **plant bug** in Mississ- 079709
Young-plant raising & **planting** of **bush** tom- 078707
calcium by horsebean roots **(calcicole plant)** 077844
official regulation of seeds & **plants carried** 073675
Structure of **plant cell** walls. IV. A structur- 076963
of protein synthesis in cultured **plant cell** su- 077350
processing of whole **cereal plants** in state fa- 078317
quantitative **changes** of chosen **plant** oils dur- 074132
Lithium content of soils & **plants** of **clay** ar- 081002
potassium determination in **coffee plant** & 077394
Plant communities as indicators of conditio- 076829
late season oldfield **plant communities.** 076854
Seasonal dynamics of **plant communities.** 076866
yearly variations) of **plant communities.** 076867
pollution in altering **plant communities.** 076876
Plant communities as indicators of conditio- 081068
methods in study of **plant community** struct- 076868
Ornamental **plant compatibility** with plant 079290
Regulation of tobacco **plant constituents.** 077800
working organisation of **cooperative plant** p- 072885
Tasks & problems of **cooperative plant** prot- 079291
larvae. 1. Regions of field **corn plants** infest- 079702
of Hodotermes mossambicus on **plant cover** 079725
note on "wilting phenomenon in **crop plants** 077672
diseases in cereal in industrial **plant crops.** 079375
equipment in ceral & industrial **plant crops.** 080942
potassium in nutrition of **cultivated plants.** 077563
Nematodes--pests of **cultivated plants.** 079395
Soil science & **plant cultivation** aspects of r- 081320
Aspects of **plant cultivation** & soil physics in 081565
leaf lupine for feed. [Forage **plants, culture]** 078513
to improve irrigated forage **plant culture** in 078581
specialization in medicinal **plant culture.** 078882
in Gu; Machines for forage **plants culture.** 080973
Testing different methods & **planting dates** 078563
flowering & proliferation of long-**day plant** 077485
Dependence of corn yield on **plant density** 078279
Effects of **plant density** on growth, develop- 078340
Relations between **plant density,** yield & st- 078466
Study on **planting density** of inbred maize l- 078482
mineral fertilizing & **planting density** as aff- 078483
Effect of **planting density** on apple yields. 078750
Increasing **planting density** of potatoes. 078752
of spring barley relative to **planting density** 081293
Dependence of corn yield on **plant density** 081321
Sodium relations in **desert plants:** 1. Cation 076781
sugarcane in relation to **different planting** & 078532
of luorine in **plants** by **diffusion** method. 077367
Proteins & development in a **dioecious plant** 077623
Systemic fungicides in **plant disease** control 079049
them & what are they. **[Plants, diseases].** 079133
Insect & **plant diseases** in small woodlot m- 079278
Effect of **planting distance** on yield, weight 078745
Row spacing--**planting distance**--size of seed 078769
No place for **domestic plant** oil in Austria? 073146
of individual organs of **plants** with **double** fl- 077607
in Digitalis lanata. **[Drug plants].** 077497
anno 1972. [Phytochemistry, **drug plants].** 077554
Buddleia. **[Drug plants,** varieties]. 078876
in some southern Far **Eastern plant** species 077466
of Niepolomice Forest. **[Plant ecology].** 076812
desert in dry tropical Africa. **[Plant ecology** 076813
Notes on equatorial **plant ecology** of "louss- 076814
study of vegetation habitat. **[Plant ecology]** 076826
seed production of **economic plants** in Pola- 077120
waste heat from stream **electric plants** [Agr- 080740
Endangered plants of New Hampshire. 076581
Activation of **plant** P-**enolpyruvate** carboxyl- 077542
Effectiveness of pre-**planting enrichment** of 077797
Notes on **equatorial plant** ecology of "louss- 076814
Trends in development of **planting equipment.** 080889
Planting of **Eucalyptus** grandis & Eucalyptus 076350
filtration chromatography. **[Plant extracts].** 077567
Laboratory control in **feed plant.** 074361
of phosphorus from **plant feedstuffs** in diets 075069
different standards of **planting & fertilizers.** 077634
of nutrient content? **[Fertilizers, plant** nutri- 081283
uptake, growth & development of **flax plant** 077886
of fresh ashy dump by **flowering plants.** 077396
diurnal rhythm of **plant flowering** in broadl- 078209
of self-regulation in system: **Food plant**--phy- 080461
Better utilization of **forage plant** lands of K- 072976
of drying during wilting of **forage plants.** 074328
vetch compared with other **forage plants.** 075035
of photosynthesis in **forage plant** population 077793
Dry matter production of **forage plants.** VII 077794
sylvestris. [Plant introduction, **forage plants** 077827
Seeds for **forage plants** in Schleswig-Holste- 078277
solved in plant production. **[Forage plants].** 078283
solved in plant production **[Forage plants].** 078285
wheat, maize & sorghum. **[Forage plants].** 078495
Narrow-leaf lupine for feed. **[Forage plants,** 078513
Polusakharnaia beets for feed. **[Forage plan-s,** 078514
fertilization of perennial **forage plants** grown 078556
of various pasture lands. **[forage plants,** pro- 078566
Forage plants--varietal trials 1971-1972. 078568
to improve irrigated **forage plant** culture in 078581
Forage plants for green feed in dry trans-Vo- 078584
Effect of perennial **forage plants** on occurre- 079749
S. Pietro in Gu; Machines for **forage plants** 080973
Water economy of young **forest plants** ater 078208
distribution of microelements in **plants found** 077375
Clonal selection of **fruit plants.** 078823
grey forest soils on slopes by **planting fruit** 081590
in spraying experiment? **[Plants, fungus** dis- 079041
M--a new valuable fungicide. **[plants, fungus** 079043
Materials to knowledge of **plant galls** of for- 079222
Coumarins in fruits of **garden plants.** 077988
Germination & growth of **germinating plants** 079061
of commercial fertilizer & **planting** of **grain** 080994
of commercial fertilizer & **planting** of **grain** 080995
characteristics of some **grass plants** growing 076890
with mixed varieties. **[Grasses, planting,** leg- 078431
Plant groupings in Widawka valley. 076855
commonly applied to **growing plant.** [Swine, 076127
commonly applied to **growing plant.** [Swine] 076128
characteristics of some grass **plants growing** 076890
commonly applied to **growing plant.** [Swine, 077799
commonly applied to **growing plant.** [Swine] 077802

reference to influence of **growing plants.** 081376
acitvity in turnip & rice **plants grown** under 077781
of perennial forage **plants grown** for seed. 078556
Synthetic media for container-**grown plants** 078728
of media for container **grown plants.** [Soil 081368
between rooting media in **plant growth** cha- 077297
Herbicides & **plant growth** regulators. 077417
on soil properties & **plant growth.** 077418
on various bioassays of **plant growth** regulat- 077932
Plant growth & physiology of vegetables as 078023
Production in culture of **plant growth** regula- 078988
Herbicides & **plant growth** regulators. 079472
on soil properties & **plant growth.** 081082
A spontaneous **haploid plant** of Trillium sma- 076944
in tobacco. II. Selection in **haploid plants** f- 077031
tobacco. III. resistances of **haploid plants** to 077032
Sugarcane: From **planting** to **harvest.** 078346
Plant high-quality British Columbia-grown 078640
Cell division in **higher plants.** 076965
Genetics & development of **higher plants:** a 077145
acid to coniferyl alcohol in **higher plants:** fe- 077408
photosynthetic mutants of **higher plants.** 077546
of biosynthesis in **higher plants.** 077569
Methylmethionine labeling of a **higher plant** 077697
on protein metabolism in **higher plants.** VII 077733
on protein metabolism in **higher plants.** VIII 077734
Glutamate dehydrogenase in **higher plants.** 4 077781
Horizontal planting of green ash cuttings lo- 076406
Gibberellin spray. [Pears, **plant hormones**] 078030
Host plants of plum pox virus. 079188
disease of coconut palm in **host plant.** 079244
vittiger with notes on its **host-plant** relation- 079446
Some **host plants** of burrowing eelworm, Ra- 079653
Lepidoptera) of different **host plants.** 079663
Record of some new **host plants** of, & biolog- 079716
between citrus trees & primary **host plant.** 079849
vittiger with notes on its **host-plant** relation- 080242
Proper spacing of rice **plants increases** its y- 078473
Action of simazine in **increasing plant** prote- 077961
Increasing planting density of potatoes. 078752
Action of simazine in **increasing plant** prote- 079610
pests & diseases in cereal in **industrial plant** 079375
transport vehicles in **industrial plant** produc- 080844
equipment in ceral & **industrial plant** crops. 080942
for new integrated meat **industry plant** Pra- 074057
in animal industry & **plant industry.** 075348
Regions of field corn **plants infested** by larv- 079702
present & future state. [**Plants, injuries,** R- 079398
plants in Moscow.[**Plant introduction**]. 077464
of Lathyrus sylvestris. [**Plant introduction,** 077827
of drought resistance.[**Plant introduction**]. 078086
borealis in Moscow. [**Plant introduction**]. 078219
Morus alba, Abies alba, **plant introduction**] 078220
Asia in Apsheron area. [**Plant introduction**] 078622
III. Results of pilot **plant investigations** on 081268
Plants for **irrigated** pasture. 078472
Is pre-**plant irrigation** necessary this year? 081659
displacements in leaves of **land plants.** 077281
Better utilization of forage **plant lands** of K- 072976
Pruning **landscape plants.** 078853
primary production herb **layer plants** in dec- 076812
Dependence of lead content of **plants** on **lead** 079343
extracted from some **plants** & **leafhoppers** t- 079162
drilled onions as well as with **planted leek**-- 079457
mixed varieties. [Grasses, **planting, legumes**] 078431
proliferation of long-day **plant Lemna** gibba 077485
lettuce as affected by inoculum **level, plant** 079309
Scarabaeidae) 2. use of **living plant** tissue in 080366
A multiple-use machine for **planting maize** f- 080957
biochemical processes in **mangel plant.** 079546
A **plant mannosyl**-lipid intermediate. [Mung 078157
of typically anemophilous salt **marsh plants** 077314
Distribution of **plant mass** on south slope of 076817
Supply of **plant mass** & energy of Betula fo- 078199
Rapid destruction of **plant material** with co- 076594
of aniline blue in **plant material.** 076994
for determing sulphur in **plant material.** 077445
Production of oil palm **plant material:** Choi- 078456
sectioning & staining of **plant material** for l- 076996
Plant materials development by Soil Conser- 081542
Producing **mature plants** from embryos exci- 077670
Effects of host variety, **plant maturity,** soil 079084
Mechanical planting of fruit plantations ope- 072853
Latest about **mechanical planting** of prespro- 080897
amoora rohituka w. & a.)-a **medicinal plant** 076783
morphology of certain **medicinal plants** und- 076976
amoora rohituka w. & a.)-a **medicinal plant** 077234
Natural products from **medicinal plant.** XVI- 077446
properties of certain **medicinal plants.** 077584
specialization in **medicinal plant** culture. 078882
Insect pests of **medicinal plants** in Bulgaria. 079666
Effect of **planting methods** & ripening phases 077910
to nutrition conditions in a **mixed planting.** 077635
Effect of **plant moisture** stress on carbohydr- 077775
sugary leaves in **monocotyledonous plants.** 077378
Mulch planting. [Silviculture]. 076398
of supply of seeds & **plants needed** for refor- 076362
Population dynamics of **plant nematodes** in 079307
spring aftergrowing dates of **nemoral plants** 077464
Marketing of **nursery plants.** 073240
content? [Fertilizers, **plant nutrition**]. 081283
Culture & results of **planting oak** on sites fit 076363
cellulosic glucans in developing **oat plant.** 077878
of longitudinal growth in corn & **oat plants.** 077916
No place for domestic **plant oil** in Austria? 073146
Willd., a valuable essential-**oil plant.** 077582
Spring **oil plants**--a good interim crop. 078351
Can we grow more **oil plants?** 078406
Results of **oil plant** trials. [Varieties]. 078408
Spring **oil plants.** 078410
Parasites of **oil plants.** 079391
Fighting quackgrass in spring **oil plants.** [A- 079504
conditons on stability of chosen **plant oils** u- 074132
in early & late season **oldfield plant** commu- 076854
on rhizosphere microflora of **onion plants** in 081216
organization in co-**operative plant** production 072809
accumulation of nutrients in **plant organism,** 077562
tasks of works & **plant organization** in milli- 074180
Role of **plant organs** on formation of yields 077947
Influence of protein level of **plant origin** on 075034
Ornamental plant compatibility with plant 079290
Production of oil **palm plant** material: Choi- 078456
Plant-parasitic nematodes in south Australia 079226
Responses of **plant parasitic** & saprophytic 079305
nitrogen & nicotine levels in **plant parts.** 077925
other glycosides from **plant pathogens.** [Cor- 076766
state in nine mutant genes of **pea plants.** 077222
on rates of aldrin metabolism in **pea plants** 078002
Use of aerial parts of **peanut plants:** product- 078262
Gibberellin spray. [**Pears, plant** hormones] 078030
assets in production of **perennial plants** in a- 073050
in Quebec in 1972. [**Plants, pests**]. 079634
chambers. [**Plants, photosynthesis**]. 077568
in system: Food **plant**--**phytophagous** insect. 080461
acidification of burry wool on a **pilot-plant** 074048
industry. III. Results of **pilot plant** investig- 081268
of 14 C [carbon] in young white **pine plants** 078231
Plant population explosion. [Genetic impro- 077070
Effect of seed maturation & **plant population** 077656
of photosynthesis in forage **plant population** 077793
uptake of nutrients by **potato plants** in cent- 077636
Water stress relations of **potato plant** under 077985
content of different parts of **potato plants.** 078041
Foliar feeding of **potato plants** with urea. 081329
content of different parts of **potato plants.** 081369
Sugar beets & **potatoes planted** in chemical- 081553
control in animal shelters using **power plant** 080739
new integrated meat industry **plant Praha-S-** 074057
Effectiveness of **pre-planting** enrichment of 077797
Pre-planting sugar beet seed treatment with 079001
Is **pre-plant** irrigation necessary this year? 081659
bases for fruit & vegetable **processing plant.** 074310
in co-operative **plant production** departments 072809
organisation of cooperative **plant production** 072885
research tasks solved in **plant production.** [078283
research tasks solved in **plant production** [078285
Trends in development of **plant production** 080908
Trends of development of **plant production** 080918
Industrial-scale **plant production** & problems 081414
to new techniques of **plant production.** 081443
in intensification of **plant production.** 081455
of Programme of **Plant Production** Growth. 081461
pasture lands. [forage **plants, productivity**] 078566
On **plant products** presently furnished in dr- 073899
Refrigeration of **plant products** destined for 074266
Cymbopogon & its role in **plant propagation** 077745
Layering. [**Plants, propagation**]. 078855
arising from application of **plant protection** 073617
Plant protection from within is systemic te- 079075
from point of view of **plant protection** in U- 079228
Second list, March 1973. [**Plant protection**] 079265
Cox's Orange Pippin: **plant protection.** [Ap- 079281
Plant protection in raspberry production. 079288
problems of cooperative **plant protection** in 079291
Correct application of **plant protection** mate- 079293
Plant protection service in Mongolia. 079302
from South Africa. [**Plant protection**]. 079330
Plant protection in cereal culture of tomorr- 079339
in Bibliographhy of **Plant Protection.** 079342
in work plan for 1972 of **Plant Protection** I- 079361
Modern methods of **plant protection.** 079372
Some urgent tasks of **plant protection** with f- 079374
present-day problems of **plant protection.** 079376
pesticides used in field of **plant protection** & 079377
cooperation in field of **plant protection** & p- 079379
Plant protection in eastern Bohemia. 079394
Economic Community. V. [**Plant protection**] 079422
attractants & their use in **plant protection.** 079665
Plant protection agents in vegetable culture- 079815
arising from application of **plant protection** 080072
of Siegfried in Zofingen. [**Plant protection**] 080076
of secondary effect of **plant protection** prod- 080077
on accuracy of nozzles in **plant protection.** 080936
Use of **plant protection** equipment in ceral 080942
for pest disease control. [**Plant protection**]. 080982
after application of **plant protective** materia- 076245
plant compatibility with **plant protectives.** 079290
of location & year of **planting** on **protein** & 077726
of simazine in increasing **plant protein** cont- 077961
Plant quarantine, 1972. [Austria]. 079366
Young-**plant raising** & planting of bush tom- 078707
Germination of **range plant** seeds after long 077773
New **plant records** in Waterton Lakes Nati- 076636
region microflora of **plants** with **references** 077451
from gibberellic acid. [**Plant regulators**]. 077601
monovalent cations by **plants** in **relation** to 077786
with notes on its host-**plant relationships** & 079446
calcium by buckwheat **plants relative** to fros- 077954
Odor controls for **rendering plants.** 081792
Methods in study on **plant resistance** to spi- 079875
of Soviet Union & study of **plant resources.** 076593
natural conditions & **plant resources.** 076839
Chnages in **plants** as a **result** of disease & a- 079370
Changes in **plants** as a **result** of disease & a- 079371
acitvity in turnip & **rice plants** grown under 077781
nutrient & water absorption by **rice plants** 077782
Pattern of nutrient absorption of **rice plant** 077783
Physiology of **rice plant.** 077922
from soil & translocated into **rice plants.** 077962
Proper spacing of **rice plants** increases its y- 078473
from soil & translocated into **rice plants.** 080151
nutrient & water absorption by **rice plants** 081115
Effect of inter-ridge & within-**ridge plant** sp- 078339
Influence of depth of **planting** on **rooting** & 078207
of monovalent cations by **plant roots.** 6. effe- 077786
Planting roses. 078854
automatic equpiment. II. **Routine plant** ana- 077393
of rock phosphate by cabbage & **rye plants.** 078075
Plants of **Sahasradhara** near Dehra Dun (U 076709
Collar rot & leaf rot of **salad plants.** [Sclero- 079013
Index of authorized **plant sanitary** products 080061
of burry wool on a pilot-**plant scale.** 074048
Industrial-**scale plant** production & problems 081414
cartography of groups of **plants** under **sea.** 076691
nitrogen fertilizers on yield of **seed plants** of 081304
Germination of range **plant seeds** after long 077773
ultra high frequency] device to **plant seeds** in 079593
Plants new to **Senegal.** [Spermatophyta]. 076605
chrome content of **plants** on **serpentine** soils 077477
characteristics of perspective **silo plants.** 1. 077681
sown grassland. I. On death of **slender plant** 078400
Plant sociological characteristics of experim- 076832
between root adsorbent of **plants** & **soil** ads- 077561
Cesium 137 in soils & in system **soil**--**plant.** 077565
Absorption of boron by **plants** from **soil.** [R- 077784
between root adsorbent of **plants** & **soil** ads- 081191
Cesium 137 in soils & in system **soil**--**plant.** 081198
salt accumulation processes. [**Plants, soils**] 077299
preparation on growth of **planted Southern** 076340
of attachment of lower beans of **soy plant.** 077907
of nitrohumic acid by **soybean plants.** 077785
study on methods of **planting soybean** in clay 078438
of inter-ridge & within-ridge **plant spacing** 078339
Effect of **plant spacing** within ridge on grain 078341
Influence of **plant spacing** on yield compon- 078501
Row **spacing**--**planting** distance--size of seed 078769
Plant spacing for onion production. 078829
Effect of **plant spacings,** nitrogen, phosphor- 078368
Cation contents of some **plant species** from 076781
Competition of two **plant species** for photos- 077395
of rock phosphate by different **plant species** 077451
in some southern Far Eastern **plant species** 077466
Cation contents of some **plant species** from 081225
Original testing of **spice plants** in Belorussia 078878
mechanisms in biosynthesis of **plant starch** 077572
Osmotic pressure of some **plants** in **steppa** a- 077596
washed" eucalyptus [grandis] **planting stock** 076404
On some features of **planting stock** of Poten- 078433
element applications on **strawberry plant** & 081518
differentiation of various **plant structures.** [077692
Pre-**planting sugar** beet seed treatment with 079001
plants. [Sugar beets, **sunflowers, planting**]. 078519
Planting for **survival.** [Noise pollution]. 081861
Tank plant in Quebec. [Forest fire control] 076187
Parasities of **tarnished plant** bug in Mississ- 079709
Life of Linnaeus. [**Plant taxonomy**]. 076780
natural method of Jussieus. [**Plant taxonomy**] 076799
history & bibliography of **plant taxonomy.** 076801
Flax--oil & **textile plant.** [Breeding]. 077242
Two new **theaceous plants** from Malaysia & 076676
animal shelters using power **plant thermal** e- 080739
Old-**time plants** are making a comeback. 078776
or Nemacur applied to soil at **planting time.** 079238
labeling of a higher **plant tissue:** incorporati- 077697
Scarabaeidae) 2. use of living **plant tissue** in 080366
determining water potential of **plant tissues** 077368
growth-induced water uptake in **plant tissues.** 077856
Measurement of **plant tissues** water potenti- 077946
graminis on buried wheat **plant tissues.** [Soil 079078
bushy stunt virus strains in **plant tissues.** 079173
of benomyl residues in soils & **plant tissues** 080084
graminis on buried wheat **plant tissues.** [Soil 081219
Fate of insecticides in **tobacco plants** & fact- 073645
radioacitivity in **tobacco plant** utilizing Cer- 077735
farmyard manure nitrogen to **tobacco plant.** 077738
growth & maturity of **tobacco plant.** 077739
conditions on growth of **tobacco plant.** II. E- 077740
Regulation of **tobacco plant** constituents. 077800
carbohydrates composition of **tobacco plants** 077805
tobacco powdery mildew, in **tobacco plant.** 078983
Fate of insecticides in **tobacco plants** & fact- 080108
Proso millet date of **planting** & **tolerance** to 079616
on growth of waterlogged **tomato plants.** 078141
of inorganic bromide in **tomato plants.** 079239
absorption of rice **plant transplanted** as you- 077783
Actual problems of **tree planting** in Poland 076401

Plant a tree![Landscaping]. 078767
Shall we **plant trees** or build buildings? 072685
Results of oil **plant trials.** [Varieties]. 078408
of reverse transcriptase in **plant tumour** tiss- 079166
Mycorrhiza in **tundra plants** of north eastern 077419
of arginases from **plant, ureotelic** & uricotel- 077270
radioacitivity in tobacco **plant utilizing** Cer- 077735
Forage **plants--varietal** trials 1971-1972. 078568
beets for feed. [Forage **plants, varieties**]. 078514
Recommended list of annual **plant varieties.** 078726
Buddleia. [Drug **plants, varieties**]. 078876
Progress in **plant variety** protection with pr- 073457
Plant variety protection for publicly develo- 073458
Progress under U.S. **Plant Variety** Protecti- 073459
Progress in **plant variety** protection with pr- 078377
Plant variety protection for publicly develo- 078378
Progress under U.S. **Plant Variety** Protecti- 078379
Effects of host **variety, plant** maturity, soil 079084
subsequent differentiation of **various plant** s- 077692
Phaseolus vulgaris L.) to **various plant** virus- 079146
of Linsell. II. Survey of **vascular plants.** 076795
vegetable growing. 4. **Planting** of **vegetable** 078677
Experiments with **vetch plant** Vicia narbon- 078504
Metabolic changes in **plants** after **virus**-infec- 079193
Dolichodorus heterocephalus. [**Plant viruses** 079192
of Radford Army Ammunition **Plant wastes** 077379
of Radford Army Ammunition **Plant wastes** 079255
of Radford Army Ammunition **Plant wastes** 080209
of Radford Army Ammunition **Plant wastes** 081778
of Radford Army Ammunition **Plant wastes** 081779
of Radford Army Ammunition **Plant wastes** 081780
Studies on role of **weed plants** in spread of 079186
Ophiobolus graminis on buried **wheat plant** 079078
on phosphate sorption by **whole plants** & ex- 077688
Growth & development of **wild plant.** 077307
of sources for resistance from **wild plants.** [078946
III. ways of branching of **woody plants.** 076990
galactinum as a pathogen of **woody plants.** 079026
on herbicide behavior in **woody plants.** [Ha- 079608
of hardwood depots in wood-**working plants** 079917
procedures on **planting** & **yield** qualities of 078506
in areas with wild berry **yielding plants.** 076870
of nematodes, on invasion of **plants** & **yields** 079373
Young-plant raising & planting of bush tom- 078707

PLASMA

free fatty acid concentrations in **plasma.** 074537
Factors **affecting plasma** ceruloplasmin activ- 074595
Amino acid oxidation & **plasma amino** acid 074651
results of dried beef blood **plasma applicati-n.** 074006
separated from fowl **blood plasma** globulins 074673
upon food intake, obesity, **blood plasma** trig- 074751
GPT/ EC 2.6.1.1 in tissues & **blood plasma** 074772
Decreased **plasma carotenoids** during aflatox- 076137
Factors affecting **plasma ceruloplasmin** activ- 074595
Decreased plasma carotenoids during aflatox- 076137
Citrate concentration in **fetal plasma** & fetal 074785
level, its urinary excretion & **plasma free** fa- 074516
separated from fowl blood **plasma globulins** 074673
of heat & glucagon on **plasma glucose** & free 074737
elements in serum or **plasma** of **horses.** 074601
Plasma insulin & growth hormone in dairy 074504
agent from **plasma** of a **leukemic** cow. 076056
stearic acid or safflower oil on **plasma lipids** 074983
Plasma membrane of ram, boar & bull sper- 075268
blycerokinase activity & **plasma metabolite** 074973
Plasma nonessential ao essential amino acid 073708
infusion on **plasma noradrenaline** level, its u- 074516
Plasma oestradiol, luteinizing hormone & p- 075258
hormone] in bovine **peripheral plasma** arou- 075175
total phosphorus in **semen plasma** of boars 075392
relation to food intake & **plasma sugar** & ac- 074504
of progesterone in **systemic plasma** of goats: 074660
intake, obesity, blood **plasma triglycerides** 074751
progesterone in jugular **venous plasma** of c- 075174

PLASMODIOPHORA

of brassicae. [**Plasmodiophora brassicae,** Ca- 078905

PLASMODIUM

enhancement of a **Plasmodium lophurae** infe- 075676
its application to slime **mold plasmodia.** [M- 077278
models of muscles & **myxomycete plasmodia** 076883
in locomotion of **myxomycete plasmodia.** 077288

PLASTICS

Peaches in culture under **plastic.** 078738
Application of herbicides under **plastics.** [V- 079462
Committee **"Plastic** in **Agriculture".** 072666
C02, [carbon dioxide] **plastic bags** & extend- 074725
Low **cost plastic**-film covered growth tunnels 080796
production under glass & **plastic covers** after 073440
production under glass & **plastic covers** in E- 078695
Growing melons under **plastic covers.** 078841
of soil under glass & **plastic covers.** 081539
of tomato production in **plastic foil** greenho- 078692
in lettuce production in **plastic foil** greenho- 078693
Wood & **plastics,** a **general** review. 076446
Use of **plastics** in **horticulture.** 078789
Utilization of **plastics** in **packing** milk & liq- 073936
Problem of wood--**plastics relation** in furnit- 076442
Plastic silo. [Silage preparation]. 074336
Survivability of **neoplastic viruses** in feeds. 075924

PLASTID

crystalloids in stroma of **bean plastids.** 078154
chloride] upon **plastid development.** [Cats, 077883
Sieve-**tube plastids** of Hamamelididae) elect- 076798

PLATANACEAE

branches & roots of **Platanus X acerifolia** (A- 076962

PLATE

Soil bacteria growing in plain-**agar plate.** 081119
Ultrastructure of motor **end-plates** in slow 074616
cells of, & for replica-**plating, filamentous** b- 077341
Development & morphology of **growth plates** 074782
Trials with Skalsvans, 24 **plate harrow.** 080993
Porous plates of coniform chloride cells in 080301

PLATEAU

of phytoplankton on **continental plateau** of 076862
Wild boar of **Turgaisk plateau** & its natural 074687
Phosphorite soils of sub-**Ural plateau** & their 081249

PLATYPODIDAE

of Brazilian Scolytidae & **Platypodidae** (Co- 080419
Platypodidae as well as other **insects** & mit- 079881

PLECOPTERA

Perlodidae (**Plecoptera**) of Wisconsin. 080560
Rhythmics of **Plecoptera** in **Messaure** distri- 080255

PLEISTOCENE

Pleistocene Helophorus (Coleoptera, Hydro- 080619

PLEXUS

Short nerves of **brachial plexus** in nutria (074707

PLODIA

in indian-meal mothx **Plodia interpunctella** 080333

PLOTS

Optimum **plot arrangement** for use of rolling 080856
size of random sampling for **per plot** qualify- 077050
sorghum yields in one-row & two-**row plots.** 078258
Plot sprayers for testing herbicides. 079520
for higher yield of water-**surplus plots.** 081537
How representative are **plot trials** for fields 079041

PLOWING

What makes for **better plowing?** [Tractors]. 080937
in speeds of tractor-**mounted plowing** & tilli- 080987
implement for works in **plowing rice.** 080916

PLOWS

effects of manure, fetilizer, & **plow depth** on 081395
Moldboard or **disc plow?** 080972
Important role of reversible **Nippon plows** f- 080805
Resistivity of **plough** & **specific** consumption 080999

PLUMS

Peaches, cherries, **apples, plums**]. 073633
of some chemical substances. [**Apples, plums**] 078749
Peaches, cherries, **apples, plums**]. 080094
Brown rot of peaches, **plums, cherries** & oth- 078971
Stocks for **grafting plum** trees. 078784
treatment on response of **plum hardwood** cu- 078056
cultivar Pozegaca. [**Myrobalan plums**]. 078065
in kernels & flesh of **myrobalan plums** of va- 078067
Host plants of **plum pox** virus. 079188
interspecific hybrids of **plums** & **prospects** f- 077245
on causes of desiccation of **plums** in **Puracic** 079325
Grapholitha funebrana Tr. for **plum variety** 079864

PLUSIIDAE

rearing tobacco looper (**Plusia argentifera** G- 079741

PLUTELLIDAE

of diamond-back **moth, Plutella** xylostella L. 080358

PLUTONIUM

Plutonium & **aauatic** ecosystems. 081784
of soil pollution with **plutonium** 239 on **field** 081885

PLYWOOD

properties of **plywood** & **blockboard.** 076545
overlays for **plywood** & **blockboard.** 076547
possibilities of **plywood improvement.** 2. Glu- 076473
Some problems of **plywood manufacture** dev- 076443
strength characteristics for **plywood panels.** 076450

PNEUMATIC

economic basis for **pneumatic conveying** of 073100
tests for suitability of **pneumatic devices** for 080877

PNEUMONIA

on naturally-occurring **bacterial pneumonia** 075902
bearings on aetiology of **enzootic pneumonia** 075764
in experimental **enzootic pneumonia** of pigs 075830
Study of **enzootic pneumonia** in swine. 075939
in occurrence of **enzootic pneumonia** of swi- 075963
Histopathology of **experimental pneumonia** 075838
rhinotracheitis & **infectious pneumonia** virus- 075953
mycotic abortion & **pneumonia** with **special** 075834

POA

of Sherman big bluegrass (**Poa ampla** Merr. 077671
ability of annual bluegrass (**Poa annua** L.). 078620
Control of annual bluegrass (**Poa annua**) in 079584
A new name for **Poa exilis** J. Vickery & a n- 076727
orchardgrass. [Dactylis **glomerata, Poa** 079606
controlling diplosporia in **Poa palustris** L. 077193
Festuca pratensis & **Poa pratensis.** 077798
mill for bluegrass seed. [**Poa pratensis**]. 080858
Festuca pratensis & **Poa pratensis.** 081415

PODOSTEMONACEAE

Podostemaceae from **Madagascar.** 072781

PODS

New developments in **black pod** epidemiolo- 078954
acid & nitrogen content of **pods** & **seeds** of 074204

PODZOLS

of mobile phosphates in **bog-podzolic** & gray 081153
of heavy textured **bog podzolic** soils. 081176
in field crop rotation in thick **bog-podzolic** 081306
On effectiveness of fertilizers on **bog-podzol-c** 081310
in different crop rotations in **bog-podzolic** so- 081007
Pseudogleyic **podzolic clay**-illuvial soils (Pl- 081236
of Kolkhida Lowland **podzolic-gley** soils. 081183
of fertilizers on bog-**podzolic loamy** soils of 081310
properties of Kolkhida **Lowland podzolic-gl-** 081183
Pseudogleyic podzolic clay-illuvial soils (Pl- 081236
Temperature regime at **soddy podzolic** soil 081029
phosphorus & potassium in **soddy podzolic** s- 081030
Water & air regime in **soddy podzolic** soil u- 081031
organic compounds from a **soddy-podzolic** so- 081171
Temperature regime at soddy **podzolic soil** 081029
potassium in soddy **podzolic soil** under oats 081030
Water & air regime in soddy **podzolic soil** u- 081031
compounds from a soddy-**podzolic soil** & vol- 081171
rye in crop rotation in gray **podzolized soil.** 081308
different crop rotations in bog-**podzolic soils** 081007
of clay fraction of **podzolic soils** on basis of 081135
of heavy textured bog **podzolic soils.** 081176
crop rotation in thick bog-**podzolic soils.** 081306
fertilizers to eroded bog-**podzolic soils.** 081403
fertilizers to potatoes in bog-**podzolic soils** of 081404

POISON

phalloides, Citrullus **colocynthis, poisonous** 079468
Cardiac glycosides (**heart poisons**) in polka- 079845

POISONING

of rat organs in **acute poisoning** by wood pr- 076171
in organs & tissues of **calves poisoned** by Gr- 073704
livestock in relation to **carbaryl poisoning.** 073693
control preparation. [**Poisoning, domestic** an- 076107
tissues of poultry **poisoned experimentally.** 076126
Food safety & **food poisoning.** 073703
in normal & **poisoned honey** bees. [Insectici- 080688
zibethica L., in ponds using **poisoning rafts.** 079241
deficiency & in **selenium poisoning** of lambs 076019
Diagnosing **Sumithion poisoning** of poultry. 076166
Toad poisoning in small animals. [Ethiopia] 076163
On problem of **triallate poisoning** of livesto- 076165

POLAR

Polar auxin transport & auxin-induced elon- 077881

POLARIZATION

Polarization: a key to an airborne optical s- 081847
L. 2. Receptor sensitivity & **polarized light** 080305
Intersterility & **polarity** in **Scytinostroma** w- 076720
Polarization sensitivity of individual retinula 080306

POLAROGRAPHY

Polarography method of determination of 2, 075139

POLES

Pole barn or simple tower--alternative to co- 080751
Application of growth **pole concept** to devel- 073540
of small-sized wood & of **poles** in **People's** 076310
Logging storm **thrown pole** woods--handling 076465
to handling variants of wind-**thrown pole** w- 076466

POLLEN

tube growth of maize (Zea mays L.) **pollen.** 077879
Germination of **pollen** from **Allium** porrum 077984
Comparative **pollen analyses** of a stratified 076697
Computer programs for **pollen analyst.** 076752
of stomach contents for **pollen analytical** re- 080234
Study of germination of **cotton pollen** (Goss- 077715
Pollen, a dietetic food. 073774
Restoration of **pollen fertility** of some T [T- 077250
vegetative nuclei during **pollen germination** 077398
of ripening & germination of **pollen grains** in 077163
induced by irradiation of **pollen grains** of A- 077218
of haploid embryos from **pollen grains** of Da- 077620
Analysis of **pollen** in **honey** of northeast Mo- 073818
Pollen of **Icacinaceae.** I. Atlas. [Metteniusa, 076750
Preservation of **pollen & improvement** of pl- 077073
Preand **postsettlement pollen** from a Short 076585
Production of brassins from **rape pollen.** A 077754

Study techniques of **pollen** by **scanning** elec- 076886
Fermination of **pollen spores** of Ustilago trit- 079071
generative nuclei in **pollen** of **Tradescantia.** 076925

POLLENIA
Pollenia rudis (Diptera: Calliphoridae) rear- 080387

POLLINATION
Pollination of **blueberries** in Saint Jean Lake 080668
under various **pollination conditions.** 077054
chlorantha, **Lepidoptera, pollination**]. 080196
rate & tongue length of **lucerne pollinating** 080446
with F1 & F2 hybrids & **open-pollinated** var- 077238
Experiments in **pollination** of **pine** trees. [P- 078212
Pollination requirements of winged beans (078036
Production of **self-pollinating** strains in self- 077211
Pollination of **typically** anemophilous salt 077314

POLLUTANTS
selection of pines resistant to **air pollutants** 076227
Detection of **atmospheric pollutants** at parts 081772
Circulation of **pollutants** in **biosphere.** 081787
Mode of action of **pollutants, influence** of su- 079397
Effect of **solid pollutants** on translocation of 076220

POLLUTION
Nature: **Pollution.** 081770
Effluents from malting & brewing. [**Pollution**] 081809
Accounting for **pollution:** pollution abateme- 081816
for detection of oil on water. [**Pollution**]. 081847
for pollution: **pollution abatement** & national 081816
mill-tested approach to **pollution abatement.** 081856
First steps **against pollution.** 081850
on emmission problem. [**Air pollution**]. 073481
Byssinosis, **air pollution,** OSHA [Occupatio- 073549
by certain sources of **air pollution.** 076224
Air-pollution situation, forestry, & effect of 076225
chronic influence of industrial **air pollution.** 076230
Alfalfa clones... Indicators of **air pollution.** 079224
Effects of **air pollution** on Maryland (type 079304
chronic influence of industrial **air pollution.** 079915
beetle poplulations. [Carabidae, **air pollution**] 080197
Biological indicators of **air pollution.** 081786
on emmission problem. [**Air pollution**]. 081817
zones in town of Tampere. [**Air pollution**]. 081820
topography on oxidant **air pollution** concent- 076229
table in areas of **atmospheric pollution.** 076231
Economic analysis of **atmospheric pollution:** 081840
Public open spaces in **polluted cities;** present 079398
on oxidant air **pollution concentrations** that 076229
Pollution control policy effects on irrigated 073557
Wood pulp mills, water **pollution control**]. 081855
Pollution control policy effects on irrigated 081881
Pollution effects on littoral algal communiti- 079296
Externalities, **environmental pollution** & all- 081841
Oxidation ditch reduces **feedlot pollution.** 081766
Keeping runoff safe. [**Feedlots, pollution**]. 081765
Forest pollution from automotive exhaust. 076204
Pollution & genetic derivative. [Animals]. 075227
A study of **pollution** of new-**laid** eggs of hen, 073669
Effect of **magnesite pollution** in altering pla- 076876
control. [Wood pulp **mills, pollution**]. 081857
Planting for survival. [**Noise pollution**]. 081861
Byssinosis, air **pollution, OSHA** [Occupatio- 073549
Pesticidal pollution of water. 081838
protection & **pollution problems.** 081830
techniques applied to **pollution problems** in 081875
of degree of **pollution** of **running** waters. 081614
Air-**pollution situation,** forestry, & effect of 076225
Effects of air & **soil pollution** by industrial 076222
Soil pollution & environmental health. 081839
Influence of **soil pollution** with plutonium 2 081885
semi-liquid manuring. [Swine, **soils, pollution** 081819
Water pollution as a result of spraying with 080118
utilization of peat ot fight **water pollution** by 081695
soil strata. [Ground **water pollution**]. 081813
Water pollution as a result of spraying with 081833
effluents. [Wood pulp mills, **water pollution** 081855
attention needed toward **water pollution** of r- 081867
Pollution of our **waterways.** 081693
Averting **world pollution.** 081771

POLYAMINES
in vitro: inhibition by **polyamines** & **poly(a-** 075638

POLYCHLORINATION
silo contain PCB [**polychlorinated biphenyls**] 074335
Polychlorinated biphenyls: occurrence & bio- 080130

POLYCYCLIC
Fate of **polycyclic aromatic** hydrocarbons in 081315
in chick embryo by **polycyclic hydrocarbons** 074563

POLYEMBRYONY
studies on **polyembryonic varieties** of Mangi- 078598

POLYETHYLENE
of covering of soil with **black polyethylene** 078746

POLYGALACEAE
On distribution of **Polygala jacobii** Chandr. 076646

POLYGONUM
on fertilization. [**Polygonum coriarium**]. 077679
crop & on its quality. [**Polygonum coriarium** 077680
forms & their yield. [**Polygonum coriarium**] 077682
dynamics (**Polygonum coriarium**) & their lo- 081036
roots & green mass of **Polygonum coriarium.** 077305
Weyrich's knotweed. [**Polygonum weyrichi**] 077681

POLYHEDROSIS
On a **cytoplasmic polyhedrosis** of smaller tea 080356
introduction of **nuclear polyhedrosis** virus of 079906
Pathogenicity of a **nuclear polyhedrosis** virus 080334
associated with a **nuclear polyhedrosis** virus 080339
A **nuclear polyhedrosis** virus of a caddisfly, 080340

POLYHYBRID
on some aspects of **polyhybrid silkworm** (B- 080682

POLYMERASES
transferase: A **polyadenylate polymerase** fr- 074555
virus RNA-dependent **RNA polymerase** in v- 075638
of alpha-amanitin-sensitive **RNA-polymerase** 077548
transcription by maize **RNA polymerase.** 077695
characterization of pea **RNA polymerases.** 078003
forms of DNA-dependent **RNA polymerase** 078110

POLYMERIZATION
testing of **average polymerization** degree of l- 074193
II. Factors affecting **graft polymerization** of 073985
In vitro **protein polymerization** & nucleopro- 079206

POLYMERS
of functions of metal **phosphate polymers** & 077309

POLYMORPHISM
amino acids on size & **alary polymorphism** of 080315
Polymorphism of **blood** serum transferrines 075238
genes controlling **polymorphous characters.** 075237
Chromosomal polymorphism in Drosophila 080262
Chromosomal polymorphism & interrelation- 080509
I. Robertsonian **chromosomal polymorphism** 080189
Color polymorphism in some North Americ- 080172
Study of **polymorphism** of **proteins** of a he- 074797
problems of **pseudoseasonal polymorphism** of 077372

POLYOLS
esters of polyalkoxylated **polyol glycosides** 074109

POLYPEPTIDES
Isolation of **structural polypeptides** of foot- 075957

POLYPHENOLS
in amount of **polyphenols** & **activity** of relat- 077854
of determination of **polyphenols** in **brewing.** 073888
nutrition on **polyphenols** & **carbohydrates** c- 077805
On **polyphenolic compounds** of certain speci- 077579
Alkaloids & **polyphenols** of **Leguminosae.** X- 077529
A method for estimating **total polyphenols** in 073864
Role of **polyphenols** & non-**volatiles** in beer 073890

POLYPHOSPHATES
Effect of **ammonium polyphosphate** on grow- 077633
On use of **polyphosphates** as **components** of 081516
polymers & **inorganic polyphosphates.** [Penc- 077309
Studies on rates of **polyphosphate synthesis** 077332

POLYPLOIDS
IV. Distribution in relation to **polyploidy.** 076675
Polyploid apple & pear varieties. 076993
Polyploidy in **Basella.** 077155
pairing in Avena strigosa **polyploid complex** 077046
Range & **polyploidy** of **genus** Gladiolus. 076703
Polyploidy & radioresistance in yeast. I. Eff- 077196
L. & evolution of **polyploid wheats.** [Einkorn 076917

POLYPODIACEAE
obtusa (Spreng.) Torr. **(Polypodiaceae),** in 076632
Photocontrol of germination of **Onoclea** [se- 077536

POLYPORACEAE
e Ibiza's collections of **Polyporaceae.** 076805
disease in Tamil Nadu. [**Ganoderma lucidum** 079014
Triterpene metabolite of **Trametes stowardii** 077345

POLYPORUS
discharge in **Polyporus tomentosus.** [Picea g- 078941

POLYRIBOSOMES
Localization of **polyribosomes** in **pea** chloro- 078177

POLYSACCHARIDES
Thiolation of starch & other **polysaccharides** 073810
Study of **extracellular polysaccharides** prod- 077339
Biosynthesis of **polysaccharides** from **sugar** 077571

POLYSOMES
Attachment of **chloroplast polysomes** to thy- 076956

POLYTENE
in alkali-urea treated **polytene chromosomes** 080278

POLYURETHANES
use of finishings by **polyurethane transfer.** [074039

POMACE
in pomaces & wines made from **marc.** 074311

POMOLOGY
studies of **pomological characteristics** of "Sa- 077004
of fruit physiology at **Pomological Institut** at 078063

POND
channel catfish: effects of **pond condition,** st- 073845
Ohio **pond management.** 081836
zibethica L., in **ponds** using **poisoning** rafts. 079241
of aquatic herbicide Fenac on **small ponds.** 079550
production on stock-**watering ponds** in nort- 074414

PONDEROSA
infested lodgepole & **ponderosa pine** stands. 079574

POPLAR
Association for **Poplar Culture** of Cartiere R- 076353
on rooting & growth of **poplars** in **different** 078207
A new leaf spot of **poplar incited** by Alterna- 078987
depredations on spot-seeded **yellow-poplar** in 076215

POPPY
morphine content & of oil content in **poppy** 077168
Technology of **industrial poppy-seed** product- 078421

POPULATION
Homoptera: Aphrophoridae) **populations.** 080172
of pesticides on some **Acarina populations** in 079867
among **populations** of **Anthoxanthum** odorat- 077764
among **populations** of **Anthoxanthum** bodora- 077765
bursa-dependent lymphoid **cell population.** 074583
adaptation of **Chlorella populations** to chron- 077228
Cicada populations on palms in tropical rain 080390
Evolution of **clonal populations** of Cerasus v- 077215
adaptation of **populations** of **cocksfoot** (Dac- 076846
for suppression of **populations** of **codling** mo- 079804
New syntaxonomic **populations conception** of 076834
South **Dakota population,** housing & farm c- 072698
Relationship between **population densities** of 079316
measurement of **population densities** with st- 079987
New data on effect of **population density** on 077452
Fluctuation in **population density** of false m- 079722
Fluctuation in **population density** of false m- 079723
at different levels of its **population density.** 080463
Population dynamic effect of traps functioni- 079139
Population dynamics of forest stands: an al- 076264
Population dynamics of plant nematodes in 079307
A **population dynamics** study of bollworm & 079706
Studies on **population dynamics** of Lepidosa- 079863
Population dynamics of stored-product mites 079937
Mancozeb on **populations** of **european** red s- 079862
Plant **population explosion.** [Genetic impro- 077070
index between **populations** by **frequencies** of 075237
yields through **higher populations.** 078526
of dynamics of **populations** of **Homoptera** re- 079812
South Dakota **population, housing** & farm c- 072698
feline, canine, & **human populations.** 075631
in three **populations** from **Iceland.** 080189
Total **insect population** & field relationship. 079751
numerical trends in **larval populations** of in- 079905
numerical trends in **larval populations** of in- 079907
of a shady & wave-lashed **marine population** 076836
US RDA doesn't **meet population** needs. [073611
in Drosophila **melanogaster populations** with 080277
natural Drosophila **melanogaster population** 080428
japonica **Michaelesen population** in forages 081124
of dietary lipids on **microbial population** in 074633
Maintenance of rumen **microbial populations** 074671
of experiment with a **population model** of s- 077061
by selection in two **natural populations** of D- 080267
chromosomes in a **natural population** of Dro- 080363
At infection of their **natural populations** with 080384
dehydrogenase alleles in **natural populations** 080430
US RDA doesn't meet **population needs.** [073611
of different crops in **nematode populations.** 079353
composition & **population** of **nematodes** of w- 079235
compounds on **population** of **nematodes,** on 079373
Plant population explosion. [Genetic impro- 077070
Effect of seed maturation & **plant population** 077656
of photosynthesis in forage **plant population** 077793
on fermentation & **protozoal population.** 074650
characteristics in **populations** of **Pyrgus** carl- 080191
A biometrical study of **populations** of **Pyrgus** 080193
fluctuations of **population** of **Radopholus** sim- 079354
juvenile hormone as a **population regulator.** 079641
concerning attitude of **rural population.** 072657
Comb-type trends in a **selected population.** 075320
Studies in **sheep population** & environment 074412
Studies in **sheep population** & enviornment 074654
re-breeding Merino land **sheep population** f- 075376
factors in Aedes **sierrensis population.** [Nat- 079975
Spring populations of green peach aphid on 079803
Migration & **population studies** of pink boll- 079703
Bioecological & **population studies** of cottony 079819
in Drosophila **subobscura populations** from 080262
resistant & **susceptible populations** of mosqu- 079645

New **syntaxonomic populations** conception of 076834
of variants of PhB **system** in **populations** of 074797
An **unusual population** of spiders in Utah. 080559
Particular case of **wheat populations.** 077684
Fluctuations in **populations** of **wheat** bulb fly 079685
Population & yield per hectar in fields of bl- 078621

POPULUS
in North-Central Region. [**Populus**]. 076410
physiological indices of leaves of **Populus**. 078236
FR.) Keissler. [**Populus euramericana**]. 078987
L. (Aphidina). [**Populus pyramidalis**]. 079882
Cytokinins in **Populus** x **robusta:** changes d- 078222
of balsam of Peru. [**Populus tacamahaca.** 076767
of aspen root suckers. [**Populus tremuloides,** 076916
of bacteria. [**Populus tremuloides**]. 079141

PORCELLIO
Chaetophiloscia sicula, **Porcellio dilatatus,** 080439

PORCINE
Porcine coronaviruses: co-infection of cell cu- 075619
of a hemolyzate of **porcine erythrocytes** by 074797
viral persistence in **porcine fetuses** incubated 075620
mare's serum gonadotrophin] or **porcine F-H.** 075275
A study on **porcine pneumonias** in slaughter 075862
postmortem changes in **porcine skeletal** mus- 074029

PORES
on acarine cuticles. I. **Cuticular pores** in a 080227
Comparison of density of **nuclear pores** on v- 076925
Pore size in potato starch. 074303

PORIA
acid from phenylacetic acid by **Poria weirii.** 078942

PORK
SEE SWINE

POROSITY
Study of some laws **governing porosity** of lo- 081052
Porous plates of coniform chloride cells in 080301

PORPHYRA
SEE BANGIACEAE

PORPHYRINS
in bovine **erythropoietic porphyria.** 075994
on biosynthesis of **porphyrins** in **Nicotiana** t- 077875

PORTAL
Role of osmoreception in **portal ciruclation** 074513
on level of ketone bodies in **portal vein** in s- 074710

PORTHETRIA
polyhedrosis virus of **Porthetria dispar** L. (079906

POSTIRRADIATION
SEE IRRADIATION

POSTMORTEM
SEE AUTOPSIES

POSTPARTUM
SEE BIRTH

POTAMOGETON
Potamogeton lucens found in Sor-Trondelag 076624

POTASH
Potash & its **role** in high-grade agricultural 081278
nitrogen, phosphorus & **potash** on **yield** of h- 078368

POTASSIUM
method on induction of (sodium+**potassium**) 077837
efflux of chlorine, sulfate & **potassium**+ in 077965
index of soil phoshporus & **potassium.** 081239
Influence of **adding potassium** nitrate & of 073956
Active transport of **potassium** & other **alkali** 080667
trees. II. Effect of **potassium application** & 078019
Absorption of **potassium** & **calcium** by buck- 077954
viable cells: analysis of guard **cell potassium** 076905
Analysis of sodium & **potassium content** of 077712
antogonists KCN [**potassium cyanide**] & poly 077407
phosphorus & **potassium determination** in co- 077394
phosphorus, & **potassium** in **different** agro-cl- 078365
of forms of **potassium fertilizers** of various c- 081290
Effectiveness of **potassium fertilizers** in field 081306
Phosphorus & **Potassium fertilizing** on cour- 077886
phosphorus & **potassium & irrigation** on gr- 078070
Effects of **potassium** & **magnesium** at three 077930
magnesium, & **potassium,** in **Merton** apple f- 078001
of phosphorus & **potassium metabolism** in l- 078068
Mobile potassium in rocky soils & parent r- 081263
Influence of adding **potassium nitrate** & of 073956
Release of **nonExchangeable potassium** from 081207
action of nitrogen & **potassium** in **nutrition** 077563
Studies on **potassium nutrition** of Satsuma 078019
Role of **potassium** in **nutrition** & fertilizing 078196
phosphoric pentoxide & **potassium oxide** in 078739
content of nitrogen, **phosphorus, potassium** 078067
of N,P,K [nitrogen, **phosphorus, potassium**] 078162
of NPK [Nitrogen, **phosphorus, potassium**] 078572
urea NPK [nitrogen, **phosphorus, potassium** 081323
of N,P,K [nitrogen, **phosphorus, potassium**] 081478
nitrogen, phosphorus & **potassium** in **soddy** 081030
Amount & forms of **potassium** in **soils** of nor- 081152
calcium, cesium 137 & **potassium** in **various** 077294
nitrogen, phosphorus & **potassium** on **yield** 081292

POTATOES
of polychloropinene residues in **potatoes.** 073702
research on effect of irradiation on **potatoes** 074257
of tubers from different varieties of **potato.** 074288
"roxane", a new Belgian variety of **potatoes:** 074301
Storage of **potatoes.** 074306
of processing upon nutritive value of **potato;** 074978
Inducing haploidy in **potato.** 077164
of tubers from different varieties of **potato.** 078060
from Solanum tuberosum. [**Potatoes**]. 078115
by Solanum tuberosum tubers. [**Potatoes**]. 078119
root growth in ontogeny of **potatoes.** 078186
of industrial production of **potatoes.** 078669
Increasing planting density of **potatoes.** 078752
infecting tomatoes with virus S of **potatoes.** 079210
New methods in weed control. [**Potatoes**]. 079489
of polychloropinene residues in **potatoes.** 080148
nitrogen rate on yield & quality of **potatoes** 081330
Usage-adjusted fertilisation of **potatoes.** 081347
some qualitative characters of **potatoes.** 081469
saving plantbed preparation for **potatoes.** 081535
low-volume sprinkler irrigation of **potatoes.** 081597
of vine killing on yield & quality of **potatoes** 081331
Weight loss of **potatoes** as **affected** by age, t- 074253
starch content of **potatoes** as **affected** by pr- 078791
Problems of fight **against potato** pests. [Lep- 079761
Potato virus X in **potato apical** meristems. 079145
Factors affecting increase of **average potato** 078729
mineral fertilizers to **potatoes** in **bog**-podzol- 081404
Some problems of **potato breeding** & seed p- 078780
estimation of resistance of **potato breeding** l- 079194
role of protease inhibitor from **potato bulbs** 073705
Potato chip industry & its raw materials. 074293
a practical means to control **potato common** 079136
storage of **potatoes** for **consumption** & seed 080715
as a practical means to **control potato** com- 079136
Marketing aspects of **potato culture.** 073178
application to early **potato cultured** under fo- 079490
to potato ridges in spring on **potato cyst**-ne- 079237
Control of **potato cyst**-nematode, Heterodera 079238
Potato cyst nematode in Norway. [Heterod- 079292
Herbicide application to **early potato** cultur- 079490
systems are answer to **potato eelworm.** [He- 079245
rostochiensis larvae. [**Potato eelworm**]. 079351
Evolution of **european potato.** 076704
moisture under **potatoes** on **experimental** fie- 081196
increasing yield capacity of **potatoes** in **Far** 078847
Fertilizing potatoes, standard of crop, & food 081421
Fighting weeds in **potato field.** 079523
Chemical weed control in **potato fields.** 079449
of fat extracted from French **fried potatoes.** 074316
Drive to implement intensive **potato growing** 078313
for tractors in **potatoes harvesting.** 080923
Quality of **potatoes** in **industrial** production 078668
Potato industry in south Australia. 073508
Drive to implement **intensive potato** growing 078313
acid 4-hydroxylase of **potato** a **light**-induced 078021
Is regulation needed in **potato marketing** of 073260
Potato Marketing Board in Great Britain. 073261
added phosphorus by **potato** in **Ootacamund** 078047
Problems of fight against **potato pests.** [Lep- 079761
A primer-less form of **potato phosphorylase** 078159
on resistance of **potatoes** to **Phytophthora** i- 079057
Water stress relations of **potato plant** under 077985
Sugar beets & **potatoes planted** in chemical- 081553
uptake of nutrients by **potato plants** in cent- 077636
content of different parts of **potato plants.** 078041
Foliar feeding of **potato plants** with urea. 081329
content of different parts of **potato plants.** 081369
Fungi causing dry rot of **potatoes** in **Poland.** 079059
mechanical planting of **presprouted potatoes** 080897
concentration of **potato production** in coope- 072805
mechanization funds for **potato production.** 073112
promoting development of **potato production** 078771
of potato breeding & seed **potato production** 078780
On way to **potato production** development. 078846
Potato products in food industry in USA & 074297
during continuous rectification of **raw potato** 074309
Mineral fertilizer for **potatoes** as **raw** mater- 081402
Potato recipe: water, fertilizer. 078773
collection of Institute for **Potato Research,** 078782
their significance in **potato resistance** to He- 079344
Telone or dazomet applied to **potato ridges** 079237
ammonia-lyase activities in **potato roots** & t- 079344
productivity of crop fields. [**Rye, potatoes**]. 078250
Columbia-grown certified **seed potatoes.** 078640
Potato seed vigor studies, 1971--72. 078658
High yield & good quality of **seed potatoes.** 078678
Growing suitable **seed potatoes.** [Varieties]. 078715
Growing **seed potatoes.** 078754
planting distance--size of **seed potatoes.** 078769
Development of suitable **seed potatoes.** 078770
problems of potato breeding & **seed potato** 078780
on yield & quality of **seed potatoes** after ear- 078781
potatoes for consumption & **seed potatoes** & 080715
on yield & quality of **seed potatoes** after ear- 081468
of methods of selecting healthy **seed potatoes.** 079211
Experimental host range of **potato spindle** t- 079148
rectification of raw **potato spirits.** 074309
in biochemical indices of **potatoes** & **spring** 078193
Fertilizing **potatoes, standard** of crop, & food 081421
Studies on preparation of **potato starch.** 074260
of urea on gelatinization of **potato starch.** 074261
Pore size in **potato starch.** 074303
Row fertilization of **starch potatoes.** 081401
chilli mosaic virus, a **strain** of **potato** virus Y 079186
Mechanism of chilling injury in **sweet potato.** 079367
in different varieties of **potato tuber.** 074289
Lipids of **potato tubers.** 1. Lipid & fatty acid 074288
Lipids of **potato tubers.** II. Lipid-degrading 074289
Lipids of **potato tubers.** 1. Lipid & fatty acid 078060
Lipids of **potato tubers.** II. Lipid-degrading 078061
transglucosylases from **potato tubers.** 078160
Problem of dry rot of **potato tubers.** [Fusari- 079058
on yield & quality of **potato tubers.** 081292
New **potato varieities** of interest. 078751
Potato varieties in collection of Institute for 078782
Characteristics of 43 **potato varieties** during 078783
Potato varieties, 1973. 078843
Potato virus X in potato apical meristems. 079145
PVX [**potato virus** X]-Q: an infective product 079175
Sources of resistance to **potato virus** Y in g- 079199
Effect of actinomycin D on **potato virus** X 079201
Agressive biotypes of **potato wart** in Czecho- 079093
sugar industry in Japan. [**Potatoes, wheat,** 073490
Mineral fertilization of **potatoes** & **winter** r- 081388
potassium] fertilization on **potato yield** & le- 078162
affecting increase of average **potato yield.** 078729
potassium] fertilization on **potato yield** & le- 081478

POTENCY
LH [luteinizing hormone] **potency** in **gilt.** [074976
a new class of **potent insect** growth regulato- 079643

POTENTILLA
of planting stock of **Potentilla erecta** (L.) R- 078433

POULTRY
Marketing statistics. [**Poultry**]. 073175
brooks: egg production, 1971/1972. [**Poultry**] 073353
Meat & **poultry:** clean for you. 073688
chilling on yields & tenderness of **broilers.** 074068
European trials with **broilers.** 074391
Metabolic studies in **poultry.** 074800
requirement & egg formation. [**Poultry**]. 074939
we economize on protein fed to **broilers?** 074998
flavor & fatty acid composition of **broilers.** 075002
manure as feed for livestock & **poultry.** 075023
soybean oil soapstock for **broilers.** 075041
of delaying sexual maturity of **pullets.** 2. Re- 075042
on animal organism. Experiments in **poultry** 075074
coccidiostat "Cycostat" in feeds for **broilers** 075081
rations of young cattle, swine & **poultry.** 075147
Breeding for egg production. [**Poultry**]. 075201
Line cross test with light strains. [**Poultry**] 075202
Progeny tests with **broilers.** 075204
Line cross test with **broilers,** 1971/1972. 075205
weight & dressing percentage in **broilers.** 075319
measurement of sperm motility. [**Poultry**]. 075326
with varying degrees of immunity. [**Poultry**] 075610
other microorganisms. [**Poultry**]. 075736
Marek's disease in **broilers.** Clinical & path- 075748
Newcastle disease in **poultry.** 075769
urate deposition diseases in **poultry.** 075770
obtained with three vaccines. [**Poultry**]. 075823
Tick fever (spirochaetosis). [**Poultry**]. 075852
caused by Trichophyton simii in **poultry.** 075853
of Mycoplasma gallisepticum. [**Poultry**]. 075917
Diagnosing Sumithion poisoning of **poultry.** 076166
energy-consumption & efficiency of **broilers.** 076348
tapes in California inland valleys. [**Poult-** 079987
manure as feed for livestock & **poultry.** 081823
aflatoxin B1 on resistance in **poultry against** 075625
formation in Mangifera indica L. **air layers.** 077982
of combined selection. [**Poultry breeding**]. 075283
of several antioxidants & **poultry byproduct** 075002
Poultry house **caged layers** dept. of agricult- 080788
Poultry house: **caged layers,** deep pit. 080789
Performance of **broilers** in **cages.** 074440
Poultry cages approved by DGL [German A- 080930
Effects of W. L. line of **poultry** on **certain** i- 074063
meat, skin & bone ratios in **chicken broiler** 074079
Ability of **broiler chicken** to compensate for 074722
B.-14C[carbon] in **broiler chickens.** 074541
behavioral activities in **broiler chickens.** 074757
eating & cannibalism in **poultry & chickens.** 076121
Nontoxigenicity to **broiler chickens** of corn 076135
seed in feed mixtures for **broiler chicks.** 075094
at subatmospheric pressure to **cook poultry** 074074
Poultry house: caged **layers, deep** pit. 080789
Poultry house caged **layers dept.** of agricult- 080788
flavour-imparting additives in **broiler diets.** 075001
Institute for **Poultry Diseases.** 075468
level in feed on growth of **broiler ducks.** 074874
of Marek's disease virus from **poultry dust.** 075691
Poultry & **egg** pigmentation. 073676

gallinae eradication on **poultry farms.** 080015
content of laying hens or **pullets fed** DDT in 075061
Optimal quality of **poultry feed.** 074923
Swine & **poultry feeding** after a norm. 075018
new or improved **poultry feedstuffs** by para- 075036
Relationship between fats in **broiler finisher** 075051
fluorescent pesticides on silica **gel layers.** 080099
Microbial quality of **ground poultry** meat. [073662
Poultry house caged layers dept. of agricult- 080788
Poultry house: caged layers, deep pit. 080789
humidity of air in **poultry houses** on certain 074823
in pressed peat litter in **poultry houses.** [M- 081287
practice of obtaining **hybrid poultry** in Japan 075430
Evaluating new or **improved poultry** feedstuf- 075036
Industrialized poultry raising in Cuba. 074493
Poultry industry's tasks in 1973. 073531
Poultry influenza. 075941
from Tennessee Meat & **Poultry Inspection** 073524
on egg production in White **Leghorn Layers** 074951
Use of dazomet as a **poultry litter** fumigant 075654
Nutritive value, toxicity, **Poultry, livestock]** 074965
Processed **poultry manure** for use in mixed 074372
industry: Keratine & **poultry manure** as feed 075023
On nutritive value of **poultry manure:** Meta- 075076
industry: Keratine & **poultry manure** as feed 081823
modifying straight feeding of **broiler mash** on 074863
Efficient inspection of **poultry meat.** 073603
Microbial quality of ground **poultry meat.** [073662
of unknown nutrients in **poultry nutrition.** 074919
Cs[cesium] in **poultry organisms** & in hen's 073589
pressure to cook **poultry parts.** 074074
lighting regimes on **broiler performance.** [H- 074386
for comparison of **poultry performance.** [Cz- 075247
phosphate in tissues of **poultry poisoned** ex- 076126
Processed poultry manure for use in mixed 074372
fats in chiller water from **broiler processing** 075051
Progress in **broiler production.** 073204
from record books; **broiler production,** 1971 073354
Advice for **broiler production.** 074410
Breeding for **broiler production.** 075203
of perfection for dairy **products, poultry** pro- 073590
requirements of **poultry** as **provided** in their 074880
Resistance of **broilers raised** from standariz- 074801
disease: Scourge of **poultry raisers.** [Mycopl- 075597
view of & perspectives on **poultry raising.** 073402
Problems of **raising broilers** in cages. 074492
Industrialized **poultry raising** in Cuba. 074493
other growth stimulants in **poultry raising.** 074612
Poultry rearing: A branch with increased ri- 073476
Technique for **rearing poultry.** 074424
Rearing broiler sexes separate versus combi- 074439
Disinfestation of soil of **poultry runs** with u- 075925
Rearing **broiler sexes** separate versus combi- 074439
of Far East. [Cattle, **sheep, poultry].** 075857
of Salmonella in **broilers slaughtered** in Sici- 073562
Tasks of **poultry slaughtering** & processing 074000
Meat & **poultry, standards** for you. 073687
1971 texas **poultry statistics.** 073356
Jordan (1925) in **poultry** & its **successful** co- 080013
animal improvement. [Cattle, **swine, poultry** 073315
plant thermal effluents. [**Broilers, swine].** 080739
1971 **texas poultry** statistics. 073356
acids & related compounds on **thin layers** of 073874
dilemma. [Nutritive value, **toxicity, Poultry,** 074965
Linoleic acid requirement of **turkey poults.** 075059
of Arizona-disease infected **turkey poults.** 075665
of sulfaquinoxaline in **turkey poults.** [Coccid- 075725
amino acid levels for starting **turkey poults** 075052
on growth & performance of **broiler type** ch- 074738
viral diseases of **poultry** by **vaccination.** 075820
glucose-6-phosphatase of **broilers** at **various** 074809

POVERTY

sciences oppressed & **poverty stricken.** 072701

POWDERS

solution speed of instatt **beverage powder.** [073885
powder & clecithin"-enriched **milk powder,** 073965
as a basic source of energy & **powdered skim** 075125

POWDERY

inheritance of resistance to **powdery mildew** 077095
Control of **powdery mildew** of marrow (Erys- 078896
Powdery mildew of cereals & its control. [E- 078919
distribution, & control of **powdery mildew** & 078945
fungicde for tobacco **powdery mildew,** in to- 078983
aestivum L.) assortment to **powdery mildew,** 079064
Powdery mildew of cereals. [Barley, wheat, 079079
Studies on **powdery mildew** (Erysiphe gram- 079097
distribution, & control of **powdery mildew** & 079795

POWER

Decline of **animal power** & rearing of solipe- 073297
Decline of **animal power** & rearing of solipe- 074444
Tractor **power determines** operations. 080906
Northwest resulting from **electric power** ge- 080745
of using "non-peak" **electric power** for supp- 080774
Profitable **power farming.** 073073
Purchasing **power figures** for agricultural m- 073270
classification of **Japanese power** tillers & h- 080808
Conceptional performance of **Japanese power** 080809
On **mechanical power** in mechanical systems 080996
Experimental **pathogenic power** of a strain 075579
control in animal shelters using **power plant** 080739
Comparison of **power required** for soil tilling 080834

POX

Host plants of **plum pox** virus. 079188

PRAIRIE

Bees of mesophilic meadows & **prairie fores-s** 080608
alfalfa seed production in **prairie provinces.** 078327
Prairie sandreed (Calamovilfa longifolia): w- 077777

PRATYLENCHUS

fumigation of **Pratylenchus brachyurus** in p- 079313
penetrans or **pratylenchus coffeae** & Fusari- 079260
penetrans & **Pratylenchus minyus** in two O- 081154
densities of **Pratylenchus penetrans** & crop 079316
Radopholus **similis, Pratylenchus].** 079357
cotton in Gezira. [**Pratylenchus sudanensis]** 079346

PRECIPITATION

composition of protein **precipitates isolated** 074207
properties of **precipitation patterns.** 081661
milk in production of **protein coprecipitation** 073977

PREDATION

Notes on **predaceous habits** of gray field slug 079809

PREDATOR

Functional response of **predators.** [Insect pe- 079650
Oecophylla longinoda, an **ant predator** on 080395
Feeding specificity for **anthocoride predator** 079673
delta-endotoxin on an **insect predator** which 080105
Predators investigated for biological control 079953
breve, through **predator organisms.** 079447
urticae. Phytoseiulus **persimilis, predators].** 079674
Numerical response of **predators** to **prey** de- 079824
treatments on this **predator** of **tobacco** pests 079705

PREFABRICATED

Prefabricated building for swine houses? 080758

PREGNANCY

Nutrition during **pregnancy.** 073796
Mating of & **pregnancy** in **Arctic** fox. 075223
energy requirements of **pregnant breeding** s- 075157
on cows during **pregnancy & breeding** period 075399
structure of ovaries of **pregnant cows.** 074812
On feeding **pregnant dry** Simmental cows w- 075144
during oestrous cycle & in **early pregnancy.** 075174
placenta of goat during **early pregnancy.** 075250
of sheep fetal fluids during **early pregnancy** 075269
Prenatal immunization & protection of new- 075614
Influence of **pregnancy & lactation** on volun- 075004
minerals in cattle in **pregnancy-to-lactation** 075021
estrogen excretion by **pregnant mare.** 075183
heifers treated with PMSG **[pregnant mare'** 075275
prolactin during late **pregnancy, parturition** 075350
for keeping non-**pregnant & pregnant** sows to 080778
on duration of **pseudopregnancy** in **rat.** 075272
sheep. III. Effect of **pregnancy & seasons** of 075803

PREMATURITY

Effect of **premature discharge** of amniotic fl- 076105

PRENATAL

SEE PREGNANCY

PREPUPA

free amino acid pool of **honeybee prepupa (** 080398

PRESERVATION

Preservation of blood by allylisothiocyanate 074060
Influence of **different preservation** methods 073063
Egg yolk changes during **preservation of egg** 074062
Bombyx mori L.) **eggs preservation** in clima- 080682
mounting medium for **preserving fluorescence** 076994
Preservation of fruits & vegetables: How it 073682
Problems of **grain preservation** in storage fa- 074183
Preservation of pollen & improvement of pl- 077073
on methods of **preservation of silkworm** eggs 080680
chemical treatment to **preserve stored** wood 076539
Results of **preservation of storm** thrown tim- 076456
How to **preserve sugar** beet pulp? 074155
pressure & **preservation** with **sulphate** cooki- 076434
Evaluation of chemicals for **preserving wood** 076537
of dry-rot control & **preservation of wooden** 076568

PRESERVATIVES

toxicity of some copper-**chrome preservatives** 076563
Toxicity of **preservatives** for **laboratory** ani- 076170
in acute poisoning by **wood preservatives.** 076171
method for evaluation of **wood preservatives** 076564

PRESSING

Influence of **pressing** on **composition** & qual- 073973
Fat pressing & compressors in DLG [Germ- 080929
on accumulation of nutrients in **pressed peat** 081287
Press & radio in agriculture & forestry. 072622
liquid: Solid separation with a **screw press.** 081810

PRESSURE

nitrogen bindings in **pressure-ammonificated** 074319
measuring instruments on **pressure conditio-s** 081000
wood with steam under **different pressure &** 076434
Steam **pressurized double**-disk refining--a n- 076531
Equal pressure of purchase plans-a condition 073126
of beer flavor compounds by **high pressure** l- 073891
Mills & milling. II. **Hydraulic pressure & s-** 074091
Effect of **moisture, pressure,** & temperature 074338
under influence of **osmotic pressures** of nutr- 077486
Osmotic pressure of some plants in steppa a- 077596
Water, osmotic & **pressure potential** relatio- 078059
Use of steam at **subatmospheric pressure** to 074074
influence of **pressure & temperature** stimuli 074459

PRETREATMENT

Pretreatment effects on rates of aldrin met- 078002
effect of **isomer pretreatment** of lindane me- 074641

PREVENTION

Coccidiosis should be **prevented.** [Eimeria, s- 075690
Milk fever can be **prevented.** 076029
Causes & Measures for its **Prevention.** 081086
exaggeration! [Tractors, **accident prevention]** 080860
work: what is secret to **prevent accidents?** 3 080725
of filters in **preventing airborne** disseminati- 075806
Prevention of **blossom** dropping with (2-chl- 079385
measures for its **prevention** in **Chambal** co- 081650
Prevention of **chloroform** & thiobarbiturate 075450
Prevention & control--a two way attack on 079743
Epidemiology & **prevention** of **Diplodia** stem 078890
A veterinary program for **disease prevention** 075489
instead of winter wheat to **prevent disease** c- 079034
for protection of pigs? **[Diseases, prevention** 075859
with reference to **preventing disorders** of mi- 075021
terminology of **erosion-preventive** measures 081562
Prevention of **frost** & hail injuries to fruit t- 079358
water management for **mosquito prevention** 079955
cured & measures to **prevent** its **recurrence.** 081639
On **preventing tapeworm** disease of farms. 075936
Prevent viral diseases of poultry by vaccinat- 075820

PRICES

production in Schleswig holstein. **[Prices].** 073177
prognosis--a necessary evil? **[Prices].** 073272
Agricultural prices from economic-political 073213
types of stall construction; a **price analysis.** 080760
of EEC. cereal support; **prices announced** for 073200
Ratio of costs & **prices** of **basic** agricultural 073074
Strong rise in real **estate prices** in 1972. 072992
in cereal productio n by **estimating price** of 081338
Crisis over EC **farm prices** resolved for 1973 073230
Cultivated grass & **price** of **feed** cakes. [Dai- 078254
Community] council **fixes** 1973/74 **prices.** 073220
vegetable prices: seasonal **price fluctations.** 073348
at three rates on yield & **price** of **flue**-cured 077930
Are **food prices** high? 073280
Mechanism of **price formation** in commercia- 072793
A model of cash & **futures price** relationships 073342
Are food **prices high?** 073280
Nitrogen fertilizer: **price levels** & sales in Il- 081370
Dollar & elections. **[Livestock, prices].** 073194
Present price quotations for wool in some f- 073291
Butter reduced in **price, protein** more expen- 073284
Present **price quotations** for wool in some f- 073291
Prices received by Oklahoma farmers, 1964 073299
A model of cash & futures **price relationships** 073342
Crisis over EC farm **prices resolved** for 1973 073230
Farmer's **price response,** a study on acreage 073364
changes in vegetable prices: **seasonal price** f- 073348
Demand & **price situation** dept. of agricultu- 073321
decomposition of slaughter **steer prices** & its 073337
in animal fattening. [Chickens, **swine, prices** 073264
When will **swine prices** topple over? 073333
Fresh fruit & **vegetable prices,** 1972. 073329
Studies of changes in **vegetable prices:** seas- 073348

PRIMER

SEE BOOKS

PRIMEVAL

Relics of Coleoptera fauna in **primeval forest** 080605

PRIMITIVE

Glume fertility in **primitive bread** wheats of 077255
contractile mechanism of **primitive motile** s- 076883
characteristics of modern & **primitive wheat** 077689

PROCESSING

mmercial aspects of wheat before **processing** 073278
increase of milk production & **processing.** 073979
Tasks of poultry slaughtering & **processing** 074000
of ethephon on cucumber for **processing.** 078048
influenced by variety, location & **processing** 074279
of vegetation in salt **accumulation processes.** 077299
New systems & technologic **processes appli-d** 073881
A new concept of **processing beef** & lamb. 074035
Control of oxygen in **beer processing.** 073863
Study of **biochemical processes** in livestock, 074838
physiological & **biochemical processes** in pl- 079410
Gatnon upon certain **biochemical processes** 079546

physiological & **biochemical processes.** 081194
in chiller water from **broiler processing.** 075051
of improving quality of **processed cereal** pro- 074198
Results of chantes in **cereal processing** met- 074199
Deeping quality of tinned **processed cheese** 073654
on influence of various **cleaning processes** on 075694
as seen from meat-**processing combine** view 074463
Effect of **processing conditions** on isolation 074161
Primary **processes controlling** light induced 077283
Data processing equipment in dairy: dairy of 073960
Possible use of **data processing** equipment in 074040
Purdue forest **data processing** service progr- 076263
A draft of a meat **processing department** for 074057
Role of titanium in **enzymatic processes** & i- 074816
Data **processing equipment** in dairy: dairy of 073960
Possible use of data **processing equipment** in 074040
of infrared-roasted & **extruder-processed** so- 074957
Feed processing for high performance cows. 074344
Digestibility of **processed feedlot** manure (C- 074900
Nutrition in **food processing.** 073800
liquid nitrogen in **food processing,** solid was- 073822
apricot varieties in **processing** of **fruit** syrup. 074304
Research Institute for **grain processing.** 074125
How **grain processing** methods compare. [F- 074330
as raw material for **processing industry.** 081402
market structure in meat **processing industry.** 073242
Automatic **information processing** in system 072865
isolated from rice starch **processing liquors** 074207
market structure in **meat processing** industry 073242
flux measurement during **processing** of **meat** 073997
of meat storage & **meat processing.** 074013
A draft of a **meat processing** department for 074057
pig production as seen from **meat-processing** 074463
raw material & **processes** of **mechanical** defi- 076557
of chantes in cereal **processing methods** in y- 074199
How grain **processing methods** compare. [F- 074330
Ultra-high-temperature **processed milk.** 073981
On patterns of **processes** of **nutrition** determ- 075152
Influence of **processing** upon **nutritive** value 074978
Palm **oil processing.** III. Physical refining. 074295
to determine long run **optimal processing** pe- 074245
bases for fruit & vegetable **processing plant.** 074310
Processed poultry manure for use in mixed 074372
Primary processes controlling light induced 077283
reserves on stability of **production processes** 073886
in field of agricultural **products processing** as 072913
for estimation of **processing properties** of fat 073904
Ration processing of Leonard millet. [Swine 074901
of sanitary measures & **serology processes** to 075849
Purdue forest data **processing service** progr- 076263
liquid nitrogen in food **processing, solid** was- 073822
roasted & extruder-**processed soybeans** in b- 074957
isolated from rice **starch processing** liquors 074207
Steam processed wheat & barley for use in 074098
Aroma changes during **processing & storage** 074262
of sugar beet & **processed sugar** beet into st- 075108
New systems & **technologic processes** appli- 073881
meat peptides in **technological processes.** 073911
Ultra-high-**temperature processed** milk. 073981
Aspects of **timber processing.** 076445
Deeping quality of **tinned processed** cheese 073654
Evaluation of **processing tomato** varieites for 078730
boron in growth & sugar-**transport processes** 077834
all reserves to increase **vegetable processing** 074291
bases for fruit & **vegetable processing** plant. 074310
beech wood pulp of **processed** for **viscose.** 074326
Costs of **processing, warehousing** & selling F- 073205
Steam **processed wheat** & barley for use in 074098
from harvesting & **processing** of **whole** cereal 078317
fleece properties & **processing** of **wool.** 074052

PRODUCTION

of cooperation between science & **production** 073542
under industry-like conditions of **production** 074462
copper, & iron on ochratoxin A **production.** 077322
under industry-like conditions of **production** 078707
specialization of **production.** 078709
Gluconic **acid-producing** bacteria from honey 073878
Securing **adequate production** of leek for co- 073235
of competition. [**Agricultural production**]. 072831
of competition. [**Agricultural production,** col- 072832
method of controlling **agricultural production.** 072836
intensity of **production** in **agricultural** coope- 072859
specialization of **agricultural production.** [C- 072870
Coverage of **agricultural production** costs in 072873
equipment on **agricultural production.** 072946
responsibilities. [**Agricultural production,** re- 073026
of European North. [**Agricultural production** 073028
of regional **agricultural production.** 073392
planning of **agricultural production.** 073423
Relations between **Agricultural Production** 073464
cattle production in **agricultural production** 073465
intensification of **agricultural production.** 073483
intensification of **agricultural production.** 073545
Tobacco growing at **Agricultural Production** 078464
intensification of **agricultural production.** 080753
use of electricity in **agricultural production.** 080755
to improving **agricultural production** in Vol- 081616
Study of **agricultural production** specializati- 081709
quality standard on **agricultural production.** 081755
intensification of **agricutlural production** in 081536
Production of **alfalfa** & clover seeds in Pola- 078383
Production of **alkaline** phosphatase & secret- 075602
On sainfoin seed **production alone** or in ass- 078479
in industrialized **animal production.** 072881
Development of **animal production** & world 073395
years with no progress? [**Animal production** 073558
investigations in **animal production.** 074384
new branch of large-scale **animal production** 074481
capacity of buildings for **animal production** 080710
method for **production** of **antiglobulin** serum 075796
Intensification of **apple production** (literatu- 078732
Forms of **production associations.** 072833
Stall environment & **production** of **baby** pigs 074470
A system for **production** of **baby** pigs. 074471
Gluconic acid-**producing bacteria** from honey 073878
Standards of **basic production** capital for rai- 073111
encountered in continuous **bee production.** 080661
Intensification of **beef production** as a result 072889
of different possibilities of **beef production.** 072934
A scientific basis for **beef production** on farm 072940
organization & allocation of **beef production** 072971
among farms cooperating in **beef production** 073121
be actively counteracted. [**Beef production** e- 073499
of maximal raising of **beef production** & its 073532
nitrogen for milk & **beef production.** 081319
Technology of industrial **beef production** in 074473
Production benefits from gambel oak control 079437
Observations on net **biomass production** in 078216
feeding on bodyweight, **production, blood** fat 075158
Production of **brassins** from rape pollen. A 077754
Cost of **production** of a **breeding** swine. 072994
Progress in **broiler production.** 073204
from record books; **broiler production,** 1971 073354
Advice for **broiler production.** 074410
Breeding for **broiler production.** 075203
Technology of **bulgur production.** 074216
males of beef breeds for **production** of **calves** 075214
Standards of basic **production capital** for rai- 073111
parameters among **production carcass** comp- 075252
rationalization of **carnation production.** [Di- 078696
conditions within beef **cattle production.** [F- 072849
of industry-like beef **cattle production.** (East 072880
evaluation of beef **cattle production** on past- 072986
Development of slaughter **cattle production** 073465
Industrial slaughter **cattle production.** 073466
Trends in beef **cattle production** in United 073559
large-scale enterprises of **cattle production--** 074453
aspects of world wide **cereal production.** 072646
for intensification of **cereal production** from 072810
of size & structure of **cereal production** in a- 072811
in intensification of **cereal production.** 078295
Intensification of **cereal production** within c- 078301
further intensification of **cereal production** in 078316
for intensification of **cereal production.** 078318
cultivation methods in **cereal production.** 078319
in industrialized **cereal production.** 081350
cultivation in intensive **cereal production.** 078309
of fertilizers **production, changes** in their as- 081458
peanut plants: **production & characteristics** 078262
Development of sweet **cherry production** in 078701
Extension of sweet **cherry production** in fa- 078702
socialist working team. **Cherry production** a- 078703
Production of **clover** & alfalfa seeds in Czec- 078386
growing at Agricultural **Production Co**-oper- 078464
Agricultural **production, collective** farming] 072832
principles in **production** of **complex** herbicid- 079413
allocation of beef **production complexes** by 072971
a view to protein **concentrate production.** 077444
Is your **production** in good **condition?**: Pract- 073902
of basic crops under **production conditions** 078459
of fertilizers under **production conditions** of 081412
Effect of **production conditions** on exploitat- 081711
Review of **production & consumption.** [Cocoa 073186
Production-consumption relation of beef & l- 073243
situation in **production & consumption** of gr- 073309
Agricultural **Production Cooperatives** & indi- 073464
water on barley & **corn production** in a sub- 077662
nitrogen fertilization in **corn production.** 081392
Coverage of agricultural **production costs** in 072873
method of planning **production costs.** 073024
North. [Agricultural **production, costs**]. 073028
incentives as savings from **production costs.** 073030
means of reducing their **production costs** in 073129
a systems approach to **producing cotton** in 079261
Cotton production under alternative insectic- 079754
concentrates in rations of **cows producing** 4, 075160
s new in automated ice **cream production?** 073926
Changes in **crop production** in East Worces- 072623
inter-farm co-operative **crop production.** 072931
Diversification in Ilinois **crop production:** 1 073452
problems of prognosis of **crop production** de- 073505
No tillage **crop production.** [Corn, sorghum, 078477
as an aid to mechanized **crop production** & 080934
saline & alkaline soils on **crop production** & 081534
Natural basis for forage **cropping production** 078350
yields in greenhouse **cucumber production.** 078691
Production in **culture** of plant growth regula- 078988
Drive to increase flue-**cured production.** [To- 073347
Production of **cyclamen** flowers--is it profita- 078697
various breeds in course of **production cycle** 075032
facilities of industrialised **dairy production.** 075494
co-operative plant **production departments.** 072809
of prognosis of crop **production development** 073505
On way to potato **production development.** 078846
plantings of steroid-**producing Dioscorea** sp- 079617
Lake States pulpwood **production dips** to 4 076553
Production on **dryland** seeded pastures in S- 078291
point of view of **production & economic** effe- 074438
Biological & **economic production** in radiata 076369
Results from record brooks: **egg production,** 073353
Rise in **egg production.** 073360
light & dark cycles on **egg production** in fowl 074741
Egg production in hens continuously irradia- 074778
Effect of different cereals on **egg production** 074951
ascorbic acid & sulfate on **egg production** & 075045
of changing protein level on **egg production.** 075050
Effect of vitamin E on **egg production,** hatc- 075066
Breeding for **egg production.** [Poultry]. 075201
Growth & **enterotoxin production** by various 073640
development of plant **production equipment.** 080908
development of plant **production equipment** 080918
of nitrous oxide for **producing eupolyploids** 077711
Production &, evaluation of agriculture in G- 073349
enterprises for potato **production--example** f- 072805
Close link of **experimental production** stati- 072642
counteracted. [Beef **production exports**]. 073499
as a means of intensifying **farm production** 072888
profitability of state **farm production.** 073127
profits help Pakistan boost **farm production** 073223
enterprises of cattle **production--feeding** of 074453
main task of **fertilizer production.** 081279
of mineral **fertilizer production.** 081301
Crucial problems of **fertilizer production** & 081460
for development of **fertilizers production,** ch- 081458
Increased wood-**fiber production:** technology 076337
Future of **fiber production** in North-Central 076555
agricultureal enterprises in **flax production.** 078286
Laboratory studies of **production** of **fluid** fer- 081355
for proof of **production** of a **fluorescent** pig- 078910
How many can we feed? [**Food production**] 073418
Forage production of Harmon oats, four per- 078329
Extending season of **forage production** on b- 078535
Aspects of **forest production** of west of Can- 076195
of large-scale **production forms** of cattle bre- 080775
Securing a high level of **fruit production** to 073441
Chemical control of **fruit production.** [Grow- 078051
scale vegetable & **fruit production.** 079291
on strawberry plant & **fruit production** on N- 081518
Production function of nitrogen fertilization 081337
of allotment of **production funds** to another 072804
of capital investments & **production funds** in 073086
Future production & market development in 073393
Studies on mode of **gas production** in artific- 074982
glutamate catabolism & **glycogen production** 075858
A technique for **production** of **gnotobiotic** fo- 075569
pest control in **gooseberry production.** 079287
effectiveness of **production** of **grafted** grape 073084
Factors increasing **grain production** in Ukra- 073422
moisture on growth & **grain production** in u- 077732
for wheat forage & **grain production.** 081482
technology for **production** of **grape** rootstoc- 078809
of nitrogen on **production** of **grasses.** 081475
management an aid to **greater production** of 081671
to movement of cutters **group production** rat- 078353
of Programme of Plant **Production Growth.** 081461
cytokinins on **production** of **haploid** embryos 077620
vitamin E on egg **production, hatchability** & 075066
costs & revenues in **production** of **hatching** 073072
from record books: **production** of **hatching** e- 073355
costs & revenues in **production** of **hatching** 075321
Efficiency & Cost of Copped **hay production** 074329
On **heat production** of livestock--a contribut- 080718
on **production** of **hemagglutination**-inhibiting 075584
of biomass & primary **production herb** layer 076812
Towards industry-like **honey production.** 080687
operation of a **humid production.** [Coffee]. 073902
Production of **hybrid** calves for fattening in 074461
Increased pork **production implies** rational 075112
concentration of **production--important** cond- 072956
Possible increase of **production** by **improved** 078357
rationalisation to **increase production** of sto- 074028
Resources for **increasing production** of feeds 073018
Increasing production of mutton & wool & 073129
Intereffect of **production indices.** [Agricultu- 073014
Producing induced mutations in soybean. 077198
in transition to **industrial production.** 072887
Transition to **industrial production** methods 073465
with sex odor in **industrial production.** 073998
for cattle fattening in **industrial production** 074946
Quality of potatoes in **industrial production** 078668
chemization of **industrial production** of pota- 078669
Organization of **production** in **industrialized** 072881
economic results by **intensified production** 073308
pregnant sows to **intensify production.** 080778
Role of Spring wheat in **intensive production** 078551
Investigation on **production** of 14C [carbon] 077806
thei r change in **jam production.** 073585
of cows **producing** 4,000-6,000 **kilograms** of 075160
combining means of **production & labor** force 072814
connected with transition to **leek production** 078699
Yield stabilization in **lettuce production** in p- 078693
study of some aspects of **lifetime production** 074642
under conditions of **maize production** region 078573
Production & marketing of garlic by cooper- 073069
of growth pattern on dry **matter production** 077788

Dry **matter production** of forage plants. VI. 077793
calculating amount of dry **matter production** 077794
compounds on dry **matter production** of buc- 077952
Producing mature plants from embryos exci- 077670
Breeding of **meat production** with turkeys, 075207
female line of rabbits for **meat production.** 075235
of relationship between **meat production** & 075331
Simmental cattle. [**Meat production**]. 075405
Transition to industrial **production methods** 073465
Production methods similar to industry in f- 076300
further development of **production methods** 076301
to expansion of grade A **milk production** in 072852
Optimized model for **milk production** on sta- 072882
Milk production in grassland farming: Farm 072904
Systems of **milk production** for arable farm 072916
Industrial **milk production** in Siberia. [Dairy 072970
primary means of increasing **milk production.** 072978
Quick review of daily **milk production.** 073171
Comparative study of **production** of **milk** for 073276
Future growth of **milk production** in Northe- 073509
Hygiene & sanitation in **milk production.** 073969
to further increase of **milk production** & pro- 073979
gained in ensuring a high **milk production** in 074458
as an indicator in planning **milk production** 074480
Effect of heat stress on **milk production** of 074600
young cattle & in **production** of **milk.** 074910
Production of **milk** from feeding cow: with a 074925
of feed supply in intensive **milk production.** 074947
of growth hormone on **milk production** & fe- 074962
rations for industry-like **milk production.** 075108
with beef cattle for **milk production.** 075245
variability of milk **production, milk** & blood 075352
aspect of industry-like **milk production.** [Ca- 075365
High **milk production** by fully utilizing adv- 075368
manure in cattle breeding & **milk production** 080722
s opinions of plan. [**Milk production** stabili- 073454
meadows & pastures in **mountain production** 078284
Activation of **nisin production** by UV [ultra 073938
Green Rebolution & **production** in **Norway.** 073237
Production of **oil** palm plant material: Choi- 078456
Plant spacing for **onion production.** 078829
premises for **organizing production** of mixed 074370
Report on agricultural & **pastoral production** 073370
rate for maintaining **pasture production.** 081442
of feedstuffs. II. Gas **production patterns** by 074982
of capital assets in **production** of **perennial** 073050
Formation of **permanent production** teams as 072885
Large-scale **photosynthetic production** of ca- 077693
Tasks of **pig production** as seen from meat-p- 074463
Possibilities of rationalizing **pig production** 074467
in view of economics of **pig production.** 075032
working out of 1973 **production plan.** 072691
Estimate method of **planning production** cos- 073024
for forage cropping **production planning** in 078350
in co-operative **plant production** departments 072809
organisation of cooperative **plant production** 072885
research tasks solved in **plant production.** [078283
research tasks solved in **plant production** [078285
vehicles in industrial **plant production.** 080844
Trends in development of **plant production** 080908
Trends of development of **plant production** 080918
Industrial-scale **plant production** & problems 081414
to new techniques of **plant production.** 081443
in intensification of **plant production.** 081455
of Programme of **Plant Production** Growth. 081461
economic effectiveness of **pork production** on 073098
establishment in boosting **pork production.** 074464
of efficiency in **pork production.** 074465
Increased **pork production** implies rational 075112
a short-term increase in **pork production.** 080779
characteristics of **production** & **post**-harvest 074209
Model enterprises for **potato production**--ex- 072805
mechanization funds for **potato production.** 073112
promoting development of **potato production** 078771
of potato breeding & seed **potato production** 078780
On way to **potato production** development. 078846
Production potential for beef cattle in weste- 073500
Production potential of apple & pear trees in 078636
Aflatoxin B1 **producing potential** of isolates 079025
of agriculture. VII. **Present production** of so- 074444
Dynamics of biomass & **primary production** 076812
Overground net **primary production** in three 076819
Madagascar) in 1971. II. **Primary producti-n.** 077476
reserves on stability of **production processes** 073886
Some problems of **production profile** from p- 078302
Adjustment of **production program** to branch 072847
concentrated milk in **production** of **protein** 073977
basis for improving milk **protein production** 075367
Lake States **pulpwood production** dips to 4 076553
evaluation of **production** & **purchasing** meth- 073099
For **production** of **quality** milk. 073679
Large-scale **rabbit production** for meat as a 074481
Plant protection in **raspberry production.** 079288
movement of cutters group **production ratio** 078353
Production of **raw** sugar from sorghum juices 074212
Vegetable **production recommendations.** 078759
Production of **redpepper** extracts for pharm- 074308
Factors in growth of **production** & **reducing** 073013
under conditions of maize **production region** 078573
pastures in mountain **production regions.** 078284
Studies on **production relations** of deciduous 078216
Production reserves in agriculture: agricultu- 072913
Agricultural **production, returns**]. 073026
roots as affected by **rhizobial production** of 077787
as affecting to **rhizobial production** of IAA [078062
A continuous **rice production** system. 078270
Management of water for **rice production.** 081670
Mechanization of large-**scale production** fo- 080775
of cooperation in field of **seed production** by 073470
Breeding & **seed production** of economic pl- 077120
Seed production in Hungary. 077121
ability estimates of **seed production** in flue- 077239
Potential for alfalfa **seed production** in prair- 078327
spacing & seeding rate on **seed production** of 078337
Soybeans varieties grown & **seed production** 078467
On sainfoin **seed production** alone or in ass- 078479
Agrotechnique for red clover **seed production.** 078385
of industrial poppy-**seed production.** 078421
Production of **self**-pollinating strains in self- 077211
sheep population for **production** of **semi**-fine 075376
on incorporation of **sheep production** into in- 072931
relationships in **sheep production.** 075304
Silk production in medieval Japan. 080677
transition to **production similar** to industry 076304
Skin production for 1971/1972 season. [Mi- 074037
in agricultural **production societies** of Germ- 073465
Lime & molybdenum in **soybean production** 081506
of agricultural **production specialization** und- 081709
results of various **production specializations** 072894
Age features of **spermatozoa production** of b- 075347
of plan. [Milk **production stabilization**]. 073454
link of experimental **production stations** for 072642
in new plantings of **steroid-producing** Diosc- 079617
irradiation in a nisin-**producing strain** of Str- 073938
from goats, & **production** of **subclinical** mast- 075727
Technology in **production** of **sugar** beet abro- 078554
Economics of **swine production.** 073067
of milk & slaughter **swine production** in Sch- 073177
tendencies in **swine production** of enlarged 073533
Barn climate in industrial **swine production** 074407
to intensification of of **swine production.** 074472
cross breeding in **swine production.** 075286
Buildings for **swine production.** 080750
A continuous rice **production system.** 078270
Formation of permanent **production teams** as 072885
Bone meal of new **production technology** in 075136
grown & seed **production technology.** 078467
Production of **textile** & other articles with c- 073368
Guide for **producing** no **tillage** soybeans in S 078287
High **timber production** & increase in net p- 076291
methods on flue-cured **tobacco production.** 078541
stabilization of **tomato production** in plastic 078692
of development in field **tomato production** a- 078706
varieties for vine-ripe **tomato production.** [079392
Toxin production by Pseudomonas tolaasii 078917
in development of **tractors production.** 080920
trends in **production** of **tractors** & farm mac- 080967
seedbeds to imporve **transplant production** in 081509
On **trial production** of tilling-seeder set to r- 080931
supplies & steps in **production** in **typical** size 076433
agriculture & size of its **production units.** 072965
Production & **utilization** of rice. 073453
significance in **production** of **variable** amphi- 077079
Economic results of **various production** spec- 072894
Relationship between milk & **veal production** 074452
Industrial-scale **vegetable production** & dem- 073263
Task of **vegetable production** under glass & 073440
regulators in fruit & **vegetable production.** 073617
Genetics & **vegetable production.** 077188
Development of **vegetable production** under 078695
Vegetable production recommendations. 078759
regulators in fruit & **vegetable production.** 080072
vIII. Barriers to **production** of **viable** inters- 077067
Waterfowl production on stock-watering po- 074414
phosphorus fertilizer for **wheat production.** 081483
which should be advanced. [**Wine production**] 074305
L. Industralization of **wood production.** 076339
genetically different in **wool production.** Iii. 074550
in development of **production workers** for a- 072642
teams as a basis for **production** & **working** o- 072885

PRODUCTION&

Republic. [**Agricultural production&**]. 073421

PRODUCTIVITY

in livestock, including **age, productivity** & fe- 074838
Estimation of **agricultural productivity** inde- 073363
irrigation methods on **productivity** of **alfalfa** 081715
patterns in APO [**Asian Productivity** Organ- 078271
between type & **productivity** of **Blackheaded** 075437
Productivity of a **Brahman** herd in Colombia 074450
study of growth & **productivity** of a **Calluna** 077431
study of growth & **productivity** of a **Calluna** 077432
energy indices & **productivity** in **changes** in 080987
indices of blood & **productivity** of **chickens.** 074823
Effect of age on **productivity** of **Chinese** gee- 075287
their relationship to **productivity** in **cows** of 075406
Productivity of **crested** wheatgrass pastures. 078334
of fertilizers on **productivity** of **different** var- 081293
of blood of cows of **differing productivity.** 074802
Productivity of **direct** seeded pure grass sta- 078326
A comparison of **productivity** & **diversity** in 076854
Evaluating productivity of cows of Black Pi- 075421
Productive grouping of winter pasture lands 072725
Increasing productivity in camel raising. 074495
of agricultural **productivity indexes** in Hokk- 073363
of traits of **productivity** in **irrigated** winter 077246
Productivity of **irrigated** pastures with mine- 081512
Productivity of **labor** & how to increase it. 072821
Planning & analysis of **labor productivity.** 072837
Increasing **labor productivity.** 072839
Means of increasing **labor productivity** in ca- 072955
Means of increasing **labor productivity** on 072962
conditions for growth of **labor productivity.** 072956
Analysis of **productivity** of **land.** 072740
of peat fertilizers on **productivity** of **light** so- 081490
in feed rations of **productive livesto-** 075152
Development of **logging productivity,** 1950/ 076319
Meat productivity of young Tombov Red, B- 074485
Comparative evaluation of **meat productivity** 075425
increasing of **productivity** & new **methods** of 075140
Factors affecting **milk productivity** & effecti- 075402
Introduction of only **productive oats** varieties 078546
in APO [Asian **Productivity Organization**] 078271
pasture lands. [forage **plants, productivity**] 078566
Potential productivity from annual & perenn- 077474
Investigations on **potential productivity** of w- 078373
Investigations on **potential productivity** of w- 078374
Primary productive properties of swine & t- 074482
Primary productivity of crop fields. [Rye, p- 078250
Primary **productive properties** of swine & t- 074482
Development of **productive qualities** in cros- 075436
an important cause of **reducing productivity** 079140
of farm size on **resource productivity.** 072895
parameters of **productivity** of **Romanian** Si- 075341
On **productivity** of **second**-generation corn 078509
Comparison of **productivity** of **several** species 078376
green canopies & **productivity** of **sheep.** 074475
Sow productivity in piglet rearing farms of 074443
Biology & **productivity** of some **species** of n- 077953
of amino acids on **productivity** of **sugar** beet 077166
I. Comparison of **productivity** of **varieties.** 078373
between growth of **productivity** & **wates** on 073097
architecture & **productivity** of **wheat** crop. 077942
development & **productivity** of **winter** & spr- 077755
development & **productivity** of **winter** & spr- 077756
Study of **wool productivity** of sheep of vario- 075417
of characteristics of **work productivity** in ag- 073463
are not expressed in **productivity yields.** 072748

PROFITS

Produce feed at a **profit.** 072856
Cockerel market: to produce less--**profit** mo- 073331
of cyclamen flowers--is it **profitable?** 078697
pushes forward farm in silence & with **profit** 080777
Profitable dairying in Ontario dependent on 073957
On trend of free surplus of **profit** to **early** r- 073125
Cotton **export profits** help Pakistan boost f- 073223
Business strategies for **growth, profit** & clie- 072788
timber production & increase in **net profits.** 076291
Profitable power farming. 073073
Caging tomatoes--a **profitable practice.** 078626
More **profit** from **store** lambs. Guide lines f- 073344

PROGENY

basis of their own utility & that of **progeny** 075285
Pied bulls for meat qualities of **progeny.** 075434
pine nursery; based on ten year old **progeny** 076356
of lens tissue from **progeny** of **chick** retinal 074694
week body weight of normal & **dwarf proge-y** 075317
semi-sterility in **progeny** of **irradiated** Gloss- 080264
Judging progeny of breeder bulls of Vitebsk 075401
performance & **progeny performance** of cag- 075318
cellular development in **progeny** of **protein-** 074975
Aneuploidy in **seed progeny** of allopolyploid- 077204
boar evaluation on basis of **progeny testing** 075284
Progeny tests with broilers. 075204

PROGESTERONE

oestrogens & **progesterone** in **bovine** after s- 075270
Blood level of **progesterone** & **cell** picture of 076085
Assay of **progesterone** by **competitive** protein 074677
Control by **progesterone** of **concentration** of 074645
beta oestrone & **progesterone** in **jugular** ven- 075174
Progesterone, LH [Luteinizing hormone] es- 075349
hormone & **progesterone** during **oestrous** cyc- 075258
Progesterone & synthetic progestogens in d- 074806
Concentration of **progesterone** in **systemic** p- 074660
Changes of **progesterone, total** oestrogens, c- 075175

PROGRAMMING

of separable & mixed-**integer programming.** 072987
Linear programming for multiple-use manag- 072774
mix on range lands with **linear programming** 072884
feedstuffs by parametric **linear programming** 075036
Principles of **programming yield** capacity. [078564

PROGRAMS

Grass tetany **alert program** in north Georgia 076022
protein yield into cattle **breeding program** of 075186
protein yield into cattle **breeding program** of 075188
Breeding program for laying hens. 075229
implementing hybrid pig **breeding program** 075360
Cattle **breeding program** present topic: Bav- 075380
Practical **breeding programs** for jack pine in 076412
New basic sugarcane **breeding program** at 077237

using an APL/360 **computer program.** 073715
Computer programs for pollen analyst. 076752
Program for **development** of cattle rearing f- 072786
processing service **program documentation.** 076263
Dietetic **education programs** for pre-school 073717
of two antibiotic **feeding programs** for growi- 074905
World **Food Program** marks decade of provi- 073435
income effects of Federal **food programs** for 073512
might affect your **forestry program.** 076419
Government program & farmer. [Cotton, su- 073548
Forage & **grain programs** for dairy farms wi- 072908
role in national & local **health programs** in 075519
An **ideal program** for feeding of lean pig. 075098
testing & purebred-**improvement programs** in 075384
trees; a short history of **program & list** of tr- 078647
analysis of a state **loan program.** 081720
community watershed **management program.** 081723
s environmental **management program.** 081788
World Food **Program marks** decade of provi- 073435
General **operational program** in Delta Mosq- 079954
England Spruce-Fir Seed **Orchard Program.** 076414
Ontario's water taking **permit program.** 081728
Pilot programs in off-farm agricultural occu- 072699
Cattle breeding **program present** topic: Bav- 075380
Adjustment of **production program** to branch 072847
Nutritional **rehabilitation programs.** 073716
Avocado root rot **research program.** [Phyto- 078938
Program in **Rhineland**-Pfalz: Further develo- 073398
Kern County **Scouting Program.** [Cotton, pe- 079752
forest data processing **service program** doc- 076263
for using yield **simulation programs** for dwarf 079574
in integrated scientific-**technical program** of 076307
A **veterinary program** for disease prevention 075489

PROJECTION

Projection-viewer for microscale aerial phot- 076329

PROLACTIN

SEE LUTEOTROPIN

PROLAPSE

Surgical correction of **prolapse** of **urethra** in 076015

PROLIFERATION

Proliferation in **Cymbopogon** & its role in p- 077745
dietary phosphorus on **proliferation** of **liver** 075689
in flowering & **proliferation** of **long**-day plant 077485

PROLINE

of glutamic acid to **proline** in **chick.** 074754
Influence of **proline deficiency** on enzymes 076049

PROPAGATION

Root growth in **propagation.** 077473
of avocado in aseptic culture. **[Propagation]** 078646
Method of **propagation** of **grapes** by layering 078815
Propagation of **Mahaleb** cherry (Prunus ma- 078747
methods of **propagation** of **Mangifera** indica 078605
Propagation of **Mangifera** indica L. by air-l- 078606
Techniques of **propagation** of **mango** in Ceyl- 078604
Mango propagation studies at government 078607
Effect of soil heating & **propagation medium** 078213
Effects of duration of **propagation period** & 078056
Cymbopogon & its role in **plant propagation** 077745
Layering. **[Plants, propagation].** 078855
Propagation & **rootstock** problems in Mangi- 078601
Propagation from **seed.** 24. Testing & growi- 078201
researches on **propagation techniques** in ma- 078603
Vegetative propagation of Bombacopsis quin- 076386
Studies of **vegetative propagation** of lychee 078035

PROPHYLACTIC

pathography & **prophylaxis.** 075771
of matnesium bullets for **prophylaxis against** 076032
employed in **chemoprophylaxis** of **animal** di- 075105
Prophylaxis in **bovine** brucellosis. 075775
a condition for more **efficient prophylaxis** & 075532
Prophylaxis of **farms** against lungworm infe- 075943
Prophylaxis of **hypoferrid** anaemia in suckli- 076034
Prophylactic immunization of heifers against 075681
A contribution to **medical prophylaxis** of at- 075682
infections: Etiological **notions, prophylactic** 075774
Studies into **oral prophylaxis** of anaemia in 076035
of a brucellosis **regional prophylaxis:** Adapat- 075849
psittacine birds for **prophylaxis** & **therapy** of 075684

PROPIONATE

administration & **testosterone propionate.** 074532

PROPIONIC

L. Moench) treated with **propionic acid.** 074083
Propionic acid--a potential control for deter- 076526

PROSOPIS

Mozena obtusa, **Prosopis glandulosa,** Biolog- 079487

PROSPECTS

SEE FORECAST

PROSTAGLANDINS

Review: **Prostaglandins;** somatic substances 075471
Prostaglandins. [Veterinary medicine]. 075513
ovulation & **prostaglandin** F2alpha in **heifers** 075349

PROTEASES

synthesis & release of **extracellular protease** 077360
of fraction I protein by a **protease increased** 077733
Studies on role of **protease inhibitor** from p- 073705

PROTECTION

under U.S. Plant Variety **Protection Act.** 073459
preparation for tree **protection against** game 076199
Effect of chemical **protection against** gamma 077224
Soybeans **protection against** pests & diseases 079380
for preparation of soil & **protection against** 078772
Plant **protection agents** in vegetable culture- 079815
Protecting agricultural buildings from rats. 080784
Soil **protective agriculture** in steppes of sou- 081581
New **animal protection** legislation. 073416
new law for **protection of animals".** 073415
Protection of **Arizona**-disease infected turkey 075665
On **protective capacity** of grass swards in s- 081588
Protection of **cereals** against lodging. [Varie- 078560
Effect of **chemical protection** against gamma 077224
turkeys (strain FC126) to **protect chickens** 075624
Protective clothing for hazardous pesticides 080114
of aircraft means in field **crop protection.** 080941
Environmental protective herbicides: Techni- 079454
Packing & **environmental protection.** 081785
rearing & **environmental protection.** 081818
agriculture--**environmental protection** & poll- 081830
important part of **environmental protection.** 081846
surface waters as **environmental protection.** 081884
Protective equipment for drains. 080939
Use of plant **protection equipment** in ceral 080942
Protection, expansion & fertilization of soil 081578
Fall protection for tractors forcefully prescr- 080859
quality of forage for animal **feed protection.** 081284
a new fungicide for **protection** of **flower** pla- 079011
Forest protection & ban on applying DDT. 076181
tasks of research in **forest protection.** 076269
Causes of failure of **forest protection** in cont- 079009
Cryptograms: how to **protect fruit** trees. [A- 079010
Environmental **protective herbicides:** Techni- 079454
Passive transfer of **protection** with **immune** 075729
Some ways & means of **insect protection** in 080397
plan for 1972 of Plant **Protection Institute.** 079361
Agriculture & **land protection.** 081797
New animal **protection legislation.** 073416
Protecting level sill bank outlets. 081557
application of plant **protective materials.** 076245
application of plant **protection materials.** 079293
Protective & metabolic properties of rats' sk- 075028
Economic effect of **neglecting protective** qua- 073008
immunization & **protection** of **newborn:** ovine 075614
Rabies **protection ordinance** partly invvalid. 073475
total & general immunity in **protecting pigle** 075574
Ill-timed alarm for **protection** of **pigs?** [Dis- 075859
arising from application of **plant protection** 073617
after application of **plant protective** materia- 076245
Plant protection from within is systemic te- 079075
from point of view of **plant protection** in U- 079228
Second list, March 1973. **[Plant protection]** 079265
Cox's Orange Pippin: **plant protection.** [Ap- 079281
Plant protection in raspberry production. 079288
problems of cooperative **plant protection** in 079291
Correct application of **plant protection** mate- 079293
Plant protection service in Mongolia. 079302
Plant protection in cereal culture of tomorr- 079339
in Bibliographhy of **Plant Protection.** 079342
Development of **plant protection** research in 079361
Modern methods of **plant protection.** 079372
Some urgent tasks of **plant protection** with f- 079374
present-day problems of **plant protection.** 079376
pesticides used in field of **plant protection** & 079377
cooperation in field of **plant protection** & p- 079379
Plant protection in eastern Bohemia. 079394
Economic Community. V. **[Plant protection]** 079422
attractants & their use in **plant protection.** 079665
Plant protection agents in vegetable culture- 079815
arising from application of **plant protection** 080072
of Siegfried in Zofingen. **[Plant protection]** 080076
of secondary effect of **plant protection** prod- 080077
on accuracy of nozzles in **plant protection.** 080936
Use of **plant protection** equipment in ceral 080942
for pest disease control. **[Plant protection].** 080982
of FF designed for **product protection.** [Fro- 073667
effect of plant **protection products** on useful 080077
effect of neglecting **protective quality.** [Equi- 073008
Rabies protection ordinance partly invvalid. 073475
on bactericidal & **protection reactions** of or- 074810
Development of plant **protection research** in 079361
Bioclimatology & **sanitary protection** of cro- 079256
Plant **protection service** in Mongolia. 079302
Soil protective agriculture in steppes of sou- 081581
of investigating effective **soil protection** from 081591
Soybeans protection against pests & diseases 079380
A universal preparation for **tree protection** 076199
Progress in plant **variety protection** with pr- 073457
Plant **variety protection** for publicly develo- 073458
under U.S. Plant **Variety Protection** Act. 073459
Progress in plant **variety protection** with pr- 078377
Plant **variety protection** for publicly develo- 078378
under U.S. Plant **Variety Protection** Act. 078379
value of means of **wood protection.** 076562

PROTEINASES

Determining **proteinase activity** in grain & i- 074106
Proteinase activity in relation to leaf spot of 078960
Isolation of **alkaline proteinases** from Asper- 077362

PROTEINS

two levels of dietary magnesium & **protein.** 073711
two levels of dietary magnesium & **protein.** 073712
Testing seeds for oil & **protein.** [Field crops 074082
blood plasma triglycerides & **proteins.** 074751
to increase content & quality of **proteins.** 077127
grain varieties as a source of **protein.** 077933
cowpea chlorotic mottle virus & its **protein.** 079178
of nucleic acids, basic & **acidic proteins** in g- 077398
blood picture (hemogram), **proteins & amino** 074695
Exchange of **proteins & amino** acids of wheat 077632
Animal proteins in human nutrition. 073791
Animal protein in swine rations. 074938
skim milk & Torula yeast as **basic protein** s- 075125
Better protein from corn? [Breeding]. 077136
for ruminants: Possibilities for **better protein** 075024
intestinal calcium-**binding protein** in laying 074593
Uterine calcium-**binding protein** in laying f- 074594
progesterone by competitive **protein-binding** 074677
fate of riboflavin-**binding protein**-riboflavin 075323
Proteins of **blood** serum of calves infected w- 075970
Analysis of **proteins** of **boar** vasicular secret- 075327
on soluble & cell wall **bound protein** in Cic- 077495
Biochemical aspects of **protein-calorie** maln- 073752
Separate effects of **protein & calorie** manlut- 074970
Dynamics of **protein & carbohydrate** metabo- 078008
protein levels & of **changing protein** level on 075050
of progesterone by **competitive protein**-bind- 074677
ii activity & pigment-**protein complexes** in f- 078129
On **protein composition** of blood serum of n- 074829
aspects to improve **protein composition** of f- 074911
trimethylamine in fish **protein concentrate.** 073635
utilization of fish **protein concentrate** & cas 074533
protein with a view to **protein concentrate** p- 077444
trimethylamine in fish **protein concentrate.** 080095
feeds, mixed feed **concentrates; protein**-vita- 075149
Tests **concerning protein** in feed. 075129
Changes in weight & **protein content** of meat 074016
cattle for an increased **protein content** in mi- 075334
an energy variance & crude **protein content** 076348
Inheritance of oil & **protein content** in a dia- 077037
fodder barley with higher **protein content.** 077125
Changes in crude fibre, fat & **protein content** 077420
Protein content of winter wheat grain as rel- 077655
of nitrogen fertilization on **protein content** 077934
simazine in increasing plant **protein content** 077961
amendments on yield, oil, & **protein content** 078022
simazine in increasing plant **protein content** 079610
amendments on yield, oil, & **protein content** 081063
by estimating price of crude **protein content** 081338
fertilization on yield & **protein content** of c- 081339
milk in production of **protein coprecipitation** 073977
on isolation of **cottonseed protein** by sodium 074161
Study of **proteins** in **course** of seed germinat- 078096
fat content & amount of **protein** in **cow's** mi- 075412
World-wide feed **protein crisis.** 074317
Chromic oxide & **crude protein** excretion in 074653
of an energy variance & **crude protein** conte- 076348
Effect of atrazine on **crude protein** & nitrate 077630
n by estimating price of **crude protein** conte- 081338
cystine content in **crude protein** of various 081340
Protein crystalloids in stroma of bean plast- 078154
into chloroplastic & **cytoplasmic proteins** by 077734
Protein for **dairy** cattle. 074997
development in progeny of **protein-deficient** 074975
of initial air inclusion & **degree** of **protein** b- 074341
World **protein demand** climbs higher. 073447
to bovine PPD [purified **protein derivative]** 075651
bovine PPD [purified **protein derivative]** tu- 075870
acid composition of **proteins** in **developing** 077752
Proteins & development in a dioecious plant 077623
of swine with different levels of **protein diet** 074051
Dietary protein quality in infants & children 073709
medium chain triglycerides & **dietary protein** 074974
of hydrocarbon yeast as **dietary protein** sou- 074986
Effect of forced feeding & of **dietary protein** 075053
Effect of feeding **different protein** levels & of 075050
from potato bulbs in **digesting protein** food 073705
enzymes associated with **digestion, protein** 075053
Dry protein mixture in feed rations of grow- 075072
Effects of **protein & energy** intakes on wool 074868
Enzymatic protein hydrolyzate (EHB) as a 075756
Estimation of **protein & evaluation** of protein 073743
Lysine in feed ration & **protein exchange** in 075137
Chromic oxide & crude **protein excretion** in 074653
Expensive protein--more silage. 074334
deficiency on content of **fat, protein,** manga- 076006
location & year of planting on **protein & fat** 077726
under in-vitro conditions. **Protein & fatty** ac- 074546
Can we economize on **protein fed** to broilers 074998
World-wide **feed protein** crisis. 074317
to level & quality of **proteins** in **feed.** 074822
dimethyland trimethylamine in **fish protein** 073635
Comparative utilization of **fish protein** conc- 074533
dimethyland trimethylamine in **fish protein** 080095

from potato bulbs in digesting **protein food** 073705
wheat & barley for use in **protein fortified** f- 074098
of three wheat **proteins found** in chloroform 074162
On studies of substitution of **protein fraction** 077703
amount of total protein & **protein fractions** 074827
dialysis & properties of **protein fractions.** 075327
formation & blood serum **protein fractions** a- 075605
Study of **protein fractions,** lipoproteins & gl- 075609
On changes in **protein fractions** of blood sera 075888
Proteins & fractions in blood serum in cases 075927
formation & blood serum **protein fractions** a- 075993
of procedure to determine **gross protein** val- 074987
difference in **proteins** of **groundnut** (Archis 078397
Haemolymph protein patterns in developing 080321
polymorphism of **proteins** of a **hemolyzate** of 074797
High protein mutant forms of Lathyrus lines 077184
High protein oats--a useful companion crop 078330
Breeding fodder barley with **higher protein** 077125
behavior of **proteins** from **honey** bee hemol- 080666
Versatility of **hydrolysed proteins.** 073842
carbon to decoloring of **protein hydrolyzate** 073918
Enzymatic **protein hydrolyzate** (EHB) as a 075756
Some aspects to **improve protein** compositi- 074911
Selecting cattle for an **increased protein** con- 075334
X. Change in lipid-**protein interaction** in mi- 079367
Pre-existence of chlorplast **lamellar proteins** 077731
II. Effect of magnesium & **protein level** on 073712
Effect of **protein level** in feed on growth of 074874
Influence of **protein level** of plant origin on 075034
protein levels & of changing **protein level** on 075050
of forced feeding & of dietary **protein level** 075053
Protein levels for swine fed to heavy weights 074954
Protein levels for swine fed to heavy weights 074955
Effect of feeding different **protein levels** & of 075050
meal-gelatin diets at three **protein levels.** 075057
with unbalanced energy & **protein levels.** 076026
in sweet potato. X. Change in **lipid-protein** 079367
on content of fat, **protein, manganese,** ash, 076006
Antiviral properties of **membrane proteins** in 079212
interaction of all **proteins** of **membrane** exc- 074554
Studies on **protein metabolism** in higher pla- 077733
Studies on **protein metabolism** in higher pla- 077734
Protein metabolism in seeds in heterotic co- 077908
Proteolytic digestion of **proteins** of **milk** fat 074564
On incorporation of **milk protein** yield into 075186
On incorporation of **milk protein** yield into 075188
Present level & results of **milk protein** reco- 075367
Dry **protein mixture** in feed rations of grow- 075072
of carboxyl groups of **muscle proteins** & beh- 074032
High **protein mutant** forms of Lathyrus lines 077184
Change in amount of **protein nitorgen** in wi- 077675
Non-**protein nitrogen** additions to silages for 074920
of different fractions of **protein nitrogen** in 077676
Protein & nucleic acid components of elder- 079176
pyrantel treatment & **protein nutrition** on p- 075726
High **protein oats**--a useful companion crop 078330
of puberulent genotype on **oil, protein** & su- 077724
Protein in **packaged,** standard feed concentr- 074353
Haemolymph **protein patterns** in developing 080321
Photosystem ii activity & **pigment-protein** c- 078129
of simazine in increasing **plant protein** cont- 077961
In vitro **protein polymerization** & nucleopro- 079206
acid composition of **protein precipitates** isol- 074207
Butter reduced in **price, protein** more expen- 073284
basis for improving milk **protein production** 075367
of fraction I **protein** by a **protease** increased 077733
Rational **protein provision** for fattening swi- 074882
with a purified diet free from **pure protein** 074925
of avian & bovine PPD [**purified protein** der- 075870
reference to bovine PPD [**purified protein** d- 075651
Dietary **protein quality** in infants & children 073709
of protein & evaluation of **protein quality** by 073743
Effects of **protein quality** & quantity on pro- 073751
Feed planning in regard to **protein quality.** 074912
of some properties of **rapeseed protein** with 077444
Rational protein provision for fattening swi- 074882
level & results of milk **protein recording,** ba- 075367
rom point of view of **protein researc** h. 074911
electrophoretic patterns of **reserve proteins** 077761
fate of riboflavin-binding **protein-riboflavin** 075323
Lysine-**rich proteins** in high-lysine Hordeum 077850
for pesticide toxicity to **protein** & **RNA** syn- 080083
Save protein by reducing feed losses. [Swine 074942
harve in 1972. [**Proteins, sedimentation** rate 074113
Level of total **protein, seromucoid,** neuramin- 074712
production, milk & blood **serum proteins,** & 075352
Agglutinin formation & blood **serum protein** 075605
Effect of low **protein** & **skip-a-day** grower d- 075055
Water-**soluble proteins** & free amino acids in 075873
hydrocarbon yeast as dietary **protein source** 074986
speeding up evaluation of **protein sources** in 073743
milk & Torula yeast as basic **protein sources** 075125
Pyrolysis of **soybean protein** & an amino ac- 074165
Protein spectra of mosquitoes Culex pipiens 080203
with growing chicks. I. **Standard protein** & 074987
Effect of **protein supplementation** on hair of 073707
Bedding with **protein** for **swine?** [Feed]. 075102
vitamin B12 upon RNA & **protein syntheses** 074799
by cycloheximide of **protein synthesis** in cul- 077350
of phosphate absorption & **protein synthesis** 077409
Level of **total protein,** seromucoid, neuramin- 074712
Total proteins in liver homogenate of WL 074767
specificity of determination of **total protein** 074769
Total proteins in pectoral muscles of domest- 074770
Change in amount of **total protein** & protein 074827
Evaluation of digestibility of **treated proteins.** 075000
of tobacco mosaic virus **protein unit** 150-158 079160
Utilizable protein: quality & quantity conce- 073739
quality & quantity on **protein utilization.** [073751
Energy & **protein utilization** in forages fed 074963
Possibilities for better **protein utilization.** [075024
Feed & **protein utilization** under different e- 075100
procedure to determine gross **protein value** 074987
Synthesis of tobacco mosaic **virus protein** un- 079160
swine on feed rations with **protein-vitamin** s- 075142
mixed feed concentrates, **protein-vitamin-mi-** 075149
In **vitro protein** polymerization & nucleopro- 079206
Characterisation of three **wheat proteins** fo- 074162
World protein demand climbs higher. 073447
On incorporation of milk **protein yield** into 075186
On incorporation of milk **protein yield** into 075188

PROTEOLYTIC
Proteolytic activity associated with pathoge- 078908
Proteolytic digestion of proteins of milk fat 074564
Proteolytic & trypsin inhibitory activities in 078114

PROTOCHLOROPHYLLIDES
protochlorophyllide 650 in **dark** grown whe- 077835

PROTONEMA
germination & young **protonema growth** of 077488

PROTONS
phosphorylation on size of **proton gradient** 078032

PROTOPLASTS
of cultured cells & **protoplasts** of **Ammi** vis- 076891
in ribonuclease level in **protoplasts isolated** 077868
on isolated tobacco **mesophyll protoplasts:** e- 077877
Infection of tobacco **mesophyll protoplasts** 079200
of Nocotiana **misophyll protoplasts** of norm- 077535

PROTOZOA
Lithuanian SSR. 7. Numbers of **Protozoa.** 081034
on fermentation & **protozoal population.** 074650

PROTURA
Four species of **Protura** new to **British** Isles 080531
Materials to fauna of **Protura** of **Poland.** 080476

PRUNES
T on fruit size of pozegaca **prune cultivar.** 078073
formation in some important **prune cultivars** 078064

PRUNING
Chemical pruning of caneberries (brambles) 079444
Pruning experiments with pears. 078058
of time & energy in **grape pruning.** 078868
Effects of training & **pruning** of **Japanese** p- 078018
Pruning landscape plants. 078853
depending on various **pruning methods** of vi- 078015
palmate method of **pruning** of **peaches** suita- 078641
On effect of **pruning** on **rate** of change of ce- 078236
of pneumatic devices for fruit-**tree pruning.** 080877
Effect of **pruning** on **yield,** fruit weight & ve- 078742

PRUNUS
auxin effects in various species of **Prunus.** 077992
of a crop: almond tree. [**Prunus amygdalus**] 078616
of cherry embryos (**Prunus avium** L.). 077006
of Mahaleb cherry (**Prunus mahaleb** L.) by 078747
growth of black cherry (**Prunus serotina** Er- 078200

PSEUDALETIA
cutworm. [Euxoa **auxiliaris, Pseudaletia** uni- 080332
in no-tillage corn. [**Pseudaletia unipuncta**]. 079736

PSEUDOMONADACEAE
seedlings. [**Xanthomonas malvacearum**]. 079144
of paddy in India. [**Xanthomonas oryzae**]. 079135
of lettuce in Natal. [**Xanthomonas vitians**]. 079132

PSEUDOMONAS
Bdellovibrio **bacteriovorus, Pseudomonas** gl- 079118
C of **Pseudomonas chlororaphis** & its toxici- 080257
a fluorescent pigment by **Pseudomonas mors** 078910
Research on variations of **Pseudomonas mors-** 079123
among **phytopathogenic Pseudomonas** species 079128
tolerant to **Pseudomonas solanacearum.** 077016
broth cultures of **Pseudomonas solanacearum.** 079129
III. Research on **Pseudomonas syringae** (V- 079122
tobacco variety, F-202. [**Pseudomonas tabaci** 077034
Toxin production by **Pseudomonas tolaasii** 078917
associated with an **unusual pseudomonad** in 075630
antibiotic sensitivity. [**Pseudomonas, Vibrio,** 073681

PSEUDOPREGNANCY
SEE PREGNANCY

PSEUDOTSUGA
coniferous species. [**Pseudotsuga menziesii** g- 076287
in a nursery of **Pseudotsuga menziesii.** 079435
fir tussock moth. [**Pseudotsuga menziesii,** H- 079914
III. Douglas-fir [**Pseudotsuga menziesii** (Mi- 076513
Douglas fir cuttings. [**Pseudotsuga menziezii** 078213
of Taxus & **Pseudotsuga** as **revealed** by scan- 076879

PSILOCYBE
Psilocybe ammophila Lev. Found on Gotska 076789

PSITTACOSIS
for prophylaxis & therapy of **psittacosis.** 075684

PSYCHROMETER
of plant tissues by means of **psychrometry.** 077368

PSYCHROPHILIC
Effects of selected **psychrophilic bacteria** on 073661
Biochemistry of **psychrophilic bacteria** & th- 073681

PSYLLIDAE
Pear psylla take big bite. [Psylla pyricola] 079839

PTEROMALIDAE
Halcididae, Eupelmidae & **Pteromalidae**) of 079883
Tritneptis sp. (**Hymenoptera, Pteromalidae**) 080167

PUCCINIA
Rust fungi of madras state. III. **Puccinia.** 076718
Rust fungi of Madras State. IV. **Puccinia.** 076719
Rust fungi of madras state. III. **Puccinia.** 079028
Rust fungi of Madras State. IV. **Puccinia.** 079029
in rusts in Czechoslovakia. [**Puccinia**]. 077170
Wageningen, Netherlands. [**Puccinia**]. 078951
in rusts in Czechoslovakia. [**Puccinia**]. 079070
of crown rust of oats **Puccinia coronata** ave- 078898
races of crown rust (**Puccinia coronata** Cda. 078949
virulence in Avena: **Puccinia coronata** host- 079157
of wheat black rust (**Puccinia graminis** Pers. 078950
probl em again? [Wheat, **Puccinia graminis**] 079050
rusts of wheat. [Erysiphe **graminis, Puccinia** 079064
or antagonists of **Puccinia pelargonii**-zonalis 079113
elongatum chromosome. [**Puccinia recondita** 077258
aestivum. [Wheat, **Puccinia striiformis**]. 077133
winter wheat varities. [**Puccinia striiformis**] 078947
in Denmark in 1972. [**Puccinia striiformis,** 078952
brown rust races. [**Puccinia triticina**]. 079094

PUFF
on forming of **puffs** in **Drosophila** melanogas- 080280

PULICIDAE
Development of **Pulex irritans** L., 1758 und- 080378

PULMONARY
Acute pulmonary emphysema of cattle. 076044
to development of acute **bovine pulmonary** 076043
"Fog fever" (acute **bovine pulmonary** emphy- 076097
cases of interstitial **pulmonary emphysema.** 076100
Structure of **pulmonary vascular** system in s- 074507

PULP
of paper industry. Conversion to **pulp.** 076534
liquor analyses in Canadian **alkaline pulp** mi- 076510
How to preserve sugar **beet pulp?** 074155
Beet pulp pellets as carrier of chromic oxide 074964
Fattening cattle on fresh **beet pulp** & quality 075167
Inhibitors in **pulp bleaching.** 076486
by calculation of properties of **pulp blends.** 076527
Pulping characteristics of Pinus caribaea fr- 076548
fiber properties of **commercial pulps.** 076523
to evaluate quality of **defibrator pulp** used f- 076557
Rayon **grade pulp** from jute sticks. 074097
phenolic extractives in **groundwood pulping.** 076529
Optimization of **hardwood pulp** usage by cal- 076527
KMnO4 no. & Kappa no. for **kraft pulps.** III 076513
Bromide resudues in **pulp** of **mango** fruits s- 073561
in fatty acids in ripening **mango pulp** (varie- 074283
analyses in Canadian alkaline **pulp mills.** 076510
Screening of effluents. [Wood **pulp mills,** wa- 081855
to pollution abatement. [Wood **pulp mills**]. 081856
for air emission control. [Wood **pulp mills,** 081857
Beet **pulp pellets** as carrier of chromic oxide 074964
of lignine content of **pulps prepared** from pl- 073821
needs & trends of paper industry. **Pulp raw** 076533
of using rice straw, bagasse & **reed pulps** in 073819
Possibilities of using **pulps** of **rice** straw & 073820
of high-yield southern pine **soda pulps** by o- 076528
sugarbeet ships & dried **sugarbeet pulp.** 074319
new technique in high-yield **sulfite pulping.** 076531
branches in manufacturing of **sulphate pulp** 076437
to vegetation in vicinity of a **sulphite pulp** & 079401
Optimization of hardwood **pulp usage** by cal- 076527
hydrolysate of sulphate beech **wood pulp** of 074326
with oxygen & alkali. [**Wood pulp**]. 076538
Screening of effluents. [**Wood pulp** mills, wa- 081855
to pollution abatement. [**Wood pulp** mills]. 081856
units for air emission control. [**Wood pulp** 081857
Tests used in **world pulp** & paper research. 076532
Relationship of **pulp yield** with KMnO4 no. 076513
of statistic control of **Zarnesti Pulp** & Paper 076435

PULPWOOD
Lake States **pulpwood production** dips to 4 076553

PULSE
an ovipositional attractant for **pulse beetle,** 080252
modulus of elasticity & **pulse constant** of w- 076488
for attachment of RNA to **pulse-labeled** D- 077351
body temperature, respiratory & **pulse rate** 074599

PULVERIZATION
of Harmonia axyridis on **pulverized drone** h- 080671

PUMPKINS
kinetics in vivo. [**Pumpkins**]. 078145

PUMPS
Effect of **pumping** & **surface** drainage in con- 081084

PUPAE
on developmental rate in **X-irradiated pupae** 080248
On larva & **pupa** of **Semiotus** ligneus Linna- 080420
Aleuroczynthus woglumi Ashby in **pupal state** 079822

PUPPIES
SEE DOGS

PURCHASING
of production & **purchasing methods** for fee- 073099
Equal pressure of **purchase plans**-a condition 073126
Purchasing power figures for agricultural m- 073270
Purchase & **sale** of agricultural property. 073042

PUREBREDS
s milk in raising & crossing **purebred cattle** 075412
of eggs from hybrid & **purebred chickens.** 074081
Establishing purebred herds of meat cattle 075414
Establishing purebred herds-- work of zoote- 075433
swine-testing & **purebred-improvement** prog- 075384

PURIFICATION
of CS2 & CH3 on **purification** of **Araucaria** 079885
on sewage **biological purification** by activat- 081268
Purified bovine milk (lipoprotein) lipase: act- 073929
Manufacture of **purified cattle** immunoglobu- 075577
Purification & characterization of hexose ox- 077361
I. **Purification & characterization** of wild ty- 077436
Chromatographic purification & fractionation 081114
milk from feeding cow: with a **purified diet** f- 074925
for isolation & **purification** of **ethanol**-insolu- 077503
of some variances of raw **juice purification.** 074173
II. Properties of two **purified mutant** enzy- 077437
Purification of **oat** & rye phytochrome. 077859
Extraction & **purification** of some **organic** c- 081171
Partial purification & properties of "cytopla- 074503
Partial purification, structure & infectivity of 079204
Purification of **photoreversible** phytochrome 077869
Purification & properties of a single chicken 074560
Purification & properties of malate syntheta- 077870
Purification & properties of a phenol oxidase 080244
reference to bovine PPD [**purified protein** d- 075651
of avian & bovine PPD [**purified protein** d- 075870
on application of **purified** or **regenerated** ret- 074195
Sewage purification in fruit & vegetable ind- 081268
Partial **purification, structure** & infectivity of 079204
sulfite liquor reducing **sugar purification** by 076536

PURINES
Purine metabolism in wheat shoots treated 077626
doedycoides by 6-**methyl purine.** 077312

PYRACANTHA
SEE ROSACEAE

PYRAUSTIDAE
of European corn borer. [**Pyrausta nubilalis**] 079712

PYRENOIDS
in plants. [Chlorella **pyrenoidosa, Candida** 077355
of glycolysis in **Chlorella pyrenoidosa** during 077342
starvation in **Chlorella pyrenoidosa.** 077409
Lipoxygenase in **Chlorella pyrenoidosa.** 077453
excreted by **Chlorella pyrenoidosa** under inf- 077486

PYRETHRUM
adulticiding with **synergized pyrethrum.** 079970

PYRGUS
in populations of **Pyrgus carlinae** & Pyrgus 080191
study of populations of **Pyrgus carlinae** Rbr. 080193

PYRIDOXINE
Pyridoxine release by cells of highand low-a- 081143

PYRIDYL
trichloro-2-**pyridyl phosphorothioate**) to lay- 076140

PYROLYSIS
Pyrolysis of **soybean** protein & an amino ac- 074165

PYROPHOSPHATES
ADP [**adenosine pyrophosphatase**] of Chlor- 077352
triphosphates-**adenosine pyrophosphates** on 080177

PYRRHOCORIDAE
of trichobothria in bug **Pyrrhocoris apterus** 080313
voelkeri Schmidt (**Hemiptera Pyrrhocoridae** 080228
Dist. (**Heteroptera, Pyrrhocoridae**). 080445

PYRUVATES
labelled lactate & **pyruvate** by two-**cell** mou- 074667
dependent **pyruvate decarboxylation** in nitr- 077544

PYTHIUM
through hyphae of **Pythium debaryanum** hes- 079164
Mineral nutrition of **Pythium marinum,** a m- 078939
of robacco incited by **Pythium myriotylum.** 079088

QUACKGRASS
Fighting quackgrass in spring oil plants. [A- 079504
Fighting quackgrass with out amitrol. [Agro- 079522

QUAIL
anatipestifer isolated from a **quail.** 075579
regulation development in **bobwhite quail** (074758
in Japanese quails in **quail farms.** 075735
DF22P label) in **Japanese quail.** 074731
Fluoride tolerance of **Japanese quail.** 074735
I [iodine] uptake of **Japanese quail** in respo- 075043
hatchability of fertile eggs of **Japanese quail** 075324
n. sp. from intestine of a **Japanese quail,** wi- 075733
Marek's disease in **Japanese quail** (Coturnix 075804
Aflatoxicosis in laying **Japanese quail** (Cotu- 076139

QUARANTINE
plant protection & **phytosanitary quarantine** 079379
Plant quarantine, 1972. [Austria]. 079366

QUENCHING
Cation-**dependent quenching** of fluorescence 077997

QUERCUS
SEE FAGACEAE

QUINCE
of methods on grafting pears with **quince.** 078816

QUINONE
product of potato virus X & leaf o-**quinone.** 079175
photochemical act of **chlorophyll quinone** in- 077310
N-**quinone** on **germination** of radish seeds. 078092

RABBITS
Technical aspects in rearing of **rabbits.** 074398
Rearing of **rabbits.** 074456
in experimental animals. [**Rabbits**]. 074517
endoxan) metabolism in **rabbit:** metabolic ba- 074648
anatomy of abdominal cavity in **rabbit.** 074761
its interrelationships with copper in **rabbits** 074816
collection of hard & soft feces of **rabbits.** 074844
results of ovum transplantation in **rabbit.** 075443
on immunity in salmonellosis. [**Rabbits**]. 075971
in genital tracts of females. [**Rabbits**]. 075407
Rhipicephalus **appendiculatus, rabbits,** cattle 075795
responses of **rabbits artificially** infested with 079998
of catalase & peroxidase in **rabbit blood.** 074818
of mammalian spermatozoa. [**Rabbit, bulls**] 075271
Inexpensive, modern **rabbit cage** for househ- 080697
of ovaries of certain mammals. [**Cats, rabbits,** 074506
system in some mammals. [**Rabbits, cats**]. 074507
Rhipicephalus appendiculatus, **rabbits, cattle**] 075795
Serological response of **chickens, rabbits** & 075832
in fur-bearing animals. [**Chinchillas, rabbits**] 075668
placental circulation in **rabbit** at **different** s- 075264
Treatment & control of **rabbit diseases.** I. 075686
mortality in post-parturient **domestic rabbit** 075279
organs of **rabbits** in an **experimental** peroral 075500
in genital tract of **female rabbit.** 074668
aminoacid composition of **rabbit hair.** 074701
Hybrid rabbit Hyla of Euribrid. 075233
Experiences from **industrial rabbit** rearing. 074408
Tissue fluid in **rabbits infected** with Trypan- 075794
Problems of **intesive rabbit** rearing. I. Opti- 080698
body dimensions of **rabbits** as to their **meat** 074773
Selection of female line of **rabbits** for **meat** 075235
Inexpensive, **modern rabbit** cage for househ- 080697
fat & liver of foetal & **newborn rabbits.** 074561
embryonic mortality in guinea **pigs, rabbits** 075246
metabolism in **rabbits** in **postirradiation** dis- 076132
histological changes in **rabbits produced** by 075658
Large-scale **rabbit production** for meat as a 074481
Experiences from industrial **rabbit rearing.** 074408
Problems of intesive **rabbit rearing.** I. Opti- 080698
Large-**scale rabbit** production for meat as a 074481
of certain mammals. [Cats, **rabbits, sheep**]. 074506
against Aujeszky's disease. [**Rabbits, sheep,** 075889
of acrosomes of ram & **rabbit spermatozoa.** 075281
Selection of **rabbit Studler.** 075234
effects on sex conditions of **rabbits** & **swine** 075291
applied to growing plant. [**Swine, rabbits**]. 076127
poisoning of livestock. [Sheep, **swine, rabbits**] 076165
Tropacine & Dipyroxim. [**Rabbits, swine**]. 076167
applied to growing plant. [**Swine, rabbits**]. 077799
Development of **rabbit visual** cortex: late ap- 074790

RABIES
Rabies control by gassing foxes? 075738
Fir Seed Orchard Program. [**Picea, Rabies**] 076414
Rabies protection ordinance partly invvalid. 073475
Investigation on **sylvatic rabies** within prom- 075881
Antirabies vaccination of animals in France 075824
conditions & after infection with **rabies virus** 075798
conditions & after infection with **rabies virus** 075799
conditions & after infection with **rabies virus** 075803

RACE
species of Drosophila: **Geographical races** fr- 080190
culture of Helminthosporium **maydis race** T 076135
chlamydospores of **physiologic races** of Fusa- 078902
Physiologic races of crown rust (Puccinia co- 078949
Physiologic races of wheat black rust (Pucc- 078950
different Lr genes to Indian leaf **rust races.** 077254
of various wheat species & brown **rust races.** 079094
different Lr genes to Indian leaf **rust races.** 079110
Role of management in **race** with **time** in lo- 076258

RADAR
Remote radar sensing: atmospheric structure 079668

RADIAL
Closure of **distal radial** epiphysis & its relat- 076008
Multivariate analysis of **radial growth** of bl- 078200
Repair of a lateral **radial head** luxation by r- 075565
size & number of vertical & **radial resin** duc- 078217

RADIANT
study of leaf canopy optics. [**Radiant energy** 077430

RADIATION
in imported lumber by gamma **radiation.** [X- 079893
species for photosynthetic **active radiation.** 077395
between **radiation conditions** & photosynthe- 077720
Radiation effects on hemolymph free amino 080398
of 60 cobalt gamma **radiation** on **equine** car- 074547
of 60 cobalt gamma **radiation** on **equine** car- 074548
effect of gamma **radiation** & **Ethyl** methane- 077888
chronic gamma **radiation** on **hybridization** b- 077109
Radiation induced interspecific gene transfe- 077111
Radiation induced interspecific gene transfer 077112
to chronic action of **ionizing radiation.** 077228
beta-**radiation** from **photoassimilated** 14C02 078231
Leaf area index & **radiation** as **related** to co- 077660
Bosicola) **radiatum Rudolphy,** 1803) of buffa- 075880
of genetic effects of **scattering radiation** with 077130
Effects of total **solar radiation** & temperatu- 077428
against gamma **radiation** on **spectrum** of chl- 077224
different types of **radiation** of **spermatogonia** 075354

RADIO
Press & **radio** in **agriculture** & forestry. 072622
Radio communication network service in Al- 072817
Radio telemetry system for study of technol- 074483

RADIOACTIVITY
Research on removing **radioactive fallout** fr- 081863
acids tagged with **radioactive isotopes.** 080381
for wheat with use of **radioactive nitrogen**(N 081302
Iii. incorporation of **radioactivity** into **wool** f- 074550

RADIOCHEMISTRY
Apparent lack of **radiochemical** & **metabolic** 077459

RADIOLOGY
electrocardiographic & **radiologic aspects** in 076055
Radiological features of spinal lesions in do- 076071
Radiological features of post-road accident 076150

RADIOSENSITIVITY
vulgaris differing in their **radiosensitivity.** 077089
Genetic control of **radiosensitivity** in **yeasts.** 077230

RADISHES
in Raphanus sativus L. Tubers. [**Radishes**]. 078109
chromatin thermal denaturation. [**Radishes**] 078112
cytokinins in Raphanus sativus. [**Radishes**]. 078120
Harvest performance of **radishes.** 078721
Actinomycosis of **radish** (Raphanus sativus 079033
isolation & analysis of **radish histones.** 078096
N-quinone on germination of **radish seeds.** 078092
plant seeds in soil. [Wheat, **radishes, weed** 079593
of certain yield components in **white radish** 078758

RADOPHOLUS
SEE TYLENCHIDAE

RAILROADS
for loading saw-mill timber on **rail-coaches.** 076519
Fertilisers & their **rail movement** in India. 081351

RAIN
annual report on effects of **added rainfall** du- 081594
manganese dynamics in a tropical **rain forest.** 078214
populations on palms in tropical **rain forest.** 080390
of Southeast Asian tropical **rain forest.** 081162
of temperature & **rainfall** on **increment** of fo- 078235

RAISIN
humidity of dried fruit: sultanas. [**Raisins**]. 074290
Mechanical harvesting, **raisin grapes**--an eva- 078643

RAMBOUILLET
in Florida Native & **Rambouillet lambs** exp- 075613

RAMIE
in native cellulose fibers. [**Cotton, ramie**]. 074221

RAMS
Seasonal variations in sexual activity of **ram** 075301
Deep freezing of semem of **rams** of **Askaniia** 075387
body shapes & live weight of **auction rams** of 074521
Plasma membrane of **ram, boar** & bull sper- 075268
Preparation of teaser **bulls, rams** & boars by 075393
Ram evaluation results on basis of their own 075285
Removal of acrosomes of **ram** & **rabbit** spe- 075281
Fertility of **ram spermatozoa** frozen in a tris 075196
of feulgen reaction of **ram spermatozoa** by d- 075265
on mitochondria of **ram spermiogenesis.** 074501
Rams at **tupping.** 074490

RANA
SEE FROGS

RANGELAND
Rootplowing & seeding **arid rangelands** in S- 078393
gophers & Colorado **mountain rangeland.** 079262
machine for arid to **semiarid rangeland.** 080894
Sediment yields from **small rangeland** water- 081664

RANGES
Range beef cattle management. 074433
Breed range-raised ewe lambs. 075220
Effects of **range burning** on Kansas Flint Hi- 078392
age/sex groups of Kenya **range cattle.** 074602
strontium concentrations in **range cattle.** 074652
a performance function for **evaluating range** 073136
Range extension of blunt-lobed woodsia, W- 076632
Relationship of **range forage** & cattle manag- 076043
Estimating utilization of **range grasses** using 078290
study in preparing for long **range growth.** 073257
Experimental **host range** of potato spindle t- 079148
new orientation in land **improvement range** 072727
function for evaluating **range improvement** i- 073136
of squirreltail in medusahead **infested ranges** 078395
Spiders of Hidaka mountain **range, Kokkaido,** 080579
Optimizing calf mix on **range lands** with lin- 072884
a case study in preparing for **long range** gr- 073257
of slanting deer fence. [**Range management**] 078396
horse-breeding in Hyuga & of **Misaki range** 075297
western part of Terskey **mountain range**). 080230
Spiders of Hidaka **mountain range,** Kokkaido 080579
Some Chilopods of Hidaka **mountain range** 080580
of larch trees out of its **range** of **natural** dist- 076366
Germination of **range plant** seeds after long 077773
Range & polyploidy of genus Gladiolus. 076703
Breed **range-raised** ewe lambs. 075220
Range renovation. 078335
professional attitudes toward **range science** 072676
foothill valleys of **Tarbagatai Range.** 081257
Wildlife **range wilderness** study. 081768

RANUNCULACEAE
study on pinnate leaves of **Ranunculaceae.** 076909
polygamum Muhl. (**Ranunculaceae**). 077399

RANUNCULUS
Jamland. [Elodea **canadensis, Ranunculus** li- 076792

RAPE
Plasmodiophora brassicae, **Cabbage, rape**]. 078905
of these metals on stability of **edible rape** oil 074237
Conclusions **form rape**-seed harvest 1972. 078322
oil, & protein content of target **rape grown** 078022
as antioxidants for refined **rape oil.** 074236
Production of brassins from **rape pollen.** A 077754
Residues of diquat in seeds of **spring rape** af- 077944
winterization in winter **rape Trebicska.** 077890
in a single test. [**Rape, turnips**]. 077993
Winter rape in district Zdar nad Sazavou. 078547

RAPESEED
oxazolidinethione, a goitrogen in **rapeseed.** 075056
Rapeseed: development & yield potential. 078275
during autoxidation of **bleached rapeseed** oil 074246
metabolizable energy value of **rapeseed meal** 075060
in course of deacidification of **rapeseed oil.** 074203
content of rapeseed oils & **rapeseed oil** foots 075037
of some properties of **rapeseed protein** with 077444

RAPHANUS
instillation of sugars in **Raphanus sativus** L. 078109
by urea cytokinins in **Raphanus sativus.** [R- 078120
Actinomycosis of radish (**Raphanus sativus** 079033

RAPHIDIIDAE
Raphidioptera, **Raphidiidae, Raphidia** L.). 080576

RAPHIDIOPTERA
et Aspock (**Neuroptera, Raphidioptera,** Rap- 080576

RASPBERRIES
height & diameter of red **raspberry Malling** 078745
Plant protection in **raspberry production.** 079288
ecovalence in **raspberry selection.** 077039
of strawberry & **raspberry** & **thei** r change in 073585
caused in **raspberries** by **Thomasiniana** theo- 078170

RATIONS
Feed evaluation & **ration calculation** based 074958
easier to feed dairy cows a **complete ration-** 075009
grass meal concentrates in **rations of cows** p- 075160
Feed rations for dairy cattle during winter f- 074935
Using ammonium salts in **feed rations** of tu- 074993
supplement of amino acids in **feed rations** of 075070
Dry protein mixture in **feed rations** of grow- 075072
On norms for sugar in **feed rations** of milch 075095
sugar beet into standardized **feed rations** for 075108
by-products in standardized **feed rations** for 075110
Lysine in **feed ration** & protein exchange in 075137
of fattening swine on **feed rations** with prote- 075142
of vitamins A, D2, & B12 in **feed rations** of 075147
degree of using nutrients in **feed rations** of 075152
mineral supplements in **feed rations** of rumi- 075148
between fats in broiler **finisher rations** & fats 075051
Developing recipes for **full-ration** mixed fee- 075149
dried grains with solubles in **layer rations.** 074918
in a feed-lot trial with a **ration** of **laying** he- 074888
Developing recipes for full-**ration mixed** fee- 075149
light horses fed a complete **pelleted ration.** 074607
Effect of a nutritionally **poor ration,** short-t- 074861
Ration processing of Leonard millet. [Swine 074901
Effect of a nutritionally poor **ration, short**-t- 074861
Studies on field bean meal in **sole rations** for 075117
evaluation of **rations & standardization** of li- 075150
Animal protein in **swine rations.** 074938
of new production technology in **swine ration.** 075136

RATOON
Ratoon-stunting disease in relation to ship- 079196

RATS
hepatic metallothionein in chicken & **rats.** 074625
Dynamics of copper absorption. [**Rats**]. 074843
Dynamics of copper absorption. [**Rats**]. 074845
of dietary medium-chain triglycerides in **rat** 074967
gossypol on absorption of iron by **rats.** 074972
on duration of pseudopregnancy in **rat.** 075272
of methyl mercury on chicks & **rats.** [Feed 076138
Protecting agricultural buildings from **rats.** 080784
pretreatment of lindane metabolism in **rat.** 074641
pesticides in lipid fractions of liver. [**Rats**]. 080146
of leucocytes in **adrenalectomised rats.** 074784
on development & growth of **rat bones** & te- 074970
Kidney vascular supply in **rat, cat** & dog. 074500
in testes of adult vitamin A **deficient rats** du- 074862
in progeny of protein-**deficient rats.** 074975
in testes of adult vitamin A **deficient rats** du- 076004
Differences in mating behaviour of **rat flea** 080407
pigment in tissues of **rats** as a **function** of di- 074662
biochemical changes in blood of **rats given** h- 073762
donor mice & hamsters to **rats immunised** a- 075837
into muclear RNA of **rat kidney** by vitamin 074544
analogs as in vitro inhibitors of **rat liver** mi- 074639
with fractions & subfractions of **rat liver** cel- 080091
of histological examinations of **rat organs** in 076171
metabolic properties of **rats' skin** in abnorma 075028
lactic dehydrogenase in **rats submitted** to st- 074585

RAUWOLFIA
of stem tissue of **Rauwolfia serpentina** Benth 077576
Alkaloids of **Rauwolfia suaveolens.** 077507

RAYON
Rayon grade pulp from jute sticks. 074097

RAYS
SEE IRRADIATION

REACTIONS
during maturation. 2. **Adrenal reaction** on a- 074532
Reaction of **apricot** & peach trees on applic- 078066
cattle. 8. Some indices of **cellular reaction.** 075607
Consumer reaction to nutrition information 073304
Consumer reaction to nutritional labels on f- 073638
Reaction of **corn** & soybeans to nutrition co- 077635
Reactivation of **feulgen reaction** of ram spe- 075265
Field reaction of different Lr genes to Indian 077254
studies & complement **fixation reaction.** 075802
of tetracycline on **immunobiological reaction** 075968
Immunological reactions to vaccine strains of 075929
fungicides. III. **Reaction** of **ketone** Mannich 080062
course of tyrosine ammonia-**lyase reaction.** 077848
Mating reactions in Trichophyton terrestre 077161
Reaction of **onion** cultivars to Botrytis [cine- 079054
pigs. I. age threshold for **ovarian reaction** to 075226
poly-L-lysine on **partial reactions** in isolated 077407
Reaction of **Pinus** sylvestris to various nitro- 081500
Primary reactions in chloroplast rearrange- 077290
on bactericidal & **protection reactions** of or- 074810
Reaction rate of lime in acid laterite soil. 081146
Fumarate **reductase reaction** of Haemonchus 075718
Food dating: **shoppers' reactions** & impact 073327
Reaction of **spring** barley varieties to applic- 081493
Varietal reaction of spring barley on sowing 078553
Reaction of **Venezuelan** varieties of bean (P- 079146

REAGENTS
A new **clarifying reagent** for flame photome- 073934
Effect of **various reagents** on morphology of 075298

REAPERS
Trials with Rapid 201, **mechanical reaper.** 080988

REARING
of birds during last four weeks of **rearing.** 074863
Calliphoridae) **reared** on **Allolobophora** chlo- 080387
Rearing of **Apanteles** chilonis Munakata on 079721
Artificial rearing of Harmonia axyridis on p- 080671
bastro-intestinal flora of **artificially reared** p- 074846
pathological condition in **aseptically reared** 080342
Rearing & biology of horn fly in laboratory: 079988
Rearing broiler sexes separate versus combi- 074439
Bombyx mori L.) **reared** in **Bulgaria.** 080681
gained at first Central **Bull-Rearing** Station 075359
Growth of **cage reared** turkeys. 074750
Early weaning experiences in **calf rearing.** 074402
without dried skimmilk for **rearing calves.** 075080
Cats reared in stroboscopic illumination: eff- 074693
Program for development of **cattle rearing** f- 072786
organisation in a young-**cattle rearing** unit. 072932
Does **rearing cattle** pay? 073095
Dairy **cattle rearing** on field cropand grassl- 075012
Present topics in **cattle rearing:** Vital statist- 075198
Cattle rearing: A dream made reality. [Coc- 079945
Rearing Costelytra zealandica (Coleoptera: 080366
Rearing cotton leafworm Spodoptera littoral- 079755
panopine species, Exetasis **eickstedtal reared** 080631
Sow productivity in piglet **rearing farms** of 074443
condition in aseptically **reared housefly** larv- 080342
plant tissue in soil-based **larval rearing** med- 080366
Livestock rearing & environmental protecti- 081818
A semisynthetic medium for **mass rearing** t- 079741
Studies on **mass rearing** of Acanthoscelides 079760
tissue in soil-based larval **rearing media.** 080366
Sow productivity in **piglet rearing** farms of 074443
intestinal flora of artificially **reared piglets.** 074846
Poultry rearing: A branch with increased ri- 073476
Technique for **rearing poultry.** 074424
of our swine **rearing progresses.** 073424
Experiences from industrial **rabbit rearing.** 074408
Problems of intesive **rabbit rearing.** I. Opti- 080698
Technical aspects in **rearing** of **rabbits.** 074398
Rearing of **rabbits.** 074456
of Special Council for **Sheep Rearing.** 074409
French **sheep rearing.** 074437
of animal power & **rearing** of **solipeds** & me- 073297
of animal power & **rearing** of **solipeds** & me- 074444
gained at first Central **Bull-Rearing Station** 075359
steps, rationalization of our **swine rearing** p- 073424
New technology of **swine rearing.** 080716
medium for mass **rearing tobacco** looper (Pl- 079741
Growth of cage **reared turkeys.** 074750
organisation in a young-cattle **rearing unit.** 072932
in dairy, fattening or **rearing young** cattle? 074423

RECEPTION
illumination: effects on **receptive fields** in vi- 074693
ilate appearance of a class of **receptive fields** 074790

RECEPTORS
americana L. 1. Changes in **receptor acuity** 080304
Electrophysiology of a new **carrion receptor** 080307
Localization of **receptors controlling** orienta- 080308
americana L. 2. **Receptor sensitivity** & polar- 080305

RECESSIVE
chromosome nondisjunction & **recessive sex-** 080426

RECHARGE
of suspended sediment during **basin recharge** 081748
Boussinesq equation with a **recharge term.** 081745
flow subject to time-**varying recharge.** 081750

RECLAMATION
on crop production & their **reclamation.** 081534
Reclamation of **grey** forest soils on slopes by 081590
Investigations, reclamation of waterlogged a- 081646
redistribution to **reclamation investments.** 073134
Improving effectiveness of **land reclamation.** 073015
water use in **Newlands Reclamation** Project 081753
After coal--what? [**Reclamation, open** pit m- 081570
some problems of **reclamation** of **Pripet** Pol- 081585
Reclamation of some **problem** soils in Thail- 081574
improvement & **reclamation science** & furth- 081529
an unsaturated area in **water reclamation** w- 081713
Reclamation of **waterlogged** areas in Kerala 081638

RECONNAISSANCE
Heterobasidiomyctetes: a **reconnaissance.** IV 076698
Heterobasidiomycetes: a **reconnaissance.** V. 076699

RECONSTRUCTION
In situ studies on **reconstruction** of a **shady** 076836
Georgi Dimitrov to **socialist reconstruction** 072662

RECORDS
Lactation **records adjusted** for days open in 075256
Analysis of **records** as an **aid.** 1-2. [Farm m- 072897
Analysis of **records** as an **aid.** 3-5. [Farm m- 072898
Results from **record books;** broiler producti- 073354
Results from **record books:** production of ha- 073355
Results from **record brooks:** egg production, 073353
Michigan (With 102 new **county records**). 080562
A new **record** of **Epilobium** adenocaulon in 076793
First records of seven species of ground beet- 080506
A new **grain record** from Halland. 078352
Record of some new **host** plants of, & biolog- 079716
Articulospora: a new **record** from **India.** 076689
for Wisconsin dairyman. [**Lactation records**] 074375
New **records** from **Lit** parish, Jamland. [Elo- 076792
New **records** & **notes** on flora of Carolinas. 076667
Photomicrographic record of light reflected 077669
New **plant records** in Waterton Lakes Nati- 076636
fimi. I. New **records** of **Podosporae,** & a new 076786
A new **record** for **Sonchus** uliginosus Bieb. f- 076633
Records of **Sumiliidae** (Diptera) from Bere 080532
obtains eight million pesetas (**world record**) 072793

RECREATION
number of forest visitors. [**Recreation**]. 076252
Water catchment management & **recreation-l** 081717
well wooded weekend & **recreational areas.** 076255
Recreation carrying capacity & wild rivers: 081883
specification of outdoor **recreation demand** f- 081882
at corps of **engineers recreation** areas. 081874
Recreation evaluation as a guide to policy 081718
perception & **recreational** uses of **Green** Bay 081878
soil classification, & **recreation potential** of 081798
in wood ticks of Utah **recreational sites.** [D- 079994
Analysis of **recreational subdivision** control 072775

RECTUM
clinical operation on **imperforated rectum** & 075521
Structure & function of **rectal pads** in Blatt- 080351

RECURRENT
cured & measures to prevent its **recurrence.** 081639
Recurrent selection for seedling vigor in bir- 077068

RECYCLE
Technology of sulphate **recycle process** & its 081353
Soil recycling of cannery wastes. 081324

RED
of hexose oxidase from **red alga** Chondrus cr- 077361
Histones from **red alga,** Rhodymenia palma- 077402
rate on seed production of **red** & **alsike** clov- 078337
productivity of young Tombov **Red, Black** P- 074485
Breeding red clover & prospects of red clov- 077116
Plictran miticide in relation to **citrus red** mi- 079632
pratense var. spontaneum willk. [**Red clover** 076935
Breeding **red clover** & prospects of red clov- 077116
breeding & seed culture of **red clover** in Ge- 077118
maintaining breeding methods in **red clover** 077152
Properties of tetraploid **red clover** in relati- 077217
Increase of **red clover** seeds in Perm area. 078384
Agrotechnique for **red clover** seed production 078385
in increasing resistance of **red clover** to dise- 079327
Control of insects on alfalfa & **red clover.** 079732
on yield & quality of **red clover** hay. 081309
sheets on growth of **red currant** cultivar "R- 078746
in comparison with singles of **Czech Red** Pi- 074776
in milk fat composition [Cows, **Czech Red** P- 075329
measurements of dairy cows. [**Czech Red** Pi- 075331
Cows, Czech Red Pied, **Danish Red**]. 075329
to study of fertility of cows of **Red Danish** 075332
European red mite, Panonychus ulmi (Koch) 079829
European red mite, Panonychus ulmi (Koch) 079830
Mancozeb on populations of **european red** s- 079862
of FD&C Red no. 4 & **FD&C Red** no. 40 in 073580
association with orchard grass or **red fescue.** 078479
of vegetation damage with ultra **red films** in 076178
Biocontrol of **Florida red** tide organism, G- 079447
flower & seed coat colour in **red gram** (Caj- 077157
physical properties, & baking of **hard red** w- 074099
desiccation experiments with **hard red** spring 077659
on milling & baking properties of **hard red** 074100
physical & chemical properties of **hebbal red** 081438
Acer pseudoplatanus) & of **red kidney** bean 076963
on growth of red currant cultivar **"Red Lake"** 078746
partridge (Perdix perdix L.) & **red legged** p- 079242
diatom Detonula sp. cultivated in **red light.** 077338
miticide in relation to citrus **red mite** resist- 079632
European **red mite,** Panonychus ulmi (Koch) 079829
European **red mite,** Panonychus ulmi (Koch) 079830
cells of Allium cepa with **neutral red.** 078153
effect of acaracides on fruit **orchard red** spi- 079873
allied compound in chilli. [**Red peppers**]. 078045
of insecticides on yield of chilli [**red peppers**] 079820
comparison with singles of Czech **Red Pied** 074776
milk fat composition [Cows, Czech **Red Pied,** 075329
of dairy cows. [Czech **Red Pied**]. 075331
of Altai Black Variegated & **Red Plain** cattle 075238
height & diameter of **red raspberry** Malling 078745
algae from coral reef at Eilat (**Red Sea**). 076837
Abe **soft red** winter wheat. 078360
Red soils of Mysore State: mineralogical st- 081147
chemical properties of hebbal **red soils.** 081438
phosphorus compounds in black & **red soils** 081092
diapausing behaviour of **red spider** mite (Tet- 079843
on populations of european **red spider** mite 079862
L.: Heteroptera-Anthocoridae) in **red spider** 079871
of acaracides on fruit orchard **red spider** mi- 079873
Control method of **red spider** mite Tetranyc- 079874
triple-breed) crosses between **Red Steppe** c- 075413
Properties of **tetraploid red** clover in relati- 077217
Biocontrol of Florida **red tide** organism, G- 079447
Meat productivity of young **Tombov Red,** B- 074485
of vegetation damage with **ultra red** films in 076178
baking properties of hard **red winter** wheat. 074100
Abe soft **red winter** wheat. 078360
II. Flavonic heterosides in **red** & **yellow** rose 078163

REDBUD
Cultivation of **eastern redbud.** [Cercis canad- 078849

REDPEPPERS
Production of **redpepper extracts** for pharm- 074308
Tomato & **redpepper growing** in sheltered a- 078828

REDUCTASES
Nitrate **reductase activity** & polyribosomal 077852
atrazine on nitrate **reductase activity** in Ho- 079534
CoA ligase, feruloyl-**CoA reductase** & conife- 077408
Fumarate reductase reaction of Haemonchus 075718
in formation of NADPH-**nitrate reductase** by 077349
of Chlorella fusca **nitrate reductase.** 077352
Reversible inactivation of **nitrate reductase** 077364
on crude protein & **nitrate reductase** in cron 077630
on synthesis of **nitrate reductase** & nitrite r- 077694

REDUCTION
Reducing "empty" milking by automatic int- 074457
symbion ts in situ using **acetylene reduction** 077654
On effect of Hyphotocin on **reduced activity** 075404
be result of forbidding or **reducing addition** 073606
ts in situ using acetylene **reduction assay.** [077654
Butter reduced in price, protein more expen- 073284
Reducing capital intensity in animal raising 073096
Reducing centralized service costs for motor 073012
attempt to determine **reduction coefficients** 078459
Necessity of **reduction** of **costs** of farm build- 072996
in growth of production & **reducing costs** for 073013
Harvesting of olives: how to **reduce costs.** [078756
of cyanide on oxidation-**reduction cycle.** 077381
A rapid phytochrome-**dependent reduction** of 078127
An attempt to **determine reduction** coefficie- 078459
gland, il. Effect of **reduction** of **disulfide** bo- 080665
Oxidation **ditch reduces** feedlot pollution. 081766
Trichogramma spp. in **reducing egg** hatch of 079699
Role of **reduced exogenous** organic compoun- 077433
Role of **reduced exogenous** organic compoun- 077434
How to **reduce expenditures** for repairing e- 073020
Save protein by **reducing feed** losses. [Swine 074942
Oxidation ditch **reduces feedlot** pollution. 081766
enzymes involved in **reduction** of **ferulic** acid 077408
from frost, how to **reduce** them a **great** deal 078251
for effectiveness in **reducing incidence** of ba- 079144
in citrus fruits: a process for **reducing juice** 074282
Spent sulfite **liquor reducing** sugar purificati- 076536
Steps to **reduce loss** in cereal transport. 073203
Method for seedling **mortality reduction** on 078462
of enzyme with **reduced nicotinamide** adeni- 074545
Characterization of **nitrate-reducing** system 077541
cocksfoot can **reduce** their **nutritive** value. [079042
effect of cyanide on **oxidation-reduction** cycle 077381
Effect of **reduced oxygen** supply & of inhibi- 078153
a thin zone of **reduced permeability.** 081110
horizons where **reduction phenomenon** is ob- 081166
wool & means of **reducing** their **production** 073129
an important cause of **reducing productivity** 079140
Present possibilities of **reducing seasonal** as- 076378
Possibilities of **reducing storing** capacity re- 081332
of unfermentable **reducing** substances in sug- 074090
Spent sulfite liquor **reducing sugar** purificati- 076536
Characterization of nitrate-**reducing system** 077541
Tetrazolium reduction & nitrogenase activity 077333
Malaysia & a proposal to **reduce Tutcheria** 076676
Variation of **unfermentable reducing** substan- 074090
Oxidation & **reduction** of D-xylose by cell-f- 077323
a persistent perennial that **reduces yields.** [079544

REDUVIIDAE
of Triatominae (Hemiptera: **Reduviidae**). 080348

REEDS
of using rice straw, bagasse & **reed pulps** in 073819

REEFS
by sessile animals & algae from **coral reef** at 076837

REFEEDING
SEE FEEDING

REFINING
oil refining process. I. **alkali refining.** 074296
Refining cocoa mass on high speed agitation 073906
Steam pressurized double-**disk refining**--a n- 076531
in rape oil during its **industrial refining** & on 074237
Palm oil processing. III. **Physical refining.** 074295
tocopherols as antioxidants for **refined rape** 074236

REFLEX
Flexion & crossed **extension reflexes.** 7. 075561

REFORESTATION
Cost-benefit analysis of **reforestation.** 076320
mixed culture on sandy soils. [**Reforestation** 076360
for Arizona & New Mexico. [**Reforestation**] 076407
mixed culture on sandy soils. [**Reforestation** 081361
On problem of **artificial reforestation** in Ku- 076341
developments in **reforestation** of **damaged** k- 076393
in service of **reforestation** & **landscape** cons- 076344
Reforestation of **Pinus** cutover lands. 076364
plants needed for **reforestation** of **wind** erod- 076362

REFRACTION
Confectionery ingredients; **refractive indices** 073824
Confectionery ingredients; **refractive indices** 073827

REFRIGERATION
Storing meat in your **refrigerator.** [Contami- 073651
microbial flora of **beef refrigerated** or in pro- 073680
Refrigeration of **plant** products destined for 074266

REGENERATION
matter, growth & **regeneration abilities** in c- 077096
Regeneration of **coniferous** forests. 076387
Regeneration of **Drosophila** melanogaster m- 080253
growth of normal & **regenerated legs** of coc- 080414
Regenerating loblolly pine by direct seeding 076408
on promotion of **natural regeneration** of bee- 076365
Natural regeneration of infested fir stands. 076394
Problem of **natural regeneration** of Pericops- 077412
Natural regeneration of infested fir stands. 079911
of purified or **regenerated retting** effluents f- 074195
Regeneration of **Sorbus** torminalis 1. 076359
crop on overwintering & **spring regeneration** 078544

REGRESSION
Correlation-**regression analysis** of effectiven- 073115
a multiple correlation & **regression analysis** 074001
A procedure for stepwise **regression analysis** 081062
according to multiple **regression equation.** 081514
Regression of **Rous** sarcomas in two lines of 075817

REGULATION
Regulation of **acidity** of milk, cream & whey 073974
Programmed device for **regulation** of **air** reg- 080735
Climate regulation in hen house: an econom- 074397
Temperature **regulation development** in bob- 074758
Adenyl cyclase & **regulation** of **glycogen** me- 077573
regard to common grain **market regulation.** 073189
Is **regulation needed** in potato marketing of 073260
Utilization of **nerval regulation** of gland fun- 074637
Regulation of **nicotinamide** adenine dinucleo- 077532
Regulation of **nitrogenous** constituents of to- 077807
Economic Community for **official regulation** 073675
Role of glycerol in **osmotic regulation** of ha- 077534
Osmotic regulation in backswimmer Notone- 080406
Regulation of **pentosan** biosynthesis in barl- 077884
Regulation of **pesticides** in Argentina. 073501
Photoperiodic regulation of temperature req- 080154
A new mechanism of **self-regulation** in syst- 080461
Regulation of **sulfate** transport in Neurospo- 077328
Regulation of **tobacco** plant constituents. 077800
On new **trade regulation.** [Agriculture, fores- 073145

REGULATORS
of plant protection & **growth regulators** in f- 073617
Herbicides & plant **growth regulators.** 077417
of phytohormones (**growth regulators**). [Fruit 077595
Importance of **growth regulators** for growth 077704
cotton harvests with **growth regulators.** 077894
various bioassays of plant **growth regulators.** 077932
of fruit production. [**Growth regulators**]. 078051
trees on application of **growth regulators.** 078066
Endogenous levels of **growth regulators** & t- 078098
Changes in endogenous **growth regulators** in 078223
Effects of some **growth regulators** on yield 078305
rye with application of **growth regulators.** 078671
Action of **growth regulators** on lawns: First 078680
Herbicides & plant **growth regulators.** 079472
new class of potent insect **growth regulators** 079643
of plant protection & **growth regulators** in f- 080072
new class of potent insect **growth regulators** 080299
from gibberellic acid. [**Plant regulators**]. 077601
juvenile hormone as a **population regulator.** 079641
Ethylene, a **regulator** of **young** fruit abscissi- 077863

REHABILITATION
Nutritional rehabilitation programs. 073716

REHYDRATION
SEE HYDRATION

REINDEER
vectors in cases of **reindeer necrobacillosis.** 075937
antibodies in human, cattle, & **reindeer sera** 075612

RENAL
on vitamin C level in **suprarenal bodies** & li- 075586
management in acute & **chronic renal** failure 075550
of canine hepatic & **renal esterases.** 074578
Fluid therapy of polyuric **renal failure.** [Dogs 076038

RENIN
Distribution of a **renin**-like **enzyme** in bovine 074608

RENNIN
Determintaion of **rennin** & **pepsin** in bovine 074567

RENTS
Calculation of **rental costs.** [Forestry]. 076254
Calculation of **differential rent** & determinat- 073045
Some remarks on land incomes & **farm rents** 073081

REPLICATION
sites for **replication** of **cauliflower** mosaic vi- 079203
variants in field **experiment replication.** [Pl- 077174
Replication of **tobacco** mosaic virus. IV. Fur- 079208
associated with **replication** of **TYMV** [Turnip 079209

REPRODUCTION
reference to organization of **reproduction.** 075360
Animal husbandry. [**Reproduction**]. 075388
Unit for **accelerated reproduction** of plant b- 077182
High **altitude reproduction.** [Turkeys]. 075221
Future research in **bovine reproduction.** 075185
source on **reproducibility** of **breeding** hens. 074986
Reproduction in **Bulbochaete** hiloensis (Nor- 077025
diethylstilboestrol in **reproduction** of **cows** 075292
in course of their **reproduction** in **different** t- 075674
Experimental reproduction of neurological l- 076098
indices & **reproductive function** in cows befo- 074826
statistics relative to **reproductive function** in 075198
transferrin types & **reproductive function** in 075427
science & technology in **herd reproduction** 075435
Immuno-reproduction in livestock. 075249
Improve reproduction--wean more pounds of 075217
Reproductive isolation of tow tortricid moth 080421
regularities of **reproduction** & **maintenance** 080377
oid dehydrogenases in **male reproductive** of 074630
Reproduction in **male** & female domestic an- 075243
Reproductive maturation & pheromone rele- 080412
reproduction of **Meloidogyne** hapla in lettuce 079311
reproduction of **Meloidogyne** graminis & M- 079318
of leaf-footed bugs on **mesquite reproduction** 079487
technology in herd **reproduction operations.** 075435
formation of **reproductive organs** on methods 078013
Observations on state of **reproductive organs** 079764
Reproduction patterns in domestic cat. 075190
Studies on **reproductive performance** & prog- 075318
age of hen on **reproductive performance** of c- 075325
Studies on **reproductive performance** & prog- 080126
age of hen on **reproductive performance** of c- 080127
with regard to **reproductive properties** of pig 075378
Nordst.) Tiffany il. **Sexual reproduction.** 077025
biosynthesis & **sexual reproduction** in Penici- 077494
veterinarian & modern **sheep reproduction.** 075395
stimulated **reproductive-, skeletaland** nervous 076005
estrus as an indicator of **reproductive status** 075257
Manganese deficiency **stimulated reproducti-e-** 076005
Reproductive success of squirreltail in medu- 078395
Reproduction in **Targhee** & Finnish Landrace 075253
thawed spermatozoa in **reproductive tract** of 075262
of age at lighting on **reproduction** in **turkey** 075322
Improve **reproduction--wean** more pounds of 075217

RESECTION
Ileum resection & jejunocaecostomy in horse 075464

RESERPINE
stresses & to **reserpine administration.** 074551

RESERVATION
in over-heated meat. [**Reservation**]. 074033

RESERVE
Utilization of all **reserves** for **development** of 072827
of catchemnt areas as flora & **fauna reserves** 081871
Feed reserve requirement in industrial cow 074948
Improved use of **feed reserves.** 075165
Formicidae) at Edwin S. **George Reserve** in 080561
term exploitation of all **reserves** to **increase** 074291
Influence of **material reserves** on stability of 073886
Analysis of **moisture reserves** in soil profile 081211
A proposal for a guided **natural reserve** on 076267
Republic system of **nature reserves** with for- 076182
grassland communities on **nature reserve** "L- 076819
of Arrhenatheretum in **nature reserve** "Leut- 076820
under forest, Bukit Timah **Nature Reserve,** 081071
Production reserves in agriculture: agricultu- 072913
electrophoretic patterns of **reserve proteins** 077761

RESERVOIRS
modifications on water quality of a **reservoir** 081719
western Surinam as an **irrigation reservoir.** 081669
Stochastic **reservoir management** & system 081741
heat using a combination **multiple reservoir** 080744
waters & sediments from **storage reservoirs.** 081865

RESETTLEMENT
Resettlement, its **motivation** & realization in 072746

RESIDUES
bithionol on milk & meat quality. [**Residues** 073694
PCB [polychlorinated biphenyls] **residues?** 074335
Hazardous **arsenical residues** associated with 076107
Determination of **benomyl residues** in soils 080084
of carboxin (vitavax)-derived **bound residues** 080097
Inorganic & organic **bromide residues** in food 073633
translocation of **carbofuran residues** in mug- 080068
Treatments to increase value of **crop residues** 074915
on depletion of **DDT residues** from laying h- 074721
of chlorine-36 ring-labeled **DDT-residues** in 080047
on depletion of **DDT residues** from laying h- 080125
DDT residues in marine phytoplankton. 080133
Tissue **residue depletion** of sulfaquinoxaline 075725
Residue determination of ethylenethiourea (078992
phytotoxicity of **dicamba residues** in water. 079485
Residues of **diquat** in seeds of spring rape af- 077944
Study of **estrogen residues** in meats of claves 074780
Problems of **herbicide residues** in vegetable 079463
Herbicide residues. 080152
methods on maleic **hydrazide residue** on bur- 077810
chlorinated **hydrocarbon residues** in waters 081865
carbofuran & 3-**hydroxycarbofuran residues** 080087
Chlorinated hydrocarbon **insecticide residues** 073639
of **residues** of **methylcarbamate** insecticides 073582
dioxathion (Delnav) **residues** on & in **orange** 080050
Residues of **organi**-chlorine pesticides in sa- 073691
Residues of **organochlorine** pesticiedes & ce- 073690
Oxytetracyline residues in milk following in- 073581
Pesticides residues in foods--their need, pre- 073660
Residues of **pesticides** in edible fats. II. Eli- 080075
Pesticides residues in foods--their need, pre- 080122
of quanitity of **polychloropinene residues** in 073702
Insecticides [**Soils, residues**]. 080079
Metabolism & **residues** of **temik** aldicarb pe- 080086
for determination of **thiophanate residues.** 080074
Tissue residue depletion of sulfaquinoxaline 075725
Residue & toxicological problems arising fr- 073617
Importance of **residue utilization** from a sa- 076504

RESINS
adhesive & alpha-olefine **resin adhesive.** 076571
number of vertical & radial **resin ducts** & a- 078217
Relationship between **resin-extractable** pho- 081134
bound to a phenol-**formaldehyde resin** with 073942
properties of urea **formaldehyde resins.** 076451
Gluing with **phenolic resins.** 076473
Role of **phenolic resin** in imparting properti- 076521
DDVP), especially in **resin strips.** 080131
use of dichlorvos, especially in **resin strips.** 080132
of improving it by means of **synthetic resins** 076566

RESONANCE
Zea mays. II. Nuclear **magnetic resonance** 074980
NMR [Nuclear **magnetic resonance**] studies 076480

RESPIRATION
agents on development of **acute respiratory** 075632
Seasonal fluctuation in **respiration** of **aging** 078205
Structure of **bovine respiratory** syncytial vir- 075639
Chronic respiratory disease: Scourge of poul- 075597
Comparative respiratory & fermentation me- 077406
Chronic **respiratory disease:** Scourge of poul- 075597
for bovine viral **respiratory diseases.** 075792
Respiration features of Pieris brassicae (L.) 080232
of rhythms in **fungal respiration** using a gas 077382
Respiration & general anesthesia. [Animals] 075549
Cyanide-**insensitive respiration.** I. steady sta- 078052
composition & **respiration intensity** in ripen- 078016
investigations of **respiratory mechanism** of t- 080453
Respiratory metabolism of Fusarium oxyspo- 078888
Effects of inhibitors of **respiration, oxidative** 078132
conditions.[**photosynthesis, respiration**]. 077947
Effect of anaerobiosis on **respiratory rate,** c- 077768
on heart & **respiratory responses** of chicks to 074656
Respiration in **sapwood** & heartwood of Rob- 078229
Soil respiration in different types of Southe- 081162
fertilization on meadow **soil respiration;** mo- 081472
Structure of bovine **respiratory syncytial** vir- 075639
on skin & body **temperature, respiratory** & 074599
on development of acute **respiratory tract** di- 075632
analysis. [pastures, **transpiration, respiration**] 077631
Immunization for bovine **viral respiratory** di- 075792

RESTORATION
of photography & techniques for **restoration** 081540
with cholinesterase-**restoring agents** & antit- 075778
Review of **lake restoration** procedures. [Wa- 081738
Studies on **restoration** of **permeability** to wa- 081148
Restoration of **pollen** fertility of some T [T- 077250

RESTRAINT
Effect of **chemical restraint** drugs on passage 075451

RESTRICTION
Calcium restriction & intestinal calcium-bin- 074593
heat & partial water **restriction effects** on b- 074658
maturity of pullets. 2. **Restricting energy** co- 075042
I. effect of high energy & **restrictive feeding** 075158
as a result of **governmental restrictions.** 076238
A restricted habitat for mushrooms (Agaric- 076630
of populations of **Homoptera restricted** to ci- 079812
in bovine as influenced by **water restriction** 074653

RESUSCITATION
arrest & **cardiopulmonary resuscitation.** [An- 075548

RETARDANTS
abscisic acids & growth **retardant, CCC** [(2- 077883

RETARDATION
Retardation of **leaf** senescence by urea cyto- 078120
Mechanism of **magnesium retardation** of cel- 076541

RETENTION
carbob dioxide] on **retention** & **distribution** 078231
Environmental retention of 2,4,5-T preparat- 080063
of cesium & its **retention** in **muscle** tissues of 074702
protein. I. Magnesium & **nitrogen retention** 073711

RETICULOENDOTHELIAL
Suppression of **avian reticuloendothelial** sys- 075676
on proliferation of **liver reticuloendothelial** 075689
in chickens with **reticuloendothelial virus** di- 075815

RETICULUM
Role of **Endoplasmic reticulum** in genesis of 076971

RETINA
of lens tissue from progeny of **chick retinal** 074694
Electrophysiology of **retina** of **Periplaneta** 080304
** 080305

REVACCINATION
SEE VACCINATION

REVERSIBILITY
of non-**reversible** D-**glyceraldehyde**-3-phosp- 078137
Reversible inactivation by NADH [naphtha- 077352
Reversible inactivation of nitrate reductase 077364
Important role of **reversible Nippon** plows f- 080805

REVOLUTION
A historical necessity, **agrarian revolution** in 073497
Agrartechnological revolution & future agric- 073391
Green Revolution through multiple cropping 073400
Indias **Green Revolution:** a myth or a realtiy 073506
Green Revolution in Spain. 4. 073534
New **revolutionary implement** for works in 080916

RHABDOMYOMA
Rhabdomyosarcoma in a **Boxer** bitch. 076042

RHINOPNEUMONITIS
Equine **viral rhinopneumonitis:** pathography 075771

RHINOTRACHEITIS
IBR-, [infectious **bovine rhinotracheitis**] B- 075657
of virus of infectious **bovine rhinotracheitis** 075921
related to infectious **bovine rhinotracheitis** 075953

RHINOVIRUS
Isolation of **rhinovirus** from **calves** in Italy. 075583

RHIPICEPHALUS
Tick vector, **Rhipicephalus appendiculatus**]. 075732
tick vector. [**Rhipicephalus appendiculatus,** 075795
Tick vector, **Rhipicephalus appendiculatus**]. 080010
of Theileria ovis by **Rhipicephalus evertsi** m- 080017
on life-cycle of **Rhipicephalus theileri** Bedfo- 080016

RHIZOBIA
studies with **Rhizobia** of **cultivated** & wild t- 081208
nodules. [Peanuts, **inoculation, Rhizobium**]. 077816
nodules. [Peanuts, **inoculation, Rhizobium**]. 079130
in soybeans crops. [**Rhizobium japonicum**]. 081201
in media on strains of **Rhizobium meliloti.** 077813
roots as affected by **rhizobial production** of 077787
as affecting to **rhizobial production** of IAA [078062
determinants of **Rhizobium trifolii.** 077458

RHIZOCTONIA
Rhizoctonia [salani] stem rot of Crossandra. 079015
Chemical control of **Rhizoctonia bataticola** 079030
Eremochloa **ophiuroides, Rhizoctonia** solani, 078974
of selected fungicides on **Rhizoctonia solani** 079027

RHIZOMES
of essential oil in **rhizomes** of **Acorus** calam- 077308
Johnsongrass **rhizome control** in soybeans w- 079518
on viability of **rhizome fragments** of bermud- 079478
Alkaloids from Courbonia **glauca rhizome.** 077511

RHIZOPUS
sporangiospores of **Rhizopus arrhizus.** 079062

methacrylamide (dicryl). [**Rhizopus japonic-s**] 079481
Study of infection with **Rhizopus stolonifer** 078997

RHIZOSPHERE
Microflora in **rhizosphere** of **maize:** Perreni- 079578
Studies on **rhizosphere microflora** of onion 081216

RHODNIUS
surface pattern of cuticle in **Rhodnius** (Hem- 080302

RHODODENDRON
rare species of **Rhododendron** in **Caucasus.** 076714
A history of **Rhododendron classification.** 076658

RHOPALOSIPHUM
of barley leaves by **aphid Rhopalosiphum** m- 079740

RHYACIONIA
in mugho pine. [**Rhyacionia buoliana,** Pinus 080068

RHYTHM
Cave cricket **activity rhythms** & earth tides. 080330
Rhythms & other **biology** of giant tropical 080394
on cardiovascular function & **cardiac rhythm** 075546
Induction of difference of **cardiac rhythm** at 080369
metabolic aspects of **circadian rhythms.** 073746
Circadian rhythms of chicken brain tempera- 074663
Seasonal & **diurnal rhythm** of plant floweri- 078209
Coast. I. endogenic **fundamental rhythm.** 080229
Ivory Coast. I. endogen **fundamental rhythm** 080228
automatic measurement of **rhythms** in **fungal** 077382
susceptibility in relation to **growth rhythm** 077970
Circaseptan (7-day) **oviposition rhythm** & g- 080331
Incubation, diurnal, & **yearly rhythms** in bl- 080256

RIBOFLAVIN
ashbyii--a producer of **riboflavin.** I. Isolation 077411
riboflavinuria. 8. fate of **riboflavin-binding** p- 075323
Riboflavin content of some fermented foods 073849
A new description of **riboflavin deficiency** s- 076047
Riboflavin oversynthesis. [Ashbya gossypii] 077321

RIBONUCLEASE
Ribonuclease activities of single-stránd-speci- 077380
Effect of **ribonuclease fractions** isolated from 075246
triggers an increase in **ribonuclease level** in 077868

RIBONUCLEIC
chloroplast ribosomal **ribonucleic acid** during 077329
acid & kinetin on cell wall **ribonucleic acid** 077758
Ribonucleic acid synthesis in chloroplasts. [078006
on tRNAs [methionyl-t **Ribonucleic acid**] m- 078130
of tRNAs & **aminoacyl-tRNA** synthetases of 077325
of three Euglena gracilis **aminoacyl-tRNA** s- 077545
on cell elongation & **RNA biosynthesis.** [Pe- 078108
mouth disease virus RNA-**dependent RNA** 075638
of two forms of DNA-**dependent RNA** poly- 078110
of normal avian embryos by **RNA-DNA** hyb- 075958
Evidence for two **functional RNA** species & 079179
during vitro transcription by **maize RNA** po- 077695
H] uridine incorporation into **nuclear RNA** 074544
Effect of light on **RNA** & **nucleotide** synthes- 077543
partial characterization of **pea RNA** polyme- 078003
tissue: incorporation into **RNA** & **pectinic** a- 077697
of enzymatic binding of **phenylalanyl-tRNA** 077871
virus RNA-dependent **RNA polymerase** in v- 075638
of alpha-amanitin-sensitive **RNA-polymerase** 077548
transcription by maize **RNA polymerase.** 077695
forms of DNA-dependent **RNA polymerase** 078110
characterization of pea **RNA polymerases.** 078003
dibasol & vitamin B12 upon **RNA** & **protein** 074799
Evidence for attachment of **RNA** to **pulse-la-** 077351
chloroplast **ribosomal ribonucleic** acid during 077329
of cistrons for 28S & 1,S **ribosomal RNA.** 080275
of alpha-amanitin-**sensitive RNA-**polymerase 077548
Evidence for two functional **RNA species** & 079179
toxicity to protein & **RNA synthesis** in He- 080083
RNA-synthesis in telotrophic meroistic ovar- 080445
of tRNAs & aminoacyl-**tRNA synthetases** of 077325
gracilis aminoacyl-**tRNA synthetases** with 077545
RNA species & a "satellite" **RNA** in **tomato** 079179
with ambiguous specificity for **transfer RNA** 077545
of foot-and-mouth disease **virus RNA-**depen- 075638
between tobacco rattle **virus ribonucleic** aci- 079177
terminal of turnip yellow mosaic **virus RNA** 079202
acid & kinetin on cell **wall ribonucleic** acid 077758

RIBOSOMES
in cytoplasmic & **chloroplast ribosomal** ribo- 077329
Ribosome crystalluzation in normal & in M- 074605
by wheat-seedling **cytoplasmic ribosomes.** 077708
Amplification of **ribosomal DNA** in Acheta. 080274
Amplification of **ribosomal DNA** in Acheta. 080275
of nutritional factors on **ribosomal dynamics** 073748
tRNA to wheat **embryo ribosomes.** 077871
cytoplasmic wheat-**leaf ribosomes.** 077707
Dissociation of **mitochondrial ribosomes** of 077353
permeability & **ribosomal patterns** in mimosa 078097

RICE
Production & utilization of **rice.** 073453
Rice: a genuine food. 073783
Enzymes of **rice.** 074152
Breeding resistance in **rice.** 077012
Breeding high-yielding varieties of **rice** (Or- 077106
to BHC [benzene hexachloride] in **rice** (Or- 077749
mitochondrial structures in coleoptiles of **ri-e** 077768
of boron by plants from soil. [**Rice**]. 077784
certain high yielding paddy varieties. [**Rice**] 077824
germination inhibitors on dormancy in **rice.** 077825
on emergence & growth of weeds & **rice.** 077921
bioassays of plant growth regulators. [**Rice**] 077932
requirement of dwarf varietie s of **rice** (Ory- 078366
A new crop for North Country. [**Rice**]. 078522
activity in relation to leaf spot of **rice.** [He- 078960
Diseases of **rice.** [Fungi]. 079008
on emergence & growth of weeds & **rice.** 079555
of herbicides on succeeding crop of **rice.** 079556
Carbofuran for control of pests of **rice.** 079729
of nitrogen on succeeding cereal crop of **rice** 081377
at different levels of fertility. [**Rice**]. 081386
growth under flooded conditions. [**Rice**]. 081427
to progressive nitrogen application. [**Rice**]. 081437
Effect of magypsum urea on **rice.** 081503
of alfalfa in crop rotation with **rice.** 081715
New **boro rice:** an approach to planning in 072967
Rice bran & polish. 074142
Phosphatases from **rice bran.** 074153
Rice breakfast cereals & infant foods. 074147
Rice in **brewing.** 074150
Canned rice foods. 074148
Rice caryopsis & its composition. 074136
A **continuous rice** production system. 078270
Conventional rice milling in United States. 074138
Quick-**cooking rice.** 074146
Culex tarsalis in Fresno **County rice** fields. 079958
Possible aerial desiccation of **rice crop** with 078480
Role of alfalfa in **rice crop** rotation system. 078565
on yield of first & second **crop rice.** 079572
of applying fertilizers to **rice culture.** 073056
Treasure of marshes. [**Rice culture**]. 078494
mechanization in year 1980 in **rice culture.** 080976
of Sierozem soils as affected by **rice culture** 081038
of starch biosynthesis in **developing rice** see- 077896
Rough **rice drying.** 074135
Rice enrichment. 074144
Solvent **extractive rice** milling. 074139
of a large-sclae field test of **rice field** mosqu- 079957
of a large-scale field test of **rice field** mosqu- 079982
Culex tarsalis in Fresno County **rice fields.** 079958
Rice flours. 074141
Canned **rice foods.** 074148
of starch breakdown in **germinating rice** see- 077865
Recent developments in **rice grain** research. 074214
of carbohydrates in ripening **rice grain** & its 077678
coleoptile cells of ungerminated **rice grains.** 076906
Results from **rice growing** without irrigation 078264
Growing rice with sprouts obtained without 078562
Wild **rice historic** commodity under study. 078426
Rice hulls. 074143
on crosses between dwarf & tall **indica rice** 077134
U.S. Agricultural policies for **rice industry.** 077592
seed viability of **rice** as **influenced** by time of 077648
on growth & yield of lowland **'IR** 8' **rice** (O- 079473
on acreage determination of **rice** in **Japan,** 073364
Analysis of **Japanese rice** policies. 073551
reductase & nitrite reductase in **rice leaves.** 077694
soluble phosphate in latosolic **lowland rice** 081094
Milled rice & changes during aging. 074140
Conventional **rice milling** in United States. 074138
Solvent extractive **rice milling.** 074139
irradiation on recombination in **rice, Oryza** 077110
grain production in upland **rice, Oryza** glab- 077732
tiller & application for wheat & **paddu rice** 080931
Parboiled rice. 074145
of epichlorohydrin-treated **parboiled rice.** 074160
Biological control of some **rice pests** in Col- 079727
Pattern of nutrient absorption of **rice plant** 077783
Physiology of **rice plant.** 077922
acitvity in turnip & **rice plants** grown under 077781
nutrient & water absorption by **rice plants** 077782
from soil & translocated into **rice plants.** 077962
Proper spacing of **rice plants** increases its y- 078473
from soil & translocated into **rice plants.** 080151
nutrient & water absorption by **rice plants** 081115
implement for works in **plowing rice.** 080916
Analysis of Japanese **rice policies.** 073551
A continuous **rice production** system. 078270
Management of water for **rice production.** 081670
Criteria of **rice quality.** 074134
Evaluation of **rice quality.** [Breeding]. 077135
Zinc nutrition of **rice** in **relation** to iron & 077746
of carbohydrates in **ripening rice** grain & its 077678
Rough rice drying. 074135
Rough rice storage. 074137
in relation to non-viability of **rice seeds.** 077751
starch biosynthesis in developing **rice seeds** 077896
starch breakdown in germinating **rice seeds.** 077865
Group on **Rice, seventeenth** session, New D- 073198
Rice situation. 073376
degradation in submerged **rice soils** in Phili- 080096
phosphate in latosolic lowland **rice soils.** 081094
Puddling tropical **rice soils.** 2. Effects of wa- 081571
precipitates isolated from **rice starch** proces- 074207
Apanteles chilonis Munakata on **rice stem** 079721
Rough **rice storage.** 074137
On possibility of using **rice straw,** bagasse & 073819
Possibilities of using pulps of **rice straw** & 073820
Parathion degradation in **submerged rice** soi- 080096
in control of weeds in **transplant rice.** 079448
Puddling **tropical rice** soils. 2. Effects of wa- 081571
etched coleoptile cells of **ungerminated rice** 076906
between dwarf & tall indica **rice varieties.** 077134
Jayafor higher dividends. [**Rice, varieties,** I- 078611
of some high yielding **rice varieties.** 081429
phenomenon in crop plants". [**Rice, water** r- 077672
Response of tall varieties of **rice** & **wheat** to 077747
Wild rice historic commodity under study. 078426
yield potential of some high **yielding rice** va- 081429

RICINUS
group & interrelations with **Ixodes ricinus** (080585

RICKETTSIA
maintenance of **Rickettsia prowazeki** in arg- 080377

RIDGES
Effect of plant spacing within **ridge** on **grain** 078341
Effect of **inter-ridge** & within-ridge plant sp- 078339
Telone or dazomet applied to **potato ridges** 079237

RIESLING
SEE WINE

RING
between tensile strength & **annual ring** stru- 078246
a "satellite" RNA in tomato **black ring** virus 079179
Acccumulation of **chlorine-**36 **ring-**labeled 080047
Effect of **ringing** on **early** bearing of vigorous 078743
Fibril rings in alkali-urea treated polytene 080278

RINGSPOT
carnation mottle virus & **carnation ringspot** 079172

RIPENING
of sugars in wheat grains when **ripened.** 074235
Rosc.] at different stages of **ripening.** 077420
gas treatment for **accelerated ripening** of t- 078710
Research on **acidic ripening** of dry salami. 074021
of harvesting dates & **ripening conditions** on 078505
Treatment at time of **fruit ripening.** [Parasi- 079332
Full ripening of grain maize: Conclusions fr- 078321
On course of **ripening** & **germination** of poll- 077163
bacteria from honey bees & **ripening honey.** 073878
Changes in fatty acids in **ripening mango** pu- 074283
respiration intensity in **ripening period** of a- 078016
of planting methods & **ripening phases** on y- 077910
in breeding soybeans for **quick ripening.** 077190
of carbohydrates in **ripening rice** grain & its 077678

RIVERS
considerations on water problems. [**Rivers**]. 081678
needed toward water pollution of **rivers.** 081867
of artificial reforestation in Kura **River blet** 076341
Upper **Carson River** water study; water year 081672
Bibliography of irrigation, **drainage, river** tr- 081688
spring water of Kura **River floodplain** (in Ki- 081596
spring complex in Bavarian **Inn River** Schi- 076877
of artificial reforestation in **Kura River** blet 076341
groundwater & spring water of **Kura River** f- 081596
Agaricaceae) in **Mackenzie River** delta, Nor- 076630
of Kolachi weir across **Malaprabha River** in 081635
on terraces of Tirnava **Mare River.** 081236
plains between Bocono & **Masparro Rivers,** 081015
meadows in floodplains of middle **Ob' River** 081568
complex in Bavarian Inn **River Schiemsee** f- 076877
River stabilization at Saint-Jean Vianney. 081694
between Bocono & Masparro **Rivers, state** of 081015
in volcanic ash soils on **river terraces** along 081144
of irrigation, drainage, **river training** & flood 081688
fish breeding grounds & in **various rivers** & 081835
wastes on algae in New **River, Virginia.** 077379
aquatic vegetation in New **River, Virginia.** 079255
on bottom fauna in New **River, Virginia.** [In- 080209
aquatic vegetation in New **River, Virginia.** 081778
wastes on algae in New **River, Virginia.** 081779
on bottom fauna in New **River, Virginia.** [In- 081780
Muddiness of **river water** as an indicator of 081559
changes in mineralization of **river water,** gr- 081596
Upper Carson **River water** study; water year 081672
Recreation carrying capacity & **wild rivers:** 081883
by problems of **Zolkiewka River** Basin. 081589

ROADS
Radiological features of post-**road accident** 076150
Stabilization of **road batters** & associated di- 081558
early days of mechanized **road building** in S- 076421
five years of mechanized **road building.** 076422
Drilling equipment in forest **road building.** 076424
Forest **road building** in flysch zone. 076426
Organization of forest **road construction.** 076423
forests accessible in Austria. [**Forest roads**] 076420
in mechanized rock removal. [**Forest roads**] 076425
trees in relation to demand on **forest roads** 076458
Long road towards reform of farm structures 072768
Spatial situation of optimum **road network** 076323

ROBINIA
heartwood of **Robinia pseudoacacia.** 078229

ROCK
eggs from White Plymouth **Rock hens,** 1971 073355
capacity of White Plymouth **Rock hens,** 19 075206
Practical results in **mechanized rock** removal 076425
soils on basis of two-**membered rocks** of mi- 081135
Composition of our **metamorphic rocks** from 081200
by phytohemagglu tinin in **Rocky Mountain** 074581
Rock mulch is rediscovered. 081563
potassium in rocky soils & **parent rock** of D- 081263
references to utilization of **rock phosphate** 077451
phosphate on utilization of **rock phosphate** 078075
of improving qualities of **phosphate rock.** 081409

RODENTICIDES
of drat, an **anticoagulant rodenticide.** 080120
On effect of **bait rodenticides** on small ma- 079243

RODENTS
pocket gopher, Thomomys bottae (**Rodentia:** 080002
Insect, mite, & **rodent control** in New Ham- 079270
acetale isobutyrate in **rodents** & **dogs.** [Soft 073637
in man, small runinants, **rodents, dogs** & cats 075922
eldaricus Djap. on **rodents** in **Kopetdag.** 080021

ROOMS
Aseptic bottling in a **clean room.** [Milk]. 073967
of heat & light crossed **gradients room** testi- 074738
How to choose **milking room.** 074405

ROOSTERS
SEE FOWL

ROOTING
containerization with **bare-rooting.** 076404
Rooting in **cuttings** of Mangifera indica L. 078602
their relationship to **rooting** of **Dahlia** cutti- 078098
of depth of planting on **rooting** & **growth** of 078207
variation within & between **rooting media** in 077297

ROOTS
coriarium) & their localization in **roots.** 081036
Root activity distribution pattern & phosph- 077943
of cation exchange between **root adsorbent** of 077561
relation to formation of **adventitious roots.** 076999
Phytotoxic substance of **aqueous root** extrac- 079117
with varying temperatures in **root area.** 077954
Origin & development of **aspen root** suckers 076916
Incidence of **avocado root** rot in relation to 078936
Avocado root rot research program. [Phyto- 078938
of sodium & rubidium along **barley roots.** 077842
potential gradients between soil & **bean roo-s.** 078101
triphosphatase from sugar **beet root** & its li- 077837
field: i. Water flux within & **below root** zone 081012
Study of **root biomass** in herb layer of an o- 076183
Development of bacterial wilt, **black root** rot 077034
nitrogenous substances in **roots** & **bleeding** 077608
phosphorus compounds in **roots** & **bleeding** 077609
Growth inhibitor from **root cap** of Zea mays 077880
Physcion & phytosterol from **roots** of **Cassia** 077515
of indoleacetic acid & **root characteristics.** 077787
of herbicide diphenamid in **corn root** tip. 079535
prior to mitosis in cultured pea **root cortex** 077989
haymaking of green material on **root crop** & 077680
Sowing & harvesting of **root crops.** 078676
Excised **root cultures** of lupine (Lupinus an- 076878
Georeaction of **decapped roots.** [Corn]. 077872
Constituents of **root** of **Dictamnus** albus L. 077604
Effect of non-**root dressing** with salts of mic- 077639
of vegetable crops. III. **Effects** of **root-** 078017
A method of estimating **root efficiency.** 077429
of cereals. I. Growth of **embryo roots** in init- 077741
of cereals. II. Growth of **embryo roots** at di- 077742
A method of **estimating root** efficiency. 077429
Excised root cultures of lupine (Lupinus an- 076878
sorption by whole plants & **excised roots** of 077688
sulfate & potassium+ in **excised roots** of co- 077965
il. Evapotranspiration & **root extraction.** [S- 077668
substance of aqueous **root extracts** of peach 079117
Influence of pea-**root exudates** on germinati- 078902
Root exudates from lentil (Lens culinaris M- 079056
carbohydrate fraction of **root exudates** of gn- 079312
in understorey vegetation & **fine root** quanti- 076847
Fodder roots in rotation. 078461
Biochemical changes during **root formation** 077982
Root formation in pea cuttings. I. Effects of 078104
propagation medium on **root formation** of N- 078213
Anatomy of a **root gall** of Lycopersicon pim- 079345
Studies of **Graminaeae roots,** a prerequisite 077963
Nematode infestation of **grass roots** greater 079275
Biochemical nature of **roots** & **green** mass of 077305
Biochemical characteristics of **root** & **green** 077679
Biochemical characteristics of **roots** & **green** 077680
Biochemical characteristics of **roots** & **green** 077682
Biochemical characteristics of **roots** & **green** 081036
Root growth in propagation. 077473
Autoregulation of **root growth** during early 077938
of soil on dynamics of **root growth** of Prunus 078065
growth substances on shoot & **root growth** of 078083
Inhibition of **root growth** as a result of met- 078128
between tuber formation & **root growth** in o- 078186
Absorption of calcium by **horsebean roots** (077844
Study of effect of **root injuries** on cauliflower 079248
bound protein in Cichorium **intybus root** tis- 077495
on hatch, movement & **root invasion.** [Lettu- 079310
berries, vegetables, & **roots,** 1968--**June** 197 073690
Control of **root knot** nematodes Meloidogyne 079356
Studies of **root-knot** nematode control in gi- 079383
formation on excised **leguminous roots** as af- 077787
A **root lesion** nematode parasitic on cotton 079346
calcicole plant) & by yellow **lupine roots** (ca- 077844
tiglates in **roots** of **Mandragora** species. 077506
DNA synthesis by sulfite in **root meristem** of 077401
Effect of **root metabolites** on photosynthesis 077937
Location of **roots** of **mother** bushes of black 076983
On qulaification of **root neck** measures & 1 076245
conditions of soil & non-**root nutrition.** [Ex- 078220
Oak root rot disease & possible means of c- 078913
triphosphatases from wheat & **oat roots** at d- 077838
of nucleoside diphosphatase in **onion root** tip 078053
Root parasitism in Castilleja rhexifolia Rydb 079424
contents in parenchyma cells of **parrot root** 077001
prior to mitosis in cultured **pea root** cortex 077989
Influence of **pea-root** exudates on germinati- 078902
of monovalent cations by **plant roots.** 6. effe- 077786
of stem, branches & **roots** of **Platanus** X ace- 076962
ammonia-lyase activities in **potato roots** & t- 079344
understorey vegetation & fine **root quantity** 076847
Root region microflora of plants with refere- 077451
of bacterial wilt, black **root rot** & black sha- 077034
Wilt or **root rot** of wheat due to Sclerotium 078911
Oak **root rot** disease & possible means of c- 078913
Correlation of seed size & **root rot** resistance 078918
Incidence of avocado **root rot** in relation to 078936
How do you thin a **root rot** replant block? 078937
Avocado **root rot** research program. [Phyto- 078938
in control against honey fungus & **root rot.** 079009
of tea bushes associated with a **root rot.** [Ca- 079066
Relation of calcium to **root rot** of robacco i- 079088
Phymatotrichum [omnivorum] **root rot.** [Co- 079109
of bacterial wilt, black **root rot** & black sha- 079254
dehydrogenase from Pisum **sativum roots.** [078113
of carbohydrates in **roots** of **selective** forms 077682
control of differentiation of **shoots, roots** & 078100
Differential exposure of **roots** & **shoots** of n- 079500
Distribution of **rootlets** & **small** roots in soil 076928
of herbicides through soil to **soybean roots.** 077647
discovered in ancient Pompeii: **root** & **stake** 078822
Effects of fertilizer on **root strength** of She- 077671
Origin & development of aspen **root suckers** 076916
Investigation of winter wheat **root system** c- 077741
Some features of structure of **root systems** of 076953
Studies on effects of **root temperature** & its 078017
Duration of mitotic cell cycle in **root tip** cel- 076943
nucleoside diphosphatase in onion **root tip.** 078053
of herbicide diphenamid in corn **root tip.** 079535
protein in Cichorium intybus **root tissue.** [C- 077495
properties on development of apple-**tree root** 078149
on selection efficiency for **root weight** & sug- 077796
Investigation of winter **wheat root** system c- 077741
Investigation of winter **wheat root** system c- 077742
nucleohistones in cucumber & **wheat roots.** 079599
i. Water flux within & below **root zone.** 081012

ROOTSTOCKS
Golden Delicious apple on M II **rootstock.** 078740
Apple rootstock studies: growth & cropping 078672
Rootstocks for **apples** & pears. 078725
Avocado rootstock-scion relationships: a long 078644
on growth of apple & **cherry rootstocks** on l- 077996
Poly-**embryonic rootstocks** for mango. 078588
for production of **grape rootstocks.** 078809
removal of buds from **grape rootstocks.** 078812
on dwarf & vigorously **growing rootstocks** in 078195
Effect of **rootstock** on **growth,** yield & quali- 078171
on different **Mahaleb rootstocks** in nursety 078711
Propagation & **rootstock problems** in Mangi- 078601
Interaction of **rootstock, scion** variety & vir- 079181
various peach & apricot **seedling rootstocks** 078734
apple trees on apomictic **seedling rootstocks** 079180
Rootstocks for **sour** cherries. 078817
Rootstock studies in Mangifera indica L. [078587
Defoliation of **rootstocks** & **young** fruit trees 078749

ROOTWORMS
Corn rootworms in Michigan. [Diabrotica l- 079733

ROSA
Introduction of species of **Rosa.** 078044
in red & yellow rose varieties. **[Rosa].** 078163

ROSACEAE
Taxonomic supplement to **Crataegus** L. in C- 076754
of seeds of **Pyracantha angustifolia.** 077519
Garden **escaped Spiraea** species & hybrids in 076623
primary host plant. **[Spiraea thunbergii].** 079849
Regeneration of **Sorbus torminalis** 1. 076359

ROSES
Small advice, beautiful gardens. **[Roses].** 078629
Let's take care of our **roses:** Sawflies. [Arge 079762
Treatment of **rose bushes** should not become 079384
Roses from **Canada.** 078628
Tetranychus urticae) on **glasshouse roses.** 079843
winter flowering of greenhouse **grown roses** 078033
Roses in **joint** owenership housing developm- 078627
flower thrips control on **outdoor roses.** 079840
Planting roses. 078854
heterosides in red & yellow **rose varieties.** 078163

ROT
Bacterial rot of stored mangoes. 079115
Brown rot of peaches, plums, cherries & oth- 078971
Collar rot & leaf rot of salad plants. [Sclero- 079013
Problem of dry-**rot control** & preservation of 076568
Oak root **rot disease** & possible means of c- 078913
Bacterial soft **rot diseases** of headed cabbage 079127
Problem of **dry-rot** control & preservation of 076568
Problem of **dry rot** of potato tubers. [Fusari- 079058
Fungi causing **dry rot** of potatoes in Poland. 079059
prevention of Diplodia stem-**end rot** of ripe 078890
Serology of **foot-rot:** antibodies against Fusi- 075641
Foot rot research at Oregon State Universi- 075791
chrome preservatives for wood soft-**rot fungi** 076563
Notes on forest diseases & **rot fungi** in Icel- 079087
of wood by use of a white-**rot fungus.** [Peni- 076517
of carbohydrates by soft **rot fungus,** Chaeto- 079112
Collar rot & **leaf rot** of salad plants. [Sclero- 079013
Rotting of **onions** & possibilities of its limit- 078975
in Gladiolus Fusarium. **[Oxysporum, rot].** 078966
Ecological studies on peach **Phomopsis rot.** 078931
How do you thin a root **rot replant** block? 078937
Foot **rot research** at Oregon State Universi- 075791
Avocado root **rot research** program. [Phyto- 078938
Correlation of seed size & root **rot resistance.** 078918
of bacterial wilt, black **root rot** & black sha- 077034
Wilt or **root rot** of wheat due to Sclerotium 078911
Oak **root rot** disease & possible means of c- 078913
Correlation of seed size & **root rot** resistance 078918
Incidence of avocado **root rot** in relation to 078936
How do you thin a **root rot** replant block? 078937
Avocado **root rot** research program. [Phyto- 078938
in control against honey fungus & **root rot.** 079009
of tea bushes associated with a **root rot.** [Ca- 079066
Relation of calcium to **root rot** of robacco i- 079088
Phymatotrichum [omnivorum] **root rot.** [Co- 079109
of bacterial wilt, black **root rot** & black sha- 079254
chrome preservatives for wood **soft-rot** fungi 076563
Utilization of carbohydrates by **soft rot** fun- 079112
Bacterial **soft rot** diseases of headed cabbage 079127
Causes & extent of **stem rot** in spruce stands 078970
Rhizoctonia [salani] **stem rot** of Crossandra. 079015
of Macrophomina [phaseoli] **stem rot** of jute 079084
Defibration of wood by use of a **white-rot** fu- 076517

ROTARY
Agricultural Machinery]. IV. **Rotary milking** 080946
of tilling-seeder set to **rotary tiller** & applic- 080931

ROTATION
Fodder roots in **rotation.** 078461
Rotational canal closure & multiple cropping 078363
to subsequent crop in wheat--**corn rotation.** 081473
of cereal production within **crop rotation** wi- 078301
Economics of **crop rotation** in bundelkhand 078367
systems--results & prospects--**crop rotation** 078388
Role of preceding crops in **crop rotation** on 078517
Principles of **crop rotation.** V. Models of so- 078548
Principles of **crop rotation.** VI. Research & 078550
VII. Research & practice in **crop rotation** on 078557
Role of alfalfa in rice **crop rotation** system. 078565
system from point of view of **crop rotation** 079037
of organic matter in different **crop rotations** 081007
of potassium fertilizers in field **crop rotation** 081306
Fertilizers for winter rye in **crop rotation** in 081308
on productivity of alfalfa in **crop rotation** wi- 081715
with yield supplements in **rotated crops.** 081307
of dairy heifer under **rotational grazing.** 074991
in sheep under intensive **rotational grazing** 075592
cultivated soil: length of **rotation** in **newly** c- 079307

ROTYLENCHULUS
related to cotton. **[Rotylenchulus reniformis** 079403

ROUGHAGE
VII. digestion of a medium **quality roughage** 074867
on voluntary intake of low **quality roughage** 075092
of divided feeding of **roughage** on **rate** of eat- 074984

RUBIDIUM
uptake of sodium & **rubidium** along **barley** r- 077842

RUBRATOXINS
of aflatoxin & **rubratoxin** to **chickens.** 076136

RUMEN
of recording fermentative gases of **rumen.** [074793
populations in an improved **artificial rumen.** 074671
mode of gas production in **artificial rumen** & 074982
growth rate of calves by **avoiding rumen** fe- 074899
anaerobic mycoplasma from **bovine rumen.** 074635
on ensiling process & **rumen digestion** of dai- 074369
In vitro simulation of **rumen fermentation:** 074650

of unsaturated fatty acids in **rumen** of **goats** 074981
feeding of lambs. III. **Rumen metabolic** res- 074870
Rumen stimulatory factor research--current 074916
on microbial population in **rumen** of **Zebu** c- 074633

RUMEX
in root tip cells of male **Rumex acetosa.** 076943
origin cultivated in virto. [**Rumex acetosa**]. 079166
Is **Rumex alpinus** L. in Orlicky mountains o- 076757
Herbicides for control of docks (**Rumex spp** 079431

RUMINANTS
concentrates used in feeding of **ruminants.** I. 074706
fermentative gases of rumen. [**Ruminants**]. 074793
free, anabolic hormone for **ruminants:** Possi- 075024
Research on feeding behaviour in **ruminants.** 075085
an artificial anus on right flank in **ruminants.** 075521
in treatment of moniesiasis in **ruminants.** [075751
Manganese deciciency in **ruminants.** Manga- 076005
Manganese deficiency in **ruminants.** 4. influ- 076006
Liver flukes of **ruminants** in **Algeria.** 075965
cells in lungs & liver of **certain ruminant** sp- 074529
Problems of **feeding ruminants.** 075011
supply of dried forage in **ruminant feeding.** 075120
Supply of feed urea in **ruminant feeding:** Hi- 075122
Ruminant ketosis, iI. secondary ketosis. [Ca- 076061
with labelled urea on **lactating ruminants.** 3. 074864
in feed rations of **ruminant livestock.** 075148
of fascioliasis in **ruminants** in a **typical** semi 075685
tract of **ruminants** with **varying** milk fat con- 074848

RUNOFF
Great Plains stream receiving **feedlot runoff** 081877
Keeping runoff safe. [Feedlots, pollution]. 081765
of fertilizer nutrients in **surface runoff.** 081354
phosphorus losses in **surface runoff** from agr- 081520
Nitrogen losses in **surface runoff** from agricu- 081547

RURAL
Future of **rural America**-- quest for balance. 072647
when industry moves into a **rural area.** [Lab- 072755
Hydrology in **rural area.** 081681
Investment policy in **rural areas** as an instr- 073082
Mosquito control for **rural areas.** 080041
Argentine Rural Society & Meat Advisory 073516
Ministers in **rural churches** of Missouri. 072684
Rural communities & regions. [U.S.]. 072717
of new industry on **rural communities** with 073552
Prospects for **rural community** function & o- 072681
of land & its control over **rural community** 072753
Land use & **rural development.** 072772
Rural development--a movement whose time 073396
movement & **rural development.** [U.S.]. 073553
Rural economic research: new frontiers for 072776
Structure of **rural economies.** [Louisiana]. 072760
systems in districts. [**Rural electrification**]. 072823
silence & with profit. [**Rural electrification**] 080777
Evaluation of **rural houses.** [India]. 080763
On linking local **rural income** redistribution 073134
windfall gains, & distribution of **rural income:** 073130
a first step toward an **integral rural** manag- 072764
policy: a simulation approach. [**Rural lands**] 072775
On linking **local rural** income redistribution 073134
step toward an integral **rural management.** 072764
Crisis of land & its control **over rural** comm- 072753
concerning attitude of **rural population.** 072657
Argentine **Rural Society** & Meat Advisory 073516
Rural sociologist contribution to implement- 072695
in micro-level planning for a **rural Taluka:** 073538
Rural town & scale question. 072716

RUSCUS
Ruscus aculeatus L., a plant with berry on 076957

RUSSULA
SEE AGARICACEAE

RUST
avenae. I. Dynamics of development of **rust** 078898
Effects of ozone on **bean rust** Uromyces pha- 078940
Larger loss in yield by **black rust:** chemical 079050
Physiologic races of **crown rust** (Puccinia co- 078949
Physiologic specialization of oat **crown rust** 078953
wheat cultivars in **rusts** in **Czechoslovakia.** 077170
Notes on yellow **rust epiphytotic** in Denma- 078952
Rust fungi of madras state. III. Puccinia. 076718
Rust fungi of Madras State. IV. Puccinia. 076719
Rust fungi of madras state. III. Puccinia. 079028
Rust fungi of Madras State. IV. Puccinia. 079029
Rust fungus genus Nyssopsora & its host re- 078964
of different Lr genes to Indian **leaf rust** rac- 077254
Septoria, Pelargonium, **rust, natural** control] 079113
of various wheat species & brown **rust races.** 079094
Rust research at Laboratory of Phytopathol- 078951
Inheritance of stripe **rust resistance** in inter- 077133
in specific wheat stem **rust resistance.** [Hel- 078948
powdery mildew, stem, brown & **stripe rusts** 079064
Effects of vernalization on **yellow rust** in ce- 078947

RUTABAGA
out amitrol. [Agropyron **repens, rutabagas**]. 079522

RUTACEAE
Zanthoxylum conspersipunctatum (**Rutaceae** 076432
Chemosystematics in **Rutaceae.** II. chemosy- 076797
Zanthoxylum decaryi H. Perrier (**Rutaceae**) 077318

RYE
substituted interchange heterozygotes of **rye** 077048
Valence crosses in **rye** (Secale cereale). 3. F- 077054
Study of trisomic forms of **rye** (Secale cerea- 077056
Genetics of **rye** (Secale cereale L.). XII. In- 077199
metabolism in germinating embryos of **rye** 077627
of three-species wheat-**rye amphidiploids.** 077201
Storing **autumn rye** by soaking it in Neo-Vo- 074213
study of vegetative organs of **certain rye** var- 076948
in mating behavior of **rye chromosomes.** 077057
composition of rye grain, sieved **rye-flour,** b- 074230
Basic problems of **rye genetics.** 077094
Amino acids composition of **rye grain,** sieved 074230
Bioluminescence of seeds of **rye-grass** & bar- 077628
Rye grass trials at Kentville. [Lolium]. 078325
Quality of **rye harvest** in 1972. 074114
potatoes planted in chemically **killed rye.** [081553
Purification of oat & **rye phytochrome.** 077859
characterization of oat & **rye phytochrome.** 077860
of rock phosphate by cabbage & **rye plants.** 078075
productivity of crop fields. [**Rye, potatoes**]. 078250
Tendencies of changes of **rye quality** by nitr- 074121
acids composition of rye grain, **sieved rye-fl-** 074230
sowing rate on yield of **tetraploidal rye** und- 077757
Evaluation of new **rye varieties** & strains wi- 077252
of vegetative organs of certain **rye varieties** 076948
yields to result from both **rye & wheat** flours 074186
duration of female meiosis in **wheat, rye &** 076982
Synthesis of three-species **wheat-rye** amphid- 077201
Secale cereale L. (2n=14). [**wheat, rye**]. 077257
Gibberellin level in some **wheat, rye** & barl- 077905
Experiments to inhibit growth of **winter rye** 078671
mold etiology & resistance of **rye & winter** 078984
Fertilizers for **winter rye** in crop rotation in 081308
fertilization of potatoes & **winter rye** on sa- 081388

RYEGRASS
intake of cows grazing on **Italian ryegrass** p- 074988
with Westerwold ryegrass & **Italian ryegrass** 078432
Perennial ryegrass & timothy for pasture. [078328

SACCHARIDES
Identification of **saccharides present** in cell 077371

SACCHAROMYCES
genes in hybrids of **Saccharomyces.** 077220
pyrifera & **Saccharomyces cerevisiae**) on pr- 075584
to X-rays. [**Saccharomyces cerevisiae**]. 077230
polyploid series of **Saccharomyces cerevisiae** 077196
life of sour dough. [**Saccharomyces exiguus,** 074187
factors in **Saccharomyces yeast.** 077197

SACCHARUM
Cultivation of sugar maple (**Acer saccharum**) 078851

SACS
Ultrastructure of abdominal **air sac** of fowl. 074781

SAFETY
Using hand signals for agriculture. [**Safety**] 080694
Simple & **safe actions** to be taken in bakery 074186
A **safety cabin** for agricultural tractors. 080977
Safety conditions of tractors. 080910
between hazard & **safety** in **evaluation** of h- 080132
Suggestions for **safety** of **farm** work. 2. actu- 073035
Suggestions for **safety** of **farm** work: what is 080725
Food safety & food poisoning. 073703
air pollution, OSHA [**Occupational Safety** 073549
most out of OSHA. [**Occupational Safety** & 076244
Carolina oeganizes for **Project Safeguard.** [080070
Safety regulations in hatcheries. 080700
Comfort & **safety** in **riding.** [Agricultural eq- 080909
to implementing health & **safety rules** in ve- 075495
Keeping **runoff safe.** [Feedlots, pollution]. 081765
materials from point of view of **work safety** 079455

SAFFLOWER
Effect of increasing amount of **safflower oil** 074981
supplement of stearic acid or **safflower oil** on 074983

SAGEBRUSH
nitrogen content of **bit sagebrush.** [Artemisia 077775

SAGITTAL
Sagittal fractures of first phalanx (Pl) in ho- 076162

SAGITTARIA
SEE ALISMATACEAE

SAINTPAULIA
SEE GESNERIACEAE

SALAMI
Research on acidic ripening of **dry salami.** 074021

SALINITY
Effect of **acid, saline** & alkaline soils on crop 081534
Surface drainage methods for **saline-alkali** s- 081643
Salinity & alkalinity conditions in Quibor 081016
activity in **chloride salinization.** 076959
table, waterlogging & **salinity conditions** on 081084
peruvianum under low & **high salinity.** 078000
for development of suitable **saline media.** 080222
of a small volume of **normal saline.** 075263
Saline & sodic soil & amelioration methods 081566
Studies on waterlogged **saline sodic** soils of 081644
as indicators of conditions of **soil salinity** of 076829
as affected by nitrogen & **soil salinity.** [Cyn- 077663
Influence of **soil salinity** upon fruiting & sh- 077912
as indicators of conditions of **soil salinity** of 081068
quality of ground water on **soil salinization:** 081101
Effect of **salinity** on **time** course of wheat se- 077867
Influence of **saline water** on mineral balanc- 074866
Investigations on ground **water salinization** 081698

SALIVARY
for improving **salivary chromosome** preparat- 080254

SALIX
Cytotaxonomical discussion of **genus Salix.** 076724
a new anthocyanin in **Salix purpurea** Bark. 078225
Change in anatomic structure of **Salix trunk** 076999

SALMON
a case study of Middle Fork of **Salmon.** [Id- 081883

SALMONELLA
as a poultry litter fumigant for **salmonellas.** 075654
of antibiotics on immunity in **salmonellosis.** 075971
vaccinating baby pigs **against salmonellosis.** 075968
Elimination of **salmonellae** by **biological** tre- 081775
On presence of **Salmonella** in **broilers** slaug- 073562
Association of **Salmonella dublin** with bovine 075645
Salmonella dublin abortion in a New South 075646
hen, duck & goose. [**Escherichia, Salmonella** 073669
in **experimental salmonellosis** of sheep. 075826
rough mutants of **Salmonella gallinarum.** [C- 075784
Salmonella in **laying** hen. I. Salmonella rec- 073664
against **leptospirosis, salmonellosis** & pasteu- 075959
Salmonellosis, manure flies, & pastures. [Di- 075739
curves for **Salmonella oranienburg** in egg pr- 073663
bone marrow cells. [Guinea-**pigs, Salmonella** 075689
Isolation of **Salmonellae** from **pork** carcasses 073565
Salmonella spreading through infected ice c- 073618
A case of occurrence of **Salmonella takoradi** 075749

SALSOLA
Russian-thistle (**Salsola**) species in western 076696

SALTS
On role of vegetation in **salt accumulation** p- 077299
but containing urea & **ammonium salts** as on- 074925
Using **ammonium salts** in feed rations of tu- 074993
Pollination of typically **anemophilous salt** 077314
Effect of **chloride salting** on calcium accumu- 077721
addition of nitrate & nitrite **curing salt** to 073606
wheat as affected by **salting** of **different** qual- 077675
Effectiveness of **micronutrient salt** supplem- 075132
root dressing with **salts** of **micronutrients** on 077639
cations by plants in **relation** to **salt** injury. 1 077786
Salt tolerance in wild relatives of cultivated 078000
of anal papillae of a **salt-water** mosquito lar- 080316

SALVIA
of Petunia, Tagetes, Ageratum, & **Salvia.** 078034
to cytotaxonomic study of **Salvia** in **Turkey.** 076776

SAMBUCUS
latent virus. [**Sambucus canadensis**]. 079176

SAMPLING
A stabilized drop for unit-**area sampling** of i- 079637
use of technique for **extensive sampling** of s- 079905
Sampling for **laboratory** medicine procedures 075539
Rationalization of **sampling methods** in fore- 076246
Determining size of **random sampling** for per 077050
Sweepnet sampling for cereal leaf beetle, O- 079700
A **sampling technique** for estimating numeri- 079907

SAND
carbon on persistence of atrazine in **sand.** [079604
fate in soils of Ily Taukum **sandy desert.** 081170
Change in chief industry of **sandy Drenthe** 072720
air-water system in a fine-**grained sandy** sub- 078805
On study of flora of **Kuchurgan Sands.** 076763
Heterodera rostochiensis, in **sandy loam** & s- 079237
Summer irrigation in sandy & **sandy loam** s- 081611
fruit production on Nisqually **loamy sands.** 081518
reserves in soil profile of loose **silty sand** at 081211
sitchensis in mixed culture on **sandy soils.** 076360
phosphate potentials for **sandy soils** of Hutt- 081134
sitchensis in mixed culture on **sandy soils.** 081361
of potatoes & winter rye on **sandy soils.** [H- 081388
Raising grape seedlings in **sandy substrate.** 078802
On physiological activity of **sandy substrates.** 078804

SANITATION
Wood products in **sanitary facilities** of agric- 076444
evaluation of **factory sanitation.** [Food]. 073614
Integration of **sanitation, insecticides,** & ste- 079804
of Veterinary **Sanitary Inspection** (WIS). 075753
Adapation of **sanitary measures** & serology 075849
Hygiene & **sanitation** in **milk** production. 073969
Index of authorized **plant sanitary** products 080061
of pine according to forest **sanitary points** of 076314
Bioclimatology & **sanitary protection** of cro- 079256
Sanitation of **stall** construction components 080701
Animal **waste sanitation** & disposal. 074406

SANSEVIERIA
of apartment plants: **Dwarf Sansevieria.** 078787
to leaf ontogeny in **Sansevieria trifasciata.** 076896

SAP
substances in roots & **bleeding sap** of annual 077608
compounds in roots & **bleeding sap** of certain 077609
Amino acids in **bleeding sap** of grapevine. I. 078079
Amino acids in **bleeding sap** of grapevine. II 078080
components from vacuolar & **plasmatic sap.** 077919
Effects of cytokinins in **xylem sap** from app- 078057

SAPODILLA
in Achras sapota L. [**Sapodilla**]. 077158

SAPOGENINS
Australian timbers. .IL. **Minor sapogenins** of 076431

SAPONINS
Interaction of **alfalfa saponins** with compon- 077696
chromatography study of **saponin** from **bark** 077555
index of total amount of **saponins, extracted** 077583
Study of **triperpene saponin** of Poterium las- 077392
Comparative testing of **saponin vaccines** aga- 075889

SAPOTA
SEE ACHRAS

SAPROPHYTIC
Saprophytic fungi on Vitis pallida Wt. & Arn 076707
mycorrhizal, parasitic & **saprophytic fungi.** 077373
of plant parasitic & **saprophytic nematode** p- 079305

SAPWOOD
Respiration in **sapwood** & **heartwood** of Rob- 078229
microbial colonization of **sapwood** of **pruned** 078915

SARCOMA
of viruses of avian leucosis/**sarcoma group** & 075649
resistance to subgroup C **leukosis-sarcoma** v- 074747
of fowl to RSV(RAV-O) [**Rous sarcoma** virus 074661
Regression of **Rous sarcomas** in two lines of 075817

SARCOPHAGA
of wing disks of **fleshfly, Sarcophaga** peregr- 080319

SARCOPHAGIDAE
Diptera of **family Sarcophagidae** as a comp- 079952

SARCOPSYLLIDAE
dermatophilosis. [**Dermatophilus congoleniis** 075622

SARCOPTIDAE
an unnecessary evil. [**Sarcoptes scabiei**]. 080027

SATSUMA
on potassium nutrition of **Satsuma mandarin** 078019
on developing qualtiy of **Satsuma mandarin.** 078174
a big sized cold storage for **Satsuma orange** 074302
characteristics of "**Satsuma oranges** in Balc- 077004

SATURATION
movement of liquid in an **unsaturated area** in 081713
Saturated fat in diet & serum cholesterol co- 073713
diet on hydrogenation of **unsaturated fatty** a- 074981
dispersion studies in **unsaturated glass** bead 081089
carbohydrate metabolism in **high saturated** 074632
at determination of **saturation temperature.** 074174

SAUCES
of Cuenca del rio **Sauce Grange** considered 081697

SAUSAGE
Results of cold storage of meat & **sausages.** 073995
Composition & evaluation of **blood sausage** 074018
quality of canned meat & **canned sausages.** 073600
nitrite content in dry **sausages containing** 074019
of mycotoxin Patulin in **dry sausage.** [Penici- 073609
of light filth foom fresh **pork sausage.** 073576
Vaccum packing of **sausages** & **products** in 074007
Packaging of sausages & **sausage products** in 074010
to increase production of **storage sausage.** 074028

SAVANNAH
phanerophytes of northwest **African savanna** 076489

SAWFLIES
Let's take care of our roses: **Sawflies.** [Arge 079762
On some **tertiary sawflies** (Hymenoptera, S- 080592

SAWING
concerning use of motor **chain saws** for limb- 076516

SAWMILL
on padi straw, banana leaves & **sawdust.** 078870
Sawmill capacity of north German Lowland 076463
communities in forest & **sawmill habitats** on 079102
between forestry & **sawmill industry.** 076237
cutting & storage dates of pine **sawmill logs** 076560
limits of utilization of **mobile sawmills** in fo- 076464
of residue utilization from a **sawmill point** of 076504

SCAB
Venturia pirina) (Bref) Aderh & **apple scab** 078923
Apple scab. [Fusicladium dendriticum, Vent- 079069
means to control potato **common scab** (Stre- 079136

SCABIES
var. radicula Pers.). [**Streptomyces scabies**] 079033
potato common scab (**Streptomyces scabies**) 079136

SCALE
meat as a new branch of large-**scale animal** 074481
population studies of cottony-**cushion scale,** 079819
Mechanization of large-**scale enterprises** of 074453
salt supplements in large-**scale fattening** of 075132
Large-**scale fattening** of young cattle in Len- 075159
utilization of sugar beets in large **scale feed** 074343
relationships: a long-term, large-**scale field** r- 078644
Practical aspects of a large-**scale field** test of 079982
studies of cottony-cushion **scale, Icerya** pur- 079819
Industrial-scale vegetable production & dem- 073263
plant protection in **industrial scale** vegetable 079291
Industrial-scale plant production & problems 081414
State of research on **scale insects** & Aleyrod- 079813
On large-**scale introduction** of achievements 075435
Pilot-**scale investigation** of heat & mass tra- 081825
Problems of livestock raising on a **large-scale:** 072806
Large-scale swine enterprises in Estonia. 072972
of utilization of sugar beets in **large scale** fe- 074343
Mechanization of **large-scale** enterprises of 074453
Large-scale rabbit production for meat as a 074481
Pied & Simmental bulls with **large-scale** rais- 074485
methods & technology of **large-scale** raising, 074487
micronutrient salt supplements in **large-scale** 075132
Large-scale fattening of young cattle in Len- 075159
Effectiveness of **large-scale** raising of young 075405
On **large-scale** introduction of achievements 075435
vaccine against swine fever in **large-scale** pig 075955
economic evalutation of **large-scale** nurseries 076277
Large-scale photosynthetic production of ca- 077693
scion relationships: a long-term, **large-scale** f- 078644
Practical aspects of a **large-scale** field test of 079982
Mechanization of **large-scale** production fo- 080775
Mechanization of **large-scale** enterprises of 080965
bark pitting associated with **latania scale.** [079794
Series of small-**scale maps** of engineering ev- 081801
of antibiotic mixtures in ultra-**micro scale** by 073839
evalutation of large-**scale nurseries** & their 076277
Large-**scale photosynthetic** production of ca- 077693
vaccine against swine fever in large-**scale pig** 075955
Pilot-scale investigation of heat & mass tra- 081825
of burry wool on a pilot-**plant scale.** 074048
Industrial-**scale plant** production & problems 081414
Mechanization of large-**scale production** fo- 080775
Rural town & **scale question.** 072716
Large-**scale rabbit** production for meat as a 074481
Simmental bulls with large-**scale raising** & f- 074485
methods & technology of large-**scale raising,** 074487
Effectiveness of large-**scale raising** of young 075405
Series of **small-scale** maps of engineering ev- 081801
Large-**scale swine** enterprises in Estonia. 072972
Industrial-**scale vegetable** production & dem- 073263
protection in industrial **scale vegetable** & fr- 079291

SCANNING
Differential **scanning calorimetries** of bright 077736
Differential **scanning calorimetry** of nicotine 077737
granules as seen by both **scanning electron** 073910
techniques of pollen by **scanning electron** m- 076886
using light & **scanning electron** microscope. 076923
as revealed by **scanning reflection** electron 076879
seedlings measured by **scanning a single** see- 077873

SCARABAEIDAE
zealandica (Coleoptera: **Scarabaeidae**) 2. use 080366
New species of **Scarabaeidae** (Coleoptera) f- 080465
semipunctatus F. (**Coleoptera, Scarabaeidae**) 080501

SCATTERING
of soil moisture by **neutron scattering.** 081001
of absorption & **scattering properties** of wo- 076511
of genetic effects of **scattering radiation** with 077130

SCELIONIDAE
sp.) by cobalt 60. [**Telenomus, & Asolcus,** B- 079757

SCENEDESMUS
present in cell walls of **alga Scenedesmus** ob- 077371

SCENT
SEE ODOR

SCHEDULE
influenced by irrigation **schedule, cultivar** & 078261
An experiment in **irrigation scheduling.** [Su- 081604
Irrigation schedules in an avocado plantation 081607
Irrigation scheduling for grain sorghum. 081612

SCHISTOCERCA
tendency of locusts **Schistocerca gregaria** af- 080328

SCHIZOPHYLLUM
Chlamydospores of **Schizophyllum commune** 076903
fibres. [**Schizophyllum commune,** drosophila 076926
on mutagenesis in **Schizophyllum commune.** 077448
fibres. [**Schizophyllum commune,** drosophila 080245

SCHOOLCHILDREN
SEE CHILDREN

SCHOOLS
on job training by an **agricultural school** of 072654
education programs for pre-**school children.** 073717
School feeding: New Orleans style. [Food h- 073735
in education of earth science in **high school** 072688
director on operation of **Horticulture School** 078797
School lunch: Alaska style. 073732
compete with type A. [**school lunches**]. 073778
School tax options affecting Illinois agricult- 073051
of Journal published in **University School** of 075447

SCIONS
Avocado rootstock-**scion relationships:** a long 078644
Interaction of **rootstock, scion** variety & vir- 079181

SCIURIDAE
Ectoparasites of **Citellus undulatus** with res- 080045

SCLEROSPORA
heads for Cornbelt. [**Sclerospora sorghi**]. 078956

SCLEROTINIA
rot of salad plants. [**Sclerotinia, Botrytis**]. 079013

SCLEROTIUM
root rot of wheat due to **Sclerotium rolfsii** 078911

SCOLYTIDAE
ponderosae (Coleoptera: **Scolytidae**). 079890
sulcatus (Coleoptera: **Scolytidae**). 080217
Biological studies of **Brazilian Scolytidae** & 080419
piniperda L. (**Coleoptera Scolytidae**) on tru- 079912
Scolytidae & **Platypodidae** as well as other 079881

SCOLYTOIDEA
to morphology & systematics of **Scolytoidea** 080622

SCOLYTUS
feeding stimulant for **Scolytus multistriatus:** 078226

SCORE
of results of sensoric **score judging.** [Food]. 073648
Scoring of **taste** test data on computer cards 073737

SCORPIONIDA
animal experimentation. [**Scorpionida**]. 080424

SCORPIONS
New **scorpions** from **Israel,** Jordan & Arabia 080575

SCREENING
with a view to improving **screening capacity** 081532
A **screen** for **dry** maintenance of nutria. 074392
Screening of **effluents.** [Wood pulp mills, wa- 081855
A **screen** for **pesticide** toxicity to protein & 080083
A **rapid screening** technique for photosynthe- 077546
Screening sugarcane varieties for resistance 079080
Jassidae) 1. **Screening** of **varieties** under fie- 079831

SCROPHULARIACEAE
glycosides in **Scrophulariaceae family.** 077276
studies of herb of **Veronica officinalis** L. 077275

SCUTELLUM
from maize endosperm & **scutellum.** 077864
phosphate synthetase in **scutellum.** 077865
of malate synthetase from **maize scutella.** 077870

SEA
cartography of groups of plants under **sea.** 076691
Fucales: Culture experiments in **sea.** 077413
yield of grain crops in northern **Azov Sea** r- 081298
of potassium in soils of northern **Black Sea** 081152
capacity of grass swards in some **sea dikes** of 081588
along coast of Pacific ocean (**Sea** of **Hyuga**) 081144
Effect of altitude above mean **sea level** on d- 077594
algae from coral reef at Eilat (**Red Sea**). 076837

SEAFOOD
risk of botulism from **seafood cocktails.** 073566

SEASONING
Seasoning lumber for agricultural use. 076505

SEASONS
Skin production for 1971/1972 **season.** [Mi- 074037
t we have a strawberry crop after **season?** 2. 078839
with tobacco in 1968-69 & 1969-70 **seasons** 079382
analysis of **seasonal adaptations** in tick, De- 080376
After difficult corn **season, agroclimatic** con- 078469
dry sheep during **seasonal anoestrus.** 075278
Four **seasons** of **apartment** plants: Dwarf S- 078787
possibilities of reducing **seasonal aspects** in 076378
Bloat season is here so take precautions now 076023
New **buying season.** [Minks]. 073190
Seasonal changes in growth rate of duckweed 077404
Seasonal changes in ovarioles of workers of 080289
Composition & **seasonal changes** in minerali- 081596
levels of four herbicides on **cool-season** regr- 077664
After difficult **corn season,** agroclimatic con- 078469
increment of forest trees in **seasonal course.** 078235
Off-**season cropping** of mango. 078593
Seasonal distribution & behavior of Californ- 079984
Vertical & **seasonal distribution** of nematod- 081056
Seasonal & **diurnal** rhythm of plant floweri- 078209
Seasonal dynamics of plant communities. 076866
Seasonal dynamics of nitrates in southern 081253
Extending season of forage production on b- 078535
Seasonal fluctuation in respiration of aging 078205
at rest: efects of diets & **season** on **gas** meta- 074607
characteristics of warm-**season grasses.** I. S- 077790
differences of several warm-**season grasses** in 077791
of added rainfall during **growing season** in 081594
Effect of **season** of **growth** on chemical com- 078221
Influence of **season** of **lambing** on Post-part- 075260
Seasonal live body mass changes & wool gr- 074999
Ixodidae). III. effect of **season** on **molting** t- 080347
diagnosis, listing & **seasonal occurrence.** 075750
presence of agent & **seasonal occurrence** of 075919
diversity in early & late **season oldfield** plant 076854
changes in vegetable prices: **seasonal price** f- 073348
Florida citrus **products,** 1971--72 **season.** 073205
Present possibilities of **reducing seasonal** as- 076378
of four herbicides on cool-**season regrowth** of 077664
of semidesert grasses to **seasonal rest.** [Graz- 078390
from results of 1971/72 **storage season.** [Fru- 074270
storage during 1971/72 **storage season.** 074271
Seasonal variation in flowering of common 077614
Seasonal variation in incidence of malformat- 079218
Seasonal variations of chemical composition 074990
Seasonal variations in sexual activity of ram 075301
mutrition characteristics of **warm-season** gra- 077790
Specific differences of several **warm-season** 077791
milk in Philippines caused by **season** of **year** 073927
III. Effect of pregnancy & **seasons** of **year.** 075803
Grain: weed control for all **seasons** of **year.** 079512

SEAWEED
activity of commercial **aqueous seaweed** ext- 077547

SECALE
Valence crosses in rye (**Secale cereale**). 3. F- 077054
of trisomic forms of rye (**Secale cereale**). 077056
Genetics of rye (**Secale cereale** L.). XII. In- 077199
durum Desf. (2n=28) & **Secale cereale** L. (077257
germinating embryos of rye (**Secale cereale** 077627
genoms in relation to other **Secale genoms.** 077058
Secale vavilovii as partner in valence crossi- 077059

SECRETION
alkaline phosphatase & **secretion** of **enzyme** 075602
secretion along **gastrointestinal** tract of chi- 074971
free from accessory sex **gland secretions.** 075280
of gland functions with **inner secretion** to c- 074637
for obtaining undiluted **nasal secretions** from 074539
Composition of tick oral **secretions obtained** 080346
resin ducts & amount of **secretion** in **Pinus** 078217
of proteins of boar **vasicular secretion.** I. El- 075327

SECTIONING
SEE MICROTOMY

SEDIMENTS
of dominant grasses in **bottom sediment** from 077936
Year-old pine wood from **deep sediments** ne- 076726
Erythrocyte sedimentation in Throughbred 074571
in livestock. IX. **oblique sedimentation** of er- 074774
harve in 1972. [**Proteins, sedimentation** rate 074113
studies of **sediments** from **Salzofen** cave in 076723
cesium 137 in soils & **sediments** in **selected** 081879
residues in waters & **sediments** from **storage** 081865
Fate of **suspended sediment** during basin re- 081748
Sediment yields from small rangeland water- 081664

SEEDBED
with different tillage & **seedbed implements,** 081531
tillage as a method of **seedbed preparation** f- 078403

SEEDING
meadow improvement through **seeding.** [We- 078394
machine for row **seeding, application** of co- 080995
Rootplowing & **seeding arid** rangelands in S- 078393
Numerical simulation of **cloud seeding** exper- 081662
Regenerating loblolly pine by **direct seeding** 076408
Kale--**direct seeding** in spring. 078720
eradicating, basin pitting, & **seeding machine** 080894
Pure & **mixed seeding** as a problem in grass 078575
Effect of row spacing & **seeding rate** on seed 078337
Juko combination machine for **row seeding** 080994
Spring seeding in field forage cropping. 078539
Seeding sunflowers. 078471
Mechanization of **seeding** & **transplanting.** 078674

SEEDLINGS
of isolated maize (Zea mays L.) **seedlings.** 077704
of apple trees on **apomictic seedling** rootsto- 079180
on various peach & **apricot seedling** rootsto- 078734
phytochrome from **Avena seedlings** by isoel- 077869
distribution in **Avena seedlings** measured by 077873
post-emergence deaths of **seedlings caused** by 078979
Variation in growth of **seedlings** & **clones** of 077613
Parasitic nematodes of **coniferous seedlings.** 079234
of bacterial blight in **cotton seedlings.** [Xan- 079144
by wheat-**seedling cytoplasmic** ribosomes. 077708
Seedling depth decisive among certain legu- 078502
on germination & **seedling development** of b- 077661
stage of mitotic cycle of Vicia **faba seedlings** 077203
on emergence of Avena **fatua seedlings.** 079430
of production of grafted **grape seedlings.** 073084
Raising **grape seedlings** in sandy substrate. 078802
for soil-free culture of **grape seedlings.** 078803
A unit for soilless culture of **grape seedlings** 078806
Hydroponic culture of grafted **grape seedlin-s.** 078808
Hydroponic culture of **grape seedlings** in Fr- 078814
accumulation in dark **grown seedlings.** III. 077272
on time course of wheat **seedling growth.** 077867
Seed & **seedling losses** in nursery beds. 076206
cropping of Bramley's **seedling** on **Malling** 078672
distribution in Avena **seedlings measured** by 077873
Method for **seedling mortality** reduction on 078462
on flowering in **Pharbitis seedlings.** [Ipomo- 078011
Lens culinaris Medic) **seedlings** in **relation** 079056
apple trees on apomictic **seedling rootstocks** 079180
measured by scanning a **single seedling.** [Oa- 077873
manganese on flue-cured **tobacco seedlings.** 077901
Fusarium wilt fungus in **tomato seedlings.** 079260
growing. 4. Planting of **vegetable seedlings** 078677
Recurrent selection for **seedling vigor** in bir- 077068
incorporation by **wheat-seedling** cytoplasmic 077708
of salinity on time course of **wheat seedling** 077867
sugars from biostructure of **wheat seedlings** 077917
acids from biostructure of **wheat seedlings.** 077918
rice plant transplanted as **younger seedlings** 077783

SEEDS
of areas of flax & hemp grwing for **seed** & f- 073074
Certification for genetic purity. [**Seeds**]. 077114
Germination. [**Seeds**]. 077537
hardness of Hedysarum coronarium L. **seeds** 077843
Ethyl methanesulfonate on **seeds.** 077888
maturation on chemical composition of **seed** 078185
Propagation from **seed.** 24. Testing & growi- 078201
of perennial forage plants grown for **seed.** 078556
Concept of quality in **seeds.** II. Basic requir- 078872
weed control in hemp grown for **seed** (1967- 079541
control on crops grown for **seed.** 079660
removal of testa or with leaching of **seeds.** 077374
sowing of lucerne on yields of fodder & **seeds** 078499
some enzymes from soyabean **seeds ageing** at 077624
Potential for **alfalfa seed** production in prair- 078327
Production of clover & **alfalfa seeds** in Czec- 078386
Improving **alfalfa seed** culture. 078510
purification of Araucaria **angustifolia seeds** f- 079885
Emergence & longevity of **seeds** of **annual** w- 079482
abscisic acid on stratification of **apple seeds** 077969
fatty acid content in Brassica **arvensis seed** 077889
Selection of **seeds** for **banana** & plantain. 078826
in ethylenimine-treated **barley seeds** during 077208
Quality **seed--basis** for high yields of spring 078552
of vitamins B1, B2 & PP in **bean seeds.** 074307
French **bean seed** coat as an ovipositional at- 080252
nitrogen content of pods & **seeds** of **beans** (074204
Use of herbicides as a means of **seed-bed** pr- 079502
Nitrogen fertilization as a means of **seed-bed** 081420
plant cultivation & soil physics in **seed bed** 081565
Meloidogyne spp. In tomato **seed beds** (Lyc- 079356
pre-planting enrichment of sugar **beet seeds** 077797
Varietal tests with sugar **beet seed** in year 078418
Pre-planting sugar **beet seed** treatment with 079001
A simple mill for **bluegrass seed.** [Poa prat- 080858
Isolation of **seed-borne** fungi from castor se- 079017
of glucosinolates in **Brassica seeds.** Photome- 077993
On quality of **buckwheat seeds.** 077909
in cells of dormant Crepis **capillaris seeds** ir- 077205
sulfonate on Crepis **capillaris seeds** & sprou- 077207
germination of Crepis **capillaris seeds.** 077225
of seed-borne fungi from **castor seeds.** 079017
fatty acid synthesis ib **castorbean seeds** duri- 077931
induction in germinating **cereal seeds.** 077898
British Columbia-grown **certified seed** potat- 078640
Technology of establishing **clone seed** orcha- 076376
Production of alfalfa & **clover seeds** in Pola- 078383
Increase of red **clover seeds** in Perm area. 078384
Agrotechnique for red **clover seed** production 078385
Relationship between **clover seed** yields & s- 078511
of leaflet number & flower & **seed coat** colo- 077157
French bean **seed coat** as an ovipositional at- 080252
capacity of untreated & **coated seeds.** 077376
of wet methods of **coating seeds.** 078401
Gases released from **seed coats** during imbib- 077843
of germination of **seeds** by **cold.** 077292
of improved vegetable **seed combine.** 080959
of herbicides on soybean **seed constituents.** 077769
Improvements needed in **corn seed** culture. 078508
of harvesting & handling **seed cotton** in Mis- 072905
Occurrence of aflatoxins in **cotton seeds** at 078993
Spearating **cucumber seeds** in an electrostat- 078192
Significance, breeding & **seed culture** of red 077118
Potentilla erecta (L.) Raeusch. [**Seed culture**] 078433
Improvements needed in corn **seed culture.** 078508
Improving alfalfa **seed culture.** 078510
On regionalizing & **seed culture** of mustard 078886
Productivity of **direct seeded** pure grass sta- 078326
II. Making tablets with **seeds** by **direct** co- 078402
Seed dormancy & germination in indiangrass 077646
An evaluation of **seed dressings** for effective- 079144
sowing by type A 697 monogerm **seed drill.** 078312
Production on **dryland seeded** pastures in S- 078291
pesticide in cotton foliage & **seed** under **field** 080086
New England Spruce-**Fir Seed** Orchard Pro- 076414
phases on yield & quality of fiber-**flax seeds** 077910
easy method for germinating **flower seeds** p- 078043
Seeds for **forage** plants in Schleswig-Holste- 078277
Seed formation in some annuals of Composi- 076952
during flowering on **seed formation** of Stylo- 077343
plant material: Choice of **germinated seeds** 078456
in Lithuanian SSR. 5. **Seed germination.** [A- 077302
wheat embryo during **seed germination.** 077752
of temperature & light on **seed germination** 077826
of some physical factors on **seed germination** 077941
of proteins in course of **seed germination:** is- 078096
New method of **grading** seeds of cereal crops 074229
scientific research on breeding. [**Seeds, grain**] 073085
Long-term storage of **grass seeds.** 074110
Organization of **seed growing** of grain & ha- 077119
Growing seed potatoes. 078754
Seed growth in a pine nursery in Central S- 076357
efficiency of harvesting & **handling seed** cot- 072905
of seed growing of grain & **hard seed** Legum- 077119
Conclusions form rape-**seed harvest** 1972. 078322
characteristics of fruits & **seeds harvested** at 078262
of methods of selecting **healthy seed** potatoes 079211
on planting & yield qualities of **hemp seeds** 078506
Protein metabolism in **seeds** in **heterotic** co- 077908
structural changes in **imbibing seed** tissues. 077895
organic additives to **seedbeds** to **imporve** tr- 081509
happenings of interest in **seed industry.** 078381
Peanuts resistant to **seed invasion** by Asper- 079044
dormant Crepis capillaris **seeds irradiated** w- 077205
of agriculture & vegetable **seeds, July** 1, 19 073856
Chalcididae, Torymidae) in **larch seeds.** [Eu- 079883
factors on sprouting of **Lavandula seeds.** 078885
growing of grain & hard **seed Leguminosae** in 077119
of field storage & handling on **seed** & **lint** q- 074240
data concerning pest control in **seed lucerne** 079738
Effect of **seed maturation** & plant population 077656
Anatomic structure of **melon seeds.** 076984
after sowing by type A 697 **monogerm seed** 078312
Control of **seed mycoflora** of fennel (Foenic- 078986
acid content in Brassica arvensis **seed oil.** 077889
New England Spruce-Fir **Seed Orchard** Pro- 076414
of establishing clone **seed orchards** for Quer- 076376
Seed origins of Scotch pine for Christmas t- 076345
preparation for establishment of **over-seeded** 078403
preparation for establishment of **over-seeded** 079502
Should **pasture seed** be sown in rows or bro- 078405
Production on dryland **seeded pastures** in S- 078291
Seeded pastures. 078336
Certified Sebego seed stocks & **seed-piece** tr- 078900
growth regulators in loblolly **pine seeds** dur- 078223
Germination of range **plant seeds** after long 077773
ultra high frequency] device to **plant seeds** in 079593
for official regulation of **seeds** & **plants** carr- 073675
Estimation of supply of **seeds** & **plants** need- 076362
nitrogen fertilizers on yield of **seed plants** of 081304
Variety & **seed policy** of Dutch sugar beet i- 074087
Technology of industrial **poppy-seed** product- 078421
Potato seed vigor studies, 1971--72. 078658
problems of potato breeding & **seed potato** 078780
Columbia-grown certified **seed potatoes.** 078640
High yield & good quality of **seed potatoes.** 078678
Growing suitable **seed potatoes.** [Varieties]. 078715
Growing **seed potatoes.** 078754
planting distance--size of **seed potatoes.** 078769
Development of suitable **seed potatoes.** 078770
on yield & quality of **seed potatoes** after ear- 078781
methods of selecting healthy **seed potatoes.** 079211
potatoes for consumption & **seed potatoes** & 080715
on yield & quality of **seed potatoes** after ear- 081468
Seed preparation & accurate planting of cult- 078561
of cooperation in field of **seed production** by 073470
Breeding & **seed production** of economic pl- 077120
Seed production in Hungary. 077121
ability estimates of **seed production** in flue- 077239
Potential for alfalfa **seed production** in prair- 078327
spacing & seeding rate on **seed production** of 078337

Agrotechnique for red clover **seed production.** 078385
of industrial poppy-**seed production.** 078421
Soybeans varieties grown & **seed production** 078467
On sainfoin **seed production** alone or in ass- 078479
Breeding & **seed producton** of sunflowers. 077122
Aneuploidy in **seed progeny** of allopolyploid- 077204
Study of variability of **seed properties** in dip- 077019
Productivity of direct **seeded pure** grass sta- 078326
soluble constitutents of **seeds** of **Pyracantha** 077519
Make use of **quality seed** for pasture sowing 078411
Quality seed--basis for high yields of spring 078552
plant population on soybean **seed quality.** 077656
N-quinone on germination of **radish seeds.** 078092
Conclusions form **rape-seed** harvest 1972. 078322
in relation to non-viability of **rice seeds.** 077751
starch breakdown in germinating **rice seeds.** 077865
starch biosynthesis in developing **rice seeds** 077896
Bioluminescence of **seeds** of **rye**-grass & bar- 077628
On **sainfoin seed** production alone or in ass- 078479
extracts of germinating Pisum **sativum seeds** 078114
Certified **Sebego seed** stocks & seed-piece tr- 078900
Seed & **seedling** losses in nursery beds. 076206
On "hardness" of **seeds** of **Sida** hermaphrod- 077463
of number of days to silking & **seed size** in 077107
Seed size affects germination of true mounta- 077780
Correlation of **seed size** & root rot resistance 078918
Evaluation of vigor tests for **sorghum seed.** 077667
Some old **seed sowing** implements. 080812
of some enzymes from **soyabean seeds** ageing 077624
plant population on **soybean seed** quality. 077656
oil, protein & sugar content of **soybean seed** 077724
Effects of herbicides on **soybean seed** consti- 077769
Ford Foundation **specialists seed** ways to ex- 073436
for establishment of over-**seeded species** in 078403
for establishment of over-**seeded species** in h- 079502
for establishment of over-**seeded species** in 081420
Animal depredations on **spot-seeded** yellow- 076215
Residues of diquat in **seeds** of **spring** rape af- 077944
Certified Sebego **seed stocks** & seed-piece tr- 078900
germinating flower seeds plus **seed-storage** h- 078043
Growing **suitable seed** potatoes. [Varieties]. 078715
Development of **suitable seed** potatoes. 078770
selection & change of **seed** of **summer** grain 078427
About problem of utilizing **sunflower seed** in 075094
Testing seeds for oil & protein. [Field crops 074082
structural changes in imbibing **seed tissues.** 077895
Meloidogyne spp. In **tomato seed** beds (Lyc- 079356
germination trial with pelleted **tomato seed** 078173
Pre-planting sugar beet **seed treatment** with 079001
1973 Chemicals for **seed treatment** of small 079045
1973 Chemicals for **seed treatment** of small 079046
varieties, spraying & **seed treatment.** 079051
A provisional **tree seed**-zone & cone-crop rat- 076407
Evolution of disinfection of **seeds** & **tubers** in 079927
in case of treatment of **seeds** under **various** 077219
Inspection of agriculture & **vegetable seeds,** 073856
agricultural & **vegetable seeds,** 1972. 073897
requirements of quality in **vegetable seeds** & 078872
Development of improved **vegetable seed** c- 080959
agricultural & **vegetable seeds,** 1972. 081440
Grain yield, milling quality, & **seed viability** 077648
Potato **seed vigor** studies, 1971--72. 078658
Ford Foundation specialists **seed ways** to ex- 073436
Fighting **weed seeds** in grain field. 079499
Response of hybridized **wheat seeds** to irrad- 077210
of phosphorus in **seed** of **winter** wheat in rel- 077904
Animal depredations on spot-**seeded yellow**- 076215
Relationship between clover **seed yields** & s- 078511
A provisional tree **seed-zone** & cone-crop rat- 076407

SEGMENTS

euchromatic **chromosomal segments** in Haw- 080212
on co-operation between **industry segments.** 073957
Descending & **segmental inhibition** of trans- 074665
cell enlargement in pea **internode segments** 078132
Selective degradation & **segment separation** 075208

SEGREGATION

of male fertility among **segregation distorter** 080265
Segregation of **foliage** from chipped tree tops 076551
Segregation of **hermaphrodites** in swine litt- 075215

SELENIUM

of trace elements in food. VII. **Selenium.** 073866
species. 2. distribution of 75Se [**selenium**] f- 074752
Selenium: necessary element in feed. 075026
Correlations between **selenium** & **copper** in 076019
Selenium dilemma. [Nutritive value, toxicity 074965
Selenium--an **essential** dietary supplement f- 074921
Stability of **inorganic selenium** in premixes 074355
activity in tissues of **selenium responsive** m- 074795
on functions of **selenium** & **vitamin** E in me- 074913

SEMEN

on deep-freeze conservation of **boar semen** 075442
Comparison of fertility of **bovine semen** coll- 075192
by biomagnetic treatment of **bovine semen.** I 075371
Bull semen nicotinamide adenine dinucleoti- 074545
aspermatogenic substance from **bull seminal** 075274
A new method of deep freezing **bull semen:** 075303
to test fecundation ability of **bull semen** on 075309
in technology of freezing **bull semen.** 075439
fractions isolated from **bull seminal** vesicle f- 075246
Semen of **bulls** as a potential carrier of her- 075655
Sex specific behavior of **seminal cells** after t- 075291
Pilot trial with pig "**Semen delivery** service 075248
Carbohydrates of buffalo & **goat semen.** 075267
plasma of boars when **semen** is **obtained** in f- 075392
Heritability of **semen traits** in beef bulls. 075216

SEMIARID

SEE ARID

SEMISTERILITY

SEE STERILITY

SENESCENCE

natural & ethylene-**induced senescence** of cit- 078124
Retardation of **leaf senescence** by urea cyto- 078120
of abscisic acid on **senescence, permeability** 078097

SENSES

Remote **sensing lab;** surveying Minnesota's 081822
Spheroid **sense organs** on cerci of polyphagid 080294
Remote **radar sensing:** atmospheric structure 079668
Remote sensing for agriculture & forestry. 072627
Remote sensing of tidal marsh. [Vegetation, 076864

SENSITIVITY

Localisation of alpha-**amanitin-sensitive** R- 077548
bacteria & their **antibiotic sensitivity.** [Pseu- 073681
Sensitivity to **antibiotics** & their combinatio- 075964
Note on inheritance of **sensitivity** to **BHC** [077749
of genes **determining sensitivity** to X-rays. [077230
Rapid **sensitive herbicide** bioassay by inhibit- 079423
sensitivity & polarized **light sensitivity.** 080305
Sensitivity of **meiotic** yeast cells to ultravio- 077081
algae-- study of **mutants sensitive** to inactiv- 077102
Polarization sensitivity of individual retinula 080306
Spectral sensitivity of dipteran retinula cells 080310

SENSITIZATION

thiobarbiturate **cardiac sensitization** to cate- 075450
Counter-sensitizing of animals with chronic 075526

SENSORY

Sensory methods in quality grading of food 073615

SEPARATION

Separation & **characteristics** of isoenzymes 077874
Separation & **determination** of FD&C Red 073580
in gamma-plantlets: **separation** of **onset** of a- 077866
Separation & **properties** of leaf aspartate a- 077327
Selective degradation & **segment separation** 075208
Dairy cattle manure liquid: **Solid separation** 081810
chromatography for **separation** of **sterols** fr- 074285
installation for **separation** & **storage** of pota- 080715

SEPTORIA

sprays in wheat. [**Septoria nodorum,** Cercos- 079021
Alternaria tenuissima, **Septoria, Pelargonium,** 079113
Septoria species on cereals, important chara- 079035

SEQUENCES

Annual forage crops & their use in **sequence** 078450
An **age sequence** of parent materials & soils 081151
Sequence of **arrival** of entomophagous insects 079889
kappaB bovine caesine: **complete sequence.** 074604
To designation of **felling sequence** of final fe- 076315
A study of **sequence homology** between toba- 079177
Sequence homology at 5'-termiri of insect m- 080367
leukosis virus **nucleotide sequences** in DNA 075958
Selection of **repeated sequences** of homolog- 077695
Sequential staining of callose by aniline blue 076997
of their c [carbon]-**terminal sequences.** 075957

SERICULTURE

of Polish literature on **sericulture** (supplem- 080683

SERODIAGNOSIS

test applied in **serodiagnosis** of **cattle** brucel- 075796

SEROLOGY

Serologic diagnosis of toxoplasmosis & prev- 075631
Studies on **serological differentiation** of My- 075747
Contribution to **serological findings** related 075953
Serology of **foot**-rot: antibodies against Fusi- 075641
Serological identification of Eutypa armenia- 078916
of sanitary measures & **serology processes** to 075849
Serological properties of enteroviruses isola- 075930
Serological research in cattle in Kabete area 075657
Serological response of chickens, rabbits & 075832
Duration of **serological response** to indirect 075843
Electron microscopic & **serological studies** 075783
A **serological survey** for viral antibodies in 075650
Serological typing of strains of Escherichia 075972

SEROSA

Transfer of copper-64 from **serosa** to **mucosa** 074843

SERUM

responses. I. **Serum antibodies** & anaphylact- 076111
method for production of **antiglobulin serum** 075796
of antilymphocyte & **antimacrophage serum** 075591
of phosphorus content in **blood serum.** I. [C- 074683
activity of certain enzymes of **blood serum** of 074824
protein & protein fractions of **blood serum** in 074827
On protein composition of **blood serum** of n- 074829
Polymorphism of **blood serum** transferrines 075238
of milk production, milk & **blood serum** pro- 075352
lipoproteins & glucoproteins of **blood serum** 075609
changes in protein fractions of **blood sera** of 075888
Proteins & fractions in **blood serum** in cases 075927
Proteins of **blood serum** of calves infected w- 075970
Bactericidity of **blood serum.** 075992
of alkaline phosphatase in **blood serum.** [Li- 076099
conglutinating complement in **bovine serum** 074847
Bovine serum LH, GH, [Luteinizing hormo- 075350
of marcromolecular globulins in **calf serum** 074714
Saturated fat in diet & **serum cholesterol** co- 073713
Effect of antireticular **cytotoxic serum** (ACS 075986
acid & hexoses in **sera** of **different** cattle br- 074712
Serum enzyme activity & postmortem chan- 074029
substrates in absence of **exogenous serum** fa- 073929
of some arboviruses by **fresh serum** from dif- 075678
pregnant mare's **serum gonadotrophin**] or p- 075275
transfer of protection with **immune serum** & 075729
Serum immune globulin levels in lambs und- 075912
Bovine **serum LH,** GH, [Luteinizing hormo- 075350
cattle, as determined by **micro-serum**-neutra- 075627
trace elements in **serum** or **plasma** of horses 074601
Complex utilization of **polyvalent sera** & ele- 075386
Agglutinin formation & blood **serum protein** 075605
production, milk & blood **serum proteins,** & 075352
antibodies in human, cattle, & **reindeer sera** 075612
copper & vitamin B12 levels in **sheep serum** 074711
Polymorphism of blood **serum transferrines** 075238
phospholipid fraction in **serum** of **young** catt- 074704

SERVICEBERRY

SEE JUNEBERRIES

SESAME

protein content in a diallel cross of **sesame** 077037
requerement of growing chicks **fed sesame** 075057
Occurrence of **sesame witches** broom in Tai- 079161

SESAMIA

agamemnon, Ostrinia **nubilalis, Sesamia** cret- 079756

SESQUITERPENES

of liatrin, a novel **antileukemic sesquiterpene** 077440

SET

Hose line **irrigation sets.** 080792
On trial production of tilling-**seeder set** to r- 080931

SETARIA

of Digitaria decumbens & **Setaria anceps** gr- 077686
of microfungi on **decaying Setaria** glauca Be- 076810
Control of yellow foxtail (**Setaria lutescens**) 079586
Digitaria sanguinalis (Scop.) & **Setaria spp.** 076861

SETTLEMENTS

improvement measures in **land settlement** & 076380
decisive criteria in **management settlements:** 073009

SEVIN

Sevin used for **control** of Melophagus ovinus 080044
Use of **sevin** for **treating** cattle with Bovicola 080043

SEWAGE

salinization on areas irrigated with **sewage.** 081698
plant investigations on **sewage biological** pur- 081268
Results of all-year **communal sewage** dispos- 081349
in experiments using **sewage sludge**-garbage 081315
Impact of **sewage treatment** modifications on 081719

SEX

from boar virtually free from **accessory sex** 075280
Seasonal variations in **sexual activity** of ram 075301
from heart girth within specified **age/sex** gr- 074602
Sex & **angiosperms.** 076986
On morphology & **sex appendages** of whirlig- 080160
ratios of a two-component **sex attractant.** [080421
working on principle of **sexual attraction.** 077906
functioning on principle of **sexual attraction.** 079139
Rearing **broiler sexes** separate versus combi- 074439
by different ratios of a two-**component sex** a- 080421
substances & effects on **sex conditions** of ra- 075291
Methods of **delaying sexual** maturity of pull- 075042
on course & control of **sexual development** of 075225
on course & control of **sexual development** of 075226
content of testis during **sexual development** 075444
Breed & **sex differences** in distribution of fat 073991
Chemical expression of a **sexual dimorphism** 080247
Growth, **sex expression** & yield of squash m- 078095
heart girth within specified age/**sex groups** 074602
Growth, sex expression & yield of squash m- 078095
on effect of malformation on **growth, sex** rat- 079220
Identification of **sexual hormones** in Neuros- 077424
Influence of **sex** on **keratose** level & aminoa- 074701
Sex-linked translocations, semisterility & li- 079985
nondisjunction & recessive **sex-linked** lethal 080426
activity is decreased after **sexual maturation** 074520
Methods of delaying **sexual maturity** of pull- 075042

boar, & mongrel boar affected with **sex odor** 073998
Role of **sex pheromone,** & its insignificance 080249
Isolation & structure of **sex-pheromone** of 080323
of a proposed codling moth **sex pheromone.** 080436
Use of synthesized **sexual pheromones** for t- 079796
effect of malformation on growth, **sex ratio,** 079220
Voltinism, diapause & **sex-ratio** of Chrysopa 080181
Sex ratio distortion & semi-sterility in prog- 080264
Changes in **sex ratio** of mosquitoes Aedes ca- 080384
chromosome nondisjunction & **recessive sex-** 080426
Nordst.) Tiffany iI. **Sexual reproduction.** 077025
biosynthesis & **sexual reproduction** in Penici- 077494
Rearing broiler **sexes separate** versus combi- 074439
Sexual & somatic cell fusions in heterothallic 077456
Sexual & somatic fusion in heterothallic sli- 077457
Sex specific behavior of seminal cells after t- 075291
Use of **synthesized sexual** pheromones for t- 079796
findings on how to influence **tthe sex** of offs- 075372

SHADE

on shevaroys. [Erythrina, **coffee, shading**]. 078879
of laying hens' manure **dried** on **shade-** 074888

SHADOW

repercussions: a **shadow project** approach. 081843

SHEARING

of chemical method of **shearing wool** of she- 074813

SHEATH

of abdominal neural fat-**body sheath** in stick 080353
in isolated mesophyll cells & **bundle sheath** 077354

SHEDS

installation of flower **bulb sheds.** [Soil temp- 080764
class I base plan on Ohio **milk sheds** & ma- 073426
Insulating capacity of floors in **swine sheds** 080761

SHEEP

export live animals for slaughter. [**Sheep**]. 073201
small to medium sized Merino clips. [**Sheep** 074055
green canopies & productivity of **sheep.** 074475
various body parts of Cigaja breed of **sheep** 074522
Behavior patterns. 2. [**Sheep**]. 074610
nerve centres of hypoglossal nerve in **sheep** 074708
internal branch of accessory nerve. [**Sheep**] 074709
of ketone bodies in portal vein in **sheep.** 074710
Prospect of encouraging osteogenesis. [**Sheep**] 074805
by single & dual grazing by cattle & **sheep.** 074857
of saline water on mineral balances in **sheep** 074866
Factors limiting intake of feed by **sheep.** VII 074867
containing low quality roughages in **sheep.** 074959
acid composition & digestibility for **sheep.** [074979
of digestibility of treated proteins. [**Sheep**]. 075000
Breeds of **sheep.** 075228
general considerations on selection of **sheep** 075308
tasks of artificial insemination in **sheep.** 075363
Manifestation of estrus in **sheep.** 075397
finewool breeds & breed groups of **sheep.** 075418
pathway between uterus & ovaries in **sheep.** 075449
measures for control of disease in **sheep.** 075555
Cannulation of thoracic duct in **sheep.** 075568
of catheterizing hepatic vein in **sheep.** 075576
milk transfer of labeled antibiotics. [**Sheep**] 075637
acquired helminth infections in **sheep.** 075700
sacher's entropy function. [**Sheep**]. 075709
of lymphocytes in scrapie of **sheep.** 075740
multocida Carter's type B from **sheep.** 075768
after infection with rabies virus in **sheep,** iI. 075798
after infection with rabies virus in **sheep.** 075799
after infection with rabies virus in **sheep.** III 075803
in experimental salmonellosis of **sheep.** 075826
control of parasitic gastroenteritis in **sheep.** 075905
of Brucella of varying virulence in **sheep.** 075929
Brucellosis in goats & **sheep.** 075981
Toxicity of mebendazole for **sheep.** 076106
of some phosphate supplements fed to **sheep** 076115
by single & dual grazing by cattle & **sheep.** 076815
livestock production in Oregon. [**Sheep**]. 078457
interbreed zygote transplant in **sheep.** 074531
in fetal plasma & fetal fluids of **sheep.** 074785
composition & digestibility for sheep. [**Sheep** 074979
on post-partum ovulation & oestrus in **ewes** 075277
amino acid levels in **sheep** with **abomasal** in- 074651
Determining milk content of **sheep according** 074491
of wool follicles in **Australian Merino** sheep 074871
ovarian activity in western **Australian ewes.** 076007
Will French **sheep become** victorius? [Euro- 073425
tinin in Rocky Mountain **bighorn sheep.** 074581
rebreeding of Nungua **Blackhead sheep** in 075239
type & productivity of **Blackheaded sheep** b- 075437
Tasks & situation in **re-breeding Merino** land 075376
evaluation of finewool **sheep breeds.** [Retur- 073106
provocation") in cases of **sheep brucellosis.** 075856
of mercury in tissues of **cattle, sheep,** & chi- 073632
Matching grass to stock. [**Cattle, sheep**]. 074907
due to copper deficit in **sheep & cattle.** 075020
for better protein utilization. [**Cattle, sheep**] 075024
Apsheron-Kobystan).[**Sheep, cattle**]. 075685
of moniesiasis in ruminants. [**Cattle, sheep**] 075751
to infection rate of districts. [**Sheep, cattle**] 075849
in livestock of Far East. [**Cattle, sheep,** poul- 075857
due to copper deficit in **sheep & cattle.** 076033
Medico-legal consequences. [**Cattle, sheep**]. 076144
of mercury in tissues of **cattle, sheep,** & chi- 080090
of small to medium sized **Merino clips.** [Sh- 074055
production in Targhee & **Columbia sheep.** 074642
classification system of our **Corriedale sheep** 074436
High-**country hogget** management. 3. [Swine 074385
of productive qualities in **crossbred sheep.** 075436
wool of **sheep** by using **cyclophosphamide** on 074813
canary discoloration in Awassi **dairy ewes.** 074638
improvement of Latvian **Darkheaded sheep** 075403
Profitability of **deer, sheep** & cattle compar- 073005
changes & wool growth of **Dohne Merino** sh- 074999
Post parturient oestrus in **Merino & Dorset** 075193
ovulation & oestrus in lactating & **dry ewes** 075260
hormone] discharge in lactating & **dry sheep** 075278
insemination in **sheep** at **Dummerstorf** Instr- 075375
should be prevented. [**Eimeria, sheep**]. 075690
protein syntheses in **embryonic sheep** skin c- 074799
in epithelial cells of **sheep endometrium.** 074645
biochemical indicators in **experimental sheep** 075585
first-crop alfalfa hay. [**Sheep, feeding**]. 074856
Changes in composition of **sheep fetal** fluids 075269
Economic evaluation of **finewool sheep** bree- 073106
Will **French sheep** become victorius? [Euro- 073425
French sheep rearing. 074437
a progress report. [**Sheep, Fusiformis** nodos- 075791
a new infectious disease in **German sheep** st- 075868
Estrus synchronization in **sheep & heifers** by 075428
oestrus in Merino & Dorset **Horn sheep.** 075193
vaccinated & passively **immunised sheep.** 075641
Michigan **sheep industry** now & in 1985. 073484
a future for Norwegian **sheep industry?** 073510
Sheep industry of United Kingdom. 074477
of embryonic death in **sheep** by **intrauterine** 075263
upon gestation period of **Karakul ewes** & fur 075003
types & groups of **Karakul sheep.** 075419
dehydrogenase" from **sheep kidney.** 074503
of lambs. II. Growth of **Merino lambs** early 074869
Breed range-raised **ewe lambs.** 075220
affecting weight & fertility of **ewe lambs.** 075251
Increasing loss of **sheep & lambs** on pasture 080025
situation in re-breeding **Merino land** sheep 075376
ketoaldehyde dehydrogenase of **sheep liver** 074669
Lowland sheep management systems. [Great 074478
High-country **hogget management.** 3. [Swine 074385
Sheep--management of upland flocks. 074428
Lowland **sheep management** systems. [Great 074478
Metabolism of cystine by **Merino sheep** gen- 074550
of wool follicles in Australian **Merino sheep** 074871
wool growth of Dohne **Merino sheep** in east- 074999
of low quality roughage by **Merino sheep** & 075092
Michigan sheep industry now & in 1985. 073484
variety of beta-lactoglobulin in **sheep milk.** 074834
British veterinarian & **modern sheep** reprod- 075395
west Wales. I. status of **sheep** in **mountains** 074412
electrocardiographic study of **normal sheep** 074696
Is there a future for **Norwegian sheep** indus- 073510
leucogram of **sheep** in **ontogenesis.** 074768
accidents in **sheep** after **parbendazole** admin- 075490
Aujeszky's disease. [Rabbits, **sheep, pigs**]. 075889
Pipestone sheep project--will it work in Or- 074431
Impermeability of **sheep placenta** towards e- 075338
Studies in **sheep population** & environment 074412
Studies in **sheep population** & enviornment 074654
re-breeding Merino land **sheep population** f- 075376
of Far East. [Cattle, **sheep, poultry**]. 075857
on incorporation of **sheep production** into in- 072931
relationships in **sheep production.** 075304
Pipestone **sheep project**--will it work in Or- 074431
of certain mammals. [Cats, **rabbits, sheep**]. 074506
against Aujeszky's disease. [**Rabbits, sheep,** 075889
Breed range-**raised ewe** lambs. 075220
all reserves for development of **sheep raising** 072827
Equipment for **sheep raising.** 080749
of Special Council for **Sheep Rearing.** 074409
French **sheep rearing.** 074437
veterinarian & modern **sheep reproduction.** 075395
copper & vitamin B12 levels in **sheep serum** 074711
Metabolism of cystine by **Merino sheep** gen- 074550
of wool follicles in Australian **Merino sheep** 074871
wool growth of Dohne **Merino sheep** in east- 074999
of low quality roughage by **Merino sheep &** 075092
Classing of small to medium **sized Merino** cl- 074055
protein syntheses in embryonic **sheep skin** c- 074799
infectious disease in German **sheep stocks.** 075868
infected with leptospirosis. [**Swine, sheep**]. 075932
poisoning of livestock. [**Sheep, swine,** rabbits 076165
Beef & **sheep systems** on arable farms. 072915
Finnish Landrace X **Targhee ewes.** 075253
Sheep trials in Stockholm County, 1972. 074417
circulating cortisol levels in **sheep** to **various** 074551
of wool productivity of **sheep** of **various** bre- 075417
intakes on wool growth of **Merino wethers.** 074868
a second impregnation of **ewes** after **winter** 075391
Summary of reports: 1973 **sheep & wool** day 074430

SHELF

on physical properties & **shelf life** of carame- 073823

SHELL

of poultry on certain indicators of **egg shell** 074063
determination of calcium in hen **egg-shells.** 074526
Nature & probable cause of rough **egg shells** 074743
Changes in **egg shell** quality & pesticide con- 075061
quality & flavor of hard-cooked **shell eggs.** 074076
sizes of calcium carbonate on **shell quality.** 074732
Effect of various coatings on **shell strength** 074078

SHELTER

Environmental control in **animal shelters** us- 080739
Shelter & equipment for pigeons. 080696

SHELTERBELT

Effectiveness of **forest shelterbelts** in Altai 076209
control importance of **forest shelterbelts.** 076232

SHEPHERD

electrocardiogram of German **Shepherd dog.** 075510
in Alsatian dogs. [German **Shepherd dogs**]. 074628
hip dysplasia in German **Shepherd dogs** in t- 076057

SHERRIES

Attempts to **produce sherry** type apple wine 074252

SHIELDING

Water-**shield flame** cultivation for cotton & 079517

SHIPPING

Shipping mink pups. 074427
ammonificated dried **sugarbeet ships** & dried 074319

SHOCK

I. Serum antibodies & **anaphylactic shock** in 076111
histamine levels & **anaphylactic shock** in gu- 076112
gland activity in piglets under **shock caused** 074703
Osmotic shock triggers an increase in ribon- 077868

SHOOT

of dynamics of growth of **annual shoots** of di- 078024
xylem sap from apple trees on **apple shoot** 078057
on nitrogen metabolism in **cotton shoots.** 077958
Fertility on vertical & **curved shoot** with dif- 078612
into effects of forced **shoot etiolation** & diff- 077983
Anthomyiidae: Diptera), sorghum **shoot fly.** 079734
Studies into effects of **forced shoot** etiolation 077983
auxin & inhibitor content of **shoots & fruits.** 077976
steam therapy for control of **grassy shoot** di- 079341
of organic substances in **growing shoots** of c- 076220
sap from apple trees on apple **shoot growth** 078057
range of pruning severity with **leaf-shoot** rat- 078018
potassium oxide in **leaves, shoots** & fruits of 078739
Developmental rate of **shoots** of **Lonicera** c- 077471
Galactolipid biosynthesis in Zea **mays shoots.** 077849
Organogenesis of **monocaspic shoots** of An- 076937
exposure of roots & **shoots** of **nutsedge** (Cy- 079500
phosphate dehydrogenase from **pea shoots** by 078137
of pruning severity with leaf-**shoot ratio,** & 078018
in Mangifera indica L. **shoot** in **relation** to 077978
studies on growth of **shoots** & their **relation** 077980
growth substances on **shoot & root** growth of 078083
control of differentiation of **shoots, roots** & 078100
induction of brachyblasts (**short shoots**) of 078151
Anthomyiidae: Diptera), **sorghum shoot** fly. 079734
Formation of **shoot structure** of Syringa vul- 076947
Purine metabolism in wheat **shoots treated** 077626

SHORTENING

pig production by **shortening suckling** perio- 074467
Shortening of **test** period in cereal breeding 077064

SHREWS

in various tissues of two species of **shrew.** 080047

SHRINKAGE

sausage products in vacuum **shrink bags.** 074010
Postmortem shrinkage of lamb carcasses. 074023

SHRUB

layer variability of axial structure of **shrubs** 077000
woodland & **shrub associations** of Eastern G- 076849
systems in relation to **shrub growth** respons- 078391
systems of trees & **shrubs** of **Leguminosae.** 076953
Some trees & **shrubs** with **variegated** foliage 078799

SIALIDAE

Life history of alderfly, **Sialis aequalis** banks 080173

SICKNESS

SEE DISEASE

SIDERITIS

New diterpenes from **Sideritis canariensis.** 077499

SIEROZEM

in certain characteristics of **Sierozem soils** as 081038
Stucy of erodability of **Sierozem soils** with 081580

SIEVE

Sieve-tube plastids of Hamamelididae) elect- 076798

SIGNALS

Analysis of **acoustic signals** of bug Nezara v- 080206
Evaluation of odor & **color signals** as aids to 080673

Using **hand signals** for agriculture. [Safety] 080694

SILAGE
Expensive protein--more **silage.** 074334
air inclusion in ensiling on quality of **silage.** 074341
Ensilage of **bales** of dried grass using a bale 080903
Feeding of various types of maize **cob silage** 075154
as a nitrogen supplement to **corn silage.** 074324
Silage technique for **corn silage.** 074346
Effect of vitamin A upon **corn silage** for Ze- 074893
methods on growth & yield & **silage corn.** 081528
nitrogen additions to **silages** for **dairy** cattle 074920
Efficacious silage supplements. 074362
analysis of organic acids in **silage** by **Flieg's** 074342
of some species of new **forage-silage** plants 077953
II. Self-propelling **ensilage harvesters.** 080944
Important hints on spring **silage preparation** 074333
Plastic silo. [**Silage preparation**]. 074336
containing formalin on **ensiling process** & r- 074369

SILICA
naturally fluorescent pesticides on **silica gel** 080099
Silica urolithiasis in dogs fed an atherogenic 076058

SILK
nucleopolyhedrosis virus on **corn silks.** 079708
Studies on **silk fibroin** of silkworm Bombyx 080663
Studies on **silk fibroin** of Bombyx mori dire- 080664
Studies on **silk fibroin** of Bombyx mori dire- 080665
Silk production in medieval Japan. 080677
Amino acid composition of **spider silk.** [Arn- 080281

SILKWORM
alkali metals by isolated midgut of **silkworm** 080667
Studies on silk fibroin of **silkworm Bombyx** 080663
on methods of preservation of **silkworm eggs** 080680
Study on some Polish **silkworm hybrids** (B- 080681
on some aspects of **polyhybrid silkworm** (B- 080682

SILOS
Does your **silo contain** PCB [polychlorinated 074335
Removal equipment for **flat silos.** 080495
for removal of content from **flat silos.** 080914
characteristics of **perspective silo** plants. 1. 077681
Plastic silo. [Silage preparation]. 074336
Desilers for **trench silos.** 080865

SILT
Silt lime--an all-around way to improve soil 081501
rostochiensis, in sandy loam & **silt loam** soils 079237
distribution & origin of white **silt soils** in R- 081156

SILVER
An artifact resembling **silver grains** found in 078183
A modified **methenamine silver** method for s- 074724

SILVICULTURE
of forest nursery cleaning as **silviculture.** 076248
Sod bonding methods. [**Silviculture**]. 076382
to new nursery methods. [**Silviculture**]. 076383
Mulch planting. [**Silviculture**]. 076398
Clearcutting silvicultural system. 076342
Institute of **Silviculture** & **Mechanization** of 076305
Rationalization of **silvicultural operations.** 076377
forest growth areas & **silvicultural planning** 076826
Silvicultural problems by combined thinning 076391
Institute for **Silviculture--retrospect** & outlo- 076343

SIMAZINE
after effect of **simazine** & **atrazine** on winter 079491
dichlorophenyl) -urea], **simazine** & **atrazine** 079534
Action of **simazine** in **increasing** plant prote- 077961

SIMIAN
serological studies on **Simian virus** S.A. 11 075783

SIMPLEX
of Aujesky's disease virus & **herpes simplex** 075674

SIMULATION
control policy: a **simulation approach.** [Rural 072775
of generalized systems **simulation approach** 072782
Simulated grazing management systems in r- 078391
Simulation of **hydrochemical** patterns in reg- 081749
Simulation model to study utilization of was- 080744
A simple soil water **simulation model** for as- 081660
Numerical simulation of cloud seeding exper- 081662
for using yield **simulation programs** for dwarf 079574
In **vitro simulation** of rumen fermentation: 074650

SIMULIIDAE
Oviposition of black flies (**Simuliidae**) in no- 080380
of life history & larval growth of **Simuliidae** 080532
Austrosimulium tonnoir (Diptera: **Simuliidae**) 080578
rhythms in blackfly (**Diptera, Simuliidae**) at 080256
indicum in Nepal (**Diptera, Simuliidae**). 080635

SIMULIUM
Simulium indicum in Nepal (Diptera, Simuli- 080635

SINAPIS
Flavonol glycosides in Brassica & **Sinapis.** 076746

intensity during growth of **Sinapis alba** on e- 077621

SINUSOIDAL
Fine structure of **hepatic sinusoidal** wall. [L- 074680

SIPHONAPTERA
zone of mountain Crimea. [**Siphonaptera**]. 080019
importance in Tuva. [**Siphonaptera**]. 080045
Fleas of Montana. [**Siphonaptera**]. 080595
fur bearing animals. [**Siphonaptera, Acarina**] 080014
Spain (**Siphonaptera, Hystrichopsyllidae**). 080642

SIRE
adjusted for days open in **sire evaluation.** [075256

SIRICIDAE
of mucus from wood wasp, **Sirex noctilio** F., 078202

SISTER
analysis of nature of **sister chromatide** diver- 077024

SITE
small roots in soil profile of a **beech site** in 076928
Forest **site determination** & inventory at In- 076241
signals as aids to orientation at **feeding site** 080673
fertilizing experiments on a Terra **fusca site** 081326
Site of **gene** action in steel mice: analysis of 075259
Revision of **site groups** representation & str- 076182
Missouri Ozarks have similar **site indexes** f- 076332
Effect of **site preparation** on growth of plan- 076340
Forest as a **work site** is changing its appear- 076299

SITOPHILUS
phosphine. [Tribolium **confusum, Sitophilus** 079933
adult stages of **Sitophilus granarius** to phos- 079928
Development of **Sitophilus zeamais** Motsch. 079929

SKELETON
mitochondrial fraction from **skeletal muscle** 073652
changes in porcine **skeletal muscle.** 074029
contracted fibres in rigor **skeletal muscles** f- 074590
mortem changes in **skeletal musculature.** 073993
Skeleton & **musculature** of female genital & 080297
Motion & **skeleton** in **small** nematodes. [Pl- 079348

SKIDDING
Felling & **skidding** of **beech** in Adidovce for- 076492

SKIM
source of energy & powdered **skim milk** & 075125

SKIMMILK
SEE MILK

SKIN
on different substrates related to **skin.** 074045
international meeting on hides & **skins.** 074058
First quality feed produces good **skins.** [Mi- 075128
environmental temperature on **skin** & **body** 074599
syntheses in embryonic sheep **skin cells** in v- 074799
diseases of animals. V. **Skin, central** nervous 076018
Pectic substances in onion & **garlic skins.** 074287
yield, component parts, & **meat, skin** & bone 074079
Skin production for 1971/1972 season. [Mi- 074037
metabolic properties of **rats' skin** in abnorma 075028

SLASH
of five & six year old **improved slash** pine. 078248
Slash pine plantations respond to water con- 078247

SLAUGHTER
Never export live animals for **slaughter.** [Sh- 073201
lactate in blood of pigs for **slaughter.** 074553
Prediction of **slaughter age** in beef cattle. 073990
Problems of **slaughter animal** insurance in s- 073209
delivery & acceptance of **slaughter animals,** 073206
Insurance of **slaughter animals** & marketing 073207
transportation of live **slaughter animals.** 073208
on delivery & removal of **slaughter animals,** 073604
delivery & acceptance of **slaughter animals,** 073999
Forage fed **slaughter beef:** a victim of afflue- 074996
of Salmonella in **broilers slaughtered** in Sici- 073562
Slaughter of **calves** should be actively count- 073499
animal insurance in **slaughter carcass** marke- 073209
Development of **slaughter cattle** production 073465
Industrial **slaughter cattle** production. 073466
of antibiotics in meat of **slaughtered cattle.** 073592
Forage **fed slaughter** beef: a victim of afflue- 074996
Dangers of **home slaughtering.** [Contaminat- 073647
Utilisation of blood. [**Slaughter-house** waste, 073841
processing equipment in **slaughter houses.** 074040
in cattle in industrial **slaughter-houses** & fie- 075753
on porcine pneumonias in **slaughter houses.** 075862
Industrial slaughter cattle production. 073466
cysticercosis in cattle in **industrial slaughter** 075753
Slaughtering & inspection service; present & 075558
Slaughtering line for cattle. 074059
regarding transportation of **live slaughter** an- 073208
waters of **slaughterhouse** of **Messina.** 081764
Tasks of **poultry slaughtering** & processing 074000
Contribution to study of **slaughter properties** 075179
A spectral decomposition of **slaughter steer** 073337
aspects of milk & **slaughter swine** production 073177
of fat in nutrition of **slaughter swine.** 075082
Crossbreeding: **slaughter swine.** 075356
effect of different factors on **slaughter value** 074377
of carcasses & **slaughterhouse wastes.** 074050
Emphasis in **yielding slaughtering** by-produc- 074003

SLIME
pseudoplasmodia of **cellular slime** molds. 076911
cell aggregation in **cellular slime** molds. [Ac- 077279
differentiation of cells of **cullular slime** mou- 077357
somatic cell fusions in **heterothallic slime** m- 077456
somatic fusion in **heterothallic slime** mould 077457
Contractile properties of **slime mold** strand. 077277
hypothesis & its application to **slime mold** p- 077278
of RNA to pulse-labeled DNA in **slime mold** 077351
Slime molds in Bermuda grass. [Paspalum 078894
Slime of **myxococcus** virecsens. 077484

SLOPE
of Quercus macranthera on south **slope** ("m- 076609
some grass plants growing on **erosive slopes** 076890
of plant mass on south **slope** of **Greater** Cau- 076817
different methods of terracing **sloping land** 081264
Landscaping slopes. 078859
industry effluents using trail-**slope method.** 078463
of grey forest soils on **slopes** by **planting** fru- 081590
Greening of **terrace slopes.** [Grape culture]. 078820

SLUDGE
biological purification by **activated sludge.** 081268
Activated sludge process using high-purity o- 081851
Sludge adds up as feed. 075030
in experiments using sewage **sludge-garbage** 081315
Color removal & **sludge recovery** from total 081853

SLUGS
habits of gray field **slug, Deroceras** laeve. [079809

SLURRY
Viscosity of **ammoniated slurry** from wet-pr- 081396

SMOKE
of particulate phase of **cigarette smoke.** 077929
from a fertilizer trial in a **smoke-damaged** 076228
Effects of **smoke fractions** on mutagenesis in 077448
of meat products by **smoke seasonings** with- 074009
modifiers on tobacco & **tobacco smoke.** 073643
Biological effects of **tobacco smoke** & its co- 077447
constituents of tobacco & **tobacco smoke.** 077807

SMUTS
sugarcane varieties for resistance to **smut.** 079080
Smut & **bunt** of wheat. [Ustilago tritici]. 078892
of chemical resistance against **onion smut,** 079053

SNAPDRAGON
Noctuidae): a destructive pest of **snapdragon** 079834

SNOWS
Moisturizing role of **compacting snow** with 081714
Studies on **snow mold** etiology & resistance 078984

SOCIALISM
statistics in **socialist agricultural** enterprises 072875
State insurance serving **socialist animal** ind- 073144
Socialist competition as a means of intensify- 072888
computers in forestry of **socialist countries.** 076276
on vegetables of **socialist countries,** held in 078785
of agricultural engineers in **socialist farm** en- 080714
similar to industry in **socialist forestry.** [East 076304
Amelioration tasks for **further socialist** inte- 081536
Georgi Dimitrov to **socialist reconstruction** 072662
in Byelorussian Soviet **Socialist Republic.** 080837
Basis of strength of **socialist society.** [Colle- 072649
Recommendations of **socialist working** team. 078703

SOCIOLOGY
Plant **sociological characteristics** of experim- 076832
supplement--**economical, sociological,** & ecol- 076336
Results of some **sociological studies** on nutri- 073788

SOD
of forage production on **bermudagrass sods** 078535
Sod bonding methods. [Silviculture]. 076382

SODA
of high-yield southern **pine soda** pulps by o- 076528

SODIUM
method on induction of (**sodium**+potassium) 077837
seedlings under influence of **sodium azide.** 077917
impermeable earlier by **sodium carbonate.** 081148
NaCl [**sodium chloride**] contamination in pi- 076233
under different levels of **sodium chloride.** 077475
NaCl [**sodium chloride**] contamination in pi- 081869
combination with **natrium deoxicholate** & u- 080163
high concentrations of **sodium** in **drinking** m- 080223
Influence of **sodium fluoride** on behaviour of 080202
protein by **sodium hexametaphosphate** extra- 074161
Sodium ion activity in soil suspensions. 081178
adminsitration of **sodium pentobarbital** on e- 074700

Analysis of **sodium & potassium** content of 077712
Sodium relations in desert plants: 1. Cation 076781
Variations in uptake of **sodium & rubidium** a- 077842
rot in relation to exchangeable **soil sodium** 078936

SOFT

Abe soft red winter wheat. 078360
Bacterial soft rot diseases of headed cabbage 079127
Reutilization of **barley softening** waters & its 074093
Additives for **soft drinks.** 073599
isobutyrate in rodents & dogs. [**Soft drinks,** 073637
Additives for **soft drinks.** 073835
feeding & collection of hard & **soft feces** of 074844
chrome preservatives for wood **soft-rot** fungi 076563
Utilization of carbohydrates by **soft rot** fun- 079112
Softening temperatures & durability of wood 076481
Study on resistance of a **soft wheat** (Tritic- 079064
Triticale (2n = 56) with **soft winter** wheat 077192
crossing triticale (2n=56) with **soft winter** 077214
morphological features of **soft winter** wheat 077820

SOFTWOOD

Chaetomium goobosum Knunze. [**Softwoods**] 079112
Trends of quality of **softwood timber.** 076518

SOILS

insecticide residues in crops & **soil.** 073639
Nutrient supplying capacity of **soils.** 1. Effe- 077782
Absorption of boron by plants from **soil.** [R- 077784
growth of poplars in different types of **soils** 078207
Detection of Verticillium in **soil.** 079105
of plants on lead concentration in **soil.** 079343
high frequency] device to plant seeds in **soil** 079593
of propachlor from granules in **soil.** 079600
chemical degradation of malathion in **soil.** 080102
insecticide residues in crops & **soil.** 080103
as related to water loss from **soil.** 080104
of bacteria, actinomycetes & fungi in **soil.** 080137
"chisel" used for tillage of **soil.** 080975
of determining acitivity of ions in **soils.**1. St- 081005
mineral compounds of phosphorus in **soils.** 081008
in Quibor Depression, Lara State. [**Soils**]. 081016
Lime requirements of **soil.** 081039
of available phosphorus in **soils.** 081043
physico-chemical characters of **soils.** [India] 081044
origin of structures of orientation in **soils.** 081048
for investigating diffusion phenomena. [**Soils**] 081051
governing porosity of loose materials, [**Soils** 081052
photometry of organic substances in **soil.** II. 081057
New findings in peat research. [**Soils**]. 081064
Lime & phosphate potentials of **soils.** 081097
sulphate on availability of manganese. [**Soils**] 081102
Balance of nitrogen & humus in **soils.** 081107
Removal of ozone by **soil.** 081109
Nutrient supplying capacity of **soils.** 1. Effe- 081115
accumulation of organic matter in **soil.** 081127
distrubution of exchangeable cations in **soil** 081129
acids by high frequency titration. [**Soils**]. 081175
determination of boron by curcumine. [**Soils** 081197
Inhibition of dehydrogenase activity in **soil.** 081212
of bacteria, actinomycetes & fungi in **soil.** 081215
of diphenol oxidases extracted from **soils.** 081221
assay of dehydrogenase activity in **soils.** 081222
Research in field of excess moisture in **soils** 081238
Notes on mechanical composition of **soils.** 081248
driver. 3. Physical characteristics of **soil.** 081259
ratio in electrical parameters of **soil.** 081265
of available sulphur status of **soils.** 081372
to amount of mobile phosphates in **soil.** 081411
Removal of ozone by **soil.** 081814
of plants on lead concentration in **soil.** 081827
of spring wheat in different types of **soils.** 077633
caryophyllus] estimation of inoculum in **soil** 078907
from Maritsa-Iztok Lignite Basin. [**Soils**]. 081193
of alfalfa & bromegrass on P.E.I. **soils.** 081358
Classification of volcanic ash **soil according** 081117
Liming **acid soils** in Amri ASSR. 081408
root adsorbent of plants & **soil adsorbent.** 077561
How ancient **soils affect** crops. 081203
Qualitative evaluation of **soils** of **Agdam** Dis- 081017
A study of **agricultural soils** in province of 081106
Minor elements in some **soils** of **agricultural** 081177
properties of **soils** of **Aktiubinsk** Region & t- 081247
chemistry of phosphorus in an **albaqualf soil** 081393
with actual gypsum needs of **alkali soils** of 081139
drainage methods for saline-**alkali soils.** 081643
Effect of acid, saline & **alkaline soils** on crop 081534
of micronutrients in primary **alpine soils** of 081255
container grown plants. [**Soil amendments**] 081368
How **ancient soils** affect crops. 081203
Studies on **soil animals** in grassland. II. Age 081124
of nitrogen fertilizers in **soil** when **applied** to 081291
nitrogen on availability of **soil** & **applied** ph- 081387
Further studies on **soil area** of nutrition for 078519
conditions on deep black cotton **soil area.** 081084
Genesis & characteristics of volcanic **ash soil** 081113
of several elements of volcanic **ash soils** in 081116
Genesis & characteristics of volcanic **ash soil** 081117
lead & vanadium in volcanic **ash soils** on riv- 081144
Some problems on volcanic **ash soils** in Tan- 081165
Soil associations & land classification for irr- 081149
Australian soils. 081055
Study of mercury content in **Austrian soils** 081059
Study on **soil available** phoshporus as affect- 081096
Calibration of **available soil** phosphorus val- 081492
soluble calcium in some **soils** of **Azerbaijan** 081019
distribution of nematodes in **soil** of **Bab** fore- 081056
Soil bacteria growing in plain-agar plate. 081119
potential gradients between **soil** & **bean** roo- 078101
particulate matter, & in **soil beneath** sprayed 080050
a theoretical model. [**Soil biology**]. 081108
Effect of covering of **soil** with **black** polyeth- 078746
inorganic phosphorus in medium **black soils** 081095
concentration dynamics of loess **brown soils** 081470
of parathion in six **California soils** under la- 080051
Callapsible soils in Louisiana. 081128
application of results of **soil calssification** in 081267
mazzard cherry varieties on **carbonate soils.** 078637
Flax growth in **Cecil soil** containing mordant 077673
Nitrification activity of **certain soils** treated 081185
in soil in relation to **soil characteristics** & 081093
glass bead medium. [**Soil chemistry**]. 081089
Fulvic acid metal complexes. [**Soil chemistry**] 081091
on microflora of leached **Chernozem soil.** 079495
Chernozem soils of normal southern Kustan- 081250
features of **Chernozem soils** of southern Kus- 081251
of nitrates in southern **Chernozem soils** of 081253
Structural composition of **Chernozem soils** of 081254
yield of cabbages in leached **Chernozem soil** 081294
northern Azov Sea region **Chernozem soils.** 081298
of mobile phosphorus in **Chernozem soils** of 081305
acids in **Chernozemic soils.** 081218
indices in relation to **soil classification** work 081245
Interest in drainage, **soil classification,** & re- 081798
On problem of **classifying soils** of lowland 081243
Heavy **clayey soils** in Hokkaido. 081167
nitrogen distribution in a **claypan soil.** 081067
on variety & growth in **soil climatic** zone. 074231
wheat grain as related to **soil** & **climatic** fac- 077655
composition of humus in **compact soils** of A- 081020
Effect of **soil compaction** on growth of & yie- 078458
Soil composition & ground preparation. [Fr- 081572
Effect of **soil conditioner** PMU-7 on dynami- 081298
quality of carrots relative to **soil conditions.** 081297
A review of **soil conservation** in New Zeala- 081530
materials development by **Soil Conservation** 081542
Soil conservation & soil erosion control in 081573
of pigs exposed to **soil containing** Ascaris su- 075726
Flax growth in Cecil **soil containing** mordant 077673
Copper content in grass & **soil** under **copper** 076149
salinity conditions on deep black **cotton soil** 081084
Conditions of soil formation & **soil cover.** 081010
Representation of structure of **soil cover** & i- 081078
Effect of **soil cover** on decomposition of fore- 081261
of organic matter in **soils** of **cretaceous** "Ch- 081050
Studies on behavior of boron in **soil-crop** sy- 077784
of plant nematodes in **cultivated soil:** length 079307
break-up of **soil** in use of **cultivating** equipm- 080849
of developing implements for **soil cultivation** 080828
On contribution to **soil cultivation** in modern 081551
on farmers' fields soil fertility-**cum-soil** surv- 081352
method of measuring **soil density.** 081105
Model studies on changes in **soil density** of 081273
Chernozems & gray forest **soils, depending** 081192
of a chronosequence of **soil developed** on all- 081015
phosphorus transformation in **Dhankar soil.** 081384
jowar (Sorghum vulgare) in **different soil** ty- 078368
Interest in **drainage, soil** classification, & re- 081798
moisture & temperature of **soil** on **dynamics** 078065
Some **soil ecological** & environmental conse- 076466
Maps of **soils & ecology.** 081104
techniques for restoration . [**Soils, ecology**] 081540
Method of investigating **effective soil** protec- 081591
Nematicides in **soil environment.** 080110
evolution tendencies in certain **eroded soils** 081235
of sowing perennial grasses on **eroded soil.** 081560
experiment with a map showing **soil erosion** 081541
in chemically killed rye. [**Soil erosion,** cont- 081553
Soil erosion of land systems within Hunter 081554
to fool with Mother Nature. [**Soil erosion**]. 081569
Soil conservation & **soil erosion** control in 081573
Science bars way to drought & **soil erosion.** 081579
of southern Urals. [Tillage, **soil erosion**]. 081581
legislative conditions of **soil erosion** control 081589
root rot in relation to **exchangeable soil** sod- 078936
amino acids-1-14C by **soil extracts.** 081220
soddy podzolic soil under oats & **fallow soil** 081029
Soil features of chestnut zone of Aktiubinsk 081025
of "pipe structure" in **ferrallitic soils** of Mi- 081099
experiences in crop rotation on **fertile soils.** 078550
on farmers' fields **soil fertility**-cum-soil surv- 081352
of lime fertilization or **soil fertility.** 081400
Ecological crisis, agriculture, & **soil fertility** 081545
Need for **soil fertilization** in Lodz province 081456
relation to their content in **soil, fertilizers** t- 078739
mechanical properties of **soil** & **fertilizers** of 081296
recommendations on farmers' **fields soil** ferti- 081352
in Japan. 1. Some characteristics **fo soil** pro- 081113
from tomato **foliage, soil,** & water. 078992
grassland soil & a colluvial **forest soil** from 076697
in soybeans on a brown-reddish **forest soil.** 078466
yields of winter wheat on brown **forest soil.** 078497
composition of brown alpine-**forest soils** of 081023
in bog-podzolic & gray **forest soils.** 081153
Forest soils with surface horizons where re- 081166
particle size fractions of gray **forest soils.** 081190
by Chernozems & gray **forest soils,** dependi- 081192
on wheat & maize grown on **forest soils.** 081466
Reclamation of grey **forest soils** on slopes by 081590
Conditions of **soil formation** & soil cover. 081010
sequence of parent materials & **soils formed** 081151
agricultural evaluation of **soil-forming** bedro- 081200
Fossil soils (paleosols) of Central Europe. 081041
On choosing a substrate for **soil-free** culture 078803
purification & fractionation of **soil fulvic** acid 081114
Effects of **soil fumigation** on growth of apple 077996
Soil fumigation with methyl bromide: uptake 079239
Effects of **soil fumigation** on growth of apple 079240
Gladiolus **soil fumigation** trial--1972. 079266
on buried wheat plant tissues. [**Soil fungi**]. 079078
Diversity in **soil fungi** as influenced by DDT 080113
of soil fungi. II. Distribution of **soil fungi** in 081044
Diversity in **soil fungi** as influenced by DDT 081145
on buried wheat plant tissues. [**Soil fungi**]. 081219
Soil geochemistry of bromine. 1. 081120
Soil geochemistry of bromine. 2. 081121
element content in some **soils** of **Georgia.** 081184
phosphate fractions in some **Ghana soil** seri- 081072
Gladiolus soil fumigation trial--1972. 079266
chemical disinfection of **soil** under **glass** & p- 081539
of Kolkhida Lowland podzolic-**gley soils.** 081183
Draining variants in pseudo-**gley soils.** Inves- 081271
pollen analyses of a stratified **grassland soil** 076697
estimated from hydrologic **soil groups.** 081269
Effect of **soil heating** & propagation medium 078213
improving screening capacity of **heavy soils** 081532
on five species of algae. [**Herbicides, soil** mi- 079597
Soils in **Herefordshire.** III. 081232
of range burning on Kansas Flint **Hills soil** 078392
capacity & bulk density of **soil horizons.** 081113
Horizontal soil-water intake through a thin 081110
for amorphous matters of upland **humic soils** 081164
obtained from humin fraction of **soil humus** 081090
potentials estimated from **hydrologic soil** gr- 081269
Banana cultivation on **hydromorphic soils** in 078686
Water regime in **hydromorphic soils** of Tissa 081233
mobility & adsorption in twelve **Illinois soils.** 079609
Pseudogleyic podzolic clay-**illuvial soils** (Pl- 081236
Minerals & their fate in **soils** of **Ily** Taukum 081170
Silt lime--an all-around way to **improve soil** 081501
equipment for **soil improvement.** 080841
Comparison of **soil incorporated** organic add- 081509
of west Bengal & south **Indian soils** as a fu- 081138
on denitrification in south **Indian soils.** 081141
Buffer role of **soil** & its **influence** regarding 081061
acetic acid metabolism in **soil** as **influenced** 081065
Sorption of iodide by **soils** as **influenced** by 081112
Oribatids in periodically **inundated soils.** 080499
origin of clay minerals in **Krasnozem soils** of 081168
use of living plant tissue in **soil**-based **larval** 080366
Reaction rate of lime in acid **laterite soil.** 081146
of various concentrations on **light soils** of cis 081290
peat fertilizers on productivity of **light soils** 081490
Operating methods of **subsoil liming.** 081335
characteristics of some **soils** in **Lithuanian** 080164
characteristics of some **soils** of **Lithuanian** 081029
characteristics of some **soils** of **Lithuanian** 081030
characteristics of some **soils** in **Lithuanian** 081031
of some types of **soil** in **Lithuanian** SSR. 5. 081032
of some types of **soil** in **Lithuanian** SSR. 6. 081033
characteristics of some **soils** in **Lithuanian** 081034
characteristics of some **soils** in **Lithuanian** 081035
characteristics of some **soils** in **Lithuannian** 080168
irrigation in sandy & sandy **loam soils.** [Coc- 081611
of fertilizers on bog-podzolic **loamy soils** of 081310
opening of **soil** by means of **loosening** impl- 080833
of sowing methods for **soils** with **lower** fertil- 078548
practice in crop rotation on **soils** with **lower** 078557
of chemical properties of **lysimeter soil** with 081116
for irrigating certain **Makatini soils.** 081668
Effect of **soil management** on initial yield & 081398
information in relation to **soil management** 081527
System in **soil management** for sugar beet f- 081577
More **soil maps!.** 081040
its quantitative characteristics on **soil maps** 081078
Effects of host variety, plant **maturity, soil** 079084
zoocoenoses) in **soils** of **meadow** stands in c- 078498
rating of Belorussian **meadow soils.** 081172
of mineral fertilization on **meadow soil** resp- 081472
backscatter method of **measuring soil** density 081105
Grain maize grown in light to **medium soils** 078310
ecological analysis of **soil Mesostigmata** (Ac- 080447
peach & their effects on **soil microorganisms** 079117
Soil microorganisms affect alfalfa. [Nemato- 079276
of algae. [Herbicides, **soil microorganisms**]. 079597
decayed by fungi. [**Soil microorganisms**]. 081217
Media costs. [**Soil mixes**]. 073043
Effect of **soil moisture** on amount of different 077676
light intensity, temperature & **soil moisture** 077740
Influence of **soil moisture** tension & amend- 078022
soybean varieties grown at two **soil moisture** 078259
maturity, soil temperature, & **soil moisture** 079084
Determination of **soil moisture** by neutron s- 081001
Influence of **soil moisture** tension & amend- 081063
Soil moisture under forest, Bukit Timah Na- 081071
Soil moisture dynamics & its variations und- 081181

Course of **soil moisture** under potatoes on e- 081196
on Central Otago hill & **mountain soils.** 081327
in pure culture on mineral **marsh soil.** 078376
Zinc content of Tamil **Nadu soils.** 081142
Topsoil & **natural** conditions of Kirov Region 081009
organic phosphorus in some **Nigerian soils.** 081229
Mobilization of **soil nitrogen** as influenced 081199
forms of potassium in **soils** of **northern** Black 081152
characteristics of **soils** of **northwestern** & ce- 081011
on chemical properties of **soils** & **nutrient** 081395
PMU-7 on dynamics of **soil nutrients** & yie- 081298
expansion & fertilization of **soil** in **Olomouc** 081578
Pratylenchus minyus in two **Ontario soils.** 081154
Meloidogyne hapla in **organic soil:** effects of 079310
Soil organic matter effect on activity of ace- 079592
Soil organic matter. 081060
Soil organic matter effect on activity of ace- 081521
on food & feeding habits of **soil Oribatei** in 080375
Clay minerals of **paddy soils** in Tohoku Dist- 081118
Clay minerals of **paddy soils** in Tohoku Dist- 081122
complex prospective evaluation of **peat soil** 081077
Chlorodioxins in **pesticides, soils,** & plants. 080101
Relationship between **soil-pH** [hydrogen-10 081131
Some **soil phases** in Missouri Ozarks have s- 076332
on availability index of **soil phoshporus** & p- 081239
Substrate adsorption in **soil phosphatase** act- 081003
Phosphorite soils of sub-Ural plateau & their 081249
Availability fluctuations of **soil phosphorus** f- 081427
Calibration of available **soil phosphorus** val- 081492
manganese in **soils** with **photocolorimetry** & 081126
Effect of **soil physical** properties on develo- 078149
Soil physical properties in a sorted stripe fi- 081053
Soil physical property modifiers. 081081
Effect of **soil physical** properties on develo- 081182
Soil physics study of a surface water gleyed 081058
Soil physics. 3. Basic knowledge for agricul- 081155
Soil physics--theory & practice. 081163
Modified Fernow Frost Gage. [**Soil physics**] 081230
Aspects of plant cultivation & **soil physics** in 081565
Development of vegetation & **soils** at **Pic** du 076873
models for a subsurface, water **pipe, soil**-wa- 080741
selected south Atlantic coastal **plain soils.** 077642
Cesium 137 in soils & in system **soil--plant.** 077565
of benomyl residues in **soils** & **plant** tissues 080084
Cesium 137 in soils & in system **soil--plant.** 081198
or Nemacur applied to **soil** at **planting** time. 079238
salt accumulation processes. [**Plants, soils**] 077299
Lithium content of **soils** & **plants** of clay ar- 081002
salt accumulation processes. [**Plants, soils**] 081024
different crop rotations in bog-**podzolic soils** 081007
Temperature regime at soddy **podzolic soil** 081029
potassium in soddy **podzolic soil** under oats 081030
of clay fraction of **podzolic soils** on basis of 081135
compounds from a soddy-**podzolic soil** & vol- 081171
of heavy textured bog **podzolic soils.** 081176
crop rotation in thick bog-**podzolic soils.** 081306
fertilizers to eroded bog-**podzolic soils.** 081403
fertilizers to potatoes in bog-**podzolic soils** of 081404
rye in crop rotation in gray **podzolized soil.** 081308
Effects of air & **soil pollution** by industrial 076222
liquid manuring. [Swine, **soils, pollution**]. 081819
Soil pollution & environmental health. 081839
Influence of **soil pollution** with plutonium 2 081885
Disinfestation of **soil** of **poultry** runs with u- 075925
of different methods of **soil preparation.** [Fa- 076365
Reclamation of some **problem soils** in Thail- 081574
of rootlets & small roots in **soil profile** of a 076928
Some characteristics fo **soil profile** & maxi- 081113
Study of **soil profile** morphology of a catena 081137
Analysis of moisture reserves in **soil profile** 081211
of organic chemicals on **soil properties** & pl- 077418
Effect of waterlogging on **soil properties** & 081085
by equilibrium conditions & **soil properties** 081112
Effect of waterlogging on **soil properties** & 081642
method for preparation of **soil** & **protection** 078772
of investigating effective **soil protection** from 081591
Soil protective agriculture in steppes of sou- 081581
of wheat in "trumao" **soils** of **provinces** of 081275
of total change capacity in **soils** by X-ray fl- 081045
Soil recycling of cannery wastes. 081324
phosphorus compounds in black & **red soils** 081092
Red soils of Mysore State: mineralogical st- 081147
chemical properties of hebbal **red soils.** 081438
of added phosphorus in **soil** in **relation** to so- 081093
in biological activity of **soil** in **relation** to dif- 081264
Vegetation & **soil relationships** in Southern 081069
of permeability to water of **soils rendered** i- 081148
Mineralogy of a **representative soil** from "C- 081047
stepwise regression analysis. [**Soil research**] 081062
Soil research in India. 081076
objectives of Institute of **Soil Research** in fi- 081238
Soil research for asparagus. 081260
Insecticides [**Soils, residues**]. 080079
prospective evaluation of peat **soil resources** 081077
Soil respiration in different types of Southe- 081162
fertilization on meadow **soil respiration;** mo- 081472
degradation in submerged **rice soils** in Phili- 080096
phosphate in latosolic lowland **rice soils.** 081094
Puddling tropical **rice soils.** 2. Effects of wa- 081571
Mobile potassium in **rocky soils** & parent r- 081263
classification criteria for **Romanian soils.** 081237
under varying conditions of **soil** & non-**root** 078220
Rapid **routine soil** & plant analysis without 077393
of friable layer of **soil** in between **rows** of s- 081586
as indicators of conditions of **soil salinity** of 076829
as affected by nitrogen & **soil salinity.** [Cyn- 077663
Influence of **soil salinity** upon fruiting & sh- 077912
as indicators of conditions of **soil salinity** of 081068
quality of ground water on **soil salinization:** 081101
Experimental leachings of **salinized soils** in 081561
DDt residual concentrations in **soil samples** 080124
of saccharase activity in **soil samples.** 081070
sitchensis in mixed culture on **sandy soils.** 076360
phosphate potentials for **sandy soils** of Hutt- 081134
sitchensis in mixed culture on **sandy soils.** 081361
Nitrogen in **soils** of **Saratov** Region. 081174
of silver chloride electrodes for **soil science** 081005
Indian Society of **Soil Science.** Aims, activit- 081074
Soil science & plant cultivation aspects of r- 081320
of fallout cesium 137 in **soils** & **sediments** in 081879
Characteristics of **soils** in **Selengen** Aimak in 081186
fractions in some **Ghana soil series.** 081072
chrome content of plants on **serpentine soils** 077477
First experiment with a map **showing soil** e- 081541
in certain characteristics of **Sierozem soils** as 081038
Stucy of erodability of **Sierozem soils** with 081580
distribution & origin of white **silt soils** in R- 081156
A **simple soil** water simulation model for as- 081660
rostochiensis, in three **soils** by **small** amoun- 079238
Saline & **sodic soil** & amelioration methods 081566
Studies on waterlogged saline **sodic soils** of 081644
rot in relation to exchangeable **soil sodium** 078936
Machines for cultivation of **Solonets soils** of 080964
properties of some **soils** of **southern** foothill 081257
of herbicides through **soil** to **soybean** roots. 077647
phosphate distribution in **soil** with **special** r- 081376
Soils of **station.** 081209
on nitrate & salt of underlying **soil strata.** 081813
size on wheat growth. [**Soil structure**]. 077753
Effects of crops & grass on **soil structure.** 081157
Livestock management & **soil structure.** [Gr- 081158
Soil structure: its effect on crop yield. 081159
Moisture variation at **soil surface** & advance 081270
status of phosphorus in **surface soils** of Gha- 081365
Removal of **surface soil** by mechanical meth- 081549
Soil survey of Rustenburg area. 081205
farmers' fields soil fertility-cum-**soil survey** 081352
Kinds & intensities of **soil surveys.** 081241
Sodium ion activity in **soil suspensions.** 081178
limits of semi-liquid manuring. [**Swine, soils,** 081819
of Cesium 137 in **soils** & in **system** soil--pla- 077565
of highly-dispersed fraction of **Takyr soils** of 081022
On certain problems of **soil taxonomy**-- ess- 081187
Flooding & **soil temperature** effects on wheat 077643
fertility, water, & **soil temperature.** 077665
variety, plant maturity, **soil temperature,** & 079084
of flower bulb sheds. [**Soil temperature**]. 080764
Mathematical modeling of **soil temperature.** 081202
classification of **soils** of **Thailand.** 081240
changes in **soils** using **thermistors.** 081227
Soil tillage in cereal culture. 081533
in steppes of southern Urals. [**Tillage, soil** e- 081581
Soil tillage for winter wheat after various p- 081582
Comparison of power required for **soil tilling** 080834
with a spade rolling harrow in **soil tilling.** 080835
absorbed from **soil** & **translocated** into rice 077962
compounds in black & red **soils treated** with 081092
Nitrification activity of certain **soils treated** 081185
Effect of **soil treatment** on emergence & gr- 077921
Soil treatment after cereals. 081538
Effect of **soil treatment** on trunk diameter 081550
of mineral nitrogen in fresh **tropical soils.** 081088
Sorghum vulgare) in different **soil types** of 078368
Work organization & **soil types** influence eq- 080927
Sorghum vulgare) in different **soil types** of 081382
potassium from some **typical soils** of Mahar- 081207
effect on nitrate & salt of **underlying soil** st- 081813
weeds in cultivated & **undisturbed soil.** 079482
of 137Cs [cesium] in **soils** & **vegetation** on i- 081073
A study of **soil** & **vegetation** in old fields in 081463
in banana plantations in **volcanic soils** in ne- 079280
for a subsurface, water pipe, **soil-warming** s- 080741
leaf temperatures as related to **soil water** d- 077650
Horizontal **soil-water** intake through a thin 081110
Soils & **water** conservation on a New Engla- 081555
A simple **soil water** simulation model for as- 081660
Soils in **Westmorland.** I. 081231
determination of constituents of **whole soils** 081150
of target rape grown on gray **wooded soils** in 078022
leaf litter in two deciduous **woodland soils.** I 081160
leaf litter in two deciduous **woodland soils.** 081161
Reflections on equipment for **working soil.** 080933

SOLANACEAE
of fruit in tropical America: **Solanaceae.** 076672

SOLANUM
andigenum with diploid species of **Solanum.** 077231
of Solanum laciniatum & **Solanum aviculare** 076768
Alkaloids of **Solanum ecuadorense.** 077557
Glover in eggplant (**Solanum melongena** L.) 079832
virus diseases. II. Role of **Solanum nigrum** in 079186
isoenzymes from **Solanum tuberosum.** [Pota- 078115
compounds produced by **Solanum tuberosum** 078119

SOLAR
Effects of total **solar radiation** & temperatu- 077428

SOLENOPSIS
ants. [Solenopsis richteri, **Solenopsis invicta** 079636

SOLID
Monthly variation in fat & **solids-not-fat** of 073927
Consumers prefer a **higher solids** milk. 073625
Solid manure handling for livestock housing, 080693
Honey & **molasses solids,** new functional sw- 073857
Effect of **solid pollutants** on translocation of 076220
liquid nitrogen in food **processing, solid** was- 073822
Dairy cattle manure liquid: **Solid separation** 081810
Solid ultra low volume. [Mosquito control] 079972
biphenyls in solid wastt & **solid-waster** relat- 081773

SOLUBILITY
of methods of extracting **acid-soluble** phosp- 077295
Concentrations of **acid-soluble,** exchange & 081019
acid treatment on **soluble** & **cell** wall bound 077495
Petrol **soluble constitutents** of seeds of Pyr- 077519
Structure of water-**soluble feeding** stimulant 078226
I. Daily changes in **soluble nitrogen** compl- 078079
Solubilization & **partial** characterization of 078003
Effect of water **soluble phosphate** on utilizat- 078075
of applied water **soluble phosphate** in latoso- 081094
Water-**soluble proteins** & free amino acids in 075873

SOLUTION
Photobleaching of beta-carotene in **solution** 077491
refractive indices of **carbohydrate solutions.** 073824
refractive indices of **carbohydrate solutions.** 073827
process applied to **solutions** of **high** purity in 074211
Possibilities to **increase solution** speed of in- 073885
marketing on way to **individual solution.** 076453
of osmotic pressures of **nutrient solution.** 077486
to cattle in a two-**percent solution** of novoca- 075575
of grazing cattle with ten **percent solution** of 075867
Determination of **solution speed** of instant 073887
effect of old aqueous **standard solutions** on b- 074677
supersaturation of industrial **sugar solutions** 074103
New **technical solutions** & requirements of t- 080826
blood fibrin with a **solution** of **tetrasodium**-e- 074746
guanidine hydrochloride or **urea solutions.** 080664

SOLVENT
Solvent extractive rice milling. 074139

SOMATIC
antibody response to **somatic antigenic** dete- 077458
Somatic association of chromosomes in asyn- 077047
Sexual & **somatic cell** fusions in heterothallic 077456
Somatic crossing over in Lycine max (L.) 077083
Somatic crossing-over in Drosophila melano- 080269
Selective **somatic elimination** of Nicotiana g- 077084
Sexual & **somatic fusion** in heterothallic sli- 077457
Somatic resistance to X-ray treatment in D- 080277
Review: Prostaglandins; **somatic substances** 075471

SONCHUS
SEE COMPOSITAE

SOPHORA
chemotaxonomy of three **Sophora species.** 076747

SORBUS
SEE ROSACEAE

SORGHUM
Breeding for shootfly resistance in **sorghum** 077139
root extraction. [**Sorghum**]. 077668
After wheat, maize & **sorghum.** [Forage pla- 078495
Sorghum: a development for livestock? [Cul- 078536
Breeding for shootfly resistance in **sorghum** 079735
root extraction. [**Sorghum**]. 081013
moisture grain sorghum (**Sorghum bicolor** L. 074083
Sorghum breeding. 077160
Comparative study between **sorghum** & **corn** 074889
No tillage crop production. [**Corn, sorghum,** 078477
of nutsedge. [Cynodon **dactylon, Sorghum** h- 079478
Water loss from an irrigated **sorghum field:** 077668
Water loss from an irrigated **sorghum field:** 081012
Water loss from an irrigated **sorghum field:** 081013
degradation of barley & **sorghum grain.** [Cat- 074338
Leaf blade areas of **grain sorghum** varieties 077013
antitranspirants on yield of **grain sorghum** 077641
Grain sorghum yields in one-row & two-row 078258
control of a spider mite in **grain sorghum** on 079747
Fertilizer use on **grain sorghum.** 081487
Irrigation scheduling for **grain sorghum.** 081612
Storage of high moisture **grain sorghum** (So- 074083
on nutritional value of **sorghum grains** with 075064
on nutritional value of **sorghum grains** with 075065
Cyperus rotundus L. & **Sorghum halepense** 078054
Cynodon dactylon, **Sorghum halepense,** Cyp- 079478
Cyperus rotundus L. & **Sorghum halepense** 079486
with trifluralin. [**Sorghum halepense**]. 079518
County for 1972. [<**sorghum halepense,** Ip- 079568
methanearsonate. [**Sorghum halepense,** cott- 079595
Postemergence **sorghum herbicide** evaluatio- 079562

Preemergence **sorghum herbicide** evaluations 079571
of utilization features of **sorghum hybrids** F 077099
Water loss from an **irrigated sorghum** field: 077668
Water loss from an **irrigated sorghum** field: 081012
Water loss from an **irrigated sorghum** field: 081013
of raw sugar from **sorghum juices.** 074212
cereals project to improve **maize, sorghum** 073390
in varieties of tall, late **maturing sorghum.** 078341
Postemergence sorghum herbicide evaluatio- 079562
Preemergence sorghum herbicide evaluations 079571
Evaluation of vigor tests for **sorghum seed.** 077667
Anthomyiidae: Diptera), **sorghum shoot** fly. 079734
Frondoso INTA" variety of **sweet sorghum** 078370
Yield stability of **sorghum varieties** & hybri- 078306
Striga asiatica L.) in **sorghum varieties.** 079475
Leaf blade areas of grain **sorghum varieties** 077013
in association with milo (**Sorghum vulgare** v- 074356
on yield of hybrid jowar (**Sorghum vulgare)** 078368
variety of sweet sorghum (**Sorghum vulgare** 078370
on yield of hybrid jowar (**Sorghum vulgare)** 081382
crop production. [Corn, **sorghum, wheat**]. 078477
Grain **sorghum yields** in one-row & two-row 078258

SORPTION
SEE ADSORPTION

SORT
A method to **sort adults** & brood from mater- 080180

SOURVELD
of over-seeded species in **Highland Sourveld** 078403
of over-seeded species in **highland sourveld** 079502
of over-seeded species in **Highland Sourveld** 081420

SOW
SEE SWINE

SOWING
lowveld in relation to date of **sowing.** 2. Gr- 078167
Fight weeds before **sowing.** 079498
Influence of **sowing dates** & rate on growth, 078375
vegetable growing. 3. **Sowing & harvesting** of 078676
Some old seed **sowing implements.** 080812
of time & methods of **sowing** of **lucerne** on y- 078499
crop rotation. V. Models of **sowing methods** 078548
Make use of quality seed for **pasture sowing** 078411
Experiment of **sowing perennial** grasses on 081560
Influence of fertilizing & **sowing rate** on yie- 077757
Studies on **surface sowing** in grassland estab- 078401
Studies on **surface sowing** in grassland estab- 078402
reaction of spring barley on **sowing time.** 078553
work beet cultivation after **sowing** by **type** 078312

SOWTHISTLE
morphology of interspecific **sowthistle cross-s.** 077003

SOYBEANS
for unavailable storage capacity. [**Soybeans**] 073266
crossing over & point mutations. [**Soybeans**] 077083
Producing induced mutations in **soybean.** 077198
using acetylene reduction assay. [**Soybean**]. 077654
pattern of different varieties of **soybeans.** 077726
Revered legume. [**Soybeans**]. 078449
Pest control in corn & **soybeans:** weeds, ins- 079213
Premerge as a topical spray in **soybeans.** [079442
flame cultivation for cotton & **soybeans.** [W- 079517
study on nitrogen fertilization of **soybean** (081373
Response of **soybean** [Glycine max (L.) Me- 081381
of some domestic varieties of **soybeans.** 074233
Results of work in **breeding soybeans** for qu- 077190
characters in **soybeans** on a **brown**-reddish f- 078466
new developments **concerning soybeans** gro- 081691
children. IX. Instant sweetened **corn-soy**-mi- 073709
efficiency of bacterization in **soybeans crops** 081201
Soybean culture in Switzerland, crop of futu- 078348
period. [Digitaria **decumbens, soybeans**]. 074896
Bacteria fight **soybean disease.** [Bdellovibrio 079118
U.S. **soybean economy** in 1980's. 073374
Phosphate manuring of **soybean** & its **effect** 081385
Acceptance of **soybean-enriched** wheat flour 073754
Bacteria **fight soybean** disease. [Bdellovibrio 079118
Potential of **soybeans** as **food** in India. 073244
Soybean foods for Caribbean. 073720
Growing conditions of **grain soybeans** & its 077892
Results obtained in **soybeans growing** at Sta- 078468
of harvesting works in **soybeans growing.** 080943
developments concerning **soybeans growing** 081691
Preemergence **soybean herbicide** evaluations 079565
Postemergence **soybean herbicide** evalutions 079566
steps aiming at **increasing soybeans** yield u- 078465
Soybean insects & their control. 079711
commercial qualities of **introduced soybean** 078481
carbohydrate levels of **soybean leaves.** 077857
Antitrypsin factors. [**Soybeans, lima** beans, 073749
IX. Instant sweetened **corn-soy-milkblend.** 073709
Use of **neutralized soybean** oil soapstock for 075041
corrinoid compound from **soybean nodules.** 077727
Reaction of corn & **soybeans** to **nutrition** co- 077635
Use of neutralized **soybean oil** soapstock for 075041
of attachment of lower beans of **soy plant.** 077907
study on methods of **planting soybean** in clay 078438
of nitrohumic acid by **soybean plants.** 077785
Postemergence soybean herbicide evalutions 079566
Preemergence soybean herbicide evaluations 079565
roasted & extruder-**processed soybeans** in b- 074957
Lime & molybdenum in **soybean production** 081506
Soybeans protection against pests & diseases 079380
Pyrolysis of **soybean protein** & an amino ac- 074165
Roasted soybeans in growing & finishing die- 074902
of herbicides through soil to **soybean roots.** 077647
plant population on **soybean seed** quality. 077656
oil, protein & sugar content of **soybean seed** 077724
Effects of herbicides on **soybean seed** consti- 077769
of some enzymes from **soyabean seeds** ageing 077624
Search goes on for a **suitable soyabean.** 078269
Guide for producing no **tillage soybeans** in S 078287
chemical composition of **tow soybean** varieti- 081465
rhizome control in **soybeans** with **trifluralin.** 079518
Soybean varieties of USA as stock for breed- 077172
Yield response of **soybean varieties** grown at 078259
Performance of **soybean varieties** in Nebras- 078441
Soybeans varieties grown & seed production 078467
qualities of introduced **soybean varieties.** 078481
Response of **soybean varieties** to graded dos- 081428
composition of tow **soybean varieties.** 081465
steps aiming at increasing **soybeans yield** u- 078465

SPACING
Nursery **spacing container**-grown trees. 076351
Spatial distribution pattern of winter cherry 080359
Effect of plant **spacings, nitrogen,** phosphor- 078368
Optimum spacing & fertilizer requirement of 078366
of inter-ridge & within-ridge **plant spacing** 078339
Effect of **plant spacing** within ridge on grain 078341
Influence of **plant spacing** on yield compon- 078501
Plant spacing for onion production. 078829
Effect of **plant spacings,** nitrogen, phosphor- 081382
Row **spacing--planting** distance--size of seed 078769
Proper spacing of rice plants increases its y- 078473
Effect of **row spacing** & seeding rate on seed 078337
Spatial situation of optimum road network 076323

SPECIALIZATION
distribution of labor & **specialization.** [Agri- 072741
of different size & **specialization.** 072859
specialization of **agricultural** production. [C- 072870
to **specialization** of **agricultureal** enterprises 078286
example for **specialization & concentration** 072805
Specialization & concentration of production 072956
specialization in **Czechoslovak** agriculture. 072867
Specialization in **dairy,** fattening or rearing 074423
Specialization & economic accounting of for- 076494
Specialization in **growing** vegetables at Unif- 078874
concentration & **specialization** in **medicinal** 078882
Physiologic specialization of oat crown rust 078953
specialization of **production.** 078709
of agricultural **production specialization** und- 081709
Specialization & vertical cooperation in Hu- 072866

SPECIES
bibliography: Catalog by genus & **species.** I 076686
of rational utilization of this **species.** 076770
Thomson & Pflug, & **species** "Monocolpopol- 076802
Mexico, with descriptions of two new **species** 080485
Coelotes alpinus, new **species.** 080498
of Signiphora borinquensis, new **species,** (H- 080563
Nigeria with description of a new **species** (080570
A new **species** of **Acacia** [Crassifrugis] from 076731
of essentia l oil of some **species** of **Achillea** 077593
of deoxyribonucleic **acid species** from castor- 077858
two analogs on five **species** of **algae.** [Herbic- 079597
Z. Kaszab in Mongolia. 291. **Amara species** 080613
American species of genus Epilobium L. s.str 076622
American species of genus Agrimonia L. ser. 076671
two new **species** of North **American** Leeuwe- 080569
North **American species** of Calosota curtis 080649
Another species of Phytophthora on avocado 078935
of six trail pheromones of **ant species** Lasius 080273
Five **species** of **ant** genus Acanthomyops (H- 080561
when parasitized by two **species** of **Apanteles.** 079805
New **species** of **aphids** of Macrosiphonini gr- 080484
A new **Argentine species** of Coccygomimus 080593
II. A new genus & **species** from **Arizona.** [P- 080558
Carabidae (Coleoptera) **species** at **artificial** l- 080538
Species of **Ascomycetes** & Basidiomycetes f- 076610
deoxyribonucleic acid **species associated** with 077858
DNA content in three **species** of **Asteraceae** 076961
Living forms of **Astragalus species** of Turkm- 076716
in neural physiology of **avian species.** 2. dist- 074752
Nonsusceptibility of some **avian species** to t- 075808
New **species** of **biting** midges of genus Culic- 080587
New **species** of **biting** midges of genus Culic- 080588
H. Riedl, a new **boraginaceous species** from 076725
Szepl.), an Ethiopian **braconid species** caug- 080604
Introduction & **Brazilian species** of nosoden- 080625
Species, **subspecies, breed.** [Livestock, evolu- 074690
on British Staphylinidae. 3. **British species** 080530
soft rot diseases of headed **cabbage species.** 079127
an Ethiopian braconid **species caught** near 080604
A new **Cerambicidae species** in Hungarian f- 080598
On life cycles of **certain species** of marine d- 077472
polyphenolic compounds of **certain species** of 077579
plants of wheat infected with **certain species** 079061
Species characteristics & culture condition 078062
new species & a **subspecies** of **Cicadellidae:** 080567
Rare **Coleoptera species** (Trox cadaverinus I- 080616
A new **species** of **Colletotrichum** corda from 076708
New **species** & **combinations** in Apocynaceae 076604
preceding crops on **species composition** & p- 079235
for four Montana **coniferous species.** [Pseud- 076287
New **species** of **Corallinaceae** (calcareous al- 076808
megagemetogenesis in five **species** of **Cornus** 076893
fiber quality, & yields of two **cotton species** 077912
Descriptions of two new **species** of **Culex** (L- 080573
Karyotypes of some **cultivated species** of ge- 076907
Oncidium **species described** by Jacquin & t- 076800
of M. Lomnicki's **species, description** of a n- 080619
rigor skeletal muscles from **different species** 074590
Technique of vasectomy in **different species** 075509
Ecology & ethology of **different species** of T- 080440
of steroid-producing **Dioscorea species.** 079617
of Solanum andigenum with **diploid species** 077231
Avena [Canariensis] **species discovered** on 076638
of xanthine-oxidase in **eleven species** of ma- 074570
of germination in dormant **embryos species.** 078176
rare & **endangered species** & forms. 080534
Ethiopian species of Opius Wesm., section 080472
characteristics of **species Euphorbia** lucida 076756
of females of **European species** of Haliplidae 080464
of certain, primarily **European, species** of L- 080470
A **euschoengastia species** (Acari: Trombiculi- 080008
A new brazilian panopine **species, Exetasis** 080631
Growth & overwintering of **exotic species** u- 078220
n.subg.) calida n.sp. a new **species** of **family** 080528
of U.S.A.: These include **following species;** P- 076349
productivity of some **species** of new **forage**-si- 077953
with notes on three other **species form** Pap- 080573
Species of **fruit** in tropical America: Solana- 076672
Species of **fruit** in tropical America: Anacar- 076673
III. Distribution of **species** in **function** of bi- 080437
reference strains for **species** of **genus** Brucel- 075721
polymorphism of **species** of **genus** Gentianel- 077372
Four new **species** of **genus** Ironus Bastian, 1 079330
Species of **genus** Gyrophaena (Coleoptera: S- 080522
Three new **species** of **genus** Paralorryia (Ac- 080653
A new **species** of **genus** Nematoplus [semen- 080655
A new **species** of **genus** Apion [Tschernovi] 080656
Mauritius island. 2. Two new **species** of **gian** 076772
Introduction of selected **grass species** & var- 078423
First records of seven **species** of **ground** beet- 080506
Two new **species** of **Gymnodamaeus** from Co- 080271
growth & development of **Heracleum species** 077465
of Czechoslovak Pilosella **Hill species.** 076642
of turfgrass weevil, a **species** of **Hyperodes.** 079799
Cytological studies in a wild **indian species** 076922
New mountain **inhabiting species** in insect f- 080617
of Heracleum **species introduced** into Mosc- 077465
Far Eastern plant **species introduced** into K- 077466
A new **species** of **Ischiolepta** [Oedopoda] (D- 080615
Two new terrestrial **isopod species** from Gr- 080638
On **species** of **Ixodes** persulcatus group (Pa- 080585
New & little **known species** of tydeid mites 080583
of six trail pheromones of ant **species Lasius** 080273
On some **Leptogium species** with short mall- 076788
two more hitherto overlooked **lichen species** 076738
Some results of introduction of **lily species** 078087
Relationship of **locust species** to locustol. [080155
Two **species** of **Longidorus** from Marathwada 079349
tiglates in roots of **Mandragora species.** 077506
Infection rate of **mass species** of Muridae w- 080019
Three new **species** of **Megachilidae** from M- 080633
Four new **species** of **Miridae** (Heteroptera) 080584
on teh biology of certain **mite species** of fam- 079865
New & little known **mite species** from Fran- 080610
Mitragyna species of Asia. XXIII. alkaloids 077551
rates of some California **mosquito species.** 079977
of aquatic stages of ten **mosquito species** (D- 080039
isolation of tow tortricid **moth species** by dif- 080421
New **species** of **Neoelmis** from South Ameri- 080632
constituents of three **species** of **Norwegian** l- 077509
prospects of their use for **noxious species.** [079664
Oncidium species described by Jacquin & t- 076800
A new **species** of **Onosma** [borragoidinum] f- 076758
Newly discovered **Opiliones species:** Mitost- 080478
Revision of western **Palearctic species** of ge- 080581
A new brazilian **panopine species,** Exetasis 080631
Two **parasitic species** (Hymenopters, Halcid- 079883
of some **Phanerogamae species.** 076643
Philippine species of Nepenthes. 076678
A new **species** of **Phyllostictina** from Mahar- 076649
from atmosphere by some **Pinus species.** 076217
Competition of two **plant species** for photos- 077395
of rock phosphate by different **plant species** 077451
in some southern Far Eastern **plant species** 077466
Cation contents of some **plant species** from 076781
of Podosporae, & a new **species, Podospora** 076786
Systematics & biology of four **Polish species** 080548
Survey on **Polish species** of family Pipuncul- 080555
of surface of leaves of **principal species** of ci- 079812
Four **species** of **Protura** new to British Isles 080531
phytopathogenic **Pseudomonas species.** 079128
Two new **species** of **rare** ascomycetes from 076710
Species rare & new to flora of lower Amur. 076713
On **rare species** of Rhododendron in Caucas- 076714
Detailed description of two **rare species** of 076749
Two new **species** of **Rhizocarpon** (lichens), s- 076753

Evidence for two functional **RNA species** & 079179
Introduction of **species** of **Rosa.** 078044
caliciales. 2. Some **species** from **Roumania.** 076787
in lungs & liver of certain **ruminant species.** 074529
Anthocyanins in **Salix species:** a new antho- 078225
New **species** of **Scarabaeidae** (Coleoptera) f- 080465
for establishment of over-**seeded species** in 078403
for establishment of over-**seeded species** in h- 079502
for establishment of over-**seeded species** in 081420
features of fruits of **selected species** of genus 076967
of tryptophan synthase of **selected species** of 077566
Septoria species on cereals, important chara- 079035
as exemplified by **several species** of genus N- 076936
of productivity of **several species** of grasses 078376
Camouflage phenomenon in **several species** 080348
in various tissues of two **species** of **shrew.** 080047
description of a new **Siberian species,** & co- 080619
tenella (Pall.) DC., a new **species** of **Slovak** 076618
chemotaxonomy of three **Sophora species.** 076747
Species, subspecies, breed. [Livestock, evolu- 074690
Garden escaped **Spiraea species** & hybrids in 076623
of studies on growth of **spruce species** used 076392
On ecology of some little-**studied species** of 080162
About an unknow **sub-species** of Lathyrus la- 076777
Species, subspecies, breed. [Livestock, evolu- 074690
Description of new **species** & **subspecies** of 080546
Four new **species** & a **subspecies** of Cicadell- 080567
Oxygen toxicity in **Tribolium species.** 079924
Two new **species** of **Trichosurolaelaps** (Acar- 080571
genus Fissidens). I. **species** of **tropical** & su- 076700
Evolutive parallelism in two **twin species** of 080190
concentration in some **species** & **varieties** of 077902
in presence of carboxine of **various species** of 077319
induces auxin effects in **various species** of P- 077992
in presence of carboxine of **various species** of 079421
Spread of **Vincetoxicum species** (Asclepiada- 076629
of straw mushrooms, (**Volvariella species**) on 078870
2 New **species** of **wasps**-braconids (Hymeno- 080483
Russian-thistle (Salsola) **species** in **western** 076696
Synthesis of three-**species wheat**-rye amphid- 077201
of modern & primitive **wheat species** in rela- 077689
active substances of various **wheat species** & 079094
investigations into **wild species** of genus Beta 076685
oryzae Breda de Haan on some **wild species** 078961
of Australian **Zanthoxylum species.** VI. Fur- 076432
of new species & **subspecies** of **Zygaenidae** f- 080546

SPECIMEN

on a durable preparation of same **specimen.** 076997
A **specimen** of **Euthystira** brachyptera (Ocsk 080523

SPECTROMETRY

mass **spectrometric analyses** of "flavory" & 073877
of X-ray **fluorescence spectrometry** & chemi- 077445
gas chromatography-**mass spectrometry.** 077549
Field desorption **mass spectrometry** of pesti- 080085

SPECTROPHOTOMETRY

of atom **absorption spectrophotometry.** 073914
by micro-**spectrophotometric method.** 077618

SPECTROSCOPY

preparations by **infrared spectroscopy.** 081173
per-billion levels by **infrared spectroscopy.** 081772

SPECTRUM

sensibilis] spores. I. Action **spectrum.** 077536
Transient **absorption spectra** of chlorophyll 077311
Absorption spectra of Zamioculcas boivinii 077618
Biological spectrum of forests of Gorakhpur 078237
Measurement & **spectral characteristics** of f- 074662
radiation on **spectrum** of **chlorophyll** mutati- 077224
Action **spectrum** of **chloroplast** displacemen- 077281
A **spectral decomposition** of slaughter steer 073337
Ultraviolet **spectral determination** of lignin. 073912
Action **spectra** for C-**glucosylflavone** accumu- 077845
of frequency & **spectrum** of **mutations** in cot- 077020
Action **spectrum** of **photosynthesis** for Skele- 077482
Spectral properties & colloidal behaviour of 081090
Protein spectra of mosquitoes Culex pipiens 080203
II. Nuclear magnetic **resonance spectra** of d- 074980
Spectral sensitivity of dipteran retinula cells 080310

SPERGULARIA

Cytogenetic studies in **Spergularia:** vii crypt- 077066
Cytogenetic studies in **Spergularia:** vIII. Ba- 077067

SPERM

Bovine sperm fractionation. I. Selective deg- 075208
Stiffness of flagella of impaled **bull sperm.** 075210
alcohol dehydration of spread **insect sperm** 076926
Objective measurement of **sperm motility.** [075326
Sperm penetration of pig eggs in utero. 075282

SPERMATOPHYTA

Plants new to Senegal. [**Spermatophyta**]. 076605
number reports. XL. [**Spermatophyta**]. 076806

SPERMATOZOA

I. Observation on **boar spermatozoa.** 075298
membrane of ram, boar & **bull spermatozoa.** 075268
during **spermatogenesis** in **Ceratopteris** thali- 076942
for collecting **epididymal spermatozoa** & flu- 075280
on fertilizing capacity of **fowl spermatozoa.** 075261
Fertility of ram **spermatozoa frozen** in a tris 075196
properties of **spermatozoa** in **genital** tracts of 075407
of acrosomes of **mammalian spermatozoa.** [075271
Age features of **spermatozoa production** of b- 075347
of acrosomes of ram & **rabbit spermatozoa.** 075281
on mitochondria of **ram spermiogenesis.** 074501
of feulgen reaction of **ram spermatozoa** by d- 075265
Distribution of frozen-**thawed spermatozoa** 075262
isoenzymes in **spermatozoa, tissues** & fluids 075330

SPHAERIACEAE

discharge of **Guignardia citricarpa** Kiely. 079083

SPHAEROCERIDAE

Oedopoda] (**Diptera, Sphaeroceridae**). 080615

SPHAEROTHECA

A report of **Sphaerotheca euphorbiae** (Cast. 079020

SPHAGNUM

productivity of a **Calluna-Sphagnum** commu- 077431
of a Calluna-**Sphagnum community.** III. Dis- 077432

SPHECIDAE

Steniolia elegans (Hymenoptera: **Sphecidae**) 080270
Hymenoptera, **Sphecidae, Crabroninae**). 080520

SPHERE

Experiences on **sphere** of **cutting**-technics. 074011
Spheroid sense organs on cerci of polyphagid 080294

SPHINGIDAE

study of **Sphingidae** in **Greece** (Lepidoptera) 080542

SPICES

Possibility of **spice growing** in Alberta. 078875
Original testing of **spice plants** in Belorussia 078878
Advances in **spices research.** [India]. 078880

SPIDERS

Spiders of **Ameland.** [Araneida]. 080516
monstrosities in water **spider Argyroneta** aq- 080460
on beneficial insects & **spiders associated** wi- 079707
Discovery of **coastal spider** Desidiopsis raco- 080497
Occurrence of **false spider** mite (Brevipalpus 079868
Studies on some **spiders** of **family** Gnaphosi- 080565
Nearctic **spider genus** Pisaurina (Pisauridae) 080591
Spiders of **Hidaka** mountain range, Kokkaido 080579
Spiders from **island** of Kozu-jima. 080513
reared from theraphosid **spider, Lasiodora** k- 080631
Problems of **spider mite** control. [Tetranych- 079675
Insecticidal control of a **spider mite** in grain 079747
diapausing behaviour of red **spider mite** (Tet- 079843
on populations of european red **spider mite** 079862
Occurrence of false **spider mite** (Brevipalpus 079868
Anthocoridae) in red **spider mite** (Panonych- 079871
acaracides on fruit orchard red **spider mite** 079873
Control method of red **spider mite** Tetranyc- 079874
Carotenoid pigments of **spider mite** Tetrany- 080454
nutritional substance on **spider mites.** [Pan- 079677
for control of insects & **spider mites.** 079815
in study on plant resistance to **spider mites** 079875
Nearctic spider genus Pisaurina (Pisauridae) 080591
diapausing behaviour of **red spider** mite (Tet- 079843
L.: Heteroptera-Anthocoridae) in **red spider** 079871
of acaracides on fruit orchard **red spider** mi- 079873
Control method of **red spider** mite Tetranyc- 079874
on populations of european **red spider** mite 079862
Amino acid composition of **spider silk.** [Arn- 080281
eickstedtal reared from **theraphosid spider,** 080631
Envenomation by **spider Trachelas** tranquill- 080009
An unusual population of **spiders** in **Utah.** 080559
developmental monstrosities in **water spider** 080460

SPIN

Spinning disc distributor. 2. Influence of ap- 081441
of granular material on **spinning discs** of fer- 080881

SPINACH

reactions in isolated chloroplasts. [**Spinach**] 077407
vivo by nitroaromatic compounds. [**Spinach**] 077997
acid synthesis in chloroplasts. [**Spinach**]. 078006
data concerning plastoquinones. [**Spinach**]. 078025
content of Spinacia oleracea. [**Spinach**]. 078117
treated & sonicated chloroplasts. [**Spinach**] 078133
Fusarium [oxysporum] wilt of **spinach.** 078934
acid by disrupted **spinach chloroplasts.** 078005
triphosphatase] in **spinach chloroplasts.** 078007
lyase in green leaves. [**Spinach, wheat,** maize 077533

SPINDLE

Experimental host range of **potato spindle** t- 079148

SPINE

Cactus spines as water absorbing organs. [C- 076958
approach to fractures of **spinal column** of d- 074804
Vessels of internal organs of **spinal cord** of 074821
examination of horse. II. **Spinal cord.** 076037
Radiological features of **spinal lesions** in do- 076071

SPIRAEA

SEE ROSACEAE

SPIRILLACEAE

Immunofluorescence of **Vibrio fetus.** 075923
sensitivity. [Pseudomonas, **Vibrio, fish,** cont- 073681

SPLEEN

Blood vessels & **spleen.** [Dogs, surgery]. 075486

SPLITTING

Effect of **split-dose** irradiation on chromoso- 077203

SPODOPTERA

infested by larvae. [**Spodoptera frugiperda**] 079702
Rearing cotton **leafworm Spodoptera** littoral- 079755
against larvae of **Spodoptera littoralis** Boesd 079663
ricini F. (Arctiidae) & **Spodoptera litura** Bo- 079657

SPOILAGE

Control of **fungal spoilage** in Alphonso man- 078889

SPORES

of germination of Onoclea [sensibilis] **spores** 077536
Types of **spore bearing** of predatory helmin- 079388
insect sperm & fungal **spore chromosome** fib- 076926
contaminated with vegetative & **spore forms** 081602
of Botanical Nomenclature] & **fossil spores;** 076804
dehydrogenase in **germinated spores** of Geot- 077532
Investigations on **spore germination** of Copr- 077316
manganese deficiency on **spore germination** 077488
Fermination of **pollen spores** of Ustilago trit- 079071
Weather conditions & **spore trap** catches of 079055

SPORULATION

study of **sporulation** in **myxomycete** Stemon- 076974

SPOT

Research on bacterial **black spot** disease of 079131
from hens of a normal & a **blood-spot** strain 074716
in meat of Czechoslovak **Spotted breed** of y- 073989
of meat utility of Slovak **Spotted breed.** [Ca- 074527
Occurrence of **brown spot**-Helminthosporium 078961
tissue in meat of **Czechoslovak Spotted** bre- 073989
Research on bacterial black **spot disease** of 079131
Incidence of **spotted fever** in wood ticks of 079994
biochemistry of timothy leaf **spot fungus,** Cl- 078999
Ghost-spot, one type of symptoms of tomato 078932
Occurrence of brown **spot-Helminthosporium** 078961
fluorometric method & by **improved spot** test 073574
Proteinase activity in relation to **leaf spot** of 078960
a newly observed Cercospora **leaf spot.** [Mo- 078965
Cercospora musae Zimm. [Bananas, **leaf spot**] 078973
A new **leaf spot** of poplar incited by Alterna- 078987
biochemistry of timothy **leaf spot** fungus, Cl- 078999
Studies on Cercospora [beticola] **leaf spot** of 079000
Stop lawn **leaf spot.** [Helminthosporium]. 079063
a newly observed Cercospora **leaf spot.** [Mo- 079451
of powdery mildew & **two-spotted mite.** [Te- 078945
Studies on pear **necrotic spot.** [Virus diseas- 079155
between zinc deficiency & **pellcuid spot** of 079195
Animal depredations on **spot-seeded** yellow- 076215
to study of meat utility of **Slovak Spotted** b- 074527
in Ukrainian steppe **spotted sows.** 075353
hens of a normal & a blood-**spot strain.** 074716
Tar spot of corn. [Phyllachora maydis]. 078895
method & by improved **spot test.** 073574

SPRAY

Pasture mosquito control without **spray.** [A- 080032
matter, & in soil **beneath sprayed** trees. 080050
1973 maryland **spray calendar** for commerci- 079336
1973 maryland **spray calender** for commerci- 079335
study of fresh, heated, **spray dried,** & sonica- 074073
Application of **fungicidal sprays** in wheat. [079021
Gibberellin spray. [Pears, plant hormones] 078030
Sprays for **home** fruit plantings. 079334
How **much spray** is right amount? [Pesticid- 080940
Effects of a **spray**-on **suckercide** & a comple- 080129
Premerge as a **topical spray** in soybeans. [079442

SPRAYING

a result of **spraying** with 2,4,5-T to **control** 080118
Spraying & **spraying equipment.** 080870
Combination mowing/**spraying equipment.** 080872
plot trials for fields in **spraying experiment?** 079041
alternatives: resistant **varieties, spraying** & 079051

SPRING

Kale--direct seeding in **spring.** 078720
Using nitrogen in **spring.** 081418
On **spring aftergrowing** dates of nemoral pl- 077464
Spring application of herbicides in winter c- 079576
On breeding **spring barley** for grain quality 077183
state & prospects in breeding **spring barley** 077243
of winter & spring cereals **spring barley.** 077756
carbonate on maize, **spring barley** & pea at 077887
indices of potatoes & **spring barley** in weste- 078193
Varietal reaction of **spring barley** on sowing 078553
of different varieties of **spring barley** relative 081293
Reaction of **spring barley** varieties to applic- 081493

On **breeding spring** barley for grain quality 077183
Present state & prospects in **breeding spring** 077243
Wintering strategy for **spring calving** beef c- 075357
productivity of winter & **spring cereals** wint- 077755
of winter & spring **cereals spring** barley. 077756
seed--basis for high yields of **spring cereals.** 078552
from Triticum aestivum var. **Chinese Spring** 076934
ecology of a forest **spring complex** in Bavar- 076877
Spring fertilization of perennial forage plan- 078556
Spring flora of Mallorca Island. 076701
Vegetation & ecology of a **forest spring** com- 076877
Change in winter wheat in **spring forms.** 077177
of ammonium carbonate on **maize, spring** ba- 077887
Spring manuring of winter wheat. 081510
Spring oil plants--a good interim crop. 078351
Spring oil plants. 078410
Fighting quackgrass in **spring oil** plants. [A- 079504
apple tree bark during winter-**spring period** 078191
Spring populations of green peach aphid on 079803
applied to potato ridges in **spring** on **potato** 079237
Residues of diquat in seeds of **spring rape** af- 077944
experiments with hard **red spring** wheat, Tri- 077659
crop on overwintering & **spring regeneration** 078544
Spring seeding in field forage cropping. 078539
Important hints on **spring silage** preparation 074333
oviposition rhythm & growth of **spring tail,** 080331
Spring treatment to fight weeds in autumn 079467
winter wheat obtained from **spring varieties** 077820
of river water, groundwater & **spring water** 081596
chloride on **spring wheat.** 076985
Ways of developing breeding of **spring wheat** 077023
with a population model of **spring wheat--b-** 077061
on combining ability of **spring wheat** varieti- 077244
on growth & yield of **spring wheat** in differ- 077633
On effect of autumn frosts on **spring wheat** 077637
experiments with hard red **spring wheat,** Tri- 077659
of nitrogenous substances in **spring wheat.** 077829
of structure on yield of **spring wheat.** 077913
spacing on yield components of **spring wheat** 078501
Spring wheat on Don. 078507
Role of **Spring wheat** in intensive production 078551
prospective varieties of **spring wheat.** 078558
Culture of **spring wheat** instead of winter w- 079034
of biuret on yield & quality of **spring wheat** 081289
Applying nitrogen fertilizers to **spring wheat** 081299
of phosphorus fertilizers on **spring wheat** yi- 081411
in altering winter wheats to **spring wheats.** 077186
of apple tree bark during **winter-spring** peri- 078191

SPRINKLERS
a plantation orchard irrigated by **sprinkling** 081665
test using liquid fertilizer by **sprinkler.** I. ef- 078175
organizing operation of heavy-**duty sprinkler** 081617
hydrants for **sprinkling equipment** of statio- 080891
Effect of **sprinkler irrigation** as well as conc- 078297
Mineral fertilisation by **sprinkler irrigation** 081348
Frequent low-volume **sprinkler irrigation** of 081597
using trickle & **sprinkling irrigation** systems 081607
Effect of **sprinkler irrigation** as well as conc- 081613
Sprinkler irrigation for coffee. II. Studies on 081656
for use of rolling **sprinkler lines.** 080856
Influence of center-**pivot sprinklers** on firm 072969

SPROUT
sulfonate on Crepis capillaris seeds & **sprou-s** 077207
other factors on **sprouting** of **Lavandula** see- 078885
Growing rice with **sprouts obtained** without 078562

SPRUCE
growth after autumn planting of **spruce.** [Pi- 076384
effect of growth stimulants on **spruce.** [Picea 078211
plus enzyme chitinase, **against spruce** budw- 079901
Fight **against spruce** bark beetles. [Ips typo- 079902
Attracting spruce bark-beetle by mechanical 079900
Fight against **spruce bark** beetles. [Ips typo- 079902
to produce lethal traps for **spruce beetles.** [079888
Spruce budworm, worst enemy of our Queb- 079895
enzyme chitinase, against **spruce budworm** in 079901
Spruce budworm in Eastern United States. 079913
of antenna of male eastern **spruce budworm,** 080216
New locations of **eastern spruce,** Picea orien- 076782
histology of antenna of male **eastern spruce** 080216
New **England Spruce**-Fir Seed Orchard Pro- 076414
Cultivation of **European spruce.** [Picea]. 076372
of height provenance of **spruce & fir.** 076374
New England **Spruce-Fir** Seed Orchard Pro- 076414
Evaluation of growth of **grafted spruce** plants 076226
utilization of economically **important spruce** 076379
trial in a smoke-damaged **Norway spruce** st- 076228
correction factors for **Norway spruce** as an 076259
Height growth of **Norway spruce** stands in 076282
medium on root formation of **Norway spruce** 078213
Cultivation of **Norway spruce** (Picea abies). 078862
trial in a smoke-damaged **Norway spruce** st- 081513
New locations of eastern **spruce, Picea** orien- 076782
Evaluation of growth of grafted **spruce plants** 076226
of studies on growth of **spruce species** used 076392
in a smoke-damaged Norway **spruce stand.** 076228
Height growth of Norway **spruce stands** in 076282
Causes & extent of stem rot in **spruce stands** 078970
of economically important **spruce trees** in C- 076379
of growth rates in **white spruce.** [Picea glau- 076338
Genetics of **white spruce.** [Picea glauca]. 076403

SQUASH
Squash, diseases. 079285
sex expression & yield of **squash melon** (Cit- 078095

STABILIZATION
table fluctuations & measures for **stabilising** 081630
Effects of **stabilizers** upon **changes** taking p- 073879
Stabilizing copper mine tailing disposal be- 081548
A **stabilized drop** for unit-area sampling of i- 079637
of plan. [Milk **production stabilization**]. 073454
River stabilization at Saint-Jean Vianney. 081694
Stabilization of **road** batters & associated di- 081558
Intensification & **stabilization** of **tomato** pr- 078692
L.) incubated in **stabilized** & **unstabilized** li- 078028
Yield stabilization in lettuce production in p- 078693

STABLES
Building stable--once less expensive. 080782
Control stables for bred heifers. 074419
Securing high & **stable yields** in greenhouse 078691

STAINING
methenamine silver method for **staining aor-a** 074724
chemical control measures of **blue stain** infe- 076460
of community of fungi causing **blue stain.** 076560
to Botrytis [cinerea] brown **brown stain.** 079054
infection. 1. A rapid **diagnostic staining** met- 075805
reference to fluorescence **Giemsa staining** te- 074627
Staining of **histologic** sections of colon with 075995
permanganate in **staining** of **neurosecretory** 080431
Modern apple disease--**physiological stains.** 079407
embedding, sectioning & **staining** of **plant** m- 076996
Sequential staining of callose by aniline blue 076997
hormone-groups on **staining** of **upper** epide- 078153

STALKS
Dichotomous branching of **stalk** & **absence** of 077090
of certain corn varieties to **stalk-borer** infes- 079756
A mechanical harvester for **stalk-cut** tobacco 080971

STALLS
a contribution to bases of **calculating stall** cl- 080718
biology in designing **cattle stalls.** 080759
Sanitation of **stall construction** components 080701
Different types of **stall construction;** a price 080760
Stall environment & production of baby pigs 074470
Farrowing stalls. 080781
More efficient use of feeds in **stall housing.** 075166
Planning & construction of **stalls** for **large** s- 080707
of length of parlour in cattle **litterless stall** 080717

STAMEN
of multiple mutant sectors in **stamen hairs** of 077082
with direct gamma rays in **stamen hairs** of 077130
A note on **stamen sterility** & apocarpy in B- 076949

STAMP
How food **stamps aid** disaster victims. 073430
Automating **food stamp** redemption. 073431

STANDARDS
On **standards** of **amortization** & amortization 073117
On problem of **standards** of **amortized** dedu- 073101
Standards of **basic** production capital for rai- 073111
Nutrient **standards compete** with type A. [s- 073778
Corresponding standards of European Econ- 073675
resistant to lodging with **different standards** 077634
Exhibition standards of perfection for dairy 073590
Studies on **maturity standards** for Mangifera 077981
Standards for **mechanization** funds for potato 073112
Meat & **poultry, standards** for you. 073687

STANDS
of felling sequence of final **felling stands.** 076315
Natural regeneration of infested **fir stands.** 076394
system of nature reserves with **forest stands** 076182
Agronomic role of **forest stands** on irrigated 076216
Population dynamics of **forest stands:** an al- 076264
of direct seeded pure **grass stands** in year of 078326
zoocoenoses) in soils of **meadow stands** in c- 078498
genotypes in pure & in **mixed stands.** 077061
of trees becomming dry in **stands** of **pine** ac- 076314
volume proportion [Pinus] in **pine stands** on 076321
infested lodgepole & ponderosa **pine stands.** 079574
Insect pests of **Pinus stands** in Poland. 079908
grass/legume mixtures & their **pure stands.** 078342
Height growth of Norway **spruce stands** in 076282
Causes & extent of stem rot in **spruce stands** 078970
Frost resistance of **stands** & plus-**trees** of eu- 076371
with improvement cutting in **young stands.** 076375

STAPHYLINIDAE
Mach. (Coleoptera: **Staphylinidae**). 080505
Notes on **British Staphylinidae.** 3. British s- 080530
new in Hungary (**Coleoptera, Staphylinidae**) 080602
in Korea. 8. **Coleoptera, Staphylinidae,** Sten- 080611

STAPHYLOCOCCUS
of heifers **against Staphylococcus** mastitis. 075681
by various strains of **Staphylococcus aureus** 073640
Staphylococcal contamination of beef. 073699
differentiation of **staphylococci** from **foods.** 073567
Staphylococcal mastitis: phage types & patt- 075781

STARCHES
Food chemical studies on **starch.** 1. Effect of 074261
Enzumic mechanism of **starch biosynthesis** in 077896
possible involvement in **starch biosynthesis.** 078159
Enzymic mechanism of **starch breakdown** in 077865
calves with hydrolyzed **starch combined** with 074852
of feed for swine with low **starch content.** 074886
Yield & **starch content** of potatoes as affect- 078791
of starch during dextrinization. [**Corn starch**] 074105
on enzymatic **starch degradation** of barley 074338
properties of **starch** during **dextrinization.** [074105
Starch dynamics in some southern Far East- 077466
temperature on **enzymatic starch** degradation 074338
A comparison of **starch granules** as seen by 073910
behaviour of large wheat **starch granules.** 074208
in breeding calves with **hydrolyzed starch** c- 074852
degradation of pastes of waxy **maize starch** 074339
mechanisms in biosynthesis of **plant starch** 077572
Thiolation of **starch** & other **polysaccharides** 073810
Studies on preparation of **potato starch.** 074260
of urea on gelatinization of **potato starch.** 074261
Pore size in **potato starch.** 074303
Row fertilization of **starch potatoes.** 081401
isolated from rice **starch processing** liquors 074207
condition & future outlook of **starch-sugar** i- 073490
Studies on distribution of **starchy** & **sugary** 077378
behaviour of large **wheat starch** granules. 074208
Comparison of effect of **wheat starch** & gluc- 074763

STARLINGS
SEE BIRDS

STARVATION
melolontha under conditions of **starvation.** 080204
cats, in conditions of statition & **starvation.** 074510
cockerels during **starvation** in **first** & third 074767
physiologicsl study of **starvation** in an **insect** 080662
protein synthesis during **phosphate starvati-n** 077409

STATIONS
Soils of **station.** 081209
Lindcove Field **Station avocado** variety trials 078650
in different stock farms & **breeding stations** 073350
of Union of Forest **Experiemnt Stations** of 076189
Breeding] agricultural **experiment station.** 077141
Manfredi Agricultural **Experiment Station.** 078371
varieties at Simnic **Experimental Station.** 078188
link of experimental **production stations** for 072642
gained at first Central Bull-**Rearing Station** 075359
Bunaji cattle at Shika **Research Station** No- 075344
A report from Equine **Research Station** for 075457
Franz Theodore **Stone Station** on Lake Erie 081845
International controland **test station** for co- 075247
on basis of progeny **testing stations** of Insti- 075284
Of State Research & **Testing Station** Wiese- 080728
Trial stations for testing durability of gears 080839

STATISTICS
Arizona **agricultural statistics,** 1972. 073351
A **statistical approach** to subjective & object- 074025
A **statistical approach** to distrubution of ex- 081129
Introduction of **statistic control** of Zarnesti 076435
overlapping rate in **statistical distributions** of 080193
Application of **statistical effect** of buffering 077194
Statistical evaluation & testing irreversible 073149
Mathematical-**statistical evaluation** of results 073648
Mathematical-**statistical evaluation** methods 076252
Statistical evaluation of geobotanical & biog- 076848
1972 **Statistics** for **forest** fires. [Canada]. 076251
Forest statistics for Alabama counties. 076334
How can hog & pig **statistics help** you? 073369
North Dakota crop & **livestock statistics;** a- 073367
Marketing statistics. [Poultry]. 073175
Mathematical-statistical evaluation of results 073648
Mathematical-statistical evaluation methods 076252
application of **statistics** to **microbiological** e- 073614
How can hog & **pig statistics** help you? 073369
1971 texas **poultry statistics.** 073356
Statistical properties of precipitation patter- 081661
Statistical quality control of flax board phys- 076509
in cattle rearing: Vital **statistics relative** to 075198
February 1973: **statistical situation.** 073358
of accounting & **statistics** in **socialist** agricul- 072875
in food industry. II. **Statistical tests.** 073852
topics in cattle rearing: **Vital statistics** relat- 075198

STATOLITHS
reticulum in genesis of **Chara-statoliths.** 076971

STEAM
Aerated steam therapy for control of grassy 079341
of pine wood with **steam** under **different** pre- 076434
Steam pressurized double-disk refining--a n- 076531
Steam processed wheat & barley for use in 074098
Use of **steam** at **subatmospheric** pressure to 074074

STEEL
Site of gene action in **steel mice:** analysis of 075259

Cableways from **steel wires:** Information for 076193

STEERS
SEE CATTLE

STEM
of amino acids in intact **apple stem** tissue. 078099
Presence of bean **ashy stem** blight (Macrop- 078891
chilonis Munakata on rice **stem borer,** Chilo 079721
Wood anatomy of **stem, branches** & roots of 076962
to powdery mildew, **stem, brown** & stripe ru- 079064
of mitochondria in etiolated pea **stem cells** 076960
Citrus stem-pitting virus diseases at Bunso, 079169
roots & embryos in leaf & **stem cultures** of 078100
Epidemiology & prevention of **Diplodia stem-** 078890
of mineral fertilizers on **stem eelworm** Dity- 079233
of different forms of **stem eelworms.** III. Cr- 079363
prevention of Diplodia **stem-end** rot of ripe 078890
Size of **stems** in **estimating** time consumpti- 076296
in doleacetic acid in light **grown stems.** [Ki- 078094
L.) assortment to powdery **mildew, stem,** br- 079064
Fine structure analyses of **stem nematode**-in- 079308
of mitochondria in etiolated **pea stem** cells 076960
Citrus **stem-pitting** virus diseases at Bunso, 079169
Apanteles chilonis Munakata on **rice stem** 079721
Causes & extent of **stem rot** in spruce stands 078970
Rhizoctonia [salani] **stem rot** of Crossandra. 079015
of Macrophomina [phaseoli] **stem rot** of jute 079084
influence in specific wheat **stem rust** resista- 078948
of alkaloids in culture of **stem tissue** of Rau- 077576
of amino acids in intact apple **stem tissue.** 078099
Cytoplasmic influence in specific **wheat stem** 078948

STEMONITIS
of sporulation in **myxomycete Stemonitis** vi- 076974

STENINAE
Contribution to study of **Steninae).** 080611

STENOSIS
Stenosis of **naso**-lacrimal duct in horse. 075860
Surgical approach to a **tricuspid stenosis.** [075563

STENOTAPHRUM
grass. [Paspalum **notatum, Stenotaphrum** se- 078894

STEPPES
plant ecology of "lousseke" **steppes** of "bat- 076814
breed) crosses between Red **Steppe cows** & 075413
spring barley in western **forest-steppe** region 078193
of Betula forests of birch-grove **forest-steppe** 078199
irrigated pastures in northern **forest-steppe** 078583
Chernozem soil of Ukrainian **forest-steppe** 081294
New land of **Golodnaia Steppe.** 072738
soils in south-west of **Golodnaya Steppe.** 081561
for fine-fiber cotton in **Karshi Steppe.** 081295
in Chernozem soils of Volga **steppe region.** 081305
Fertilizers for cotton in **Shirvan Steppes.** 081407
agriculture in **steppes** of **southern** Urals. [Ti- 081581
characters in Ukrainian **steppe spotted** sows 075353
for green feed in dry trans-**Volga steppes.** 078584

STEREOSPECIFIC
Leguminosae). A **stereospecific** synthesis of 076431

STERIC
Steric course of tyrosine ammonia-lyase rea- 077848

STERILITY
Fruiting on **sterile agar** & cultivation of str- 078870
level of backcrossing of **sterile counterparts** 077200
Sterility in **cows** & insemination after calvi- 075396
world collection in crosses with **sterile forms** 077088
Texas]-type cytoplasmic male **sterile lines** of 077250
socialistic countries in **male sterility** resear- 077044
Sterile-male technique & its role in integrat- 079628
A report on survey of **sterility mosaic** disea- 079185
pea (Cajanus cajan L.) to **sterility mosaic** di- 079728
of sanitation, insecticides, & **sterile moth** re- 079804
Sex ratio distortion & **semi-sterility** in prog- 080264
A note on **stamen sterility** & apocarpy in B- 076949
Stereocaulon sterile (Sav.) M. Lamb & Ster- 076738
Sex-linked **translocations, semisterility** & li- 079985

STERILIZATION
Partially **sterilized adult** pink bollworms: re- 079701
Sterilization of **overwintering** adults of cere- 079757

STEROID
fatty acids & **steroids** by **alcohol** dehydroge- 074557
Use of **steroid anaesthetic** CT 1341 in birds. 075567
Transformations of **steroid hydrocarbons** dur- 074246
of prepartum of neonatal **steroid injections** 075209
dehydrocorticosteroids to **steroidal** 20-**oxo**-2 074669
in new plantings of **steroid-producing** Diosc- 079617

STEROL
Zanthoria parietina: evidence for two **sterol** 077502
Sterol content of Spinacia oleracea. [Spina- 078117
metabolism. 5. Role of **sterol contents** of s- 077483
Biosynthesis of **sterol glycosides** in cell-free 077269
Major sterols of Achlya bisexualis. 077501
for separation of **sterols** from **ornage** vesicles 074285

STETHORUS
urticae, natural **control, Stethorus].** 079824

STIGMA
of Ustilago tritici on **stigmas** of **flowers** of w- 079071

STILBESTROL
SEE DIETHYLSTILBESTROL

STILLBIRTHS
SEE BIRTH

STIMULATION
Stimulation of [3H] uridine incorporation i- 074544
factors & hormonal **stimulation affecting** we- 075251
for using antibiotics & **biological stimulators** 075151
behaviour elicited by **electrical stimulation** of 075038
Rumen **stimulatory factor** research--current 074916
Structure of water-soluble **feeding stimulant** 078226
hormone] & FSH [**follicle stimulating** horm- 074620
of ovine FSH.[**follicle-stimulating** hormone] 074644
or porcine FSH. [**Follicle stimulating** horm- 075275
reaction to **gonadotropic stimulation.** 075226
for antibiotics & other **growth stimulants** in 074612
Feed additives that **stimulate growth.** [Swine 075101
Stimulation of **growth** in Ocimum kilimands- 077344
concerning effect of **growth stimulants** on sp- 078211
Genetic factors & **hormonal stimulation** affe- 075251
FSH [follicle **stimulating hormone**]-releasing 074620
of ovine FSH.[follicle-**stimulating** hormone] 074644
porcine FSH. [Follicle **stimulating hormone** 075275
visual cortex: short-term, **stimulus-induced** c- 074791
Does vagal **stimulation liberate** secretin and 074609
Stress & in vitro **lymphocyte stimulation** by 074581
a naturally occurring **oviposition stimulant** f- 080322
Rumen stimulatory factor research--current 074916
influence of pressure & **temperature stimuli** 074459
Kitten visual cortex: short-**term, stimulus**-in- 074791
Does **vagal stimulation** liberate secretin and 074609
affected by translocated **wound stimuli.** 4. C- 079193

STOCHASTIC
Stochastic reservoir management & system 081741

STOCK
Matching grass to **stock.** [Cattle, sheep]. 074907
with dairy cattle from gene **bank stocks.** 075366
varieties of USA as **stock** for **breeding.** 077172
reproduction of plant **breeding stock.** [Wheat 077182
frost resistance of wheat **breeding stock.** 077950
Prevailing results of **stocks** of **Charolais** bul- 075381
grandis] planting **stock--combining** container- 076404
Calf drop in **different stock** farms & breeding 073350
Growth response of **stocks** with **different** gr- 074715
future book supervision of **forest stock** in co- 076313
Stocks for **grafting** plum trees. 078784
construction of stalls for **large stocks.** 080707
Taking **stock** of **Mediterranean** policies of 073526
On some features of **planting stock** of Poten- 078433
Certified Sebego **seed stocks** & seed-piece tr- 078900
infectious disease in German **sheep stocks.** 075868
Waterfowl production on **stock-watering** po- 074414

STOMACH
Stomach. [Dogs, surgery]. 075485
of forestomachs & **stomach** in **cattle.** 074762
genitalia without loss of **stomach contents** f- 080234
sulfate through **stomach** & **duodenum** of dogs 075451
findings on **stomach** & **duodenum** of horse p- 075761
Stomach worm disease of horse caused by 075759
Stomach worm disease of horse caused by 075760
Treatment of **stomach worm** infection of gra- 075867

STOMATA
Density of **stomata** in **leaves** of different eco- 076927

STOMOXYS
feces of flies & fleas. **[Stomoxys calcitrans,** 079943

STONES
peaches, plums, cherries & other **stone fruits** 078971
Franz Theodore **Stone Station** on Lake Erie 081845

STORAGE
temperature on egg quality during **storage.** 073683
B content of baby foods: effect of **storage.** 073761
phase & its interactions with foods. **[Storage]** 073844
chickens after packaging, freezing & **storing** 074075
Avoid grain losses in **storage.** 074196
for testing humidity of grain in **storage.** 074228
relative humidity & air velocity. **[Storage].** 074253
treated barley seeds during **storage.** 077208
injury on behaviour of apples during **storage** 073616
on fruits composition & **storage abiltiy.** 078174
Evaluation of pesticides **against stored** prod- 079935
Storing autumn rye by soaking it in Neo-Vo- 074213
substitute for unavailable **storage capacity.** 073266
Storage capacity for stored fruit in Netherl- 074258
Possibilities of reducing **storing capacity** re- 081332
Experience & results of **carrot storage** during 074271
Influence of drying & **storage** on **changes** of 073895
Effect of **storage** upon **chemical,** physical & 074077
for deterioration of wood **chips stored** in out- 076526
Results of **cold storage** of meat & sausages. 073995
for improovement of a big sized **cold storage** 074302
interaction in mitochondria from **cold-stored** 079367
Recommended project of a **cold storage** for 080729
catfish: effects of pond **condition, storage,** & 073845
Storage conditions required by onions. 074272
Pre-incubation **storage contidions** & their ef- 074725
Nitrogen content of grapes in **cool storage** e- 074312
Effect of cutting & **storage dates** of pine sa- 076560
Effect of **storage dates** & other factors on s- 078885
Effect of cutting & **storage dates** of pine sa- 079100
in forested condition with **storage-duration** i- 081692
Efficient storage--an important factor for co- 074269
Effluent storage & disposal from intensive p- 081859
content of grapes in cool **storage especially** 074312
based on results of **storage experiments.** [A- 078638
of grain preservation in **storage facilities.** 074183
Planning for outside bunks? **[Feed storage]** 080733
Effect of **field storage** & handling on seed & 074240
on tulip bulbs of warm **storage following** low 078055
Storage capacity for **stored fruit** in Netherl- 074258
disappearance of green color in **stored fruit** 074300
Conversion of old buildings for **fruit storage** 080730
Separate inclusion & **storage** of **German** qua- 074120
maintenance can be costly. **[Grain storage** s- 080731
Storage hall for loose commercial fertilizers 080708
Storage & **handling** of commercial fertilizers 081498
Storage of **high** moisture grain sorghum (So- 074083
flower seeds plus seed-**storage hints.** 078043
Storing & **homogenizing** liquid manure with 081334
Pre-**incubation storage** contidions & their ef- 074725
More profit from **store lambs.** Guide lines f- 073344
on harvesting, transport & **storage** of **mango** 074248
Storage of **mango** fruits. 074249
on harvesting, transport & **storage** of **mango** 078596
Bacterial rot of **stored mangoes.** 079115
Tenebroides **mauritanicus, Storage** pests]. 079933
Mead-storage & aging. 073850
Storing meat in your refrigerator. [Contami- 073651
Standardisation of **meat storage** & meat pro- 074013
Annotated bibliography on **storage** of **onions** 074259
Effect of **storage** on **peeling** quality & flavor 074076
to phosphine. [Wheat, **storage pests].** 079928
Tenebroides mauritanicus, **Storage pests].** 079933
infection & crack formation in **stored pine** 076460
Storage of **potatoes.** 074306
for separation & **storage** of **potatoes** for con- 080715
chemical treatment to **preserve stored** wood 076539
of pesticides against **stored product** mites. [079935
Population dynamics of **stored-product** mites 079937
of medicinal herbs on **stored products** mites 079942
of Acorus calamus when dried & **stored raw.** 077308
Possibilities of **reducing storing** capacity re- 081332
waters & sediments from **storage reservoirs.** 081865
Rough **rice storage.** 074137
Quality & **storage** of **Richard** Delicious appl- 074250
to increase production of **storage sausage.** 074028
from results of 1971/72 **storage season.** [Fru- 074270
storage during 1971/72 **storage season.** 074271
germinating flower seeds plus **seed-storage** h- 078043
storage temperature on **storage stability** of 074071
can be costly. [Grain **storage structures].** 080731
Successful storage of headed cabbage. 074273
of bookkeeping. [Farm **supply stores].** 072892
Influence of **storage temperature** on quality 074036
Effect of dietary fat & **storage temperature** 074071
mays L.) pollen. VIII. **Storage temperature** 077879
Effect of **storage temperatures** on quality of 073955
Long-**term storage** of grass seeds. 074110
Methods of **timber storage** for control of in- 079897
in mitochondria from cold-**stored tissue.** 079367
a partial substitute for **unavailable storage** c- 073266
after long periods of **uncontrolled storage.** 077773
of nematodes of **stored vegetables.** 079231
Effects on tulip bulbs of **warm storage** follo- 078055
Technique & costs of **wet storage** of round t- 076461
in properties of watered & **wet-stored** windf- 076462
granarius to phosphine. **[Wheat, storage** pes- 079928
of watered & **wet-stored windfallen** pine wo- 076462
chemical treatment to preserve **stored wood** 076539

STORMS
of pine wood trunks from **storm attack** of 1 076457
Storm damage. [Forests]. 076203
in forest area affected by **storm damage.** 076464
13 november 1972 **storm disaster** in Nether- 076202
Logging storm thrown pole woods--handling 076465
windfall trees caused by **storm** on **November** 076258
Results of preservation of **storm thrown** tim- 076456

STRAIN
by cells of highand low-**activity strains** of n- 081143
East **African strains** of cowpea aphid-borne 079151
in female mice of **strains** of **Aspergillus** niger 075776
of Mycobacterium **avium strains** isolated in 075747
with Newcastle disease virus **strains Bl** & La 075656
Induced mutagenesis in **strains** of **Chlorella** 077089
Susceptibility of Escherichia **coli strains** to 075797
DNA on an arginine-**dependent strain** of As- 077221

Heterozygous **diploid strains** of Aspergillus 077137
Serological typing of **strains** of **Escherichia** 075972
DDK & C57BL/6J **strains** & **experimental** t- 075276
failure of herpesvirus of turkeys (**strain FC** 075624
Brefeldin A from a **strain** of **Fungi** Imperfec- 077449
of malic enzyme in Euglena **gracilis strain** Z 077443
comparison to a prototrophic **haploid strain** 077137
of Mycobacterium avium **strains isolated** in 075747
of Brugia pahangi in **laboratory strains** of A- 080005
Line cross test with **light strains.** [Poultry] 075202
by different routes with a B1 **strain** of **live** 075916
History of **local strains** of timothy in Hokk- 077131
of dimethoate resistance in **Mackay strain** of 079950
vitro studies with T1 **strain** of **Mycoplasma** 075831
Designation of **neotype strains** & of biotype 075721
pathogenic power of a **strain** of **Pasteurella** 075579
Production of self-**pollinating strains** in self- 077211
chilli mosaic virus, a **strain** of **potato** virus Y 079186
irradiation in a nisin-**producing strain** of Str- 073938
strains & of biotype **reference strains** for sp- 075721
of new rye varieties & **strains** with **regard** to 077252
Obtaining in vitro **strains resistant** to beno- 078973
in media on **strains** of **Rhizobium** meliloti. 077813
Erysipelothrix **rhusiopathiae strain** 7, a cau- 075871
fermentation measures of **several strains** of 077406
hens of a normal & a blood-**spot strain.** 074716
Comparisons among **strains** of **tobacco** culti- 078478
Immunological reactions to **vaccine strains** of 075929
of rye & winter wheat **varieties, strains** & li- 078984
enterotoxin production by **various strains** of 073640
with Newcastle disease **virus strains** Bl & La 075656
of tomato bushy stunt **virus strains** in plant 079173
Obtaining in **vitro strains** resistant to beno- 078973
Strains of **yeast** lethal to brewery yeasts. 073861

STRAND

Contractile properties of slime **mold strand.** 077277
mesophyll cells & bundle **sheath strands** of 077354
Ribonuclease activities of **single-strand**-speci- 077380

STRANGALIA

in Hungarian fauna [**Strangalia arcuata**]. 080598

STRATEGY

Impact of new **agricultural strategy** on farm 072990
growth: trends, **comparisons, strategy.** 072939
Distribution strategy & cost analysis. [Food 073256
Growth **focii strategy:** its application to sou- 073539
Jamaica's **strategy** for **import** substitution of 073245
Politics & **strategy** in **irrigation** matters. 073495
Marketing strategy & sugar industry. 073305
Wintering strategy for spring calving beef c- 075357

STRATIFICATION

of abscisic acid on **stratification** of **apple** se- 077969
various methods of **stratification** of **grafts.** [078810
pollen analyses of a **stratified grassland** soil 076697
Efficiency of **stratification** in **livestock** surve- 073365
on nitrate & salt of underlying **soil strata.** 081813

STRAW

Fertilization with **straw.** 081432
On possibility of using rice **straw, bagasse** & 073819
Volvariella species) on padi **straw, banana** l- 078870
Use of E 280 in **straw collection:** Experience 080857
fabrics properties based on **straw, fibre** & y- 074194
addition of nutrients in retting of **flax straw** 074189
yarn & fabrics manufactured from **flax straw** 074192
of endless circulation. [**Flax straw**]. 074195
Feeding **grass straw** to wintering beef cows. 075029
Possibilities of using pulps of **rice straw** & 073820

STRAWBERRIES

Growth & development of **strawberry** from 077990
wintering of inflorescence of **strawberries.** 078088
goes into better berry yields?[**Strawberries**] 078625
Nitrate toxicity in **strawberries.** 079328
New pests & diseases of **strawberries.** 079333
Weed control in **strawberries.** 079461
Tetranychus urticae on **strawberries.** 079763
Mechanical harvesting of **strawberries;** resul- 080974
Strawberry barrel. [Cultivation]. 078858
Why can't we have a **strawberry crop** after 078839
to study of **strawberry cultivation** method. 078744
How to be an up-to-**date strawberry** produc- 078848
parsnip, onion & **strawberry eelworms.** [Dit- 079363
phenolic compounds of **strawberry foliage.** 079876
Growing strawberries in Spain. 078838
Growing strawberries in Spain. 2. 078842
Strawberry insects: how to control them. 079857
1973 **Strawberry pest** control. 079216
element applications on **strawberry plant** & 081518
constituents of **strawberry** & **raspberry** & th- 073585
Strawberry shapes up. [Breeding] agricultur- 077141
on viroses of **strawberries** in **southern** Spain 079152
Suitable strawberry varieties for Marmara 078871

STREAM

of Sumiliidae (Diptera) from **Bere stream,** 080532
in absence of **cytoplasmic streaming.** [Oats, 077881
Diatoms of **streams** of **eastern** Connecticut. 076645
utilizing waste heat from **stream electric** pl- 080740
Effects on behavior of **streams** of **granular** 080881
of nitrate concentrations in **Illinois streams.** 081800
aequalis banks, in an acid **mine stream.** 080173
Limnephilidae) in a **mountain stream.** 080411
structure in a Great **Plains stream** receiving 081877
Removing iron from **stream water.** 081619

STREAMBANKS

properties to **streambank stability.** 081721

STREBLIDAE

on Nycteribiidae & **Streblidae** from **Thrace** 080582

STREPSIPTERA

Strepsiptera from **Senckenberg** Museum. II. 080636

STREPTOCOCCUS

to presence of **Streptococcus faecalis** on ha- 073656
nisin-producing strain of **Streptococcus lactis.** 073938
growth of **Enterococci** in **pasteurized** meat p- 073686

STREPTOMYCETACEAE

var. radicula Pers.). [**Streptomyces scabies**] 079033
potato common scab (**Streptomyces scabies**) 079136

STRESS

raised from standarized eggs to **stress.** 074801
Stress & adrenocortical activity in piglets. 076104
Grading of lumber & its **allowable stress.** 076472
Effect of atmospheric **ammonia stress** on Le- 074387
High water use efficiency & SDI. [**Stress d-y** 081703
Effect of **heat stress** on milk production of 074600
grown at two soil moisture **stress levels.** 078259
Stress metabolism. V. Abscisic acid & nitro- 077690
Effect of plant **moisture stress** on carbohydr- 077775
Plant adjustment to **osmotic stress** in balan- 078020
Water **stress relations** of potato plant under 077985
cortisol levels in sheep to **various stresses** & 074551
Stress & in **vitro** lymphocyte stimulation by 074581
Effect of **water stress** on: II. Agronomical c- 077421

STRIGA

for resistance to witchweed (**Striga asiatica** 079475

STRIP

Strip-cropping's effect on beneficial insects 079707
DDVP), especially in **resin strips.** 080131
use of dichlorvos, especially in **resin strips.** 080132

STROBOSCOPY

Cats reared in **stroboscopic illumination:** eff- 074693

STROMA

Protein crystalloids in **stroma** of **bean** plast- 078154

STRONGYLIDAE

large infective doses of **Nematodirus battus** 075711
Effect of large doses of **Nematodirus battus** 075712
of infective larvae of **Nematodirus battus** in 075713
monospecific infection of **Strongylus vulgaris** 075913

STRONGYLOIDIDAE

larvae of **Strongyloides papillosus.** 075588
Effect of **Strongyloides ransomi**-infection on 075983

STRONTIUM

Distribution of 90Sr[**strontium**] & 137Cs[ce- 073589
of calcium & **strontium absorption** in small 074611
Content of **strontium & calcium** in foodstuffs 073701
distribution of **strontium** 90, **calcium,** cesium 077294
calcium & **strontium concentrations** in range 074652
A simple model of **strontium & manganese** 078214

STRUCTURE

groups representation & **structure according** 076182
Economic basis for **acreage structure.** 072744
Structure of new **agricutural** tax. 073061
Fine **structure analyses** of stem nematode-in- 079308
Anatomic structure, hydration of tomato lea- 076959
Anatomic structure of melon seeds. 076984
Change in **anatomic structure** of Salix trunk 076999
Anatomic structure, hydration of tomato lea- 078091
in Poland. II. analysis **antigenic structure** of 075747
radar sensing: **atmospheric structure** & insec- 079668
XXIX. On **structure** of **avenacins.** [Oats]. 077923
On layer variability of **axial structure** of sh- 077000
Structural biochemistry. XII. Synthesis of t- 079160
Botanical structure of sown grassland. I. On 078400
Structure of **bovine** respiratory syncytial vir- 075639
Land appreciation & **capital structure** of fa- 072777
a pooled reformulaton of **capital structure** of 073138
Structural carbohydrates in arundinoid genus 077851
arrangement of size & **structure** of **cereal** pr- 072811
Structural change in turkey hen fattening. 075126
Rapid water uptake & **structural changes** in 077895
Changing structure & organization of agricu- 073132
in study of plant **community structure.** 076868
Nematode **community structure** in forest wo- 079320
macroinvertebrate **community structure** in a 081877
cell walls. IV. A **structural comparison** of w- 076963
A **structural comparison** of cyst & germ tube 076973
Structural composition of Chernozem soils of 081254
Optimation of **conduction structure** & water 081658
Departmental structure of farm management 072861
occurrence & fine **structural details** of schiz- 080218
farm structures under **different structural** & 072785
Isolation & **structural elucidation** of liatrin, 077440
XVIII. Isolation & **structure elucidation** of 077446
Long road towards reform of **farm structures** 072768
of social economic **farm structures** under dif- 072785
tendencies of agricultural **farm structure:** Pr- 073385
Fine structure of hepatic sinusoidal wall. [L- 074680
Fine structure of developing merosporangia 076899
Fine structure of Psiocybe quebecensis. 076955
Fine structure of chloroplast membranes of 076975
Fine structure of intercalary meristem cells 077005
Fine structure analyses of stem nematode-in- 079308
Intranuclear occurrence & **fine structural** de- 080218
Periplaneta americana L. 2. **Fine structure.** 080303
Fine structure of lightand dark-adapted eyes 080352
Fine structure of abdominal neural fat-body 080353
Foliage structure, a modifying agent of micr- 076825
Structure-function relationships in foot-& m- 075596
Aspects on **structure** & **function** of phytotox- 076766
Structure & **function** of rectal pads in Blatt- 080351
Structure & **function** of dorsal abdominal gl- 080410
Herbage structure of agrophytecenosis of cu- 076875
hernandifolia. V. **Structure** of **hernandolinol** 077388
Histological structure of ovaries of pregnant 074812
Equipping of **horticultural structures.** 3. Ins- 080724
Anatomic **structure, hydration** of tomato lea- 076959
distribution & **hydrological structure** in Tu- 076863
Isolation, structure, & absolute configuration 080368
Development of **landed structures:** Balance 072762
odulus of elasticity of **structural lumber.** 076570
Competive oligopolistic **market structure** in 073242
Changes in form & **structure** of **metacarpal** 074760
Structure of **metathoracic** scent gland system 080413
Structures of some of **minor** alkaloids of Ce- 077441
oxidase activity & **mitochondrial structures** 077768
Morphological structure of muscle longissi- 074777
Structure of **nandazurine,** from Nandina do- 078026
Structural organization of California retail f- 080814
of alternative **organizational structures,** New 072968
A proposed national **organizational structure** 081724
about origin of **structures** of **orientation** in s- 081048
manganese nutrition on **structure** of **peel** of 078071
Morphology & genesis of "**pipe structure**" in 081099
Structure of **plant** cell walls. IV. A structur- 076963
differentiation of various **plant structures.** [077692
Definition & scope of **structural policies** in 073388
Isolation of **structural polypeptides** of foot- 075957
Capital return & **structure** of **primary** capital 073019
Primary structure of kappaB bovine caesine: 074604
Structure, properties & functions of carboh- 074111
Study of **structure** & **properties** of urea for- 076451
Studies on **structure** & **properties** of import- 076520
Structure & **properties** of a new white muta- 076970
Synthetic proof of **structure** of a **proposed** c- 080436
Structure of **pulmonary** vascular system in s- 074507
Partial **purification, structure** & infectivity of 079204
tensile strength & annual **ring structure** of " 078246
Some features of **structure** of **root** systems of 076953
Structure of **rural** economies. [Louisiana]. 072760
Structure-saving plantbed preparation for p- 081535
Isolation & **structure** of **sex**-pheromone of 080323
Formation of **shoot structure** of Syringa vul- 076947
size on wheat growth. [**Soil structure**]. 077753
Representation of **structure** of **soil** cover & i- 081078
size on wheat growth. [**Soil structure**]. 081103
Effects of crops & grass on **soil structure.** 081157
Livestock management & **soil structure.** [Gr- 081158
Soil structure: its effect on crop yield. 081159
can be costly. [Grain **storage structures**]. 080731
of disulfide bonds & **subunit structure.** 080665
Some recent data on **structure, synthesis** & 074620
Changes in **structure** of **triglycerides** from 077823
with enterprises **vertical structural** within 076309
Structure of **water**-soluble feeding stimulant 078226
control & preservation of **wooden structures** 076568
on homogenity & **structure** in **xerothermic** g- 076820
growth on some indices of **structure** on **yield** 077913
culture measures on yield & **yield structure.** 078297
on lodging resistance, yield & **yield structure.** 078298
plant density, yield & **structure** of **yield** co- 078466
culture measures on yield & **yield structure.** 081613

STRYCHNOS

XI. Alkaloids from **Strychnos usambarensis** 077317
of harmane from **Strychnos usambarensis** Gi- 077524
new alkaloid from **Strychnos usambarensis.** 077552

STUDENTS

Students come **first** at St. Olaf. [Minnesota, 073779

STUMP

H. [diameter breast high] to **stump diameter** 076287

STUNT

Ultrastructure of tomato **bushy stunt** virus s- 079173

STYLETS

Aphid stylet transmission of poly-1-ornithine 079207

STYLOSANTHES
on seed formation of **Stylosanthes humilis.** 077343

SUBCELLULAR
SEE CELLS

SUBCUTANEOUS
Subcutaneous abscess associated with an un- 075630
of tetramisole by **subcutaneous** way in **dog** f- 075582

SUBFAMILY
SEE FAMILY

SUBFOSSIL
SEE FOSSILS

SUBHUMID
SEE HUMIDITY

SUBLETHAL
SEE LETHAL

SUBLUXATION
SEE DISLOCATION

SUBMERGENCE
only known permanently **submerged marine** 076739
Parathion degradation in **submerged rice** soi- 080096
of desiccation & **submergence** on **viability** of 079478

SUBSIDY
program & farmer. [**Cotton, subsidies**]. 073548
Tax subsidies for orchard development: who 073137

SUBSTITUTION
from some N6-**substituted adenosines.** [Acer 077496
Effect of 2-**substituted benzimidazoles** on fu- 078995
On **substituting grass** meal concentrates in 075160
Jamaica's strategy for **import substitution** of 073245
interference in telo-**substituted interchange** 077048
Substitution of **labour** force by active funds 073411
of young cattle fed with **milk substitute** "M- 074704
Value of a **milk substitute** without dried sk- 075080
More extensive use of whole **milk substitutes.** 075172
Futures market--a **partial substitute** for una- 073266
II. **Substituted phenylthioureas,** including fi- 073684
On studies of **substitution** of **protein** fraction 077703

SUBSTRATE
Substrate adsorption in soil phosphatase act- 081003
general substrates & on **different substrates** 074045
of grape grafts in a **hydroponic substrate.** [078807
lipase: activity against **lipid substrates** in ab- 073929
peat & milled bark as **substrate** for **Pinus** sy- 076389
Raising grape seedlings in **sandy substrate.** 078802
On physiological activity of **sandy substrates.** 078804
system in a fine-grained **sandy substrate.** [G- 078805
On choosing a **substrate** for **soil**-free culture 078803
Substrate specificity of glycogen synthase p- 074558
parva harvested in **various substrates.** 075710

SUBSURFACE
SEE SURFACE

SUBTERRANEAN
Botanical composition of **subterranean clover-** 074857
Subterranean part morphological characteri- 076890

SUBTROPICAL
University for work in tropics & **subtropics.** 072680
of tropical & **subtropical** South **America.** 076700

SUBZERO
SEE COLD

SUCCINIC
Effect of **succinic acid** on amount of nitroge- 077829

SUCKERS
Effects of contact & systemic **sucker control** 077924
Effects of leaf numbers & **sucker control** & 078541
Origin & development of aspen **root suckers** 076916

SUCKING
Sard. in connection with **sucking insects.** 078920

SUCKLING
for handling dairy & **suckler cows.** 080998
of hypoferrid anaemia in **suckling** p-glets by 076034
Effects of **lactation, suckling** & oxytocin on 075277
production by shortening **suckling periods.** 074467
prophylaxis of anaemia in **suckling piglets** by 076035

SUCROSE
Biological effects of **sucrose acetale** isobutyr- 073637
Level & distribution pattern of **fatex sucrose** 077487
Sucrose mobilizing effect of auxins in Hevea 077489
De novo synthesis of **sucrose** 6-**phosphate** s- 077865
Role of **sucrose & sucrose** sybthetase in Hel- 078158

SUGAR
On composition & amount of **sugars & amino** 077939
data concerning use of **sugar** in **animal** nutri- 075077
seedling development of **barley, sugar** beets, 077661
manufacture of KS-6 **sugar beet** harvester & 072808
Results of manual labor-saving **sugar beet** cu- 072876
Harvesting transports of **sugar beet** leaves [073007
Concepts of quality for **sugar beet** & sugarc- 073265
Variety & seed policy of Dutch **sugar beet** i- 074087
How to preserve **sugar beet** pulp? 074155
of alpha-nitrogen in **sugar beet** & in diffusion 074175
run optimal processing period of **beet sugar** 074245
regarding incorporation of **sugar beet** & pro- 075108
on how to include sugar beet & **sugar-beet** by 075110
Embryological investigations on **sugar beet** 077097
Sugar beet breeding in a new phase. [USSR 077123
of amino acids on productivity of **sugar beet** 077166
strains in self-incompatible **sugar beet** plants 077211
its application to a **sugar beet** field. 077640
phenolic substances in leaves of **sugar beet.** 077700
potassium content of corn & **sugar beet** with 077712
of pre-planting enrichment of **sugar beet** see- 077797
adenosine triphosphatase from **sugar beet** r- 077837
hydrazide on water conditions of **sugar beet** 077935
Sugar beet trials at two locations in eastern 078356
progressive cultivation methods of **sugar beet** 078417
Varietal tests with **sugar beet** seed in year 078418
1972 **sugar beet** harvest. 078530
Technology in production of **sugar beet** abro- 078554
in between-lines distance in **sugar beet.** 078555
Sugar beet cultivation in England today. 078585
Planning of comparative trials of **sugar beet** 078630
present & long-term problems of **sugar beet** 078786
Cercospora [beticola] leaf spot of **sugar beet** 079000
Pre-planting **sugar beet** seed treatment with 079001
Control of **sugar beet** weeds with chemicals. 079426
control of pests & diseases in **sugar beet** cr- 079739
Prospects in technology of **sugar-beet** harve- 080815
manufacture of KS-6 **sugar beet** harvester & 080818
Sugar-beet growing & harvesting machinery 080822
Harvesting transports of **sugar beet** leaves [080823
Tractors for **sugar beet** harvesting. 080924
Research in **sugar beet** harvesting. 080960
System in soil management for **sugar beet** f- 081577
Irrigation of **sugar beet** in Danube region ac- 081710
of sugar beet & processed **sugar beet** into st- 075108
of raw juice purification. [**Sugar beets**]. 074173
New ways of utilization of **sugar beets** in la- 074343
on microspore genesis in **sugar beets.** 076889
seedling development of barley, **sugar beets,** 077661
studies of heterosis in **sugar beets.** 077743
by growing environments in **sugar beets.** 077796
temperature on germination of **sugar-beets** 077915
with irrigation regime of crops. [**Sugar beets**] 077945
of plant tissues water potential. [**Sugar beets**] 077946
soils for higher cereal yields. [**Sugar beets**]. 078310
Yield performance of **sugar beets.** 078429
area of nutrition for plants. [**Sugar beets,** s- 078519
30 Years of cultivating **sugar beets** in Swed- 078528
Variety trials with **sugar beets.** 078529
Aphanomyces cochlioides. [**Sugar beets,** fun- 079114
of yellowing virosis disease of **sugar beets.** 079170
Yellow wilt in **sugar beets.** 079198
battle with diseases. [**Sugar beets**]. 079247
Manganese: vital trace element. [**Sugar beets,** 079251
of heterodera schachtii. [**Sugar beets,** nemat- 079317
Pests & diseases in culture of **sugar beets.** 079338
selectivity of preparations on **sugar beets** & 079414
with NC 8438 applications on **sugar beets.** 079477
weediness of crops & yield of **sugar beets.** 079494
metabolism of pyrazon in **sugar beets.** 079612
with phosphorus requirement of **sugar beets.** 081492
Liquid nitrogen for **sugar beets?** 081502
Sugar beets & potatoes planted in chemical- 081553
with irrigation regime of crops. [**Sugar beets**] 081708
Release of **sugars** from **biostructure** of wheat 077917
regime on level of glycogen, **blood sugar** & g- 074809
History of **sugar** in **Brazil.** IV. [Marketing] 073182
History of **sugar** in **Brazil.** VII. 1. sugar ind- 074092
Sugar cane quality control & sugar yield. [T- 073678
Optimal rrplanting time for **sugar cane.** 078382
European Economic **Community sugar** regul- 073403
Sugar consumption & a healthy diet. 073780
genotype on oil, protein & **sugar content** of 077724
Yield, **sugar content** & alpha-aminonitrogen 077967
efficiency for root weight & **sugar contents** e- 077796
raising farms of Taiwan **Sugar Corporation** 075864
30 Years of **cultivating sugar** beets in Swed- 078528
History of **sugar domains** of Mauritius island 074201
Variety & seed policy of **Dutch sugar** beet i- 074087
planning & construction of **sugar factories.** 074244
processing period of beet **sugar factories.** 074245
male leg disc fragments in **sugar fed** female 080253
On norms for **sugar** in **feed** rations of milch 075095
of pork. influence of **sugar feeding.** 073986
Measurement of **fermentable sugars.** [Worts 073860
in grasses, i. Changes in **sugar & fructosan** c- 077789
How to ensure **high sugar** yield? 078311
Proposals on how to **include sugar** beet & s- 075110
pollinating strains in self-**incompatible sugar** 077211
supersaturation of **industrial sugar** solutions 074103
Marketing strategy & **sugar industry.** 073305
Sugar industry consolidating for future. 073399
future outlook of starch-**sugar industry** in J- 073490
Katma Protocol, **sugar industry** of Turkey, 073513
of sugar in Brazil. VII. 1. **sugar industry** i n 074092
development & manufacture of **KS-6 sugar** b- 072808
production of carbon-13 **labeled sugars:** toba- 077693
Sugar manufacture without molasses. 074089
extraction in diffusers. [**Sugar manufacture**] 074157
of diffused juices. [**Sugar manufacture**]. 074159
saturation temperature. [**Sugar manufacture**] 074174
aconex" & "preconex" [**Sugar manufacture**] 074205
of high purity in **sugar manufacture.** 074211
means of electrodialysis. [**Sugar manufacture**] 074247
Cultivation of **sugar maple** (Acer saccharum) 078851
Recent fluctuations of **sugar market.** 073170
automatic determination of **sugar & nicotine** 074170
of polysaccharides from **sugar nucleotides** in 077571
Sugar packaging for consumer. 074177
Sugar partnership. 073382
Pre-**planting sugar** beet seed treatment with 079001
relation to food intake & **plasma sugar** & ac- 074504
How to **preserve sugar** beet pulp? 074155
of sugar beet & **processed sugar** beet into st- 075108
New quality index for **sugar products.** 074102
Katma **Protocol, sugar** industry of Turkey, 073513
sulfite liquor reducing **sugar purification** by 076536
following instillation of **sugars** in **Raphanus** 078109
Production of **raw sugar** from sorghum juices 074212
weaning of swine: Utilization of **raw sugar** as 075125
Spent sulfite liquor **reducing sugar** purificati- 076536
Economic Community **sugar regulations.** 073403
Results of manual labor-**saving sugar** beet cu- 072876
supersaturation of industrial **sugar solutions** 074103
condition & future outlook of **starch-sugar** i- 073490
of animals in raising farms of **Taiwan Sugar** 075864
Sugar technology: Mills & milling. II. Hydr- 074091
Effect of anoxia on **sugar transport** in avian 074565
roles of boron in growth & **sugar-transport** 077834
Dynamics of **sugars** in **wheat** grains when ri- 074235
Copper determination in **white sugar.** 074176
with dynamic membranes. [**Wood sugars**]. 076536
Sugar, world trade, European Economic Co- 073310
Sugar cane quality control & **sugar yield.** [T- 073678
Yield, sugar content & alpha-aminonitrogen 077967
How to ensure high **sugar yield?** 078311

SUGARBEETS
Growth analysis studies of **sugarbeet.** 077714
big eaters & big menace to **sugarbeets.** 079744
in pressure-ammonificated **dried sugarbeet** s- 074319
a two way attack on **sugarbeet insects.** 079743
Results of control of **sugarbeet nematode.** [079365

SUGARCANE
Detection of mitotic instability in **sugarcane** 077236
Sugarcane: Losses from frost, how to reduce 078251
Sugarcane: From planting to harvest. 078346
of grassy shoot disease (GSD) of **sugarcane** 079341
discovery of a new pest of **sugarcane:** Report 079693
Nutritional deficiency symptoms of **sugarca-e.** 081328
in irrigation scheduling. [**Sugarcane**]. 081604
sugar-transport processes of **sugarcane.** 077834
Diplogasteridae). [**Banana, sugarcane**]. 079350
New **basic sugarcane** breeding program at 077237
relation to shipment of **sugarcane cuttings** f- 079196
billet size on rate of **sugarcane deterioration** 074086
Higher sugarcane yields through higher pop- 078526
monoxide metabolixm by **sugarcane leaves.** 077876
quality for sugar beet & **sugarcane molasses** 073265
reducing substances in **sugarcane molasses.** 074090
Screening sugarcane varieties for resistance 079080
Care of early **sown sugarcane.** 078474
Studies on yield of long-**term sugarcane** in r- 078532

SULFAMETHAZINE
of tylosin & **sulfamethazine** on **naturally-oc-** 075902

SULFAQUINOXALINE
Determination of **sulfaquinoxaline** in **feeds:** 074321
depletion of **sulfaquinoxaline** in **turkey** poults 075725

SULFATE
restraint drugs on passage of **barium sulfate** 075451
yeast from hydrolysate of **sulphate beech** w- 074326
transport & efflux of **chlorine, sulfate** & pot- 077965
of agar-tissue preparation & **cobalt sulfate** on 075960
preservation with **sulphate cooking** liquor. 076434
effects of diquat plus **copper sulfate** on aqua- 079613
of feeding ascorbic acid & **sulfate** on **egg** pr- 075045
Effect of **ferrous sulphate** on availability of 081102
branches in manufacturing of **sulphate pulp** 076437
Technology of **sulphate recycle** process & its 081353
acids in layer diets with **sodium sulfate.** 075047
Regulation of **sulfate transport** in Neurospo- 077328

SULFIDE
milk on heat-release of **hydrogen sulphide** f- 073964

SULFITE
lesions in pigs following feeding of **sulphite.** 075123
Spent **sulfite liquor** reducing sugar purificati- 076536

Effect of **sulphite** on **phosphoenolpyruvate** c- 077846
to vegetation in vicinity of a **sulphite pulp** & 079401
new technique in high-yield **sulfite pulping.** 076531
of DNA synthesis by **sulfite** in **root** meristem 077401

SULFONAMIDE
sulphonamides in **experimental** salmonellosis 075826

SULFONATE
on activity of **ethylmethane sulfonate** on Cr- 077207

SULFUR
Effect of N [nitrogen] & S [**sulphur**] fertiliz- 081499
Factors **affecting sulfur** amino acid requirem- 074917
Partial replacement of **sulfur amino** acids in 075047
Effect of age on lysine & **sulfur amino** acid 075058
Evaluation of **available sulphur** status of soils 081372
hehydration on pungency & **sulfur content** of 078084
chemical methods for **determing sulphur** in 077445
investigations on uptake of **sulphur dioxide** f- 076217
abies needles fumigated with **sulfur dioxide:** 076218
of Pinus strobus L. clones to **sulfur dioxide** 076219
investigations on uptake of **sulphur dioxide** f- 078238
abies needles fumigated with **sulfur dioxide:** 078239
of Pinus strobus L. clones to **sulfur dioxide** 078240
of pollutants, influence of **sulfur dioxide2** on 079397
Sulphur dioxide injury to vegetation in vicin- 079401

SULTANAS
SEE GRAPE

SUMITHION
its successful control with **sumithion.** 080013
Diagnosing Sumithion poisoning of poultry. 076166

SUMMER
of goats to a **cooperative summer** dairy in 072926
Advice on **summer fattening** of pigs. 075114
Equipment for handling **summer feed.** 080902
Advice on **summer feeding** of pigs. 075118
selection & change of seed of **summer grain** 078427
Summer irrigation in sandy & sandy loam s- 081611
quality features of **summer wheat** in Croatia 074122
fertilizers applied to **summer wheat.** 081323

SUN
Poland in search of a proper place under **sun.** 073320
Gardens under **arctic sun.** [Alaska]. 078778

SUNFLOWERS
Breeding & seed producton of **sunflowers.** 077122
certain physiological features of **sunflowers.** 077828
layer of soil in between rows of **sunflowers.** 081586
in imbibing seed tissues. [**Barley, sunflower,** 077895
nutrition for plants. [Sugar **beets, sunflowers,** 078519
of cultivated crops. [**Corn, sunflowers**]. 078561
growth of & yields of **sunflower cultivated** on 078458
Profitability of **sunflower culture** in agricult- 073047
irrigation & fertilizing in **growing sunflower** 078485
nature of mutations of **sunflower, induced** by 077195
nature of mutations of **sunflower, induced** by 077229
in east of Scotland. [**Sunflowers, kidney** be- 077428
About problem of utilizing **sunflower seed** in 075094
Seeding sunflowers. 078471
Sunflower has come to **stay.** 078364

SUPELLA
an encyrtid parasite of **cockroach Supella** l- 080403

SUPERINFECTION
SEE INFECTION

SUPEROVULATED
SEE OVULATION

SUPERPHOSPHATES
SEE PHOSPHATES

SUPERVISION
Present & future **book supervision** of forest 076313
of 15 months of a dairy **farm supervision** in 075512

SUPPLEMENTS
marketing; a bibliography (1973 **supplement** 076427
Polish literature on sericulture (**supplement** 080683
Dry feeds & **supplement** of **amino** acids in f- 075070
adjustment to mineral **buffer supplements.** 074870
Effect of **calorie supplementation** on growth 073714
Selenium--an essential **dietary supplement** f- 074921
Effect of **dietary supplement** of stearic acid 074983
forest management **supplement--economical,** 076336
Energy supplementation in winter pasture. 075096
in cow's milk with cows **fed supplement** of 073983
effect of some phosphate **supplements fed** to 076115
Hay--an excellent **feed supplement** while on 074944
I. High-energy. High-**fiber supplements.** 074940
Supplement to **list** of Isometopidae (Hetero- 080577
breeding as a forest **management supplement-** 076336
New phosphorus **mineral supplements** in fe- 075148
protein-vitamin-**mineral supplements** & full- 075149
Urea as a **nitrogen supplement** to corn silage 074324
Toxic effect of some **phosphate supplements** 076115
Effect of **protein supplementation** on hair of 073707
of micronutrient **salt supplements** in large-s- 075132
Efficacious **silage supplements.** 074362
Supplement to **study** of strawberry cultivati- 078744
Taxonomic supplement to Crataegus L. in C- 076754
Effect of **urea supplementation** on intake & 074959
rations with protein-**vitamin supplements** & 075142
meal & biuret mixtures as **winter supplemen-s** 074931
for manure with **yield supplements** in rotated 081307

SUPPRESSION
Suppression of **avian** reticuloendothelial sys- 075676
Suppression & control of bovine coccidiosis 075900
Dominant suppressor of curly gene from na- 080428
their suppression by a **suppressor mutant** of 080276
Suppression of **ozone** injury to Phaseolus vu- 079306
moth releases for **suppression** of **populations** 079804

SUPRARENAL
SEE RENAL

SURFACE
syringae (Van Hall) on **surface** of **aerial** org- 079122
Body **surface area** of female swine. 074647
Determination of minimum leaf **surface area** 078014
Body surface area of female swine. 074647
in Coleoptera fauna on **surface** of **cultivated** 079549
Effect of pumping & **surface drainage** in con- 081084
of surface & sub-**surface drainage** system for 081625
Surface & sub-**surface drainage** hydrology. 081629
Design of a sub-**surface drainage** system. 081637
Effect of pumping & **surface drainage** in con- 081641
Surface drainage methods for saline-alkali s- 081643
Forest soils with **surface horizons** where re- 081166
Determination of minimum **leaf surface** area 078014
Prunier, Luisetti, Gardan) on **leaf surface** of 079123
to citrus: Estimation of **surface** of **leaves** of 079812
Role of epidermal cells in **moulding surface** 080302
Permo-Triassic **subsurface palynology** from 076751
epidermal cells in moulding **surface pattern** 080302
Some **surface properties** of selected South 081226
of fertilizer nutrients in **surface runoff.** 081354
phosphorus losses in **surface runoff** from agr- 081520
Nitrogen losses in **surface runoff** from agricu- 081547
Moisture variation at **soil surface** & advance 081270
Removal of **surface soil** by mechanical meth- 081549
status of phosphorus in **surface soils** of Gha- 081365
Studies on **surface sowing** in grassland estab- 078401
Studies on **surface sowing** in grassland estab- 078402
combination of surface & **sub-surface** draina- 081625
Surface & **sub-surface** drainage hydrology. 081629
Design of a **sub-surface** drainage system. 081637
Permo-**Triassic subsurface** palynology from 076751
Coast. II. Representation of **surface water** f- 076862
Heat transfer models for a **subsurface, water** 080741
Soil physics study of a **surface water** gleyed 081058
Automatic measurement of **surface water.** 081608
Removal of eutrophication in **surface waters** 081884

SURFACTANT
Limitations of **surfactant** & **pH** [hydrogen-i- 079608
Surfactants in **water** drown honey bees. [Ap- 080067

SURGERY
Saplings & **surgery.** [Ornamental trees]. 078661
ovaries in sheep. [**Surgical anastomosis**]. 075449
Surgical approach to a tricuspid stenosis. [075563
Surgical correction of prolapse of urethra in 076015
Lungs. [**Dogs, surgery**]. 075477
Small intestine. [**Dogs, surgery**]. 075478
Heart. [**Dogs, surgery,**]. 075479
Pancreas. [**Dogs, surgery**]. 075480
Liver & biliary tract. [**Dogs, surgery**]. 075481
Thoracic duct & mediastinum. [**Dogs, surgery**] 075482
Kidneys & urethra. [**Dogs, surgery**]. 075483
General procedures. [**Dogs, surgery**]. 075484
Stomach. [**Dogs, surgery**]. 075485
Blood vessels & spleen. [**Dogs, surgery**]. 075486
Indications for **heart surgery.** [Dogs]. 075536
Intrathoracic surgery in large animals. 075455
A technique for **surgical management** of hip 076212
Intensive care of **surgical patient.** [Animals] 075543
Surgical repair of coxofemoral luxation in d- 075461
Surgical techniques for urethrostomy in male 075535
Surgical treatment of chronic retrobulbar a- 075564
Surgical treatment of osteomyelitis in a heif- 075647
Surgical treatment of urolithiasis in veal cal- 076069
of a place of a **veterinary surgeon** at Campi 075499
Main tasks of **veterinary surgeons** & veterin- 075531

SURPLUS
Exportation of **agricultural surplus** of United 073307
On trend of **free surplus** of profit to early r- 073125
for higher yield of water-**surplus plots.** 081537

SURVEYING
Remote sensing lab; **surveying Minnesota's** 081822

SURVIVAL
Planting for **survival.** [Noise pollution]. 081861
Survival of **cedar** young growth in fellings of 078210
Survival & disinfection of Marek's disease v- 075806
cycle on ovulation, **embryo survival** & anter- 074976
Survival of **Entomophtora** spp. in mummified 080338
effects of density on **survival** & **fecundity** of 079988
Nursery technology--key to **green survival.** 078727
Chances of **survival** & **growth** of Enterococci 073686
L. with respect to success, **survival, growth** 078605
water treatments on **survival** of **heterodera** 079317
Growth & **survival** of **perennial** tropical gras- 077774
Some factors affecting **pig survival.** 074643
Survival of **Pratylenchus** penetrans & Praty- 081154
Survival time of erythrocytes (DF22P label) 074731
Survival of **Toxoplasma** gondii in mosquito 080246
Survival versus growth of a faculative psych- 073568
Observations on **winter survival** & diapausing 079843

SUSCEPTIBILITY
modified method for **assessing susceptibility** 079016
of two loci which **control susceptibility** of f- 074661
in cherries. VI. **Cracking susceptibility** in re- 077970
in relation to **differential susceptibility** of s- 079718
Susceptibility of **Escherichia** coli strains to 075797
with regard to their **susceptibility** to **eye** sp- 077252
Susceptibility of **immature** & adult stages of 079928
Insecticide susceptibility of mosquitoes in C- 079961
Insecticide susceptibility of mosquitoes in C- 080042
Susceptibility of **mammalian** (hamster) cell 075809
resistant & **susceptible populations** of mosqu- 079645
acid content in **relative susceptibility** of cer- 079756
C[carbon]-dieldrin in **susceptible** & **resistant** 079925
greenhouse tests on **varietal susceptibility** of 079418

SUSPENSION
of wall hemicellulose of **cell suspension** cult- 076963
synthesis in cultured plant **cell suspensions:** 077350
glycosides from illuminated **cell suspension** 078116
Atrazine & **suspension fertilizer** compatibili- 079607
liquid **suspension formulations.** 079626
antigen extracted from **parasite suspensions.** 075715
Fate of **suspended sediment** during basin re- 081748
Sodium ion activity in **soil suspensions.** 081178

SWAMP
of Pripet Polesye region. [**Swamps**]. 081585
Suitability of a **swamp area** in western Suri- 081669
Evolution of **certain swamps** of Eastern Say- 076860

SWARD
roots, a prerequisite to **explain sward** probl- 077963
matter production in orchard **grass sward.** 077788
On protective capacity of **grass swards** in s- 081588
Establishment of **grassland swards.** 078447
death of slender plant in **orchardgrass sward** 078400

SWEET
Cultivation of **sweet cherries** with special c- 078704
Development of **sweet cherry** production in 078701
Extension of **sweet cherry** production in fa- 078702
varieties for intensive **sweet cherry** growing 078705
concerning mechanical **sweet cherry** harvest 080876
decomposition of **sweet chestnut** (Castanea 081160
decomposition of **sweet chestnut** (Castanea 081161
designs: nitrogen fertilization of **sweet corn.** 081312
Discrimination between **sweet-cream** butter- 073965
molasses solids, new **functional sweeteners** f- 073857
Synthetic sweeteners & **natural sweeteners:** 073847
Sweet & pimiento pepper varieties for Tenn- 078830
Mechanism of chilling injury in **sweet potato.** 079367
Frondoso INTA" variety of **sweet sorghum** 078370

SWEETGUM
Cultivation of **American sweetgum** (Liquida- 078864

SWEETPOTATOES
Diseases of **sweetpotatoes.** 079359
Toxicity of mold-**damaged sweetpotatoes.** 073658
in Japan. [Potatoes, **wheat, sweetpotatoes**]. 073490

SWEETS
SEE DESSERTS

SWELLING
metal cations on **swelling** & **gelatinization** b- 074208

SWINE
on a large-scale: management of **swine.** 072806
in slaughter carcass marketing of **swine.** III 073209
increasing in European market. [**Swine**]. 073241
Pork for you. 073769
factors on qualitative characteristics of **pork** 073986
factors on qualitative characteristics of **pork** 073987
High-country hogget management. 3. [**Swine**] 074385
Nursery facilities for post weaning. [**Swine**] 074388
to varying levels of oxygen intake in **swine** 074655
Habits of **swine.** 074788
of internal organs of spinal cord of **swine.** 074821
Age features of ketogenesis in **swine.** 074832
factors on qualitative characteristics of **pork** 074865
Ration processing of Leonard millet. [**Swine** 074901
Wheat & Leonard millet for **hogs.** 074904
an essential dietary supplement for **swine.** 074921
Nutritive requirements for **swine.** 074928
Save protein by reducing feed losses. [**Swine**] 074942

as amino acid sources for barrows & **gilts.** 074953
injection on iron utilization in **swine.** 074969
luteinizing hormone] potency in gilt. [**Swine** 074976
with maintenance & feeding. [**Swine**]. 075006
of using domestic feed for donkeys & **swine.** 075007
by means of electronic calculator. [**Swine**]. 075022
different environmental conditions. [**Swine**] 075100
Feed additives that stimulate growth. [**Swine**] 075101
Bedding with protein for **swine?** [Feed]. 075102
in fattening performance testing. [**Swine**]. 075119
Early weaning of **swine:** Utilization of raw 075125
time intervals after insemination. [**Swine**]. 075262
LH [luteinizing hormone] potency in **gilt.** [075266
effects on sex conditions of rabbits & **swine** 075291
Useful crosses in **swine** too? 075295
fluids of genital tract of bulls & **boars.** 075330
existing & new breeds & lines of **swine.** 075416
Factors in increasing breeding rate for **sows** 075424
Acupuncture in a **boar.** 075504
test of a new sedative Azaperon, for **swine.** 075523
a new tranquilizer for dogs, cats & **swine.** 075560
to transmissible gastroenteritis of **swine** (T- 075662
mechanisation of trichinelloscopy of **swine.** 075705
Mastitis & agalactia in a **sow.** 075743
of transmissible gastroenteritis in **swine.** 075763
reaponsible for hyperestrogenism in **sows** & 075776
neutralizing activity in milk of **sows.** 075840
by immunofluorescence. [**Swine**]. 075904
of enteroviruses isolated from **swine.** 075930
Systems of complex vaccinatin of **swine.** [In- 075938
Study of enzootic pneumonia in **swine.** 075939
methods for diagnosing ascariasis in **swine.** 075944
symptoms of atrophic rhinitis in **swine.** 075954
salmonellosis & pasteurelosis in **swine.** 075959
on immunobiological reactivity of **swine.** 075960
experiments on laboratory animals. [**swine**] 075961
occurrence of enzootic pneumonia of **swine.** 075963
coli isolated in Vitebsk Region. [**Swine**]. 075964
of Escherichia coli isolated from **swine.** 075972
Calciphylaxis in **swine.** 076017
Gastric ulcer in **swine:** its causes & treatme- 076036
commonly applied to growing plant. [**Swine**] 076128
with manure from donkeys & **swine.** 079331
of consumption with liquid feeding of **swine.** 080853
Technique of mobile feed vessels. [**Swine**]. 080969
on aetiology of enzootic pneumonia in **swine** 075764
occurring bacterial pneumonia in **swine.** 075902
intermediate boar, & mongrel **boar affected** 073998
separate vaccinations **against hog** cholera & 074825
with use of TVM-1 vaccine **against swine** fe- 075955
of associated vaccination **against hog** cholera 075961
separate vaccinations **against hog** cholera & 075962
with use of combined vaccination **against hog** 075969
in certain organs of **swine** with **associated** & 074825
co-operative establishment in **boosting pork** 074464
Organization of Labor on **swine breeding** fa- 072973
Cost of production of a **breeding swine.** 072994
Feeding of **breeding sows** during lactation at 075121
requirements of pregnant **breeding sows.** 075157
increasing rate of using **sows** in **breeding.** 075423
as sole feeding in feeding **breeding sows.** 074936
plant thermal effluents. [**Broilers, swine**]. 080739
on cost of growing & fattening **butcher hogs** 072993
animals & marketing of **swine carcasses.** II. 073207
of Salmonellae from **pork carcasses.** 073565
of animal improvement. [**Cattle, swine,** poul- 073315
from different species. [Mice, **swine, cattle,** 074590
injured muscles in livestock. [**Cattle, swine**] 074837
B12 in feed rations of young **cattle, swine** & 075147
use of whole milk substitutes. [**Cattle, swine** 075172
Swine caudophagy, a new epizootiological li- 075589
Liver disease in **hog caused** by Fhizopus co- 075766
Central swine-testing & purebred-improvem- 075384
used in animal fattening. [**Chickens, swine,** 073264
separate vaccinations against **hog cholera** & 074825
Experiences with suiferin C in **hog cholera** 075683
of associated vaccination against **hog cholera** 075961
separate vaccinations against **hog cholera** & 075962
of combined vaccination against **hog cholera** 075969
prospects of market for **commercial hog** feed 073246
market situation: Evaluation of **swine count** 073151
Sale potential for **Danish pork.** 073318
lipogenic capacity in **developing swine.** 074536
Meat & lard quality of **swine** with **different** 074051
in reproductive tract of **gilts** at **different** ti- 075262
possibly associated with **swine dysentery** & 075915
r as an aid in diagnosis of **swine dysentery.** 075995
Large-scale **swine enterprises** in Estonia. 072972
against hog cholera & **swine erysipelas.** 074825
Migula) Buchanan. [**Swine erysipelas**]. 075722
to experimentally induced **swine erysipelas.** 075931
against hog cholera, **swine erysipelas** & ant- 075961
against hog cholera & **swine erysipelas.** 075962
against hog cholera, **swine erysipelas** & lept- 075969
Results of **boar evaluation** on basis of proge- 075284
of trichinellosis in industrial **swine farms.** [075589
Control of results in **fattening swine** operati- 073064
protein provision for **fattening swine** at tight 074882
How heavy may **fattening swine** be? 074887
Swine fattening. 074932
Effectiveness of **fattening swine** on feed rati- 075142
Combined vaccination of **swine** in **fattening** 075745

Protein levels for **swine fed** to heavy weights 074954
Protein levels for **swine fed** to heavy weights 074955
Performance of **swine fed** opaque-2 or norm- 074956
prospects of market for commercial **hog feed** 073246
Recycled feedlot waste as a **hog feed.** 074903
inhabitants of RSFSR. [**Swine, feeding**]. 075161
milk substitutes. [Cattle, **swine, feeding**]. 075172
Body surface area of **female swine.** 074647
their relationships with **sow fertility.** 075364
Function changes in **sows** & their **fetuses** in 075400
use of TVM-1 vaccine against **swine fever** in 075955
on performance of growing-**finishing swine.** 074455
for isolation of light filth foom **fresh pork** s- 073576
vs twice-a-week feeding of **gestating sows.** 075156
injections to cause infertility in **heifers, gilts** 075209
Insemination of **sows** in **Hodonin.** 075355
of balantidiasis of swine in **swine houses** & 075966
Prefabricated building for **swine houses?** 080758
Heating by infrared rays. [**Swine houses**]. 080776
indices of lipid metabolism in **hybrid swine.** 074835
Performance capability of **HYPOR swine** in 075379
German Landrace & German **Improved swine.** 074466
Increased pork production implies rational 075112
in relation to experimentally **induced swine** 075931
Barn climate in **industrial swine** production 074407
link of trichinellosis in **industrial swine** far- 075589
Situation of **swine industry** within Parma-R- 073520
Importance of stilbestrol in **sow infertility** t- 076050
of meat of young **boar, intermediate** boar, & 073998
of **swine** & their **interrelationships.** 074482
of fat in muscle tissue of **swine** of **Large** Wh- 074794
of hermaphrodites in **swine litters.** 075215
meat & fattening qualities of **Livny swine** [075431
Swine mange--an unnecessary evil. [Sarcopt- 080027
Sudden change in **pork market.** 073271
Thunderclouds over **swine market!.** 073283
muscles from different species. [**Mice, swine** 074590
boar, intermediate boar, & **mongrel boar** aff- 073998
tissue preparations from **neonatal swine.** 074535
of results in fattening **swine operation.** [Cos- 073064
Agricultural **organizations, swine**]. 072906
Improving breed qualities **os swine** on breed- 075432
Thunderclouds **over swine** market!. 073283
Isolation of **swine parvovirus** in Queensland 075644
of teaser bulls, rams & **boars** by **penis** & pr- 075393
How can **hog** & **pig** statistics help you? 073369
Swine & **poultry** feeding after a norm. 075018
with care agreement in **swine practice.** 075529
for keeping non-pregnant & **pregnant sows** to 080778
in animal fattening. [Chickens, **swine, prices** 073264
When will **swine prices** topple over? 073333
reducing costs for **pork production.** 073013
Economics of **swine production.** 073067
economic effectiveness of **pork production** on 073098
of milk & slaughter **swine production** in Sch- 073177
tendencies in **swine production** of enlarged 073533
Barn climate in industrial **swine production** 074407
establishment in boosting **pork production.** 074464
of efficiency in **pork production.** 074465
to intensification of of **swine production.** 074472
Increased **pork production** implies rational 075112
cross breeding in **swine production.** 075286
Buildings for **swine production.** 080750
a short-term increase in **pork production.** 080779
Sow productivity in piglet rearing farms of 074443
suis Balozet, 1936, of **swine** in **province** of 075581
applied to growing plant. [**Swine, rabbits**]. 076127
poisoning of livestock. [Sheep, **swine, rabbits**] 076165
Tropacine & Dipyroxim. [**Rabbits, swine**]. 076167
applied to growing plant. [**Swine, rabbits**]. 077799
Plasma membrane of **ram, boar** & bull sper- 075268
new production technology in **swine ration.** 075136
Animal protein in **swine rations.** 074938
steps, rationalization of our **swine rearing** p- 073424
New technology of **swine rearing.** 080716
Norms of **swine requirements** of lysine & m- 075145
Preference for **pork roasted** to two internal 073719
of light filth foom fresh **pork sausage.** 073576
Large-**scale swine** enterprises in Estonia. 072972
in semen plasma of **boars** when **semen** is ob- 075392
on deep-freeze conservation of **boar semen** 075442
Insulating capacity of floors in **swine sheds** 080761
infected with leptospirosis. [**Swine, sheep**]. 075932
poisoning of livestock. [**Sheep, swine,** rabbits 076165
aspects of milk & **slaughter swine** production 073177
of fat in nutrition of **slaughter swine.** 075082
Crossbreeding: **slaughter swine.** 075356
limits of semi-liquid manuring. [**Swine, soils,** 081819
Lactational failure in **sow** with **special** refer- 075879
in Ukrainian steppe **spotted sows.** 075353
Evaluation of feed for **swine** with low **starch** 074886
of estrus & ovulation in **superovulated gilts.** 075255
has purchased 10,000 tons of **Swedish pork** 073311
pathogen of balantidiasis of **swine** in **swine** 075966
Central **swine-testing** & purebred-improvem- 075384
on reduced activity of **swine uterus.** 075404
Nutrient consuption in **sows** of **various** bree- 075032
Feeding of **swine** in **various** stages of growth 075097
Analysis of proteins of **boar vasicular** secret- 075327
spermatozoa & fluids from **boar virtually** free 075280
regions in telencephalon of **wild boar** & do- 074499
Wild boar of Turgaisk plateau & its natural 074687

Utilization of meat of **young boar,** intermed- 073998
age on in vitro lipogenesis in **young swine.** 074966
enzyme preparations in feeding **young swine** 075171

SWINEPOX

Studies on **swinepox virus:** fluorescence & li- 075836

SYCAMORE

of cell suspension cultures of **sycamore** (Acer 076963
differentiating xylem isolated from **sycamore** 078233

SYMPATRY

solieri Dej. V. Study of **chromatic sympatry** 080545

SYMPHYTA

different organs of **Symphytum caucasicum** 077578
tertiary sawflies **(Hymenoptera, Symphyta)** 080592

SYNANTHROPIC

of European Synusia of **synanthropic flies.** 079952
research of **synanthropic flora** of mediaeval 076641
mass of breeding habitat & **synanthropic fly** 079987

SYNAPSIS

of chromosomes in **asynaptic genotypes** of 077047

SYNCHRONIZATION

Synchronization of **cell** division in meristem 076897
nucleotide synthesis in **synchronous cultures** 077543
Synchronization of **estrus** & ovulation in su- 075255
Estrus synchronization in sheep & heifers by 075428
Synchronization of **life** cycles between Callo- 079827
after **synchronization** with **melegestrol** aceta- 075270

SYNCHYTRIACEAE

Czechoslovakia. [**Synchytrium endobioticum** 079093

SYNCYTIAL

Structure of bovine **respiratory syncytial** vir- 075639

SYNDROME

description of riboflavin **deficiency syndrome** 076047
conversion, malabsorption of **fats syndrome** 074720
on performance & fatty **liver syndrome** in 075063
Characterization of an **obese syndrome** in p- 076059
Pathology & aetiology of **turkey syndrome** ' 075833
Weaver syndrome in Brown Swiss cattle: cl- 076092

SYNERGISM

T herbicide with **synergist.** 080071
Oriental fruit moth **attractant synergists.** [079807
adulticiding with **synergized pyrethrum.** 079970

SYNGAMIASIS

Studies on **avian syngamosis.** 1. Treatment of 075741

SYNGAMUS

nitrile (Nitroxynil). [**Syngamus trachea,** chi- 075741

SYNTHESIS

Fatty **acid synthesis** in brown fat & liver of 074561
Trisporic **acid synthesis** in Blakeslea trispora 077337
activity from deoxyribonucleic **acid synthesis.** 077866
of activity of long chain fatty **acid synthesis** 077931
Ribonucleic **acid synthesis** in chloroplasts. [078006
Factors **affecting synthesis** & release of extr- 077360
Specific inhibition of **alkane synthesis** with 077999
Synthesis of **bioactive** compounds: juvenile 080298
of some inhibitors of **carotene synthesis** on 077455
Synthesis & **characterization** of amplified 080220
substances (products of **chemical synthesis)** 075146
Genetic variability in **synthesis** of **colouring** 077096
Antigen-stimulated **DNA synthesis** in bursa 074509
effect of some inhibitors of **dna synthesis** on 077083
Inhibition of **DNA synthesis** by sulfite in ro- 077401
Enzymatic synthesis of ribonucleoside-5'-ph- 077496
on **synthesis** of some **extracellular** enzymes 079125
activity of long chain fatty acid **synthesis ib** 077931
Cadmium-**induced synthesis** of hepatic metal- 074625
Synthesis & **laboratory** evaluation of 1-(2,6- 079642
bovine mammary tissue: **lactose synthesis.** 074659
cycloheximide on **synthesis** of **nitrate** reduct- 077694
rice seeds. IV. De **novo synthesis** of sucrose 077865
of light on RNA & **nucleotide synthesis** in s- 077543
Studies on rates of **polyphosphate synthesis** 077332
vitamin B12 upon RNA & **protein syntheses** 074799
by cycloheximide of **protein synthesis** in cul- 077350
of phosphate absorption & **protein synthesis** 077409
toxicity to protein & **RNA synthesis** in He- 080083
RNA-synthesis in telotrophic meroistic ovar- 080445
Use of **synthesized sexual** pheromones for t- 079796
Synthesis of three-**species** wheat-rye amphid- 077201
Some recent data on **structure, synthesis** & 074620
biochemistry. XII. **Synthesis** of **tobacco** mo- 079160
of boron on **synthesis** & **transformation** of li- 077964
Synthesis of **virus**-specific neuraminidase in 075600
Subapical **wall synthesis** & wall thickening 076939

SYNTHETASES

Glutamine synthetase in chloroplasts of Vic- 078142
properties of **malate synthetase** from maize 077870
synthesis of sucrose **6-phosphate synthetase** 077865

of tRNAs & aminoacyl-**tRNA synthetases** of 077325
gracilis aminoacyl-tRNA synthetases with 077545

SYNTHETICS
by chemical agents: study of **"synthetic"** ka- 077103
of soil fulvic acid using **synthetic absorbent.** 081114
biologic efficiency of **synthetic desthiobiotin.** 073883
Synthetic foods. 073832
acids & effective of using **synthetic lysine** & 075145
Synthetic media for container-grown plants 078728
grain & its products with **synthetic medium** 074106
intensive manuring with **synthetic & organic** 081470
Progesterone & **synthetic progestogens** in d- 074806
Synthetic proof of structure of a proposed c- 080436
Synthetic slow-release fertilizers & fertilizer 081371
of improving it by means of **synthetic resins** 076566
Synthetic sweeteners & natural sweeteners: 073847

SYNUSIA
as a component of **European Synusia** of syn- 079952

SYRINGA
studies with Persian lilac **(Syringa persica)** 078089
acid in leaves & buds of **Syringa** in **relation** 077610
of shoot structure of **Syringa vulgaris** L. at 076947

SYRPHIDAE
Predatory Syrphidae. 080239

SYRUP
of fermentable sugars. [Worts, **beer, syrup**]. 073860
Modern brewing with **corn syrup.** 073807
syrup. II. B. Observation of **fruit syrup.** 074304
Influence of **glucose syrup** & other carbohyd- 073823
of codeine phosphate in **pine syrup** (Sir. Pini 078215

SYSTEMATICS
SEE TAXONOMY

SYSTEMATY
SEE TAXONOMY

SYSTEMIC
evaluation of some **systemic fungicides** for c- 078905
Systemic fungicides. 078957
Systemic fungicides in plant disease control 079049
Ovicidal action of **systemic insecticides** on e- 079826
of progesterone in **systemic plasma** of goats: 074660
Effects of contact & **systemic sucker** control 077924
from within is **systemic technique** with fungi- 079075

TABANIDAE
stigmoptera Ols. **(Diptera, Tabanidae)** & its 080379
Fossill Tabanidae (Diptera). 080510

TABLELANDS
soils of Central **Moldavian Tableland** & of 081235

TACHINIDAE
in north-west Slovakia **(Diptera, Tachinidae** 080479

TAENIATHERUM
Sitanion hystrix, **Taeniatherum asperum**]. 078395

TAENIORHYNCHUS
SEE AEDES

TAGETES
SEE COMPOSITAE

TAGGING
De Geer integument for amino **acids tagged** 080381

TAIGA
Forests of **taiga zone** of eastern Siberia. 076198
of two-membered rocks of middle **taiga zone** 081135

TAIL
flora & edaphology of tin **tailings areas** aro- 076874
catarrhal fever in captive white-**tailed deer** in 075664
rhythm & growth of spring **tail, Folsomia** c- 080331

TALLOW
Effect of dietary **animal tallow** & vegetable 075049

TAMARIND
on influence of feeding **horse tamarind** (Leu- 074933

TANACETUM
hydrocarbons. [**Tanacetum vulgare,** Juniperus 077553

TANKS
Tissue culture of tobacco cells in **tank.** 077713
Tank plant in Quebec. [Forest fire control] 076187

TANNING
of vinyl monomers onto **chrome-tanned** hide 073985
Influence of maturing on **chrome tanning** of 074043
Experiences with vegetable **tanning systems** 073984
removal & recovery from **vegetable tanning** 073808

TANNINS
sorghum grains with varying **tannin contents** 075064
sorghum grains with varying **tannin contents** 075065
Tannin removal & recovery from vegetable t- 073808

TAPE
of population densities with **sticky tapes** in 079987

TAPEWORM
of Terenol effectiveness **against tapeworm** 075949
On preventing **tapeworm disease** of farms. 075936

TAPHRINA
to protect fruit trees. [**Apricots, Taphrina** de- 079010

TAPPING
by sink region induced by **latex tapping.** 077487

TAR
Tar spot of corn. [Phyllachora maydis]. 078895
breeding of low-alkaloid & low-**tar tobacco.** 077030

TARAXACUM
SEE COMPOSITAE

TARDIGRADA
Tardigrada of **high** mountains of Hindu Kush 080471

TARGET
effects of larvicides on **nontarget insects.** 079960
yield, oil, & protein content of **target rape** g- 078022

TARGHEE
lifetime production in **Targhee & Columbia** 074642
Finnish Landrace X **Targhee ewes.** 075253

TARIFF
States' changing its **tariff** on **Mexican** winter 073338
Tariff rates on U.S. agricultural imports lo- 073219

TARN
SEE LAKE

TARSONEMIDAE
distribution & significance of **Tarsonemidae** 079866
certain mite species of **family Tarsonemidae** 079865

TARTRATE
cambendazole, & morantel **tartrate against** 075700

TASTE
Nutrition is only as good as it **tastes.** 073728
Palatability of **elephant** grass: pennisetum p- 074891
Taste panel techniques. II. A validating tec- 073738
Gustatory responses of Tetranychus urticae 079876
Scoring of **taste test** data on computer cards 073737

TAXATION
New **agricultural tax**-- facts. 073040
Automatic payment of **agricultural tax.** 073041
Structure of new **agricutural tax.** 073061
Development of Maine's new **forest taxation** 076285
Forest taxation. 076290
Maine Tree **Growth Tax** law. 076284
Income tax: Agricultural activities matching 073080
rent & determination of **land tax.** 073045
New modality of application of **tax law.** III. 072991
School **tax options** affecting Illinois agricult- 073051
accounting. II. Planning for & **paying taxes** 072893
Progressive taxation as a policy for water q- 073547
registration of title--a **separate tax.** 073062
Tax subsidies for orchard development: who 073137
Who & what should not pay added **value tax** 073090
Added **value tax** on agro-mechanical work. I- 073091
Taxation & Wyoming agriculture. 073141

TAXONOMY
I. Comparative morphology & **systematics** 080391
Notes on **Australian taxa** of Acacia no. 3. 076732
an outline of **taxonomy & biogeography** of g- 080474
Systematics & biology of four Polish species 080548
to flora of Sinai i: new & **confused taxa.** 076663
Vicia cracca complex. 1. **Czechoslovak taxa** 076670
problems of soil **taxonomy-- essentials** of co- 081187
of Quebec & its **taxonomic & evolutionary** s- 080211
Cytogenetics & **taxonomy** of **genus** Globba L 076675
On **systematics** of **hygienic** & technologically 073935
its **taxonomic implications.** 076666
Variation & **taxonomic importance** of anato- 076664
Rare & new **taxa** of **Lithuanian** flora. 2. Int- 076611
Noves on **systematy** of **Malayan** phanerога- 076679
studies to **morphological, taxonomical** & phy- 076807
Taxonomical & morphological correlations 080601
perspectives in **systematics** of **mosquitoes** in 080504
Karyological & **taxonomic observations** on 076669
Taxonomy of **Perityle** section Laphamia (C- 076987
Life of Linnaeus. [**Plant taxonomy**]. 076780
natural method of Jussieus. [**Plant taxonomy**] 076799
history & bibliography of **plant taxonomy.** 076801
Taxonomic position of Agrocharis Hochst. & 076657
evidence for two additional **putative taxa.** 080508
Lomandra glauca & some **related taxa.** 076728
Taxonomical research of European Helodid- 080609
A **taxonomic revision** of physaria (Cruciferae 076684
Taxonomic revision of Bombyliidae of Sene- 080566
to morphology & **systematics** of **Scolytoidea** 080622
On certain problems of **soil taxonomy**-- ess- 081187
Biological & **taxonomic studies** of Signiphora 080563
Taxonomic study of Caprifoliaceae. 076702
Taxonomic supplement to Crataegus L. in C- 076754

TAXUS
in tracheids of **Taxus & Pseudotsuga** as reve- 076879

TEA
on chemical composition & quality of **tea.** 077296
Manuring of **tea:** present recommendations. 081464
non-flavory" Ceylon black **tea aroma** concen- 073877
A decline of **tea bushes** associated with a ro- 079066
common weeds of south Indian **tea fields.** 8. 079537
common weeds of south Indian **tea fields.** 9 079538
Studies on incidence of **tea-mosquito** bug (079833
of nitrogen fertilizers on **tea plantations.** [C- 073057
On a cytoplasmic polyhedrosis of **smaller tea** 080356

TECHNICIANS
to become **laboratory technicians** in biology 072630
veterinary surgeons & **veterinary technicians** 075531

TECHNIQUES
Laboratory medicine: new **techniques.** [Vete- 075538
Charles Bridgeman's tools & **techniques.** 078665
experimental evaluation of **technique.** [Chor- 079907
by neutron **activation techniques.** 076233
Use of male-**annihilation technique** in control 079821
herbicides: **Technique** of **application.** 079454
matrix: input-output **techniques applied** to p- 081875
Technique of **blood** transfusion in dog. 075498
Use of a new **clearing technique** for study of 076893
A **technique** for **collecting** epididymal sperm- 075280
progress in use of **computer technique.** [For- 076275
Technique & costs of wet storage of round t- 076461
a basic requirement for **cropping techniques** 079457
cost, quality, & **cultivation techniques.** 078315
must adapt to new **techniques** of **cultivation** 078446
modified by various **curing techniques.** 074163
modified by various **curing techniques.** 074167
Kyritz caliper a new **technique** of **data** colle- 076279
Technique of **developing** implements for soil 080828
enemies, resistance, & **ecological techniques** 079639
freeze-cleaving & deep-**etching techniques.** 076975
operational use of **technique** for **extensive** s- 079905
of planthoppers by tethered **flight technique** 080357
Cultural & **genetic techniques** used for impr- 078496
by throxine binding **globulin technique.** 074755
in case of different **grassland techniques.** 078498
disk refining--a new **technique** in **high**-yield 076531
An **improved technique** for analysis of amino 073874
of productivityand **techniques improvement** i 076448
A **technique** for **improving** salivary chromos- 080254
orchard by sprayblade **layering technique.** [079432
Sterile-**male technique** & its role in integrat- 079628
analyses of dairy **management techniques.** 1 072899
analyses of dairy **management techniques.** 6 072900
A **microculture technique** for chick leukocyt- 074597
Technique of **mobile** feed vessels. [Swine]. 080969
of normal sheep using a **modified technique.** 074696
goats & cattle using a **modified technique.** 074697
Techniques for **nitrate** dosages by ionometer 077716
Studies by **nuclear technique** on response of 081379
matrix: input-**output techniques** applied to p- 081875
Taste **panel techniques.** II. A validating tec- 073738
Net **plan technique** in planning work & org- 072878
as related to new **techniques** of **plant** produc- 081443
A **technique** for **production** of gnotobiotic fo- 075569
Conception of **productivityand techniques** i- 076448
parametric linear **programming techniques.** 075036
Benefit-cost: a **technique** for **project** apprais- 073033
researches on **propagation techniques** in ma- 078603
Techniques of **propagation** of mango in Ceyl- 078604
Technique for **rearing** poultry. 074424
A **technique** for **repair** of fractures of distal 076003
of photography & **techniques** for **restoration** 081540
A **sampling technique** for estimating numeri- 079905
A **sampling technique** for estimating numeri- 079907
A rapid **screening technique** for photosynthe- 077546
Techniques of **side**-grafting in mango. 078608
Silage technique for corn silage. 074346
to fluorescence Giemsa **staining techniques.** 074627
Study techniques of pollen by scanning elec- 076886
A **technique** for **studying** adsorption, absorpt- 078099
Surgical techniques for urethrostomy in male 075535
A **technique** for **surgical** management of hip 076212
from within is **systemic technique** with fungi- 079075
of wood by pulse **transmission technique.** 076488
requirements of **technique** of **unloading** & tr- 080826
panel techniques. II. A **validating technique.** 073738
Technique of **vasectomy** in different species 075509
developments in early **weaning technique.** [075138

TECHNOLOGY
beet from point of view of new **technologies** 081577
of food Science & **Technology** & its **activity** 073900

How future **technological advancements** in 076419
by improved **agricultural technology.** 078357
Agricultural technology of cerals grown in 078422
Technological alternatives for agricultural d- 072966
Slaughtery & **technological analysis** of Czech 074038
Technological aspects of milking in herring- 074460
of cereal research & **baking technology.** 074126
of some **technological** & **biochemical** propert- 077744
Using **technology** & **biology** in designing cat- 080759
Technological breakthrough in agriculture & 072719
Advances in **brewing technology.** 073840
Brewing technology in changing times [Beer 073896
Technology of **bulgur** production. 074216
Changing technology in UK dairying. 073970
Cryogenic technology in artificial imseminat- 075440
wood-fiber production: **technology, economics,** 076337
Technology of **establishing** clone seed orcha- 076376
Making libraries work for **food technologists** 073736
aerobiosis in **technology** of **freezing** bull se- 075439
How **future technological** advancements in 076419
concerning soybeans **growing technology** un- 081691
harvesters & **harvesting technology** in Byelo- 080837
of science & **technology** in **herd** reproduction 075425
Immediate technological & agronomical pro- 078699
Improved technology for production of grape 078809
Improving technology of livestock housing 080794
Use of **industrial technology** as a primary m- 072978
Technology of **industrial** beef production in 074473
Technology of **industrial** poppy-seed product- 078421
of market: role of **innovation, technology** & 073248
Significance of **technology** in **intensification** 078295
Nursery **technology--key** to green survival. 078727
Effective methods & **technology** of **large-sca-** 074487
Meat technology as seen by veterinary meat 074008
Frozen **meat technology.** 074024
Meat technology as seen by veterinary meat 075475
Nursery technology--key to green survival. 078727
for study of **technological parameters** of lay- 074483
plant oils used in **pharmaceutical technology** 074132
Technological problems associated with post 073916
Test of **technological problems** of recitificati- 074171
Technological problems associated with post 077959
Estimation of **technological process** in abba- 073610
New systems & **technologic processes** appli- 073881
meat peptides in **technological processes.** 073911
Bone meal of new **production technology** in 075136
grown & seed **production technology.** 078467
Technology in **production** of sugar beet abro- 078554
A study of **technological properties** of milk 073563
Innovations in **technology** of **raising** grafted 078818
Laborand land-**saving technologies.** 072722
of potatoes: Culinary & **technological study** 074301
Results of **studying technology** of conserving 074367
Sugar technology: Mills & milling. II. Hydr- 074091
Prospects in **technology** of **sugar-beet** harve- 080815
Technology of **sulphate** recycle process & its 081353
New **technology** of **swine** rearing. 080716
recording of timber in **technology** of **tree-le-** 076495
Laboratory testing of **technological value** of 074190
Comparison of **technological value** of fibre, 074192
at College of Forestry & **Wood Technology** 076271

TEETH
development & growth of rat bones & **teeth** 074970
hypoplasia of deciduous **incisor teeth** of a ca- 076108

TELEMETRY
Radio telemetry system for study of technol- 074483

TELENOMUS
SEE SCELIONIDAE

TELONE
SEE DICHLOROPROPENES

TEMIK
SEE ALDICARB

TEMPERATE
rate in canopies of six **temperate forage** gra- 077763
of some tropical & **temperate pasture** legum- 077687
II. Hardwoods **(temperate-zone).** 076447

TEMPERATURE
ethylene dibromide at low **temperatures,** [P- 073633
lettuce cultivars as affected by **temperature.** 077995
plant age at inoculation & **temperature.** 079309
ethylene dibromide at low **temperatures,** [P- 080094
Influence of **temperature** on **absorption,** tra- 079612
Effect of **temperature** on **activity** of ethylme- 077207
of potatoes as affected by **age, temperature,** 074253
its combination with **air temperature** on gr- 078017
temperature on skin & **body temperature,** re- 074599
fluid spaces, water loss, **body temperatures,** 074658
on 24-hourly variations in **body temperature** 074699
rhythms of chicken **brain temperatures.** 074663
Burning temperatures of grasslands in Japan 078398
consideration on **burning temperatures.**2. 078399
Canopy temperatures of barley as influenced 077653
plants in relation to **temperature changes.** 081216
moisture content & **temperature changes** in 081227
Constant temperature control. [Milk]. 073925
Culicidae) at two **constant temperatures.** [A- 080039
Constant **temperature control.** [Milk]. 073925
Time/**temperature controls** of FF designed f- 073667
dermal blood flow & **cutaneous temperature** 074547
Effect of **different temperatures** & humidity 074823
mummified aphids at **differnnt temperatures** 080338
Flooding & soil **temperature effects** on wheat 077643
of different levels of **temperature** on **egg** qua- 073683
at mean & high **environmental temperature** 074599
pressure, & **temperature** on **enzymatic** starch 074338
to location of growth & **field temperatures.** 078993
Effect of **temperature** during **flowering** on s- 077343
Effect of **temperature** on **flowering** date in a- 078182
Minimum **temperature forecasting** in central 072678
empirical minimum **temperature formula.** 072677
Influence of **temperature** on **germination** of 077915
Influence of **temperature** on **glutamate** cata- 075858
Effect of **temperature** on **growth** of S.170 ta- 077766
Effect of **temperature** on **growth,** developme- 079311
as influenced by **heat, temperature,** & pH [073944
Ultra-**high-temperature** processed milk. 073981
Modification of **high temperature** & ACTH 074749
long-term effects of **high temperatures** (47-4 077839
long-term effects of **high temperatures** (47-4 077840
Effect of **increasing temperatures** on growth 078034
Temperature influences alfalfa yields. 078323
II. Effects of light **intensity, temperature** & 077740
pork roasted to two **internal temperatures.** 073719
Cotton **leaf temperatures** as related to soil 077650
Joint action of **temperature** & **light** on seed 077826
Utilization of low **temperature liquid** nitrog- 073822
emission at **temperature** of **liquid** nitrogen. 077540
of a new empirical **minimum temperature** fo- 072677
Minimum temperature forecasting in central 072678
Effect of **temperature** & **moisture** regime on 074809
variation of day & **night temperatures.** 077766
Optimum temperature for egg development 075709
of photoperiod & **temperature** of **ovarian** de- 080317
Central & **peripheral temperatures** & EEG 074508
Ultra-high-**temperature processed** milk. 073981
Influence of **temperature** & **rainfall** on incr- 078235
Effect of food & **temperature** on **rate** of deve- 079717
of Lithuanian SSR. 2. **Temperature regime** 081029
Temperature regulation development in bob- 074758
as affected by age, **temperature, relative** hu- 074253
regulation of **temperature requirements** in c- 080154
on skin & body **temperature, respiratory** & 074599
warm temperatures & **temperature reversal** 077645
Studies on effects of **root temperature** & its 078017
at determination of **saturation temperature.** 074174
Softening temperatures & durability of wood 076481
Flooding & **soil temperature** effects on wheat 077643
fertility, water, & **soil temperature.** 077665
Effect of moisture & **temperature** of **soil** on 078065
variety, plant maturity, **soil temperature,** & 079084
Mathematical modeling of **soil temperature.** 081202
of flower bulb sheds. **[Soil temperature].** 080764
i. Effect of low **temperatures** on **speed** of e- 077891
influence of pressure & **temperature stimuli** 074459
Effect of **storage temperatures** on quality of 073955
Influence of **storage temperature** on quality 074036
Effect of dietary fat & **storage temperature** 074071
mays L.) pollen. VIII. **Storage temperature** 077879
of cattle to controlled **subzero temperature:** 074537
Threshold temperature & thermal constants 080358
Threshold temperature for development of 080360
Time/temperature controls of FF designed f- 073667
Influences of **temperature** & **urea** on casein 073952
Temperature variation within & between ro- 077297
adapted to exercise at **various temperatures** 074518
relative to frosts with **varying temperatures** 077954
solar radiation & **temperature** on **vegetative** 077428
I. Effects of **temperature** on **vegetative** grow- 077739
Influence of cool & **warm temperatures** & t- 077645

TEMPLATE
Increased **template activity** in chromatin fr- 078004

TENDERNESS
chilling on yields & **tenderness** of **broilers.** 074068
Device for determination of **meat tenderness** 074002

TENEBRIO
Aedes aegypti, Galleria **mellonella, Tenebrio** 079643
Batesian mimicry. **[Tenebrio molitor].** 080372

TENEBRIONIDAE
two new species **(Coleoptera, Tenebrionidae)** 080485

TENEBROIDES
Sitophilus **granarius, Tenebroides** mauritani- 079933

TENSILE
quality, yield, leaf quality & **tensile strength** 077928
Relation between **tensile strength** & annual 078246

TENSION
Influence of fasting on blood **gas tension,** pH 074538
in grass & soil under copper **high-tension** li- 076149
Influence of soil **moisture tension** & amend- 078022

TENT
Controlling eastern **tent caterpillar.** [Maloc- 079858

TENUIPALPIDAE
Trombidiformes, Tenuipalpidae). 080652

TENUIS
SEE MOLLUSKS

TEPHRITIDAE
females of Dacus oleae **(Diptera, Trypetidae** 079764
of Dacus oleae Gmel. **(Diptera Trypetidae).** 080182

TERATOGENESIS
A study of **teratogenic capability** of tobacco 076127
A study of **teratogenic capability** of tobacco 076128
A study of **teratogenic capability** of tobacco 077799
A study of **teratogenic capability** of tobacco 077802

TERES
SEE MOLLUSKS

TERMINAL
lines of beef cattle for **terminal crossing.** 075212
Terminal riboadenylate transferase: A polya- 074555
of their c [carbon]-**terminal sequences.** 075957
heterogeneity of 5'-**terminal** of **turnip** yellow 079202

TERMINOLOGY
SEE NOMENCLATURE

TERMITE
on wood by **termite Psammotermes** hybost- 079918

TERRACE
Performance of **parallel terrace** system. 081564
in volcanic ash soils on **river terraces** along 081144
Greening of **terrace slopes.** [Grape culture]. 078820
soils (Planosols) on **terraces** of **Tirnava** Ma- 081236

TERRACING
on slopes by planting fruit trees. **[Terracing]** 081590
to different methods of **terracing sloping** la- 081264

TERRAIN
no-till management practices on **hilly terrain.** 078260

TERRESTRIAL
estimate on **terrestrial, cavernicolous** fauna 080477
Two new **terrestrial isopod** species from Gr- 080638

TERRITORY
in some soils of **agricultural territories** of A- 081177
network service in **Altai Territory.** [Farm m- 072817
insects of pine on **territories** with **chronic** in- 076230
Territorial distribution of labor & specializa- 072741
Black Sea region of **Krasnodar Territory.** 081152
Veterinary medicine in **Maritime Territory.** 075516
from South **Maritime Territory.** 080655
nature of **territory** of **Moldavia.** [Infectious 075934
Crassifrugis] from **Northern Territory.** 076731
River delta, **Northwest Territories.** 076630
Bodman's formula, on **Romanian Territory.** 072659

TERTIARY
On some **tertiary sawflies** (Hymenoptera, S- 080592

TESTA
or total removal of **testa** or with **leaching** of 077374

TESTES
hydroiases & ascorbic acid in **testes** of **adult** 074862
by bovine adenovirus on **testicular cells** of c- 075883
Intrascrotal torsion of **testicle** in a **dog.** 076093
Practical research on **testicle faults** in male 075224
Androgen content of **testis** during **sexual** de- 075444
Sertoli-cell tumor of **testicle** in a 19 **year** old 076020

TESTOSTERONE
administration & **testosterone propionate.** 074532

TETANUS
approach to treatment of **bovine tetanus.** [C- 075899
agents & antitoxin in **spontaneous tetanus** of 075778

TETANY
Grass **tetany alert** program in north Georgia 076022
tetany in cattle. I. Cases of **grass tetany** in 076025
pathogenesis, & prophylaxis of **grass tetany** 076032

TETRACYCLINE
Effect of **tetracycline** on **immunobiological** r- 075968
Effect of **tetracycline** on **level** of nicotinami- 074705

TETRAGONA
Effect of cortisone on R. **tetragona.** 075814

TETRAMISOLE
on use of **tetramisole** by **subcutaneous** way in 075582

TETRAMORIUM
free amino-acids in **Tetramorium caespitum** 080432

TETRANYCHIDAE
Rahman & Sapra (Acarina: **Tetranychidae**). 079717
Womersley (Acarina: **Tetranychidae**) descri- 080521
ulmi (Koch) (**Tetranychidae, Acari**) on grap- 079862
of respiratory mechanism of **tetranychid eggs.** 080453
ecological principles of **tetranychid mite** con- 079674

TETRANYCHUS
of spider mite **Tetranychus cinnabarinus** Boi- 080454
longevity of **Tetranychus cucurbitae** Rahman 079717
method of red spider **mite Tetranychus** urti- 079874
organophosphorus **resistant Tetranychus** urt- 079763
two-spotted mite. [**Tetranychus urticae,** Unc- 078945
of spider mite control. [**Tetranychus urticae**] 079675
two-spotted mite. [**Tetranychus urticae,** Unc- 079795
to prey density. [**Tetranychus urticae,** natur- 079824
of red spider mite (**Tetranychus urticae**) on 079843
Gustatory responses of **Tetranychus urticae** 079876
of tetranychid eggs. [**Tetranychus urticae**]. 080453

TETRAPLOIDS
on fruits & leaves of **auto-tetraploid** forms of 077298
anatomical characters of **diand tetraploids** of 076935
characteristics of diploid & **tetraploid forms** 078518
Tetraploid interspecific hybrids of plums & 077245
in diploid, triploid & **tetraploid Morus** trees 077019
Properties of **tetraploid red** clover in relati- 077217
sowing rate on yield of **tetraploidal rye** und- 077757

TETRAZOLIUM
Tetrazolium reduction & nitrogenase activity 077333

TETTIGONIIDAE
guttatipes Karsch (**Orthoptera, Tettigoniidae** 080533

TEXTILES
Carpet flammability tested. [**Textiles**]. 073806
Production of **textile** & other **articles** with c- 073368
"Fleece cloth" -a modern type of aid for hyg- 073811
Studies on **textile insectproofing.** II. Substi- 073684
Flax--oil & **textile plant.** [Breeding]. 077242

TEXTURE
On characteristic of heavy **textured bog** pod- 081176
Textural breakdown in canned apricots. 074263
Texture changes in canned apricots. II. Stu- 078997

THALICTRUM
Alkaloids of **Thalictrum minus.** 077389
alkaloid from **Thalictrum polygamum** Muhl. 077399

THAW
shucked oysters have been frozen & **thawed** 073570
Distribution of **frozen-thawed** spermatozoa 075262

THEILERIA
of X-rays on virulence of **Theileria annulata.** 075945
Experimental transmission of **Theileria ovis** 080017
of infective particles of **Theileria parva** harv- 075710
of infective particles of **Theileria parva.** [Ti- 075732
morphology & infectivity of **Theileria parva** 075795
test of cattle recovered from **Theileria parva** 075843
of infective particles of **Theileria parva.** [Ti- 080010

THELOHANIA
with **microsporidians Thelohania** opacita Ku- 080384
On harmful effect of **Thelohania opacita** (M- 079946

THERAPY
of trials for **assessing** new **therapeutics.** [An- 075540
luteum after **choriongonadotropin therapy** in 075445
Current therapy for fits. [Dogs, diseases, in- 076153
Fluid therapy of polyuric renal failure. [Dogs 076038
Fluid therapy: dog. 076082
Manual early diagnosis & **therapy** of **hip** dy- 076067
Infusion therapy & blood transfusion in dog 075487
for prophylaxis & **therapy** of **psittacosis.** 075684
efficient prophylaxis & **therapy** in **raising** ca- 075532
Aerated **steam therapy** for control of grassy 079341
response of yield to **sucessful therapy.** 075643

THERMAL
Thermal analysis of oxidative browning in fl- 074225
Treatment & clincal course of **thermal burns** 076145
Abscisic acid effects on **chromatin thermal** 078112
Threshold temperature & **thermal constants** 080358
Thermal destruction curves for Salmonella o- 073663
Ecological management of **thermal discharg-s.** 080742
shelters using power plant **thermal effluents** 080739
Observations on malathion **thermal fogging** 079971
ion concentration] **& thermally induced** con- 079205
Time-thermal transfer study of a brew kettle 073893
Effect of irrigation by **thermal water** on mi- 081184

THERMOBIA
postgenital regions of **Thermobia domestica** 080297

THERMOPHILIC
Thermophilic fungi of tobacco. 079031

THERMOREGULATION
changes during **behavioural thermoregulation** 074508

THIABENDAZOLE
Effect of **thiabendazole** on a **drug**-resistant 075697

THIAMINE
Thiamine in 1970 **Australian** diet with speci- 073758
for determination of **thiamine** in **foods.** 073869

THICKENING
Helical thickenings in tracheids of Taxus & 076879
wall synthesis & wall **thickening induced** by 076939

THICKNESS
fertilizers in field crop rotation in **thick bog** 081306
form, quality of horn & **thickness** of **hoof** of 076016

THIELAVIOPSIS
Pseudomonas tabaci, **Thielaviopsis basicola,** 077034

THINNING
Thinnings: reconsidered. [Forest trees]. 076368
Silvicultural problems by **combined thinning** 076391
fine root quantity **following thinning** of 30-y- 076847

THIO
Mutagenic effect of **thio-tep** in three success- 077212

THIOPHANATE
distribution of **thiophanate, effective** fungicde 078983
vulgaris L. with **thiophanate ethyl** & its me- 079306
for determination of **thiophanate residues.** 080074

THIOURACIL
with different growth rates to **thiouracil.** [C- 074715
of method of **administering thiouracil** on thy- 074733

THISTLES
Lipid deposition on leaves of **Canada thistle** 079596
Russian-thistle (Salsola) species in western 076696

THOMASINIANA
in raspberries by **Thomasiniana theobaldi,** 078170

THORACIC
features of post-road **accident chest** injuries. 076150
Thoracic duct & mediastinum. [Dogs, surgery 075482
Cannulation of **thoracic duct** in sheep. 075568
Intrathoracic surgery in large animals. 075455

THOROUGHBREDS
SEE HORSES

THREAD
Comparative studies on **actomyosin-thread** 076883

THRESH
Threshing maize. 080956

THRESHERS
optimum adjustment of **threshers.** 080962

THRESHOLD
development of female pigs. I. **age threshold** 075226
Research for determining **mineral threshold** 081342
Threshold temperature & thermal constants 080358
Threshold temperature for development of 080360

THRIPIDAE
for aphids & flower **thrips control** on outdo- 079840
Thrips of **Georgia,** suborder Terebrantia. 080556

THROMBICULIDAE
North American **Leeuwenhoekiine chiggers** 080569

THYLAKOIDS
polysomes to **thylakoid membranes** in Chla- 076956

THYMIDINE
Thymidine-phosphorylating activity in gam- 077866

THYMUS
in bursa of Fabricius & **thymus** in **birds** affe- 075884
polyadenylate polymerase from **calf thymus** 074555
growth & involution of **thymus** in **domestic** 074779
localization of **heterotopic thymic** tissue in 074615
specters). VIII. Essences of **various Thymus** 077525

THYROID
Naturally occurring **thyroid disorders** of dog 076075
Thyroid function of chicks after withdrawal 075056
Ontogenic development of **thyroid gland** in 074497
Thyroid gland activity in piglets under shock 074703
malformations of **thyroid glands** experiment- 074614
Thyroid metabolism of chickens. 1. Estimati- 074755
thiouracil on **thyroid variability.** [Quails]. 074733

THYROXINE
Thyroxine & development of tibia in embry- 074540

THYSANOPTERA
genera of subtribe Thripina (**Thysanoptera**). 080601
Types of **Thysanoptera** in **collection** of Calif- 080502

TIBIA
density measurements in **canine tibias** in situ 074796
development of **tibia** in **embryonic** chick. 074540
Ascorbic acid as related to **tibia strength** in 074729

TICKS
A "resistance factor" of **tick** "Boophilus mic- 075844
African tick feber is dangerous. [Cattle, buff- 079993
mating competitiveness of male **tick Argas** 080344
of Rickettsia prowazeki in **argasid ticks** dur- 080377
virus, a virus associated with **ticks & birds.** 079948
in Finland. I. Isolation of **tick-borne** encph- 079947
Ecological approach to study of **tick-borne** 080023
resistance in Mackay strain of **cattle tick** (079950
system of egg & larva of **cattle tick** (Boophi- 080198
of seasonal adaptations in **tick, Dermacentor** 080376
with definitive hosts. [**Ticks, Diptera**]. 080170
African **tick feber** is dangerous. [Cattle, buff- 079993
nutrition on development of **female ticks.** [079999
Tick fever (spirochaetosis). [Poultry]. 075852
Fight against cattle **fever ticks.** [Babesia] d- 080029
Dhori viruses from **Hyalomma ticks** infecting 080000
On occurrence of **tick Ixodes** eldaricus Djap 080021
Description of larva & nymph of **tick Ixodes** 080207
Ecology of **tick Ixodes** gibossus nuttal, 1916 080208
on mating competitiveness of **male tick** Arg- 080344
Composition of **tick oral** secretions obtained 080346
Autogeny in **tick Ornithodoros** tholozani (I- 080345
Ecology & behavior of lone **star tick** (Acari- 080347
particles of Theileria parva. [**Tick vector,** R- 075732
Theileria parva developing in its **tick vector.** 075795
particles of Theileria parva. [**Tick vector,** R- 080010
Tickborne viruses in Western North America 080001
Incidence of spotted fever in **wood ticks** of 079994

TIDE
Remote sensing of **tidal marsh.** [Vegetation, 076864
Biocontrol of Florida red **tide organism,** G- 079447

TILIA
Hardboard from basswood bark. [**Tilia**]. 076471

TILLAGE
Armyworm in no-**tillage corn.** [Pseudaletia 079736
No **tillage crop** production. [Corn, sorghum, 078477
Effect of **different tillage** methods on growth 081528
vs delayed fallow with **different tillage &** se- 081531
Equipments for **tillage & farming.** 080840
trends in wood & furniture **industry till** year 076440
agriculture: Tour notes. [**Tillage machinery**] 080862
Crop responses to no-**till management** pract- 078260
Minimum tillage as a method of seedbed pr- 078403
On trial production of **tilling-seeder** set to r- 080931
Comparison of power required for **soil tilling** 080834
with a spade rolling harrow in **soil tilling.** 080835
"chisel" used for **tillage** of **soil.** 080975
Soil tillage in cereal culture. 081533
Soil tillage for winter wheat after various p- 081582
in steppes of southern Urals. [**Tillage, soil** e- 081581
Guide for producing no **tillage soybeans** in S 078287
of tractor-mounted plowing & **tilling units.** 080987
Success with no-**tillage weed** control. [Herb- 079531

TILLERS
Differential behavior in **tillering & heading** 077748
classification of Japanese **power tillers &** h- 080808
performance of Japanese **power tillers &** ha- 080809
of tilling-seeder set to **rotary tiller &** applic- 080931
endogenous control of winter **wheat tillering** 077699

TILLETIA
to winter wheat caused by **Tilletia tritici.** 079072

TIMBER
Integrated marketing. [**Timber**]. 076454
tests of natural decay resistance of **timber.** 076544
Extractives of **Australian timbers.** .IL. Minor 076431
Extractives of **Australian timbers.** XIII. Jin- 078203
Extractives if **Australian timbers.** XIV. Trit- 078204
million cubic meters of **timber** are **blown** d- 076205
Future supply of **coniferous timber** for Lake 076556
Timber harvest 1980: vision of visions. 076500
Timber harvesting & marketing on way to i- 076453
Mechanization of **timber harvesting** in Neth- 076499
Contemporary state of **timber haulage** in fo- 076491
an air cushion as a trailer for **hauling timber** 076503
High timber production & increase in net p- 076291
prerequisites of forestry & **timber industry** in 076316
typical size enterprise of **timber industry.** 076433
techniques improvement i n **timber industry** 076448
Toxic principle in **timber milkvetch.** [Astra- 077405
of some devices for loading saw-**mill timber** 076519
Local **net timber** volume equations for Wisc- 076328
Aspects of **timber processing.** 076445

High **timber production** & increase in net p- 076291
planting oak on sites fit for **quality timber** in 076363
Wisconsin's 1968 **timber resourc**--a perspect- 076333
Cracking **round timber**: a discussion about c- 076429
costs of wet storage of **round timber.** 076461
Timber sale by volume weight in Norway. 076496
Trends of quality of **softwood timber.** 076518
Methods of **timber storage** for control of in- 079897
marking & recording of **timber** in **technology** 076495
of preservation of storm **thrown timbers.** 076456
Planning a system for **timber transport.** 076502
Planning of felling & **timber transportation** 076469
Local net **timber volume** equations for Wisc- 076328
Function & planning of **timber yards.** 076490

TIME

dysplasia in German Shepherd dogs in **time** 076057
Ill-**timed alarm** for protection of pigs? [Dis- 075859
of cattle in relation to **time** of **carrying** ele- 074702
Fifty per **cent time** to pupation as a measure 080213
of stems in estimating **time consumption** per 076296
Effect of salinity on **time course** of wheat se- 077867
pupation as a measure of **developmental time** 080213
reproductive tract of gilts at **different time** 075262
Time & **duration** of female meiosis in wheat, 076982
Expenditure of **time** & **energy** in grape prun- 078868
Size of stems in **estimating time** consumpti- 076296
by selected farmers, part-**time farmers**, & ex 072697
for dairy cattle during winter **feeding time.** 074935
Effect of **timing** of **fertilizations** on yield of 081505
of Lehmann lovegrass to **time** of **fertilizer** a- 077778
Influence of **time** of **fertilizing** by organic c- 079373
Treatment at **time** of **fruit** ripening. [Parasi- 079332
of nitrogen application & **time** of **harvest.** 077648
Ill-timed alarm for protection of pigs? [Dis- 075859
Tests on determination of **incubation time** of 079244
tract of gilts at different **time intervals** after 075262
Time lags in increased manufacturing emplo- 073523
of management in race with **time** in **logging** 076258
Effect of **time** & **methods** of sowing of lucer- 078499
III. effect of season on **molting time** & post 080347
What it costs in **time** & **money** to cut hay. 073060
Effect of **moving time** to next paddock on b- 074991
Mechanization, labor & **time** in **multiple** cr- 072794
of rice as influenced by **time** of **nitrogen** app- 077648
Oviposition time in chukar partridge. 074745
Duration of estrus & **ovulation time** in nonl- 075184
as viewed by selected farmers, **part-time** fa- 072697
or Nemacur applied to soil at **planting time.** 079238
Old-**time plants** are making a comeback. 078776
in humans & animals at **present time.** 075818
Effects of density & **timing** of **removal** on in- 077762
Optimal **rrplanting time** for sugar cane. 078382
views on agriculture in **time** of **Sapporo** Agr- 072752
dregs during mashing. 1. **Time selection** & ef- 073813
by means of a new method of "**short-time**, l- 073839
reaction of spring barley on **sowing time.** 078553
Survival time of erythrocytes (DF22P label) 074731
Time/temperature controls of FF designed f- 073667
Time-thermal transfer study of a brew kettle 073893
Air flow requirements, bed **turnover time** for 074084
of groundwater flow subject to **time-varying** 081750
Time of **walnut** grafting in region of Skopje 078748
Rural development--a movement **whose time** 073396
Administrator & his **working time.** [Farm m- 072830

TIMOTHY

Newsletter "**Timothy** plus". [Phleum praten- 078324
Bounty timothy. [Phyleum pratense, varieti- 078282
of local strains of **timothy** in **Hokkaido** & its 077131
Phyisology & biochemistry of **timothy leaf** 078999
on growth of **timothy, orchardgrass,** & tall f- 077645
Perennial ryegrass & **timothy** for **pasture.** [078328

TIN

Antifeeding property of triphenyl **tin acetate** 079663
History, flora & edaphology of **tin tailings** a- 076874

TINNED

SEE CANNING

TISSUES

by in vitro liver & **adipose tissue** preparatio- 074535
Adipose tissue composition & lipogenic capa- 074536
of dietary manipulation on **adipose tissue** bl- 074973
acid composition of egg yolk, **adipose tissue** 075049
Effect of **agar-tissue** preparation & cobalt su- 075960
other responses of **tissues** of **avocado** in ase- 078646
GPT/ EC 2.6.1.1 in **tissues** & **blood** plasma 074772
manipulation on adipose **tissue blycerokinase** 074973
Osteon organization of **bony tissue** in auroc- 074686
differentiation of aptitude for **callus tissue** fo 076936
patterns in mimosa hypocotyl **callus tissue.** 078097
of mercury in organs & **tissues** of **calves** poi- 073704
d-glucose-4-epimerase in **cambial tissue** & di- 078233
Accumulation of mercury in **tissues** of **cattle** 073632
smoke & its constituents on **cells, tissues** & 077447
on cholesterol content of **certain tissues** of 075045
Adipose **tissue composition** & lipogenic capa- 074536
for analysis of metaldehyde in **crop tissue.** 080093
Tissue culture method for bovine mammary 074659
avian malaria in Japan. III. **Tissue culture** of 075734
of saponins, extracted from **tissue culture** of 077583
Fruits, flowers, leaves at will. [**Tissue culture**] 077589
differentiation in flax **tissue culture:** Phenol- 077710
Tissue culture of tobacco cells in tank. 077713
reproduction in different **tissue cultures.** 075674
hexosamine content of wood **tissue decayed** 081217
elimination kinetics in **different tissues** & or- 074648
of their reproduction in **different tissue** cult- 075674
Tissue distribution of labelled material in vi- 073759
Tissue distribution & metabolism of aflatoxin 074541
Tissue distribution of labelled material in vi- 076024
Relative amounts of **elastic tissue** & smooth 074618
selenomethionine-75Se in **tissues** & its **fate** 074752
Biochemical differentiation in **flax tissue** cul- 077710
Tissue fluid in rabbits infected with Trypan- 075794
differentiation of aptitude for callus **tissue fo** 076936
permeability changes in apple **fruit tissue.** 079329
On dormancy of **grape tissues** & possibility 078800
associated with **tissues** of **Heterodera** spp. [079347
Establishing **hypodermic tissue** in meat of C- 073989
Differentiation of **lens tissue** from progeny of 074694
culture method for bovine **mammary tissue:** 074659
fraction from skeletal **muscle tissue.** [Chick- 073652
of consistency of boiled **muscle tissue** based 074001
of cesium & its retention in **muscle tissues** of 074702
On distribution of fat in **muscle tissue** of sw- 074794
triphosphate metabolism in **muscle tissue** of 075716
Changes of **tissues** of **Papaver** in relation to 079023
from cadmium chloride treated **pea tissues.** 078004
nucleotides, & of flavins in **tissues** of **piglets** 074705
levels & concentrations in **tissues** of **pigs** & 074811
TGE). II. Coronavirus titer in **tissues** of **pigs** 075662
determining water potential of **plant tissues** 077368
labeling of a higher **plant tissue:** incorporati- 077697
growth-induced water uptake in **plant tissues.** 077856
Measurement of **plant tissues** water potenti- 077946
graminis on buried wheat **plant tissues.** [Soil 079078
bushy stunt virus strains in **plant tissues.** 079173
of benomyl residues in soils & **plant tissues** 080084
Scarabaeidae) 2. use of living **plant tissue** in 080366
graminis on buried wheat **plant tissues.** [Soil 081219
diethyl phosphate in **tissues** of **poultry** pois- 076126
Effect of agar-**tissue preparation** & cobalt su- 075960
of fluorescent pigment in **tissues** of **rats** as a 074662
Tissue residue depletion of sulfaquinoxaline 075725
On problem of actin-**resistant tissues** of app- 078191
protein in Cichorium intybus **root tissue.** [C- 077495
structural changes in imbibing **seed tissues.** 077895
Collagenase activity in **tissues** of **selenium** r- 074795
isoenzymes in **spermatozoa, tissues** & fluids 075330
of alkaloids in culture of **stem tissue** of Rau- 077576
of amino acids in intact apple **stem tissue.** 078099
in mitochondria from cold-**stored tissue.** 079367
localization of heterotopic **thymic tissue** in 074615
substance of stylar **transmitting tissue** from 076880
on metabolic activity of **treated tissue.** 077489
reverse transcriptase in plant **tumour tissue** 079166
ring-labeled DDT-residues in **various tissues** 080047
abilities in cultivated in **vitro tissues** of Poli- 077096
Measurement of plant **tissues water** potenti- 077946
of hexosamine content of **wood tissue** decay- 081217

TITANIUM

determination of **titanium dioxide** in cheese 073569
Role of **titanium** in **enzymatic** processes & i- 074816

TITRATION

of swine (TGE). II. **Coronavirus titer** in tiss- 075662
fulvic acids by high **frequency titration.** [Soi- 081175
colorimetric & silver **titrimetric methods** for 079627

TOADS

Toad poisoning in small animals. [Ethiopia] 076163

TOBACCO

characters & leaf properties of **tobacco.** II. 074096
of sugar & nicotine in **tobacco.** 074170
A study of teratogenic capability of **tobacco** 076127
A study of teratogenic capability of **tobacco** 076128
several species of genus Nicotiana. [**Tobacco** 076936
plants to several diseases of **tobacco.** 077032
characters & leaf properties of **tobacco.** II. 077033
biosynthesis of phytosterols in **tobacco.** 077132
tabacum by Nicotiana langsdorffii. [**Tobacco** 077240
growth & development of **tobacco.** 077658
A study of teratogenic capability of **tobacco** 077799
influence on various constituents of **tobacco** 077801
A study of teratogenic capability of **tobacco** 077802
biosynthesis of phytosterols in **tobacco.** 077803
on volatile nitrogenous bases in **tobacco.** 077808
in Nicotiana tabacum L. [**Tobacco**]. 077875
of new variety introductions. [**Tobacco**]. 078416
Thermophilic fungi of **tobacco.** 079031
of Actinomycetes from **tobacco.** 079142
of breeding by anther culture in **tobacco.** III 079253
pollution on Maryland (type 32) **tobacco.** 079304
influence on various constituents of **tobacco** 079497
for determining TDE & DDT in **tobacco.** 080139
of breeding by anther culture in **tobacco.** II. 077031
other leaf injuries on growth of **tobacco.** [Co- 079052
of an endopeptidase from **aging tobacco** leav- 077966
A preliminary study of algae in **tobacco beds** 077605
in genus Nicotiana. [**Tobacco breeding**]. 077111
in genus Nicotiana. [**Tobacco breeding**]. 077112
study of bollworm & **tobacco budworm** with 079706
Fertility & survial of **tobacco budworms**, He- 079694
Studies on fermentation of **burley tobacco.** 074168
of flavor components of **Burley tobacco.** 074224
Effect of light on curing of **Burley tobacco.** 074226
chemical composition of **burley tobacco.** 077809
maleic hydrazide residue on **burley tobacco** 077810
Growth pattern of **Burley** 21 **tobacco** & ass- 077925
Yield & value of **Burley tobacco** as affected 078542
carbon dioxide evolution in **tobacco callus** c- 077836
Tissue culture of **tobacco cells** in tank. 077713
of cured & fermented **cigar tobacco.** 074227
mosaic virus of **tobacco** & their **control.** [M- 079171
spp. in a large field cage. [**Corn, tobacco**]. 079699
Flue-**cured tobacco** yellowed with an ethyle- 077926
among strains of **tobacco cultivar** Hicks illu- 078478
mold resistance to Japanese **tobacco cultiva-s.** 077035
content of flue-cured **tobacco cultivars** (Nico- 077812
mold resistance to Japanese **tobacco cultiva-s.** 078933
system (bonuses) in **tobacco culture.** 073046
content & composition of **cured tobacco.** 074166
A comparison of elements in **cured tobacco** 074172
of seed production in flue-**cured tobacco.** [B- 077239
in chloride content of flue-**cured tobacco** cul- 077812
manganese on flue-**cured tobacco** seedlings. 077901
on yield & value of flue-**cured tobacco.** 077924
rates on yield & price of flue-**cured tobacco** 077930
Official variety test on mild **cured tobaccos,** 078280
Mechanical harvesting of flue-**cured tobacco.** 078540
topping methods on flue-**cured tobacco** prod- 078541
Brown sopt damage & flue-**cured tobacco** qu- 079089
crop losses in flue-**cured tobacco** in Ontario 079316
fumigation on yield of flue-**cured tobacco** in 079393
control, yield & value of flue-**cured tobacco.** 079573
on some characteristics of slue-**cured tobacco** 080129
nitrogen fertilization of flue-**cured tobacco.** 081508
of oxidative browning in flue-**cured tobacco.** 074225
A mechanical harvester for stalk-**cut tobacco** 080971
protein patterns in **developing tobacco** horn- 080321
C-brown pigments in **facilitating tobacco** & 077806
How to control insects on **field tobacco.** 079731
Tests with insecticides for **tobacco flea** beet- 079748
enzymes during growth of **tobacco flower** & 077854
group production ratio on **fluecured tobacco** 078353
Tobacco growing at Agricultural Production 078464
resistant cell lines from **haploid tobacco.** 077146
Proceedings of **Tobacco & Health** Worshop 073642
Proceedings of **Tobacco & Health** Workshop 073644
Tobacco & health related research involving 077132
of herbicides in **tobacco** & their **influence** on 077801
of poly-L-ornithine on **isolated tobacco** mes- 077877
of blue mold resistance to **Japanese tobacco** 077035
World supply & demand of **leaf tobacco** in 073169
Automatic curing of bright **leaf tobacco.** 074131
Chemical analysis of tobacco, **tobacco leaf** e- 074169
of elements in cured **tobacco leaf.** 074172
Microscopic studies of bright **leaf tobacco.** I 074223
of carbon-13 labeled sugars: **tobacco leaf** sys- 077693
cytoplasmic proteins by **tobacco leaf** discs. 077734
glucose & distillated water in **tobacco leaf.** 077737
environmental factors on **tobacco leaf** consti- 077804
by a protease increased in **tobacco leaves** du- 077733
bright-yellow & Matsukawa **tobacco leaves.** 077736
soil moisture on maturity of **tobacco leaves** 077740
degrees C) on **tobacco leaves.** II. 02 [dioxide 077839
degrees C) on **tobacco leaves.** III. Efflux & 077840
in protoplasts isolated from **tobacco leaves.** 077868
an endopeptidase from aging **tobacco leaves** 077966
medium for mass rearing **tobacco looper** (Pl- 079741
transplant production in **Maryland tobacco** 081509
related to irrigation of **Maryland tobacco.** I. 081705
Evaluation of **tobacco material** modified by 074167
of bright-yellow & **Matsukawa tobacco** leav- 077736
variety test on mild cured **tobaccos, MC161** 078280
L-ornithine on isolated **tobacco mesophyll** p- 077877
Infection of **tobacco mesophyll** protoplasts 079200
membrane proteins in **tobacco mitochondria** 079212
infected with TMV. [**tobacco mosaic** virus]. 079158
XII. Synthesis of **tobacco mosaic** virus prote- 079160
Translocation of **tobacco mosaic** virus from 079164
of poly-1-ornithine treated **tobacco mosaic** v- 079207
Replication of **tobacco mosaic** virus. IV. Fur- 079208
of poly-1-ornithine treated **tobacco mosaic** v- 079750
capability of tobacco (**Nicotiana tabacum**) & 076127
capability of tobacco (**Nicotiana tabacum**) & 076128
from monosomics of **Nicotiana tabacum** by 077240
capability of tobacco (**Nicotiana tabacum**) & 077799
capability of tobacco (**Nicotiana tabacum**) & 077802
cured tobacco cultivars (**Nicotiana tabacum** 077812
of porphyrins in **Nicotiana tabacum** L. [Tob- 077875
on this predator of **tobacco pests.** 079705
radioacitivity in **tobacco plant** utilizing Cer- 077735
farmyard manure nitrogen to **tobacco plant.** 077738
conditions on growth of **tobacco plant.** I. Ef- 077739
conditions on growth of **tobacco plant.** II. E- 077740
Regulation of **tobacco plant** constituents. 077800
tobacco powdery mildew, in **tobacco plant.** 078983
Fate of insecticides in **tobacco plants** & fact- 073645
carbohydrates composition of **tobacco plants** 077805
Fate of insecticides in **tobacco plants** & fact- 080108

effective fungicde for **tobacco powdery** mild- 078983
methods on flue-cured **tobacco production.** 078541
ing their levels in **tobacco products.** 073645
on chemical evaluation of **tobacco quality.** I- 077929
sequence homology between **tobacco rattle** v- 079177
reconstitution of **tobacco rattle** virus. 079206
medium for mass **rearing tobacco** looper (Pl- 079741
studies of a newly **recognized tobacco** virus. 079183
with **tobacco** in 1968-69 & 1969-70 **seasons** 079382
manganese on flue-cured **tobacco seedlings.** 077901
Tobacco situation. 073378
modifiers on tobacco & **tobacco smoke.** 073643
Biological effects of **tobacco smoke** & its co- 077447
constituents of tobacco & **tobacco smoke.** 077807
breeding of low-alkaloid & low-**tar tobacco.** 077030
of chemical modifiers on **tobacco** & **tobacco** 073643
Chemical analysis of **tobacco, tobacco** leaf e- 074169
constituents of **tobacco** & **tobacco** smoke. 077807
solanacearum. **[Tomatoes, tobacco].** 079129
plantbeds & on newly **transplanted tobacco.** 079748
of poly-l-ornithine **treated tobacco** mosaic v- 079207
shank resistant flue-cured **tobacco variety,** F 077034
studies of a newly recognized **tobacco virus.** 079183
Characteristics of varieties of **tobacco world** 077088
tensile strength of cigar **wrapper tobacco.** 077928
Flue-crued **tobacco yellowed** with an ethyle- 077926

TOCOPHEROLS

vitamin A with or without alpha **tocopherol** 073762
Natural tocopherols as antioxidants for refi- 074236

TOLERANCE

date of planting & **tolerance** to **atrazine.** 079616
Benlate tolerance in Gladiolus Fusarium. [078966
in cucumber for **tolerance** to **chloramben** me- 079605
in Syria: Creation of a **tolerant cultivar** Alep 078955
principles for laying **down tolerance.** 073660
Fluoride tolerance of Japanese quail. 074735
volatile carbonic acids for **freezing tolerance** 077475
Survey of **herbicide tolerance** of perennial h- 079456
Tolerance of **higher** ascorbic acid doses. 073760
Tolerance levels of free gossypol in layer di- 075040
Salt tolerance in wild relatives of cultivated 078000
to develop a new eggplant **variety tolerant** to 077016
Breeding for **tolerance** to **Verticillium** wilt. 073380

TOLUIDINE

acetamide, acylanilide, **carbamate, toluidine** 080136
Note on toxicity of 2-**chloro-4-toluidine** tow- 079242

TOMATO

enzymes of lanceolate mutant in **tomato: a** r- 077028
metabolism in organs of **tomatoes.** 078008
Fruit with a shady past: tales of **tomato.** 078664
for accelerated ripening of **tomatoes.** 078710
resistance to cracking in **tomatoes.** 078824
More **tomatoes** for **adequate** supply. 073236
principles & practice. **[Tomatoes, Bacillus** t- 079856
mineral-nutrient media. **[Beans, tomatoes].** 078020
a "satellite" RNA in **tomato black** ring virus 079179
Lycopersicon peruvianum. **[Tomato breeding** 077109
Induced mutants for **tomato breeding.** 077248
plant raising & planting of **bush tomatoes** u- 078707
Ultrastructure of **tomato bushy** stunt virus s- 079173
Caging tomatoes--a profitable practice. 078626
Experience & possibilites **concerning tomato** 078708
in wild relatives of **cultivated tomato:** water 078000
Overseas agriculture: **Tomato culture** in Cali- 078673
for harvesting of **tomatoes** with **destruction** 080981
California's **dynamic tomato** industry. 2. To- 073397
Trends of development in **field tomato** prod- 078706
preparation of **fieldgrown tomatoes** at an in- 078709
imidazolidinethione) from **tomato foliage,** so- 078992
spot, one type of symptoms of **tomato fruit** 078932
effects on parasitism of **tomato** by **hemp** br- 079614
Ascorbic acid contents in **hybrid tomatoes.** 078169
California's dynamic **tomato industry.** 2. To- 073397
On feasibility of **infecting tomatoes** with vir- 079210
Maneb fungicides for control of **tomato leaf** 078980
structure, hydration of **tomato leaves** & their 076959
Iso-peroxidases in **tomato leaves** infested wi- 079850
Field germination trial with **pelleted tomato** 078173
on growth of waterlogged **tomato plants.** 078141
of inorganic bromide in **tomato plants.** 079239
I. Characteristics of a **tomato plastome** mut- 077202
Evaluation of **processing tomato** varieites for 078730
stabilization of **tomato production** in plastic 078692
of development in field **tomato production** a- 078706
varieties for vine-ripe **tomato production.** [079392
Tomato & redpepper growing in sheltered a- 078828
Yield capacity of **tomatoes** in **relation** to fo- 081406
evaluation of nematode-**resistant tomato** var- 079392
germination trial with pelleted **tomato seed** 078173
Meloidogyne spp. In **tomato seed** beds (Lyc- 079356
Fusarium wilt fungus in **tomato seedlings.** 079260
solanacearum. **[Tomatoes, tobacco].** 079129
Evaluation of processing **tomato varieites** for 078730
Florida 556. **[Tomato, varieties].** 078656
of nematode-resistant **tomato varieties** for v- 079392
on growth of **waterlogged tomato** plants. 078141
its tariff on Mexican **winter tomatoes.** 073338

TONGUE

Whip grafting (**tongue** or **bench** grafting). 078857
between tripping rate & **tongue length** of lu- 080446

TONNAGE

Complex operation of 8-**ton manure** spreade- 080831

TOOLS

Hedging as a **marketing tool** for western cat- 073341
Induced calving--a labor **saving tool.** 075218
Charles Bridgeman's **tools** & **techniques.** 078665

TOPDRESSINGS

of nitrogen as a late **topdressing** for **wheat** 081302

TOPOGRAPHY

Comparative & **topographical anatomy** of f- 074672
Contribution to **topographical anatomy** of a- 074761
on quantitative & **topographical composition** 074846
Economic Map Series; **topographic details.** 076324
of climate & **topography** on **oxidant** air poll- 076229

TOPOSEQUENCE

morphology of a catena (**Toposequence**). 081137

TOPPING

sucker control & **topping methods** on flue-c- 078541

TORSION

Intrascrotal torsion of testicle in a dog. 076093

TORTRICIDAE

Biological cycle of **"carpocapsa"** (Carpocap- 079780
fumiferana (Clem.) (Lepidoptera: **tortricidae** 080216
Clem.) (Lepidoptera: **Tortricidae**). 080218
criteria of income. **[Tortricidae, Canada].** 076250
Reproductive isolation of tow **tortricid moth** 080421

TORTRIX

of smaller tea **tortrix, Adoxophyes** fasciata 080356

TORULA

powdered skim milk & **Torula yeast** as basic 075125

TORULOPSIS

system of yeast **Torulopsis nitratophila.** 077541

TORYMIDAE

Hymenoptera, **Chalcididae, Torymidae)** in l- 079883

TOURISM

Situation of **tourism** in **forests.** 076242
benefits from **tourism** & use of **forests.** 076318
Hill farmers & **touristic opening** up of moun- 072749

TOW

chemical composition of **tow soybean** varieti- 081465
Reproductive isolation of **tow tortricid** moth 080421

TOWERS

Pole barn or simple **tower--alternative** to co- 080751

TOXICITY

Acute toxicity of dichlorvos in dog: 1. Clini- 076113
Acute toxicity of dichlorvos in dog: 2. Patho- 076114
dogs. [Soft drinks, **additives, toxicity].** 073637
Isolation of **toxin, altenuisol,** from fungus, A- 077599
larva comparative **toxicity appreciation** met- 080178
Toxicity of **atropine,** Phospholythin, Tropac- 076167
Note on **toxicity** of 2-**chloro-4**-toluidine tow- 079242
Fly control & **chronic toxicity** from feeding 076140
of chironom larva **comparative toxicity** appr- 080178
Toxic effect of some phosphate supplements 076115
copper high-tension lines. **[Feed toxicity].** 076149
Evaluation of **fungicidal toxicity** of some co- 076563
bees. [Apis mellifera, **herbicides, toxicity].** 080067
Hexachlorophene toxicosis in dogs. 076109
Hexachlorophene toxicity in dogs. 076110
Insecticide toxicity to honey bees. [Apis me- 080149
poisoned honey bees. **[Insecticide toxicity].** 080688
Insecticide toxicity to honey bees. [Apis me- 080691
chlororaphis & its **toxicity** for **insects.** 080257
Toxicity of **mebendazole** for sheep. 076106
Toxicity of **mercury** to young chickens. 1. Ef- 076133
Toxicity of **mercury** to young chickens. 2. G- 076134
Toxicity of **mercury** to young chickens. 3. C- 076141
Toxicity of **mold**-damaged sweetpotatoes. 073658
Toxic action & **molecular** lesion. [Veterinary 076143
Nitrate toxicity in strawberries. 079328
Oxygen toxicity in Tribolium species. 079924
A screen for **pesticide toxicity** to protein & 080083
dilemma. [Nutritive value, **toxicity, Poultry,** 074965
Toxicity of **preservatives** for laboratory ani- 076170
Toxic principle in timber milkvetch. [Astra- 077405
Toxin production by Pseudomonas tolaasii 078917
with some observations on **toxic qualities** of 079845
analysis of **toxins** in **single** mushrooms of A- 077438
restoring agents & **antitoxin** in **spontaneous** 075778
requirements for **toxicity testing** of veterina- 073564
Toxicity of an **UHF** [ultra high frequency] 079593
Selenium dilemma. [Nutritive **value, toxicity** 074965

TOXICOLOGY

Residue & **toxicological problems** arising fr- 073617

TOXOCARA

SEE ASCARIDAE

TOXOPLASMA

of Zbigniew Kozar: **Toxoplasmosis.** [Toxopl- 075973
days of food hygiene: **Animal toxoplasmosis** 073670
Study of **toxoplasmosis** in **cattle.** 075946
Feline toxoplasmosis & coccidiosis: a survey 075628
cat in natural history of **Toxoplasma gondii** 075611
prevalence of **Toxoplasma gondii** antibodies 075631
food hygiene. **[Toxoplasma gondii,** Listeria 075851
Survival of **Toxoplasma gondii** in mosquito 080246
Toxoplasmosis in **humans** & animals at pres- 075818
A study of **toxoplasma infections** in cats as 075897

TRACE

Tracing development of veterinary services 075467
Manganese: vital **trace element.** [Sugar beets 079251
of limestone, magnesium, & **trace element** a- 081518
requirements for minerals & **trace elements** 073755
Survey of **trace elements** in food. VII. Selen- 073866
Trace elements in food. X. Molybdenum. 073867
Trace elements in food. IX. Boron. 073868
I. Determination of **trace elements** by means 073914
Minerals & **trace elements** in serum or pla- 074601
Regional distribution of **trace elements** in n- 077729
Daucus carota. Vc. Effects of **trace elements** 078140
of humus substances with **trace elements** in 081194

TRACHEAL

Nitroxynil). [Syngamus **trachea, chicks].** 075741

TRACHEIDS

Helical thickenings in **tracheids** of **Taxus** & 076879

TRACKING

Here are tips on **keeping track** of a large he- 074404
Considerations on **track width** of tractors. 080911

TRACT

Liver & **biliary tract.** [Dogs, surgery]. 075481
in a non-canal irrigated **tract--Bist** Doab. 081631
feeds on activity of cattle **digestive tract.** 074833
of acute respiratory **tract disease** in weaned 075632
sannhemp on yield of wheat in **dry tract** of 081439
Conversion of lipids in **gastrointestinal tract** 074848
secretion along **gastrointestinal tract** of chi- 074971
Transport of microspheres in **genital tract** of 074668
induced development of **genital tract** on effe- 075225
tissues & fluids of **genital tract** of bulls & b- 075330
properties of spermatozoa in **genital tracts** of 075407
thawed spermatozoa in **reproductive tract** of 075262
of transmission through **spinocervical tract.** 074665

TRACTORS

of amortized deductions for **tractors.** 073101
amortization deductions for **tractors.** 073117
of farm accidents caused by **tractor.** 080725
machine "Brenig HSK". **[Tractors].** 080798
for easy understanding. 52. **Tractor.** 13. Its 080854
of plant production equipment. I. **tractor.** 080908
Safety conditions of **tractors.** 080910
Considerations on track width of **tractors.** 080911
Evaluation of **tractors.** 080915
What makes for better plowing? **[Tractors].** 080937
test of International 946 & 1046. **[Tractors]** 080984
all, that's exaggeration! **[Tractors, accident** 080860
Drives of **agricultural tractors** of engineering 080895
A safety cabin for **agricultural tractors.** 080977
Application of **tractors** in **agriculture.** 080919
Tractor custom hire services in multiple crop 072798
Do tractors last too long? 080797
Four wheel **drive tractor** & greenhouse indu- 080983
Agronomic notions for **tractor driver.** 3. Ph- 081259
Two-shift work of **tractor & equipment** oper- 072826
Economic evaluation of use of **farm tractors** 073105
Trends in development of **farm tractors.** 080907
trends in production of **tractors & farm** mac- 080967
Use of **tractors** in **fodder** harvesting. 080922
Fall protection for **tractors forcefully** prescr- 080859
test results of TDT-55 type **forest tractors.** 076247
trend in construction of **tractor gears?** 080912
of Japanese power tillers & **hand tractors** of 080808
of Japanese power tillers & **hand tractors** for 080809
Tractor industry abroad. 080921
Do **tractors last** too long? 080797
Some problems on utilizing **machine-tractor** 072943
driven supercharger for **tractor motors.** 080824
in changes in speeds of **tractor-mounted** plo- 080987
number of machine & **tractor operator** cadres 072816
problems on utilizing machine-**tractor pool** 072943
for optimum composition of **tractor pool** for 072958
Requirements for **tractors** in **potatoes** harve- 080923
Tractor power determines operations. 080906
in development of **tractors production.** 080920
Tractors for **sugar** beet harvesting. 080924
Trials with Zetor 5511 four **wheel tractor.** 080991
Trials with Fiat 500 DT four **wheel tractor** 080992

TRADE
International cocoa agreement. [**Trade**]. 073187
of sausages & products in butcher's **trade.** 074007
Trade agreement with European Economic 073238
Sino-**American trade:** retrospect & prospect. 073339
to Latin American Free **Trade Association** c- 073307
of Latin American Free **Trade Association.** 073516
Sugar, world **trade, European** Economic Co- 073310
Expanding trade with Canada. 073361
World **grain trade** from Canadian point of v- 073147
International trade: who gains--& why? 073285
Is **trade** in **irradiated** foods allowable? 073671
Livestock trade between Austria & Italy. 073215
under sun. [Agricultural **machinery, trade**]. 073320
Control of cultivation & **trade** of **nursery** pr- 078757
Trade prospects for wholesale & retail. [Fo- 073195
On new **trade regulation.** [Agriculture, fores- 073145
flue-cured production. [**Tobacco, trade,** South 073347

TRADESCANTIA
generative nuclei in pollen of **Tradescantia.** 076925
sectors in stamen hairs of **Tradescantia.** 077082
in stamen hairs of **Tradescantia ohiensis** KU 077130

TRAILER
Use of an air cushion as a **trailer** for **hauling** 076503
tests of manure **spreading trailers.** 080813

TRAILS
Controlled trails with levamisole, cambenda- 075700

TRAINING
as well as problems of education & **training.** 072621
toward range science education & **training.** 072676
horses of all round use in course of **training** 074695
Effects of **training** (growing) systems on yie- 078741
Training at **Agricultural** University for work 072680
Training course for machine drivers in fores- 076194
Dietetic training '73. 073731
agricultural promotion & on **job training** by 072654
Effects of **training** & **pruning** of Japanese p- 078018
of irrigation, drainage, **river training** & flood 081688
Effect of **training system** & cultivar on yield 078069
Feasibility of **unit trains** for moving apples 073326
Training of **women** farmers: An audio-visual 072665

TRAMETES
SEE POLYPORACEAE

TRANQUILIZERS
of lenperone, a new **tranquilizer** for **dogs,** ca- 075560

TRANSAMINASES
Transaminases. [Livestock, blood enzymes] 074584

TRANSFER
research involving **breeding, transfer** & bios- 077132
Transfer of **copper**-64 from serosa to mucosa 074843
antigen" effect by **experimental transfer** of 075829
Experimental transfer of immature Fasciola 075837
On **transfer** of **extra**-chromosomal resistance 079134
Possible importance of **transfer factors** in b- 079547
Radiation induced interspecific **gene transfe-s** 077111
Radiation induced interspecific **gene transfer** 077112
Heat transfer models for a subsurface, water 080741
Intraspecific transfer of blue mold resistance 077035
scale investigation of heat & **mass transfer** 081825
Distribution & blood-to-**milk transfer** of lab- 075637
virus infection in mice. I. **Passive transfer** of 075729
use of finishings by **polyurethane transfer.** [074039
with ambiguous specificity for **transfer RNA** 077545
Lease & **sale transfers** of cotton allotment in 073394
Time-thermal **transfer study** of a brew kettle 073893
Problems on **transfer** of **trusts** of state farms 073123

TRANSFERASES
of aspartateand alanine-**amino-transferase** s- 074673
hemogram), proteins & **amino transferases** in 074695
Terminal **riboadenylate transferase:** A polya- 074555

TRANSFERRIN
Chicken transferrin: high levels in chickens 075815
into distribution of **transferrin genes** in catt- 075236
Relationship between **transferrin types** & re- 075427

TRANSFORMATION
nitroso compounds on **transforming activity** 077300
Transformation of **applied** water soluble pho- 081094
Inorganic transformation of added phosphor- 081093
on synthesis & **transformation** of **lignin**-prec- 077964
of fungi. V. **Microbial transformation** produc- 077346
N in microbiological **nitrogen transformatio-s:** 081108
biotransformation of **phenylmercuric** acetate 080048
Inorganic **phosphorus transformation** in Dh- 081384
Transformations of **steroid** hydrocarbons dur- 074246

TRANSFUSION
Infusion therapy & **blood transfusion** in dog 075487
to consider in canine **blood transfusions** & its 075497
Technique of **blood transfusion** in dog. 075498

TRANSLOCATION
of temperature on **absorption, translocation,** 079612
conference on **translocation & accumulation** 077562
Possible use of **translocation** in **breeding.** [077060
Bioactivity & **translocation** of **carbofuran** re- 080068
Translocation & distribution of assimilates in 077493
Translocation & distribution of labelled org- 078109
capture, & **translocation** of non-**domestic** an- 075541
Fromation of **incomplete translocations** in C- 077206
acid. 1. Absorption & **translocation** of **iron** 077785
Sex-linked translocations, semisterility & li- 079985
on absorption & **translocation monovalent** c- 077786
Uptake & **translocation** of **nutrients** in grou- 077833
solid pollutants on **translocation** of **organic** 076220
absorbed from soil & **translocated** into **rice** 077962
Uptake **snd translocation** of guthion by bea- 077759
Translocation of **tobacco** mosaic virus from 079164
infection affected by **translocated wound** st- 079193

TRANSMISSION
Some factors **affecting transmission.** 075812
in relation to **transmission** of **cucumber** mos- 079171
Dermacentor andersoni, **disease transmission**] 079994
Japanese quail for **transmission electron** mi- 074724
Experimental transmission of Theileria ovis 080017
cultures with **transmissible gastroenteritis** vi- 075619
recovered from **transmissible gastroenteritis** 075621
resistance to **transmissible gastroenteritis** of 075662
control of **transmissible gastroenteritis** (TGE 075762
to treatment of **transmissible gastroenteritis** 075763
diagnosis of **transmissible gastroenteritis** by 075904
pulse constant of wood by **pulse transmission** 076488
of **transmission** through **spinocervical** tract. 074665
substance of **stylar transmitting** tissue from 076880
Aphid **stylet transmission** of poly-1-ornithine 079207
Transovarian transmission of Nosema plodi- 080333
equine encephalitis **virus, transmission**]. 080006

TRANSPIRATION
photosynthesis & **transpiration** of **Festuca** a- 077841
indoleacetic acid on **transpiration** at **first** st- 077625
curve analysis. [**pastures, transpiration,** resp- 077631
Effect of **antitranspirants** on **yield** of grain 077641

TRANSPLANTS
Mechanization of seeding & **transplanting.** 078674
of year-round culture of **transplants.** 078800
of young forest plants **ater transplanting** & i- 078208
aspects of **transplanting disorders** of peach. 079117
J strains & **experimental transplantation** of 075276
lighting on post-**transplant growth** & develo- 077658
additives to seedbeds to **imporve transplant** 081509
in plantbeds & on **newly transplanted** tobac- 079748
methods & results of **ovum transplantation** in 075443
absorption of rice **plant transplanted** as you- 077783
in control of weeds in **transplant rice.** 079448
interbreed **zygote transplant** in sheep. 074531

TRANSPORTATION
an economical means of **transportation.** 080917
Accumulation, transport & efflux of chlorine 077965
Active transport of potassium & other alkali 080667
organization of **agricultural transportation** in 072887
of unloading & **transporting** in **agriculture.** 080826
Anion transport in beef adrenal cortex mito- 074624
Polar **auxin transport** & auxin-induced elon- 077881
Transportation of **beech**-wood from forest to 076455
Steps to reduce loss in **cereal transport.** 073203
alba on electron--**transport components.** 077621
Transport means for **farm** materials (Review 080966
Harvesting transports of sugar beet leaves [073007
Studies on **harvesting, transport** & storage of 074248
Harvesting transports of sugar beet leaves [080823
nonlinear dependences. [**Log transportation**] 076470
Transport of **microspheres** in genital tract of 074668
Rationalization of **milk transportation**--mut- 073262
dark grown seedlings. III. **Transport model** 077272
of milk **transportation--mutual** responsibility 073262
in greenhouses. [**Transportation, packaging**] 080954
Logging & **transportation** of **pine** wood trun- 076457
boron in growth & sugar-**transport processes** 077834
of standard 25791 **regarding transportation** 073208
Marketing & **transportation situation.** 073324
of harvesting & **transport** of **small**-sized wo- 076310
Effect of anoxia on **sugar transport** in avian 074565
roles of boron in growth & **sugar-transport** 077834
Regulation of **sulfate transport** in Neurospo- 077328
Transport system in greenhouses. 080770
Transportation system in greenhouses. 080771
Planning of felling & **timber transportation** 076469
Planning a system for **timber transport.** 076502
Transport of **L-tryptophan** from cerebrospin- 074664
methods of **transport** on **unesterised** fatty ac- 074553
distances of harvesters & **transport vehicles** 080844
Transportation of **windfall** trees in relation 076458
A critical analysis of **wool transport** in Aust- 073346

TRAPACEAE
of conducting system of **Trapa natans** L. [A- 076988
distribution of assimilates in **Trapa natans** L 077493

TRAPS
Weather conditions & spore **trap catches** of 079055
dynamic effect of **traps functioning** on princ- 079139
pheromones for **trapping** of three **harmful** le- 079796
acid treatments to produce **lethal traps** for 079888
tobacco budworm with **light traps.** [Heliothis 079706
spruce bark-beetle by **mechanical traps.** [Ips 079900
borer Ostrinia nubilalis Hb./ **trap working** 077906

TRAUMA
Traumatic dislocation of elbow. [Cats]. 076152
management of patient with **trauma** of **thor-x.** 075547

TREES
from sycamore (Acer pseudoplatanus) **trees** 078233
a short history of program & list of **trees.** 078647
Plant a **tree!**[Landscaping]. 078767
problematics of a crop: **almond tree.** [Prunus 078616
Experimental mutagenesis of **apple-tree.** I. 077085
magnesium of "Golden delicious" **apple tree** 077994
of cytokinins in xylem sap from **apple trees** 078057
properties on development of **apple-tree** root 078149
of actin-resistant tissues of **apple tree** bark 078191
Apple trees from flora of east Asia in Apshe- 078622
Virus effects on performance of **apple trees** 079180
Tarsonemid mites on **apple trees** in Poland. 079865
Tarsonemid mites on **apple trees** in Poland. 079866
properties on development of **apple-tree** root 081182
Effect of fertilizers on **apple tree** yield. 081491
of sapwood of pruned **apricot trees.** [Fungi, 078915
Better facts to beat **artificial tree.** [Christm- 076428
Registered **avocado trees;** a short history of 078647
Grow your own **avocado tree.** 078866
with graft-incompatibility in **avocado trees.** 079184
aerial applications of zinc to **avocado trees.** 079257
Fertilization of **avocado trees.** 081325
Tree of **balsam** of Peru. [Populus tacamaha- 076767
of actin-resistant tissues of apple **tree bark** 078191
permissible values of **trees becomming** dry in 076314
Tree breeding as a forest management suppl- 076336
Flowering periods of **tree** & **bush** fruits. 078038
with time in logging of windfall **trees caused** 076258
Segregation of foliage from **chipped tree** tops 076551
debarked chips from a whole-**tree chipper.** 076552
issues pertinent to **Christmas tree** industry. 076180
Growing **Christmas trees** as a business vent- 076243
origins of Scotch pine for **Christmas trees** in 076345
Developing **Christmas trees** for South Carol- 076346
Christmas tree marketing; a bibliography (1 076427
facts to beat artificial tree. [**Christmas trees** 076428
control in New Hampshire **Christmas tree** p- 079270
Aphis spiraecola Patch between **citrus trees** 079849
as a guide to fertilization of **citrus tree.** 081504
infestation by nematodes of **coniferous tree** 079232
for obtaining branches from **tree crowns.** 076352
contamination in pine **trees determined** by 076233
Fruit **tree disease**-insect control. 079362
resistance of stands & plus-**trees** of **european** 076371
Damage to **forest trees** by lowering of water 076231
Thinnings: reconsidered. [**Forest trees**]. 076368
of tenth Lake States **Forest Tree** Improvem- 076409
rainfall on increment of **forest trees** in seas- 078235
release of volatile chemicals by **forest trees** 078245
at Union Camp. [Georgia, **forest trees**]. 081525
of determination of value of **fruit trees.** 072924
industrial complex Burgas. [**Fruit trees,** gra- 073050
growth, nutrient composition of **tree, & fruit** 078019
Growth of calluses on **fruit trees** grown toge- 078090
Defoliation of rootstocks & young **fruit trees** 078749
Some cryptogamic diseases of **fruit trees.** 078912
Cryptograms: how to protect **fruit trees.** [A- 079010
Winter-autumn treatment of **fruit trees.** [Fu- 079086
Research on bacterial diseases of **fruit-trees.** 079122
Research on bacterial diseases of **fruit-trees.** 079123
of frost & hail injuries to **fruit tree.** 079358
Fruit tree disease-insect control. 079362
herbicides for weed control in **fruit-tree** & c- 079460
of pneumatic devices for **fruit-tree** pruning. 080877
forest soils on slopes by planting **fruit trees.** 081590
Growing **tree fruits** & nuts in home orchard 078774
complex Burgas. [Fruit **trees, grapes**]. 073050
Effect of fenuron on **trees** & **grasses.** [Weed 079577
Growing tree fruits & nuts in home orchard 078774
Nursery spacing container-**grown trees.** 076351
Growth of calluses on fruit **trees grown** toge- 078090
Maine **Tree Growth** Tax law. 076284
application & fruiting on **tree growth,** nutri- 078019
virus complement on apple **tree growth.** 079181
Lake States Forest **Tree Improvement** Conf- 076409
issues pertinent to Christmas **tree industry.** 076180
of entomophagous insects to **trees infested** w- 079889
Withering of Pinus **trees injuried** by Tehcod- 079273
Cultivation of **larch trees** out of its range of 076366
of timber in technology of **tree-length** logs 076495
Maine Tree Growth Tax law. 076284
nutrition of Satsuma **mandarin trees.** II. Eff- 078019
Christmas **tree marketing;** a bibliography (1 076427
diploid, triploid & tetraploid **Morus trees.** 077019
Nutritional status of **olive tree** of Ebro basin 078181
Saplings & surgery. [**Ornamental trees**]. 078661
Reaction of apricot & **peach trees** on applic- 078066

amino acids in leaves of **peach trees** & almo- 078187
Comparative responses of **peach trees** to ch- 078681
in leaves, shoots & fruits of **peach trees** in r- 078739
Responses of **peach trees** to herbicides, mul- 078867
of green peach aphid on **peach trees** & role 079803
Production potential of apple & **pear trees** in 078636
on surface of aerial organs of **pear-tree** & st- 079122
in estimating time consumption **per tree** of 076296
chloride] contamination in **pine trees** deter- 076233
Inducing lightwood in **pine trees** by paraquat 076405
Experiments in pollination of **pine trees**. [P- 078212
chloride] contamination in **pine trees** deter- 081869
Withering of **Pinus trees** injuried by Tehcod- 079273
Shall we **plant trees** or build buildings? 072685
New Hampshire Christmas **tree plantations** 079270
Actual problems of **tree planting** in Poland 076401
Stocks for grafting **plum trees**. 078784
A universal preparation for **tree protection** 076199
A **provisional tree** seed-zone & cone-crop rat- 076407
of pneumatic devices for fruit-**tree pruning**. 080877
Tree-raising on fruit farm-an essay on mang- 072907
properties on development of apple-**tree root** 078149
A provisional **tree seed**-zone & cone-crop rat- 076407
shortleaf pine progenies from **trees selected** 076330
consideration of measures of **tree shaping**. 078704
structure of root systems of **trees & shrubs** 076953
Some **trees & shrubs** with variegated foliage 078799
matter, & in soil beneath **sprayed trees**. 080050
of economically important **spruce trees** in C- 076379
Life in **tall trees**. [Ecosystem]. 076871
of foliage from chipped **tree tops** & limbs. 076551
Three new **trees** from **Tropical** Africa (Laur- 076603
by nematodes of coniferous **tree trunk** pests 079232
debarked chips from a **whole-tree** chipper. 076552
Transportation of **windfall trees** in relation 076458
in race with time in logging of **windfall trees** 076258
Effect of fertilizers on apple **tree yield**. 081491

TREFOIL
for seedling vigor in **birdsfoot trefoil**. 077068
of red & alsike clover & **birdsfoot trefoil**. 078337

TREHALOSE
Metabolism of **trehalose** in **Euglena** gracilis 077570

TREMATODA
as well as cestodes, nematodes & **trematodes** 073696
lake system as **additional trematode** hosts. 080171

TRENCH
Desilers for **trench silos**. 080865

TRIALEURODES
whitefly (**Trialeurodes vaporariorum** Westw. 079850
Study of **Trialeurodes vaporariorum** (Westw- 080161

TRIALLATE
On problem of **triallate poisoning** of livesto- 076165

TRIAMCINOLONE
pigs treated with **triamcinolone acetonide**: an 075626

TRIANGLE
Bananas solicit wealth from **Triangle**. [Braz- 072855

TRIASSIC
Permo-Triassic subsurface palynology from 076751

TRIATOMINAE
in several species of **Triatominae** (Hemiptera 080348

TRIAZINE
Decomposition of **triazine herbicides**. 079552

TRIBAL
Coleoptera. II. **tribe Bothrosternini**. 080419
A review of **tribe Echinophoreae** (Umbellife- 076654

TRIBOLIUM
measure of developmental time in **Tribolium** 080213
rate in X-irradiated pupae of **Tribolium**. 080248
doses of phosphine. [**Tribolium confusum**, Si- 079933
Oxygen toxicity in **Tribolium species**. 079924
of Oryzaephilus spp. & **Tribolium spp.** on 2 079923

TRIBUTYL
of **s,s,s-tributyl phosphorotrithioate** & magn- 077958

TRICHINELIASIS
of Zbigniew Kozar: **Trichinellosis**. [Trichinel- 075974
on mast cells in **experimental trichinellosis** 075591
link of **trichinellosis** in **industrial** swine far- 075589

TRICHINELLA
industrial swine farms. [**Trichinella spiralis**] 075589
trichinellosis in mice. [**Trichinella spiralis**]. 075591
larvae & adults of **Trichinella spiralis**. 075677
Losses due to **Trichinella spiralis** invasions 075754
Kozar: Trichinellosis. [**Trichinella spiralis**. 075974
in mice infected with **Trichinella sprialis**. 075590

TRICHINOSCOPE
mechanisation of **trichinelloscopy** of **swine**. 075705

TRICHINOSIS
of trichinelloscopy of swine. [**Trichinosis**]. 075705

TRICHOBOTHRIA
SEE HAIR

TRICHOGRAMMA
chemosterilant feeder & **Trichogramma spp.** 079699

TRICHOLOMA
Two new species of **gian Tricholoma**. 076772

TRICHOMES
bioassay by inhibition of **trichome-migration** 079423
of elements of **trichome** of **nerves** & limbs of 076885

TRICHOMONIASIS
Trichomoniasis in **cattle**. 075926

TRICHOPHYTON
SEE MONILIACEAE

TRICHOPLUSIA
looper in Rolling Plains. [**Trichoplusia ni**]. 079854
correlates of attraction in **Trichoplusia ni**. 080318
from cabbage looper larvae. [**Trichoplusia ni** 080339

TRICHOPTERA
of Drusus annuatus Stephens (**Trichoptera**: 080411
on distribution of caddisflies (**Trichoptera**) in 080554
of European Annulipalpia (**Trichoptera**). 080614
Hydropsychidae (**Insecta, Trichoptera**). III 080640
nervosa Curt. (**Trichoptera, Limnephilidae**) 080423
polyhedrosis virus of a **caddisfly, Neophylax** 080340

TRICHOSTRONGYLUS
Interaction of **Trichostrongylus axei** & Hae- 075698

TRICHOTHECIN
Effect of **Trichothecin** on **damage** to winter 079072

TRICUSPID
Surgical approach to a **tricuspid stenosis**. [075563

TRIENE
identification of a novel C28 **triene, ergosta** 077502

TRIFLURALIN
rhizome control in soybeans with **trifluralin**. 079518
incorporation of **trifluralin** & **nitralin**. [Weed 079594

TRIFOLIUM
SEE LEGUMINOSAE

TRIGLYCERIDE
of dietary medium-**chain triglycerides** in rat 074967
Effect of medium **chain triglycerides** & dieta- 074974
Triglyceride digestion & absorption in locust 080200
carbohydrate: **triglyceride interrelationships** 073747
in structure of **triglycerides** from **maturing** 077823
intake, obesity, blood **plasma triglycerides** 074751

TRILLIUM
haploid plant of **Trillium smallii**. 076944

TRIMETHOPRIM
evaluation of **trimethoprim & sulphonamides** 075826

TRIMETHYL
Alkyl 3,7,11-**trimethyl**-2,4-dodecadienoates, 079643
acid & (2-chloroethyl) **trimethyl-ammonium** 078095

TRIMETHYLAMINE
of **dimethyland trimethylamine** in fish prote- 073635

TRIMETHYLAMMONIUM
chloroethyl)**trimethylammonium chloride** on 076985
chloroethyl)**trimethylammonium chloride**] u- 077883
chloroethyl)**trimethylammonium chloride** on 077890
chloroethyl) **trimethylammonium chloride**. 079385

TRIPHENYL
Antifeeding property of **triphenyl tin** acetate 079663

TRIPHOSPHATASE
activated **adenosine triphosphatase** from sug- 077837
calcium ions on **adenosine triphosphatases** f- 077838
ATPase [**adenosine triphosphatase**] in spina- 078007

TRIPHOSPHATE
Evolution of **adenosine triphosphates**-adenos- 080177
Nucleoside **triphosphate metabolism** in musc- 075716

TRIPLOIDS
virus & frequency of **triploids & aneuploids** 079168
Microphthalmia in **triploid chicken** embryos 074613
of seed properties in **diploid, triploid** & tetr- 077019

TRIS
SEE TROMETHAMINE

TRISOME
Study of **trisomic forms** of rye (Secale cerea- 077056
monosomy, & multiple **monosomy-trisomy** 074736

TRITERPENES
On **triterpenes**. XXIX. On structure of aven- 077923
timbers. XIV. **Triterpene glycosides** of Acac- 078204
XIII. Jingullic acid, a **triterpene** of **lupane** s- 078203
Triterpene metabolite of Trametes stowardii 077345
Triterpene methyl ethers of Cortaderia sple- 077522

TRITERPENOIDS
Triterpenoids from **Trichilia** havanensis Jacq 077390

TRITICALE
Characteristics of **crossing Triticale** (2n = 077192
analysis of hybrids from **crossing triticale** (077214
investigations in **hexaploid Triticale**. II. Me- 077093
Developing of a primary **hexaploid Triticale** 077257
Triticale returning to scene. [Culture]. 078538

TRITICUM
first division of meiosis in **Triticum aestivum** 076931
of chromosome 5B from **Triticum aestivum** 076934
in intervarietal crosses of **Triticum aestivum** 077133
nullisomic lines in wheat (**Triticum aestivum** 077151
of winter wheat (**Triticum aestivum**, L.) vari- 077657
hard red spring wheat, **Triticum aestivum** L. 077659
of a soft wheat (**Triticum aestivum** L.) assor- 079064
of winter wheat (**Triticum aestivum**, L.) vari- 081311
at first stage of **Triticum durum** variety Ou- 077625
number & size in **Triticum monococcum** L. 076917
analysis of **Triticum paleocolchicum** Zhuk. 077253

TRITIUM
Petunia pistils labeled with **tritiated myo-in-** 076880

TROMBICULIDAE
species (Acari: **Trombiculidae**) of possible m- 080008
chiggers (**Acarina, Trombiculidae**). [Xenodo- 080569

TROMBIDIFORMES
Trombidiformes, Tenuipalpidae). 080652

TROMETHAMINE
fluorescence characteristics of **tris-treated** & 078133

TROPICAL
Three new trees from **Tropical Africa** (Laur- 076603
of turning into desert in dry **tropical Africa**. 076813
Species of fruit in **tropical America**: Solana- 076672
Species of fruit in **tropical America**: Anacar- 076673
other biology of giant **tropical ant** Paraponeu- 080394
its development in **neotropical army** ant ge- 080396
different types of Southeast **Asian tropical** r- 081162
New & little known **Neotropical Coleoptera** 080625
New & little known **Neotropical Coleoptera** 080627
of turning into desert in **dry tropical** Africa. 076813
cool-season regrowth of two **tropical forag** e 077664
release of mineral nitrogen in **fresh tropical** 081088
Import of vegetables, fruits & **tropical fruits** 073252
Rhythms & other biology of **giant tropical** 080394
mineral nutrition of several **tropical grasses** 077702
survival of perennial **tropical grasses** in nor- 077774
New & little **known Neotropical** Coleoptera 080625
New & little **known Neotropical** Coleoptera 080627
Growth & survival of **perennial tropical** gras- 077774
Weed control in **tropical plantation** crops. 079548
Puddling tropical rice soils. 2. Effects of wa- 081571
manganese dynamics in a **tropical rain** forest 078214
Cicada populations on palms in **tropical rain** 080390
types of Southeast Asian **tropical rain** forest 081162
Coleoptera) of **Neotropical Region**. 080469
of man & animals in **tropical regions**. [Basid- 075671
Puddling **tropical rice** soils. 2. Effects of wa- 081571
Neotropical Scolytoidea. XII. 295. Contribu- 080622
on mineral nutrition of **several tropical** gras- 077702
pallida (Olivier, 1791), a **Neotropical social** 080283
of mineral nitrogen in fresh **tropical soils**. 081088
I. species of **tropical & subtropical** South 076700
composition of some **tropical & temperate** p- 077687
Gluing ability of veneer from **tropical wood** 076571

TROPICS
University for work in **tropics & subtropics**. 072680

TROPISM
Tropism of **Mycoplasma** gallispeticum for ar- 076289

TRUCKS
Automatic loading & **unloading trucks**. 080867

TRUFFLES
Truffle: Its ecology. [Culture]. 078618

TRUNK
Effect of soil treatment on **trunk diameter** 081550
of fatex sucrose along **trunk** of **Hevea** brasil- 077487

by nematodes of coniferous tree **trunk pests** 079232
Change in anatomic structure of **Salix trunk** 076999
transportation of pine **wood trunks** from sto- 076457
Coleoptera Scolytidae) on **trunk** of **young** m- 079912

TRYPANOSOMA
Isolation of **Trypanosoma** (Trypanozoon) rh- 075595
fluid in rabbits infected with **Trypanosoma** 075794

TRYPANOSOMATIDAE
Effect of **trypan blue** administration on mor- 075441

TRYPETIDAE
SEE TEPHRITIDAE

TRYPSIN
Trypsin inhibitor activity of cowpeas (Vigna 073744
Trypsin inhibitor from bovine pituitary. 074502
Proteolytic & **trypsin inhibitory** activities in 078114

TRYPTOPHAN
of L-**tryptophan** from **cerebrospinal** fluid in 074664
Determination of **free tryptophan** on autom- 077567
of broilers at various **tryptophan levels** in di- 074809
nitrogen fertilization on **lysine, tryptophan,** 081340
modification of **tryptophan**-149 in **ovine** pitu- 074562
of activity of **tryptophan synthase** of selected 077566

TSETSE
quantification of glycoglen in **tsetse fly** (Glo- 080226

TSUGA
SEE PINACEAE

TUBE
Tubing fumigation method for selection of p- 076227
structural comparison of cyst & **germ tube** 076973
pollen germination & pollen **tube growth** in 077398
In vitro germination & pollen **tube growth** of 077879
concerning parameters of **outlet tubes** with 080985
Sieve-**tube plastids** of Hamamelididae) elect- 076798
of a sexual dimorphism in **tubular scent** gla- 080247

TUBER
of sugars in Raphanus sativus L. **Tubers.** [R- 078109
diesterase in Jerusalem **artichoke tubers.** 078138
acid composition of **tubers** from **different** va- 074288
interrelationships between **tuber formation** 078186
of disinfection of seeds & **tubers** in **Great** Br- 079927
johnsongrass & **tubers** of **nutsedge.** [Cynodon 079478
Lipids of **potato tubers.** II. Lipid-degrading 074289
Lipids of **potato tubers.** 1. Lipid & fatty acid 078060
in different varieties of **potato tuber.** 078061
transglucosylases from **potato tubers.** 078160
Problem of dry rot of **potato tubers.** [Fusari- 079058
on yield & quality of **potato tubers.** 081292
host range of potato **spindle tuber** "virus". 079148
produced by Solanum **tuberosum tubers.** [Po- 078119

TUBERCULINS
PPD [purified protein derivative] **tuberculin** 075651
protein derivative] **tuberculin** for **cattle.** 075870

TUBERCULOSIS
Diagnosis of **tuberculosis** in **cattle** with spec- 075651

TUBOCURARINE
of d-**tubocurarine** into **hypothalamic** areas. 074511

TULIP
After flowering of **tulips.** 078798
Effects on **tulip bulbs** of warm storage follo- 078055
of out-of-doors & tunnel **grown tulips.** 078049

TULIPAE
bulb growing. [Labor **requirements, Tulipa**] 072922

TULIPIFERA
SEE LIRIODENDRON

TUMOR
Sertoli-**cell tumor** of testicle in a 19 year old 076020
Feline virus-**induced tumors** & immune resp- 075623
protoplasts of normal & **tumorous origin** to 077535
of reverse transcriptase in **plant tumour** tiss- 079166

TUNDRA
Mycorrhiza in **tundra plants** of north eastern 077419

TUNNELING
Vegetation to control **tunnel erosion.** 081573
qualities of out-of-doors & **tunnel grown** tuli- 078049
Low cost plastic-film covered **growth tunnels** 080796

TUPPING
Rams at **tupping.** 074490

TURBIDIMETRIC
Calculation of **turbidimetric microbiological** 073715

TURF
of annual bluegrass (Poa annua L.). [**Turf**]. 078620
for controlling mole crickets in **turf.** 079798
Turfgrass pest control. 079299
Progress in control of **turfgrass weevil,** a sp- 079799

TURKEY
growth plates of two long bones of **turkey.** 074782
requirements for chickens & **turkeys.** 074927
ammonium salts in feed rations of **turkeys.** 074993
High altitude reproduction. [**Turkeys**]. 075221
causes of failure of herpesvirus of **turkeys** (s- 075624
of mycoplasmosis in chickens & **turkeys.** 075670
isolated from chickens & **turkeys:** its applic- 075777
Perosis in **turkeys.** 076052
to cytotaxonomic study of Salvia in **Turkey.** 076776
subsequent performance of **turkey breeder** h- 075055
medium-type Broad-**Brested turkeys.** 074523
species. [Mice, swine, **cattle, turkeys**] 5. 074590
Turkey & chicken response to a new antibio- 074898
Tests with **turkeys & ducks.** [Feed]. 074881
for arterial walls. [**Turkeys, encephalopathy** 076289
sugar industry of **Turkey, & European** Econ- 073513
of meat production with **turkeys, geese, &** d- 075207
Structural change in **turkey hen** fattening. 075126
at lighting on reproduction in **turkey hen.** 075322
crops & normal crops of **turkey hens.** 074744
on lyophilized HVT [**Turkey herpes** virus] v- 075675
In vitro assay of **turkey herpes** virus (HVT) 075779
transmission of **turkey herpesvirus** to chick- 075812
Effect of antibiotics on **turkey herpesvirus** v- 075816
of Arizona-disease **infected turkey** poults. 075665
growing & finishing diets for **large turkeys.** 074902
Turkey Leucocytozoon infection. 1. A rapid 075805
some avian species to **turkey Leucocytozoon** 075808
White parthenogens & normal **turkey males** 074753
on heat denaturation of **turkey meat** myogl- 074067
on storage stability of **turkey meat.** 074071
revaccination of **turkeys** with **Newcastle** dis- 075656
Small White parthenogens & **normal turkey** 074753
Peristenus stygicus from **Turkey,** a **potential** 079808
amino acid levels for starting **turkey poults** 075052
Linoleic acid requirement of **turkey poults.** 075059
of Arizona-disease infected **turkey poults.** 075665
depletion of sulfaquinoxaline in **turkey poults.** 075725
Growth of cage **reared turkeys.** 074750
amino acid levels for **starting turkey** poults 075052
Pathology & aetiology of **turkey syndrome** ' 075833
of hatching eggs in large **White Turkeys.** 073072

TURNIPS
Application of herbicides to **crops turnips &** 079493
in a single test. [**Rape, turnips**]. 077993
dehydrogenase acitvity in **turnip & rice** plan- 077781
of 5'-terminal of **turnip yellow** mosaic virus 079202
with replication of TYMV [**Turnip yellow** 079209

TUSSILAGO
dangerous weed. [**Tussilago farfara**]. 079436

TUSSOCK
Douglas-**fir tussock** moth. [Pseudotsuga me- 079914
Means of **improving tussock**-meadows in flo- 081568

TWIGS
Ecological studies on chestnut **twig borer,** T- 079793
Mechanisms of its infection to **dead twigs.** 079076
Influence of pinching of fruicti **ferous twigs** 078619

TWINS
Dynamics of growth rate of **calves--twins** in 074776
of dairy cattle traits by **twin method.** 075420
Evolutive parallelism in two **twin species** of 080190

TYDEIDAE
of tydeid mites (**Acariformes, Tydeidae**) fau- 080583
of genus Paralorryia (**Acariformes, Tydeidae** 080653

TYDEUS
Crimea. [Triophtydeus, **Paralorryia, Tydeus**] 080583

TYLENCHIDAE
Tylenchorhynchus **dubius, Paratylenchus** h- 081035
Helicotylenchus **multicinctus, Radopholus** s- 079357
its control. [**Tylenchulus semipenetrans**]. 079364
of population of **Radopholus similis** in bana- 079354
of burrowing eelworm, **Radopholus similis** (079653

TYLENCHORHYNCHUS
of nematodes. [**Tylenchorhynchus dubius,** P- 081035

TYLOSIN
identification of **furazolidone, tylosin,** & zoa- 074322
Effect of **tylosin & sulfamethazine** on natura- 075902

TYPHUS
equipment in relation to cases of **typhus.** 075874

TYROPHAGUS
mites. [Acarus siro, **Tyrophagus putrescenti-e,** 079935

TYROSINE
Steric course of **tyrosine ammonia**-lyase rea- 077848
Phenylalanine & **tyrosine ammonia**-lyase act- 079344
Tyrosine & catecholamine metabolism in wi- 080320

UDDERS
abscess incidence on **udder & fattening** past- 075847
content of sheep according to **udder indices** 074491
Corynebacterium genus in **udders** of **milking** 075750

ULCER
Gastric ulcer in swine: its causes & treatme- 076036

ULMUS
multistriatus: a revision. [**Ulmus americana**] 078226

ULTRAFILTRATION
SEE FILTRATION

ULTRASONICS
Ultrasonic desintegration of Brucella. 075601
testing by **ultrasonic measurement** under as- 074466

ULTRASTRUCTURE
Ultrastructure of **abdominal** air sac of fowl. 074781
Ultrastructure of **anal** papillae of a salt-wat- 080316
A study of **ultrastructure** of **carotenoplasts,** 077001
Ultrastructural changes in intercotyledonary 075250
Ultrastructural changes in experimental enz- 075830
Ultrastructural changes in lungs of pigs infe- 075839
Monotropa uniflora: **ultrastructural details** of 076894
Ultrastructure of **dormant** & germinated spo- 079062
Ultrastructure of **lipid** deposits & other con- 076906
Biological & **ultrastructural modifications** of 075740
Pigments & **ultrastructure modifications** in d- 077338
Ultrastructure of **motor** end-plates in slow 074616
changes of **ultrastructure** in slow **muscle** fib- 074617
histochemical & **ultrastructural observations** 074501
Ultrastructure of **tomato** bushy stunt virus s- 079173

ULTRAVIOLET
month-old lambs to normal & UV[**ultraviolet**] 075588
by examination of their **ultraviolet, infrared** 077525
lesion formation by **ultraviolet irradiation** on 079158
of meiotic yeast cells to **ultraviolet light.** 077081
Effect of **ultraviolet-light** interruption on fl- 078011
ethyleneimine & **ultraviolet** & gamma **rays.** 077101
Ultraviolet spectral determination of lignin. 073912

UMBELLIFERAE
Umbelliferae in 1672 & 1972. 076652
review of tribe Echinophoreae (**Umbelliferae**) 076654
A new genus of **Umbelliferae** (Tordyliinae) f- 076655
A survey of Phlyctidocarpa (**Umbelliferae**) 076923
in Siberian representatives of **Umbelliferae.** 077580
growth & development of **Heracleum species** 077465
mycoflora of fennel (**Foeniculum vulgare** Mi- 078986

UNDERDEVELOPED
in technically **underdeveloped societies.** 073802

UNDERFEEDING
SEE FEEDING

UNDERGROUND
Changes in **underground biomass** & annual i- 077940
hydrogeological studies. [**Underground water**] 076979
Underground water conveyance system--a m- 081640

UNDILUTED
SEE DILUTION

UNEMPLOYMENT
SEE EMPLOYMENT

UNFERMENTABLE
SEE FERMENTATION

UNGERMINATED
SEE GERMINATION

UNGUICULATA
activity of cowpeas (**Vigna unguiculata**) & b- 073744
two varieties of cowpea, **Vigna unguiculata** 078340
virus infecting cowpeas (**Vigna unguiculata**) 079150

UNICELLULAR
SEE CELLS

UNIFORMITY
Coefficient of **uniformity** (Cul) in a plantati- 081665
Uniformity--a **must** for effective microbial c- 073612
methods on cost load of **nutrient uniformity** 073063

UNILATERAL
fertility along "horizontal **unilateral cordon** 078613
of uterus & ovaries & **unilateral luteolytic** ef- 075449

UNITS
Unit for **accelerated** reproduction of plant b- 077182
sewage disposal by **agricultural units,** 1970 081349
A stabilized drop for **unit-area** sampling of i- 079637
forms of selected fattening **bull units** in Lo- 072935
Working conditions in **dairy units.** 074468
soils with use of an aerodynamic **field unit.** 081580

Corn maturity & Ontario corn **heat units.** 077728
storage & disposal from intensive **pig units.** 081859
agriculture & size of its **production units.** 072965
of tobacco mosaic virus **protein unit** 150-158 079160
for determining quality & **quality units** of gr- 078578
organisation in a young-cattle **rearing unit.** 072932
in converting existing kraft **recovery units** f- 081857
A **unit** for **soilless** culture of grape seedlings 078806
of disulfide bonds & **subunit structure.** 080665
of tractor-mounted plowing & **tilling units.** 080987
Feasibility of **unit trains** for moving apples 073326
a focus of "Q" fever in a **zootechnical unit.** 075758

UNSTABILIZED
SEE INSTABILITY

UPLANDS
Sheep--management of **upland flocks.** 074428
annual increment in an **upland grassland** of 077940
for amorphous matters of **upland humic** soils 081164
on growth & grain production in **upland rice** 077732

URBAN
Maintenance of **urban forest.** 076347
of bark of Saccoglottis **gabonensis Urban (** 077403

URBANIZATION
of "rurality" under **urbanization.** III. Its an- 072661

UREA
retted with & without an addition of **urea.** 074192
dimethyl-3-(3,4-dichlorophenyl) **-urea],** sima- 079534
On fertilizing with **urea.** [Field crops]. 081318
Foliar feeding of potato plants with **urea.** 081329
fertilizers by chemical modification of **urea:** 081391
micelles. III. Influences of **urea** & **acetamide.** 073951
Fibril rings in **alkali-urea** treated polytene 080278
I. Metabolism of **urea** & **ammonia** in heifers 074706
Influences of temperature & **urea** on casein 073952
Physiological estimate of **urea concentrates** 074706
free from pure protein but **containing urea** 074925
of leaf senescence by **urea cytokinins** in Ra- 078120
Urea & diammonium citrate for laying hens. 075048
Supply of **feed urea** in ruminant feeding: Hi- 075122
An efficient method of **feeding urea** to livest- 075130
Use of **urea** for **fertilizing** under different c- 081280
structure & properties of **urea formaldehyde** 076451
on starch. 1. Effect of **urea** on **gelatinization** 074261
Investigations with **labelled urea** on lactating 074864
Effect of **magypsum urea** on rice. 081503
additions of effectiveness of **nitro-urea** NPK 081323
Urea as a **nitrogen** supplement to corn silage 074324
ruminants. 3. Utilisation of **urea-nitrogen.** [074864
additions of effectiveness of nitro-**urea NPK** 081323
mixtures of compounds with **urea** as **NPN-s-** 074546
carbamate, toluidine & **urea pesticides.** 080136
veneer from tropical wood used **urea resin** a- 076571
guanidine hydrochloride or **urea solutions.** 080664
Urea as a **source** of nitrogen fertilizer for g- 081316
Effect of **urea supplementation** on intake & 074959
Fibril rings in alkali-**urea treated** polytene 080278
Effect of **urea** with **varying** amounts of biuret 081289

UREAFORM
model to prepare copper-**enriched ureaform** 081467

UREDINALES
study of **Uredinales** from south of **France.** 076809
to Indian leaf rust races. **[Uredinales, wheat** 077254

URETHRA
Kidneys & **urethra.** [Dogs, surgery]. 075483
correction of prolapse of **urethra** in **male.** [076015

URETHROSTOMY
techniques for **urethrostomy** in **male** cat. 075535

URGINEA
SEE LILIACEAE

URIC
Newcastle & **urate deposition** diseases in po- 075770

URIDINE
Activity of **uridine diphosphate-**d-glucose-4- 078233
Stimulation of [3H] **uridine incorporation** i- 074544

URINE
Escherichia coli isolated from **urine** of **dogs** 075629
of fetal gonads to **urinary estrogen** excretion 075183
noradrenaline level, its **urinary excretion** & 074516
chromatographic test for **mammalian urine** 073578

UROCYSTIS
against onion smut, **Urocystis magica.** 079053

UROGENITAL
Urogenital abnormalities in two calves. 076095

UROLITHIASIS
which predispose to **urolithiasis** in **cattle** fe- 076014
Cystine urolithiasis. [Dogs]. 076072
Silica urolithiasis in dogs fed an atherogenic 076058
Surgical treatment of **urolithiasis** in **veal** cal- 076069

UROMYCES
of ozone on bean rust **Uromyces phaseoli.** 078940

USTILAGO
infection of corn with **Ustilago maydis** (DC) 079039
for resistance to smut. **[Ustilago scitaminea]** 079080
derivatives. **[Ustilago sphaerogena].** 077347
Smut & bunt of wheat. **[Ustilago tritici].** 078892
of pollen spores of **Ustilago tritici** on stigm- 079071

UTERUS
Sperm penetration of pig eggs in **utero.** 075282
unilateral luteolytic effect of **uterus:** a local 075449
Uterine calcium-binding protein in laying f- 074594
Relationship between **uterine cysts** & ovarian 076007
death in sheep by **intrauterine injection** of a 075263
Effects of section of **utero-ovarian** vascular 075272
fetuses incubated in **utero** with **SMEDI** (en- 075620
on reduced activity of **swine uterus.** 075404
on motility of **uterus** in **vitro.** 075337

VACATIONS
Vacation on **farm:** results of an inquiry conc- 072657

VACCINATION
viral diseases of poultry by **vaccination.** 075820
nodosus in normal, **affected, vaccinated** & p- 075641
associated & separate **vaccinations against** h- 074825
Vaccination against Marek's disease: possib- 075624
Recent advance in **vaccination against** Erch- 075878
of blood sera of chickens **vaccinated against** 075888
of simultaneous **vaccination against** leptospi- 075959
feasibility of associated **vaccination against** 075961
associated & separate **vaccinations against** h- 075962
with use of combined **vaccination against** hog 075969
Antirabies vaccination of animals in France 075824
reaction of organism in **vaccinating baby** pigs 075968
to challenge induced in **chickens vaccinated** 075916
Combined vaccination of swine in fattening 075745
newborn: ovine & bovine **fetuses vaccinated** 075614
Vaccination & revaccination of turkeys with 075656

VACCINES
with Brucella abortus bovis No 19 **vaccine.** 075605
HVT [Turkey herpes virus] **vaccine.** 075675
Utilization of some **vaccines** in 1968--1970. 075744
term results obtained with three **vaccines.** [075823
with Brucella abortus bovis No 19 **vaccine.** 075993
of a heterologous (measles) **vaccine against** 075800
testing of saponin **vaccines against** Aujeszky 075889
Efficiency of an inactivated **vaccine against** 075920
with use of TVM-1 **vaccine against** swine fe- 075955
of antibiotics on turkey **herpesvirus vaccine** 075816
guinea-pigs to equine **influencz vaccines.** 075832
disease by means of **vaccine prepared** in cells 075746
Immunological reactions to **vaccine strains** of 075929

VACUOLE
some components from **vacuolar** & **plasmatic** 077919

VACUUM
sausage products in **vacuum shrink** bags. 074010

VAGINA
Studies on **vaginal cytology** during canine o- 075336

VAGUS
of pharyngeal branches of **vagus nerve** & of 074709
Does **vagal stimulation** liberate secretin and 074609

VALENCE
effect on absorption of **monovalent cations** 077786
Valence crosses in rye (Secale cereale). 3. F- 077054
vavilovii as partner in **valence crossings.** 077059
Interlocking of **bivalents** at **first** division of 076931
Genetic control of **bivalent pairing** in Avena 077046
Complex utilization of **polyvalent sera** & ele- 075386

VALLEY
Picea orientalis Link. in **Aragvi Valley.** 076782
in Little Chino **Valley, Arizona.** 081603
Mosquito control crisis in **Central Valley:** 079978
among San Joaquin **Valley cotton** growers. 073131
of some soils of southern **foothill valleys** of 081257
of land systems within **Hunter Valley.** 081554
with sticky tapes in California **inland valleys.** 079987
watersheds on Missouri **Valley loess.** 081547
cotton leaf perforator in **Valley** of **Mexicali.** 079681
of wood industries in **"Model Valley".** 076542
in water resources, **Tennessee Valley,** 1936- 073523
of codling moths in **Wenas Valley** of Washi- 079804
Plant groupings in **Widawka valley.** 076855

VALUATION
Scientific work in **economic valuation** of land 072745
Economic valuation of cooperative business 072935
Operational **economical valuation** of different 072934
Economical valuation of fats used in animal 073264
German Democratic Republic **feed valuation** 074331
German Democratic Republic **feed valuation** 074332
Valuation of **inventories** on cattle farms & t- 073518
On problem of **qualitative valuation** of non-i- 072773
Valuation of **risks** in admittance of horses in 075527

VANADIUM
On effect of **vanadium** on **activity** of catalase 074818
Vanadium uptake by plants. Absorpitin kine- 077853
of zinc, copper, lead & **vanadium** in **volcanic** 081144

VANILLA
for preparation of **vanilla concentrates** by m- 074278
to avoid flavor & body defects in **vanilla ice** 073959

VAPOR
material with concentrated nitric **acid vapour** 076594
of constituents in **vapour** & their **odour** valu- 074243
Water in **vapour phase** & its interactions wi- 073844

VARIA
Chemical control of **Atherigona varia** soccata 079734

VARIANCE
Influence of an **energy variance** & crude pro- 076348
Verification of some **variances** of **raw** juice 074173

VARIATION
Variations in **activity** of certain enzymes of 074824
Small rise & small **annual variation** in use of 080116
Variation of **chloride** & nitrate in leaf & the- 077809
Chronological variations of intensity of long- 077916
grasses in **variations** of N, P & K **content** d- 077790
Variation in **content** of nitrogen, phosphorus 078067
with especial regard to **correlated variations** 076981
dynamics & its **variations** under **crops.** 081181
Adenyl **cyclase variation** during development 080260
hormone in dairy cows; **diurnal variation** & 074504
Diurnal variation in alfalfa (Medicago sativa 077651
A summary of **ecotypic variation** in Eucalyp- 078218
Variation in **estimates** of metabolizable ene- 075060
Quantitative studies on **variations** in **feeding** 074985
of magnitude of additive **genetic variation** of 074628
of mosquito: **geographical variation** in Aedes 080026
Geographical variations in male genitalia of 080370
of mosquito: **geographical variation** in Aedes 080422
Variation in **growth** of seedlings & clones of 077613
How desirable are **variations** in **horticultural** 073174
intake & fasting on 24-**hourly variations** in 074699
arundinacea). II. **Independent variation** of d- 077766
On **intraspecific variation** of Solanum lacini- 076768
hop preparations & **variations** in their **mode** 073815
Moisture variation at soil surface & advance 081270
Monthly variation in fat & solids-not-fat of 073927
Morphological variation of Dicranidion fragi- 076914
a factor of **morphological variation** of conidia 076998
Patterns of **variation** in a **number** of genetic 080620
Patterns of **variation** in a **number** of genetic 080621
Seasonal variations of chemical composition 074990
Seasonal variations in sexual activity of ram 075301
Seasonal variation in flowering of common 077614
Seasonal variation in incidence of malformat- 079218
Variations of **sustained** flight tendency of lo- 080328
Variation & **taxonomic** importance of anato- 076664
Temperature variation within & between ro- 077297
Variation of **unfermentable** reducing substan- 074090
Variations in **uptake** of sodium & rubidium a- 077842
Study of fluctuations **(yearly variations)** of 076867
Variation in **yield** & composition of ilk thro- 074589

VARIEGATED
transferrines of Altai **Black Variegated** & R- 075238
Some trees & shrubs with **variegated foliage** 078799
N-nitroso-N-methylurea. I. **Variegated forms** 077229

VARIETIES
wheat (Triticum aestivum, L.) **varieties** "blu- 077657
of evaluating winterhardiness of **varieties.** 077911
I. Comparison of productivity of **varieties.** 078373
Results of oil plant trials. **[Varieties].** 078408
Chief oats. **[Varieties].** 078500
A good type of wheat. **[Varieties].** 078537
mangoes in Madhya Pradesh. **[Varieties].** 078597
Growing suitable seed potatoes. **[Varieties].** 078715
Field beans & field peas. **[Varieties].** 078753
of wine grapes for New York. **[Varieties].** 078765
Potaotes Ostara & Astilla. **[Varieties].** 078844
wheat (Triticum aestivum, L.) **varieties** "blu- 081311
Specific **variety-adjusted** cultivation in inten- 078309
Alfalfa varieties for Wisconsin. 078249
Alfalfa variety performance trial 1970--1972 078359
How to choose an **alfalfa variety.** 078470
Alfalfa variety test. 078487
New **alfalfa varieties** for irrigated cultivation 078512
on flowering date in **almond varieties.** 078182
drought & heat resistance of **apple varieties** 078195
Cox's Orange Pippin. **[Apples, varieties].** 078687
of Cox's Orange Pippin. **[Apples, varieties].** 078688
Suitability of certain **apricot varieties** in pr- 074304
Lindcove Field Station **avocado variety** trials 078650
Relative resistance of **Bajara varieties** & hy- 079019
Some promising **banana varieties** for Madh- 078609
of important malting **barley varieties** by me- 074095

Reaction of spring **barley varieties** to applic- 081493
level in some wheat, rye & **barley varieties** 077905
Studies on introduced **bean varieties.** 078790
of comparative trials of sugar **beet varieties** 078630
"roxane", a new **Belgian variety** of potatoes: 074301
of Polish-bred edible **carrot varieties.** 077096
Self-blanche--a new **variety** of **cauliflower.** 078762
Praise of new **cereal varieties.** 078559
maturation of some sour **cherry varieties** at 078188
Performance of mazzard **cherry varieties** on 078637
Cherry variety Magda. 078819
susceptibility of certain **corn varieties** to sta- 079756
grain yield of two **varieties** of **cowpea,** Vigna 078340
of cereals against lodging. [**Varieties, culture**] 078560
protection with privately **developed varieties** 073457
protection for publicly **developed varieties.** 073458
protection with privately **developed varieties** 078377
protection for publicly **developed varieties.** 078378
of tubers from **different varieties** of potato. 074288
degrading enzymes in **different varieties** of 074289
fatty acid pattern of **different varieties** of so- 077726
of annual shoots of **different varieties** of gra- 078024
of tubers from **different varieties** of potato. 078060
degrading enzymes in **different varieties** of 078061
on productivity of **different varieties** of spri- 081293
of apical cones of wheat **varieties differing** in 077948
of flowers of winter wheat **varieties differing** 079071
acid composition of some **domestic varieties** 074233
at first stage of Triticum **durum variety** Ou- 077625
attempt to develop a new **eggplant variety** t- 077016
Experimental varieties for intensive sweet c- 078705
of self-incompatibility in a **few varieties** of e- 077074
Screening of **varieties** under **field** conditions 079831
Effect of **variety & former** crop on overwint- 078544
Genetic variety of beta-lactoglobulin in sheep 074834
Value of different **grain varieties** as a source 077933
Grain varieties for 1973. 078404
Selection of **grain varieties.** 078407
Proso **grain variety** tests, 1972. 078442
mixed seeding as a problem in **grass variety** 078575
in some species & **varieties** of **grasses** under 077902
Yield response of soybean **varieties grown** at 078259
Soybeans **varieties grown** & seed production 078467
Region depending on **variety & growth** in so- 074231
antonii S.] on some **varieties** of **Guava.** 079833
Effects of **host variety,** plant maturity, soil 079084
higher dividends. [Rice, **varieties, India**]. 078611
Evaluation of new **variety introductions.** [T- 078416
performance of two **Kapok varieties.** 078308
performance tests with **Lavandula varieties.** 078883
On suitability of **leek varieties** registered in 078700
of foreign, regional & **local varieties** of luce- 078573
pickling as influenced by **variety, location &** 074279
Cherry **variety Magda.** 078819
Study of certain **mangel varieties** under irri- 078792
of important early **mango varieties** of Marsh- 078600
by monosomic analysis in wheat **variety Mex.** 077256
Response of ragi **millet varieties** to agronom- 078434
of three years of trials with **mixed varieties.** 078431
resistance of five **varieties** of **mungo,** Phaseo- 079765
seed culture of **mustard varieties.** 078886
of only productive **oats varieties.** 078546
Official variety test on mild cured tobaccos, 078280
growth of various short-day **onion varieties** 078167
first stage of Triticum durum **variety Oued** 077625
of certain high yielding **paddy varieties.** [Ri- 077824
Response of **paddy varieties** to progressive n- 081437
on fruit quality in some **varieties** of **papaya** 078610
grass species & **varieties** for **pastures.** 078423
selection of **pawpaw varieties** (Carica papaya 077091
Fusarium disease resistance of **pea varieties** 079073
chilling requirements of **peach varieties.** II. 078180
Polyploid apple & **pear varieties.** 076993
Sweet & pimiento **pepper varieties** for Tenn- 078830
Alfalfa **variety performance** trial 1970--1972 078359
Progress in **plant variety** protection with pr- 073457
Plant variety protection for publicly develo- 073458
Progress under U.S. **Plant Variety** Protecti- 073459
Progress in **plant variety** protection with pr- 078377
Plant variety protection for publicly develo- 078378
Progress under U.S. **Plant Variety** Protecti- 078379
Recommended list of annual **plant varieties.** 078726
Effects of host **variety, plant** maturity, soil 079084
beets for feed. [Forage **plants, varieties**]. 078514
Buddleia. [Drug **plants, varieties**]. 078876
Grapholitha funebrana Tr. for **plum variety** 079864
F1 & F2 hybrids & open-**pollinated varieties** 077238
studies on **polyembryonic varieties** of Mangi- 078598
Potato varieties in collection of Institute for 078782
Characteristics of 43 **potato varieties** during 078783
Potato varieties, 1973. 078843
of myrobalan plums of **variety Pozegaca.** 078067
timothy. [Phyleum **pratense, varieties**]. 078282
Experience in growing **prospective varieties** 078558
Progress in plant **variety protection** with pr- 073457
Plant **variety protection** for publicly develo- 073458
under U.S. Plant **Variety Protection** Act. 073459
Progress in plant **variety protection** with pr- 078377
Plant **variety protection** for publicly develo- 078378
under U.S. Plant **Variety Protection** Act. 078379
On suitability of leek **varieties registered** in 078700
of grain of winter wheat **varieties resistant** 077634
grain permits alternatives: **resistant varieties** 079051
between dwarf & tall indica **rice varieties.** 077134
Jayafor higher dividends. [**Rice, varieties,** I- 078611
potential of some high yielding **rice varieties** 081429
heterosides in red & yellow **rose varieties.** 078163
of vegetative organs of certain **rye varieties** 076948
Evaluation of new **rye varieties** & strains wi- 077252
of vegetative organs of certain **rye varieties** 077821
Evaluation of new **rye varieties** & strains wi- 079098
evaluation of blood **sausage varieties.** 074018
evaluation of new **varieties & scientific** rese- 073085
Interaction of rootstock, **scion variety** & vir- 079181
Variety & seed policy of Dutch sugar beet i- 074087
Variety trials & **variety selection.** [Field cr- 078409
Variety selection & change of seed of summ- 078427
Variety situation of mango in Gujarat. 078599
Leaf blade areas of grain **sorghum varieties** 077013
Yield stability of **sorghum varieties** & hybri- 078306
Striga asiatica L.) in **sorghum varieties.** 079475
Soybean varieties of USA as stock for breed- 077172
Yield response of **soybean varieties** grown at 078259
Performance of **soybean varieties** in Nebras- 078441
qualities of introduced **soybean varieties.** 078481
Response of **soybean varieties** to graded dos- 081428
composition of tow **soybean varieties.** 081465
Soybeans varieties grown & seed production 078467
Specific variety-adjusted cultivation in inten- 078309
alternatives: resistant **varieties, spraying** & 079051
winter wheat obtained from **spring varieties** 077820
of rye & winter wheat **varieties, strains** & li- 078984
Suitable **strawberry varieties** for Marmara 078871
Screening **sugarcane varieties** for resistance 079080
of "Frondoso INTA" **variety** of **sweet** sorgh- 078370
Response of **tall varieties** of rice & wheat to 077747
yield & its components in **varieties** of **tall,** l- 078341
Response of **tall varieties** of rice & wheat to 081375
Breeding of industry peas. I. **Variety test.** 077187
Official **variety test** on mild cured tobaccos, 078280
Alfalfa **variety test.** 078487
as a problem in grass **variety testing.** 078575
Proso grain **variety tests,** 1972. 078442
shank resistant flue-cured **tobacco variety,** F 077034
Characteristics of **varieties** of **tobacco** world 077088
shank resistant flue-cured **tobacco variety,** F 079254
to develop a new eggplant **variety tolerant** to 077016
Florida 556. [**Tomato, varieties**]. 078656
of nematode-resistant **tomato varieties** for v- 079392
of fiber-flax seeds of **Tomskii-10 variety.** 077910
Variety trials & variety selection. [Field cr- 078409
Results of **variety trials** in Ostergotland. [G- 078420
Variety trials with sugar beets. 078529
Vegetable **variety trials,** 1972. 078623
Field Station avocado **variety trials.** 078650
Variety trials with Aster amellus L., aster d- 078836
in Obregon Hybrid & **Tunapuy Variety.** 077987
Vegetable variety trials, 1972. 078623
Reaction of **Venezuelan varieties** of bean (P- 079146
economic efficiency of **wheat varieties.** 073049
phosphorus in grain of some **wheat varieties** 074234
combining ability of spring **wheat varieties.** 077244
by monosomic analysis in **wheat variety** Mex 077256
quality of grain of winter **wheat varieties** res- 077634
Study of apical cones of **wheat varieties** diff- 077948
productivity of winter **wheat varieties.** II. in- 078374
yield of two winter **wheat varieties** under co- 078375
resistance of rye & winter **wheat varieties,** s- 078984
stigmas of flowers of winter **wheat varieties** 079071
protein of various winter **wheat varieties.** 081340
Wheat variety X fertilizer response study. 081479
productivity of winter **wheat varieties.** I. C- 078373
fertilizers in raising new **varieties** of **winter** 081410
Breeding high-**yielding varieties** of rice (Or- 077106
Breeding high, **yielding varieties** of winter 077185
greater production of high **yielding varieties** 081671

VASCULAR

Vascular anatomy of uterus & ovaries & uni- 075449
of disseminated intra-**vascular coagulation** (076054
of utero-ovarian **vascular connections** on dur- 075272
Kidney vascular supply in rat, cat & dog. 074500
of Linsell. II. Survey of **vascular plants.** 076795
Structure of **pulmonary vascular** system in s- 074507

VASECTOMY

Technique of **vasectomy** in **different** species 075509

VEAL

treatment of urolithiasis in **veal calves.** 076069
Relationship between milk & **veal production** 074452

VECTORS

in California. [Insect **vectors, Anopheles**]. 079983
Bacteria vectors in cases of reindeer necrob- 075937
Certification of **vector control** personnel in 079981
evaluating **vector-electrocardiogram** by mea- 075463
Cicadelloidae) as a **vector** of **floral** virescence 079163
activity during 1972. [**Mosquitoes, vectors**] 080036
Theileria parva. [Tick **vector, Rhipicephalus** 075732
Perkinsiella **saccharicida, vectors**]. 079153
Theileria parva developing in its **tick vector.** 075795
particles of Theileria parva. [**Tick vector,** R- 080010

VEGETABLE

for import substitution of **vegetables** in 1960 073245
Preservation of fruits & **vegetables:** How it 073682
classification of fruits & **vegetables.** 074274
Canning fruits & **vegetables.** 074294
for control of insects on **vegetables.** 079841
after-harvest treatment of **vegetables.** 080925
of mechanized harvesting of **vegetables.** 080961
pesticides in fruits, **berries, vegetables,** & ro- 073690
recommendations for **commercial vegetable** 079529
on maganese nutrition of **vegetable crop.** 1. 079340
formation in leaves. [Field **crops, vegetables** 077937
on growth & nutrition of **vegetable crops.** III 078017
cropping system. [Field **crops, vegetables,** I- 078272
Virus disease problem in **vegetable crops.** [I- 079182
Nematodes of some **vegetable crops** of Sheki 079229
for commercial **vegetable crops.** 079529
grass: a potential threat to **vegetable crops** 079557
Insects pests of **vegetable crops** in south-we- 079801
deficiency & excess of **vegetable crops.** 079340
On nematodes of **vegetable & cucurbitaceous** 079230
Field **vegetable cultivation** from view of ma- 073179
of herbicide residues in **vegetable culture.** 079463
Plant protection agents in **vegetable culture-** 079815
on effects of two new **vegetable feeds** (Macr- 075584
Field vegetable cultivation from view of ma- 073179
an important producer of **frozen vegetables** 074299
for continuous supply of **vegetables & fruit.** 074269
of 1971/72 storage season. [**Fruit, vegetables**] 074270
Import of **vegetables, fruits** & tropical fruits 073252
Labor-saving in **vegetable growing.** 1. Mech- 078674
*** 078677
Vegetable growing in Znojmo district. 078873
Specialization in **growing vegetables** at Unif- 078874
Use of herbicides in **vegetable growing,** incl- 079514
Mechanization of outdoor **vegetable growing** 080953
organization in **growing vegetables** in green- 080954
Development of **improved vegetable** seed c- 080959
of all reserves to **increase vegetable** process- 074291
system. [Field crops, **vegetables, India**]. 078272
purification in fruit & **vegetable industry.** III 081268
physiology of **vegetables** as **influenced** by ca- 078023
Vegetable oil refining process. I. alkali refin- 074296
of dietary animal tallow & **vegetable oil** on 075049
Self-sufficiency in **vegetable oilseeds:** role of 078454
in some food produocts of **vegetable origin** c- 073915
Mechanization of **outdoor vegetable** growing 080953
Fresh fruit & **vegetable prices,** 1972. 073329
Studies of changes in **vegetable prices:** seas- 073348
all reserves to increase **vegetable processing** 074291
bases for fruit & **vegetable processing** plant. 074310
Industrial-scale **vegetable production** & dem- 073263
Task of **vegetable production** under glass & 073440
regulators in fruit & **vegetable production.** 073617
Genetics & **vegetable production.** 077188
Development of **vegetable production** under 078695
Vegetable production recommendations. 078759
regulators in fruit & **vegetable production.** 080072
Industrial-**scale vegetable** production & dem- 073263
protection in industrial **scale vegetable** & fr- 079291
Vegetables section of agricultural sector: 19 073502
Development of improved **vegetable seed** c- 080959
growing. 4. Planting of **vegetable seedlings** 078677
Inspection of agriculture & **vegetable seeds,** 073856
agricultural & **vegetable seeds,** 1972. 073897
requirements of quality in **vegetable seeds** & 078872
agricultural & **vegetable seeds,** 1972. 081440
Conference on **vegetables** of **socialist** countr- 078785
of nematodes of **stored vegetables.** 079231
removal & recovery from **vegetable tanning** 073808
Experiences with **vegetable tanning** systems 073984
Vegetable variety trials, 1972. 078623
herbicides under plastics. [**Vegetables, weed** 079462

VEGETATION

Introduction to study of **vegetation.** C. Noti- 076859
Plant wastes on **aquatic vegetation** in New 079255
methods for plating single **vegetative cells** of 077341
control in Tasmania: **Vegetation** to **control** t- 081573
of soil fungi in relation to **cover vegetation** 081044
inventory of **vegetation damage** with ultra r- 076178
environment factors **determining vegetation** 076851
Vegetation & ecology of Scharze Moor (Rh- 076828
Vegetation & ecology of a forest spring com- 076877
of tidal marsh. [**Vegetation, ecosystem**]. 076864
Development of **vegetation** in **eutrophic** & l- 076858
A study of soil & **vegetation** in old **fields** in 081463
of nuclear pores on **vegetative & generative** 076925
to study of **vegetative gradients** & boundaries 076869
temperature on **vegetative growth** in east of 077428
Effects of temperature on **vegetative growth** 077739
on yield, fruit weight & **vegetative growth** of 078742
Eifel based on study of **vegetation habitat.** 076826
Cs [cesium] in soils & **vegetation** on **island** 081073
Ecological study & **vegetation mapping** of R- 076853
Vegetation mapping in survey scales. 076865
Significance of **vegetation maps** for establish- 076839
Some data on ecology of **mire vegetation.** 076831
photos for marshland. [**Nevada, vegetation**]. 076744
proteins in generative & **vegetative nuclei** d- 077398
anatomical study of **vegetative organs** of cer- 076948

Remarks on **vegetation ot** Tulear environme- 076990
Vegetative propagation of Bombacopsis quin- 076386
Studies of **vegetative propagation** of lychee 078035
On role of **vegetation** in **salt** accumulation p- 077299
area sampling of insects in **short vegetation** 079637
Simple methods for plating **single vegetative** 077341
Vegetation & soil relationships in Southern 081069
Development of **vegetation & soils** at Pic du 076873
water contaminated with **vegetative & spore** 081602
Landscape ecology & **vegetation studies** in o- 076827
Changes in **understorey vegetation** & fine ro- 076847
dioxide injury to **vegetation** in **vicinity** of a 079401

VEHICLE
liquid manure by means of **vehicles.** 080838
centralized service costs for **motor vehicles.** 073012
distances of harvesters & **transport vehicles** 080844

VEIN
Left cranial **vena cava** without corresponding 076012
Cannulation of an **hepatic vein,** protal vein 074787
Method of catheterizing **hepatic vein** in she- 075576
oestrone & progesterone in **jugular venous** p- 075174
on level of ketone bodies in **portal vein** in s- 074710

VELD
of Dohne Merino sheep in **eastern Highveld** 074999
for successful overwintering on **grass veld.** 075092
Bush encroachment & **veld management** in 078278

VELOCITY
relative humidity & air velocity. [Storage]. 074253
Influence of different **air velocity** at mean & 074599

VENEERS
evaluation & improvement of **veneer quality** 076439
Gluing ability of **veneer** from **tropical** wood 076571

VENISON
Second day dishes from **venison roasts.** 073777

VENOM
acids in haemolymph & **venom** of **oriental** h- 080221

VENTILATION
Mushroom **house ventilation** in theory & pr- 080757

VENTRICULAR
cerebrospinal fluid] of **cerebral ventricles** of 075501

VENTURIA
SEE MYCOSPHAERELLACEAE

VEPRIS
of essential oils of **Vepris madagascarica.** 077520

VERMINOSIS
Verminous arteritis in a mare. 075894

VERNALIZATION
Effects of **vernalization** on **advanced** floweri- 078050
Effects of **bulb vernalization** upon advanced 078049
acids in leaves of non-**vernalized wheat** under 077939
Effects of **vernalization** on **yellow** rust in ce- 078947

VERONICA
SEE SCROPHULARIACEAE

VERRUCARIA
observations on **Verrucaria serpuloides** M. 076739

VERTEBRATES
TBE) virus from **arthropods, vertebrates,** & 079947

VERTICAL
bromide & carbon dioxide in **vertical bins.** 079934
Specialization & **vertical cooperation** in Hu- 072866
Vertical cooperation of grain industry & fa- 072896
Fertility on **vertical & curved** shoot with dif- 078612
Vertical drainage for mosquito abatement in 079973
First experience with **enterprises vertical** st- 076309
between size & number of **vertical & radial** 078217
Vertical & seasonal distribution of nematod- 081056

VERTICILLIUM
of cotton selections to **verticillium** [dahliae] 079016
Fight **against Verticillium** on cotton in Syria 078955
cotton wilt pathogen. [**Verticillium dahliae**] 079096
Genetics & life cycle of **Verticillium dahliae.** 079104
Detection of **Verticillium** in **soil.** 079105
Breeding for tolerance to **Verticillium wilt.** 073380
between nematodes & **Verticillium wilt** of co- 078899
physiology of **Verticillium wilt** of cotton. 079103
A search for immunity to **Verticillium wilt** in 079106
Breeding for tolerance to **Verticillium wilt.** 079107
practices for control of **Verticillium wilt** of 079108

VESICLE
isolated from bull seminal **vesicle fluid** on e- 075246
substance from bull seminal **vesicle fluid.** 075274
separation of sterols from **ornage vesicles.** 074285

VESPA
venom of oriental **hornet, Vespa** orientalis. 080221

VESPIDAE
Thomson) (**Hymenoptera, Vespidae**). 080535
social wasp (**Hymenoptera, Vespidae**). 080283

VESSEL
Blood vessels & spleen. [Dogs, surgery]. 075486
vena cava without **corresponding vessel** on r- 076012
Technique of mobile **feed vessels.** [Swine]. 080969
Vessels of **internal** organs of spinal cord of 074821

VETCH
feeding value of winter **vetch compared** with 075035
Experiments with **vetch plant** Vicia narbon- 078504
growing & breeding of **winter vetch** (Vicia vi- 077150

VETERINARIANS
Cynology for **veterinarians.** C. Genetics II. 075358
Henryk Bojanus (1776-1827). [**Veterinarians**] 075492
Cynology for **veterinarians.** 075522
observations & **veterinarian's approach.** 075861
British veterinarian & modern sheep reprod- 075395
A profile of a **modern veterinarian** practicing 075557
What **practicing veterinarian** should know a- 075566
Veterinarians' role in national & local health 075519

VETERINARY
medicine: new techniques. [**Veterinary**]. 075538
laboratory medicine procedures. [**Veterinary** 075539
recently introduced for **veterinary** use. 076155
Pasteur & **Veterinary Academy.** 075446
scale animal production & **veterinary care.** 074481
survey of changes in **veterinary curriculum.** 075554
for toxicity testing of **veterinary drugs.** 073564
Veterinary food hygiene within framework of 073608
Kozar: Medical & **veterinary helminthology** 075980
Veterinary hospital for Stockholm & its env- 075518
of possible medical & **veterinary importance** 080008
of scientific discipline "**Internal veterinary** 075496
Veterinary legislation: hypothesis for care & 073544
Veterinary measures for control of disease in 075555
Meat technology as seen by **veterinary meat** 074008
University School of **Veterinary Medicine** in 075447
review of neurology. [**Veterinary medicine**]. 075458
a review (1971-1972). [**Veterinary medicine**] 075459
Veterinary medicine in antic authors. 075491
discipline "Internal **veterinary medicine**" in 075496
atarax & xylazin. [**Veterinary medicine**]. 075502
State of **veterinary medicine** in Israel. 075506
Faculty of **Veterinary Medicine** of Cluj (R- 075511
Prostaglandins. [**Veterinary medicine**]. 075513
Veterinary medicine in Maritime Territory. 075516
Agriculture & **veterinary medicine** in New 075524
Agriculture & **veterinary medicine** in New 075530
coli K-12 in vivo. [**Veterinary medicine**]. 075933
its importance in **veterinary medicine.** 075952
a review of literature. [**Veterinary medicine**] 076000
molecular lesion. [**Veterinary medicine**]. 076143
health & safety rules in **veterinary practice.** 075495
Rise & decline of **veterinary profession.** II. 075469
Rise & decline of **veterinary profession:** A h- 075473
A **veterinary program** for disease prevention 075489
field laboratories of **Veterinary Sanitary** In- 075753
Veterinary science in lab. 075508
Problems of **veterinary science** in industrial- 075534
Tracing development of **veterinary services** 075467
related to integration of **veterinary staff** with 075494
of a place of a **veterinary surgeon** at Campi 075499
Main tasks of **veterinary surgeons** & veterin- 075531

VIABILITY
L. so that stomatat are only **viable cells:** an- 076905
Viable hybrids from monosomics of Nicotia- 077240
Barriers to production of **viable interspecific** 077067
submergence on **viability** of **rhizome** fragme- 079478
inhibitors in relation to non-**viability** of **rice** 077751
Grain yield, milling quality, & **seed viability** 077648

VIBRIO
SEE SPIRILLACEAE

VICIA
Cytotaxonomic study of **Vicia cracca** compl- 076670
chromatide divergence in mitosis of **Vicia fab.** 077024
of rolled epidermis of **Vicia faba** L. so that s- 076905
of "synthetic" karyotypes of **Vicia faba.** [Br- 077103
heterosis breeding of horsebean (**Vicia faba** 077171
in G2-stage of mitotic cycle of **Vicia faba** se- 077203
in root meristem of broadbeans (**Vicia faba**) 077401
synthetase in chloroplasts of **Vicia faba.** [Br- 078142
with vetch plant **Vicia narbonensis.** 078504
breeding of winter vetch (**Vicia villosa** Roth. 077150

VIGNA
grain yield of two varieties of **cowpea, Vigna** 078340
activity of cowpeas (**Vigna unguiculata**) & b- 073744
virus infecting cowpeas (**Vigna unguiculata**) 079150

VILLAGES
Kibbutz-an agricultural-**industrial village.** 072670
utilization in two **villages** of **Ludhiana** Distr- 072989

VINCA
SEE APOCYNACEAE

VINCETOXICUM
isolated from **Vincetoxicum officinale** Moen- 077526
Spread of **Vincetoxicum species** (Asclepiada- 076629

VINES
on various pruning methods of **vines.** 078015
X-ray & neutron application of **vine breeding.** 077072
of nitrogen rates & dates of **vine killing** on 081331
inhibitors following alterations in **vine leaf** 078102
Milkweed vine & a newly observed Cercosp- 078965
resistant tomato varieties for **vine-ripe** toma- 079392
Vine weeds of North Central States. 079471

VINEYARDS
Herbicides in **vineyards.** 079408
Large **vineyard discovered** in ancient Pompe- 078822
pests & injuries in **vineyards** of **German** Fed- 078197
lewisi McGregor) in **Hungarian vineyards.** 079868
of three types of **vineyard sprayers** by meas- 078945

VINYL
withdrawal of (-)-5-**vinyl**-2-**oxazolidinethione** 075056

VIOLA
Viola cornuta L., a new adventive plant in 076760
New grandiflora pansy [**Viola tricolor**]. 078788

VIOLETS
Cultivation of **African violets** (Saintpaulia s- 078852
in Cecil soil containing **mordant violet** 39. 077673
of nisin production by UV [**ultra violet**]-irra- 073938

VIRESCENT
study of a phyllody (cotton **floral virescence** 079162
as a vector of **floral virescence** of cotton in 079163
study of a phyllody (cotton **floral virescence** 079695
as a vector of **floral virescence** of cotton in 079696

VIRULENCE
Resistance & **virulence** in **Avena:** Puccinia c- 079157
in selective increase of **avirulent bacteria** in 079129
Virulence of **Mycoplasma** gallisepticum for 075841
Effect of X-rays on **virulence** of **Theileria** a- 075945
strains of Brucella of **varying virulence** in s- 075929

VIRUSES
in utero with SMEDI (entero-) **virus.** 075620
Shall we have peppers free from **virosis?** [B- 077069
host range of potato spindle tuber "**virus**". 079148
A new test for citrus cachexia. [**Virus**]. 079156
resistance of potato breeding lines to **virus** 079194
Noncovalent interactions in **viruses:** charact- 079205
spore forms of bacteria, fungi, & **viruses.** 081602
Conditional-lethal mutants of **animal viruses** 075819
in Finland. III. Uukuniemi **virus antibodies** 075612
A serological survey for **viral antibodies** in 075650
in Finland. III. Uukuniemi **virus antibodies** 079949
encephalitis (TBE) **virus** from **arthropods,** v- 079947
of uukuniemi virus, a **virus associated** with t- 079948
O) [Rous sarcoma virus(rous **avian virus**]. 074661
Recognition of **viruses** of **avian** leucosis/sarc- 075649
O) [Rous sarcoma virus(rous **avian virus**]. 075728
in vivo transcription of **bluetongue virus** gen- 075788
bovine rhinotracheitis] BVD [**bovine virus** d- 075657
Immunization for **bovine viral** respiratory di- 075792
Bovine virus diaarhea associated with severe 075895
lymphocyte responses during **bovine viral** di- 075615
Buffalopox virus. 075640
Canine viral infections: Etiological notions, 075774
New data on **virus causing** cancer. [Livestock 075885
situation in occurrence of **cereal virus** diseas- 079165
TYMV [Turnip yellow mosaic **virus, Chinese** 079209
of lymphocytic **choriomeningitis virus** in gol- 075866
rootstock, scion variety & **virus complement** 079181
Action of **densonucleosis virus** on formation 080184
of Wanowrie, Thogoto, & **Dhori viruses** from 080000
Bovine **virus diaarhea** associated with severe 075895
rhinotracheitis] BVD [bovine **virus diarrh-** 075657
responses during bovine **viral diarrhea** virus 075615
antibodies of Newcastle **disease virus** of chi- 075584
relationships in foot-& mouth **disease virus.** 075596
of turkeys with Newcastle **disease virus** stra- 075656
study of Aujesky's **disease virus** & herpes s- 075674
free preparations of Marek's **disease virus** f- 075691
on tenacity of Newcastle **disease virus.** [Chi- 075694
disinfection of Marek's **disease virus** & effec- 075806
with reticuloendothelial **virus disease.** 075815
pigs produced by Aujeszky's **disease virus.** 075838
pigs infected with Aujeszky's **disease virus.** 075839
strain of live NDV. [Newcastle **disease virus**] 075916
of foot-and-mouth **disease virus** & analysis of 075957
epidemiology of yellowing **virosis disease** of 079170
Virus disease problem in vegetable crops. [I- 079182
Activity of foot-and-mouth **disease virus** R- 075638

Prevent **viral diseases** of poultry by vaccinat- 075820
on pear necrotic spot. [**Virus diseases**]. 079155
Results in solving tasks in **virus diseases** & 079159
in occurrence of cereal **virus diseases** in Ge- 079165
Citrus stem-pitting **virus diseases** at Bunso, 079169
of weed plants in spread of **virus diseases**. II 079186
healthy seed potatoes. [**Virus diseases**, resis- 079211
of weed plants in spread of **virus diseases**. II 079513
of complete maize rough **dwarf virus** particl- 079204
Virus effects on performance of apple trees 079180
Knab. [Venezuelan equine **encephalitis virus** 080006
Venezuelan equine **encephalomyelitis virus** i- 075729
Venezuelan equine **encephalomyelitis virus** i- 075730
hemagglutinating **encephalomyetlitis virus**. 075619
Equine viral rhinopneumonitis: pathography 075771
Feline virus-induced tumors & immune resp- 075623
with transmissible **gastroenteritis virus** & h- 075619
transcription of bluetongue **virus genome**. 075788
Occurrence of **viruses** on **Gramineae** in Ger- 079189
pomonella (L.) with specific **granulosis virus** 079861
on lyophilized HVT [Turkey **herpes virus**] v- 075675
In vitro assay of turkey **herpes virus** (HVT) 075779
Feline **virus-induced** tumors & immune resp- 075623
mottle, a newly recognized **virus infecting** c- 079150
during bovine viral diarrhea **virus infection** 075615
equine encephalomyelitis **virus infection** in 075729
equine encephalomyelitis **virus infection** in 075730
changes in plants after **virus-infection** affect- 079193
Ecological aspects of **virus infection** in insec- 080231
Canine **viral infections**: Etiological notions, 075774
Diagnosis & control of **virus infections** of cu- 079167
Isolation of **virus** of **infectious** bovine rhinot- 075921
group & other **viruses** that **interfere** with M- 075649
Western North America. I. **Viruses isolated** 080001
acid components of elderberry **laten. virus**. 079176
Friend **leukemia virus** (FLV) elimination in 079943
to infection with type II **Leukosis virus** (JM 075809
Measurement of endogenous **leukosis virus** 075958
strains of cowpea aphid-borne **mosaic virus**. 079151
infected with TMV. [tobacco **mosaic virus**]. 079158
XII. Synthesis of tobacco **mosaic virus** prote- 079160
Translocation of tobacco **mosaic virus** from 079164
Barley stripe **mosaic virus** & frequency of tr- 079168
to transmission of cucumber **mosaic virus** of 079171
nigrum in spreading chilli **mosaic virus**, a st- 079186
protoplasts by cucumber **mosaic virus**. 079200
of 5'-terminal of turnip yellow **mosaic virus** 079202
for replication of cauliflower **mosaic virus**. [079203
changes in bromegrass **mosaic virus**. [Barley 079205
poly-1-ornithine treated tobacco **mosaic virus**. 079207
Replication of tobacco **mosaic virus**. IV. Fur- 079208
of TYMV [Turnip yellow **mosaic virus**, Chin- 079209
nigrum in spreading chilli **mosaic virus**, a st- 079513
to transmission of cucumber **mosaic virus** of 079713
poly-1-ornithine treated tobacco **mosaic virus**. 079750
into occurrence of carnation **mottle virus** & 079172
study of cowpea chlorotic **mottle virus** & its 079178
On **viral nature** of wart desease in peas. 079191
Survivability of **neoplastic viruses** in feeds. 075924
A **nonoccluded virus** of army cutworm. [Eux- 080332
of Heliothis **nucleopolyhedrosis virus** on corn 079708
of endogenous leukosis **virus nucleotide** sequ- 075958
in plant tumour tissue of **viral origin** cultiva- 079166
of attenuated feline **panleukopenia virus**. 075706
Virus-like **particles** in an extranuclear muta- 079190
Virus-like **particles** in Dolichodorus heteroc- 079192
complete maize rough dwarf **virus particles** 079204
Classification of **viruses pathogenic** to anima- 075846
antibody development, & **viral persistence** in 075620
Citrus stem-**pitting virus** diseases at Bunso, 079169
vulgaris L.) to various **plant viruses**. 079146
Dolichodorus heterocephalus. [**Plant viruses** 079192
infectious **pneumonia viruses** in cattle in eas- 075953
introduction of nuclear **polyhedrosis virus** of 079906
of a nuclear **polyhedrosis virus** of almond m- 080334
associated with a nuclear **polyhedrosis virus** 080339
A nuclear **polyhedrosis virus** of a caddisfly, 080340
Potato virus X in potato apical meristems. 079145
PVX [**potato virus** X]-Q: an infective product 079175
Sources of resistance to **potato virus** Y in g- 079199
Effect of actinomycin D on **potato virus** X 079201
infecting tomatoes with **virus** S of **potatoes**. 079210
Host plants of plum **pox virus**. 079188
Prevent viral diseases of poultry by vaccinat- 075820
Antiviral properties of membrane proteins in 079212
Synthesis of tobacco mosaic **virus protein** un- 079160
conditions & after infection with **rabies virus** 075798
conditions & after infection with **rabies virus** 075803
conditions & after infection with **rabies virus** 075799
homology between tobacco **rattle virus** ribo- 079177
reconstitution of tobacco **rattle virus**. 079206
mild mottle, a newly **recognized virus** infect- 079150
Further characterization of **viral related** R- 079208
Immunization for bovine **viral respiratory** di- 075792
in chickens with **reticuloendothelial virus** di- 075815
Equine **viral rhinopneumonitis**: pathography 075771
between tobacco rattle **virus ribonucleic** aci- 079177
satellite" RNA in tomato black **ring virus**. 079179
mottle virus & carnation **ringspot virus** on g- 079172
of foot-and-mouth disease **virus RNA**-depen- 075638
terminal of turnip yellow mosaic **virus RNA** 079202
fowl to RSV(RAV-O) [Rous **sarcoma virus**(074661
to subgroup C leukosis-**sarcoma viruses** in 074747
fowl to RSV(RAV-O) [Rous **sarcoma virus**(075728
to subgroup C leukosis-**sarcoma viruses** in 075811
serological studies on **Simian virus** S.A. 11 075783
s disease virus & herpes **simplex virus** by cy- 075674
Synthesis of **virus-specific** neuraminidase in 075600
with Newcastle disease **virus strains** Bl & La 075656
of tomato bushy stunt **virus strains** in plant 079173
Studies on **viroses** of **strawberries** in southe- 079152
Ultrastructure of tomato bushy **stunt virus** s- 079173
Association of **sunblotch virus** symptoms wi- 079184
Studies on **swinepox virus**: fluorescence & li- 075836
Association of sunblotch **virus symptoms** wi- 079184
Tickborne viruses in Western North America 080001
studies of a newly recognized **tobacco virus**. 079183
equine encephalitis **virus, transmission**]. 080006
coat in certain bluetongue-**type viruses**. 075789
Arboviruses in Finland. III. **Uukuniemi virus** 075612
characterization of **uukuniemi virus**, a virus 079948
Arboviruses in Finland. III. **Uukuniemi virus** 079949
cause & epidemiology of **yellowing virosis** di- 079170

VISCERAL

Salmonella recovery from **viscera, feces** & e- 073664
Visceral muscles & myogenic activity in hin- 080311

VISCOSITY

beech wood pulp of processed for **viscose**. 074326
Viscosity of **ammoniated** slurry from wet-pr- 081396
Proposed **viscous model** for design of draina- 081626

VISNAGA

SEE AMMI

VISUAL

Timber harvest 1980: vision of **visions**. 076500
women farmers: An audio-**visual assemblage** 072665
effects on receptive fields in **visual cortex**. 074693
Development of rabbit **visual cortex**: late ap- 074790
Kitten **visual cortex**: short-term, stimulus-in- 074791
Investigations on genes with **visible effects** in 075345
Visual insect attractants & their use in plant 079665
organization of a non-**visual orientation** in 080309
Visual orientation of fly Musca domestica t- 080371

VITAMIN

constituents as pharmaceuticals: **Vitamins**. 074267
of dietary polyunstaurated fats & **vitamin** E 074662
Histochemical study of amount of **vitamin** C 074825
ascorbic acid in testes of **adult vitamin** A de- 074862
turbidimetric microbiological **vitamin assay** 073715
after administration of **certain vitamins** & m- 074826
Vitamin B **content** of baby foods: effect of s- 073761
Effect of **vitamin** A upon **corn** silage for Ze- 074893
of labelled material in **vitamin** C-**defecient** g- 073759
serum of chicks with **vitamin** A **deficiency** & 075609
Effect of **vitamin** E on **egg** production, hatc- 075066
I. Effect of tissue **emulsion, vitamin** A & no- 074810
Use of **vitamins** A, D2, & B12 in **feed** ratio- 075147
SSR. 5. Amount of B **group vitamins**. 081032
anaemia in suckling piglets by **iron vitamin** 076035
Cr [chromium] & on **vitamin** C **level** in supr- 075586
Iron, copper & **vitamin** B12 **levels** in sheep 074711
of selenium & **vitamin** E in **metabolism** & an- 074913
of rat kidney by **vitamin** D **metabolites**. 074544
of turbidimetric **microbiological vitamin** ass- 073715
feed concentrates, protein-**vitamin-mineral** s- 075149
fat on activity of **vitamins** in **mixed** fodder. 074858
Vitamin A **overdoses**. II. Cytological & bioc- 073762
in suckling piglets by iron **vitamin paste**. 076035
on content of **vitamins** B1, B2 & **PP** in bean 074307
mixed feed concentrates, **protein-vitamin**-mi- 075149
swine on feed rations with **protein-vitamin** s- 075142
phlei de Vries. I. **Vitamin requirement** for g- 078999
of dibasol & **vitamin** B12 upon RNA & prot- 074799
rations with protein-**vitamin supplements** & 075142
vitamin A with or without alpha **tocopherol** 073762

VITAVAX

Nature of carboxin (**vitavax**)-derived bound 080097

VITELLINE

Vitelline membrane chemical composition in 074742

VITICULTURE

Finally a coherent policy for **viticulture!** but 073498
Weed control in 1973 **viticulture**. 079621
vineyard of A. D. 79. [**Viticulture, history**]. 078822

VITIS

Tetranychidae, Acari) on **grapevine Vitis** vin- 079862
Saprophytic fungi on **Vitis pallida** Wt. & Arn 076707

VITRO

chick retinal pigment cells cultured in **vitro**: 074694
in embryonic sheep skin cells in **vitro**. 074799
purpureum Schum): "In vivo" & "in **vitro**" 075083
on motility of uterus in **vitro**. 075337
RNA-dependent RNA polymerase in **vitro**: i- 075638
reference to acquiring resistance in **vitro**. [P- 075797
tumorous origin to indoleacetic acid in **vitro** 077535
cotton pollen (Gossypium hirstum) in **vitro**. 077715
of pollen from Allium porrum L. in **vitro**. [077984
tumorous origin to indoleacetic acid in **vitro** 079368
of fleshfly, Sarcophaga peregrina, in **vitro**. 080319
In **vitro assay** of turkey herpes virus (HVT) 075779
as NPN-sources under in-**vitro conditions**. P- 074546
Copper absorption in **vitro** from **copper** ami- 074845
In **vitro digestibility** & carbohydrate compos- 077686
experimentally induced in **vitro** in **epiblast** of 074670
In **vitro germination** & pollen tube growth of 077879
hormone analogs as in **vitro inhibitors** of rat 074639
of diet & weaning age on in **vitro lipogenesis** 074966
Lipogenesis by in **vitro liver** & adipose tissue 074535
Stress & in **vitro lymphocyte** stimulation by 074581
Abnormalities of in **vitro lymphocyte** respon- 075615
In **vitro protein** polymerization & nucleopro- 079206
Effect of catecholamines on in **vitro release** 074518
In **vitro simulation** of rumen fermentation: 074650
Obtaining in **vitro strains** resistant to beno- 078973
In vivo & in **vitro studies** with T1 strain of 075831
abilities in cultivated in **vitro tissues** of Poli- 077096
DNA during **vitro transcription** by maize 077695
Studies on in **vitro** & in **vivo** transcription of 075788
in Hordium vulgare in **vitro** & in **vovo**. [Bar- 079534

VIVO

An "in **vivo**" study on effect of different typ- 074633
Pennisetum purpureum Schum): "In **vivo**" & 075083
of Escherichia coli K-12 in **vivo**. [Veterinary 075933
Role of cyclic photophosphorylation in **vivo**. 077531
order phototransformation kinetics in **vivo**. 078145
In **vivo biosynthesis** of alpha-linolenic acid 077355
Chemical & in **vivo evaluation** of A brown m- 074979
Chemical & in **vivo evaluation** of a brown m- 074980
complexes & on in **vivo incorporation** of D- 074579
of chlorophyll a in **vivo** by **nitroaromatic** c- 077997
Studies on in vitro & in **vivo transcription** of 075788
In **vivo** & in **vitro** studies with T1 strain of 075831

VOANDZEIA

bambara beans (**Voandzeia subterranea**). [N- 073744

VOCATIONS

Vocational & **residential** adjustment as view- 072697
Vocational testing for women farmers in east 072658

VOLATILE

Growth-inhibitory **volatile aromatic** compou- 078119
Role of polyphenols & non-**volatiles** in **beer** 073890
Importance of some non-**volatile carbonic** ac- 077475
affecting release of **volatile chemicals** by for- 078245
Volatile fatty acids in contents of pendulous 074744
honey bee responses to **flower volatiles**. [Ap- 080670
in ginger with non-**volatile nematocides** appl- 079383
genetics on **volatile nitrogenous** bases in tob- 077808
Pesticide volatilization as related to water l- 080104

VOLCANOES

Genesis & characteristics of **volcanic ash** soil 081113
degree of several elements of **volcanic ash** so- 081116
in Japan 2. Classification of **volcanic ash** soil 081117
copper, lead & vanadium in **volcanic ash** soi- 081144
Some problems on **volcanic ash** soils in Tan- 081165
in banana plantations in **volcanic soils** in ne- 079280

VOLES

On wood mice (**voles**) in Yamagata Prefectu- 079321
planta in breeding using **common vole** (Mic- 074943

VOLTINISM

Voltinism, diapause & sex-ratio of Chrysopa 080181

VOLUMETRY

Improved device for **volumetric measures**. 077528

VOLVARIELLA

of straw mushrooms, (**Volvariella species**) on 078870

VOLVOX

Genetic control of development in **Volvox**: i- 077140

VOLVULUS

Fatal volvulus in a puppy. 075898

WAGES

Experiment with **wages**. 073022
On **wages** of **workers** in animal industry. 073142

WALKING

Walking through **China's** garden. 078775

WALL

embryogeny of aphanamixis polystacha (**wall**. 076783
Mycoplasma gallispeticum for **arterial walls**. 076289
acid treatment on soluble & cell **wall bound** 077495
degradation of delignified **cell walls** in wood 076477
Structure of plant **cell walls**. IV. A structur- 076963
of saccharides present in **cell walls** of alga 077371
of indoleacetic acid & kinetin on **cell wall** r- 077758
effects on microfibril orientation & **cell wall** 077972
Enzymatic degradation of **cell walls** by phy- 078909
tissue culture of Dioscorea **deltoidea Wall.**, 077583
Wall or **embankment** in garden? [Landscapi- 078716

Thermotechnical properties of **outer walls** & 080762
Fine structure of hepatic **sinusoidal wall.** [L- 074680
Maxim. with Scopolia **stramonifolia Wall.** 077226
Subapical wall synthesis & wall thickening 076939
comparison of cyst & germ **tube wall** in Phy- 076973

WALNUTS

Time of **walnut grafting** in region of Skopje 078748

WAREHOUSES

of infestation in **elevators, warehouses** & flo- 079938
Costs of **processing, warehousing** & selling F- 073205

WARMTH

mutrition characteristics of **warm-season** gra- 077790
Specific differences of several **warm-season** 077791
of meat. VII. Effect of **warm-slating** on wat- 074031
of meat. VIII. Effect of **warm-slating** on wa- 074032
for a subsurface, water pipe, **soil-warming** s- 080741
Effects on tulip bulbs of **warm storage** follo- 078055
Influence of cool & **warm temperatures** & t- 077645
design of a food complex using **waste warm** 080743
of selected agricultural uses of **warm water** 080745

WASHING

"washed" eucalyptus [grandis] planting sto- 076404
Effect of centrifugation & **repeated washing** 075261

WASPS

2 New species of **wasps-braconids** (Hymeno- 080483
Wasps as a **defense** mechanism of katydids. 080175
variation in chestnut gall **wasp, Dryocosmus** 079792
An overlooked British **Mason-wasp:** Ancistr- 080535
Parasitoid wasps as flower visitors in Canad- 080186
effects of mucus from wood **wasp, Sirex** noct- 078202
Olivier, 1791), a Neotropical **social wasp** (080283

WASTE

Waste accumulation on a selected dairy cor- 081813
mosquito abatement. [**Agricultural wastes**]. 079979
stream electric plants [**Agricultural waste**]. 080740
Animal waste sanitation & disposal. 074406
during dry rednering. [**Waste animal** materi- 081825
Soil recycling of **cannery wastes.** - 081324
in food processing, solid **waste disposal** & ci- 073822
Expanding waste water treatment considerat- 081874
Recycled **feedlot waste** as a hog feed. 074903
of blood. [Slaughter-house **waste, Food,** feed 073841
Food wastes as supplemental sources of feeds 074373
Integrated systems for utilizing **waste heat** f- 080740
of thermal discharges. [**Waste heat** utilizati- 080742
model to study utilization of **waste heat** usi- 080744
of thermal discharges. [**Waste heat** utilizati- 081812
Utilisation of blood. [Slaughter-**house waste,** 073841
of air & soil pollution by **industrial waste** on 076222
business of ecology.[Food **industry, waste**]. 081815
from vegetable tanning **waste liquor.** 073808
Utilization of **waste material** from lumber i- 076449
a means of treatment of **wastes** from **meat** 081824
Utilization of **organic wastes** from agricultu- 075023
Agronomical use of **pig wastes** polluting wat- 081389
of Radford Army Ammunition **Plant wastes** 077379
of Radford Army Ammunition **Plant wastes** 079255
of Radford Army Ammunition **Plant wastes** 080209
of Radford Army Ammunition **Plant wastes** 081778
of Radford Army Ammunition **Plant wastes** 081779
of Radford Army Ammunition **Plant wastes** 081780
Agronomical use of pig **wastes polluting** wat- 081389
Waste removal: Animal carcass disposal. [L- 073428
Animal **waste sanitation** & disposal. 074406
of carcasses & **slaughterhouse wastes.** 074050
nitrogen in food processing, **solid waste** disp- 073822
recovery from vegetable **tanning waste** liquor 073808
in onion & garlic skins. [**Waste utilization**]. 074287
Integrated systems for **utilizing waste** heat f- 080740
design of a food complex using **waste warm** 080743
by biological treatment of **waste-water.** 081775
Expanding **waste water** treatment considerat- 081874
removal system for log flumes. [**Wood waste** 076540
chipped tree tops & limbs. [**Wood waste**]. 076551
from a whole-tree chipper. [**Wood waste**]. 076552
removal system for log flumes. [**Wood waste** 081858

WATER

Notes on two algae of small bodies of **water** 076626
relation to chemical composition of **water.** 077384
from tomato foliage, soil, & **water.** 078992
phytotoxicity of dicamba residues in **water.** 079485
from tomato foliage, soil, & **water.** 080081
Pesticides in Utah's **water:** A Preliminary r- 080142
for combating problem of **waterlogging.** 081085
On **water.** II. water of Friesland. 081704
evaluation of resource commitments. [**Water** 081737
sediment during basin recharge. [**Water**]. 081748
Pesticidal pollution of **water.** 081838
optical system for detection of oil on **water.** 081847
Pesticides in Utah's **water:** A Preliminary r- 081866
Cactus spines as **water absorbing** organs. [C- 076958
Effect of nutrient & **water absorption** by rice 077782
Without **water agriculture** cannot be prospe- 081702
Regulating **air-water** system in a fine-grained 078805
soils in Lithuanian SSR. 4. **Water & air** reg- 081031
Water allocation in Tucson region of Arizona 081754
of interceptor drain as an **anti-waterlogging** 080885
Transformation of **applied water** soluble pho- 081094
Cropping patterns for **waterlogged areas.** 078362
Khadar, Asola, Ali, etc., **waterlogged areas.** 081626
Cropping patterns for **waterlogged areas.** 081628
Reclamation of **waterlogged areas** in Kerala 081638
reclamation of **waterlogged areas,** cost-benef- 081646
Efficiency of **water** use & **associated** charact- 077776
economic alternative for **augmenting water** 081873
of cultivated tomato: **water balance** & abscis- 078000
scent gland system of **water bug** Ilyocoris c- 080413
development of **waterlogging** in a non-**canal** 081631
Water catchment management & recreation- 081717
guide to policy making in **water catchments** 081718
Water for **cattle.** [Equipment]. 080986
of Symposium on **Waterlogging--Causes &** 081086
Waterlogging causes & measures for its pre- 081650
of Symposium on **Waterlogging--Causes &** 081654
system--a measure to **check waterlogging** of 081640
finisher rations & fats in **chiller water** from 075051
automated stationary method of **clear water** 080720
Research needs for **combating waterlogging** 081647
Waterlogging in **command** area of Kolachi 081635
Comment on National **Water Commission** r- 081727
of maleic hydrazide on **water conditions** of 077935
On **water conditions** of dominant grasses in 077936
of crops under **waterlogged conditions,** peri- 078361
method to determine **water conductivity** in l- 081272
Soils & **water conservation** on a New Engla- 081555
Influence of evolution of **water consumption** 073071
Research on **water consumption** of individual 077718
Water use, **consumption,** & outlook in US in 081598
Influence of evolution of **water consumption** 081683
for disinfection of **water contaminated** with 081602
pine plantations respond to **water control.** 078247
surface drainage in **controlling water**-table, 081084
Underground **water conveyance** system--a m- 081640
Effect of drought on **cotton water** regime at 077725
quality of J. G. Strijdom **Dam water** & its s- 081668
as related to soil **water depletion** & meteoro- 077650
Interrelation between **water depths** & distri- 079958
recognizing externalities in **water desalting** 081730
A measuring method to **determine water** co- 081272
to method of **determining water** potential of 077368
manganese uptake under **different water** reg- 077746
of nicotine, glucose & **distillated water** in to- 077737
presence of enterophages in **draining waters** 081764
problems in supply of **drinking water** from 081774
Surfactants in **water drown** honey bees. [Ap- 080067
aspects of rise of ground **water due** to canal 081634
Water economy of young forest plants ater 078208
Research Institute of **Water Economy.** [Irri- 081716
Effective water management an aid to great- 081671
involvement in Crops of **Engineers, water** re- 081734
Water & environment. 081677
cotton adaptation to drought & **excess water** 077957
of irrigation water to an **exhaustible water** 073135
by P [phosphorus] **fertility, water,** & soil t- 077665
Potato recipe: **water, fertilizer.** 078773
cotton to management of **water & fertilizer.** 081522
cotton to management of **water & fertilizer** 081523
cotton to management of **water & fertilizer.** 081751
cotton to management of **water & fertilizer** 081752
Note on utilization of peat ot **fight water** po- 081695
a field study with a **fluctuating water** table. 081101
an irrigated sorghum field: i. **Water flux** wit- 081012
On water. II. **water** of **Friesland.** 081704
Soil physics study of a surface **water gleyed** 081058
Watering in **greenhouse.** [Equipment]. 080878
Effect of depth & quality of **ground water** on 081101
of loose silty sand at different **ground water** 081211
Ground water-table fluctuations & measures 081630
aspects of rise of **ground water** due to canal 081634
Investigations on **ground water** salinization 081698
Ground water in perspective. 081725
of underlying soil strata. [**Ground water** pol- 081813
mineralization of river **water, groundwater** 081596
High water use efficiency & SDI. [Stress d- 081703
Waterlogging in **Hirakud** ayacut. 081622
VII. Effect of warm-slating on **water-holding** 074031
Studies on **water-holding** capacity of meat. 074032
fo soil profile & maximum **water holding** ca- 081113
Effects of **hot water** treatments on survival 079317
peak" electric power for supplying **hot water** 080774
Water hyacinth: an annoying weed. [Eichho- 079521
Increasing water use efficiency in multiple c- 081605
Rehydration versus growth-**induced water** u- 077856
Calamovilfa longifolia): **water infiltration &** 077777
portal ciruclation in control of **water intake** 074513
Horizontal soil-**water intake** through a thin 081110
Occurrence of **inverted water** potential grad- 078101
distribution costs of **irrigation water** to an e- 073135
Effect of chloride level in **irrigation water** on 077928
stationary method of clear **water irrigation** 080720
Water & irrigation according to treatises on 081687
Return **irrigation water** in Hawaii. 081739
Effect of an **irrigation wastewater** quality st- 081755
in agriculture, land & **water** use in **Jordan.** 072718
Cleansing of Annecy **Lake waters.** 081837
planning & evaluation of **water & land** resou- 081736
of environmental resources. [**Water, land,** p- 081876
of corn (Zea mays L.) having low **leaf water** 077852
following alterations in vine **leaf water** pote- 078102
silty sand at different ground **water levels.** 081211
manganese] availability in **water-logged** soils 081098
effects on body fluid spaces, **water loss,** body 074658
Water loss from an irrigated sorghum field: 077668
volatilization as related to **water loss** from 080104
Water loss from an irrigated sorghum field: 081012
Water loss from an irrigated sorghum field: 081013
tropical rice soils. 2. Effects of **water losses** 081571
Water maintenance in Netherlands. 081610
Lysimeter study of **water** use of **maize** & be- 077723
in coming era of land & **water management** 079955
Some aspects of **water management** in Utah 080038
Effective **water management** an aid to great- 081671
Man & **water management** in southern Vien- 081680
Water management in China, top priority for 081722
fo soil profile & **maximum water** holding ca- 081113
drain as an anti-**waterlogging measure.** 080885
oxygen for treating kraft **mill wastewater.** 081851
of effluents. [Wood pulp **mills, water** polluti- 081855
of anal papillae of a salt-**water mosquito** lar- 080316
Value of **multiple water** use in Newlands Re- 081753
Effects of treated **municipal wastewater** on 077771
Comment on **National Water** Commission r- 081727
Quality of well-**waters** of **northern** Madhya 081657
Water, osmotic & pressure potential relatio- 078059
Environmental heat & **partial water** restrict- 074658
Alkali supply by **percolated water** from envi- 076851
Ontario's **water** taking **permit** program. 081728
transfer models for a subsurface, **water pipe,** 080741
Western U.S. **Water plan** study. 081756
Water pollution as a result of spraying with 080118
utilization of peat ot fight **water pollution** by 081695
soil strata. [Ground **water pollution**]. 081813
Water pollution as a result of spraying with 081833
effluents. [Wood pulp mills, **water pollution** 081855
attention needed toward **water pollution** of r- 081867
production on stock-**watering ponds** in nort- 074414
to method of determining **water potential** of 077368
Measurement of plant tissues **water potenti-l.** 077946
Occurrence of inverted **water potential** grad- 078101
alterations in vine leaf **water potential.** [Gr- 078102
mays L.) having low leaf **water potentials.** 077852
Land & **water** use **potentials:** Tungabhadra I- 081701
Financing **private water** resource developme- 081720
Public support of **private water** resource de- 081757
Investigation of **waterlogging problems** & dr- 081645
Some considerations on **water problems.** [R- 081678
Problem of **waterlogging** in **protected** area of 081623
rationale for regionalization of **public water** 081731
taxation as a policy for **water quality** mana- 073547
Water quality control & mosquito abatement 079979
Commercial fertilizers & **water quality.** 081507
of watershed development on **water quality.** 081600
Water quality management schemes based on 081620
treatment modifications on **water quality** of 081719
of nutrient sources in **water quality** manage- 081729
lake restoration procedures. [**Water quality**] 081738
for data acquisition in **water quality** manag- 081743
algae of two Michigan lakes. [**Water quality** 081746
Effect of an irrigation **wastewater quality** st- 081755
Commercial fertilizers & **water quality.** 081862
treatment modifications on **water quality** of 081872
Water quality perception & recreational uses 081878
in southwestern Australia. [**Water quality**]. 081747
Rapid water uptake & structural changes in 077895
an unsaturated area in **water reclamation** w- 081713
Effect of drought on cotton **water regime** at 077725
Water regime in hydromorphic soils of Tissa 081233
uptake under different **water regimes.** 077746
in crop plants". [Rice, **water relations**]. 077672
Problems of **waterlogging remedied** before c- 081652
Water requirements for peaches in Stip regi- 081666
distributional impacts of **water resource** pro- 081699
Financing private **water resource** developme- 081720
evaluation system for **water resource** planni- 081742
Public support of private **water resource** de- 081757
public investment in **water resources,** Tenne- 073523
Desalinization process. [**Water resources**]. 081609
Watch out for pitfalls. [**Water resources** ma- 081675
public investment in **water resources,** Tenne- 081700
organizational structure for **water resources** 081724
United Nations approach to **water resources** 081726
Water resources & social choices. 081733
in Crops of Engineers, **water resources** plan- 081734
in bovine as influenced by **water restriction** 074653
heat & partial **water restriction** effects on b- 074658
phenomenon in crop plants". [**Rice, water** r- 077672
Management of **water** for **rice** production. 081670
Muddiness of **river water** as an indicator of 081559
changes in mineralization of **river water,** gr- 081596
Upper Carson **River water** study; water year 081672
of degree of pollution of **running waters.** 081614
Influence of **saline water** on mineral balanc- 074866
Studies on **waterlogged saline** sodic soils of 081644
Investigations on ground **water salinization** 081698
of anal papillae of a **salt-water** mosquito lar- 080316
hydrocarbon residues in **waters & sediments** 081865
Serious waterlogging in Punjab & Haryana- 081639
Water-shield flame cultivation for cotton & 079517
A simple soil **water simulation** model for as- 081660

Reutilization of barley **softening waters** & its 074093
leaf temperatures as related to **soil water** d- 077650
Effect of **waterlogging** on **soil** properties & 081085
Horizontal **soil-water** intake through a thin 081110
Effect of **waterlogging** on **soil** properties & 081642
A simple **soil water** simulation model for as- 081660
restoration of permeability to **water** of **soils** 081148
Water-soluble proteins & free amino acids in 075873
Effect of **water soluble** phosphate on utilizat- 078075
Structure of **water-soluble** feeding stimulant 078226
of acid-soluble, exchange & **water-soluble** ca- 081019
Transformation of applied **water soluble** pho- 081094
Water sorption cy crude drugs. II. Fructus 073855
effects on body fluid **spaces, water** loss, body 074658
developmental monstrosities in **water spider** 080460
of river water, groundwater & **spring water** 081596
Waterfowl production on **stock-watering** po- 074414
Removing iron from **stream water.** 081619
Effect of **water stress** on: II Agronomical c- 077421
Water stress relations of potato plant under 077985
Upper Carson River **water study;** water year 081672
Effect of **supplemental water** on barley & co- 077662
alternative for augmenting **water supplies.** 081873
to drought & excess **water supply.** 077957
management & use. [**Water supply**]. 081717
Coast. II. Representation of **surface water** f- 076862
Soil physics study of a **surface water** gleyed 081058
Automatic measurement of **surface water.** 081608
Removal of eutrophication in **surface waters** 081884
for higher yield of **water-surplus** plots. 081537
Water system, enzyme activity & frost resis- 077955
Regulating air-**water system** in a fine-grained 078805
for regionalization of public **water systems.** 081731
to forest trees by lowering of **water table** in 076231
periodical fluctuations in **water-table** & effic- 078361
surface drainage in controlling **water-table,** 081084
a field study with a fluctuating **water table.** 081101
periodical fluctuations in **water-table** & effic- 081627
Ground **water-table** fluctuations & measures 081630
Rise of **water-table** & development of water- 081631
Water-table fluctuation & its interpretation 081632
in controlling water-**table, waterlogging** & s- 081641
Waterlogging in **Tamil** Nadu & measures su- 081651
Effect of irrigation by **thermal water** on mi- 081184
Measurement of plant **tissues water** potenti- 077946
on growth of **waterlogged tomato** plants. 078141
Expanding waste **water treatment** considerat- 081874
Effects of hot **water treatments** on survival 079317
hydrogeological studies. [**Underground water**] 076979
Underground water conveyance system--a m- 081640
versus growth-induced **water uptake** in plant 077856
Rapid **water uptake** & structural changes in 077895
with respect to mechanism of **water uptake** 080351
of conduction structure & **water usage** in irr- 081658
Water-utility manager development. 081599
Water in **vapour** phase & its interactions wi- 073844
of a food complex using waste **warm water** f- 080743
of selected agricultural uses of **warm water** 080745
by biological treatment of **waste-water.** 081775
Expanding **waste water** treatment considerat- 081874
Changes in properties of **watered** & **wet-sto-** 076462
Upper Carson River water study; **water year** 081672

WATERCOURSES
use of pig wastes **polluting watercourses** (a 081389

WATERFOWL
Waterfowl production on stock-watering po- 074414

WATERSHED
surface runoff from **agricultural watersheds** 081547
maximum flow values in **Argesh watershed.** 081621
A **community watershed** management progr- 081723
Effects of **watershed development** on water 081600
in Illinois streams. [**Watersheds, fertilizers**] 081800
yields from small **rangeland watersheds** in 081664
in soils & sediments in **selected watersheds** 081879

WATERWAYS
Pollution of our **waterways.** 081693

WAVES
on reconstruction of a shady & **wave-lashed** 076836

WAX
Effect of a **wax coating** applied to oranges 074300
between fume resistance & **cuticular waxes** 078241
degradation of pastes of **waxy maize** starch 074339

WEANING
Effect of diet & **weaning age** on in vitro lip- 074966
utilization of nutrients by **weaned baby** pigs 074822
Metabolism in early-**weaned baby** pigs. 074850
respiratory tract disease in **weaned beef** cal- 075632
sows during lactation at **different weaning** t- 075121
fattening butcher hogs from **early weaned** h- 072993
Early weaning experiences in calf rearing. 074402
II. Growth of Merino lambs **early weaned** o- 074869
Early weaning of swine: Utilization of raw 075125
Recent developments in **early weaning** techn- 075138
for keeping more **weaners & finishing** pigs. 080780
Commentaries on **weaning** of **piglets** at three 074403
Research of **weaning** of **piglets** at age of thr- 074438
Nursery facilities for **post weaning.** [Swine] 074388
Improve **reproduction--wean** more pounds of 075217
centres & farms **supplying weaners** for fatte- 075378
Ambient influences on **weaning weight** of B- 074789

WEAR
Effects of **wear** on **accuracy** of nozzles in pl- 080936
resistance to **wearing** & **multiple** bending of 074133

WEATHER
Distribution of **weather adverse** conditions c- 072659
Effects caused by **weather** in **Austria** on dur- 078978
Weather conditions & spore trap catches of 079055
Weather, growth of grapes, diseases, pests 078197
by exposure to **weather** during **harvesting.** 078542
Operational value of **weather information** in 081527
Weather modification: an economic alternat- 081873

WEATHERING
according to degree of **weathering** & **parent** 081117

WEBWORMS
of a nuclear polyhedrosi of **fall webworm** (080185

WEED
ecology for biology & control of **weeds.** 079427
Some aspects of integrated control of **weeds** 079542
Water hyacinth: an **annoying weed.** [Eichho- 079521
longevity of seeds of **annual weeds** in cultiva- 079482
Fenac on small ponds. [**Aquatic weed** mana- 079550
evapotranspiration of some **aquatic weeds.** 079603
Control of sugar **beet weeds** with chemicals. 079426
relationships & value in **biological weed** con- 079446
responses of peach trees to **chemical weed** c- 078681
Chemical weed control in a nursery of Pseu- 079435
Chemical weed control in potato fields. 079449
Chemical weed control in winter cereals aut- 079450
On connection of **chemical weed** control ma- 079455
Results & experience from **chemical weed** c- 079458
Chemical weed control in hemp grown for s- 079541
Chemical weed control in wheat. 079558
Chemical weed control in tall bearded iris. 079615
Some **common weeds** of south Indian tea fie- 079537
Some **common weeds** of south Indian tea fie- 079538
improvement investments. [**Weed control,** A- 073136
through seeding. [**Weed control**]. 078394
Chemical **weed control** in a nursery of Pseu- 079435
a topical spray in soybeans. [**Weed control**] 079442
Chemical **weed control** in potato fields. 079449
Chemical **weed control** in winter cereals aut- 079450
incorporation on corn. [**Weed control**]. 079453
On connection of chemical **weed control** ma- 079455
experience from chemical **weed control** in c- 079458
Weed control efficiency in apple intensive p- 079459
Auxin herbicides for **weed control** in fruit-tr- 079460
Weed control in strawberries. 079461
under plastics. [Vegetables, **weed control**]. 079462
of stand establishment & **weed control** on g- 079473
relation to nitrogen levels & **weed control.** 079474
Weed control in apple orchards with some 079488
New methods in **weed control.** [Potatoes]. 079489
Post-emergence **weed control** in wheat. 079510
Winter **weed control** in grain with Erbitox 079511
Grain: **weed control** for all seasons of year. 079512
Weed control in field beans. 079516
for cotton & soybeans. [**Weed control**]. 079517
1973 oregon **weed control** recommendations 079528
1973 oregon **weed control** recommendations 079529
1973 oregon **weed control** recommendations 079530
Success with no-tillage **weed control.** [Herb- 079531
Integrated **weed control**--still of value? 079533
on monocotyledonous **weed control** in flax (079540
Chemical **weed control** in hemp grown for s- 079541
Weed control in perennial grassseed crops. 079543
Control weeds without chemicals. 079545
Weed control in tropical plantation crops. 079548
Chemical **weed control** in wheat. 079558
Weed control done well. 079559
Suggestions for **weed control** with chemicals 079560
Effects of trhee herbicides on **weed control,** 079573
of fenuron on trees & grasses. [**Weed control**] 079577
seeds in soil. [Wheat, radishes, **weed control**] 079593
of trifluralin & nitralin. [**Weed control**]. 079594
Systems of **weed control** for peanuts. 079598
Chemical **weed control** in tall bearded iris. 079615
Weed control in new plantings of steroid-pr- 079617
Weed control in narrow-row cotton. 079618
herbicide applications. [Cotton, **weed control**] 079619
improvement investments. [**Weed control,** A- 079620
Weed control in 1973 viticulture. 079621
relation to nitrogen levels & **weed control.** 081374
value in biological **weed control.** [Opuntia v- 079446
herbicide applications. [**Cotton, weed** control 079619
of herbicide mixtures on **weediness** of **crops** 079494
effects of three perennial **weeds, Cynodon** d- 078054
Coltsfoot a potentially **dangerous weed.** [Tu- 079436
Post-**emergence weed** control in wheat. 079510
agronomic crops, perennial **weeds, fence** ro- 079560
Spring treatment to **fight weeds** in autumn 079467
Fight weeds before sowing. 079498
Fighting weeds in feed grain with chemicals 079419
Fighting weed seeds in grain field. 079499
Fighting weeds in potato field. 079523
to chemical control of **weeds** in **forest** plant- 079508
Overgrowth by **weeds** of **grain** this year--a 079532
Certain causes of **weediness** with **hard** winter 079551
Weeds in **hayfield**--how can we fight them? 079505
control in corn & soybeans: **weeds, insects,** 079213
Integrated weed control--still of value? 079533
Development of herbicides: **Weeds,** a **loss** of 079445
on small ponds. [Aquatic **weed management**] 079550
Experiments on **monocotyledonous weed** co- 079540
1973 **oregon weed** control recommendations 079528
1973 **oregon weed** control recommendations 079529
1973 **oregon weed** control recommendations 079530
Competitive effects of three **perennial weeds** 078054
chemicals: agronomic crops, **perennial weeds** 079560
Studies on role of **weed plants** in spread of 079186
Weed preparations are effective. [Field crops 079554
Weed problem again. 079503
plant seeds in soil. [Wheat, **radishes, weed** 079593
preparations on sugar beets & **weeds relative** 079414
Weed researcher challenges counterparts to 079476
on emergence & growth of **weeds** & **rice.** 077921
Fighting **weed seeds** in grain field. 079499
silene, a "new" **weed** in **Sweden.** [Silene no- 079506
Success with no-**tillage weed** control. [Herb- 079531
weedicides in control of **weeds** in **transplant** 079448
herbicides under plastics. [**Vegetables, weed** 079462
Vine weeds of North Central States. 079471
herbicide mistures on **weeds** & **winter** cereals 079409
Winter weed control in grain with Erbitox 079511
mulching & frequency of **weeding** on **yield** & 078265

WEEDICIDES
SEE HERBICIDES

WEEVILS
control of citrus **weevil, Amystax** fasciatus 079851
Karyotype analyses of **Pissodes weevils:** evi- 080508
interrelationships in **Pissodes weevils:** addit- 080509
Progress in control of **turfgrass weevil,** a sp- 079799

WEIGHT
hormonal stimulation **affecting weight** & fert- 075251
of broiler mash on growth & **weight** of **birds** 074863
of egg weight on eight-week **body weight** of 075317
Heritabilities & correlations of **body weight** 075319
between volume & **weight, compilation** of vo- 078887
Effect of milking on fleece **weight, cotts,** hai- 074638
heritability of Hereford **cow weights.** 075254
gland. I. Molecular **weight determination** in 080664
pig carcasses with **different weights.** 074004
Effect of **egg weight** on eight-week body wei- 075317
Relationships between **fetal weight,** placental 075264
Ended with success: **Fifth Weight** Gain Test 074446
Effect of milking on **fleece weight,** cotts, hai- 074638
Effect of pruning on yield, **fruit weight** & ve- 078742
Ended with success: Fifth **Weight Gain** Test 074446
cattle. III. Forage intake & **weight gain** of 074989
protein level of plant origin on **weight gains** 075034
Protein levels for swine fed to **heavy weights.** 074954
Protein levels for swine fed to **heavy weights.** 074955
of range grasses using **height-weight** ratios. 078290
of young bulls with regard to **live weight.** 073989
Study of body shapes & **live weight** of auncti- 074521
of variability & correlation of **live weights** of 074523
Influence of **live weight** on voluntary intake 075092
Weight loss of potatoes as affected by age, t- 074253
coating applied to oranges on **weight loss** & 074300
Molecular weight of pig liver microsomal ca- 074542
from sok gland. I. **Molecular weight** determ- 080664
of root neck measures & 100 **needle-weight** 076245
Longevity & **organ weights** of Beltsville Sm- 074753
between fetal weight, **placental weight** & ma- 075264
Changes in **weight** & **protein** content of meat 074016
of range grasses using height-**weight ratios.** 078290
on selection efficiency for **root weight** & sug- 077796
Pied cattle breed at **slaughtery weight** of 40 074038
Timber sale by **volume weight** in Norway. 076496
Ambient influences on **weaning weight** of B- 074789
Effect of planting distance on **yield, weight** 078745

WEIRS
in command area of **Kolachi weir** across Ma- 081635

WELFARE
of their soverignty for **welfare** of **Economic** 073277
of farm income & **general welfare** in agricul- 073133

WELLS
supply of drinking water from **deep wells.** 081774

WESTERN
Western U.S. Water plan study. 081756
Western agricultural research & environmen- 073556
of Achillea growing in central **western Alps;** 077593
Tickborne viruses in **Western** North **America.** 080001
chromosome counts of **western American** pl- 076932
ovarian activity in **western Australian** ewes. 076007
in native forages of **western Canada.** 077729
Gora Mountain (Polish **Western Carpathians)** 080468
as a marketing tool for **western cattle** feede- 073341

of Achillea growing in **central western** Alps; 077593
watersheds in **western** South **Dakota.** 081664
consequences of **diminution** of **Western** 073359
industries in Eastern & **Western Europe.** 073812
potatoes & spring barley in **western forest-s-** 078193
in Krasnozem soils of **western Georgia.** 081168
Significance of **western hemlock** phenolic ex- 076529
some aspects of grasslands of **western India** 078419
control research of USDA **Western Insects** 080030
an emission source in **western Montana.** 080240
for beef cattle in **western Nebraska.** 073500
Western Nebraska winter wheat makes good 078476
Revision of **western Palearctic** species of ge- 080581
mountain regions of Ala-Tau (**western part** 080230
of Babia Gora Mountain (**Polish Western** C- 080468
Lichens from **western Pyrenees** new to Fren- 076778
Ochteridae from **Western** & **Southern** Africa 080503
Bulassa & Dogondaji, North **Western State,** 075342
of a swamp area in **western Surinam** as an i- 081669
lupine as a forage crop in **western Ukraine** 077173
thistle (Salsola) species in **western United** 076696
Mosquito control research of **USDA Weste-n** 080030
Motsch. in WURLD [**Western Utilization** 079929

WET

Modifications undergone by **wet blue** in pro- 074044
Draff for cattle. [**Feeding, wet** grains]. 075153
at soil surface & advance of **wetting front** d- 081270
I. Effects & applicability of **wet methods** of 078401
of ammoniated slurry from **wet-process** pho- 081396
Technique & costs of **wet storage** of round t- 076461
in properties of watered & **wet-stored** windf- 076462

WETHERS

intakes on wool growth of **Merino wethers.** 074868

WHEAT

Wheat: situation & outlook. 073525
amount of gluten in flour. [**Wheat**]. 074206
Germ bread. [**Wheat**]. 074219
of Merino lambs early weaned onto **wheat.** 074869
of meiosis in Triticum aestivum. [**Wheat**]. 076931
Chinese Spring at mitosis & meiosis. [**Wheat**] 076934
of hybridization with Atlas 66. [**Wheat**]. 077053
of monosomic & nullisomic lines in **wheat** (077151
of meiosis in various froms of **wheat:** Agrop- 077213
Mutation in length of internodes of **wheat.** 077260
durum variety Oued Zenati 368. [**Wheat**]. 077625
tillering & heading in oat, barley & **wheat.** 077748
deoxyribonucleic acid synthesis. [**Wheat**]. 077866
winterhardiness of varieties. [**Wheat**]. 077911
resistance, yield & yield structure. [**Wheat**] 078298
A good type of **wheat.** [Varieties]. 078537
of early diagnosis of yield capacity of **wheat** 078543
Smut & bunt of **wheat.** [Ustilago tritici]. 078892
Application of fungicidal sprays in **wheat.** [079021
Profitableness of mildew control. [**Wheat**]. 079022
Link ex Reies from cotton, maize & **wheat** 079025
sativum (PKB) Ito et Kurib on **wheat.** [Slo- 079060
mildew, stem, brown & stripe rusts of **wheat** 079064
Cereal mildew on **wheat.** 079092
Erysiphe graminis DC.f.sp. tritici) in **wheat.** 079097
Post-emergence weed control in **wheat.** 079510
Chemical weed control in **wheat.** 079558
Utilization Research Laboratory] **wheat.** 079929
carbon dioxide in vertical bins. [**Wheat**]. 079934
phosphorous fertilization of **wheat** in "trum- 081275
Fertilizer use on **wheat.** 081481
tillage & seedbed implements, 1972. [**Wheat** 081531
assessing irrigation requirements of **wheat.** 081660
Irrigation of **wheat.** 081706
test for mammalian urine on **wheat.** 073578
amino acids of **wheat** with **application** of 2,4 077632
Germ fat & **wheat baking** capacity. 074123
of plant breeding stock. [**Wheat, barley**]. 077182
aneuploids in **wheat** & **barley.** 077711
Powdery mildew of cereals. [**Barley, wheat,** 079079
of protein nitrogen in plants. [**Wheat, beans** 077676
population model of spring **wheat--behavior** 077061
Physiologic races of **wheat black** rust (Pucc- 078950
Glume fertility in primitive **bread wheats** of 077255
of chlorophyll mutations in **bread wheat.** 077261
replication. [Plant **breeding, wheat**]. 077174
paleocolchicum Zhuk. [**Wheat, breeding**]. 077253
frost resistance of **wheat breeding** stock. 077950
Importance of Soviet **wheat breeds** to furth- 078316
Fluctuations in populations of **wheat bulb** fly 079685
Ophiobolus graminis on **buried wheat** plant 079078
compounds in buds of **wheat caryopsis.** 077831
upon plastid development. [**Cats, wheat**]. 077883
on damage to winter **wheat caused** by Tillet- 079072
Hygiene in **wheat cleaning.** 074217
Breeding of **corn, wheat** & barley to increase 077127
applied to subsequent crop in **wheat--corn** r- 081473
of Ethrel as a gametocide in **creating wheat** 077249
architecture & productivity of **wheat crop.** 077942
Pests of **wheat crop** & their control. [India] 079724
in irrigated winter **wheat crosses.** 077246
of selected west-German **wheat cultivars** in 077170
Use of growth inhibitors in **wheat culture.** 077819
Results with durum **wheat--culture** experim- 078338
hybridization of Triticum **durum Desf.** (2n 077257
composition of proteins in **developing wheat** 077752
dates for nitrogen fertilizers on **wheat** in **dry** 081286
sannhemp on yield of **wheat** in **dry** tract of 081439
Wilt or root rot of **wheat due** to Sclerotium 078911
Quality rating of **durum wheat** from southern 074112
Results with **durum wheat**--culture experim- 078338
with new extra early **durum wheat** "ISA l" 078389
by weather in Austria on **durum wheat** harv- 078978
with new extra **early durum** wheat "ISA l" 078389
Wheat-embryo ribonucleates. I. Subcellular 077706
of proteins in developing **wheat embryo** dur- 077752
of phenylalanyl-tRNA to **wheat embryo** ribo- 077871
of germinating **wheat embryos.** 077730
Acceptance of soybean-**enriched wheat** flour 073754
mildew of cereals. [Barley, **wheat, Erysiphe** 079079
lamellar proteins in **wheat etioplasts.** Funct- 077731
tall varieties of rice & **wheat** to **fertilization** 077747
Acceptance of soybean-enriched **wheat flour** 073754
functions of carbohydrate in **wheat flour.** 074111
yields to result from both rye & **wheat flours.** 074186
management variables on **wheat forage** & gr- 081480
of phosphate application for **wheat forage** & 081482
Valuable hybrid **wheat forms.** 077065
Utilization possibilities of **French wheats.** 074124
growth regulators). [**Fruit, wheat**]. 077595
of crop rotation hygiene. [**wheat, fungus** dis- 079037
Winterhardiness of first-**generation wheat** h- 077951
by environmental factors. [**Wheat, genetics**] 077128
New winter **wheat genotypes.** 077165
characteristics of isoenzymes of **wheat germ** 077874
Resistance of selected west-**German wheat** c- 077170
Informosomes of **germinating wheat** embryos 077730
fraction in **wheat** by means of **gradual** extra- 077703
Whole **wheat grain** feeding of lambs. II. Gr- 074869
Whole **wheat grain** feeding of lambs. III. R- 074870
temperature effects on **wheat** during **grain** fi- 077643
Protein content of winter **wheat grain** as rel- 077655
on yield & quality of spring **wheat grain.** 081289
Dynamics of sugars in **wheat grains** when ri- 074235
studies on insects infesting **wheat grains** in 079941
Animal problems in **grazing wheat** & other 076142
of fertilizers on yield in **wheat growing.** 077893
Hygienic assessment of **wheat grown** in a ne- 073697
in dark **grown wheat** leaves treated with del- 077835
density & aggregate size on **wheat growth.** 077753
Quality of **wheat harve** in 1972. [Proteins, s- 074113
weather in Austria on durum **wheat harvest** 078978
Valuable **hybrid wheat** forms. 077065
Response of **hybridized wheat** seeds to irrad- 077210
as a gametocide in creating **wheat hybrids.** 077249
of first-generation **wheat hybrids** in non-Che- 077951
hardiness of intervarietal **wheat hyybrids** in 077949
Meiosis in mutants of winter **wheat induced** 077241
of germinating plants of **wheat infected** with 079061
Ecological studies on insects **infesting wheat** 079941
Culture of spring **wheat instead** of winter w- 079034
Hybrids resulting from **intervarietal wheat** c- 077233
Winter hardiness of **intervarietal wheat** hyy- 077949
gelatinization behaviour of **large wheat** star- 074208
by chloroplast & cytoplasmic **wheat-leaf** rib- 077707
in dark grown **wheat leaves** treated with del- 077835
Wheat & Leonard millet for hogs. 074904
After **wheat, maize** & sorghum. [Forage pla- 078495
magnesium top dressing on **wheat** & **maize** 081466
of quality & yield of **wheat** by **mutation** bre- 077262
adenosine triphosphatases from **wheat** & **oat** 077838
features of soft winter **wheat obtained** from 077820
rotary tiller & application for **wheat** & **pad-u** 080931
with emphasis on Northern **Plains wheat** se- 073066
Ophiobolus graminis on buried **wheat plant** 079078
L. & evolution of **polyploid wheats.** [Einkorn 076917
Particular case of **wheat populations.** 077684
sugar industry in Japan. [**Potatoes, wheat,** 073490
characteristics of modern & **primitive wheat** 077689
Steam **processed wheat** & barley for use in 074098
mmercial aspects of **wheat** before **processing** 073278
phosphorus fertilizer for **wheat production.** 081483
Characterisation of three **wheat proteins** fo- 074162
of Triticum aestivum. [**Wheat, Puccinia** strii- 077133
control a probl em again? [**Wheat, Puccinia** 079050
storage of German **quality wheats.** 074120
for **wheat** with use of **radioactive** nitrogen(N 081302
to plant seeds in soil. [**Wheat, radishes,** weed 079593
of Iranian genetic material. [**Wheat, rey**]. 077259
Investigation of winter **wheat root** system c- 077741
Investigation of winter **wheat root** system c- 077742
nucleohistones in cucumber & **wheat roots.** 079599
duration of female meiosis in **wheat, rye** & 076982
Synthesis of three-species **wheat-rye** amphid- 077201
Secale cereale L. (2n=14). [**wheat, rye**]. 077257
Gibberellin level in some **wheat, rye** & barl- 077905
emphasis on Northern Plains **wheat sector.** 073066
incorporation by **wheat-seedling** cytoplasmic 077708
of salinity on time course of **wheat seedling** 077867
sugars from biostructure of **wheat seedlings** 077917
acids from biostructure of **wheat seedlings.** 077918
Response of hybridized **wheat seeds** to irrad- 077210
Purine metabolism in **wheat shoots** treated 077626
Wheat situation. 073372
Study on resistance of a **soft wheat** (Tritic- 079064
crop production. [Corn, **sorghum, wheat**]. 078477
Importance of **Soviet wheat** breeds to furth- 078316
Synthesis of three-**species wheat**-rye amphid- 077201
of modern & primitive **wheat species** in rela- 077689
active substances of various **wheat species** & 079094
Cytoplasmic influence in **specific wheat** stem 078948
lyase in green leaves. [**Spinach, wheat,** maize 077533
Ways of developing breeding of **spring wheat** 077023
with a population model of **spring wheat**--b- 077061
in altering winter wheats to **spring wheats.** 077186
on combining ability of **spring wheat** varieti- 077244
on growth & yield of **spring wheat** in differ- 077633
On effect of autumn frosts on **spring wheat** 077637
experiments with hard red **spring wheat,** Tri- 077659
of nitrogenous substances in **spring wheat.** 077829
of structure on yield of **spring wheat.** 077913
spacing on yield components of **spring wheat** 078501
Spring wheat on Don. 078507
Role of **Spring wheat** in intensive production 078551
prospective varieties of **spring wheat.** 078558
Culture of **spring wheat** instead of winter w- 079034
of biuret on yield & quality of **spring wheat** 081289
Applying nitrogen fertilizers to **spring wheat** 081299
of phosphorus fertilizers on **spring wheat** yi- 081411
trimethylammonium chloride on **spring whe-t.** 076985
Comparison of effect of **wheat starch** & gluc- 074763
Cytoplasmic influence in specific **wheat stem** 078948
granarius to phosphine. [**Wheat, storage** pes- 079928
in 1972. [Puccinia **striiformis, wheat**]. 078952
quality features of **summer wheat** in Croatia 074122
fertilizers applied to **summer wheat.** 081323
in Japan. [Potatoes, **wheat, sweetpotatoes**]. 073490
to appreciate strength of **tender wheats.** 074182
endogenous control of winter **wheat tillering** 077699
of autumn frosts on spring **wheat treated** wi- 077637
through hybridization of **Triticum durum** De- 077257
with hard red spring **wheat, Triticum** aestiv- 077659
manganese in grains of **wheat** of **Tselinograd** 074231
to Indian leaf rust races. [**Uredinales, wheat** 077254
economic efficiency of **wheat varieties.** 073049
phosphorus in grain of some **wheat varieties** 074234
combining ability of spring **wheat varieties.** 077244
quality of grain of winter **wheat varieties** res- 077634
Study of apical cones of **wheat varieties** diff- 077948
productivity of winter **wheat varieties.** I. C- 078373
productivity of winter **wheat varieties.** II. in- 078374
yield of two winter **wheat varieties** under co- 078375
resistance of rye & winter **wheat varieties,** s- 078984
stigmas of flowers of winter **wheat varieties** 079071
protein of various winter **wheat varieties.** 081340
by monosomic analysis in **wheat variety** Mex 077256
at first stage of Triticum **durum variety** Ou- 077625
Wheat variety X fertilizer response study. 081479
antigenic active substances of **various wheat** 079094
yellow rust in certain winter **wheat varities.** 078947
biochemical properties of **wheats** of **varying** 077744
acids in leaves of **non-vernalized wheat** under 077939
Wheat in **Washington** economy; an input-ou- 072964
Quality rating of **durum wheat** from southern 074112
Results with **durum wheat**--culture experim- 078338
with new extra early **durum wheat** "ISA l" 078389
by weather in Austria on **durum wheat** harv- 078978
Whole wheat grain feeding of lambs. II. Gr- 074869
Whole wheat grain feeding of lambs. III. R- 074870
baking of hard red **winter wheat.** 074099
baking properties of hard red **winter wheat.** 074100
winter-resistance of **winter wheat.** 077086
of mutation variability in **winter wheat.** 077100
of quality indices in **winter wheat.** I. 077148
New **winter wheat** genotypes. 077165
of qualitative characters in **winter wheat.** 077167
Natural hybridization of **winter wheat** under 077175
Inherited mutations in **winter wheat** as affe- 077176
Change in **winter wheat** in spring forms. 077177
high, yielding varieties of **winter wheat.** [Bu- 077185
Experiments in altering **winter wheats** to sp- 077186
Seven years' work with **winter wheat** in Sib- 077191
Triticale (2n = 56) with soft **winter wheat** 077192
triticale (2n=56) with soft **winter wheat.** 077214
Meiosis in mutants of **winter wheat** induced 077241
of productivity in irrigated **winter wheat** cro- 077246
capacity & quality of grain of **winter wheat** 077634
Protein content of **winter wheat** grain as rel- 077655
Nitrogen requirements of **winter wheat** (Trit- 077657
amount of protein nitorgen in **winter wheat** 077675
of endogenous control of **winter wheat** tiller- 077699
yield: pot experiment with **winter wheat.** 077717
Investigation of **winter wheat** root system c- 077741
Investigation of **winter wheat** root system c- 077742
of phosphorus in seed of **winter wheat** in rel- 077904
activity & frost resistance of **winter wheat.** 077955
measures on yield components **winter wheat** 078299
yield: pot experiment with **winter wheat.** 078304
More winter barley & **winter wheat** & delay- 078318
Abe soft red **winter wheat.** 078360
on potential productivity of **winter wheat** va- 078373
on potential productivity of **winter wheat** va- 078374
development & yield of two **winter wheat** va- 078375
Western Nebraska **winter wheat** makes good 078476
cultural practices on yields of **winter wheat** 078497
conditions on forming **winter wheat** yield. 078505
Agrotechnics of **winter wheat** in higher regi- 078545
on yellow rust in certain **winter wheat** varit- 078947
etiology & resistance of rye & **winter wheat** 078984

of spring wheat instead of **winter wheat** to 079034
tritici on stigmas of flowers of **winter wheat** 079071
of Trichothecin on damage to **winter wheat** 079072
of simazine & atrazine on **winter wheat.** 079491
causes of weediness with hard **winter wheat** 079551
Nitrogen requirements of **winter wheat** (Trit- 081311
during several years with **winter wheat** with 081336
in crude protein of various **winter wheat** var- 081340
in raising new varieties of **winter wheat.** 081410
Spring manuring of **winter wheat.** 081510
Soil tillage for **winter wheat** after various p- 081582
spring regeneration of **winter wheat.** 078544
population of nematodes of **winter wheat.** 079235
of Alopecurus agrestis in **winter wheat.** 079464
of soybean & its effect on **wheat yield.** 081385
phosphorus fertilizers on spring **wheat yield** 081411

WHEATGRASS
Productivity of **crested wheatgrass** pastures. 078334
effects of banvel 3 on **crested wheatgrass.** [079452

WHEEL
Four **wheel drive** tractor & greenhouse indu- 080983
Trials with Zetor 5511 four **wheel tractor.** 080991
Trials with Fiat 500 DT four **wheel tractor** 080992

WHEY
Regulation of acidity of milk, cream & **whey** 073974
milk substitute "Mlekopan" & with **whey.** 074704
Utilization of cottage **cheese whey** in ice cr- 073931

WHIRLIGIG
sex appendages of **whirligig beetles** (Gyrini- 080160

WHITE
Chrysanthemum indicum Linn.) var. **White.** 078083
Present trends in Black-**and-White** cattle br- 075313
Black-**and-White** Lowland cattle breeding in 075314
on interference between **barley white** musta- 077762
"big White & Eureka", two new entirely Ita- 075199
Odour of **white bread.** IV. Quantitative dete- 074243
experimentation with **white breeds** of beef c- 072883
of genes, yb1 & yb2 controlling **white burley** 074096
progeny performance of **caged White** Legho- 075318
reproductive performance of **caged White** L- 075325
progeny performance of **caged White** Legho- 080126
reproductive performance of **caged White** L- 080127
malignant catarrhal fever in **captive white-ta-** 075664
Present trends in Black-and-**White cattle** br- 075313
Cayuga White, first of a Finger Lakes series 078765
related to two-stage harvesting **white clover** 078453
Control of **white clover** (Trifolium repens) in 079582
of genes, yb1 & yb2 **controlling white** burley 074096
Some results of **controlling white** muscle dis- 075857
of genes, yb1 & yb2 **controlling white** burley 077033
self-incompatible lines of **white early** cabba- 077075
Cayuga **White, first** of a Finger Lakes series 078765
of stem nematode-induced **white flagging** in 079308
of yield of Malvazija Istarska **white grapes.** 078619
gains & feed conversion in **growing white** It- 075034
as related to two-stage **harvesting white** clo- 078453
analyses of stem nematode-**induced white** fl- 079308
quality of yield of Malvazija **Istarska white** 078619
feed conversion in growing **white Italian** gee- 075034
John White's drawings of Papilio glaucus L. 080272
analysis of Czech Large **White, Landrace** & 075333
production of hatching eggs in **large White** 073072
fat in muscle tissue of swine of **Large White** 074794
production of hatching eggs in **large White** 075321
carcass analysis of Czech **Large White,** Lan- 075333
of basal hypothalamus in **White Leghorn** co- 074751
Values of Bilirubin in gall of **White Leghorn** 074766
in liver homogenate of WL [**White Leghorn**] 074767
in liver homogenate of **White Leghorn** cock- 074769
cereals on egg production in **White Leghorn** 074951
fatty liver syndrome in **White Leghorn** layi- 075063
of young hens of **White Leghorn** breed. [Fe- 075068
performance of caged **White Leghorns** fed 075318
performance of caged **White Leghorns** fed 075325
performance of caged **White Leghorns** fed 080126
performance of caged **White Leghorns** fed 080127
shells laid by two lines of **White Leghorns.** 074743
Black-and-**White Lowland** cattle breeding in 075314
of genital organs & fertility of **white mice.** 075441
of enzyme in intestine of **white mice** infected 075602
Some results of controlling **white muscle** dis- 075857
interference between barley **white mustard** 077762
properties of a new **white mutant** of Euglena 076970
of Beltsville Small **White parthenogens** & n- 074753
of 14 C [carbon] in young **white pine** plants 078231
of hatching eggs from **White Plymouth** Rock 073355
of certain yield components in **white radish** 078758
Defibration of wood by use of a **white-rot** fu- 076517
Properties, distribution & origin of **white silt** 081156
organ weights of Beltsville **Small White** par- 074753
of growth rates in **white spruce.** [Picea glau- 076338
Genetics of **white spruce.** [Picea glauca]. 076403
Copper determination in **white sugar.** 074176
catarrhal fever in captive **white-tailed** deer in 075664
of hatching eggs in large **White Turkeys.** 073072
distribution of 14 C [carbon] in **young white** 078231

WHITEFLIES
for control of **whitefly, Aleuroczntbus** wogl- 079822
Citrus whitefly, Dialeurodes citri (Ashmead) 079810
leaves infested with **greenhouse whitefly** (Tr- 079850

WHOLESALE
Trade prospects for **wholesale & retail.** [Fo- 073195

WILD
a pathogen of Acacia mearnsii De **Wild.** in 078963
Did **wild animals** domesticate man. 074415
length of lucerne pollinating **wild bees.** [Alf- 080446
of projective cover in areas with **wild berry** 076870
regions in telencephalon of **wild boar** & do- 074499
Wild boar of Turgaisk plateau & its natural 074687
Tame & **wild** in **country** parks. 078663
Crossing wild & cultivated carrots. 077266
Did wild animals domesticate man. 074415
survey for viral antibodies in **wild ducks.** 075650
of wild onion (Allium candense), **wild garlic** 079579
Botanical source areas of **wild herbage** legu- 076811
Cytological studies in a **wild indian** species 076922
Wild Morus in central Asia. 076765
Domestication of **wild mushrooms.** 078653
between barley white mustard & **wild oats.** 077762
Control of **wild onion** (Allium candense), wi- 079579
Growth & development of **wild plant.** 077307
of sources for resistance from **wild plants.** [078946
tongue length of lucerne **pollinating wild** be- 080446
Salt tolerance in **wild relatives** of cultivated 078000
Wild rice historic commodity under study. 078426
Recreation carrying capacity & **wild rivers:** 081883
investigations into **wild species** of genus Beta 076685
oryzae Breda de Haan on some **wild species** 078961
with Rhizobia of cultivated & **wild tur** & Sa- 081208
Purification & characterization of **wild type** 077436
catecholamine metabolism in **wild-type** Dro- 080320

WILDERNESS
Wildlife **range wilderness** study. 081768

WILDLIFE
Wildlife range wilderness study. 081768

WILT
races of Fusarium oxysporum f. pisi. [**Wilt**] 078902
selections to verticillium [dahliae] **wilt.** 079016
Development of **bacterial wilt,** black root rot 077034
Bacterial wilt as an important cause of redu- 079140
Development of **bacterial wilt,** black root rot 079254
on chemical control of **coconut wilt** disease 079014
solani associated with a **wilt** of **Coffea** arabi- 078962
Xylanase activity of **cotton wilt** pathogen. [079096
cycle of Verticillium dahliae. [**Cotton, wilt**]. 079104
Medic) seedlings in relation to **wilt disease.** 079056
pratylenchus coffeae & Fusarium **wilt fungus** 079260
Wilt or **root** rot of wheat due to Sclerotium 078911
Fusarium [oxysporum] **wilt** of **spinach.** 078934
Breeding for tolerance to **Verticillium wilt.** 073380
between nematodes & **Verticillium wilt** of co- 078899
physiology of **Verticillium wilt** of cotton. 079103
A search for immunity to **Verticillium wilt** in 079106
Breeding for tolerance to **Verticillium wilt.** 079107
practices for control of **Verticillium wilt** of 079108
with skip-row culture on **Vertucillium wilt** of 078994
Yellow wilt in sugar beets. 079198

WILTING
critics find basic research stunted & **wilting** 072700
course of drying during **wilting** of **forage** pla- 074328
Short note on "**wilting phenomenon** in crop 077672

WIND
needed for reforestation of **wind eroded** areas 076362
After-effect of **wind** on **photosynthesis** & tr- 077841
to handling variants of **wind-thrown** pole w- 076466

WINDBREAKS
stands on irrigated lands. [**Windbreaks**]. 076216

WINDFALLS
Public irrigation projects, **windfall gains,** & 073130
race with time in logging of **windfall trees** c- 076258
Transportation of **windfall trees** in relation 076458

WINE
metting on better marketing of our **wines.** 073233
Attempts to produce sherry type **apple wine** 074252
Wine & other **beverage** comsumption in Swi- 073303
grapes & **wines** as well as **catechin** degration 074311
first of a Finger Lakes series of **wine grapes** 078765
synthetic desthiobiotin. [**Wine manufacture**] 073883
in casks & in bottles. [**Wine manufacture**]. 073919
a scholar's view. [**Wine manufacture**]. 074313
Wine market situation. 073345
which should be advanced. [**Wine production**] 074305
Clarification of **young wine.** 074314

WING
Pollination requirements of **winged beans** (078036
Deciduous wings in crickets: a new basis for 080393
AMP-ase activity in **wing disk** & mesothora- 080187
metabolic activity of **wing disks** of fleshfly, 080319
Collection of two-**wing insects** (Insecta, Dip- 080219
Net-**winged midges** or Blephariceridae of Ca- 080210
phenocopies of rudimentary **wing mutants** & 080276

WINTER
Feeding dairy cow in **winter.** 074841
in Finnish private forestry during **winter** of 076549
Sterilization of **overwintering adults** of cere- 079757
Experiments in **altering winter** wheats to sp- 077186
Winter-autumn treatment of fruit trees. [Fu- 079086
More **winter barley** & winter wheat & delay- 078318
Feeding grass straw to **wintering beef** cows. 075029
Overwintering & yield of **winter cerals.** 078549
application of herbicides in **winter cerals.** 079576
of winter & spring **cereals winter** whea- 077755
analysis, for shooting of **winter cereals.** 078320
mistures on weeds & **winter cereals.** 079409
Chemical weed control in **winter cereals** aut- 079450
on yellow rust in **certain winter** wheat varit- 078947
Spatial distribution pattern of **winter cherry** 080359
Winter chilling requirements of almond. [D- 078179
Winter chilling requirements of peach variet- 078180
measures on yield **components winter** wheat 078299
Effect of **winter crop** state on amount of ph- 077831
Growth & **overwintering** of **exotic** species u- 078220
for dairy cattle during **winter feeding** time. 074935
of agronomical studies on **winter flowering** of 078033
ripening conditions on **forming winter** wheat 078505
a high milk production in **winter half-**year. 074458
causes of weediness with **hard winter** wheat 079551
with soft winter wheat & **winter hardiness** of 077192
varieties differing in their **winter hardiness.** 077948
Winter hardiness of intervarietal wheat hyy- 077949
Kay orchardgrass moderately **winter hardy.** 078331
genetical aspects in **improving winter-resist-** 077086
Forming & **wintering** of **inflorescence** of str- 078088
of traits of productivity in **irrigated winter** 077246
impregnation of ewes after **winter lambing.** 075391
States' changing its tariff on **Mexican winter** 073338
Kay orchardgrass **moderately winter** hardy. 078331
Western **Nebraska winter** wheat makes good 078476
Productive grouping of **winter pasture** lands 072725
Energy supplementation in **winter pasture.** 075096
development & winterization in **winter rape** 077890
Winter rape in district Zdar nad Sazavou. 078547
properties, & baking of hard **red winter** whe- 074099
baking properties of hard **red winter** wheat. 074100
Abe soft **red winter** wheat. 078360
aspects in improving **winter-resistance** of wi- 077086
Experiments to inhibit growth of **winter rye** 078671
Fertilizers for **winter rye** in crop rotation in 081308
fertilization of potatoes & **winter rye** on sa- 081388
Triticale (2n = 56) with **soft winter** wheat 077192
morphological features of **soft winter** wheat 077820
crossing triticale (2n=56) with **soft winter** 077214
productivity of **winter & spring** cereals wint- 077755
productivity of **winter & spring** cereals spri- 077756
of apple tree bark during **winter-spring** peri- 078191
former crop on **overwintering & spring** rege- 078544
Wintering strategy for spring calving beef c- 075357
its implications for **successful overwintering** 075092
biuret mixtures as **winter supplements** for b- 074931
Observations on **winter survival** & diapausing 079843
its tariff on Mexican **winter tomatoes.** 073338
content in crude protein of **various winter** 081340
into feeding value of **winter vetch** compared 075035
growing & breeding of **winter vetch** (Vicia vi- 077150
Winter weed control in grain with Erbitox 079511
of winter & spring cereals **winter whea-** 077755
baking of hard red **winter wheat.** 074099
baking properties of hard red **winter wheat.** 074100
winter-resistance of **winter wheat.** 077086
of mutation variability in **winter wheat.** 077100
of quality indices in **winter wheat.** I. 077148
New **winter wheat** genotypes. 077165
of qualitative characters in **winter wheat.** 077167
Natural hybridization of **winter wheat** under 077175
Inherited mutations in **winter wheat** as affe- 077176
Change in **winter wheat** in spring forms. 077177
high, yielding varieties of **winter wheat.** [Bu- 077185
Seven years' work with **winter wheat** in Sib- 077191
Triticale (2n = 56) with soft **winter wheat** 077192
triticale (2n=56) with soft **winter wheat.** 077214
Meiosis in mutants of **winter wheat** induced 077241
of productivity in irrigated **winter wheat** cro- 077246
capacity & quality of grain of **winter wheat** 077634
Protein content of **winter wheat** grain as rel- 077655
Nitrogen requirements of **winter wheat** (Trit- 077657
amount of protein nitorgen in **winter wheat** 077675
of endogenous control of **winter wheat** tiller- 077699
yield: pot experiment with **winter wheat.** 077717
Investigation of **winter wheat** root system c- 077741
Investigation of **winter wheat** root system c- 077742
morphological features of soft **winter wheat** 077820
of phosphorus in seed of **winter wheat** in rel- 077904
activity & frost resistance of **winter wheat.** 077955
measures on yield components **winter wheat** 078299
yield: pot experiment with **winter wheat.** 078304
More winter barley & **winter wheat** & delay- 078318
Abe soft red **winter wheat.** 078360

on potential productivity of **winter wheat** va- 078373
on potential productivity of **winter wheat** va- 078374
Western Nebraska **winter wheat** makes good 078476
cultural practices on yields of **winter wheat** 078497
conditions on forming **winter wheat** yield. 078505
spring regeneration of **winter wheat.** 078544
Agrotechnics of **winter wheat** in higher regi- 078545
on yellow rust in certain **winter wheat** varit- 078947
etiology & resistance of rye & **winter wheat** 078984
of spring wheat instead of **winter wheat** to 079034
tritici on stigmas of flowers of **winter wheat** 079071
of Trichothecin on damage to **winter wheat** 079072
population of nematodes of **winter wheat.** 079235
of Alopecurus agrestis in **winter wheat.** 079464
of simazine & atrazine on **winter wheat.** 079491
causes of weediness with hard **winter wheat** 079551
Nitrogen requirements of **winter wheat** (Trit- 081311
during several years with **winter wheat** with 081336
in crude protein of various **winter wheat** var- 081340
in raising new varieties of **winter wheat.** 081410
Spring manuring of **winter wheat.** 081510
Soil tillage for **winter wheat** after various p- 081582
Experiments in altering **winter wheats** to sp- 077186
Overwintering & yield of winter cerals. 078549

WINTERHARDINESS

A new method of **evaluating winterhardiness** 077911
Winterhardiness of **first**-generation wheat h- 077951

WIRE

Cableways from **steel wires:** Information for 076193

WIREWORMS

forage plants on occurrence of **wireworms** [079749

WITCHES

Occurrence of sesame **witches broom** in Tai- 079161

WITCHWEED

parameters for resistance to **witchweed** (Str- 079475

WITHERING

Withering of **Pinus** trees injuried by Tehcod- 079273

WOMEN

Vocational testing for **women farmers** in east 072658
Training of **women farmers:** An audio-visual 072665
Women in **forestry** & environmental studies 076234

WOOD

Carbohydrate feed-stuff made out of **wood.** 074357
L.). I. Morphological aspects of **wood.** 076436
Carbohydrate feed-stuff made out of **wood.** 076515
Nematoda: Criconematinae) from **woodlands** 079315
durability of **wood adhesives.** 076481
Wood anatomy of certain phanerophytes of 076489
Wood anatomy of stem, branches & roots of 076962
mechanical properties of **ash wood** & their s- 076441
mechanical defibration of **wood,** & an **attem-t** 076557
from hydrolysate of sulphate **beech wood** pu- 074326
Transportation of **beech-wood** from forest to 076455
Prehydrolysis of **beech wood** & its influence 076506
Prehydrolysis of **beech wood** & its influence 076507
of forests & of utilization of **wood block** fur- 076301
Control of Japanese **wood borer** in imported 079893
economic factors in export of **wood chips** fr- 076430
control for deterioration of **wood chips** stor- 076526
of chemicals for preserving **wood chips** using 076537
treatment to preserve stored **wood chips.** 076539
Spontaneous heating in piled **wood chips**--c- 079141
Compression wood studies in provenances of 076438
properties of important **coniferous woods** in 076520
control of insects in **wooden constructions** & 079916
Role of bacteria in **wood decomposition.** 079143
different carbon sources. [**Wood destroying** 077406
Identifying **wood-destroying** beetles. 079903
of insulating barkboards to **wood desyroying** 076558
delignified cell walls in **wood** of **European** b- 076477
Increased **wood-fiber** production: technology 076337
in North-Central States. [**Wood fiber**]. 076555
community structure in **forest woodlots.** II. 079320
of development trends in **wood & furniture** i- 076440
of target rape grown on **gray wooded** soils in 078022
of secretion in Pinus **halepensis wood.** 078217
Logging storm thrown pole **woods--handling** 076465
On defects of **hornbeam wood** (Carpinus bet- 076436
family occurring in **hornbeam wood.** 079101
Identifying wood-destroying beetles. 079903
insects & mites found in **imported wood** iI. 079881
Prospects for **increased woods** labor organiz- 076286
Increased wood-fiber production: technology 076337
Feasibility of **wood industries** in "Model Val- 076542
Plan & tasks of branches of **wood industry.** 073450
of technical application of **wood inherent** bi- 076483
Control of **Japanese wood** borer in imported 079893
properties of **wood** using **Kubelka**-Munk eq- 076511
Prospects for increased **woods labor** organiz- 076286
diseases in small **woodlot management.** 079278
Housing shortage: can **wood meet** demand? 076498
Prefecture. III. migration of **wood mice** bet- 079321
on resistance of **modified wood** to fungi. 076567
properties of **wood** used for **musical** instrum- 076573
on natural resistance of **oak wood** to fungi 076566
ecology & vegetation studies in **outer woods** 076827
Spontaneous heating in **piled wood** chips--c- 079141
on conditioning of small logs of **pine wood** 076434
Logging & transportation of **pine wood** trun- 076457
crack formation in stored **pine wood** [Decay 076460
40000-Year-old **pine wood** from deep sedim- 076726
Conditions for affection of **pine wood** by F- 079099
of watered & wet-stored windfallen **pine wo-d.** 076462
III. ways of branching of **woody plants.** 076990
galactinum as a pathogen of **woody plants.** 079026
on herbicide behavior in **woody plants.** [Ha- 079608
Problem of **wood--plastics** relation in furnit- 076442
Wood & plastics, a general review. 076446
Logging storm thrown **pole woods**--handling 076465
handling variants of wind-thrown **pole wood** 076466
in acute poisoning by **wood preservatives.** 076171
method for evaluation of **wood preservatives** 076564
Evaluation of chemicals for **preserving wood** 076537
L. Industralization of **wood production.** 076339
Wood products in sanitary facilities of agric- 076444
in wooden constructions & **wood products.** 079916
Wood products in sanitary facilities of agric- 080723
studies for a prediction of **wood properties.** 076478
value of means of **wood protection.** 076562
hydrolysate of sulphate beech **wood pulp** of 074326
with oxygen & alkali. [**Wood pulp**]. 076538
Screening of effluents. [**Wood pulp** mills, wa- 081855
to pollution abatement. [**Wood pulp** mills]. 081856
units for air emission control. [**Wood pulp** 081857
elasticity & pulse constant of **wood** by **pulse** 076488
Wood quality of Eucalyptus grandis (Hill) 081345
Complex utilization of **wood** as **raw** material 076307
Studies of **wood raw** material & processes of 076557
Wood siding: installing, finishing, maintaini- 076550
harvesting & transport of small-**sized wood** 076310
Insect & plant diseases in **small woodlot** m- 079278
copper-chrome preservatives for **wood soft-r-** 076563
of target rape grown on gray **wooded soils** in 078022
chemical treatment to preserve **stored wood** 076539
control & preservation of **wooden structures** 076568
Compression **wood studies** in provenances of 076438
with dynamic membranes. [**Wood sugars**]. 076536
at College of Forestry & **Wood Technology** 076271
Damages inflicted on **wood** by **termite** Psa- 079918
Incidence of spotted fever in **wood ticks** of 079994
of hexosamine content of **wood tissue** decay- 081217
Gluing ability of veneer from **tropical wood** 076571
transportation of pine **wood trunks** from sto- 076457
of forest conditions & **wood utilization** for e- 076311
of forest condition & **wood utilization.** 076312
reserve on Turinese hills: **Wood** of **Vai** near 076267
effects of mucus from **wood wasp,** Sirex noct- 078202
removal system for log flumes. [**Wood waste** 076540
chipped tree tops & limbs. [**Wood waste**]. 076551
from a whole-tree chipper. [**Wood waste**]. 076552
removal system for log flumes. [**Wood waste** 081858
questioning in well **wooded weekend** & recr- 076255
Defibration of **wood** by use of a **white**-rot fu- 076517
of hardwood depots in **wood-working** plants 079917

WOODLAND

means of insect protection in **woodland.** 080397
L.) leaf litter in two **deciduous woodland** soi- 081160
L.) leaf litter in two **deciduous woodland** soi- 081161
investigations in **sclerophyllous woodland** & 076849

WOODSIA

Range extension of blunt-**lobed woodsia,** W- 076632

WOOL

Acetylation of **wool.** 074047
fleece properties & processing of **wool.** 074052
sheep by length & fineness of **wool.** 075403
including fibre-reactive derivatives. [**Wool**]. 073684
testing & sale by sample of **Australia wool.** 074053
Rapid acidification of **burry wool** on a pilot 074048
Summary of reports: 1973 sheep & **wool day** 074430
of radioactivity into **wool fibres** during & af- 074550
population for production of semi-**fine wool** 075376
level on depth & curvature of **wool follicles** 074871
price quotations for **wool** in some **form** must 073291
of protein & energy intakes on **wool growth** 074868
live body mass changes & **wool growth** of D- 074999
development of measures for **improving wool** 075417
of mutton & **wool** & means of **reducing** their 073129
of chemical method of **shearing wool** of she- 074813
Wool situation. 073377
A critical analysis of **wool transport** in Aust- 073346
Study of **wool yield** on various body parts of 074522

WORK

ilfov District as concerns **adequate working** 072691
seasonal aspects in **afforestation work.** 076378
Pheromones **aggregating workers** of Myrmi- 080327
Practical normalization in **agricultural work** 072901
insurance to **agricutltural workers** in New 072984
On wages of **workers** in **animal** industry. 073142
conclusions from low manual **work beet** cult- 078312
Breeding work with dairy cattle from gene 075366
Results of **work** in **breeding** soybeans for qu- 077190
Assessment of **work carried** out on groundn- 078263
in relation to soil **classification work.** 081245
Working conditions in dairy units. 074468
recording from in situ **working dog** heart in 074514
Editorial work of Zbigniew Kozar. [Parasito- 075977
in awarding bonuses to state **farm workers.** 073029
Suggestions for safety of **farm work.** 2. actu- 073035
Suggestions for safety of **farm work:** what is 080725
Automatization of **farm work.** 3. Developme- 080855
composition of tractor pool for **field work.** 072958
Dwellings & stability of **forest workers** in b- 076274
foramtion of ovaries in **workers** of **Formica** 080287
formation of ovary in **workers** of **Formica** (080285
changes in ovarioles of **workers** of **Formica** 080289
changes of ovarioles in **workers** of **Formica** 080290
Establishing purebred **herds-- work** of zoote- 075433
of exterior of head of **workers** of **honey** bee. 080684
a review of **work** done at **Horticultural** Res- 079219
Some results of **work** of **hydroengineers** of 081716
Evaluation of pesticides from **work hygiene** 080141
groups of young animal **industry workers** on 072975
information: Making **libraries work** for food 073736
conclusions from low **manual work** beet cult- 078312
Added value tax on **agro-mechanical work.** I- 073091
Improvement of **work methods** & organizati- 072921
Improvement of **work methods** & organizati- 080954
sheep project--will it **work** in **Oregon?** 074431
basis for production & **working organisation** 072885
Work organization & soil types influence eq- 080927
of plant protection research in **work plan** for 079361
Net plan technique in **planning work** & org- 072878
Present **working plans** for management of f- 076278
of hardwood depots in wood-**working plants** 079917
Present working plans for management of f- 076278
in development of **production workers** for a- 072642
of characteristics of **work productivity** in ag- 073463
unsaturated area in water **reclamation work** 081713
in agricultural **work requirements.** 072901
Research work in cereal & milling industry 074200
Primary results of scientific **research work** of 074489
Effectiveness of **work** of **Roza** Liuksemburg 073120
materials from point of view of **work safety** 079455
Scientific work of Frantisek Dibel, professor 072636
Scientific work in economic valuation of land 072745
Two-**shift work** of tractor & equipment oper- 072826
Forest as a **work site** is changing its appear- 076299
Intracellular recording from in **situ working** 074514
Recommendations of **socialist working** team. 078703
Reflections on equipment for **working soil.** 080933
of research & design of **work standarization** 072860
Work of **state** farms on full cost accounting 072961
Methodics of **work** with a **stauroscope** at de- 074174
in rats submitted to **strenuous work.** 074585
Recommendations of socialist **working team.** 078703
Administrator & his **working time.** [Farm m- 072830
borer Ostrinia nubilalis Hb./ **trap working** 077906
Agricultural University for **work** in **tropics** 072680
of hardwood depots in **wood-working** plants 079917
Seven **years' work** with winter wheat in Sib- 077191

WORMS

Stomach **worm disease** of horse caused by 075759
Stomach **worm disease** of horse caused by 075760
Treatment of stomach **worm infection** of gra- 075867

WORTS

of fermentable sugars. [**Worts, beer,** syrup]. 073860
waters & its effect on qulity of **malt, wort** & 074093

WOUND

Effects of **logging wounds** in young beech & 076475
affected by translocated **wound stimuli.** 4. C- 079193

WUCHERERIA

SEE DIPETALONEMATIDAE

XANTHINE

Distribution of **xanthine-oxidase** in eleven s- 074570

XANTHOMONAS

SEE PSEUDOMONADACEAE

XANTHOPHYLLS

Use of heat to saponify **xanthophyll esters** 074320

XYLANASES

Xylanase activity of cotton wilt pathogen. [079096

XYLEBORUS

gamma radiation. [**Xylosandrus, Xyleborus**] 079893

XYLEM

fluctuation in respiration of **aging xylem** in 078205
in cambial tissue & **differentiating xylem** iso- 078233
Effects of cytokinins in **xylem sap** from app- 078057

YARNS

of technological value of **fibre, yarn** & fabrics 074192
based on straw, fibre & **yarn quality** parame- 074194

YARROW

Control of **common yarrow** (Achillea millefo- 079590

YEAST
Polyploidy & radioresistance in **yeast.** I. Eff- 077196
Comparative genetics of **yeast.** IV. Identific- 077197
affecting cytochrome system in **yeasts.** 077209
Comparative genetics of **yeasts.** III. interact- 077220
Genetic control of radiosensitivity in **yeasts.** 077230
wine by means of oxidative **yeast autolysis.** 074252
Strains of yeast lethal to **brewery yeasts.** 073861
Sensitivity of meiotic **yeast cells** to ultravio- 077081
Effect of **yeast extract** concentration in med- 077813
Posibilities of obtaining **fodder yeast** from h- 074326
Effect of **hydrocarbon yeast** as dietary prote- 074986
of a single addition of **yeast hydrolysate** to 080182
powdered skim milk & **Torula yeast** as basic 075125
nitrate-reducing system of **yeast Torulopsis** 077541

YELLOW
scanning calorimetries of **bright-yellow** & 077736
incubation time of lethal **yellowing disease** of 079244
Control of **yellow foxtail** (Setaria lutescens) 079586
zeae Narita & Hiratsuka) & **yellow leaf** bli- 079067
palms threatened by **lethal yellowing.** [Myc- 079197
roots (calcicole plant) & by **yellow lupine** r- 077844
of 5'-terminal of turnip **yellow mosaic** virus 079202
replication of TYMV [Turnip **yellow mosaic** 079209
depredations on spot-seeded **yellow-poplar** in 076215
leaves & its role in **yellowing process.** 077966
Flavonic heterosides in red & **yellow rose** va- 078163
Effects of vernalization on **yellow rust** in ce- 078947
Notes on **yellow rust** epiphytotic in Denma- 078952
cause & epidemiology of **yellowing virosis** di- 079170
Yellow wilt in sugar beets. 079198

YIELD
in roots of selective forms & their **yield.** [Po- 077682
Photosynthesis & **yield:** pot experiment with 077717
spacing of rice plants increases its **yield.** 078473
of nematodes, on invasion of plants & **yields** 079373
of collective farms & state farms. [**Yields**]. 081412
angle, leaf area, & corn (Zea mays L.) **yield** 077649
placement on maize development & **yield.** 078266
Temperature influences **alfalfa yields.** 078323
Effect of planting density on **apple yields.** 078750
of irrigation on growth & **yield** of **apples.** 078072
organs on formation of **yields** of **barley** under 077947
on trunk diameter & **yield** of **Bartlett** pear 081550
cover in areas with wild **berry yielding** plan- 076870
What goes into better **berry yields?**[Strawb- 078625
Larger loss in **yield** by **black** rust: chemical 079050
on dynamics of nitrates & **yield** of **cabbages** 081294
Yield capacity & quality of grain of winter 077634
problem of early diagnosis of **yield capacity** 078543
Principles of programming **yield capacity.** [078564
Scientific basis for increasing **yield capacity** 078847
Yield capacity of tomatoes in relation to fo- 081406
of mineral fertilizers on **yield capacity** of co- 081517
A performance evaluation & **carcass yield** of 074888
Depression of quarter milk **yield caused** by 075643
practices on formation of **cereal yield** by he- 078296
to medium soils for higher **cereal yields.** [S- 078310
nitrogen rearrangement & **yield** of **cereals.** 081343
Studies on relationship of **certain yield** com- 078758
top dressing on **yields** & **chemical** composi- 081465
on effect of insecticides on **yield** of **chilli** [r- 079820
Eviscerated **yield, component** parts, & meat, 074079
Genetic studies on **yield components** in pea 077104
cultural measures on **yield components** wint- 078299
of plant spacing on **yield components** of spr- 078501
on relationship of certain **yield components** 078758
Variation in **yield** & **composition** of ilk thro- 074589
Research **concerning yield** of chrysanthemu- 078779
of thee herbicides on weed **control, yield** & 079573
& Relationships between drought & **corn yields** 077642
index & radiation as related to **corn yield.** 077660
Dependence of **corn yield** on plant density 078279
Paln to make high **corn yields.** 078289
Dependence of **corn yield** on plant density 081321
Quality & **yield** of **cottage** cheese made with 073930
fiber quality, & **yields** of two **cotton** species 077912
Correlation between **crop yield,** photosynth- 077564
Small grains research. [**Crop yields**]. 078490
Soil structure: its effect on **crop yield.** 081159
Relations between plant **density, yield** & st- 078466
Hay harvested **early yields** a higher quality 074345
Effect of various feed on **egg yield** of guinea 074877
Eviscerated yield, component parts, & meat, 074079
Some hereditary patterns in milk **yield, fat** 075412
Effects of harvesting dates in **fiber yield** & 078531
of phenoxy herbicides on **yield** of **first** & se- 079572
Effect of deep fumigation on **yield** of **flue-cu-** 079393
of sowing of lucerne on **yields** of **fodder** & s- 078499
Forage yields increased three years following 079274
reduction coefficients for **forecasting yields** 078459
Assignments & problems of **forest yield** scie- 076256
development of long-term **forest yield** resear- 076257
of timing of fertilizations on **yield** of **fresh** g- 081505
training system & cultivar on **yield** & **fruit** 078069
training (growing) systems on **yield** & **fruit** 078741
Effect of pruning on **yield, fruit** weight & ve- 078742
frequency of weeding on **yield** & **general** per- 078265
in leaf & their influence on **yield, grade,** & 077809
of some fertility factors & **grain yields** in F1 077251
Effect of antitranspirants on **yield** of **grain** 077641
Grain yield, milling quality, & seed viability 077648
photosynthetic limitation to **grain yield** in a 077685
on growth, development & **grain yield** of two 078340
of plant spacing within ridge on **grain yield** 078341
on varietal difference in **grain yield** of maize 078436
planting density as affecting **grain yield** of 078483
dynamics of soil nutrients & **yield** of **grain** c- 081298
potassium & irrigation on **growth, yield** & f- 078070
Effect of rootstock on **growth, yield** & quali- 078171
Effect of crown shape on **growth, yield** & fr- 078740
Delignification of **high-yield** southern pine s- 076528
disk refining--a new technique in **high-yield** 076531
Breeding **high-yielding** varieties of rice (Or- 077106
Breeding **high, yielding** varieties of winter 077185
nitrogen on quality of certain **high yielding** 077824
Produce **high yields** of quality cotton. 078288
Quality seed--basis for **high yields** of spring 078552
High yield & good quality of seed potatoes. 078678
yield potential of some **high yielding** rice va- 081429
an aid to greater production of **high yielding** 081671
Complex amelioration for **higher yield** of wa- 081537
phosphorus & potash on **yield** of **hybrid** jow- 078368
Forage **yields increased** three years following 079274
Scientific basis for **increasing yield** capacity 078847
Effect of soil management on **initial yield** & 081398
Selected U.S. Crop budgets: **yields, inputs,** 073094
doses of fertilizers on **yield** of **Jonathan** app- 081397
research at increasing **kilogram yield** per ac- 072799
nutrient content, burning quality, **yield, leaf** 077928
Pima cotton **lint yield** as influenced by irrig- 078261
Studies on **yield** of **long**-term sugarcane in r- 078532
weed control on growth & **yield** of **lowland** ' 079473
evapotranspiration rate & **maize yield.** 077960
on quantity & quality of **yield** of **Malvazija** 078619
sex ratio, fruit set & **yield** of **mango.** 079220
Comparative dry **matter yield** patterns of gr- 078342
dry Simmental cows with a **milk yield** of up 075144
dry amide beet pulp on health & **milk yield** 075169
Some hereditary patterns in **milk yield,** fat 075412
Depression of quarter **milk yield** caused by 075643
Grain yield, milling quality, & seed viability 077648
Investigations on **yield** of **mineral** matter fr- 078574
moisture tension & amendments on **yield, oil** 078022
on quality of certain high **yielding paddy** var- 077824
Comparative dry matter **yield patterns** of gr- 078342
Population & **yield per** hectar in fields of bl- 078621
research at increasing kilogram **yield per** ac- 072799
Yield performance of sugar beets. 078429
on patterns of **yield** from **permanent** grassla- 078577
nitrogen fertilization on **yield** & **persistence** 081524
between crop **yield, photosynthesis** intensity 077564
dosage of fertilizers for a **planned yield** in ir- 081511
potassium] fertilization on **potato yield** & le- 078162
affecting increase of average **potato yield.** 078729
potassium] fertilization on **potato yield** & le- 081478
Yield & potential of artificially dried grass. 078273
Rapeseed: development & **yield potential.** 078275
Nitrogen response & **yield potential** of some 081429
magnesium at three rates on **yield** & **price** of 077930
are not expressed in **productivity yields.** 072748
Principles of **programming yield** capacity. [078564
On incorporation of milk **protein yield** into 075186
On incorporation of milk **protein yield** into 075188
nitrogen fertilization on **yield** & **protein** con- 081339
Relationship of **pulp yield** with KMnO4 no. 076513
nitrogen doses on **yield** & some **qualitative** 081469
procedures on planting & **yield qualities** of 078506
Effect of fertilizers on **yield, quality** & upta- 077636
ripening phases on **yield** & **quality** of fiber-f- 077910
on nutrient content, burning **quality, yield,** l- 077928
some growth regulators on **yield** & **quality** d- 078305
phosphorus fertilization on **yield** & **quality** of 078781
Effect of cane girdling on **yield** & **quality** of 078794
amounts of biuret on **yield** & **quality** of spri- 081289
phosphorus & potassium on **yield** & **quality** 081292
Effect of micronutrients on **yield** & **quality** of 081297
Effect of phosphogypsum on **yield** & **quality** 081309
Effect of nitrogen rate on **yield** & **quality** of 081330
dates of vine killing on **yield** & **quality** of 081331
phosphorus fertilization on **yield** & **quality** of 081468
S [sulphur] fertilization on **yield** & **quality** 081499
a persistent perennial that **reduces yields.** [079544
fertilizers on spring wheat **yield relative** to 081411
of long-term forest **yield research** studies. 076257
of row width on lodging **resistance, yield** & 078298
Yield response of soybean varieties grown at 078259
Comparison of **yield response** of groundnuts 081344
optimal baking qualities & **yields** to **result** f- 074186
yield potential of some high **yielding rice** va- 081429
problems of forest **yield science** in forestry 076256
Sediment yields from small rangeland water- 081664
Relationship between clover **seed yields** & s- 078511
doses of nitrogen fertilizers on **yield** of **seed** 081304
tillage methods on growth & **yield** & **silage** 081528
Procedures for using **yield simulation** progr- 079574
Emphasis in **yielding slaughtering** by-produc- 074003
Grain **sorghum yields** in one-row & two-row 078258
Delignification of high-**yield southern** pine s- 076528
steps aiming at increasing **soybeans yield** u- 078465
polyphosphate on growth & **yield** of **spring** 077633
some indices of structure on **yield** of **spring** 077913
Growth, sex expression & **yield** of **squash** m- 078095
Yield stability of sorghum varieties & hybri- 078306
Yield stabilization in lettuce production in p- 078693
Securing high & **stable yields** in greenhouse 078691
Yield & **starch** content of potatoes as affect- 078791
on lodging resistance, yield & **yield structure.** 078298
mastitis, & response of **yield** to **sucessful** th- 075643
Sugar cane quality control & **sugar yield.** [T- 073678
Yield, sugar content & alpha-aminonitrogen 077967
How to ensure high **sugar yield?** 078311
on weediness of crops & **yield** of **sugar** beets 079494
Higher **sugarcane yields** through higher pop- 078526
a new technique in high-**yield sulfite** pulping 076531
on growth of & **yields** of **sunflower** cultivated 078458
for manure with **yield supplements** in rotated 081307
dry-chilling on **yields** & **tenderness** of broile- 074068
sowing rate on **yield** of **tetraploidal** rye und- 077757
Effect of fertilizers on apple **tree yield.** 081491
Effect of micronutrients on **yield** & **uptake** of 081386
early flower stages on **yield** & **value** of flue- 077924
Yield & **value** of Burley tobacco as affected 078542
Breeding high-**yielding varieties** of rice (Or- 077106
Breeding high, **yielding varieties** of winter 077185
Effect of planting distance on **yield, weight** 078745
Improvement of quality & **yield** of **wheat** by 077262
Influence of fertilizers on **yield** in **wheat** gr- 077893
conditions on forming winter **wheat yield.** 078505
of soybean & its effect on **wheat yield.** 081385
of incorporating sannhemp on **yield** of **wheat** 081439
phosphorus fertilizers on spring **wheat yield** 081411
growth, development & **yield** of two **winter** 078375
some cultural practices on **yields** of **winter** 078497
Overwintering & **yield** of **winter** cerals. 078549
Study of **wool yield** on various body parts of 074522
of culture measures on **yield** & **yield** structu- 078297

YOGHURT
of storage temperatures on quality of **yogurt** 073955
Natural fruit & other flavours in **yoghurt.** 073980

YOLKS
fatty acid composition of egg **yolk, adipose** t- 075049
Egg **yolk changes** during preservation of egg 074062
heated, spray dried, & sonicated **egg yolk.** 074073
of cow manure on pigmentation of **egg yolks** 075039
composition in natural & **induced yolk** mottl- 074742
Relationship of **yolk pigmentation** to candled 075044

YOUNG
in professional groups of **young animal** indu- 072975
Young animals in perintal & postnatal perio- 074814
Effects of logging wounds in **young beech** & 076475
Godronia multispora Groves on **young Betula** 079081
Utilization of meat of **young boar,** intermed- 073998
in large-scale fattening of **young bulls** & ste- 075132
breeding. Selection of dairy **young bulls.** 075189
Charolais & German Black-Pied **young bulls** 075374
of Czechoslovak Spotted breed of **young bul-s** 073989
Labour organisation in a **young-cattle** rearing 072932
On quality of meat & hide of **young cattle.** 074056
in dairy, fattening or rearing **young cattle?** 074423
pasturing & fattening of **young cattle.** 074487
fraction in serum of **young cattle** fed with m- 074704
methods of feeding **young cattle** & in produc- 074910
perchlorate in fattening **young cattle.** 074992
A, D2, & B12 in feed rations of **young cattle** 075147
Large-scale fattening of **young cattle** in Len- 075159
health & milk yield of cows & **young cattle.** 075169
production of calves & (or) **young cattle.** 075214
of meat productivity of **young cattle** of plan- 075425
Survival of **cedar young** growth in fellings of 078210
Toxicity of mercury to **young chickens.** 1. Ef- 076133
Toxicity of mercury to **young chickens.** 2. G- 076134
Toxicity of mercury to **young chickens.** 3. C- 076141
oxygen consumption in **young chicks.** 074592
hen manure into diet of **young chicks.** 075067
halepense (L.) Pers., on **young citrus.** 078054
of large-scale raising of **young crossbred** & S- 075405
cattle breeding. Selection of **dairy young** bul- 075189
Adenocarcinoma in ileum of a **young dog.** 075998
of ammonium perchlorate in **fattening young** 074992
using standardized methods of **feeding young** 074910
enzyme preparations in **feeding young** swine 075171
Water economy of **young forest** plants ater 078208
Ethylene, a regulator of **young fruit** abscissi- 077863
Defoliation of rootstocks & **young fruit** trees 078749
Survival of cedar **young growth** in fellings of 078210
phosphorus on development of **young hens** of 075068
of Nematodirus battus in **young lambs.** 075711
of zincated fertilizers for **young maize** as inf- 081489
Scolytidae) on trunk of **young maritime** pine 079912
of Charolais & German Black-Pied **young** bu- 075374
variations in body temperature in **young pig** 074699
Young-plant raising & planting of bush tom- 078707
on spore germination & **young protonema** g- 077488
in dairy, fattening or **rearing young** cattle? 074423
State of **young reforestations** in Sweden, 19 076400
rice plant transplanted as **younger seedlings** 077783
with improvement cutting in **young stands.** 076375
age on in vitro lipogenesis in **young swine.** 074966
enzyme preparations in feeding **young swine** 075171

Meat productivity of **young Tombov** Red, B- 074485
Clarification of **young wine.** 074314

YOUTH
Role of **youth** in **development** of agriculture 072668

ZANTHOXYLUM
constituents of **Australian Zanthoxylum** spe- 076432
of Zanthoxylum/**Fagara complex.** 076797
of bark of **Zanthoxylum decaryi** H. Perrier 077318

ZEA
SEE CORN

ZEBRINA
SEE MOLLUSKS

ZEBUS
population in rumen of **Zebu cattle.** 074633
vitamin A upon corn silage for **Zebu cattle.** 074893
hemoglobin types in Holstein **cows, Zebus,** 075352
study in development of **Zebu** & **Lavinia** cat- 074896

ZELENY
special flours: **Pelshenke, Zeleny** & Braben- 074215

ZINC
A note on response of hybrid maize to **zinc** 081383
of aerial applications of **zinc** to **avocado** tre- 079257
Dynamics of manganese, **boron, zinc,** iron, 077305
Zinc content of fodder from pastures in Swi- 074348
Zinc content of Tamil Nadu soils. 081142
ovaries of cows & heifers. IV. **Zinc** & **cooper** 075559
Effect of **zinc, copper,** & iron on ochratoxin 077322
Content of **zinc, copper,** lead & vanadium in 081144
Zinc, copper & manganese contents in mine- 081189
A relationship between **zinc deficiency** & pe- 079195
Zinc metabolism in rabbits in postirradiation 076132
Zinc nutrition of rice in relation to iron & 077746
manganese, ash, calcium, **phosphorus, zinc** 076006

ZINGIBERACEAE
of genus Globba L. **(Zingiberaceae)** in Mala- 076675
planting. [Meloidogyne **javanica, zingiber** of- 079383
content in **ginger** [**Zingiber officinale** Rosc.] 077420

ZOALENE
of furazolidone, tylosin, & **zoalene** in **feeds.** 074322

ZOISIA
Nematoda: Heteroderidae). [**Zoysia japonica** 079318
burning temperatures. [**Zoysia, Miscanthus,** 078398

ZONE
of dairies in James Craik (Cordoba) **zone.** 073052
nutrients in relation to crops in **arid zone** of 078046
of deciduous forests of semi-**arid zone** of Ra- 078216
nutrients in relation to crops in **arid zone** of 081380
of Radopholus similis in **banana zone** of Po- 079354
Biologic definition of **bathymetric zones.** 076838
Maubl.) Ashby), in crops of **central zone.** 078891
Land resources of non-**Chernozem zone.** 072743
of Charolais cattle in non-**Chernozem zone.** 075422
central non-**Chernozem zone** of RSFSR. 081011
loamy soils of central non-**Chernozem zone** 081310
Soil features of **chestnut zone** of Aktiubinsk 081025
on variety & growth in soil **climatic zone.** 074231
potassium in different agro-**climatic zones** of 078365
Forest road building in **flysch zone.** 076426
in plants found in northern **forest zone** of B- 077375
species of Muridae with fleas in **forest zone** 080019
of farming in Alpine **green zone.** 080904
Bark **lichen zones** in town of Tampere. [Air 081820
i. Water flux within & below **root zone.** 081012
saline sodic soils of **scarcity zone** of Mahara- 081644
A provisional tree **seed-zone** & cone-crop rat- 076407
forests of birch-grove forest-**steppe zone** of 078199
soil of Ukrainian forest-**steppe zone.** 081294
without irrigation projects in **sudanian zone:** 078264
Forests of **taiga zone** of eastern Siberia. 076198
of two-membered rocks of middle **taiga zone** 081135
II. Hardwoods **(temperate-zone).** 076447

ZOOGEOGRAPHY
Zoogeographical estimate on terrestrial, cav- 080477
Ecological & **zoogeographical study** of Sphi- 080542

ZOOLOGY
Zoological collectings by Hungarian Natural 080596
Zoological collectings by by Hungarian Nat- 080611
Results of **zoological research** by Z. Kaszab 080487
Results of **zoological research** by Dr. Z. Ka- 080613

ZOOTECHNICS
testing stations of Institute of **Zootechnics** 075284
Zootechnical & economic effectiveness of in- 075413
of livestock housing & **zootechnical norms** f- 080794
a focus of "Q" fever in a **zootechnical unit.** 075758

ZYGAENIDAE
subspecies of **Zygaenidae** from **morocco.** 080546

GEOGRAPHIC INDEX

Afghanistan 076725
Afghanistan 078357
Afghanistan 080484
Agrentine Republic 078371
Alabama 073394
Alabama 075627
Alabama 076176
Alabama 076334
Alaska 073732
Alaska 076633
Alaska 076726
Alaska 078778
Alaska 081769
Algeria 072737
Algeria 073497
Algeria 075965
Algeria 081177
Angola 073429
Angola 081047
Argentine Republic 072705
Argentine Republic 073052
Argentine Republic 073291
Argentine Republic 073300
Argentine Republic 073306
Argentine Republic 073368
Argentine Republic 073501
Argentine Republic 073515
Argentine Republic 073516
Argentine Republic 073517
Argentine Republic 073518
Argentine Republic 075096
Argentine Republic 075844
Argentine Republic 076385
Argentine Republic 076686
Argentine Republic 078166
Argentine Republic 078521
Argentine Republic 079067
Argentine Republic 079068
Argentine Republic 080134
Argentine Republic 080593
Argentine Republic 081697
Arizona 076407
Arizona 078472
Arizona 080558
Arizona 081603
Arizona 081692
Arizona 081740
Arizona 081754
Australia 072729
Australia 072995
Australia 073346
Australia 073399
Australia 073508
Australia 073707
Australia 073758
Australia 074950
Australia 075642
Australia 075644
Australia 075645
Australia 075646
Australia 075650
Australia 076007
Australia 076369
Australia 076430
Australia 076728
Australia 076730
Australia 076731
Australia 076732
Australia 076733
Australia 076734
Australia Autsria 076735
Bangladesh 076849
Bangladesh 078478
Barbados 079153
Belgium 079226
Belgium 079382
Belgium 079687
Belgium 079950
Belgium 080129
Belgium 080803
Belgium 080804
Belgium 081055
Belgium 081476
Belgium 081554
Belgium 081555
Belgium 081556
Belgium 081604
Belgium 081662
Belgium 081717
Bolivia 081747
Brazil 081848
Brazil 081871
Brazil 072621
Brazil 072622
Brazil 072749
Brazil 073145
Brazil 073146
Brazil 073215
Brazil 073352
Brazil 073382
Brazil 073384
Brazil 073385
Brazil 073387
Brazil 073433
Brazil 073434
Brazil 075231
Brazil 076174
Brazil 076177
Brazil 076178
Brazil 076179
Brazil 076184
Brazil 076235
Brazil 076236
Brazil 076237
Brazil 076240
Brazil 076241
Brazil 076343
Brazil 076418
Brazil 076420
Brazil 076421
Brazil 076422
Brazil 076423
Brazil 076426
Brazil 076723
Brazil 077142
Brazil 078567
Brazil 078568
Brazil 078978
Brazil 079050
Brazil 079366
Brazil 079532
Brazil 079880
Brazil 080605
Brazil 080728
Brazil 080859
Brazil 081058
British Honduras 081059
Bulgaria 081326
Bulgaria 081680
Bulgaria 076185
Bulgaria 072634
Bulgaria 072967
Bulgaria 077293
Bulgaria 072764
Bulgaria 072765
Bulgaria 072924
Bulgaria 073075
Bulgaria 073408
Bulgaria 074301
Bulgaria 076578
Bulgaria 076692
Bulgaria 076845
Bulgaria 078372
Bulgaria 078630
Bulgaria 079137
Bulgaria 079477
Bulgaria 081693
Bulgaria 081696
Bulgaria 073472
Bulgaria 072802
Bulgaria 072855
Bulgaria 072925
Bulgaria 073079
Bulgaria 073080
Bulgaria 073182
Bulgaria 073444
Bulgaria 073445
Bulgaria 073482
Bulgaria 073503
Bulgaria 073621
Bulgaria 073622
Bulgaria 073623
Bulgaria 073624
Bulgaria 073770
Bulgaria 074092
Bulgaria 074400
Bulgaria 074418
Bulgaria 074446
California 075084
California 076468
California 076650
California 077027
California 077514
California 077591
California 078343
California 078344
California 078345
California 078412
California 078413
California 078414
California 078415
California 078722
California 078723
California 078877
California 079389
California 079693
California 079817
California 080419
California 080622
California 080624
California 080625
California 080627
California 080630
California 080631
California 081618
California 073228
California 072858
California 072859
California 072860
California 072871
California 072877
California 072891
California 073045
California 073046
California 073047
California 073048
California 073049
California 073050
California 073466
California 073514
California 074407
California 075346
California 075887
Cameroun 077124
Cameroun 077185
Cameroun 077899
Canada 078479
Canada 078480
Canada 078481
Canada 078482
Canada 078483
Canada 078485
Canada 078515
Canada 078729
Canada 078790
Canada 078791
Canada 078792
Canada 078883
Canada 079064
Canada 079666
Canada 079873
Canada 080681
Canada 080735
Canada 080738
Canada 080889
Canada 081185
Canada 081193
Canada 081592
Canada 073002
Canada 073003
Canada 073004
Canada 073131
Canada 073183
Canada 073184
Canada 073397
Canada 073410
Canada 075009
Canada 075631
Canada 076229
Canada 078648
Canada 078650
Canada 078673
Canada 078913
Canada 078934
Canada 078935
Canada 078936
Canada 079752
Canada 079753
Canada 079819
Canada 079953
Canada 079956
Canada 079961
Canada 079963
Canada 079964
Canada 079971
Canada 079972
Canada 079973
Canada 079974
Canada 079975
Canada 079976
Canada 079977
Canada 079978
Canada 079981
Canada 079983
Canada 079987
Canada 080042
Canada 080051
Canada 080210
Canada 080502
Canada 080504
Canada 080814
Canada 081606
Canada 081755
Canada 078263
Canada 079280
Canada 080409
Canada 072991
Canada 073590
Canada 073957
Canada 074378
Canada 075663
Canada 075664
Canada 075665
Canada 075666
Canada 076187
Canada 076188
Canada 076195
Canada 076250
Canada 076251
Canada 076379
Canada 076510
Canada 076596
Canada 076629
Canada 076630
Canada 076631
Canada 076632
Canada 076634
Canada 076635
Canada 076636
Canada 076637
Canada 076721
Canada 076722
Canada 076853
Canada 076979
Canada 077314
Canada 077729
Canada 078325
Canada 078333
Canada 078334
Canada 078628
Canada 078640
Canada 078875
Canada 078967
Canada 079045
Canada 079046
Canada 079316
Canada 079401
Canada 079634
Canada 079698
Canada 079801
Canada 079802
Canada 079837
Canada 079842
Canada 079886
Canada 079895
Canada 079896
Canada 079906
Canada 079990
Canada 080174
Canada 080186

Canada 080218
Canada 080236
Canada 080506
Canada 080668
Canada 081154
Canada 081597
Canada 081694
Canada 081728
Canada 081788
Canada 081870
Canada 081875
Canda 081358
Ceylon 078604
Ceylon 081653
Chile 077011
Chile 078891
Chile 079116
Chile 079910
Chile 080490
Chile 081275
China 072715
China 072965
China 078775
China 080587
China 081722
Colombia 073078
Colombia 073781
Colombia 074447
Colombia 074450
Colombia 074789
Colombia 075704
Colombia 076741
Colombia 078520
Colombia 078796
Colombia 079727
Colombia 081763
Colombia 081849
Colorado 073992
Colorado 076616
Colorado 078291
Colorado 079262
Colorado 079437
Colorado 079438
Colorado 080033
Colorado 080270
Colorado 080271
Colorado 080592
Columbia 072644
Connecticut 076645
Costa Rica 076668
Costa Rica 076773
Costa Rica 079354
Costa Rica 080390
Costa rica 080392
Cuba 072667
Cuba 074493
Cuba 080474
Czechoslovak Repbulic 074358
Czechoslovak Republic 072642
Czechoslovak Republic 072805
Czechoslovak Republic 072867
Czechoslovak Republic 072868
Czechoslovak Republic 072870
Czechoslovak Republic 072927
Czechoslovak Republic 073185
Czechoslovak Republic 073411
Czechoslovak Republic 073412
Czechoslovak Republic 073483
Czechoslovak Republic 073505
Czechoslovak Republic 073519
Czechoslovak Republic 073545
Czechoslovak Republic 073610
Czechoslovak Republic 073969
Czechoslovak Republic 074038
Czechoslovak Republic 074057
Czechoslovak Republic 074059
Czechoslovak Republic 074209
Czechoslovak Republic 074441
Czechoslovak Republic 074451
Czechoslovak Republic 074462
Czechoslovak Republic 074481
Czechoslovak Republic 074521
Czechoslovak Republic 074759
Czechoslovak Republic 075247
Czechoslovak Republic 075328
Czechoslovak Republic 075331
Czechoslovak Republic 075355
Czechoslovak Republic 075399
Czechoslovak Republic 075947
Czechoslovak Republic 075953
Czechoslovak Republic 076225
Czechoslovak Republic 076226
Czechoslovak Republic 076269
Czechoslovak Republic 076271
Czechoslovak Republic 076272
Czechoslovak Republic 076274
Czechoslovak Republic 076275
Czechoslovak Republic 076277
Czechoslovak Republic 076278
Czechoslovak Republic 076280
Czechoslovak Republic 076281
Czechoslovak Republic 076282
Czechoslovak Republic 076372
Czechoslovak Republic 076373
Czechoslovak Republic 076377
Czechoslovak Republic 076439
Czechoslovak Republic 076440
Czechoslovak Republic 076443
Czechoslovak Republic 076490
Czechoslovak Republic 076491
Czechoslovak Republic 076492
Czechoslovak Republic 076493
Czechoslovak Republic 076591
Czechoslovak Republic 076592
Czechoslovak Republic 076618
Czechoslovak Republic 076640
Czechoslovak Republic 076641
Czechoslovak Republic 076642
Czechoslovak Republic 076670
Czechoslovak Republic 076753
Czechoslovak Republic 076754
Czechoslovak Republic 076756
Czechoslovak Republic 076757
Czechoslovak Republic 076760
Czechoslovak Republic 076761
Czechoslovak Republic 076821
Czechoslovak Republic 076834
Czechoslovak Republic 076852
Czechoslovak Republic 076869
Czechoslovak Republic 077117
Czechoslovak Republic 077125
Czechoslovak Republic 077170
Czechoslovak Republic 077243
Czechoslovak Republic 077594
Czechoslovak Republic 077629
Czechoslovak Republic 078244
Czechoslovak Republic 078283
Czechoslovak Republic 078284
Czechoslovak Republic 078286
Czechoslovak Republic 078386
Czechoslovak Republic 078497
Czechoslovak Republic 078525
Czechoslovak Republic 078547
Czechoslovak Republic 078554
Czechoslovak Republic 078573
Czechoslovak Republic 078873
Czechoslovak Republic 078874
Czechoslovak Republic 079060
Czechoslovak Republic 079070
Czechoslovak Republic 079079
Czechoslovak Republic 079093
Czechoslovak Republic 079228
Czechoslovak Republic 079394
Czechoslovak Republic 079400
Czechoslovak Republic 079844
Czechoslovak Republic 080219
Czechoslovak Republic 080479
Czechoslovak Republic 080511
Czechoslovak Republic 080512
Czechoslovak Republic 080608
Czechoslovak Republic 080637
Czechoslovak Republic 080736
Czechoslovak Republic 080753
Czechoslovak Republic 080762
Czechoslovak Republic 080815
Czechoslovak Republic 080888
Czechoslovak Republic 081056
Czechoslovak Republic 081200
Czechoslovak Republic 081578
Czechoslovak Republic 081591
CzechoslovakRepublic 075447
Czechoslvak Republic 073308
Czechsolovak Republic 076268
Delaware 081430
Denmark 072751
Denmark 073175
Denmark 073276
Denmark 073277
Denmark 073314
Denmark 073318
Denmark 073353
Denmark 073354
Denmark 073355
Denmark 074381
Denmark 074382
Denmark 075201
Denmark 075203
Denmark 075204
Denmark 075207
Denmark 075467
Denmark 075468
Denmark 076599
Denmark 078952
Denmark 079295
Denmark 080491
Denmark 080550
Denmark 080551
Denmark 080746
Denmark 081798
Ecuador 073130
Ecuador 076740
Eduador 072780
Eduador 072985
Ethiopia 076163
Fiji 076548
Finland 072746
Finland 072894
Finland 073649
Finland 075290
Finland 075612
Finland 076298
Finland 076549
Finland 078757
Finland 079947
Finland 079948
Finland 079949
Finland 081820
Finland 081832
Florida 073205
Florida 076818
Florida 078591
Florida 079197
Florida 079271
Florida 079319
Florida 079390
Florida 080026
Florida 080034
Florida 080422
France 072638
France 072639
France 072640
France 072665
France 072732
France 072762
France 072784
France 072851
France 072862
France 072919
France 072930
France 073053
France 073194
France 073231
France 073232
France 073234
France 073297
France 073409
France 073424
France 073425
France 073455
France 073498
France 073504
France 073522
France 074041
France 074437
France 074444
France 075197
France 075213
France 075214
France 075446
France 075824
France 075825
France 076131
France 076778
France 076809
France 076873
France 076990
France 078307
France 078469
France 078618
France 078633
France 078814
France 078910
France 078912
France 079225
France 079256
France 079265
France 079445
France 079624
France 079766
France 079796
France 079797
France 079912
France 080064
France 080138
France 080181
France 080183
France 080190
France 080435
France 080437
France 080438
France 080610
France 080641
France 080642
France 080651
France 080852
France 080860
France 080862
France 081050
France 081242
France 081595
France 081808
France 081837
France 081860
Georgia 072852
Georgia 073328
Georgia 076022
Georgia 076331
Georgia 080556
Georgia 081525
Germany ($democratic Republic) 074269
Germany (Decocratic Republic) 073465
Germany (Democratic Rebublic) 076392
Germany (Democratic Republic) 072789
Germany (Democratic Republic) 072808
Germany (Democratic Republic) 072809
Germany (Democratic Republic) 072846
Germany (Democratic Republic) 072864
Germany (Democratic Republic) 072875
Germany (Democratic Republic) 072876
Germany (Democratic Republic) 072880
Germany (Democratic Republic) 072885
Germany (Democratic Republic) 072886
Germany (Democratic Republic) 072887
Germany (Democratic Republic) 072888
Germany (Democratic Republic) 072889
Germany (Democratic Republic) 072890
Germany (Democratic Republic) 072931
Germany (Democratic Republic) 073206
Germany (Democratic Republic) 073207
Germany (Democratic Republic) 073208
Germany (Democratic Republic) 073209
Germany (Democratic Republic) 073226
Germany (Democratic Republic) 073235
Germany (Democratic Republic) 073262
Germany (Democratic Republic) 073263
Germany (Democratic Republic) 073273
Germany (Democratic Republic) 073274
germany (Democratic Republic) 073421
Germany (Democratic Republic) 073440
Germany (Democratic Republic) 073441
Germany (Democratic Republic) 073450
Germany (Democratic Republic) 073531
Germany (Democratic Republic) 073532
Germany (Democratic Republic) 073601
Germany (Democratic Republic) 073603
Germany (Democratic Republic) 073604
Germany (Democratic Republic) 073605
Germany (Democratic Republic) 073685
Germany (Democratic Republic) 073979
Germany (Democratic Republic) 074000
Germany (Democratic Republic) 074003
Germany (Democratic Republic) 074049
Germany (Democratic Republic) 074291
Germany (Democratic Republic) 074331
Germany (Democratic Republic) 074332
Germany (Democratic Republic) 074458
Germany (Democratic Republic) 074461
Germany (Democratic Republic) 074463
Germany (Democratic Republic) 074465
Germany (Democratic Republic) 074466
Germany (Democratic Republic) 075186
Germany (Democratic Republic) 075188
Germany (Democratic Republic) 075359
Germany (Democratic Republic) 075360
Germany (Democratic Republic) 075361
Germany (Democratic Republic) 075362
Germany (Democratic Republic) 075363
Germany (Democratic Republic) 075365
Germany (Democratic Republic) 075366
Germany (Democratic Republic) 075367
Germany (Democratic Republic) 075369
Germany (Democratic Republic) 075375
Germany (Democratic Republic) 075378
Germany (Democratic Republic) 075488
Germany (Democratic Republic) 075494
Germany (Democratic Republic) 075495
Germany (Democratic Republic) 075496
Germany (Democratic Republic) 075531
Germany (Democratic Republic) 076182
Germany (Democratic Republic) 076211
Germany (Democratic Republic) 076300
Germany (Democratic Republic) 076301
Germany (Democratic Republic) 076303
Germany (Democratic Republic) 076304
Germany (Democratic Republic) 076311
Germany (Democratic Republic) 076312
Germany (Democratic Republic) 076313
Germany (Democratic Republic) 076819
Germany (Democratic Republic) 076820
Germany (Democratic Republic) 077118
Germany (Democratic Republic) 078294
Germany (Democratic Republic) 078316
Germany (Democratic Republic) 078317
Germany (Democratic Republic) 078318
Germany (Democratic Republic) 078670
Germany (Democratic Republic) 078695
Germany (Democratic Republic) 078700
Germany (Democratic Republic) 078701
Germany (Democratic Republic) 078702
Germany (Democratic Republic) 078703
Germany (Democratic Republic) 079165
Germany (Democratic Republic) 079289
Germany (Democratic Republic) 079291
Germany (Democratic Republic) 079459
Germany (Democratic Republic) 079630
Germany (Democratic Republic) 080449

Germany (Democratic Republic) 080687
Germany (Democratic Republic) 080714
Germany (Democratic Republic) 080818
Germany (Democratic Republic) 080900
Germany (Democratic Republic) 081280
Germany (Democratic Republic) 081332
Germany (Democratic Republic) 081333
Germany (Democratic Republic) 081350
Germany (Democratic Republic) 081536
Germany (Federal Repbulic) 072996
Germany (Federal Republic) 072626
Germany (Federal Republic) 072629
Germany (Federal Republic) 072630
Germany (Federal Republic) 072631
Germany (Federal Republic) 072632
Germany (Federal Republic) 072633
Germany (Federal Republic) 072656
Germany (Federal Republic) 072657
Germany (Federal republic) 072682
Germany (Federal Republic) 072726
Germany (Federal Republic) 072727
Germany (Federal Republic) 072728
Germany (Federal Republic) 072747
Germany (Federal Republic) 072785
Germany (Federal Republic) 072792
Germany (Federal Republic) 072906
Germany (Federal Republic) 072934
Germany (Federal Republic) 072935
Germany (Federal Republic) 072999
Germany (Federal Republic) 073000
Germany (Federal Republic) 073001
Germany (Federal Republic) 073063
Germany (Federal Republic) 073148
Germany (Federal Republic) 073151
Germany (Federal Republic) 073178
Germany (Federal Republic) 073179
Germany (Federal Republic) 073180
Germany (Federal Republic) 073191
Germany (Federal Republic) 073195
Germany (Federal Republic) 073196
Germany (Federal Republic) 073252
Germany (Federal Republic) 073264
Germany (Federal Republic) 073267
Germany (Federal Republic) 073268
Germany (Federal Republic) 073269
Germany (Federal Republic) 073270
Germany (Federal Republic) 073282
Germany (Federal Republic) 073283
Germany (Federal Republic) 073316
Germany (Federal Republic) 073317
Germany (Federal Republic) 073333
Germany (Federal Republic) 073349
Germany (Federal Republic) 073392
Germany (Federal Republic) 073393
Germany (Federal Republic) 073398
Germany (Federal Republic) 073415
Germany (Federal Republic) 073416
Germany (Federal Republic) 073428
Germany (Federal Republic) 073432
Germany (Federal Republic) 073475
Germany (Federal Republic) 073477
Germany (Federal Republic) 073481
Germany (Federal Republic) 073486
Germany (Federal Republic) 073487
Germany (Federal Republic) 073488
Germany (Federal Republic) 073511
Germany (Federal Republic) 073536
Germany (Federal Republic) 073537
Germany (Federal Republic) 073653
Germany (Federal Republic) 073674
Germany (Federal Republic) 073829
Germany (Federal Republic) 074013
Germany (Federal Republic) 074018
Germany (Federal Republic) 074112
Germany (Federal Republic) 074120
Germany (Federal Republic) 074125
Germany (Federal Republic) 074274
Germany (Federal Republic) 074350
Germany (Federal Republic) 074362
Germany (Federal Republic) 074464
Germany (Federal Republic) 075014
Germany (Federal Republic) 075296
Germany (Federal Republic) 075379
Germany (Federal Republic) 075380
Germany (Federal Republic) 075381
Germany (Federal Republic) 075470
Germany (Federal Republic) 075472
Germany (Federal Republic) 075493
Germany (Federal Republic) 075529
Germany (Federal Republic) 075737
Germany (Federal Republic) 075868
Germany (Federal Republic) 076068
Germany (Federal Republic) 076181
Germany (Federal Republic) 076190
Germany (Federal Republic) 076191
Germany (Federal Republic) 076192
Germany (Federal Republic) 076193
Germany (Federal Republic) 076194
Germany (Federal Republic) 076242
Germany (Federal Republic) 076253
Germany (Federal Republic) 076255
Germany (Federal Republic) 076257
Germany (Federal Republic) 076258
Germany (Federal Republic) 076259
Germany (Federal Republic) 076359
Germany (Federal Republic) 076360
Germany (Federal Republic) 076361
Germany (Federal Republic) 076363
Germany (Federal Republic) 076433
Germany (Federal Republic) 076453
Germany (Federal Republic) 076457
Germany (Federal Republic) 076458
Germany (Federal Republic) 076463
Germany (Federal Republic) 076497
Germany (Federal Republic) 076826
Germany (Federal Republic) 076827
Germany (Federal Republic) 076861
Germany (Federal Republic) 076877
Germany (Federal Republic) 078197
Germany (Federal Republic) 078276
Germany (Federal Republic) 078277
Germany (Federal Republic) 078338
Germany (Federal Republic) 078430
Germany (federal Republic) 078574
Germany (Federal Republic) 078834
Germany (Federal Republic) 078843
Germany (Federal Republic) 078968
Germany (Federal Republic) 078970
Germany (Federal Republic) 079039
Germany (Federal Republic) 079189
Germany (Federal Republic) 079293
Germany (Federal Republic) 079402
Germany (Federal Republic) 079515
Germany (Federal Republic) 080447
Germany (Federal Republic) 080539
Germany (Federal Republic) 080557
Germany (Federal Republic) 080886
Germany (Federal Republic) 080907
Germany (Federal Republic) 080930
Germany (Federal Republic) 081318
Germany (Federal Republic) 081361
Germany (Federal Republic) 081588
Germany (Federal Republic) 081795
Germany (Federal Republic) 081817
Germany (Federal Republic] 073064
Germany (Federal Republic] 073177
Ghana 073849
Ghana 078339
Ghana 078979
Ghana 079150
Ghana 079169
Ghana 080612
Ghana 081072
Ghana 081365
Great Britain 072623
Great Britain 072723
Great Britain 072724
Great Britain 072733
Great Britain 072807
Great Britain 073010
Great Britain 073034
Great Britain 073073
Great Britain 073200
Great Britain 073239
Great Britain 073261
Great Britain 073389
Great Britain 073682
Great Britain 073817
Great Britain 073913
Great Britain 073970
Great Britain 074477
Great Britain 074478
Great Britain 074479
Great Britain 075395
Great Britain 075456
Great Britain 075457
Great Britain 075570
Great Britain 076097
Great Britain 076452
Great Britain 076579
Great Britain 076695
Great Britain 078428
Great Britain 078585
Great Britain 078631
Great Britain 078660
Great Britain 078663
Great Britain 078665
Great Britain 078840
Great Britain 079685
Great Britain 079927
Great Britain 080300
Great Britain 080620
Great Britain 081231
Great Britain 081232
Great britian 080534
Greece 073225
Greece 073451
Greece 079764
Greece 079813
Greece 080179
Greece 080542
Greece 080638
Greece 080639
Guatemala 072694
Guatemala 078645
Guyana 076445
Hawaii 073188
Hawaii 078293
Hawaii 078683
Hawaii 079469
Hawaii 081739
Hungary 072786
Hungary 072874
Hungary 072879
Hungary 073460
Hungary 073464
Hungary 074408
Hungary 074469
Hungary 075377
Hungary 076309
Hungary 076448
Hungary 077116
Hungary 077121
Hungary 077126
Hungary 079868
Hungary 079872
Hungary 080597
Hungary 080598
Hungary 080599
Hungary 080602
Hungary 080616
Hungary 080617
Hungary 081388
Iceland 079087
Iceland 080189
Iceland 080489
Idaho 078356
Idaho 081883
Illinois 072754
Illinois 073051
Illinois 073246
Illinois 073452
Illinois 079609
Illinois 081370
Illinois 081800
India 072653
India 072719
India 072796
India 072895
India 072988
India 072989
India 072990
India 073032
India 073244
India 073298
India 073400
India 073506
India 073538
India 073539
India 073540
India 073714
India 073756
India 074158
India 075679
India 075853
India 076646
India 076647
India 076649
India 076687
India 076688
India 076689
India 076705
India 076706
India 076708
India 076709
India 076710
India 076718
India 076719
India 076811
India 076850
India 077009
India 077255
India 077940
India 077980
India 078046
India 078047
India 078216
India 078237
India 078272
India 078361
India 078362
India 078363
India 078364
India 078365
India 078367
India 078368
India 078419
India 078437
India 078475
India 078590
India 078595
India 078597
India 078598
India 078599
India 078600
India 078601
India 078607
India 078609
India 078611
India 078634
India 078879
India 078880
India 078901
India 079020
India 079028
India 079029
India 079182
India 079219
India 079349
India 079350
India 079679
India 079724
India 079860
India 080121
India 080634
India 080763
India 081044
India 081074
India 081076
India 081086
India 081091
India 081095
India 081099
India 081137
India 081138
India 081139
India 081140
India 081141
India 081142
India 081147
India 081207
India 081223
India 081277
India 081351
India 081352
India 081353
India 081380
India 081382
India 081384
India 081416
India 081439
India 081593
India 081605
India 081623
India 081624
India 081625
India 081626

India 081627
India 081628
India 081630
India 081631
India 081633
India 081635
India 081636
India 081638
India 081639
India 081644
India 081648
India 081649
India 081650
India 081651
India 081654
India 081655
India 081657
India 081667
India 081671
India 081686
India 081701
Indiana 078358
Indiana 078730
Iowa 076585
Iowa 078733
Iran 072767
Iran 073683
Iran 075847
Iran 076064
Iran 076659
Iran 076758
Iran 077259
Iran 079690
Israel 072669
Israel 072670
Israel 072671
Israel 073471
Israel 073870
Israel 075506
Israel 076370
Israel 076663
Israel 076837
Israel 078953
Israel 080575
Israel 080893
Israel 081615
Israel 081796
Italy 072672
Italy 072673
Italy 072674
Italy 072696
Italy 072709
Italy 072766
Italy 072769
Italy 072844
Italy 072883
Italy 073071
Italy 073081
Italy 073082
Italy 073087
Italy 073088
Italy 073089
Italy 073090
Italy 073091
Italy 073092
Italy 073093
Italy 073233
Italy 073313
Italy 073438
Italy 073439
Italy 073520
Italy 073521
Italy 073525
Italy 073527
Italy 073528
Italy 073544
Italy 073562
Italy 073692
Italy 073784
Italy 074218
Italy 074228
Italy 074305
Italy 074394
Italy 074395
Italy 074396
Italy 074398
Italy 074411
Italy 074456
Italy 074505
Italy 075097
Italy 075176
Italy 075199
Italy 075499
Italy 075558
Italy 075581
Italy 075583
Italy 075672
Italy 075686
Italy 075881
Italy 076175
Italy 076266
Italy 076267
Italy 076353
Italy 076387
Italy 076690
Italy 076840
Italy 077593
Italy 078207
Italy 078387
Italy 078388
Italy 078389
Italy 078494
Italy 078536
Italy 078537
Italy 078538
Italy 078613
Italy 078690
Italy 078735
Italy 078736
Italy 078737
Italy 078822
Italy 078833
Italy 078989
Italy 079013
Italy 079086
Italy 079333
Italy 079435
Italy 079510
Italy 079511
Italy 079512
Italy 079558
Italy 079656
Italy 079823
Ivory Coast 080112
Ivory Coast 080524
Ivory Coast 080777
Ivory Coast 080785
Ivory Coast 080786
Ivory Coast 080972
Ivory Coast 080973
Ivory Coast 080975
Ivory Coast 080976
Ivory Coast 080977
Jamaica 080978
Jamaica 080979
Japan 080980
Japan 080981
Japan 080982
Japan 081002
Japan 081003
Japan 081106
Japan 081389
Japan 081683
Japan 081764
Japan 081835
Japan 081850
Jordan 076862
Kansas 077317
Kenya 078686
Korea 080228
Korea 080229
Libyan Arab Republuc 073245
Louisana 076584
Louisiana 072660
Louisiana 072752
Louisiana 072753
Maine 072857
Maine 073044
Maine 073229
Maine 073242
Malagasy Republic 073296
Malagasy Republic 073363
Malagasy Republic 073364
Malagasy Republic 073490
Malaya 073551
Malaysia 075297
Malaysia 075430
Maryland 076339
Maryland 076697
Massachusetts 076851
Massachusetts 078655
Mauritius 079273
Mauritius 079894
Mensuration 080513
Mexico 080579
Mexico 080580
Michigan 080677
Michigan 080808
Michigan 080809
Michigan 081116
Michigan 081117
Michigan 081118
Michigan 081122
Michigan 081123
Michigan 081144
Michigan 081164
Michigan 081165
Michigan 081167
Michigan 081783
Mississippi 072718
Missouri 079314
Missouri 075657
Monoglian People's Republic 079157
Montana 080465
Montana 080596
Montana 080611
Montana 076751
Montana 072760
Montana 072759
Montana 073266
Montana 073735
Montana 077237
Montana 081128
Morocco 076283
Mozambique 076284
Mozambique 076285
Mozambique 079901
Nebraska 072708
Nebraska 072781
Nebraska 072863
Nebraska 076601
Nebraska 076602
Nebraska 076604
Nebraska 077476
Nepal 077530
Netherlands 076874
Netherlands 073560
Netherlands 073741
Netherlands 076675
Netherlands 076676
Netherlands 076679
Netherlands 076682
Netherlands 077071
Netherlands 081776
Nevada 078759
Nevada 079304
New Hampshire 079335
New Hampshire 079336
New Jersey 081509
New Mexico 081705
New York 075742
New York 078625
Nigeria 081723
Norway 073502
Norway 076772
Norway 079138
Norway 076295
Ohio 078255
Ohio 078256
Ohio 078257
Ohio 078652
Oklahoma 079227
Oklahoma 079680
Oklahoma 079681
Oklahoma 079945
Oregon 079969
Oregon 080161
Oregon 080633
Pakistan 072681
Panama 073279
Pennsylvania 073484
Peru 073485
Peru 076586
Peru 076854
Philippine Islands 079733
Philippine Islands 080561
Philippine Islands 080562
Poland 081433
Poland 073779
Poland 078425
Poland 078426
Poland 078522
Poland 080659
Poland 081822
Poland 072905
Poland 076288
Poland 079709
Poland 072683
Poland 072684
Poland 076332
Poland 081393
Poland 081547
Monoglian People's Republic 072668
Monoglian People's Republic 072706
Monoglian People's Republic 072869
Monoglian People's Republic 072872
Monoglian People's Republic 073469
Monoglian People's Republic 076316
Monoglian People's Republic 079302
Monoglian People's Republic 080487
Monoglian People's Republic 080613
Monoglian People's Republic 081186
Monoglian People's Republic 073462
Montana 075078
Montana 075079
Montana 076287
Montana 079887
Montana 080240
Montana 080595
Montana 081789
Morocco 080546
Mozambique 072654
Mozambique 075693
Mozambique 076607
Mozambique 077015
Mozambique 079992
Mozambique 080879
Mozambique 081014
Nebraska 073500
Nebraska 075508
Nebraska 076345
Nebraska 078441
Nebraska 078476
Nebraska 081203
Nepal 080496
Nepal 080525
Nepal 080635
Netherlands 072679
Netherlands 072680
Netherlands 072720
Netherlands 072721
Netherlands 072997
Netherlands 072998
Netherlands 073167
Netherlands 073171
Netherlands 073172
Netherlands 073287
Netherlands 073401
Netherlands 073402
Netherlands 073404
Netherlands 073405
Netherlands 073480
Netherlands 073789
Netherlands 073790
Netherlands 074087
Netherlands 074258
Netherlands 074293
Netherlands 074420
Netherlands 075915
Netherlands 076202
Netherlands 076203
Netherlands 076499
Netherlands 076500
Netherlands 076582
Netherlands 076683
Netherlands 076835
Netherlands 076858
Netherlands 078636
Netherlands 078951
Netherlands 078981
Netherlands 080514
Netherlands 080515
Netherlands 080516
Netherlands 080519
Netherlands 080522
Netherlands 080523
Netherlands 080527
Netherlands 080529
Netherlands 080574
Netherlands 080948
Netherlands 081552
Netherlands 081610
Netherlands 081704
Netherlands 081782
Nethrlands 073173
Nevada 076744
Nevada 081672
Nevada 081753
New Hampshire 073897
New Hampshire 076581
New Hampshire 079270
New Hampshire 079891
New Hampshire 081440
New Hampshire 081864
New Mecixo 081149
New Mexico 072968
New Mexico 073550
New Mexico 076233
New Mexico 078393
New Mexico 081869
New York 072779
New York 072980
New York 072981
New York 072982
New York 072983
New York 072984
New York 073961
New York 076613
New York 078765
New York 079835
New York 079846
New York 079847
New York 079848
New Zealand 072800
New Zealand 072937
New Zealand 073319
New Zealand 073742
New Zealand 075524
New Zealand 075530
New Zealand 080578
New Zealand 081151
New Zealand 081327
New Zealand 081530
Nigeria 075342
Nigeria 075343
Nigeria 075344
Nigeria 077049
Nigeria 078265
Nigeria 078266
Nigeria 080570
Nigeria 081229
North Carolina 076667
North Carolina 080070
North Carolina 080233
North Carolina 081069
North Dakota 074802
North Dakota 081594
Northern Ireland 072843
Norway 072854
Norway 072926
Norway 073237
Norway 073238
Norway 073288
Norway 073302
Norway 073442
Norway 073443
Norway 073491
Norway 073493
Norway 073509
Norway 073510
Norway 074037
Norway 076205
Norway 076210
Norway 076290
Norway 076291
Norway 076325
Norway 076496
Norway 076504
Norway 076543
Norway 076577
Norway 076590
Norway 076620
Norway 076621
Norway 076622
Norway 076623
Norway 076624
Norway 076737
Norway 077509
Norway 079292
Norway 079296
Norway 080025
Norway 080117
Norway 080492
Norway 080493
Norway 080494
Norway 081156
Norway 081422
Norway 081799
Norway 081830
Ohio 079904
Ohio 081836
Oklahoma 073299
Oklahoma 079065
Oklahoma 079707
Oklahoma 081209
Oregon 072675
Oregon 074430
Oregon 074431
Oregon 074432
Oregon 075306
Oregon 075791
Oregon 076292
Oregon 078457
Oregon 079528
Oregon 079529
Oregon 079530
Oregon 080001
Oregon 080008
Pakistan 073223
Panama 080594
Pennsylvania 081463
Peru 076249
Peru 076767
Peru 078503
Peru 080629
Philippine Islands 072993
Philippine Islands 073350
Philippine Islands 075519
Philippine Islands 076677
Philippine Islands 076678
Philippine Islands 078594
Poland 072882
Poland 073054

Poland	073068	Poland	081589	South Dakota	073371	Sweden	073311	United States	073066
Poland	073074	Portugal	077072	South Dakota	081664	Sweden	073360	United States	073094
Poland	073320	Puerto Rico	072918	South Dakota	081707	Sweden	073474	United States	073132
Poland	073446	Puerto Rico	073292	Spain	072635	Sweden	074417	United States	073158
Poland	073468	Puerto Rico	073293	Spain	073153	Sweden	074454	United States	073216
Poland	073499	Puerto Rico	081073	Spain	073154	Sweden	075007	United States	073217
Poland	074197	Romania	072659	Spain	073155	Sweden	075518	United States	073218
Poland	074198	Romania	072691	Spain	073156	Sweden	076261	United States	073219
Poland	074199	Romania	072920	Spain	073157	Sweden	076319	United States	073221
Poland	074200	Romania	075385	Spain	073160	Sweden	076357	United States	073224
Poland	074443	Romania	075511	Spain	073161	Sweden	076400	United States	073227
Poland	074712	Romania	075758	Spain	073163	Sweden	076789	United States	073243
Poland	074946	Romania	076435	Spain	073164	Sweden	076790	United States	073248
Poland	075284	Romania	076787	Spain	073165	Sweden	076791	United States	073249
Poland	075285	Romania	077892	Spain	073166	Sweden	076792	United States	073280
Poland	075310	Romania	078188	Spain	073534	Sweden	076793	United States	073304
Poland	075314	Romania	078464	Spain	074251	Sweden	076794	United States	073307
Poland	075492	Romania	078467	Spain	076487	Sweden	076795	United States	073321
Poland	075745	Romania	078468	Spain	076701	Sweden	076872	United States	073322
Poland	075747	Romania	078577	Spain	076808	Sweden	078267	United States	073323
Poland	075749	Romania	078786	Spain	076822	Sweden	078352	United States	073324
Poland	075753	Romania	079374	Spain	076823	Sweden	078420	United States	073325
Poland	075757	Romania	079375	Spain	076824	Sweden	078528	United States	073326
Poland	075974	Romania	079376	Spain	077529	Sweden	079506	United States	073329
Poland	075975	Romania	079377	Spain	077990	Sweden	080255	United States	073338
Poland	075976	Romania	079378	Spain	078178	Sweden	080549	United States	073341
Poland	075977	Romania	079398	Spain	078181	Sweden	081040	United States	073361
Poland	075978	Romania	079542	Spain	078615	Sweden	081831	United States	073362
Poland	075979	Romania	079738	Spain	078616	Switzerland	072658	United States	073372
Poland	075980	Romania	080432	Spain	078617	Switzerland	073303	United States	073373
Poland	076196	Romania	080477	Spain	078639	Switzerland	074348	United States	073374
Poland	076207	Romania	080943	Spain	078838	Switzerland	076057	United States	073375
Poland	076213	Romania	081233	Spain	078842	Switzerland	076197	United States	073376
Poland	076214	Romania	081235	Spain	078921	Switzerland	077265	United States	073377
Poland	076323	Romania	081236	Spain	078922	Switzerland	077595	United States	073378
Poland	076391	Romania	081237	Spain	078923	Switzerland	078348	United States	073396
Poland	076401	Romania	081238	Spain	078924	Switzerland	078350	United States	073417
Poland	076417	Romania	081473	Spain	078925	Switzerland	078797	United States	073426
Poland	076518	Romania	081474	Spain	078926	Switzerland	078819	United States	073430
Poland	076557	Romania	081621	Spain	078927	Switzerland	078821	United States	073431
Poland	076568	Romania	081690	Spain	078928	Switzerland	080076	United States	073454
Poland	076644	Sapin	077029	Spain	078929	Switzerland	081797	United States	073459
Poland	076812	Scotland	075909	Spain	078930	Syria	072734	United States	073478
Poland	076832	Scotland	075911	Spain	078949	Syria	078955	United States	073479
Poland	076855	Scotland	076208	Spain	078950	Taiwan	072707	United States	073512
Poland	076856	Scotland	076399	Spain	079152	Taiwan	072795	United States	073529
Poland	076936	Scotland	077428	Spain	079250	Taiwan	073069	United States	073535
Poland	077096	Scotland	078904	Spain	079408	Taiwan	074299	United States	073548
Poland	077120	Scotland	079121	Spain	079428	Taiwan	076520	United States	073553
Poland	077149	Seitzerland	076273	Spain	079689	Tanzania	073449	United States	073554
Poland	077798	Senegal	076605	Spain	079691	Tanzania	075595	United States	073555
Poland	078063	Senegal	078292	Spain	079692	Tanzania	079995	United States	073556
Poland	078250	Senegal	080566	Spain	079767	Tanzania	080004	United States	073557
Poland	078383	Sierra Leone	076402	Spain	079768	Tennessee	073312	United States	073559
Poland	078385	Sierra Leone	081364	Spain	079769	Tennessee	073523	United States	073687
Poland	078448	Singapore	078870	Spain	079770	Tennessee	073524	United States	073688
Poland	078462	Singapore	081071	Spain	079771	Tennessee	076215	United States	073734
Poland	078780	South Africa	072678	Spain	079772	Tennessee	078830	United States	073785
Poland	078782	South Africa	073347	Spain	079773	Tennessee	081700	United States	073948
Poland	079101	South Africa	073370	Spain	079774	Texas	073356	United States	074138
Poland	079102	South Africa	073507	Spain	079775	Texas	078835	United States	074297
Poland	079172	South Africa	073884	Spain	079776	Texas	079561	United States	074413
Poland	079222	South Africa	074999	Spain	079777	Texas	079562	United States	075384
Poland	079361	South Africa	075003	Spain	079778	Texas	079563	United States	075659
Poland	079678	South Africa	075005	Spain	079779	Texas	079564	United States	076286
Poland	079865	South Africa	075780	Spain	079780	Texas	079565	United States	076349
Poland	079866	South Africa	075784	Spain	079781	Texas	079566	United States	076409
Poland	079878	South Africa	076771	Spain	079782	Texas	079567	United States	076410
Poland	079908	South Africa	077812	Spain	079783	Texas	079568	United States	076411
Poland	079917	South Africa	079007	Spain	079784	Texas	079569	United States	076412
Poland	080399	South Africa	079131	Spain	079785	Texas	079570	United States	076413
Poland	080466	South Africa	079132	Spain	079786	Texas	079571	United States	076414
Poland	080468	South Africa	079330	Spain	079787	Texas	079745	United States	076415
Poland	080473	South Africa	079502	Spain	079788	Texas	079747	United States	076498
Poland	080475	South Africa	079654	Spain	079789	Texas	079854	United States	076542
Poland	080476	South Africa	079725	Spain	079790	Texas	081523	United States	076553
Poland	080548	South Africa	079726	Spain	079791	Texas	081752	United States	076554
Poland	080552	South Africa	079828	Spain	080061	Thailand	073763	United States	076555
Poland	080553	South Africa	079829	Spain	080263	Thailand	078580	United States	076556
Poland	080554	South Africa	079830	Spain	080645	Thailand	080349	United States	076587
Poland	080555	South Africa	080018	Spain	081224	Thailand	081240	United States	076595
Poland	080590	South Africa	081129	Spain	081687	Thailand	081574	United States	076696
Poland	080600	South Africa	081130	Sudan	077010	Turkey	073348	United States	076745
Poland	080679	South Africa	081132	Sudan	079346	Turkey	076661	United States	076932
Poland	080682	South Africa	081134	Sudan	079918	Turkey	076694	United States	078379
Poland	080683	South Africa	081205	Surinam	080526	Turkey	076776	United States	078523
Poland	080787	South Africa	081206	Surinam	081669	Turkey	077004	United States	078632
Poland	080890	South Africa	081419	Sweden	072710	Turkey	077264	United States	079024
Poland	080938	South Africa	081668	Sweden	072711	Turkey	078871	United States	079315
Poland	081268	South Carolina	073083	Sweden	072787	Turkey	078872	United States	079471
Poland	081415	South Carolina	076346	Sweden	072992	Turkey	079808	United States	079913
Poland	081443	South Carolina	078287	Sweden	073038	Turkey	080567	United States	080538
Poland	081445	South Carolina	078288	Sweden	073040	United Arab Republic	079941	United States	081542
Poland	081447	South Carolina	078289	Sweden	073041	United Arab Republic	080000	United States	081598
Poland	081450	South Carolina	078657	Sweden	073042	United States	072647	United States	081699
Poland	081452	South Carolina	079261	Sweden	073055	United States	072717	United States	081724
Poland	081453	South carolina	081226	Sweden	073061	United States	072776	United States	081727
Poland	081456	South Dakota	072697	Sweden	073062	United States	072793	United States	081733
Poland	081458	South Dakota	072698	Sweden	073201	United States	072910	United States	081734
Poland	081460	South Dakota	072699	Sweden	073271	United States	072936	United States	081737
Poland	081461	South Dakota	073301	Sweden	073272	United States	072939	United States	081756

United States 081845
United States 081876
United States 081880
United States 081881
Upper Volta 078264
Upper Volta 079163
Upper Volta 079696
Uruguay 072703
Uruguay 075515
USSR 072641
USSR 072648
USSR 072649
USSR 072650
USSR 072651
USSR 072652
USSR 072712
USSR 072725
USSR 072735
USSR 072736
USSR 072738
USSR 072740
USSR 072741
USSR 072742
USSR 072743
USSR 072744
USSR 072745
USSR 072756
USSR 072758
USSR 072773
USSR 072812
USSR 072813
USSR 072814
USSR 072815
USSR 072816
USSR 072817
USSR 072818
USSR 072819
USSR 072820
USSR 072821
USSR 072822
USSR 072823
USSR 072824
USSR 072825
USSR 072826
USSR 072827
USSR 072828
USSR 072829
USSR 072830
USSR 072831
USSR 072832
USSR 072834
USSR 072835
USSR 072836
USSR 072837
USSR 072838
USSR 072839
USSR 072840
USSR 072841
USSR 072842
USSR 072861
USSR 072866
USSR 072873
USSR 072913
USSR 072940
USSR 072941
USSR 072942
USSR 072943
USSR 072944
USSR 072945
USSR 072946
USSR 072947
USSR 072948
USSR 072949
USSR 072950
USSR 072951
USSR 072952
USSR 072953
USSR 072954
USSR 072955
USSR 072956
USSR 072957
USSR 072958
USSR 072959
USSR 072960
USSR 072961
USSR 072962
USSR 072963
USSR 072970
USSR 072971
USSR 072972
USSR 072973
USSR 072974
USSR 072975
USSR 072976
USSR 072977
USSR 073011
USSR 073012
USSR 073013
USSR 073014
USSR 073015
USSR 073016
USSR 073017
USSR 073018
USSR 073019
USSR 073020
USSR 073021
USSR 073022
USSR 073023
USSR 073024
USSR 073025
USSR 073026
USSR 073027
USSR 073028
USSR 073029
USSR 073030
USSR 073031
USSR 073056
USSR 073058
USSR 073084
USSR 073085
USSR 073086
USSR 073097
USSR 073098
USSR 073099
USSR 073100
USSR 073101
USSR 073102
USSR 073103
USSR 073104
USSR 073105
USSR 073106
USSR 073107
USSR 073108
USSR 073109
USSR 073110
USSR 073111
USSR 073112
USSR 073113
USSR 073114
USSR 073115
USSR 073116
USSR 073117
USSR 073118
USSR 073119
USSR 073120
USSR 073121
USSR 073122
USSR 073123
USSR 073124
USSR 073125
USSR 073126
USSR 073127
USSR 073128
USSR 073129
USSR 073142
USSR 073143
USSR 073144
USSR 073334
USSR 073335
USSR 073379
USSR 073420
USSR 073422
USSR 073423
USSR 073467
USSR 073542
USSR 073693
USSR 073701
USSR 073915
USSR 074233
USSR 074234
USSR 074379
USSR 074425
USSR 074442
USSR 074472
USSR 074473
USSR 074484
USSR 074489
USSR 074686
USSR 074687
USSR 074688
USSR 074689
USSR 074691
USSR 074692
USSR 074831
USSR 074947
USSR 075159
USSR 075401
USSR 075413
USSR 075425
USSR 075432
USSR 075516
USSR 075572
USSR 075598
USSR 075599
USSR 075606
USSR 075607
USSR 075608
USSR 075685
USSR 075705
USSR 075857
USSR 075874
USSR 075934
USSR 075936
USSR 075938
USSR 075943
USSR 075964
USSR 075970
USSR 076070
USSR 076168
USSR 076198
USSR 076209
USSR 076222
USSR 076302
USSR 076341
USSR 076376
USSR 076512
USSR 076593
USSR 076608
USSR 076609
USSR 076610
USSR 076655
USSR 076693
USSR 076711
USSR 076712
USSR 076713
USSR 076714
USSR 076715
USSR 076716
USSR 076763
USSR 076765
USSR 076769
USSR 076770
USSR 076817
USSR 076829
USSR 076860
USSR 077023
USSR 077115
USSR 077119
USSR 077123
USSR 077173
USSR 077180
USSR 077181
USSR 077191
USSR 077392
USSR 077464
USSR 077465
USSR 077466
USSR 077585
USSR 077636
USSR 077951
USSR 078024
USSR 078087
USSR 078193
USSR 078199
USSR 078219
USSR 078243
USSR 078384
USSR 078486
USSR 078507
USSR 078569
USSR 078581
USSR 078582
USSR 078583
USSR 078584
USSR 078622
USSR 078684
USSR 078698
USSR 078846
USSR 078847
USSR 078878
USSR 078898
USSR 079095
USSR 079229
USSR 079230
USSR 079232
USSR 079234
USSR 079326
USSR 079492
USSR 079493
USSR 079494
USSR 079495
USSR 079553
USSR 080019
USSR 080021
USSR 080043
USSR 080045
USSR 080162
USSR 080164
USSR 080165
USSR 080166
USSR 080167
USSR 080168
USSR 080170
USSR 080171
USSR 080230
USSR 080380
USSR 080383
USSR 080480
USSR 080481
USSR 080482
USSS 080540
Utah 080583
Utah 080584
Utah 080586
Utah 080588
Utah 080589
Venezuela 080619
Venezuela 080653
Venezuela 080654
Venezuela 080655
Venezuela 080656
Venezuela 080794
Viet Nam 080822
Viet Nam 080837
Virginia 080884
Virginia 080964
Virginia 081009
Virginia 081010
Virginia 081011
Virginia 081019
Wales 081020
Washington 081022
West Virginia 081023
West Virginia 081025
Wisconsin 081026
Wisconsin 081027
Wisconsin 081028
Wisconsin 081029
Wisconsin 081030
Wisconsin 081031
Wisconsin 081032
Wisconsin 081033
Wisconsin 081034
Wisconsin 081035
Wyoming 081036
Wyoming 081037
Wyoming 081038
Wyoming 081066
Wyoming 081068
Wyoming 081125
Yugoslavia 081135
Yugoslavia 081136
Yugoslavia 081152
Yugoslavia 081168
Yugoslavia 081169
Yugoslavia 081170
Yugoslavia 081172
Yugoslavia 081174
Yugoslavia 081176
Yugoslavia 081179
Yugoslavia 081180
Yugoslavia 081183
Yugoslavia 081184
Yugoslavia 081243
Yugoslavia 081244
Yugoslavia 081247
Yugoslavia 081249
Yugoslavia 081250
Yugoslavia 081251
Yugoslavia 081252
Yugoslavia 081253
Yugoslavia 081254
Yugoslavia 081255
Yugoslavia 081256
Yugoslavia 081257
Yugoslavia 081258
Yugoslavia 081263
Yugoslavia 081267
Zambia 081286
Mauritius 081290
081294
081295
081298
081299
081304
081305
081310
081404
081407
081408
081517
081526
081559
081560
081561
081567
081568
081579
081580
081581
081582
081584
081585
081596
081616
081689
081712
081716
081801
081802
081867
075402
076684
079994
080038
080142
081866
076749
078895
079146
079357
081015
081016
073494
075352
077379
079255
080209
081778
081779
081780
074412
080745
080796
081569
072761
074375
076328
076333
078200
078249
080560
080650
080657
080693
072969
073141
080035
081570
081757
081760
073691
073900
074122
076317
076318
076393
076394
076619
076908
077477
078067
078739
078741
078744
078748
079322
079323
079325
079488
079864
079911
080144
080208
080497
080499
080604
080896
081666
076438
074201

CORPORATE AUTHOR INDEX

Alabama Agricultural Experiment Station 078623
American Dairy Science Association 073948
American Dairy Science Association 074413
Arizona Agricultural Experiment Station 081603
Arizona Crop and Livestock Reporting Service 073351
Austria Statistisches Zentralamt 073352
Botanical Society of America 076576
California Agricultural Experiment Station, Berkeley 073002
California Agricultural Experiment Station 074629
California Agricultural Experiment Station, Berkeley 076351
California Agricultural Experiment Station, Berkeley 078643
California Agricultural Experiment Station, Berkeley 078934
California Agricultural Experiment Station 080563
California Agricultural Experiment Station, Berkeley 081324
California University, Berkeley Agricultural Extension Service 073184
California University, Berkeley Division of Agricultural Sciences 074629
California University, Berkeley Division of Agricultural Sciences 079819
California University, Berkeley Division of Agricultural Sciences 080563
California University, Berkeley Agricultural Extension Service 080814
Clemson University Extension Service 078287
Clemson University Extension Service 078288
Clemson University Extension Service 078289
Clemson University Extension Service 078657
Clemson University Extension Service 079261
Colorado Agricultural Experiment Station 073990
Colorado Agricultural Experiment Station 073991
Colorado Agricultural Experiment Station 073992
Colorado Agricultural Experiment Station 074386
Colorado Agricultural Experiment Station 074387
Colorado Agricultural Experiment Station 074388
Colorado Agricultural Experiment Station 074587
Colorado Agricultural Experiment Station 074588
Colorado Agricultural Experiment Station 074898
Colorado Agricultural Experiment Station 074899
Colorado Agricultural Experiment Station 074900
Colorado Agricultural Experiment Station 074901
Colorado Agricultural Experiment Station 074902
Colorado Agricultural Experiment Station 074903
Colorado Agricultural Experiment Station 074904
Colorado Agricultural Experiment Station 074905
Colorado Agricultural Experiment Station 074906
Colorado Agricultural Experiment Station 075216
Colorado Agricultural Experiment Station 075217
Colorado Agricultural Experiment Station 075218
Colorado Agricultural Experiment Station 075219
Colorado Agricultural Experiment Station 075220
Colorado Agricultural Experiment Station 075221
Colorado Agricultural Experiment Station 075222
Colorado Agricultural Experiment Station 076118
Colorado Agricultural Experiment Station 077714
Colorado Agricultural Experiment Station 078290
Colorado Agricultural Experiment Station 078291
Colorado Agricultural Experiment Station 078658
Colorado Agricultural Experiment Station 079437
Colorado Agricultural Experiment Station 079438
Colorado Agricultural Experiment Station 081329
Colorado Agricultural Experiment Station 081330
Colorado Agricultural Experiment Station 081331
Colorado Agricultural Experiment Station 081531
Colorado Agricultural Experiment Station 081612
Colorado Agricultural Experiment Station 081784
Dansk pelsdyravlerforening 074381
Economic Commission for Europe Food and Agriculture Organization of the United Nations 076447
Elytrigia Juncea (l) nevski Is A Diploid 077022
Florida Agricultural Experiment Station, Gainesville 073205
Florida Agricultural Experiment Station, Gainesville 073676
Florida Agricultural Experiment Station, Gainesville 078656
Florida Agricultural Experiment Station, Gainesville 079197
Florida Agricultural Experiment Station, Gainesville 079390
Florida Agricultural Experiment Station, Gainesville 081328
Florida University Cooperative Extension Service 078679
Florida University Cooperative Extension Service 079271
Food and Agriculture Organization of the United Nations Committee on Commodity Problems 073197
Food and Agriculture Organization of the United Nations Committee on Commodity Problems 073198
Food and Agriculture Organization of the United Nations Committee on Commodity Problems 073358
Food and Agriculture Organization of the United Nations Committee on Commodity Problems 073359
Food and Agriculture Organization of the United Nations 074108
Food and Agriculture Organization of the United Nations United Nations Development Program 076249
Food and Agriculture Organization of the United Nations United Nations Development Program 076445
Food and Agriculture Organization of the United Nations 076446
Food and Agriculture Organization of the United Nations 076447
Georgia Agricultural Experiment Stations 074931
Georgia Agricultural Experiment Stations 076022
Georgia Agricultural Experiment Stations 078974
Georgia Agricultural Experiment Stations 079283
Georgia Experiment Stations 072852
Georgia Experiment Stations 080556
Georgia University Cooperative Extension Service 079284
Georgia University Cooperative Extension Service 079285
Georgia University Cooperative Extension Service 079710
Georgia University Cooperative Extension Service 079711
Hawaii Agricultural Experiment Station 074277
Hawaii Agricultural Experiment Station 074940
Hawaii Agricultural Experiment Station 080078
Hawaii University College of Tropical Agriculture 073188
Hawaii University College of Tropical Agriculture 078293
Hawaii University Cooperative Extension Service 073043
Hawaii University Cooperative Extension Service 073240
Hawaii University Cooperative Extension Service 073448
Hawaii University Cooperative Extension Service 078727
Hawaii University Cooperative Extension Service 078728
Hawaii University Cooperative Extension Service 079470
Hawaii University Cooperative Extension Service 081367
Hawaii University Cooperative Extension Service 081368
Idaho Agricultural Experiment Station 073243
Idaho Agricultural Experiment Station 078356
Idaho University College of Agriculture 073243
Idaho University College of Agriculture 078356
Idaho University Extension Dept. 079660
Illinois Agricultural Experiment Station 072754
Illinois Agricultural Experiment Station 072755
Illinois Agricultural Experiment Station 073051
Illinois Agricultural Experiment Station 073244

Illinois Agricultural Experiment Station 073245
Illinois Agricultural Experiment Station 073246
Illinois Agricultural Experiment Station 073452
Illinois Agricultural Experiment Station 081370
Illinois Agricultural Experiment Station 081800
Illinois University Cooperative Extension Service 078043
Illinois University Cooperative Extension Service 079299
Illinois University Cooperative Extension Service 079471
Indiana Agricultural Experiment Station 073454
Indiana Agricultural Experiment Station 073856
Indiana Agricultural Experiment Station 076263
Indiana Agricultural Experiment Station 078358
Indiana Agricultural Experiment Station 078359
Indiana Agricultural Experiment Station 078730
Indiana Agricultural Experiment Station 073865
Instituet of Brewing 080948
Instituut voor Tuinbouwtechniek
Iowa State University of Science and Technology, Ames Cooperative Extension Service 078733
Iowa State University of Science and Technology, Ames Cooperative Extension Service 078990
Kentucky Agricultural Experiment Station 081417
Kentucky University Cooperative Extension Service 073478
Maine Life Sciences and Agricultural Experiment Station 079901
Maine Life Sciences and Agricultural Experiment Station 080012
Maryland University Cooperative Extension Service 078759
Maryland University Cooperative Extension Service 079334
Maryland University Cooperative Extension Service 079335
Maryland University Cooperative Extension Service 079336
Massachusetts Agricultural Experiment Station 075742
Massachusetts University 076576
Massachusetts University Cooperative Extension Service 078681
Massachusetts University Cooperative Extension Service 078971
Massachusetts University Cooperative Extension Service 079279
Massachusetts University Cooperative Extension Service 079811
Michigan Agricultural Experiment Station 072681
Michigan Agricultural Experiment Station 073279
Michigan Agricultural Experiment Station 073484
Michigan Agricultural Experiment Station 073485
Michigan Agricultural Experiment Station 076286
Michigan Agricultural Experiment Station 076381
Michigan Agricultural Experiment Station 076586
Michigan Agricultural Experiment Station 078762
Michigan Agricultural Experiment Station 079733
Michigan State University Cooperative Extension Service Dept. of Agricultural Economics 073280
Minnesota Agricultural Experiment Station 076498
Minnesota Agricultural Experiment Station 078425
Minnesota Agricultural Experiment Station 078426
Minnesota Agricultural Experiment Station 081822
Minnesota University Agricultural Extension Service 073651
Minnesota University Agricultural Extension Service 073768
Minnesota University Agricultural Extension Service 073769
Mississippi Agricultural and Forestry Experiment Station 072905
Mississippi Agricultural and Forestry Experiment Station 073285
Mississippi Agricultural and Forestry Experiment Station 076288
Mississippi Agricultural and Forestry Experiment Station 078439
Mississippi Agricultural and Forestry Experiment Station 078440
Mississippi Agricultural and Forestry Experiment Station 079517
Mississippi Agricultural and Forestry Experiment Station 079518
Missouri Agricultural Experiment Station 072683
Missouri Agricultural Experiment Station 072684
Montana Agricultural Experiment Station 073066
Montana Agricultural Experiment Station 075078
Montana Agricultural Experiment Station 075079
Montana Agricultural Experiment Station 080595
Montana Forest and Conservation Experiment Station 076287
Nebraska Agricultural Experiment Station 078441
Nebraska Agricultural Experiment Station 078442
Nebraska University College of Agriculture and Home Economics 073369
Nebraska University College of Agriculture and Home Economics 073500
Nebraska University College of Agriculture and Home Economics 073806
Nebraska University College of Agriculture and Home Economics 075508
Nebraska University College of Agriculture and Home Economics 075821
Nebraska University College of Agriculture and Home Economics 078476
Nebraska University College of Agriculture and Home Economics 078477
Nebraska University College of Agriculture and Home Economics 079063
Nebraska University College of Agriculture and Home Economics 079544
Nebraska University College of Agriculture and Home Economics 079545
Nebraska University College of Agriculture and Home Economics 081203
Nevada University Cooperative Extension Service 078443
Nevada University Cooperative Extension Service 078444
Nevada University Cooperative Extension Service 078445
New Hampshire Agricultural Experiment Station 073897
New Hampshire Agricultural Experiment Station 081440
New Mexico Agricultural Experiment Station 081149
New York (State) Agricultural Experiment Station, Geneva 072907
New York (State) Agricultural Experiment Station, Geneva 072908
New York (State) Agricultural Experiment Station, Geneva 073512
New York (State) Agricultural Experiment Station, Geneva 073961
New York (State) Agricultural Experiment Station, Geneva 078089
New York (State) Agricultural Experiment Station, Geneva 078764
New York (State) Agricultural Experiment Station, Geneva 078765
New York (State) Agricultural Experiment Station, Geneva 079835
New York (State) Agricultural Experiment Station, Geneva 081826
New York (state) Cornell Agricultural Experiment Station, Ithaca 072779
New York (state) Cornell Agricultural Experiment Station, Ithaca 072780
New York (state) Cornell Agricultural Experiment Station, Ithaca 072979
New York (state) Cornell Agricultural Experiment Station, Ithaca 072980
New York (state) Cornell Agricultural Experiment Station, Ithaca 072981
New York (state) Cornell Agricultural Experiment Station, Ithaca 072982
New York (state) Cornell Agricultural Experiment Station, Ithaca 072983
New York (state) Cornell Agricultural Experiment Station, Ithaca 072984
New York (state) Cornell Agricultural Experiment Station, Ithaca 072985
New York (state) Cornell Agricultural Experiment Station, Ithaca 072986
New York (state) Cornell Agricultural Experiment Station, Ithaca 081761
North Carolina Agricultural Experiment Station 080365
North Carolina State University Agricultural Extension Service 080114
North Carolina State University Agricultural Extension Service 080934
North Dakota Crop and Livestock Reporting Service 073367
Ohio State University Cooperative Extension Service 073426
Ohio State University Cooperative Extension Service 074294
Ohio State University Cooperative Extension Service 081836
Oklahoma Agricultural Experiment Station 073299
Oklahoma Agricultural Experiment Station 076142
Oklahoma Agricultural Experiment Station 077160
Oklahoma Agricultural Experiment Station 078487
Oklahoma Agricultural Experiment Station 078488
Oklahoma Agricultural Experiment Station 078489
Oklahoma Agricultural Experiment Station 078490
Oklahoma Agricultural Experiment Station 079065
Oklahoma Agricultural Experiment Station 081209
Oklahoma Agricultural Experiment Station 081479
Oklahoma Agricultural Experiment Station 081480
Oklahoma Agricultural Experiment Station 081481
Oklahoma Agricultural Experiment Station 081482
Oklahoma Agricultural Experiment Station 081483
Oklahoma Agricultural Experiment Station 081484
Oklahoma Agricultural Experiment Station 081485
Oklahoma Agricultural Experiment Station 081486
Oklahoma Agricultural Experiment Station 081487
Oklahoma Agricultural Experiment Station 081564
Oklahoma State University Cooperative Extension Service 074429
Oklahoma State University Cooperative Extension Service 078455
Oklahoma State University Cooperative Extension Service 079362
Oklahoma State University Cooperative Extension Service 079524
Oklahoma State University Cooperative Extension Service 079525
Oklahoma State University Cooperative Extension Service 079526
Oregon Agricultural College Extension Service 079660
Oregon Agricultural College Extension Service 079660
Oregon Agricultural Experiment Station 073496
Oregon Agricultural Experiment Station 074187
Oregon Agricultural Experiment Station 074430
Oregon Agricultural Experiment Station 074431
Oregon Agricultural Experiment Station 074432
Oregon Agricultural Experiment Station 074433
Oregon Agricultural Experiment Station 074434
Oregon Agricultural Experiment Station 075029
Oregon Agricultural Experiment Station 075030
Oregon Agricultural Experiment Station 075304
Oregon Agricultural Experiment Station 075305
Oregon Agricultural Experiment Station 075306
Oregon Agricultural Experiment Station 075307
Oregon Agricultural Experiment Station 075791
Oregon Agricultural Experiment Station 075792
Oregon Agricultural Experiment Station 076043
Oregon Agricultural Experiment Station 076044
Oregon Agricultural Experiment Station 076292
Oregon Agricultural Experiment Station 078457
Oregon Agricultural Experiment Station 078773
Oregon Agricultural Experiment Station 079527
Oregon Agricultural Experiment Station 079839
Oregon State University Cooperative Extension Service 078774
Oregon State University Cooperative Extension Service 079528
Oregon State University Cooperative Extension Service 079529
Oregon State University Cooperative Extension Service 079530
Pennsylvania Agricultural Experiment Station 078502
Puerto Rico Agricultural Experiment Station 072918
Puerto Rico Agricultural Experiment Station 073292
Puerto Rico Agricultural Experiment Station 073293
Romania 079739
South Carolina Agricultural Experiment Station 073083
South Dakota Agricultural Experiment Station 072697
South Dakota Agricultural Experiment Station 072698
South Dakota Agricultural Experiment Station 072699
South Dakota Agricultural Experiment Station 073371
South Dakota Agricultural Experiment Station 073777
South Dakota Agricultural Experiment Station 078500
South Dakota Agricultural Experiment Station 080958

Symposium on Waterlogging: Causes and Measures for its P Revention, New Delhi, 1972 081086
Symposium on Waterlogging: Causes and Measures for its P Revention, New Delhi, 1972 081654
Tennessee Agricultural Experiment Station 073312
Tennessee Agricultural Experiment Station 073524
Tennessee Agricultural Experiment Station 074455
Tennessee Agricultural Experiment Station 075106
Tennessee Agricultural Experiment Station 076542
Tennessee Agricultural Experiment Station 077238
Tennessee Agricultural Experiment Station 078535
Tennessee Agricultural Experiment Station 078830
Tennessee Agricultural Experiment Station 078831
Tennessee Agricultural Experiment Station 078832
Tennessee Agricultural Experiment Station 079085
Tennessee Agricultural Experiment Station 079392
Tennessee Agricultural Experiment Station 079852
Tennessee Agricultural Experiment Station 079853
Tennessee Agricultural Experiment Station 081506
Texas Agricultural Experiment Station 072772
Texas Agricultural Experiment Station 073529
Texas Agricultural Experiment Station 079560

Texas Agricultural Experiment Station 079561
Texas Agricultural Experiment Station 079562
Texas Agricultural Experiment Station 079563
Texas Agricultural Experiment Station 079564
Texas Agricultural Experiment Station 079565
Texas Agricultural Experiment Station 079566
Texas Agricultural Experiment Station 079567
Texas Agricultural Experiment Station 079568
Texas Agricultural Experiment Station 079569
Texas Agricultural Experiment Station 079570
Texas Agricultural Experiment Station 079571
Texas Agricultural Experiment Station 079572
Texas Agricultural Experiment Station 079745
Texas Agricultural Experiment Station 079747
Texas Agricultural Experiment Station 081703
Texas Agricultural Experiment Station 081861
Tobacco and Health Workshop Conference, 3D, Lexington, Ky, 1972 073642
Tobacco and Health Workshop Conference, 4Th, Lexington, Ky 1973 073644
U. S. Soil Conservation Service 072771
U. S. Soil Conservation Service 078522
U. S. Soil Conservation Service 081569
U. S. Soil Conservation Service 081570
U.S. Agricultural Research Service 074082
U.S. Agricultural Research Service 077012
U.S. Agricultural Research Service 078893
U.S. Agricultural Research Service 079118
U.S. Agricultural Research Service 079224
U.S. Agricultural Research Service 079623
U.S. Agricultural Research Service 081765
U.S. Agricultural Research Service 081766
U.S. Dept. of Agriculture 073327
U.S. Dept. of Agriculture 073328
U.S. Dept. of Agriculture 073329
U.S. Dept. of Agriculture 073687
U.S. Dept. of Agriculture 073688
U.S. Dept. of Agriculture 073689
U.S. Dept. of Agriculture 076550
U.S. Dept. of Agriculture 079857
U.S. Dept. of Agriculture 079858
U.S. Dept. of Agriculture 080648
U.S. Dept. of Agriculture 080789
U.S. Dept. of Agriculture 081575
U.S. Dept. of Agriculture 081863
U.S. Dept. of Agriculture Economic Research Service 073094
U.S. Dept. of Agriculture Economic Research Service 073218
U.S. Dept. of Agriculture Economic Research Service 073219
U.S. Dept. of Agriculture Economic Research Service 073220
U.S. Dept. of Agriculture Economic Research Service 073221
U.S. Dept. of Agriculture Economic Research Service 073322
U.S. Dept. of Agriculture Economic Research Service 073323
U.S. Dept. of Agriculture Economic Research Service 073324
U.S. Dept. of Agriculture Economic Research Service 073325
U.S. Dept. of Agriculture Economic Research Service 073326
U.S. Dept. of Agriculture Economic Research Service 073361
U.S. Dept. of Agriculture Economic Research Service 073362
U.S. Dept. of Agriculture Economic Research Service 073372
U.S. Dept. of Agriculture Economic Research Service 073373
U.S. Dept. of Agriculture Economic Research Service 073374
U.S. Dept. of Agriculture Economic Research Service 073376
U.S. Dept. of Agriculture Economic Research Service 073377
U.S. Dept. of Agriculture Economic Research Service 073378
U.S. Dept. of Agriculture Economic Research Service 073535
U.S. Farmer Cooperative Service 072909
U.S. Farmer Cooperative Service 072910
U.S. Farmer Cooperative Service 072911
U.S. Farmer Cooperative Service 072939
U.S. Federal Extension Service 080070
U.S. Food and Nutrition Service 073430
U.S. Food and Nutrition Service 073431
U.S. Food and Nutrition Service 073734
U.S. Food and Nutrition Service 073735
U.S. Foreign Agricultural Service 073216
U.S. Foreign Agricultural Service 073217
U.S. Foreign Agricultural Service 073222
U.S. Foreign Agricultural Service 073223
U.S. Foreign Agricultural Service 073224
U.S. Foreign Agricultural Service 073225
U.S. Foreign Agricultural Service 073226
U.S. Foreign Agricultural Service 073227
U.S. Foreign Agricultural Service 073228
U.S. Foreign Agricultural Service 073229
U.S. Foreign Agricultural Service 073230
U.S. Foreign Agricultural Service 073435
U.S. Foreign Agricultural Service 073436
U.S. Forest Service 076403
U.S. Forest Service 079913
U.S. Forest Service 079914
U.S. North Central Forest Experiment Station 076328
U.S. North Central Forest Experiment Station 076332
U.S. North Central Forest Experiment Station 076333
U.S. North Central Forest Experiment Station 076336
U.S. North Central Forest Experiment Station 076337
U.S. North Central Forest Experiment Station 076338
U.S. North Central Forest Experiment Station 076409
U.S. North Central Forest Experiment Station 076410
U.S. North Central Forest Experiment Station 076411
U.S. North Central Forest Experiment Station 076412
U.S. North Central Forest Experiment Station 076413
U.S. North Central Forest Experiment Station 076414
U.S. North Central Forest Experiment Station 076415
U.S. North Central Forest Experiment Station 076551
U.S. North Central Forest Experiment Station 076552
U.S. North Central Forest Experiment Station 076553
U.S. North Central Forest Experiment Station 076555
U.S. North Central Forest Experiment Station 076556
U.S. Northeastern Forest Experiment Station 081864
U.S. Pacific Southwest Forest and Range Experiment Station 076329
U.S. Rocky Mountain Forest and Range Experiment Station 076407
U.S. Rocky Mountain Forest and Range Experiment Station 081707
U.S. Soil Conservation Service Engineering Division 081576
U.S. Southeastern Forest Experiment Station 076330
U.S. Southeastern Forest Experiment Station 076331
U.S. Southeastern Forest Experiment Station 076404
U.S. Southeastern Forest Experiment Station 076405
U.S. Southeastern Forest Experiment Station 079091
U.S. Southern Forest Experiment Station 076215
U.S. Southern Forest Experiment Station 076334
U.S. Southern Forest Experiment Station 076406
Washington (state) Agricultural Experiment Station 072714
Washington (state) Agricultural Experiment Station 072964
Washington (state) Agricultural Experiment Station 073336
Washington (state) Agricultural Experiment Station 081518
Washington (state) Agricultural Experiment Station 081519
Washington State University Cooperative Extension Service 079859
Washington State University Cooperative Extension Service 080149
Washington State University Cooperative Extension Service 080150
Washington State University Cooperative Extension Service 080691
West Virginia University Cooperative Extension Service 078848
West Virginia University Cooperative Extension Service 078849
West Virginia University Cooperative Extension Service 078850
West Virginia University Cooperative Extension Service 078851
West Virginia University Cooperative Extension Service 078852
West Virginia University Cooperative Extension Service 078853
West Virginia University Cooperative Extension Service 078854
West Virginia University Cooperative Extension Service 078855
West Virginia University Cooperative Extension Service 078856
West Virginia University Cooperative Extension Service 078857
West Virginia University Cooperative Extension Service 078858
West Virginia University Cooperative Extension Service 078859
West Virginia University Cooperative Extension Service 078860
West Virginia University Cooperative Extension Service 078861
West Virginia University Cooperative Extension Service 078862
West Virginia University Cooperative Extension Service 078863
West Virginia University Cooperative Extension Service 078864
West Virginia University Cooperative Extension Service 078865
West Virginia University Cooperative Extension Service 078866
West Virginia University Cooperative Extension Service 079579
West Virginia University Cooperative Extension Service 079580
West Virginia University Cooperative Extension Service 079581
West Virginia University Cooperative Extension Service 079582
West Virginia University Cooperative Extension Service 079583
West Virginia University Cooperative Extension Service 079584
West Virginia University Cooperative Extension Service 079585
West Virginia University Cooperative Extension Service 079586
West Virginia University Cooperative Extension Service 079587
West Virginia University Cooperative Extension Service 079588
West Virginia University Cooperative Extension Service 079589
West Virginia University Cooperative Extension Service 079590
West Virginia University Cooperative Extension Service 080795
West Virginia University Cooperative Extension Service 080796
Wisconsin University Agricultural Extension Service 074375
Wisconsin University Agricultural Extension Service 075578
Wisconsin University Agricultural Extension Service 078249
Wisconsin University Agricultural Extension Service 079214
Wisconsin University Agricultural Extension Service 079215
Wisconsin University Agricultural Extension Service 079216
Wisconsin University Agricultural Extension Service 079920
Wisconsin University Agricultural Extension Service 080657
Wisconsin University Agricultural Extension Service 080693
Wisconsin University Agricultural Extension Service 080694
Wisconsin University Agricultural Extension Service 081274
Wisconsin University College of Agricultural and Life Sciences Research Division 073381
Wisconsin University College of Agricultural and Life Sciences Research Division 075156
Wisconsin University College of Agricultural and Life Sciences Research Division 080650
Wisconsin University College of Agricultural and Life Sciences Research Division 081524
Wisconsin University Cooperative Extension Programs 073588
Wyoming Agricultural Experiment Station 072969
Wyoming Agricultural Experiment Station 073141
Wyoming Agricultural Experiment Station 081760

PERSONAL AUTHOR INDEX

Aalfs, R H G 074798
Aalto, O 075290
Aase, J K 077644
Aase, J K 077653
Aase, J K 077777
Abadia, A 077914
Abadia, A 078181
Abadia, D 075216
Abakarov, D A 075417
Abakumov, L S 073096
Abdel-Aal, Y A I 080153
Abdel-Aal, Y A I 080692
Abdinbekova, A A 080482
Abdul-Karim, R W 075264
Abdussalam, M 073670
Abdussalam, M 075851
Abe, M 073786
Abe, M 074650
Abe, T 075283
Abe, T 078017
Aberhart, D J 077497
Abernathy, G H 078393
Abernathy, G H 080894
Abernathy, J R 079609
Abiko, K 078931
Abiko, K 079155
Ablaeva, R A 081179
Abou-Zeid, A 077006
Aboul-Nasr, S 079941
Abplanalp, H 074745
Abraham, E V 079729
Abraham, E V 079821
Abrahamsen, M A 072939
Abramian, A G 077611
Abramian, A G 077935
Abramian, B M 076999
Abramian, B M 077000
Abramov, I V 075945
Abramova, Z V 077820
Abramowicz, S 074300
Abrams, C F 080971
Abramsky, T 077436
Abramsky, T 077437
Abrego, L 079352
Abrosimova, R S 073129
Abrosimova, R S 080794
Abu-zinada, A A H 076901
Abu-zinada, A A H 078914
Abubakirov, N K 077387
Aburto Marquez, S 079683
Abushama, F T 079918
Abutiate, W S 078035
Acaite, J 075990
Acaite, J 075991
Acciarri, C 075776
Acerbo, S 077964
Achar, H P 081085
Achar, H P 081642
Acharya, S S 072988
Acharya, T K T 073298
Acharyya, N 081372
Acharyya, N 081622
Achkanov, A IA 081152
Achten, J 072921
Achten, J 072922
Achterberg, H 080839
Acker, W 074365
Ackerl, F 076184
Ackermann, K H 080790
Acquaye, D K 081365
Acton, J C 074066
Adair, C R 073453
Adalberth, S 074924
Adam, Z B 073870
Adamek, J 074292
Adamovich, G G 073701
Adams, N R 076007
Adamski, R 074132
Adansi, M A 079169
Adelaar, T F 075780
Adhikari, M 081091
Adigezalov, G O 076609
Adkisson, P L 079745
Adler, W H 075729
Adler, W H 075730
Adriano, D C 081813
Aduayi, E A 077394
Aelen, J M A 077543
Aelst, A C van 076882
Afinogenova, R D 073112
Afnan, M 075847
Afshar, A 076064
Afzal-Rafii, Z 076776
Agadzhanov, N 073016
Agaev, M G 077452
Agaeva, E M 075971
Agaeva, T K 077020
Agamalova, S R 077831
Agamirov, U M 078622
Agapitova, G N 074839
Agarwal, A S 081088
Agarwal, G K 077747
Agarwal, G K 081375
Agarwal, M R 081353
Agata, W 077792
Agata, W 077793
Agata, W 077794
Agata, Y 081678
Agde, K 075119
Age, P J 076261
Ageeva, L N 074492
Aggag, M 077556
Aggarwala, N 081686
Agne, L 078845
Agrawal, M C 081645
Agresti, A 075987
Agsteribbe, E 077353
Aguado, E 081745
Aguiar Macedo, J de 076607
Aguilar, J 081048
Aguirre, G D 076089
Ahizi, 078456
Ahl, J G 073479
Ahlgrimm, H 080846
Ahmad, S 079350
Ahmed, A M 073820
Ahmed, N 081092
Ahrens, G 073600
Ahuja, L R 081110
Ahuja, V P 077752
Aiba, C J 077505
Aidinian, R Kh 081006
Aikova, R 080883
Airan, D S 081876
Aitbaev, A 081267
Aitpaev, A 075414
Aitzetmuller, K 073875
Ajtkhozhin, M A 077730
Ajuusch, S 074409
Akazawa, T 074152
Akazawa, T 077865
Akazawa, T 077896
Akazawa, T 077898
Akebrand, V 076367
Akerlund, L E 075501
Akers, J M 073841
Akesson, E 072787
Akesson, K A 073060
Akhanov, A U 077730
Akhmedov, D 073924
Akhmedova, A G 075598
Akhmedova, S M 077019
Akhundov, T M 076608
Akhundova, A R 081023
Akiba, Y 075056
Akimov, IU A 078234
Akiya, T 077738
Akiya, T 081366
Akiyama, T 081396
Akiyama, Y 075688
Akopova, Zh M 077937
Akulov, A V 076165
Akulova, E N 075425
Al-Adil, K 077759
Al-Adil, K 079719
Al-Suaidy, M A 074099
Al-suaidy, M A 074100
Al'bertian, M P 075929
Aladashvili, A Z 075874
Alakhverdiev, F D 076829
Alakhverdiev, F D 081068
Alam, S 077003
Alam, S 079601
Aland, K 072880
Alava, R 076655
Alberini, M 073784
Alberini, M 074218
Albers, F 076743
Albersheim, P 076963
Albert, P J 080216
Albertazzi, G 079938
Albertini, L 076998
Albi, T 080075
Albini, B 074583
Albrecht, F O 080154
Albuquerque, F C 078932
Aldrich, D T A 078451
Aldrich, R C 076329
Aleksandrov, B V 075416
Aleksandrova, A M 081005
Aleksandrova, L S 073546
Aleksandrova, M S 076714
Aleksandrowska, I 075754
Aleksashin, V S 075422
Alekseeva, A N 081174
Alekseeva, E S 077909
Alekseevskii, E 072742
Alekseevv, V E 081169
Alexander, D J 075916
Alexander, D P 075338
Alexander, M 079644
Alexander, M M 074287
Alfer'ev, V P 073118
Alfjorden, G 078212
Alfnes, L 081422
Ali, A 079599
Ali, F A 080415
Ali, I 079190
Aliev, A A 074833
Aliev, A A 074848
Aliev, G A 074834
Aliev, G A 076341
Aliev, G A 076817
Aliev, M O 077019
Aliev, R A 079229
Aliev, S A 077720
Aliev, S A 081066
Alieva, N A 075598
Alikhanov, S G 080384
Alimbetov, S A 081517
Aliniazee, M T 079924
Alioto, P 073576
Alitalo, I 075860
Aljibury, F 081758
Allan, F 074436
Allan, W C 079837
Allaway, W G 076905
Allayarov, Kh 077389
Allen, C E 074952
Allen, D M 074646
Allen, J W 073279
Allen, L H 074975
Allen, L R 078289
Allen, R D 077277
Allen, R H 076234
Allen, T J 079485
Allievi, J 078262
Allmendinger, A 072730
Allorge, L 076606
Allred, D M 080559
Almeida, M E L de 077516
Almela Pons, G 078079
Almela Pons, G 078080
Almgarden, N 075129
Alosi, C 081764
Alp, O 073513
Alperden, I 073609
Altaif, K I 075568
Altekar, W 074064
Alteneder, K 074424
Alteneder, K 080928
Alteneder, K 080929
Alteneder, K 080930
Althaus, H H 079190
Alton, G G 075981
Altschul, A M 078449
Alvaraco Cordobes, M 079781
Alvarado A, D 078257
Alvarado Cordobes, M 079428
Alvarado Cordobes, M 079689
Alvarado Cordobes, M 079691
Alvarado Cordobes, M 079692
Alvarado Cordobes, M 079771
Alvarado Cordobes, M 079787
Alvis G, A 081763
Am"iarv, A 072972
Amadei, G 072930
Amaral, F A L do 078491
Amarasteanu, S 075385
Amargier, A 080185
Ambasht, R S 077942
Amberg, H R 076522
Amberg, H R 081852
Amborski, G F 075618
Ambrosi, M 080015
Ambrozek, V 078873
Ambrus, B 078170
Amdal, L 074427
Amen, R J 073740
Amer, M A 078117
Ames, H T 076802
Ames, J 073484
Amich-Gali, J 075082
Amin, H D 078599
Amirapu, V R 076486
Amiressami, M 079882
Amitai, P 080575
Ammer, U 072730
Ammerman, C B 074960
Amorocho, G 073184
Amos, F B 077670
Ampofo, S T 077412
Amponsah, J D 078979
Amram, Y 080863
Anahosur, K H 078986
Anand, S C 077254
Anand, S C 079110
Anand, S R 075267
Anandan, B V 081140
Ananian, A A 077248
Ananthanarayana, R 081146
Anastassiadis, P A 074579
Anderlini, R 078834
Anders, E 073531
Andersen, G 076291
Andersen, I L 079042
Andersen, J B 075303
Andersen, J R 075578
Andersen, K 077092
Andersen, K 079298
Andersen, S 077092
Andersen, S 079298
Anderson, B M 074545
Anderson, C R 074647
Anderson, D 080018
Anderson, D P 075816
Anderson, G D 077512
Anderson, G K 081809
Anderson, J 073484
Anderson, J C 075660
Anderson, J M 072905
Anderson, J M 081160
Anderson, J M 081161
Anderson, J O 075052
Anderson, J U 081149
Anderson, M J 074856
Anderson, N V 076002
Anderson, W C 077836
Andersson, B 072710
Andersson, B 072711
Andersson, G 078406
Andersson, I 075501
Andersson, J 075245
Andersson, L 074359
Andersson, S 073706
Andersson, S 074417
Andert, A 080754
Ando, K 073951
Ando, N 073641
Ando, N 074027
Ando, N 074031
Ando, N 074032
Ando, T 077790
Ando, T 077791
Ando, Y 080363
Andrade, L 077987
Andrasko, H 075949
Andrawes, N R 080086
Andre, L 073922
Andre, P 074304

Andrea, C P 080770
Andreev, N G 076875
Andreev, N G 081512
Andreev, N G 081526
Andreeva, E G 074691
Andreeva, E I 079326
Andreeva, E V 073700
Andreeva, N P 081251
Andreeva, T V 079388
Andreini, G 074811
Andreozzi, G 074507
Andres Cantero, F de 079249
Andres, J 077916
Andreucci, E 079282
Andrew, C S 077687
Andrew, C S 077688
Andrews, L D 074440
Andries, J A 078440
Andringa, R 078275
Andriuk, A K 080043
Andriushchenko, A V 073914
Andrjenko, A 074002
Andrle, A 076274
Andronova, L M 077584
Andrutskii, N A 075418
Anelli, G 081002
Ang, C Y W 073583
Ang, C Y W 080055
Angenot, L 077524
Angenot, L 077552
Angiboust, A 078633
Anglemier, A F 073635
Anglemier, A F 080095
Angus, K W 075711
Angus, K W 075712
Angus, K W 075731
Angus, R B 080619
Anisimova, G G 078190
Anjaneyulu, B S R 081648
Anjos, L S dos 078009
Anke, M 075020
Anke, M 076005
Anke, M 076006
Anke, M 076033
Anke, M 076034
Ankley, D L 075156
Ankrah, E K 073849
Annenkov, V 073021
Anokhin, V S 077247
Ansorena, I 072645
Ansorge, H 081280
Ansorge, H 081337
Ansorge, H 081346
Ansorge, P 074269
Antal, I 074877
Antonelli, C 079558
Antonini, J 074567
Antonov, A A 075149
Antonov, S 075559
Antonova, L A 078209
Antonucci, R 074506
Antoszewski, R 077562
Antsiferov, S D 073693
Antsiferov, S D 076168
Antunes, I F 077027
Aoki, T 076573
Apa, A 081390
Aparin, B F 081135
Apel, P 077063
Apltauer, J 081432
Apltauerova, M 077044
Apple, J W 079213
Aptikaeva, G F 077203
Aptil, M S 079020
Apuvert, P 078906
Aquillo, D 074415
Aradski, M 078740
Aragaki, K 079223
Aragon Quinones, H 072694
Arai, K 078017
Arai, S 077311
Araji, A A 073243
Arakane, M 076697
Araki, S 075688
Arambulo, P V 075519
Araud, O 077530
Araujo, A F 073770
Araujo, E C de 074893
Arbeiter, G 072888
Arbiza, S 072703
Arbuckle, J B R 075877
Archer, T F 073341
Ardatova, A N 073704
Ardatova, A N 076172
Ardisson, J L 075478
Aref'ev, V I 072949
Arendarcik, J 074620
Arens, R 078579
Arevalo Arias, J 073153
Argo, A D 079330
Argoudelis, C 077997
Arhelger, R 074995
Arias Fandino, E 078520
Arias Giralda, A 078921
Arias Giralda, A 079782
Arias Giralda, A 079786
Arias, A 079780
Arias, J R 079960
Arima, S 073952
Arkenbout, J 080768
Arle, H F 079618
Arlitt, M 073252
Arman, A 081128
Armstrong, J F 080052
Arnaud, P H 080502
Arnaudon, P 078627
Arnett, J D 078289
Arnoldi, H W 074044
Arnould, R 074155
Aro, S 074520
Arola, R A 076552
Aron, P L 078802
Aron, P L 078804
Aron, P L 078805
Aron, P L 078806
Arora, R K 076811
Arora, R K 076919
Arputharaj, C 073033
Arrivets, J 078264
Arsen'ev, D D 075534
Arst, H N 077462
Artamonov, K F 081716
Arvesen, J C 081847
Arvik, J H 079597
Arya, Y C 081647
Aryeetey, E A 080410
Asadov, S M 075685
Asahi, T 078121
Asare-Nyako, A 078979
Asche, I 078708
Asche, I 078709
Asche, I 078710
Aschoff, C 074663
Aschoff, J 074663
Aseeva, I B 077908
Asensio De La Sierra, E 080046
Asensio De La Sierra, E 080658
Ashizawa, H 074680
Ashizawa, H 075759
Ashizawa, H 075761
Ashton, F M 079612
Ashton, P G 081736
Ashurov, Z M 074993
Ashwood, A M 074389
Ashworth, J M 077357
Ashworth, L J 079105
Asizawa, H 075760
Askar, A 074262
Askari, E M 076111
Askari, E M 076112
Askerov, F B 074529
Aslam, M 079534
Aslanov, N N 081179
Asmaeva, A P 074235
Aso, S 077785
Aspinall, D 077690
Aspock, H 080528
Aspock, H 080576
Aspock, U 080528
Aspock, U 080576
Assa, Y 077696
Assis Brasil E Silva, G A 077518
Assis, F de P 074572
Astigarraga Valverde, E 079771
Astill, B D 073637
Astrand, P O 073803
Atanda, O A 077049
Athanasiu, P 076056
Athias-Henriot, C 080490
Atkinson, A 075001
Atkinson, A 075002
Atkinson, W O 074163
Atkinson, W O 074167
Atkinson, W O 077807
Atkinson, W O 077810
Atkochiunaite, V K 077305
Atlas, R M 081793
Atlavinyte, O 080168
Atlavinyte, O 081037
Attridge, T H 078136
Aubert, B 078683
Aubry, M 078772
Auclair, A N 078200
Audemard, H 079797
Audiberti, C 077187
Auel'bekov, K 072976
Aufsess, H 076479
Aufsess, H V 078970
Augustyn, O P H 080323
Auma, E O 079473
Aune, K C 074542
Aurstad, K 079936
Austara, O 079902
Austenson, H M 077652
Austic, R E 076049
Autran, J C 074182
Avakaiants, B A 074812
Avakian, K M 081152
Avakyan, V A 077210
Avena, G C 076843
Averdunk, G 075380
Averin, V S 073144
Avermaete, U 078840
Avetisian, S V 078008
Avetisova, L V 077948
Avram, S 080478
Avramchik, M N 077466
Avron, M 077534
Avron, M 078032
Avtonomov, I IA 074367
Avundzhian, E S 074235
Awasthi, B K 079860
Awasthi, D N 078045
Awasthi, V B 080293
Awatramani, N A 081656
Axer, J 073227
Axtell, J D 078359
Axthelm, D D 081674
Ayabe, T 077031
Ayers, R S 081324
Ayyavoo, R 079015
Azad, A A 077706
Azarov, G S 074486
Azechi, H 075636
Azevedo, A 078415
Azizbekova, Z S 077675
Azizbekova, Z S 077677
Azizbekova, Z S 077719
Azizbekova, Z S 077721
Azn, A T 076683
Azria, M 080178
Azurin, J C 079951
Baalsrud, N I 076039
Baarends, J L 078688
Babaev, M P 081017
Babaev, R 081038
Babaian, L A 077634
Babakishiev, A G 077194
Babb, E M 073454
Babel, F J 073932
Babka, M 074772
Babkov, G A 073099
Babos, M 077316
Babu, Y R 076850
Baca, O 076495
Baca, R De 075340
Bachman, G 073479
Bachmann, B 073895
Bachmann, F 074347
Bachrach, H L 075957
Back, R 074509
Bacso, A 072896
Bacso, A 074179
Badanur, V P 081438
Badea, I I 080941
Badenhop, M B 076542
Badenhop, M B 081701
Bader, H 075442
Badewitz, S 073009
Badger, D D 079754
Badiger, G K 081635
Badinand, B 073170
Badinand, F 075509
Badings, H T 073964
Badings, H T 073965
Badour, S S 077533
Badr-Eldin, S M 077468
Badr, A 077925
Baerg, D C 079984
Baertl, J M 073709
Baetcke, K P 079720
Baetz, R 073634
Baeyens, L 072924
Baganz, K 074328
Bagashvili, D A 075436
Bagby, M O 073912
Bagchi, S N 081097
Bagdanaviciene, Z 081033
Baggot, J D 074783
Baghel, S S 077107
Bagley, W P 080086
Bagnenko, V K 078562
Bagrii, B A 072940
Baharmast, D 076063
Bahavandoss, M 078308
Bahn, E 077064
Bahn, E 080276
Bahr, J T 077767
Bahr, J T 078052
Baicu, T 079377
Baier, D C 079979
Baier, J 077904
Baier, J 081284
Baier, S 077619
Baigun, R 075512
Baijal, M 078118
Baikov, B 074809
Bailey, D G 074227
Bailey, J B 075336
Bailey, P J 074949
Bailey, R W 077851
Bailey, S F 079983
Bailey, S F 079984
Bains, K S 077254
Bains, K S 079110
Baird, D M 074083
Baird, G D 074787
Baird, J A 074698
Baird, J D 075647
Baitala, A V 074488
Bakai, S M 075171
Bakanina, F M 081559
Bakel, C H J van 076880
Baker, A R H 072624
Baker, A S 081499
Baker, A S 081518
Baker, C J 078962
Baker, D H 074917
Baker, D H 075057
Baker, D H 075058
Baker, E P 077258
Baker, E P 079111
Baker, J 073485
Baker, J 081481
Baker, J 081742
Baker, J P 074914
Baker, J R 080114
Baker, J R J 076972
Baker, L R 079605
Baker, R C 074080
Baker, R C 076139
Baker, R D 075282
Baker, R S 079517
Bakhranov, R B 075428
Bakke, A 079902
Bakker-Grunwald, T 078007
Bakker, Y 081316
Bakulov, I A 075985
Bakunas, I 076100
Balagezian, N V 077607
Balaj, D 079378
Balaj, D 079379
Balan, N 081201
Balan, S 081233
Balandina, I A 077639
Balange, A P 077869
Balaraman, K 081065
Balascak, J 075953
Balastikova, M 079575
Balasubramaniam , E 073707
Balasubramaniam, G 079821
Balasundaram, C S 081142
Balbierz, H 074714
Balbierz, H 075752
Balboa, F C 079765
Baldandasch, L 073469
Baldani, G 079012
Balderston, C P 079904
Baldoni, R 075107
Baldoni, R 078536
Baldrich, J 078616
Baldwin, B A 074508
Baldy, C 077684
Balewski, A 079873
Balkandschiewa, J 077056
Balkow, I 077123
Ball, R F 074743
Ballard, T M 081053
Ballarini, G 074584
Ballarini, G 075850
Ballester, D 073767
Balloun, S L 075048
Balman, F E 076294
Balutsa, P I 075167
Bampoe-addo, A 081072
Ban'ko, IU A 074492
Banaszkiewicz, A 074512
Bancroft, J B 079178
Bandiukova, V A 077579
Bandyopadhya, A K 081101
Bandyopadhyay, C 074283
Banerjee, A K 081099
Banerjee, S 080250
Banerjee, S 081100
Banerjee, S K 081090
Banerjee, S N 077574
Banita, E 079375
Bankov, N 075391
Bankowska, R 080555
Banks, H P 076613
Banks, W A 079635
Banneick, A 078299
Banneick, A 081339
Bannon, C D 076431
Bannov, M G 079879
Banoch, Z 081706
Bansho, H 074986
Banta, G R 072794
Banthorpe, D V 077553
Bapat, M V 081652
Bapat, S R 081352
Baqri, Q H 079350
Bar-Joseph, M 079794
Bar, A 074593
Bar, A 074594
Baradishettar, K C 081635
Barak, K 081323
Baran, A 075949
Baranauskaite, A 080163
Baranauskaite, A 080169
Baranauskiene, A 077301
Baranov, O K 074797
Baranov, P A 081496
Baranov, V F 081586
Baranovskaia, I A 079235
Barash, I 077532
Barath, Z 079190
Barbee, W 081677
Barber, A L 073599
Barber, A L 073835
Barber, D J 078114
Barber, S 074140
Barberis, C 072696
Barbieri, M 074605
Barbieri, M 075687
Barbieri, V 075176
Barbosa, C 074888
Barbulescu, A 079375
Bardin, R 078934
Bardner, R 079685
Barefield, L A 074322
Barej, W 074706
Baren, F A van 081075
Bares, I 077170
Bares, I 079070
Barheine, 073039
Barheine, 081362
Bariola, L A 079701
Bariola, L A 079703
Baris, D B 072720
Baris, D B 072721
Barjac, H de 079825
Barjac, H de 080341
Barker, R W 080346
Barker, S 081492
Barlow, H B 074791
Barlowe, R 073479
Barmintsev, IU N 074494
Barnabe, R 076106
Barnacle, J E 076429
Barnard, J P 075003
Barnard, R O 081129
Barnard, R O 081131
Barnes, R C 081576
Barnier B, R 077011
Barone, R 076053
Barque, A R 074951
Barragan Landa, E 081049
Barrales V, L 077011
Barrault, J 078263
Barreiro, M 078185
Barreneche G, R 074789
Barrentine, W L 079517
Barreto, A 074089
Barrett, J 075716
Barrett, J T 075676
Barriga, R 078826
Barring, U 076400
Barrios, A 078621
Barrons, K C 079443
Barros, R S 077590
Barrow, J R 073380
Barrow, J R 079107
Barrs, J 076796
Barry, P J 073132
Barse, J R 073296
Barsegian, A M 077936
Barta, O 074847
Barta, V 074847
Bartalini, F 080798
Bartashevskaya, M V 077221
Bartel, L 074906
Bartel, L E 078290
Bartel, L E 078291
Bartel, L E 079437
Bartel, L E 079438
Bartels, H 074015
Bartels, H 074016
Barth, R 076313
Bartha, R 081793
Barthel, M 075765
Barthelemy, J 080945

Barthlott, W 076958
Bartlet, A L 074574
Bartlett, A C 079701
Bartlett, R 081463
Barton, G M 076529
Bartos, P 077170
Bartos, P 079070
Bartosz, B 075745
Barua, P K 077422
Baruah, J N 077422
Baruah, J N 077423
Barzdaitiene, L 074858
Basarova, G 073879
Bashkeev, E D 074840
Basile, A 074396
Baskerville ,A 075839
Baskerville, A 075830
Baskerville, A 075838
Baskin, L M 074426
Basrur, P K 075315
Bass, E P 075771
Bass, R J 074210
Bassal, T T M 080350
Bassett, R A 077356
Bassi, M 079203
Basso, M 078612
Basso, M 078613
Basson, N C J 079726
Basteleus, R 078788
Basteleus, R 078798
Bastin, M 073893
Basu, R N 077975
Basu, R N 077977
Basu, R N 077978
Basu, R N 077982
Basu, R N 078602
Basuthakur, A K 074642
Bataa, D 072668
Bates, D W 080733
Bateson, J H 077601
Batey, T 081159
Bath, D L 075009
Batinica, J 079864
Batiuta, V I 078846
Batoev, Ts Zh 074792
Batsamygina, G G 076946
Batten, R 080522
Battum, D van 073828
Batz, G 077064
Baud, L 080662
Bauder, W W 072984
Baudewyn, J 072924
Baudis, H 077118
Bauer, A J H 081552
Bauer, H 072629
Bauer, L 077518
Bauer, U 079423
Bauer, W 079366
Bauer, W 080718
Bauers, C 078919
Bauersfeld, P 076138
Baum, B R 076638
Bauman, T T 079441
Bauman, V 074611
Baumann, H 073267
Baumann, H 073269
Baumgardner, M F 072643
Baumgardt, B R 074973
Baumgarten, H J 074017
Baumler, W 079243
Baumung, A 075361
Bawtree, A 078333
Baxendale, D 077553
Baxter, R L 077439
Bay, O 080070
Bayer, A 074552
Bayer, L J 080650
Bayer, M H 077535
Bayer, M H 079368
Bayer, R C 074724
Bayley, N D 072690
Bayma, C 074091
Bazzaz, M B 078133
Beal, R E 075041
Beall, S E 080743
Beam, M M 074109
Bean, J L 079913
Beard, J B 078620
Beasley, E O 080934
Beatley, J C 076696
Beattie, B B 078997
Beaty, E R 077774
Beauchemin, N 077325
Beaucournu, J C 080641
Beaucournu, J C 080642
Beaudry, J R 080211
Beausoleil, J M 079634
Beaver, R A 080419
Becerra B, H J 073078
Bech-Hansen, C W 076891
Bechenhauer, W H 075771
Bechyne, M 077889
Beck, C C 073484
Beck, C C 076161
Beck, H 080282
Beck, N F G 074589
Becka, V 073357
Becker, F 073937
Becker, G 079489
Becker, H G 079291
Becker, M 075854
Becker, M 076992
Becker, W A 075804
Beckey, H D 080085
Beckman, R C 075891
Bedbrook, J R 079209
Bedell, T E 074857
Bedell, T E 076815
Bedford, P G C 076078
Bedigian, H G 075809
Beech, R L 073279
Beede, D K 074900
Beeler, D H 081753
Beer, K 081350
Beer, K K 073129
Beggs, E C 074781
Begin, J J 075324
Begliarov, G A 079877
Beguchev, A P 075410
Beguchev, A P 075412
Beh, K J 075835
Behal, S P 078362
Behal, S P 081628
Behnke, H D 076798
Behr, O 081680
Behrens, H 075868
Behrent, D F 078381
Behymer, D E 075631
Behymer, R D 075631
Beiss, U 079114
Beitz, H 073617
Beitz, H 080072
Bekaert, H 075082
Beken, A van der 072765
Bekhtor, O 081186
Bel'denkov, A I 075420
Bel'denkov, V A 080721
Belakova, A 080608
Belcher, R H 072995
Belen'kii, D Kh 078570
Beletskii, Y D 077195
Beletskii, Y D 077229
Beliaev, D K 075348
Beliaev, D K 077189
Beliaev, E Zh 081256
Beliaev, G N 081290
Beliaev, V A 081714
Beliaeva, G T 081290
Beliaeva, L E 077585
Beliaevskii, IU I 075131
Belianskii, S 072650
Belien, J M 079477
Belinskaia, V Z 080381
Belkina, N N 074835
Bell, A A 079103
Bell, A R 077003
Bell, A R 079601
Bell, E T 075258
Bell, E T 075336
Bell, F A 081731
Bell, L E 076180
Bell, P E 080264
Bell, P R 076942
Bell, S C 073394
Bell, W E 080795
Bellamy, C G 074953
Bellani, L 075555
Beller, I 075312
Beller, N D 073369
Belliard, C 073053
Bellinck, C 081220
Bellini, E 078738
Bellini, P 078736
Bello, T R 075618
Bellomaria, B 077426
Belocopitow, E 077570
Belogub, D K 075424
Belonje, P C 075288
Belous, V I 076376
Belousova, N A 076831
Belov, N 072873
Belova, L I 077222
Belozerov, V N 080376
Belyaeva, R G 077204
Ben-Amotz, A 077534
Ben-Ya'acov, A 078644
Benada, J 079576
Benard, P 074498
Benassy, C 079813
Benc, S 077125
Benc, S 077166
Benci, J F 077644
Bendbow, E B 080266
Bender, F E 080807
Bendlova, H 079749
Benedek, P 080446
Benedetti, A 072766
Benemann, J R 077335
Benes, J 074058
Benesova, L 074759
Bengelsdorff, H J 075656
Bengoa, J M 073716
Bengtsson, A 078529
Benjamin, R 078252
Benner, J 074169
Benner, J F 073643
Benner, J F 074164
Bennett, D G 075903
Bennett, J W 074698
Bennett, M D 076982
Bennett, O L 078260
Bennett, O L 079417
Benninger, D 075012
Benois, A 080180
Benoit, F 073534
Benoit, F 078838
Benoit, F 078839
Benoit, F 078841
Benoit, F 078842
Benoit, P 079886
Benoit, P 079905
Bensch, G 080819
Benson, J A 076097
Benson, J K 072684
Bentley, W R 076337
Benveniste, K B P 077348
Benvenuti, A 072672
Benyshek, L L 075254
Benz, G 080249
Benzioni, A 077839
Benzioni, A 077840
Beran, V 078499
Beranek, J 078844
Beranek, V 078551
Berberan, J C 072654
Berberan, J C 080879
Berdel, R L 080670
Berdugo, J 076998
Berdyev, A 080021
Berenhauser, H 076195
Berenhauser, H 076468
Berenshtien, F IA 074817
Bereskin, B 074643
Bereskin, B 075384
Beretta, G 074021
Berezkin, A N 077086
Berezovskii, A A 074367
Berg, M A 077659
Bergelin, S E 075518
Berger, K 073183
Berger, R 073249
Berger, W G 074311
Berghen, V C 076859
Bergmann, D 073007
Bergmann, D 080823
Bergmann, H 073071
Bergmann, H 081683
Bergner, H 074546
Bergo, H 073510
Bergot, J 080368
Berindan, C 079398
Berk, Z 074161
Berkenkamp, B 078967
Berlier, 076131
Berman, M C 074029
Berman, N 074693
Bernacki, H 080834
Bernadzki, E 076391
Bernaldex Villar, J M 079428
Bernaldez Villar, J M 079689
Bernaldez Villar, J M 079771
Bernaldez Villar, J M 079781
Bernardi, A 073692
Bernays, E A 080224
Berndorfer-Kraszner, E 078025
Berndt, H 079125
Berndt, S 080712
Bernerode, W S 078427
Bernhardt, H 078295
Berns, D S 077324
Bernstein, M H 075271
Bernt, R 076313
Berntsson, B 072992
Berrier, R 074182
Berry, M I 077506
Berry, R E 079659
Bersani, F 074605
Bersani, F 075687
Berthelot, J 072863
Berthet, P 080375
Bertilsson, G 081314
Bertrand, M 075513
Beshear, R J 080556
Besombes, J P 079836
Besse, K 073398
Besson, J M 074348
Bessonov, S K 073086
Best, A M 080816
Best, D J 078997
Beste, C E 079336
Besulin, V I 075387
Bethea, R M 081792
Betlach, J 078169
Bettamio, G P 073526
Bettinelli, B 078158
Bettoni, V 075675
Beuchat, L R 073636
Beukering, C H J van 073173
Beutling, E 073602
Bewley, T A 074562
Beyers, W B 072964
Beylina, S I 077288
Beyrich, H 075111
Bezanger-Beauguesne, L 073899
Bezborodkin, N S 075969
Bezdek, V 079576
Bezdek, V 081510
Bezecny, L 077169
Bezenko, S P 075409
Bezenko, T I 075412
Bezenko, T I 075420
Bezsmertnaya, I N 078177
Bezubik, B 075588
Bezubik, B 075980
Bhadrapur, T G 081085
Bhadrapur, T G 081642
Bhagat, S D 077423
Bhalla, P R 077447
Bhalla, S C 079985
Bhalla, S C 080214
Bhari, N R 078368
Bhari, N R 081382
Bhaskaran, R 079016
Bhatia, I S 074633
Bhatia, K 076484
Bhatnagar, R K 081095
Bhattacharya, A K 081625
Bhattacharya, A K 081626
Bhattacharya, A N 074959
Bhattacharya, N C 077481
Bhujbal, B G 078793
Bhujbal, B G 078794
Biagini, G 074605
Biagini, G 075687
Bianchi, A 077188
Bianchi, M A 074021
Bianchi, P G 073784
Bianchi, P G 074218
Bianco, V V 078048
Biasini, A 081540
Biaziev, IU S 074487
Biber, B 074519
Bibikova, V I 074692
Bich, A I 075434
Bickel, H 074347
Bid, N N 077983
Bid, N N 078605
Biedermann, L 074452
Bielecki, M 074517
Bielig, H J 074262
Bielinska, K 075034
Bielinski, K 075034
Bieniek, K 076031
Biesmans, J 078837
Biggs, H H 072966
Bigham, M L 074870
Bigler, E R 077661
Bigras-Huot, F 080668
Biiashev, G Z 076889
Bilewicz-Pawinska, T 080548
Bilgin, Y 078504
Bille, N 076017
Billet, D 077520
Billmyer, S J 080560
Billon, P 080946
Billot, C 078680
Billy, B 077778
Bilyi, P F 079492
Bindra, O S 081838
Bing, R F 075902
Bingefors, S 078527
Bingham, S W 079606
Binning, L K 079214
Binning, L K 079215
Binning, L K 079216
Biolchev, A 081590
Biondi, E 075584
Biran, I 078098
Bircak, A 075949
Birch, B P 072718
Birck, R 075983
Bird, H R 074754
Bird, L S 079404
Birk, Y 077696
Birova, V 075951
Bishop, A H 074950
Bismuth, E 078135
Bisset, N G 077524
Bistner, S I 076089
Biswas, P K 078223
Bitman, J 075061
Bitman, J 075325
Bitman, J 080127
Bitman, J 080128
Bittner, S 078124
Bittrich, G 076005
Bittrich, G 076006
Biveinis, J 077301
Bjerregard, J 081798
Bjorgarden, S 078408
Bjorgarden, S 078409
Bjorkell, B 076514
Bjorkhem, I 074557
Bjorndal-Riis, B 078713
Bjorndalen, J E 076620
Bjornstad, A 078715
Bjornstad, A 078754
Bjornstad, A 078770
Bjurling, J 078528
Blachere, H 079625
Black, C C 077354
Black, J L 074868
Black, R J 078831
Blackford, R 073992
Blackwell, R L 074642
Blackwood, J 076580
Blahutiak, A 079844
Blaim, K 077755
Blaim, K 077756
Blake, J 080136
Blakely, J D 073712
Blakeslee, L 072964
Blakley, L V 073299
Blanchar, R W 081393
Blanchard, G L 075453
Bland, D E 076476
Blanguernon, F 078292
Blank, G 073484
Blank, P 073262
Blanken, G 080749
Blanton, W A 074239
Blasco pascual, J 076824
Blasco Pascual, J 079788
Blaskovic, D 080023
Blasse, W 072853
Blaugh, B 076092
Blaxell, D F 076733
Blaxell, D F 076734
Blazek, J 080926
Blazek, K 075952
Blazkova, J 077704
Blazquez, C H 078992
Blazquez, C H 080081
Bleijenberg, P 080954
Blendl, H 075006
Bletner, J K 075039
Blin, P C 074779
Blincoe, C 074652
Blinova, S L 079232
Blizzard, S H 080796
Blobel, G 076956
Bloching, M 077438
Blocker, H D 079637
Blohm, H 075532
Blois, M C 077599
Blokhina, R I 076070
Blom, A K 074504
Blomqvist, S 076357
Blondel, L 078684
Bloom, G F 073255
Bloom, J R 079312
Blouin, J L 076853
Blowey, R W 074807
Bludovsky, Z 076281
Bludovsky, Z 076494
Blue, R L 079156
Bluher, G 074001
Blumenthal, K P 081610
Blunden, G 077547
Blyth, E J 079811
Blyth, J E 076553
Boamah-Mensah, E 077091
Boardman, S D 076542
Boarer, C D H 075831
Boaz, T G 074478
Bobrova, S I 080589
Bobrovnik, V S 074492
Bobrovskii, A P 077310
Bochko, N V 074486
Bochniarz, J 078376
Bochow, H 078976
Bochow, H 079291
Bochow, H 081539

Bochsbickler, K 072850
Bock, H D 074911
Bock, H D 075117
Bock, H D 077051
Bock, K R 079151
Bockenhoff, E 073148
Bockenhoff, E 073151
Bockmann, H 079034
Bockmann, H 079037
Bocquet-Vedrine, J 080488
Bocquet, C 080190
Bocquet, C 080488
Boczek, J 079664
Boczek, J 079678
Boczek, J 080389
Boda, K 074815
Bodea, C 077597
Bodea, C 077598
Bodenstein, K H 074994
Bodhade, S N 079724
Bodlaender, K B A 078093
Bodrov, I K 081181
Boemare, N 080184
Boening, O P 079708
Boersma, L 080740
Boersma, L L 077654
Boesler, M 073437
Bogart, J E 078620
Bogart, R 075251
Bogdan-Blakitnyi, R M 073142
Bogdanov, N M 079413
Bogdonova, L K 075152
Boggs, L A 076536
Bogin, E 075637
Bognar, S 079872
Bogner, H 073317
Bogomolow, A 072667
Bogoroditskaia, S V 079134
Boguszewski, W 081449
Bohart, R M 080504
Bohata, F 080754
Bohaychuk, W P 078941
Bohl, K 081335
Bohl, L 081486
Bohl, L 081487
Bohler, T 073442
Bohman, V R 074652
Bohnsack, H 073265
Boiarskii, L G 074367
Boiarskii, L G 075162
Boiko, I I 074367
Boikov, B 074407
Boing, J 078723
Boing, J 078724
Boing, J 079817
Boisbaudry, G D 075233
Boisvert, R 081694
Boiteau, P 076606
Boivin, B 076596
Boivin, B 076637
Boivin, R 076053
Bojarczuk, J 077252
Bojarczuk, J 078984
Bojarczuk, J 079098
Bojarczuk, M 077252
Bojarczuk, M 078984
Bojarczuk, M 079098
Bojic, M 081398
Bokhart, M H 076664
Bokhart, M H 076924
Bokus, L 073574
Bol, M 076500
Bolano De Daniel, A A 081488
Boldero, M K 075833
Boldt, E 074343
Boldt, E 075108
Boldt, E 075110
Bolens, L 081687
Boling, J A 074653
Bolke, M 081334
Bolkvadze, P D 075172
Bolland, H R 080521
Bollen, W B 078942
Bolling, H 074113
Bolling, H 074123
Bollum, F J 074555
Bolman, J 076957
Bolotin, A I 075413
Bolotin, A I 075414
Bolton, G R 076109
Bolton, J 077445
Bolychevtsev, V G 078219
Bommegowda, A 078436
Bonadonna, T 073472
Bonadonna, T 074394
Bonadonna, T 075249
Bonanni, 079656
Bonari, E 072672
Bond, E J 079933
Bond, J 074634
Bond, J J 077662
Bondarenko, N V 079674
Bondarev, O G 080716
Bondi, A 077696
Bondo-Andersen, A 072914
Boneva, K 081189
Bonfils, M S 075485
Boni, E 080981
Bonifacio, M M 072993
Bonifacio, O S 073350
Bonini, V 072709
Bonini, V 073314
Bonini, V 073320
Bonini, V 073520
Bonini, V 080787
Bonneau, M 075740
Bonneau, N 076160
Bonnemain, J L 077493
Bonnemain, J L 078109
Bonnemann, A 076361
Bonner, W D 077767
Bonner, W D 078052
Bonnet, L 080437
Bonotto, S 077540
Boomgaardt, J 075057
Boomgaardt, J 075058
Boone, M A 074718
Boone, M A 075326
Boos, G 073673
Boparai, B S 078473
Bora, I 077892
Boratynski, K 081452
Borbely, G 077868
Borchelt, P 074758
Bordas, B 080062
Borden, J H 080217
Borecki, Z 079043
Boreiko, A M 077198
Bories, G F 074648
Borisenko, E IA 075429
Borisenko, G 072913
Borisenko, N 073422
Boriskova, Zh L 081005
Borisov, V 072835
Borisova, I V 076866
Borisovskaia, G M 076947
Borkovec, A B 079646
Borkowska-Opacka, B 075797
Borle, M N 079724
Borle, M N 079822
Borneff, J 081315
Borodin, I F 074229
Borowska, A 079101
Borrmann, K D 080832
Borst, G 078936
Borsting, E 074391
Borsting, E 074881
Borsting, E 075201
Borsting, E 075202
Borsting, E 075203
Borsting, E 075204
Borsting, E 075206
Borsting, E 075207
Bortnik, A V 081585
Bos, B C 073403
Bosch, A 079381
Bosch, A 080771
Bosch, A 080953
Bosch, R van den 079649
Bosch, R van den 079753
Boschi, V 081389
Bosco Pinto, J 072644
Bosenberg, H 073620
Boshoff, H J 074170
Boshoff, P R 080323
Bosso, B 072938
Bosso, B 073089
Bostelmann, O 078669
Bostock, D E 076052
Boswell, C R 076848
Bosworth, W 080007
Botha, P J 079500
Botha, P J 079501
Botha, T 081134
Bothe, H 077544
Bothmer, G G von 075017
Botta, J A 075552
Bottcher, H 074272
Bottcher, H 078975
Botto, V 074376
Botto, V 074527
Bottrell, D G 079751
Bouchard, M 074041
Boucher, W D 079181
Bouchet, R J 072732
Boucque, C V 075080
Boudet, G 076813
Boudeville, J R 081840
Boudny, J 080736
Boudny, J 080888
Boudouresque, C F 076836
Boughton, F 080016
Boulard, C 079998
Boulter, D 076901
Boulter, D 077358
Boulter, D 078914
Bour, H 073782
Bourdet, A 074182
Bourgeon, A 075482
Bourke, J M 076008
Bournoville, R 079624
Bouron, M 080064
Bourque, P J 072964
Bourrillon, R 077365
Bousfield, W E 079887
Bousquet, J C 072919
Bouvier, J 077494
Bouvier, M 072704
Boval'dinov, B D 073106
Bowden, B N 077849
Bowen, W R 079987
Bower, R E 075280
Bowler, K 080222
Bowling, D J F 078144
Boxberger, J 080702
Boxem, T 074878
Boyd, A E W 078904
Boyd, H 075875
Boyd, K A 081731
Boyd, L J 075270
Boye, P 078772
Boyer, J S 077852
Boyer, M G 080113
Boyer, M G 081145
Boyes, J W 080507
Boyne, R 074784
Boyns, A R 075258
Boys, F E 079334
Boyter, C J 081738
Bozarth, A J 076001
Braae, B 074296
Bracegirdle, J R 076163
Bracken, D D 081737
Bracker, 078276
Bracker, H H 077963
Bradbury, J M 075917
Bradford, G E 075253
Bradford, M J 081463
Bradley, N W 074653
Bradley, R E 075613
Bradu, B L 077745
Bradu, N V 078812
Braester, C 081270
Braga, J M 078165
Braga, J M 078491
Bragantini, C 079742
Braganza, A F 074737
Bragg, D B 075049
Bragg, D B 075063
Bragt, J van 078037
Brahe-Pedersen, O 075124
Braicu, L 081781
Brain, K R 077547
Brajcich Gallegos, P 079683
Bramblett, V D 074069
Bran'kov, P G 072941
Bran'kov, P G 072963
Branas, M 078948
Branas, M 078950
Brancho, M 075994
Brander, G C 075910
Brandes, H 081349
Brandes, W 073392
Brandes, W 074245
Brandkamp, F 073349
Brandle, E 077548
Brandle, M 080857
Brandle, R 077401
Brands, J T 080771
Brands, J T 080952
Brands, J T 080953
Brandsberg, J W 074356
Brandt, G H 081081
Bransby-Williams, W R 079633
Branson, R L 081606
Branzovsky, I 077117
Brar, S S 081073
Bratkowska, I 074203
Bratton, C A 072779
Bratton, C A 072984
Bratton, G R 076091
Braud, M 077716
Brauer, H 075369
Braun, J J 077998
Braun, J P 074498
Braun, P 075866
Braun, S 073428
Braun, S 081795
Braune, S 074467
Brauner, G L 077819
Brauner, P 074480
Bray, D F 076915
Bray, M A 075273
Bredemeier, D 080936
Brederode, J van 077461
Breen, P T 075896
Breer, C 075855
Breeuwsma, A J 074798
Bregadze, I F 077203
Breidenbach, R W 077858
Breitenbach, R P 075676
Brekke, J E 074277
Bremen, L V 081276
Bremner, J M 081222
Bremner, P M 077685
Brendel, K 080712
Brendler, D 072885
Brengle, K G 081531
Brenna, H K 073238
Brestansky, I 075949
Bretternitz, R 081348
Bretschneider, F 074118
Bretschneider, R 074174
Bretschneider, R 074175
Breulis, L 074304
Brewer, D 077454
Brewster, L C 074282
Breyer, D 074106
Breyl, I 075139
Breza, M 075950
Brezina, J 073989
Brezinski, J P 076523
Breznovits, A S 077146
Brezny, O 079603
Bricio Sanz, M 079789
Brickey, P M 073575
Brickey, P M 073579
Brickey, P M 079921
Bricout, J 074254
Bridge, B J 081227
Bridle, P 078225
Briggs, D E 077847
Briggs, R E 081522
Briggs, R E 081751
Briggs, T M 073808
Briggs, W R 077859
Briggs, W R 077860
Briggs, W R 077861
Brightwell, C S 076340
Brightwell, C S 078247
Brignon, G 074604
Brillova, D 077700
Briner, H U 078432
Brink, V C 077729
Brink, V C 078333
Brinks, J S 075216
Brinks, J S 075222
Brinsfield, T H 074645
Briski, L 079324
Brittan, N H 076730
Britton, H G 075338
Britton, W M 074742
Briz Escribano, J 073158
Broadhurst, J 075342
Brochet, M P 072638
Brocker, R 073476
Brockington,s F 074147
Broderius, M A 074795
Brodie, B B 079307
Brody, A 073248
Broekhuizen, W K W 080764
Broekhuizen, W K W 080766
Broenhorst, H 078712
Broerman, F S 081525
Broex, W J J 072997
Brokaw, W H 078647
Brokes, Z 075399
Brolund, G V 073715
Bromley, W S 076555
Bronckers, F 077715
Bronckers, F 077984
Bronner, H 077967
Brooke, C L 074144
Brookes, I M 074651
Brooks, D H 078958
Brooks, P H 074976
Brooks, P H 075266
Brooks, R R 076848
Brooks, R R 077695
Brossaud, J F 073498
Brossut, R 080296
Broughton, N W 074210
Brouwer, H M 079382
Brouwer, H M 080129
Brouwer, H M 081476
Brown, A G 074665
Brown, C G D 075710
Brown, C G D 075732
Brown, C G D 075795
Brown, C G D 080010
Brown, D E 075239
Brown, D F 077760
Brown, F 075596
Brown, F M 080486
Brown, G 077445
Brown, G N 078097
Brown, G W 081705
Brown, J A 076540
Brown, J A 081858
Brown, J F 078830
Brown, K W 077640
Brown, L H 072856
Brown, L J 074535
Brown, L J 074536
Brown, M J 080087
Brown, N A C 077480
Brown, P T 074533
Brown, R 076965
Brown, R 076966
Brown, R 077537
Brown, R E 074651
Brown, R H 077358
Brown, S A 077569
Brown, W G 081882
Brown, W L 073478
Brown, W L 080394
Browning, W 073478
Brownlie, J 075727
Broz, J 074761
Bruce, M I 078120
Bruce, N W 075264
Bruce, R G 075911
Bruckental, I 075053
Bruckner, K J 073891
Brudzynski, S 074511
Bruggeman-Nannenga, M A 076700
Bruhns, G 074244
Brulfert, A 076897
Brumby, P J 073139
Brummer-Korvenkontio, M 079947
Brummer-Korvenkontio, M 079948
Brummer, H 076018
Brun, G L 080099
Brun, L 078404
Brun, L 078753
Brun, P 078684
Brun, P 079812
Brune, H 075155
Brunelli, A 079823
Bruner, A D 078394
Bruniquel, S 080441
Brunnert, A 080352
Bruno, F 076842
Brunoli, A 074062
Bruns, E G 080693
Brunt, A A 079150
Brusco, V 074339
Brusendorff, I 080746
Bruun, J 074909
Bruun, T 077509
Bruyn, A W J de 073404
Bruzzone, E 074250
Bryan, R F 077440
Bryan, V S 077142
Bryan, W C 076330
Bryan, W C 079091
Bryant, T J 079958
Bryce, H 078623
Bryden, M M 075263
Brzeski, W 076042
Brzezinska, Z 074515
Brzezinska, Z 074516
Brzezinski, J 074199
Bubner, J 078709
Buchala, A J 077878
Buchholz, F 075375
Buchvarova, I 081466
Buck, J 080329
Buck, R 078227
Buck, W B 076107
Buck, W B 079420
Buckee, G K 073860
Buckley, A R 078726
Buckley, S M 080246
Buckner, J S 077999
Buczacki, S T 078905
Budagov, A A 078561
Budanov, V E 079094
Budaviciene, I 081032
Budin, K Z 077231
Budnaia, M V 075134
Budnikov, V A 075151
Budnikova, A V 075409
Budnitskaia, E V 077831
Budriene, S 077301
Budzko, I A 074229
Buenaventura Perello Olivella, D 075773
Buening, G M 075616
Bueno, L 074577
Bueno, L 075085
Buffam, P E 079888

Buffam, P E 079914
Bufton, S F 080244
Bugarcic, V 079488
Bugarcic, V 081397
Bugnowski, H 076035
Buhr, L 079440
Buiatti, P G 075093
Buijtenen, J P van 076413
Builov, S V 073129
Builov, S V 075418
Buishand, T 080811
Buiting, G A J 075200
Bukatar', E B 073084
Bukh, M 072833
Bukhbinder, M A 078802
Bukhbinder, M A 078803
Bukhbinder, M A 078805
Bukhbinder, M A 078806
Bukovac, M J 078125
Bukovcakova, M 077700
Bul'botko, G V 078149
Bul'botko, G V 081182
Bulanda, W 076898
Bulatovic, S 078065
Bulgaria 075655
Bulik, B 076042
Bullen, M R 078324
Bulsink, A 072922
Bulykov, V I 077182
Bunescu, S 079375
Bunter, W A 081736
Bunting, S 078269
Buonassisi, V 073784
Buonassisi, V 074218
Bura, D 076318
Burakauskas, A A 075943
Burch, T A 073083
Burchardt, I 073315
Burckhardt, A 075495
Burczyk, H 081460
Burdick, D 075036
Burdkick, J C 081719
Burdkick, J C 081872
Burdsall, H H 079026
Bures, J 074177
Bures, V 076276
Burfening, P J 074642
Burgat-Sacaze, V 074498
Burger, B V 080323
Burger, W J 075000
Burgerjon, A 079825
Burgerjon, A 080341
Burgess, E E 079852
Burgess, E E 079853
Burgess, J 077877
Burget, S 080775
Burget, S 080966
Burghardt, K 080825
Burgis, D S 078656
Burgstaller, G 075015
Burgstaller, G 075121
Burk, L G 077240
Burkard, G 078130
Burke, J A 073584
Burke, J A 080058
Burke, R 081733
Burke, R P 073264
Burkholder, W E 080650
Burks, B D 080649
Burlacu, G 077893
Burleigh, J G 079707
Burley, J 081345
Burmester, B R 075624
Burnazov, A I 073109
Burnett, H C 078965
Burnett, H C 079451
Burns, E E 074148
Burns, R B 074786
Burns, R E 078974
Burnside, O C 079544
Burnside, O C 079545
Burridge, M J 075710
Burridge, M J 075732
Burridge, M J 075795
Burridge, M J 075843
Burridge, M J 080010
Burrill, R M 080660
Burris, E 080346
Burris, J S 077656
Burroughs, G W 075780
Burrows, C J 079436
Burrows, V D 078330
Bursch, W G 073246
Burschel, P 076365
Burt, O R 081741
Burton, H 073981
Burton, H R 073643
Burton, H R 074164
Burton, R L 079699
Burtt, B L 076665
Burwell, R E 081520
Burwell, R E 081547
Bury, J 081693
Buryska, J 073989
Burz, E L 073413
Burz, E L 074101
Burzlaff, D F 077779
Busch, B 075112
Busch, B 075118
Busch, D A 075252
Buse, R C 073381
Buser, J C 076057
Bush, B M 076075
Bush, L P 077800
Bush, L P 077807
Bush, L P 077808
Buss, E G 075323
Buss, E G 076048
Busse, L 074464
But'ianov, D D 074825
But'ianov, D D 075962
Butaev, B B 072942
Butchbaker, A F 074253
Butenko, T IA 073113
Butikova, L I 073108
Butin, H 076460
Butkus, I 076100
Butkus, V 076611
Butler, E T 072698
Butler, E T 073371
Butler, R 080303
Butler, R 080304
Butler, R 080305
Butler, R D 077025
Butrym-Malczewska, B 075749
Butt, B A 079804
Butterfield, R 073279
Butterfield, W 076914
Buttle, H L 075338
Buttrose, M S 076906
Buttrose, M S 077895
Butz, E L 072647
Buysse, F 075082
Buysse, F X 075080
Buzik, V A 075149
Bykov, V G 081715
Bylterud, A 080116
Bylterud, A 080118
Bylterud, A 081833
Byre, O 072899
Byre, O 072900
Byrne, G F 077631
Byth, D E 078478
Bytschvarova, Z 073366
Bywater, R J 076155
Caballero G de Vinuesa, J I 079428
Caballero G de Vinuesa, J I 079689
Caballero Garcia de Vinuesa, J I 078639
Caballero Garcia de Vinuesa, J I 079691
Caballero Garcia de Vinuesa, J I 079692
Caballero Garcia de Vinuesa, J I 079771
Caballero Garcia de Vinuesa, J I 079781
Caballero Garcia de Vinuesa, J I 079787
Caballero, J 073165
Cabanie, P 076054
Cabella, P 074278
Cabezuelo Perez, P 079770
Cabezuelo Perez, P 079774
Cabezuelo Perez, P 079777
Cabezuelo Perez, P 079778
Cabezuelo Perez, P 079784
Cable, C C 073295
Cadillat, R M 073232
Cadillat, R M 074268
Cadima Zevallos, A 077591
Cafati K, C R 078891
Cage, J M 077143
Caggiano Filho, P 075289
Cahill, W P 080049
Cahun, O 081665
Caia, D 079375
Caillie, J 080663
Cairns, J 081732
Cakebread, S H 073824
Cakebread, S H 073827
Cakrtova, E 080141
Calavan, E C 079156
Calder, J A 077433
Calder, J A 077434
Calderon, M 079934
Calderwood, D L 074135
Calderwood, D L 074137
Calderwood, H W 075542
Caldwell, J L 078853
Calero, R 072918
Calet, C 075076
Calik, T 073882
Calinescu, N 072659
Calkovsky, S 072901
Call, D L 073304
Call, D L 073638
Callin, G 076398
Calnek, B W 075806
Calonge, F D 076805
Calvert, I 080412
Calvez, J 079625
Camalesa, N 075385
Camara, C G 080227
Cameron, C M 075784
Cameron, C W 075239
Cameron, E H D 075258
Camino Cerma, I 079772
Camino Germa, I 076822
Camino Germa, I 078922
Camino Germa, I 078927
Camino Germa, I 078928
Camino Germa, I 079769
Camino Germa, I 079773
Camino Germa, I 079776
Camino Germa, I 079779
Camino Germa, I 079790
Camino Germa, I 079791
Camino Germs, I 079775
Camino.germa, I 077029
Camm, E L 077523
Camm, E L 078021
Cammaerts-Tricot, M C 080327
Camors, F B 079889
Campana, G 073313
Campana, G 078537
Campbell, A I 079180
Campbell, H D 074621
Campbell, J 075650
Campbell, J R 075913
Campbell, J R 076152
Campbell, L M 079907
Campbell, T E 076408
Campbell, W F 079308
Campbell, W H 077354
Campelo, J C F 074418
Campinhos, E 076350
Campos, T A 081047
Camps R, J 075180
Canamas Mendoza, R 079767
Canarache, A 081238
Canard, M 080181
Canavera, D S 076381
Cancellotti, F 075777
Cande, W Z 077881
Canfield, N L 078089
Canizo, J A del 078614
Cannon, J F M 076656
Cannon, J F M 076923
Canovas Martinez, I 078929
Canovas Martinez, I 078930
Canovas Martinez, I 079250
Canovas, I 079785
Cantoni, C 073627
Cantoni, C 074020
Cantoni, C 074021
Caola, G 074505
Capaldi, R A 074554
Capecki, Z 076213
Capolupo, P 079510
Capurso, A 076159
Caracciolo, S 081835
Carbajal, H 081045
Carbo Saguer, J 079789
Carceles Lopez, P 072635
Carde, R T 079807
Cardenas, R 077674
Cardinal, J A 079906
Cardinali, B 073233
Cardini, C E 078160
Cardon, B P 073496
Cardona, R A 079479
Carey, D F 081792
Carico, J E 080591
Carillon, R 080860
Carlaw, J B 076414
Carletti, G 078630
Carley, D H 072852
Carlin, R M 077845
Carlisle, D F 077614
Carlson, C W 074355
Carlson, H C 074781
Carlson, W D 074547
Carlson, W D 074548
Carlsson, L 075007
Carman, G E 080050
Carman, H F 073137
Carman, H F 080814
Carmi, Y 079934
Carmichael, J A 075543
Carmichael, J W 077161
Carmona, P S 078414
Carnes, R A 081773
Caro, J H 077770
Caro, J H 079651
Carolus, R L 078626
Carpenter, J A 073565
Carpenter, J L 075623
Carpenter, Z L 074023
Carr, A B 073554
Carr, T R 074646
Carra, J H 074221
Carraway, K L 074564
Carrera, J M C 079068
Carreras, A de las 073306
Carroll, R B 079334
Carroll, R J 074227
Carroz, R 076386
Carruthers, J F S 076546
Carter, G R 075614
Carter, G R 075904
Carter, H O 081744
Carter, J R 073548
Carter, K 072698
Carter, K 073371
Carter, K L 076086
Carter, M E 075834
Carter, M J 073138
Caruso, J L 077028
Carvalho, S R de 078347
Casada, J H 080800
Casada, J H 080971
Casale, J C 073941
Casals, J 080000
Case, J F 080329
Caselli, R 074360
Caselli, R 074361
Caselli, R 075097
Caselli, R 075105
Cashdollar, P D 081701
Casimir, D J 073737
Casler, G L 072908
Casler, G L 072979
Casler, G L 072986
Casler, G L 081761
Casler, G L 081826
Caspi, E 077497
Cassagnau, P 080437
Casteels, M 075082
Casteli, E 074278
Castell, R 075701
Castillon, M P 080260
Castric-Fey, A 076838
Castro, G A 075677
Caswell, R L 080059
Catalan, R E 080260
Cate, H R ten 080868
Cate, H R ten 080873
Cattabriga, D 078538
Cattabriga, D 080972
Cattolico, R A 077329
Caul, J F 073845
Caumo, B 079133
Cavalcanti, S F 074573
Cavaletto, C G 074277
Cavaye, W M 078726
Cavazza, L 081685
Cave, A 077318
Cave, C F 076942
Cave, M D 080220
Cawthorne, R J G 075720
Ceccanti, B 081003
Ceccon, T 081837
Cecil, H C 075061
Cecil, H C 075325
Cecil, H C 080127
Cecil, H C 080128
Cecil, S R 079598
Cedergren, R J 077325
Celino, M S 078911
Celis P, R 075180
Celuca, H F 074544
Cempirek, B 080967
Cenedella, R J 074737
Centeno, A 078262
Cepelak, J 080479
Cerna, I 073879
Cerna, S 081212
Cernohorsky, V 073880
Cernohorsky, Z 076753
Cerny, J 077152
Cerny, V 078497
Cerny, V 078548
Cerny, V 080207
Cerny, V 080208
Cersovsky, H 073685
Cervelli, S 081003
Ceska, O 077042
Cessi, D 075779
Ceustermans, N 078841
Chacko, E K 077979
Chacko, K 077974
Chacon Ortega, A 078639
Chacon Ortega, A 079771
Chadha, D S 073660
Chadha, D S 080122
Chadha, K L 079217
Chadha, M S 077344
Chadoba, E V 080425
Chadov, B F 080425
Chadwick, R W 074641
Chadwick, R W 080092
Chagas M, E C 075289
Chahal, B S 074196
Chahal, R S 077833
Chahal, S S 076368
Chaikin, M 074048
Chain, E B 077356
Chakrabarti, S M 074225
Chakravarti, S N 081097
Chakravorty, G 081091
Chalifoux, A 076160
Challet, G L 079965
Challice, J S 076748
Chalopin, M C 077547
Chalupa, W V 074744
Chalvignac, M A 081221
Chalyk, T S 077200
Chamberland, E 077712
Chami, A R 078955
Champagne, B 074378
Chan, A 080732
Chan, H T 074277
Chan, W R 077390
Chancellor, W J 072798
Chandel, K P S 076811
Chandel, K P S 076919
Chandra, S 080763
Chandramohan, J 077134
Chandrasekhara, C S 073539
Chandrasekharan Nair, M 078959
Chandrasekharappa, D 081437
Chandrika, S 079663
Chaney, L W 075042
Chang, A C 081813
Chang, C F 075862
Chang, H M 076528
Chang, H M 076538
Chang, H S 072707
Chang, S L 079083
Chang, W C 073069
Chang, W L 079556
Chang, W M 076227
Chang, W M 076416
Chaniotis, B N 080006
Chantran, P 072708
Chapelle, J P 077517
Chaplin, J F 077927
Chaplin, J F 079089
Chapman, F M 078323
Chapman, R J K 081848
Chapuis, Y 075481
Charalambous, G 073891
Charlampowicz, L 074238
Charlton, W A 076912
Charmawardene, M W N 077334
Charpentier, A 081039
Charpentier, A 081040
Charpentier, J C 073893
Charters, M T 076531
Chartier, P 076825
Chatanay, J N 073497
Chatterjee, A K 075635
Chatterjee, A K 079124
Chatterjee, B N 081385
Chatterjee, G N 081094
Chatterji, S K 078226
Chatterji, S K 080386
Chatterji, S M 079718
Chaturvedi, C 078987
Chaturvedi, G C 080120
Chaturvedi, G S 077747
Chaturvedi, G S 081375
Chaudhary, R C 077749
Chauhan, H S 081629
Chauhan, K K S 081593
Chauhan, N S 078362
Chauhan, N S 081628
Chauhan, R S 077009
Chavan, I G 075335
Chavan, P B 076949
Chawla, A S 080885
Chebotarev, I E 075167
Chebotareva, N A 081126
Checa Espana, J 080709
Chekalin, N M 077184
Chela, K S 078473
Chela, K S 078474
Cheliiah, S 079832

Chen, C C 074534
Chen, C T 072755
Chen, C Y 075864
Chen, L C 073677
Chen, L G 079599
Chen, T C 074544
Chen, T M 077354
Cheng, A L S 077927
Cheng, C M 075862
Cheng, R I J 076639
Cheng, Y H 079084
Cheo, P C 078913
Chepelenko, A P 078196
Chepulis, I 076100
Cheremisinov, G A 075398
Cherenkova, E A 074487
Cherenkova, E A 075415
Cherenkova, E A 075422
Cherenkova, E A 075438
Cherepanov, S 073020
Cherkashchenko, I I 075413
Cherkashchenko, I I 075414
Chermette-Mouratille, A 076780
Cherniaev, N G 079493
Cherniaeva, A M 076711
Chernigov, V D 075968
Chernii, V P 075576
Chernikova, L G 074233
Chernyshenko, V A 081514
Chernyshova, G F 078090
Cheshkov, A 072826
Cheshmedzhiev, B V 078515
Cheung, H T 077345
Chevallier, D 077488
Chevelev, S F 075928
Chevelev, S F 075985
Chevrenidi, S Kh 077587
Chevrier, L 075580
Chhabra, H K 079364
Chhonkar, V S 078606
Chiang, F C 076520
Chiba, M 078945
Chiba, M 079795
Chiba, Y 080331
Chicco, C F 074960
Chichester, C O 073800
Chickering, A M 080594
Chieves, E G 076540
Chieves, E G 081858
Chihisa, S 075770
Chikamatsu, H 078026
Chikovani, A Sh 081584
Childers, W R 078282
Childs, R E 075051
Childs, W H 078856
Childs, W H 078857
Chilingarian, A A 078236
Chimania, B P 081386
Chin, W T 080097
Chinarov, I I 073546
Chinarov, I I 074488
Chingova-boiadzhieva, B 078883
Chipley, J R 074541
Chirva, Z F 078086
Chittick, J B 074390
Chiurlis, S K 080801
Chiurlis, T K 074859
Chlopecki, K 078375
Chlumsky, V S J 081000
Chmielewski, W 080450
Cho, B R 075812
Cho, Y 075807
Chobanu, A N 078812
Chochola, J 081472
Chod, J 079159
Chohan, J S 079025
Choi, C L 075651
Choma, D 072641
Chorba, L N 078507
Chou, T L 075864
Choudhuri, J M 077978
Choudhury, S D 072634
Chow, K L 074790
Chow, P N P 079611
Chow, S 076481
Chowdhury, T K D 077975
Chrispeels, M J 077884
Christensen, J V 077970
Christensens, J C 073277
Christenson, D M 079968
Christenson, D M 079973
Christenson, R K 075255
Christianson, D D 078081
Christie, D G 075769
Christie, D W 075258
Christie, D W 075336
Christie, G A 073746
Christodoulou, C 080199
Christov, C 081658
Christov, D 080681
Chroboczek, E 078785
Chrosciel, S 076224
Chroustova, E 075947
Chrtkova-Zertova, A 076670
Chrulkow, G 074002
Chrystall, B B 074036
Chrzanowska, M 079194
Chu, C C 077013
Chu, C H 078532
Chua, N H 076956
Chua, S E 078870
Chub, M P 081305
Chuchmii, I P 077179
Chudnovskii, A F 078570
Chulakov, Sh A 081256
Chuldziian, Kh 077561
Chuldziian, Kh 081191
Chundawat, G S 078368
Chundawat, G S 081382
Church, D C 074861
Churchward, E H 072995
Chursin, V G 080774
Chwalibog, J 075745
Chyla, M 074813
Chyla, M 076169
Ciampi P, L 079116
Ciampi, L 075499
Cicognani, G 074278
Cicotti, M 081236
Cimpersek, M 076366
Cintra, C D A 074888
Ciosinski, A 081462
Ciriacy, M 077406
Ciriacy, M 078969
Cirilli, G 074215
Cirjakovic, M 079325
Cisale, H O 075844
Cisle, J H 074227
Cisneros, F 074567
Ciurlys, T 074858
Ciusa, W 073783
Civiletti, P 074505
Claassens, J W 073975
Claborn, L D 075450
Clagett, C O 075323
Clagett, C O 076048
Clark, A F 078031
Clark, C A 079054
Clark, G W 075742
Clark, H 075906
Clark, R T 073557
Clark, R T 081881
Clark, S A 079347
Clark, W T 076072
Clarke, R H 075192
Clarke, R T 081663
Clary, B L 074084
Clathe, H 081315
Claudius, G R 079056
Claus, H 073862
Claus, R 075243
Clausen, G 078836
Clavel, J C 072784
Clay, B R 076142
Clayton-Jones, D G 076151
Clerc, B 075510
Clerc, B 076051
Clerc, F 075708
Clevenger, T 073550
Clevenger, T S 072967
Cliath, M M 080104
Clifford, C M 080001
Clifford, C M 080572
Clifford, D R 075566
Cline, M G 077862
Cline, M G 078523
Clinton, W 077427
Cloyd, G D 075560
Clyde, W A 076289
Cmarik, G F 075632
Coats, A M 078664
Cobb, A 076901
Cobb, A 078914
Cocco, F De 073574
Cochet, J 080799
Cocosila, A 078468
Cocozza, M 078049
Cocozza, M 078050
Cocozza, M 078731
Codevilla Severo, H 078415
Codrescu, A 079739
Cody, W J 076637
Coetzee, J G K 081133
Coffman, J R 075894
Coffman, J R 076087
Coggiatti, S 078737
Cohen, E H 073988
Coiron, E B 077712
Cokl, A 080205
Cokl, A 080206
Cola, L 079881
Colas, A 074124
Colbran, R C 079382
Colbran, R C 079383
Colclough, J D 081573
Colcombet, G 078254
Cole, D J A 074976
Cole, D J A 075266
Cole, H 079306
Cole, M M 076849
Cole, W E 079890
Colella, G 075581
Coleou, J 073395
Coler, R A 081723
Colglazier, M L 075700
Colibas, I 081238
Colliander, B 073062
Collier, C E 079583
Collier, C W 078849
Collier, C W 078850
Collier, C W 078851
Collier, C W 078852
Collier, C W 078854
Collier, C W 078855
Collier, C W 078856
Collier, C W 078857
Collier, C W 078858
Collier, C W 078859
Collier, C W 078860
Collier, C W 078861
Collier, C W 078862
Collier, C W 078863
Collier, C W 078864
Collier, C W 078865
Collier, C W 078866
Collier, C W 079579
Collier, C W 079580
Collier, C W 079581
Collier, C W 079582
Collier, C W 079584
Collier, C W 079585
Collier, C W 079586
Collier, C W 079587
Collier, C W 079588
Collier, C W 079589
Collier, C W 079590
Collier, S J 080334
Collignon, C 080865
Collins, J W 076536
Collins, R P 076745
Collins, W K 077924
Collins, W K 077930
Collins, W K 078541
Collins, W K 079573
Collins, W K 081508
Collins, W M 075817
Collis, D G 076352
Colmer, A R 073664
Colmer, A R 075813
Colombo, R 078131
Colombo, R 078132
Colon, J A 081073
Colucci, L 078756
Combellas, J 078262
Combier, H 077526
Come, D 077292
Come, D 077843
Come, D 078106
Come, D 078107
Come, D 078143
Comer, S W 080052
Comstock, V E 079484
Con, N H 073921
Conacher, H B S 073572
Conard, E C 077646
Concon, J M 074085
Conill, A F 080916
Coninck, P De 073234
Conley Y, G 074789
Connell, J 081506
Conner, G H 075614
Connin, R V 080298
Connolly, E 073930
Connor, H E 077522
Connor, H E 077851
Conrad, H R 074964
Conrad, P 074006
Conradi, E 076736
Conradie, P J 074029
Cons, J 074644
Consigli, R A 075208
Constantinescu, O 076437
Constantinides, S M 074533
Conti, G G 079203
Conti, M 079204
Convey, E M 074657
Convey, E M 075350
Cook, B J 080311
Cook, C W 074906
Cook, C W 079437
Cook, C W 079438
Cooke, D A 080259
Cooke, F T 078439
Cooke, M P 080436
Coolman, F 080810
Coons, L B 079925
Coop, R L 075711
Coop, R L 075712
Coop, R L 075713
Cooper, A W 078020
Cooper, H B H 081854
Cooper, J E 075567
Cooper, J P 077763
Cooper, K J 074976
Cooper, K J 075266
Cooper, K W 080391
Cooper, R N 074034
Copeland, R D 078650
Copeman, A G 079907
Copikova, J 074175
Coppedge, J R 079706
Coppock, S 079362
Coppola, S 079117
Coral, F J 077591
Corbel, J C 080157
Corbella, E 076016
Corbet, S A 080412
Corbett, A C 075817
Corbett, K 077356
Corboz, L 075854
Cordes, D O 075834
Coremans-Pelseneer, J 075671
Corina, D L 077459
Cormier, P L 081864
Cormoreche, P 073455
Cornelisse, J L 075915
Cornelius, C E 075999
Cornell, J F 080233
Corner, E J H 076929
Cornforth, D P 073990
Cornforth, D P 073991
Cornforth, D P 074587
Cornish, P M 081227
Cornoiu, I 077917
Cornoiu, I 077918
Cornuz, L 079384
Cornwell, R L 075914
Correa, R G C 077505
Corridoni, L 081259
Corrieu, G 079625
Corrivault, G W 075301
Corsalini, T 073692
Corsalini, T 075882
Cortex, O da M 073445
Cortez, O da M 078877
Corty, F L 072759
Cosciani, C 072844
Cosevska, O 081666
Cosevski, B 081666
Costa, A M da 077819
Costa, C 080420
Costa, J G C da 077027
Costache, D 078466
Costache, N 080942
Costema, P 075907
Costerton, J W 076915
Costes, C 077491
Cottam, G 078200
Cotter, P F 075817
Cotter, S M 075623
Cottereau, P 076144
Cotterill, O J 073663
Cotton, M L 077381
Cottyn, B G 075080
Couch, J R 073749
Couch, J R 074919
Couillault, J 076988
Couillault, J 077493
Coulman, B E 077711
Coulombe, L J 079536
Coulon, D J 075498
Coupe, J D 076285
Courter, J W 078682
Courtois, H 078968
Coussio, J D 076686
Coutinho dos Santos, M 072802
Coutinho, M P 077072
Cowan, J R 078380
Coward, N 072916
Cox, D F 074643
Cox, E L 077864
Cox, J 072917
Cox, J E 075569
Cox, J I 078829
Cox, J L 080133
Cox, M R 077440
Cox, N A 073664
Cox, N A 075813
Crabo, B 075280
Crabtree, G 079528
Crabtree, G 079529
Crabtree, G 079530
Crabtree, J R 073070
Craddock, G R 077673
Craig, G O 078993
Cramer, D A 073990
Cramer, D A 073991
Cramer, D A 074587
Cramer, D A 074588
Crandall, L 079063
Crane, J L 076895
Crans, W J 080004
Cranston, P M 073614
Cravioto, J 073804
Crawford, D E 073083
Creel, B J 072968
Crescimanno, F G 078735
Crespo Albelda, J A 073155
Crespo-Ascenso, J 077073
Crete, R 079053
Criddle, R S 077858
Criley, R A 078728
Crill, P 078656
Cristensen, H A 079984
Crittenden,l B 074747
Crittenden,l B 075811
Crkva, F 072870
Croft, B A 079806
Croft, P G 076080
Croft, P G 076153
Croker, T C 076176
Cronberg, G 076872
Crook, F W 072965
Cropp, G J A 081811
Cros, J 077526
Cross, B E 077601
Cross, D L 074653
Crossley, J R 079202
Crosswhite, W M 073555
Crosswhite, W M 081880
Crow, F R 081564
Crowden, R K 078202
Crowden, R K 079884
Crowe, J H 080227
Crowe, M W 076127
Crowe, M W 076128
Crowe, M W 077799
Crowe, M W 077802
Crowle, W L 078379
Crowley, J W 074941
Crowley, J W 080693
Crown, P H 072627
Crown, P H 076239
Crowson, R A 080618
Croxatto, H B 074668
Croy, L I 076142
Cruger, G 079815
Crumrine, M H 075630
Crutchfield, J 074169
Cruz Roche, P 073161
Cruz-Landim, C Da 080418
Csapo, Z 074876
Csizmadia, E 072866
Csupka, S 073589
Csupka, S 074569
Cuca G, M 074872
Cuca G, M 075086
Cuca G, M 075087
Cueva, C de la 073164
Culberson, C F 076775
Culberson, W L 076775
Cultterbuck, V J 077847
Cumakov, A 081197
Cummings, J N 074655
Cummings, R J 077456
Cummins, D G 074083
Cummins, J C 072907
Cummins, J C 078764
Cummins, W R 077885
Cunha, P G da 074889
Cunningham, F E 074073
Cunningham, I C 079741
Cunningham, J M M 074479
Cunningham, M P 075710
Cunningham, M P 075732
Cunningham, M P 075795
Cunningham, M P 080010
Cunningham, R L 073912
Cupera, Z 075955
Cuperlovic, K 075842
Cuperus, F 073655
Cupka, V 074438
Cupp, E W 079636
Cuppett, S 076138
Cure, V 080500
Curl, H 077482
Currie, P O 077671
Curtis, C F 080264
Curtis, S E 074647
Curvelo Garcia, A S 074298
Cus, M 080074
Cussans, G W 079430

Cusset, C 072781
Cusset, G 076989
Cusset, G 077291
Custodio, R W S 075316
Cuthbertson, D P 073755
Cutkomp, L K 080331
Cuykendall, C H 072908
Cvetkovic, D 078070
Cvetkovic, D 078739
Cybulski, J 081445
Cybura, A 072882
Cygan, Z 075802
Cynader, M 074693
Cysewski, S J 075622
Czajkowska, B 079942
Czajnik, M 076568
Czarnecka, M 074514
Czembor, H J 077095
Czereyski, K 076310
Czerwiakowska, B 078462
Czerwiakowska, B 081471
Czuba, R 081443
D'Ambrosio, G 075987
D'Aubert, S 073592
D'costa, M A 080226
D'Cruz, R 077154
D'Cruz, R 077155
D'Cruz, R 077156
D'Cruz, R 077158
D'Cruz, R 077159
D'erfi, B 077683
d'Mello, J P F 074977
Daalen, J J van 079642
Dabrowska, B 079867
Dabrowski, Z T 079867
Dabrowski, Z T 079875
Dabrowski, Z T 079876
Daciulyte, J 077300
Dadasheva, S IU 077677
Dadasheva, S IU 077719
Dadasheva, Sh G 076887
Daddi, L 081105
Dadic, M 073890
Daerr, H 075487
Dagan, A 078162
Dagan, A 081478
Daghetta, A 074406
Dagnelie, P 078630
Dahle, H K 079936
Dahle, L 074339
Dahlman, D L 080321
Dahm, K 072682
Daigger, L A 078476
Daigliesh, C E 073817
Dailey, R T 080745
Dajoz, R 080501
Dal Vesco, G 076267
Dalal, V B 078889
Dalaly, B K 073939
Dale, D 079663
Dale, J 074412
Dalens, H 080439
Dalfelt, A 081834
Dalgleish, J M 080259
Dalla Torre, G 073521
Dalla Torre, G 073626
Dalla Torre, G 073629
Dallari, F A 080974
Dalleinne, M E 080861
Dalleinne, M E 080862
Daly, J W 077330
Daly, P 077016
Daly, P 077017
Daly, P 078896
Daly, P 079119
Daly, P 079120
Dam, B van 073172
Dame, 078977
Damiano, A 079010
Damiano, A 079013
Damiano, A 079333
Damisch, W 077717
Damisch, W 078304
Damoiseau, R 080612
Damron, B L 075047
Dan, J 081204
Dandonneau, Y 076862
Daneau, J 079842
Daniel, D J 077546
Daniel, J 072805
Daniel, P 081488
Danielescu, N 076055
Danielson, R E 081612
Danielsson, B 076795
Danilenko, I A 074830
Danilenko, I A 075143
Danin, A 076663
Danneberg, W 078678
Dao, F D 079353
Daraseliia, M K 081583
Darby, G 079177
Dardzhimanov, A R 081183
Dargie, J D 075732
Dargie, J D 080010
Darie, V 078188
Darkanbaev, T B 077678
Darovskikh, V E 074840
Darwazeh, H A 079966
Darwazeh, H A 079967
Das Gupta, P R 077652
Das, H K 077752
Das, N 078118
Daschdondow, H 073462
Daskaloff, S 080274
Daskolova, A 076019
Daskolova, A 076119
Dassler, H G 079397
Datta, A K 077751
Datta, N P 081074
Datta, P 078602
Dauzov, M D 073983
Dauzov, M D 075170
Davenport, D C 078042
Davey, C L 074035
Davey, J W F 073838
Davey, R J 075384
David, C 074780
David, E J L 072761
David, J 080190
Davidovicova, E 073882
Davidson, A 079753
Davidson, K R 075646
Davies, G R 081441
Davies, M E 077350
Davies, M S 077764
Davies, M S 077765
Davies, P J 078094
Davies, R J 081859
Davies, V H 077440
Davies, Y 075036
Davis, B H 073664
Davis, B H 075813
Davis, B N K 080300
Davis, C H 077661
Davis, D L 074169
Davis, D L 077132
Davis, D L 077800
Davis, D L 077803
Davis, D L 077807
Davis, D L 077810
Davis, F S 079593
Davis, G G 074906
Davis, G G 078290
Davis, G G 078291
Davis, G G 079437
Davis, G G 079438
Davis, J F 081395
Davis, K P 072778
Davis, L E 074783
Davis, N D 077322
Davis, P L 074281
Davis, P R 081603
Davis, R G 079144
Davis, S 081606
Davliatshin, I D 081246
Davliatshin, I D 081247
Davoust, P 079225
Davoust, P 079264
Davtian, V A 078543
Dawassuren, T 079302
Dawes, M 073732
Dawidar, A M 078117
Dawood, A S 077135
Dawson, C O 075731
Dawson, F L M 075389
Dawson, L E 074070
Dawson, L E 074075
Dawson, M D 078457
Dawson, O 078659
Dawson, R 078397
Day, A D 077771
Day, A D 081394
Day, A D 081548
Day, B N 075255
Day, E J 075046
Day, J C 081754
Day, K M 078358
Dayalu, K 075768
Dayanand, 073400
Dayton, A D 077013
De Bund, C F Van 080448
De Chaneet, G 075642
De Datta, S K 077648
De Fabritiis, C 073253
De Franciscis, G 075176
De Jong, J 078493
De La Cruz, R A 074212
De Lange, J H 078076
De Lange, J H 078077
De Nollin, S 075717
De Sante, D M 074555
De Sila, S H C 081653
De Villiers, J M 081132
De Villiers, O T 078078
De Vrie, M Van 079870
De Wet, P J 075000
Deacon, J W 079078
Deacon, J W 081219
Dean, G W 081744
Dean, J C 080129
Dean, J C 081476
Dean, J L 079196
DeAngelis, M 075461
Dear, M G 075536
Deaton, J W 074439
Deaton, J W 074722
Deaton, J W 074755
DeBach, P 080563
DeBach, P 079819
Debatisse, M 072687
Debelyi, G A 078513
Debnath, N C 081093
Debnath, N C 081376
DeBoo, R F 079907
Debowski, S 078882
Debray, M 077530
DeBrunner, L E 076342
Deckar, A B 077157
Decou, V G 080477
Decowski, M 074702
Decuypere, J 074846
Dedeckova-Salova, J 074759
Dedek, L 075955
Dedov, M D 075410
Dee, J 077078
Dee, N 081742
Deeb, E 073279
Deethardt, D 073777
Deev, V I 081254
Degtiarenko, G G 076985
Degtiarenko, G G 077956
Degtiarenko, G G 081515
Degtiarev, V P 074849
Deianova, S A 081171
Deist, J 077451
Deist, J 078075
Dejmek, M 076279
DeKock, P C 077479
Del Campo, C H 075449
Del Grosso, F 076690
Del Porto Santos, F 079742
Dela Fuente, R K 077855
Delatour, 076131
Delatour, P 075490
Delattre, R 079162
Delattre, R 079695
Delaveau, P 077318
Delgado Martin, J 079691
Delgado Martin, J 079692
Delgado, M 081048
DeLicardie, E R 073804
Dellen, W R 080333
Delmas, J 078618
Delmont, J 075478
Delorme, A 076456
Delpin, H 079617
Deltgen, F 079468
Dem'ianova, V 072740
Dem'ianova, V 072744
Demain, A L 077321
Demeritt, M E 076227
Demeritt, M E 076416
Demets, Y 080623
Demidov, V V 073123
Demkin, A P 078506
Demott, B J 073312
Dempster, J P 079648
Demura, K 073242
Dencescu, S 078467
Dengler, K 079897
Denis, C 080423
Denison, W C 076871
Denisov, N A 075347
Denisov, N I 074372
Denisov, N I 075150
Denisova, E V 077211
Denksov, N I 075149
Denman, C E 078488
Denmead, C F 081824
Denninger, C 079762
Dennis, R P 081728
Denny, H R 075535
Denoel, A 077524
Denoel, A 077552
Dent, J 075250
Dent, R G 073577
Dentzer, M T 072665
Deobald, H J 074141
Deokar, A B 077154
Deokar, A B 077156
Deppenmeier, E 079455
Derbyshire, J B 075840
Derevici, A 080688
Deriagin, G V 077024
Dermanis, P 081499
Dermott, W 081157
Desai, A K 079930
Desai, K B 079475
Desale, S C 077156
Desaulniers, R 079895
Descamps, M 080158
Deschanel, J P 075490
Descoings, B 076814
Descours, J 080680
Deshmukh, K S 074632
Desiderio, E 077187
Desikachary, T V 076938
Desmettre, P 075846
Desmidts, M 079163
Desmidts, M 079696
Desmoulieres, A 072862
Desroches, R 078307
Desrosieres, R 076863
Destrebecq, J 079445
DeSweemer, C 073795
Detchev, G 077342
Deterling, D 079945
Dethier, B E 078089
Detroux, L 079477
Deutrich, V 075494
Deutsch, S 075550
Deutschmann, G 077057
Dev, I 076484
Devadas, R P 073753
Devaraj, R 081140
Deviatkin, A I 075163
Devilat B, J 075180
Devin, K P 080794
Devol, J E 079446
Devol, J E 080242
DeVos, A J 075696
Devuyst, A 074155
Dewan, R L 0816?4
Dewey, J E 080240
Dewey, J E 081789
Dey-Hazra, A 075983
Deyl, M 076640
Deysson, G 076897
Dhar, K L 077559
Dhillon, S S 075820
Dhindsa, D S 074660
Dhongade, M P 073298
Dhooria, M S 079717
Di Castro, M 080195
Di Cesare, L U 078166
Di Ciolo, S 080798
Di Ciolo, S 080974
Di Cocco, E 073527
Di Lella, T 075176
Di Martino, A 076840
Di Menna, M E 075834
Di Rocco, M J 075844
Di Silverstro, C 081835
Di Silvestro, C 073657
Diarra, N 077291
Diaz Castro, G 079680
Diaz Delgado, D 073872
Diaz, A 078270
Dickerson, O J 079314
Dickerson, R W 073949
Dickey, J F 074649
Dickinson, D B 077864
Dickinson, H G 078155
Dickinson, T E 072775
Dickinson, T E 073338
Dickson, M H 074204
Didier, A 073773
Didier, A 073775
Diehl, J F 073909
Diehn, B 077286
Diener, U L 077322
Dieperink, H W E 073427
Dieperink, H W E 073834
Diercks, R 079339
Diesperov, V S 072974
Dieter, B 073064
Dieterich, H F 075565
Dietl, W 078350
Dietrich, H 074463
Dietrich, K R 081884
Dietrich, R 081617
Dietrichs, H H 076477
Dietrick, E J 079959
Dietz, A 080660
Dietz, D R 078396
Dietz, P 076454
Diffidenti, G A 075859
Dijk, T S van 080374
Dike, G 073485
Dikii, N T 074056
Dillman, R C 076014
Dilworth, B C 075046
Dimchev, T 080124
Dimitrieva, L 077342
Dimitrov, D 077124
Dimitrov, D A 078483
Dimitrov, N 075723
Dimitrov, S 078791
Dimitrovski, T 078070
Dimitrovski, T 078739
Dimitrowskaja, W 074002
Dimond, J B 079901
Dimova, O 077342
Dina, S J 077775
Dingeldein, W 075683
Dingwall, J S 076003
Dini, D 073254
Dinkel, C A 075252
Dinoor, A 078946
Dinoor, A 078953
Dionigi, A 077128
Dionigi, A 078389
DiOrio, L P 074970
Dirksen, G 076068
Dirlbek, J 079749
Disheva, N 072859
Disney, R H L 080409
Ditchburne, N 078221
Ditton, R B 081878
Dittrich, P 077354
Dittrich, V 080453
Ditu, D 077187
Diusembin, Kh D 074530
DiVincenzo, G D 073637
Dixon, A 073973
Dixon, A 073974
Dixon, R T 074547
Dixon, R T 074548
Dixon, S N 075719
Djakoff, L 076019
Djakoff, L 076119
Djelepov, K 077260
Djordjevic, B 081851
Dlouby, W 073274
Dlugiewicz-Bulla, M 075591
Dmitrashko, P I 077463
Dmitrieva, G S 073058
Doak, R L 075689
Doane, W M 073810
Dobbing, J 073771
Dobbs, T L 081720
Dobbs, T L 081757
Dobbs, T L 073140
Dobbs, T L 081759
Dobias, J 077369
Dobias, J 080060
Dobin, M A 075764
Dobin, M A 075939
Dobler, K 080913
Dobrenz, A K 077776
Dobrivoje, O 078073
Dobrovodsky, J 079400
Dobson, H 075185
Dobson, H 075270
Dobson, J W 076022
Doch, G 073829
Dodd, F H 075982
Dodge, B H 081734
Dodson, J R 076752
Dodukalo, T A 072962
Doerger, J U 081773
Doersch, R E 079213
Doggett, H 078306
Dohler, G 077336
Dohne, E 080907
Doig, M T 079447
Dokuzoguz, M 077004
Dolejskova, J 081199
Dolgoshei, G 072828
Dolidze, V A 081005
Dollear, F G 077760
Dolobova, N G 074801
Domanski, E 074637
Domanski, J J 080139
Domenico, P A 081749
Dominguez Dominguez, A 079691
Dominguez Dominguez, A 079692
Dominick, C B 079748
Dominik, J 076562
Dominik, J 079916
Dominione, C 078494
Dominione, C 078495
Domkus, V 075603
Domkus, V 075989
Domkus, V S 075608
Domshlak, M G 075354
Donaldson, W E 076047
Donay, F 074625

Done, J T 076096
Donk, M A 076698
Donk, M A 076699
Donnelly, D M X 077504
Donnelly, E D 079283
Donoso, J 078993
Donselaar, J van 076598
Donselaar, J van 076835
Donskikh, I N 081008
Doran, L 081557
Doree, M 077496
Doree, M 078224
Dorner, E 075360
Dornhoff, G M 078441
Dorofeeva, N 073020
Doroshina, M V 073694
Dorough, H W 073645
Dorough, H W 079479
Dorough, H W 080108
Dorset, C 078660
Dorsett, J H 072684
Dorson, J W 074555
Doschanov, K I 077730
Doskotch, R W 078226
Doskotch, R W 080386
Doss, B D 077660
Dostal, A 081282
Dostal, J 075274
Dostrasil, M 081281
Douglas, D 079424
Douglass, S A 077858
Douna, M H 074879
Dovadola, E 075777
Doval'skii, V V 076070
Dovring, F 073051
Dovring, F 073059
Dow, A I 081519
Dowding, E A 080958
Dowler, C C 079598
Downes, R G 081717
Downey, R J 077349
Downhower, J F 080175
Doxey, D L 075538
Doy, C H 077692
Doyle, J E 072911
Doyle, P 077729
Draevoi, S Y 077205
Dragavtsev, V A 077194
Drager, M 081536
Draghici, G 075758
Draghici, O 075758
Dragland, S 078714
Dragoev, P 075094
Dragomir, C 078464
Dragoni, I 073627
Dragoni, I 074020
Dragt, C L 074644
Dransfield, J 076681
Draper, R E 073580
Draslar, K 080313
Draxler, I 076723
Draycott, A P 079251
Drazan, J 075955
Drea, J J 079808
Dreeszen, V H 081673
Dreier, A F 078441
Dreizin, R S 075598
Drenth, A v 080768
Drenth, A van 080767
Dressler, R L 076740
Dressler, R L 076800
Drews, E 074114
Drews, E 074121
Drews, E 081363
Drobny, N 081742
Droese, N 075186
Droese, N 075188
Drolshagen, R 075122
Dror, Y 075053
Drozdenko, N P 074367
Drozdenko, V P 074838
Drozdzynska, M 075796
Drozdzynska, M 075801
Druijff, A H 079521
Drummond, A J 075569
Drury, C 073243
Druzhinin, N I 081713
Dryden, R D 079611
Drzas, E 077755
Drzas, E 077756
Drzewiecki, K 074513
Du Pisani, A L 077811
Du Plessis, J L 075786
Du Plessis, S F 081130
Du T. Burger, R 081130
Du T. Burger, R 081134
Du Toit, F P 074202
Du Toit, I J 075781
Du Toit, J J 079006
Du, D 073887
Dua, H S 077420
Duarte G, A 078796
Dubernard, J 077716
Dubey, J P 075628
Dubinina, L G 077219
Dubinina, L G 077225
Dubko, P 073143
Duble, R L 078835
Duck, B N 077238
Duck, B N 079085
Duda, C T 079208
Duda, G G 081300
Dudin, S IA 074486
Dudley, N J 081741
Dudman, N P B 074621
Dudnik, I G 075405
Dudnitskii, I A 075972
Due, J M 073245
Duffus, J H 077402
Duft, K D 073138
Dufty, J H 075191
Dugan, L R 073583
Dugan, L R 080055
Dugas, S 075621
Dujardin, F 080546
Dujardin, M 079434
Duka, L V 078193
Duke, K 081742
Dukhin, I P 074833
Dukhin, I P 075152
Dullemen, E van 080952
Dulvara, E 081236
Dumas, T 073633
Dumas, T 080094
Dumbleton, L J 080578
Dumbroff, E B 078020
Dunavant, B G 074960
Duncan, C J 080222
Duncan, E G 076995
Duncan, J L 075913
Duncan, M J 077414
Dunckelman, P H 077237
Dunford, H B 077381
Dungerdorzh, D 077386
Dunham, L L 080368
Duniec, H 075284
Dunin, M S 079094
Dunlop, W R 075817
Dunn, C 073588
Dunne, H W 075620
Dunskii, V F 080898
Dunstone, R L 077689
Duong, T B 074025
Dupaigne, P 073847
Dupaigne, P 074267
Duperrex, A 078797
Dupias, G 076809
Dupont, J A 073585
Dupont, J A 074255
Duque Macias, Francisco 081224
Durairaj, K 073724
Durdevic, B 078069
Durdevic, B 078741
Durdevic, B 081397
Dureau, G 075479
Durecko, J 074527
Dureseau, L 079808
Duret, F 075845
Duris, J 076491
Durkee, A B 076746
Durr, H 073906
Durre, F 076313
Dursun-Grom, K 077477
Dushkin, A 072814
Duspiva, F 080445
Duthoit, J L 080185
Dutt, A K 077745
Dutton, G G S 076525
Dutton, R L 075804
Dutz, W 076064
Duviard, D 080228
Duviard, D 080229
Dvorak, F 076742
Dvorak, J 077711
Dvorak, M 076104
Dvornikova, L L 081136
Dvornin, A V 078802
Dvornin, A V 078807
Dwenandez, L M 078158
Dwivedi, R S 076810
Dyck, P L 077036
Dyck, P L 077043
Dyck, P L 078943
Dyck, P L 078944
Dyeer, A F 076965
Dyk, V 075447
Dymina, G P 075985
Dymsza, H A 074533
Dzerzhinskii, V A 079946
Dzhabrailov, Sh A 073379
Dzhafarova, V A 081406
Dzhalankuzov, T 081253
Dzhanadilov, M B 072945
Dzhanavekov, K 074531
Dzhaparidze, T G 073129
Dzhibilov, I I 075924
Dzhingov, A 081592
Dzhivanyan, K A 075517
Dzhmukhadze, N F 080269
Dziuba, N F 074473
Dziuba, N F 075415
Dziuba, V 072815
Eade, R A 076431
Eade, R A 078203
Eade, R A 078204
Earl, J W 078002
Earle, M 073980
Earles, J M 076334
Early, M P 079267
Early, M P 079697
Easashi, Y 078103
Eastin, E F 079561
Eastin, E F 079562
Eastin, E F 079563
Eastin, E F 079564
Eastin, E F 079565
Eastin, E F 079566
Eastin, E F 079567
Eastin, E F 079568
Eastin, E F 079569
Eastin, E F 079570
Eastin, E F 079571
Easton, E R 080001
Easton, E R 080008
Ebbersten, S 079505
Ebenbauer, F 075231
Ebendorf, W 074460
Eberhard, K 075525
Eberhart, S A 073390
Ebert, D 078309
Ebert, D 078316
Ebert, J 081745
Ebert, K 081338
Ebert, K 081340
Ebert, K 081347
Eccher, A 076844
Echavarren, A 075308
Eckardt, H 075189
Eckel, D K 072991
Eckenrode, C J 079846
Eckersdorf, B 074512
Eckert, R C 076538
Eckert, R E 078394
Eckert, W 075113
Ecobichon, D J 074578
Edds, G T 075625
Eddy, R 078004
Edgar, S A 075807
Edgerly, C G M 076092
Edison, S 079341
Edler, D 073036
Edmondson, J R 076662
Edwards, C A 080079
Edwards, C A 081079
Edwards, G 073707
Edwards, G B 074870
Edwards, G B 075569
Edwards, G B 076157
Edwards, J 073559
Edwards, L H 078490
Edwards, N L 081877
Edwards, P J 078403
Edwards, P J 079502
Edwards, P J 081420
Edwards, R L 080757
Eeckhout, W 075082
Efendiev, S 073924
Efremova, T V 081296
Egelrud, T 073929
Egerton, J R 075641
Eggum, B O 077933
Egiazarian, A G 078008
Eglinton, G 077509
Egorshin, A A 081300
Eguchi, G 074694
Eguchi, K 078280
Ehlich, M 080844
Ehrendorfer, F 076961
Ehrensperger, F 075855
Ehrhart, L A 076058
Ehrich, R L 073342
Ehrler, W L 077650
Eich, 075505
Eich, K O 075529
Eiche, A 080277
Eichelbaum, E 078310
Eichhorn, H 080705
Eichhorn, H 080707
Eichhorn, S E 079740
Eid, K 074279
Eidrigevich, E V 075386
Eidson, C S 075816
Eidus, L Kh 077203
Eijk, G W van 077400
Einarsson, S 075182
Einarsson, S 075262
Einset, J 078765
Eisele, K 078430
Eisenreich, L 073960
Eith, A 073051
Eitminavicuite, I 080164
Eitminavicuite, I 081026
Ekberg, A 081357
Ekhaugen, K 073237
Eksteen, P A L 075782
El Baya, A W 074123
El Halfawi, M 081220
El Halfawi, M 081221
El-Gayar, F H 077750
El-Gayar, F H 079715
El-Lakany, S 075060
El-Refai, A R 077962
El-Refai, A R 080151
El-Saadany, G B 079756
El-Sayed, A M K 080153
El-Sayed, A M K 080692
El-Sharaby, A F 079755
El-Zeftawi, B M 074264
Elangovan, V 081137
Elbadry, E A 080447
Elbanowska, A 073855
Eldin, S M B 074207
Eldridge, B F 079969
Elefterescu, V 077919
Elentukh, M E 077190
Elias, P 076821
Eling, H W M 081782
Elinn, J C 081754
Eliot, J N 080543
Eller, R 081822
Ellers, J C 074744
Elliot, J G 073565
Elliot, J M 079316
Elliot, J M 080110
Elliott, F C 079560
Elliott, R C 075088
Elliott, R C 075089
Elliott, R C 075090
Elliott, R E W 075524
Elliott, R E W 075530
Ellis, B E 077848
Ellis, J 078203
Ellis, R J 078006
Elovsson, B 074944
Elsaesser, F 075444
Else, R W 076081
Elsey, K D 079705
Elsley, F W H 074977
Elsley, F W H 074978
Elsrud, W 076210
Elwinger, K 074923
Ely, D G 074916
Emal, J G 077646
Embertsen, S 076319
Emel'ianenko, P A 075577
Emel'ianov, A S 075160
Emery, R S 074657
Emery, T 077347
Emica-Moisescu, D 079737
Empig, L T 079080
Emrick, V R 075627
Enchev, S 075884
Ende, H van den 077337
Endean, F 076354
Ender, M L 075175
Endo, H 076471
Endrodi, J 073831
Enery, L 077347
Engdal, T 073302
Engegard, G 076577
Engel, R R 075994
Engelbrecht, G 073262
Engelhardt, E 076303
Engelhardt, E 076304
England, C B 081269
Engstrom, C 075102
Enigk, K 075983
Enomoto, M 077320
Ensor, P D 080057
Ensor, P D 081054
Ensor, P D J 080101
Enyingi, H 077116
Enzie, F D 075700
Epifanov, G V 074487
Epifanov, G V 074992
Epifanov, G V 075415
Epitov, E M 075132
Epley, R 073768
Epley, R 073769
Epley, R J 073651
Epp, F 073919
Epstein, A H 078733
Epstein, A H 078990
Epstein, B 075921
Epstein, E 077985
Erami, A 081528
Eremeev, M N 075940
Eremin, G V 077245
Eremin, IU P 075601
Erickson, B 072929
Erickson, B 073310
Erickson, L E 081735
Ericsson, N A 081572
Eriksen, E N 078104
Eriksson, G 076367
Eriksson, I 073042
Erismann, K H 077401
Ermolaev, N V 081404
Ernazarov, A E 077678
Ernst, E 075381
Ernst, L K 072978
Ernst, L K 074474
Ernst, L K 074489
Ernst, L K 074833
Ernst, L K 075408
Ernst, L K 075410
Ernst, L K 075420
Ernst, P 075017
Ernst, P 081434
Ernst, S E 079999
Erokhin, A I 075418
Erokhina, E A 073129
Eronova, A L 081491
Eroshin, V A 075873
Erturk, A 073348
Erwin, W 073396
Esaki, S 077736
Esaki, S 077737
Eschle, J L 079988
Eschle, J L 080241
Eschrich, W 079740
Escobar R, G 076741
Escobar, A 074450
Escudero, S H 075519
Esenbaev, K 081267
Eshel, A 077842
Eshmuratov, T E 081517
Esin, A I 072953
Esipova, A A 073335
Eslick, R F 077653
Eslyn, W E 076526
Esmat, A 080532
Esmay, M L 072797
Esmond, A W G 073837
Esnault, C 075265
Espanol, F 080643
Espanol, F 080644
Esparza, H 075393
Espinasse, J 076054
Espinet, G R 072918
Esposito, C R 074221
Esquerre-Tugaye, M T 078908
Essex, M 075623
Esteban, E 081043
Estesen, B J 080049
Estevez Garcia, L A 075515
Estrela, P N A 078414
Et Al 078280
Etcheverigaray, M E 075921
Ethridge, M D 073343
Etienne, J 079147
Etienne, J 079682
Etkin, IA S 074486
Ettala, T 074925
Ettema, F D 073171
Eupen, O van 080201
Euw, J v 077415
Euw, J von 079845
Euw, J von 080416
Euzeby, J 075741
Evans, D G 080026
Evans, D G 080422
Evans, H C 078954
Evans, H E 080270
Evans, H J 077654
Evans, I R 079045
Evans, I R 079046
Evans, L T 077689
Evans, L V 076972
Evdokimov, S M 076165
Even-Chen, Z 078124
Evenhuis, H H 079800
Everett, R W 075256
Evert, R F 079740
Evetts, L L 079544
Evi, S 080941
Evstifeev, IU G 081252
Evstifeev, IU G 081258
Ewalt, R E 081527
Ewan, J 076595
Ewart, J A D 074162
Ewer, T K 075388

Ewert, A 080007
Ewing, G O 075459
Exley, D 075270
Exworth, C P 077350
Eye, J D 073808
Eyer, D 077365
Eyles, A C 080577
Eyndhoven, G L Van 080451
Eyndhoven, G L Van 080452
Eyre, D R 074559
Eysel, K 073481
Eysel, K 081817
Eyuboglu, A C 074205
Ezell, D O 078657
Ezold, B 072875
Fabbri, L 079509
Fabbri, L 079511
Faber, J L 074957
Fabian, L W 075545
Fabiani, F 075084
Fabregas Sole, S 079789
Fabry, A 077890
Fackelman, G E 076162
Faddoul, J 076998
Fadeeva, I I 077388
Faenza, V 074926
Fahey, D J 076521
Fahmy, Y A 076482
Fahringer, D 081742
Fahy, P C 078917
Faidley, L W 072797
Fair, N J 074999
Fairchild, D 072685
Fairon-Demaret, M 076692
Faivishevskii, M L 075136
Faizov, K Sh 081244
Fakami, J 079893
Falagiani, P 075672
Falco, G de 073501
Falco, G de 080134
Falcon, L A 079753
Falcoz, 076131
Falkowski, M 077902
Falkowski, M 077903
Fan, L T 081735
Fang, S C 080048
Fanta, B 076199
Fantozzi, A 072844
Faparusi, S I 077403
Faravelli, G 075673
Farbiszewski, R 073705
Farias, I 075083
Farina, M P W 081419
Farkas, G L 077868
Farkasdi, G 081315
Farkhondeh, A 073669
Farkhondeh, A 075848
Farley, R F 079251
Farlin, S D 072845
Farlin, S D 074922
Farmer, R E 076415
Farooq, T 079345
Faroque Ahamed, N 081140
Farris, J R 079703
Fasco, M J 077330
Fassbender, C A 073581
Fassler, R 074329
Fassler, R 080719
Fast, A W 081746
Fatta Del Bosco, G 078735
Faugeras, G 077529
Faulstich, H 077438
Fauvel, G 079673
Favali, M A 079203
Favre-Bonvin, J 077520
Fawcett, A A 074698
Fay, P 077333
Fazalnoor, K 078986
Fazio, F M 073971
Fazio, F M 076387
Fearheller, S H 073985
Feast, P M 079482
Feaster, J P 074960
Featherston, W R 075064
Featherston, W R 075065
Fechheimer, N S 074736
Feddersen, H D 073508
Fedin, M A 077244
Fedorenko, V I 075401
Fedorov, A A 076593
Fedorov, V G 073997
Fedorov, V I 074367
Fedorov, V S 077199
Fedorova, G P 081568
Fedorova, I V 077196
Fedorova, L N 073700
Fedorova, M N 081885
Fedoseenko, V M 075601
Fehrmann, H 079021
Feigin, A 078162
Feigin, A 081478
Feilinger, H 078279
Feilinger, H 081321
Feinstein, G 077362
Feist, H 076032
Feist, W C 076537
Feist, W C 076539
Feist, W C 079141
Fejer, S O 077039
Fel'dshtein, M A 074837
Feldheim, W 073763
Feldman, M 078335
Feldman, S E 074629
Felicini, G P 077425
Fellion, E 077317
Fels, P 079641
Fendt, F 073176
Feng, K A 078123
Fenton, E 074785
Fenwick, L 081216
Fenwick, P D 081875
Feofilova, E P 077455
Feoli, E 076841
Fer, F 076226
Fer, F 078244
Ferakova, V 076618
Ferakova, V 076755
Ferakova, V 076907
Ferda , J 076280
Ferda, J 081064
Ferguson, A H 077644
Ferguson, D 073346
Ferguson, D L 075821
Ferguson, H 077653
Ferguson, J D 075677
Ferguson, K H 080129
Ferguson, K H 081476
Ferlazzo, A 074505
Fernadez Sanchez de la Nieta, J I 079776
Fernanadez Sanchez de la Nieta, J I 079775
Fernandes Sanchez de la Neita, J I 079790
Fernandes, A 076930
Fernandez Caldas, E 081601
Fernandez Diez, M J 074275
Fernandez Diez, M J 074276
Fernandez Espinosa, D J L 075772
Fernandez Fernandez, F 079787
Fernandez Sanchez de la Nieta, J M 076822
Fernandez Sanchez de la Nieta, J I 076822
Fernandez Sanchez De La Niena, J M 077029
Fernandez Sanchez De La Nieta, J I 077029
Fernandez Sanchez de la Nieta, M 078922
Fernandez Sanchez de la Nieta, J I 078922
Fernandez Sanchez de la Nieta, J M 078927
Fernandez Sanchez de la Nieta, J I 078927
Fernandez Sanchez de la Nieta, J M 078928
Fernandez Sanchez de la Nieta, J I 078928
Fernandez Sanchez de la Nieta, J M 079768
Fernandez Sanchez de la Nieta, J I 079768
Fernandez Sanchez de la Nieta, J M 079772
Fernandez Sanchez de la Nieta, J I 079772
Fernandez Sanchez de la nieta, J M 079773
Fernandez Sanchez de la Nieta, J I 079773
Fernandez Sanchez da la nieta, J M 079775
Fernandez Sanchez de la Nieta, J M 079776
Fernandez Sanchez dela Nieta, J M 079779
Fernandez Sanchez de la Nieta, J I 079779
Fernandez Sanchez de la Nieta, J M 079790
Fernandez Sanchez de la Nieta, J M 079791
Fernandez Snachez de la Nieta, J I 079791
Fernandez, N 073767
Fernandez, R 075050
Fernandiz Caldas, E 077991
Fernando, S T 075793
Feron, V J 075123
Feron, V J 076148
Ferrand, M 081837
Ferrando, R 075076
Ferrando, R 075077
Ferrar, T A 073547
Ferreira de Novais, R 078165
Ferreira, J J 075083
Ferrel, R E 074098
Ferretti, A 073950
Ferri, S 074571
Ferris, J 073280
Ferris, J M 079320
Ferris, J P 077330
Ferris, V R 079320
Ferron, P 079625
Feste, J 073646
Feucht, W 077992
Feyerabend, G 079440
Feyerabend, G 079449
Ffolliorr, P F 081692
Fiala, F 078567
Fialova, E 074175
Fichman, M 072671
Fiebig, H J 081347
Fiedler, 073000
Fiedler, F 078235
Fiedler, J 075328
Fiedler, J 078554
Fiedler, J 078555
Fieldes, M 081150
Fies, J C 081052
Fievet, G 080887
Filanchik, N V 081801
Filatov, A I 075416
Filer, L J 073611
Filho, R B 077514
Filho, R B 077516
Filipovich, E G 075133
Filipovich, E G 075145
Filipovich, E G 075147
Filippini, M 077870
Filippini, R 073082
Filippova, N A 080585
Filippovich, I I 078177
Filmer, A A E 078119
Fiman, L 078573
Finch, R A 076982
Fincham, J R S 077080
Finco, D R 076038
Findeis, P 081414
Findlay, C R 075912
Finke, J 073452
Finke, J 081370
Finner, M F 075156
Finney, R E 078360
Fintha, I 080616
Fintha, I 080617
Finzi, M 073757
Firiulin, N S 074370
Firsova, T K 074488
Firuleva, N A 075160
Firus, S 080830
Fischbach, H 073586
Fischbeck, G 074095
Fischer, K 076497
Fischer, L A 073147
Fischer, M 080472
Fischer, R A 077643
Fischer, R G 079943
Fiser, P S 075315
Fish, F 076797
Fishbeck, K 077654
Fisher, E H 079213
Fisher, E H 079714
Fisher, E W 076079
Fisher, G T 079270
Fisher, G T 079891
Fisher, G W 074216
Fisher, H 074974
Fisher, R W 078945
Fisher, R W 079795
Fisiunov, A V 079491
Fitko, R 075028
Fitko, R 076030
Fitzhenry, B 077512
Fiveland, T J 079523
Flachowsky, G 076348
Flakenberg, B 077544
Flanagan, V P 073950
Flanegan, J B 079205
Flawia, M M 077573
Flechas R, G H 073873
Fleck, G 080730
Fleischer, K 074468
Fleischer, M 076516
Fleming, E N 077877
Flensburg, T 077384
Flerlage, B 080912
Flesar, M 075953
Fletcher, B 074662
Fletcher, I C 075277
Fletcher, J 076899
Fletcher, K 077729
Fletcher, K E 079685
Fletcher, R A 079599
Fliagina, I A 076712
Flieger, S 074708
Flieger, S 074709
Flinchum, W T 079572
Flood, A E 077495
Flook, P F 074666
Florea, S 080943
Florentev, I 073467
Florenzano, G 081545
Flores Cortinas, A 078929
Flores Cortinas, A 078930
Flores Cortinas, A 079250
Flores Cortinas, A 079785
Flores, G 080015
Floss, H G 077848
Focht, D D 081108
Focke, R 077062
Foda, M S 074207
Foda, M S A 077468
Fogel, M M 081202
Fogle, V W 077867
Foisy, C 073761
Fojtik, L 077568
Fokeev, V V 079001
Folachier, M 074042
Folachier, M 074043
Follett, R F 077665
Folscher, W J 081129
Folscher, W J 081131
Folwell, R J 080745
Fomenko, L D 077910
Fomichev, I u P 074992
Fomin, A 072837
Fong, L K 078202
Fong, L K 079884
Fontaine, B 075483
Fontaine, B 075486
Fontaine, D N 075774
Fontaine, J L 075483
Fontaine, J L 075486
Fontana, A 074623
Fontanello, D 074571
Fontenot, J P 074961
Foord, H E 074806
Foral, A 078552
Forche, E 077992
Forcum, D L 080035
Ford, B 080407
Ford, C W 077686
Ford, J H 079484
Ford, Z T 077927
Forde, B G 077397
Forgac, D 077629
Formozov, A A 074425
Fornari, B 073628
Forney, B E 080731
Forrest, W G 076369
Forrester, D J 075714
Forster, J 073995
Forster, U 075683
Forster, U 075866
Forsund, F R 081841
Forsyth, D J 080047
Fosler, G M 078043
Fospodinov, G M 076085
Foster, D M 077874
Foster, E M 073612
Foster, H L 077393
Foster, H L 081344
Foster, K E 081202
Foster, R K 081218
Foster, S J 076082
Foti, S 073439
Fott, B 076762
Fotyma, E 081469
Fotyma, M 081196
Fotyma, M 081469
Fouilloy, R 076603
Foulds, R T 076428
Fouque, A 076672
Fouque, A 076673
Fouraste, I 077528
Fourcade, F L 072994
Fourcade, I 078973
Fournaud, J 073680
Fournaud, J 074046
Fowke, L C 076891
Fowle, K I 074861
Fowler, M 080342
Fowler, M E 075455
Fox, C J S 080388
Fox, J E D 076402
Fox, L 079809
Fox, R C 079967
Fox, R L 081312
Foxcroft, G R 075279
Foy, C L 079614
Fradkin, L I 077492
Fraga, B M 077499
Fragner, P 075766
Fraj, P A 081652
Frame, J 079431
Franca, F 076930
Franca, N C 077513
Francia, E 080957
Francis, H L 079432
Francis, J 075651
Franco Garreta, I 076822
Franco Garreta, I 077029
Franco Garreta, I 078922
Franco Garreta, I 078927
Franco Garreta, I 078928
Franco Garreta, I 079768
Franco Garreta, I 079769
Franco Garreta, I 079772
Franco Garreta, I 079773
Franco Garreta, I 079775
Franco Garreta, I 079776
Franco Garreta, I 079779
Franco Garreta, I 079790
Franco Garreta, I 079791
Franco, E 079812
Francois, F 080566
Francois, H 072844
Francy, D B 080036
Frank, H K 073595
Frank, L 075567
Franke, A 072680
Franke, A 073207
Franke, A 073209
Franke, A 079442
Franti, C E 075631
Franz, F 076257
Franz, H 075186
Franz, H 075188
Franz, H 075189
Franz, H 080605
Franz, J M 079647
Franz, K H 080722
Franzky, G 073816
Frappell, B D 078829
Fraser-Jenkins, C R 077415
Fraser, A F 075395
Fraser, A F 075570
Fraser, J E 079237
Fraser, J E 079238
Fraser, J S 073742
Fraser, M J 077380
Frattini, C 077593
Freal, J J 074641
Freal, J J 080092
Frebling, J 075213
Frederick, H M 074338
Frederiksen, P L 081829
Fredon, J J 078109
Freeland, R D 077238
Freeland, R D 079085
Freeman, B M 074595
Freese, H H 075018
Frei, P I 081411
Freise, H 072792
Freitag, K 073532
Freitag, R 080197
Freitag, R 080506
Freitas da Silva, M 076668
Freitas de Souza, E 073621
Freitas, E A N de 074573
Freitas, E A N de 074894
French, E M 079237
French, E M 079238
French, J C 079711
French, N 079843
French, W 073484
Frennberg, J C 078355
Frerichs, C C 075832
Frerichs, G N 075832
Freudiger, U 076057
Frezzi, M J 079067
Fribourg, H A 078535
Fridland, V M 081078
Friedman, W F 073257
Friedrich, A 077058
Friedrich, G 079287
Friedrich, H 077619
Friedrich, W 074352
Fries, G F 074856
Fries, G F 075061
Fries, G F 075325
Fries, G F 080127
Fries, G F 080128
Fries, H H 079266
Friml, M 074177

Frink, J C 073225
Frison, G 078207
Fritsche, G 077045
Fritsche, J 072890
Fritschen, R 076124
Fritz, A 074094
Fritzsche, J 075361
Frohberg, G 075359
Frohlich, H 073263
Frohlich, H 078699
Frohlich, H 078706
Frohlich, H J 076191
Frolov, I N 077954
Frolova, N I 075151
Fromageot, D 075076
Fromageot, D 075077
Frommholdt, W 074459
Froning, G W 073662
Froning, G W 074067
Frost, A J 075651
Fruh, E G 081600
Frutos, R de 080263
Fry, J L 073676
Fry, J L 074716
Fry, J L 075044
Fry, J L 075062
Frydman, R B 078159
Frye, R H 079888
Fuchs, G 076344
Fuchs, R 075113
Fuciman, L 077891
Fuehring, H D 077641
Fuentes Sanchez, C 078253
Fuganti, C 077602
Fuhremann, T W 080091
Fuhrmann, K H 076194
Fuji, T 077112
Fujio, Y 074674
Fujisaki, K 080359
Fujishima, T 081116
Fujita, H 074985
Fujita, S 078280
Fujita, T 077440
Fujiwara, A 077781
Fukai, N 079223
Fukale, E 080925
Fukuoka, N 076702
Fularowa, K 077756
Fulgham, F E 078439
Fulka, J 075246
Fuller, H L 075042
Fuller, M S 078939
Fuller, P M 074500
Fuller, R S 081855
Fuller, W H 081563
Fullerton, H H 073553
Fuls, W J P 075784
Funaba, M 078017
Funabashi, F 075733
Funabashi, F 075735
Fuqua, B 077809
Furgala, B 080659
Furkert, R J 081150
Furmaga, S 075585
Furness, G W 072843
Furness, R R 081231
Furrer, J D 079471
Furuchi, T 080932
Furuhashi, K 079849
Furukawa, T 074105
Furundzic, M 080896
Furundzic, M 081551
Furunes, J 081421
Furuya, M 078127
Fusiak, I V 073127
Fussell, E M 079962
Futrell, M C 078956
Fytizas, E 080182
Fytizas, E 080295
Gaafar, S M 075621
Gaarder, R O 073301
Gaas, A A 076375
Gaay Fortman, B De 073419
Gabidullin, W 073463
Gabliks, J 076111
Gabliks, J 076112
Gabraschanski, P 076019
Gabraschanski, P 076119
Gabriel, W 078781
Gabriel, W 081468
Gabrielian, G G 077938
Gabriolavichius, V 076100
Gadkari, D A 075678
Gadzhiev, D A 081066
Gadzhiev, V D 076816
Gaede, E A 074887
Gaeng, F E 073812
Gaetani, S 073748
Gaiko, A A 075425
Gaillard, J 075213
Gaines, T P 077926
Gaisin, I A 081404
Gajdosik, M 074522
Gajkosik, M 074521
Gal, J 075377
Gal'per-Blicheko, E M 079410
Gal'perin, A 073020
Galan, A 077915
Galassi, D 075920
Galbenu, E 081201
Galbraith, M H 076995
Galeev, G S 078508
Galeotti, C 078489
Galesloot, T E 073654
Galewski, K 080464
Galhkov, Ch V 081802
Galkin, V V 077221
Gall, H 078313
Gallagher, J 079753
Gallagher, J L 076864
Galland, A 072893
Gallardo, F 081043
Galliard, T 074288
Galliard, T 074289
Galliard, T 078060
Galliard, T 078061
Gallman, W B 081149
Gallo, G 072705
Gallun, R L 078358
Gally, J 076270
Galowalia, M M S 080337
Galsky, A G 077312
Galson, E C 078230
Galun, R 080344
Galvao Franca Neto, B 074573
Gamalei, V I 081308
Gambade, G 078176
Gamberini, A 080973
Gamborg, O L 076891
Games, D E 080247
Ganassi, E E 077203
Gancarz, B 074704
Ganchev, G 075919
Ganchev, K 072871
Gandra, Y R 073717
Ganev, A 073514
Ganev, S 077561
Ganev, S 081191
Gangwar, M S 077746
Ganiev, M K 075598
Ganiev, T V 075428
Ganney, G W 079337
Gapich, I V 078506
Gaponenko, A K 080425
Gaprindashvili, A Kh 077296
Garamfalvi, D 077984
Garber, R H 079405
Garcia de Menezes, D 074400
Garcia-Chicano, J 081043
Garcia-Gonzalez, M T 081045
Garcia-Vicente, J 081045
Garcia-villanova, R 074130
Garcia, J G 079770
Garcia, R 079971
Garcia, R 079974
Gardan, L 078910
Gardan, L 079123
Gardner, D K 078393
Gardner, H W 078081
Garg, R C 073365
Garg, R K 078216
Garg, S K 075836
Gariaev, P P 081171
Gariboldi, F 074145
Garina, K P 077208
Garner, H E 075894
Garner, H E 076087
Garot, G 079434
Garoyan, L 073184
Garren, R 079530
Garrett, E C 078396
Garrigus, U S 074651
Garrod, P 078293
Garroway, M N 073512
Garte, L 080886
Gartner, P 076034
Garton, J E 074429
Gartung, J 080703
Garwacki, S 074706
Garwood, V A 074727
Garwood, V A 074728
Gasanenko, L S 078512
Gasanov, A M 076888
Gasanov, S 073924
Gasanov, V G 081596
Gascho, G J 081328
Gaskell, S J 077509
Gaskin, P 077549
Gaskins, M H 079617
Gaspar, T 078128
Gasparetto, E 074228
Gastellu, J 075490
Gastmann, C 074004
Gastmann, C 074049
Gatehouse, A G 075828
Gatehouse, A G 080024
Gates, D H 076043
Gattas, V 073767
Gatzke, E 074270
Gatzke, E 078698
Gauer, R 078574
Gaur, B K 077344
Gausman, H W 077669
Gausman, H W 077674
Gauthey, M 075741
Gauzer, E G 074529
Gavalier, M 075177
Gavish, U 078000
Gavrilenko, E V 073697
Gavrilov, K A 081011
Gavrilova, L I 078811
Gavrilova, O A 075151
Gavva, L I 081168
Gawaad, A A A 077750
Gawaad, A A A 079715
Gawda, J 074200
Gawlowski, M 079539
Gawron, W 072878
Gay, B W 081772
Gay, E E 074084
Gay, J D 079284
Gay, J D 079285
Gay, N 073478
Gayed, S K 079393
Geca, Z 074308
Gecan, J S 073575
Gecan, J S 073576
Gecan, J S 073579
Gecan, J S 079921
Geddes, C 074664
Geertsema, H 080323
Geffel', L A 081580
Gehring, D C 073245
Geiger, H 078227
Geigert, J 077508
Geigy, R 075595
Geijskes, D C 080527
Geissler, 072848
Geissler, B 075187
Gelashvili, F N 081184
Gelashvili, F N 081689
Gelatt, K N 076090
Geldman-Muhsam, B 080345
Gelinas, D A 078126
Gelinas, L de G 076160
Gella, E V 077581
Gembardt, C 076010
Gembardt, C 076066
Gemmer, H 075683
Genchi, C 074585
Generalova, M V 077206
Genet, L 076130
Genge, S 078129
Genie, G V 074157
Genigeorgis, C A 073703
Genika, L V 075926
Gent, G 078631
Gentry, C R 079699
George, C J 080314
George, J M 075193
Georgiev, G C 079669
Georgiev, M 075589
Georgiev, M 080889
Georgiev, V 078823
Georgopoulos, D 077438
Georgson, K 076790
Gerasenkova, E D 079191
Gerbatsch, V 075532
Gerbier, M 078469
Gerdes, G 072876
Gerdes, G 078312
Gerhardt, U 074019
Gerhold, H D 076227
Gerhold, H D 076416
Gerlach, H 075984
Germa, I C 079768
Germing, G H 078156
Gerrettson-Cornell, L 078989
Gerrits, R J Dept. of Agriculture 075384
Gerritsen, A G 076200
Gerson, U 079794
Gertler, A 077362
Geslin, M H 072637
Gestel, J V 075523
Gestetner, B 077696
Getselev, V 072832
Gevorkian, I A 077610
Gevorkian, I A 077939
Geyer, S 075525
Gezalian, M G 077935
Ghabrial, S A 074168
Ghai, S 079759
Ghany, M A 074575
Ghatge, R D 077154
Ghatnekar, R 080275
Ghendon, Y Z 075819
Gheorghies, C 079375
Ghergariu, O 076055
Ghergariu, S 076055
Ghildyal, B P 077672
Ghisalbe-ti, E L 077500
Ghisleni, L 077069
Gholap, A S 074283
Ghorashy, S R 081528
Ghosh, A K 077106
Ghosh, B 078602
Ghosh, B N 073907
Ghosh, J J 078960
Ghosh, R 081623
Ghosh, R B 076783
Ghosh, R B 077234
Giacanelli, E 074219
Giannattasio, M 078138
Giannotti, J 079162
Giannotti, J 079695
Gibbons, R 075719
Gibbs, C 076071
Gibbs, C 076095
Gibbs, C B 076414
Gibbs, E P J 075827
Gibbs, E P J 075828
Gibbs, E P J 080024
Gibbs, J A 076548
Gibbs, J A 077390
Gibbs, M 078137
Gibson, M A 074582
Gibson, N H E 080337
Gibson, T E 074478
Gibson, T E 074479
Gibson, T E 075876
Gibson, T E 075905
Gidaiatov, D A 080162
Giebel, J 079344
Gieling, T H 073665
Gieling, T H 073666
Gieling, T H 080767
Gies, T 076828
Giesecke, W H 075781
Giesler, F J 074942
Giesler, F J 075156
Gifford, R M 077685
Gifford, R M 077689
Gigante, R 079387
Gigineishvili, N S 075419
Gil, F 077469
Gil, G F 074250
Gil'man, Z D 075432
Gilbert, A F 076541
Gilbert, D L 075560
Gilbert, F R 076096
Gilbert, H A 072697
Giles, F E 080243
Giles, F E 081790
Gilgut, C J 078971
Giliomee, J H 079829
Giliomee, J H 079830
Gill, A 073223
Gill, A C 081879
Gill, D 076630
Gill, D 080726
Gillenwater, H B 079313
Gilles, A 079434
Gillespie, J R 075549
Gillett, J W 080131
Gillett, J W 080132
Gillette, E L 074547
Gillette, E L 074548
Gilliam, M 080661
Gilliam, M 080666
Gillies, P A 079961
Gillies, P A 079962
Gillies, P A 080042
Gilmore, L O 074964
Gilmour, J S 076098
Gilmour, N J L 075731
Gilster, K E 074954
Gilster, K E 074955
Gimenez, T 075175
Gimenez, T 075393
Gimeno Garcia, J 079774
Gingerich, D A 076145
Ginterova, A 077370
Ginther, O J 075449
Ginzburg, IA M 073103
Ginzburg, IA M 073110
Giovanelli, L 073082
Giovanni, G de 079823
Giovannini, R 075673
Gippert, T 080699
Gipps, P G 073737
Girard-Descatoire, A 076838
Girault, A 077444
Giskin, M 078162
Giskin, M 081478
Gitsba, D K 076770
Giuliomi, A 075920
Gjolberg, R 076326
Gladhart, P M 072780
Gladhart, P M 072985
Gladney, W J 079999
Glauert, J 073663
Glavac, V 076262
Glavan, C 077892
Glazkov, V I 074188
Glazkov, V I 076508
Gledhill, B L 075997
Glem-Hansen, N 074912
Glencross, R G 075174
Glende, P 080778
Glende, P 080779
Glende, P 080780
Glenk, D J B 075497
Gliadiaeva, O F 075152
Glian'ko, A K 077637
Glier, J H 077028
Gliha, R 079322
Glimcher, M J 074559
Glock, R 075667
Glodek, P 075379
Gloden, J 072844
Glotbach, J M 073405
Glotov, G N 075856
Glotova, G I 075856
Glowacka-Pilot, B 080433
Gluch, W 076819
Gluck, P 076242
Glukhova, V M 080587
Gnanadickam, C 073724
Gnatchenko, E V 077587
Gnida, Z M 079140
Gnoevoi, V I 075135
Gnoevoi, V I 075164
Goad, L J 077502
Gobble, J L 076059
Gobelez, M 080960
Godavari, H R 077533
Godfrain, J C 074498
Godfrey, E B 081883
Godgson, G C 075063
Godschalk, M 074700
Godunova, K N 081410
Godzhamanov, A B 081407
Godzik, S 076217
Godzik, S 078238
Goedegebure, J 073037
Goedegebuure, S A 074798
Goeden, R D 079446
Goeden, R D 080242
Goess, L 076237
Goess, L 076418
Goff, C W 078053
Goff, M L 080569
Goff, O E 075039
Goffredo, G 075881
Gogacz, E 074702
Gogala, M 080206
Gogala, N 077373
Gogolewski, L 075743
Gohlich, H 080881
Gohlich, H 080909
Gojmerac, W L 079920
Gojmerac, W L 079996
Gojmerac, W L 080657
Gokhale, V G 080252
Gol'dman, I L 075409
Gol'tsberg, I A 081805
Golaszewski, T 077627
Golda, J 074419
Goldberg, A 075698
Goldberg, D 081607
Goldberg, D 081615
Golden, A M 079314
Goldman, M C 078776
Goldschmidt, E E 078124
Goldsmith, M H M 077881
Goldsmith, M H M 077882
Goldstein, J 073659
Golenko, M V 073113
Golias, J 078016
Golik, E M 074232
Golisch, G 078428
Goller, K 074007
Gollnick, H 073149
Golnik, W 075748
Gologna, S 074398
Golovko, F S 077177
Golubchikov, V S 074799
Golubovskaya, I N 077213
Golysheva, S A 074820
Gomand, M 079477
Gomez Borrero, J C 073162
Gomez P, L D 076773
Gomez, I A 074789

Gomez, M 081043
Gomi, K 079340
Gomide, J A 075083
Gomme, F R 073372
Gomoiunova, N P 080589
Gomulka, J 072882
Goncharenko, A A 079140
Goncharik, M N 081409
Goncharov, E M 074473
Goncharov, S K 075966
Goncharova, N I 080044
Goncora C, J B 073871
Gondim, G S 078346
Goni, M 072705
Gonzalez Cancho, F 074275
Gonzalez del Barrio, J E 072783
Gonzalez M, S 079116
Gonzalez Padilla, H 075844
Gonzalez Villafane, E 072918
Gonzalez, A G 077499
Gonzalez, A J 080802
Good, J M 079307
Good, N E 077407
Goodale, T L 081878
Goodall, G E 078937
Goode, J E 078059
Goodger, V 075715
Goodger, W J 075553
Goodman, B L 075319
Goodman, B L 075320
Goodner, T O 075040
Goodwin, L G 075794
Goodwin, T L 074440
Goodwin, T W 077502
Goold, R A 079179
Goot, H 074638
Goot, V S Van Der 080514
Gopalan, C 073714
Gopalan, C 073805
Gopalan, M 079833
Gopalsamy, A 081139
Goral, S 076935
Goransson, B 073272
Gorantiwar, S M 077753
Gorantiwar, S M 081103
Gorbatow-Tuppurainen, N 073656
Gorbatow, O 073656
Gorbunov, N I 081178
Gordeev, A M 081403
Gorden, C W 075677
Gordh, G 080403
Gordienko, G I 074374
Gordon, A G 076206
Gordon, A J 074979
Gordon, A J 074980
Gordon, I L 078478
Gordon, W G 073946
Goren, R 078124
Goren, R 078125
Goret, D P 075774
Gorham, J R 075668
Goriachko, N 073025
Goring, C A I 072664
Goring, C A I 079300
Goring, C A I 081080
Goring, C A I 081807
Gorini, F 078833
Goriunov, N S 081715
Gorlitz, H 081337
Gorlitz, H 081348
Gorman, B M 075789
Gorman, W 073550
Gornat, B 081607
Gornat, B 081615
Gorny, J 081448
Gorobchenko, M M 078517
Gorobets, A 075936
Gorodetskii, A A 075147
Gorski, J 074518
Gorski, J 075800
Gosi, L 073525
Goss, D W 081721
Goss, D W 081748
Gossler, R 075657
Goswami, N N 081352
Goteva, M 077899
Goto, N 078103
Goto, T 080675
Gotthardt, H 072880
Gottlieb, O R 077505
Gottlieb, O R 077513
Gottlieb, O R 077514
Gottlieb, O R 077516
Gottlieb, O R 078228
Gottschalk, A 075380
Gottsche, D 076928
Gottwald, H 076478
Gotwald, W H 080395
Goubern, M 074862
Goubern, M 076004
Goud, J V 077139
Goud, J V 079735
Goudeau, M 080194
Goudswaard, J 075871
Goudswaard, J 075915
Gough, B M 074208
Gough, H J 080531
Gough, R E 075916
Gould, E 073570
Gould, H J 079763
Gould, W A 074294
Gourlay, R N 075727
Goutarel, R 077600
Goverdhan, M K 075678
Govindadass, G 081534
Govindaraj, A K 081142
Govindaswami, S 077106
Govindaswamy, C V 079017
Govindaswamy, C V 079186
Govindaswamy, C V 079513
Govindjee, M B 078133
Gowda, R T S 078437
Gowder, R B 079018
Gower, A M 080411
Gozia, O 077918
Gozin, A A 078884
Graaff, R van der 075645
Graafmans, W D J 076902
Grabarska, A 075500
Grabarska, A 076041
Grabda, E 075978
Grabinski, J 074704
Grabouski, P H 078441
Grabovets, A I 078507
Grace, J 077430
Grace, J 077431
Grace, J 077432
Grace, J 077841
Gracia, V 077991
Grader, R 081851
Graf, F 080324
Graf, H 074093
Graffunder, S 072846
Grafnetterova, J 074615
Graham, A S 073256
Graham, D L 074897
Graham, E F 075280
Graham, G G 073709
Graham, J E 080037
Graham, O H 079999
Graham, S A 081839
Graham, T G 075075
Gralewicz, S 074510
Gralewicz, S 074512
Gramet, P 079225
Gramet, P 079264
Grammel, R 076453
Grandadam, A 074780
Grandjean, C 074040
Grandtner, M M 076853
Granelli, G 075675
Graniti, A 078988
Granskog, J E 076286
Granstrom, H 080275
Grant, E A 078282
Grant, P M 081489
Grant, W F 076639
Grant, W J 077985
Grassi, M M 077612
Grassmann, E 074845
Grau, J G 080243
Grau, J G 081790
Grauerholz, H 075463
Graven, E H 081419
Graves, C R 077238
Graves, C R 079085
Graves, C R 078533
Graves, H B 076059
Gray, E 077614
Gray, E J 074294
Gray, F 081209
Greathead, A 078934
Greb, B W 077655
Grebenkin, A P 077088
Grec, L 079061
Grecenko, A 080921
Green, J A 078672
Green, J R 080321
Green, L 078716
Green, M L 074560
Green, R E 077664
Green, R E 079416
Greene, G L 079702
Greenfield, J 075665
Greentree, W 076329
Greenwood, A D 076900
Greenwood, H L 077442
Greenwood, M 080353
Greer, G J 075618
Greer, H A L 079524
Greer, H A L 079525
Greer, H A L 079526
Gregg, C T 077693
Gregor, G 075378
Gregus, C 076273
Greidanus, P 074258
Greig, P 081718
Greig, W S 073340
Grejtovsky, A 077371
Grellet, F 078096
Grenier, C 076979
Gresshoff, P M 077692
Greszta, J 076221
Gretmacher, R 079248
Greulich, E 078706
Gribova, S A 076839
Gribova, S A 076865
Gribovskaia, I F 076070
Gribovskaia, I F 077639
Griel, L C 075620
Griffin, D 076803
Griffin, G D 079308
Griffin, J F T 075394
Griffin, R E 080038
Griffith, P R 074980
Griffiths, A J F 077041
Griffiths, H B 076900
Grigor'ev, IU N 075410
Grigor'ev, N G 075137
Grigorian, G B 077375
Grill, D 076218
Grill, D 078239
Grimes, T D 076077
Grimm, K 075154
Grimstad, E 081830
Grinenko, V V 078086
Grinikh, L I 077207
Grinkevich, N I 077639
Griperay, G 081808
Grishkova, L A 081288
Grisiuk, N M 076953
Grizo, V A 074234
Grob, K 080273
Grobke, 074884
Grobstein, P 074790
Grodzki, Rm 079885
Grogan, R G 079128
Groh, W 078705
Grohnert, H 074392
Grokhovskaia, I M 080377
Grolleau, G 079242
Grom, A 075247
Gromova, A A 080463
Gromyko, G N 079071
Grondahl, O 076502
Gronevik, G 081501
Gronnerod, B 078446
Gronska, J 074511
Gronskaia, R D 072973
Groot, A G de 074383
Groot, T de 076146
Groot, T de 081497
Grootendorst, H J 078876
Groppel, B 076005
Groppel, B 076006
Grosev, I 072871
Grosew, D I 072877
Grosmond, G 075513
Gross, D R 075452
Gross, F 074362
Gross, G F 077408
Grosse, F 073986
Grosse, F 073987
Grosse, F 074865
Grosser, M 079679
Grossman, A I 080427
Grossman, A I 080430
Grossman, S 078115
Grossmann, H 076312
Grosso, A M 075844
Grothe, J 073776
Groves, M L 073946
Gruber, M 076777
Grudev, D I 075411
Grudev, D I 075416
Grueter, H P 075902
Gruev, TS 078485
Grull, F 076761
Grummer, R H 075156
Grun, M 076005
Grun, M 076006
Grunberger, K 073416
Grunberger, K 075472
Grundler, I G 078697
Gruneberg, G 075494
Grunenwald, L 073968
Grunert, E 074598
Grunert, E 075445
Grunwald, C 077800
Grunwald, C 077804
Grupce, L 077596
Gruszecki, W 074517
Grutz, E M 074273
Gruzdev, L G 077632
Gruzdev, L G 079411
Grys, S 074705
Gryzlova, O N 075577
Grzegorczyk, K 074190
Grzegorzak, B 074704
Grzeskiewicz, H 078376
Grzyb, Z 078784
Grzywinski, L 075751
Guagliumi, P 079693
Guallini, L 075672
Guaragna, G 078009
Guardiola, J L 081048
Guarino, C 075880
Guarrochena, R 075096
Guarrochena, R 078521
Gubanov, G IA 079095
Gubina, V G 079234
Gudivaka, M R 076486
Gudkova, G N 076948
Gudkova, G N 077821
Guedes, M 076799
Guedry, L J 072760
Guenter, W 074971
Guenth Er, H R 078444
Guenthner, H R 078443
Guenthner, H R 078445
Guerra Refega, A 081047
Guerrero, M G 077541
Gugnani, H C 075853
Gugov, G 073046
Guha, S R D 076485
Guibord, M O 079634
Guilhon, J 076106
Guillaume, J 075076
Guillaumet, J L 076601
Guillaumin, M 080191
Guillaumin, M 080193
Guillemaut, P 078130
Guillet, C 080177
Guillon, J C 075579
Guitjens, J C 081672
Guitton, Y 078096
Gujarati, A R 076920
Gukasian, L A 074235
Gulati, A D 081630
Gulati, O P 081645
Guliaev, G V 077086
Gulidov, A M 079414
Gulii, V V 080231
Gunasekaran, C R 079821
Gunasekaran, M 077470
Gunasena, H P M 079473
Gunchev, Kh 080124
Gunderson, B H 075156
Gunderson, G R 075891
Gundlach, J L 075585
Gunnarsson, M 073055
Gunner, H B 081723
Gunther, F A 080050
Gunther, F A 080051
Gunther, H 074684
Gunther, H O 073672
Gunther, K H 076231
Gupta, D K 079182
Gupta, D K D 081364
Gupta, D S 079661
Gupta, H S 078611
Gupta, J N 074546
Gupta, J R 072989
Gupta, K G 073945
Gupta, K G 080100
Gupta, M B 078368
Gupta, M B 081382
Gupta, M D 079164
Gupta, M L 081384
Gupta, P 077084
Gupta, P C 077515
Gupta, P C 077560
Gupta, P C Das 074097
Gupta, R K 081089
Gupta, S B 077084
Gupta, S K 079160
Gupta, S K 079717
Gupta, S K 081643
Gupta, T S 080618
Gur'ianova, A S 074824
Gur'ianova, A S 075402
Guraya, S S 074501
Gurbuchev, I 081193
Gurin, A I 075161
Gurnani, S 074064
Guron, Y 077960
Gurson, C T 073752
Gurtler, H 076032
Gurtschenko, W 074410
Gurusamy, N 081139
Gurzhav, Kh 075397
Gus'kova, I N 077580
Gusarova, L P 078044
Guseinov, A G 077744
Guseinov, B Z 077676
Guseinov, E S 076610
Guseinov, S G 077722
Gustafson, C D 073003
Gustafson, C D 073004
Gustafson, C D 078649
Gustafson, C D 081325
Gustafson, C D 081606
Gustafsson, L 079419
Gustafsson, T 080274
Gustavsson, I 080678
Gutezeit, B 078698
Guthrie, F E 079925
Guthrie, G M 073710
Guthrie, H A 073710
Gutierrez Bermudez, A 073160
Gutierrez, J 080521
Gutierrez, V 076386
Gutkovskii, A A 074820
Gutsevich, A V 080586
Guy, M W 075794
Guyer, H 078431
Guyot, G 072732
Gvazava, Sh T 081583
Gwiazda, M 079664
Gwiazda, M 080389
Gyarmathy, E 074521
Haag, H P 077702
Haag, W G de 073406
Haapala, O K 076926
Haapala, O K 080245
Haasbroek, F J 079329
Haase, 075373
Haber, A H 077866
Haberle, S 076455
Haberle, S 076457
Haberle, S 076465
Habersatter, H 076240
Habetinek, J 077888
Habovstiak, J 077594
Hack, K H 072847
Hackel, K 080819
Hackermuller, W 076424
Hackett, A J 073581
Hackl, W 076423
Hackler, L R 074204
Hadanfeldt, 078276
Hadders, G 076355
Haddow, A J 080408
Hadimani, A S 081148
Hadimani, A S 081635
Hadley, H H 077724
Hadwiger, L A 078004
Hadziyev, D 078875
Haenlein, G F W 074958
Haferkamp, M R 077671
Hafner, F 076177
Hafs, H D 075349
Hafs, H D 075350
Hagan, R M 078042
Hagedorn, W 080917
Hageman, R H 077852
Hagemann, O 081280
Hagemann, O 081337
Hagemann, O 081346
Hagen, K W 075668
Hagenlocher, H 075506
Hager, P 074347
Haggag, M E A 077036
Haggag, M E A 077043
Haggag, M E A 078943
Haggag, M E A 078944
Hagitani, A 077519
Hahlbrock, K 078116
Hahn, G 072791
Hahn, J 075443
Hahn, J T 076328
Hahn, L 074658
Hahn, L 078318
Hahne, H C H 077925
Haider, K 077964
Haidinger, G 081680
Hailey, J R T 076569
Hain, C M 078531
Hair, J A 080346
Hair, J A 080347
Haizel, K A 077762
Haizel, K A 078340
Hajny, G J 076537
Hajny, G J 076539
Hajny, G L 079141
Hajra, J N 081093
Hajra, J N 081376
Hakimi, A H 081528
Hakl, Z 074358
Halaj, J 076282
Halberg, F 080331
Halcrow, H G 073051

Hale, J 077041
Hale, K K 074068
Hale, K K 074069
Hale, V Q 076781
Hale, V Q 081225
Hale, W H 074330
Hale, W H 074338
Hales, J R S 074698
Halevy, A H 078098
Halim, A F 076745
Halkier, S B 073594
Halkka, O 080172
Hall, A D 076188
Hall, B K 074540
Hall, D M 073910
Hall, D W 080340
Hall, K L 074603
Hall, M S 080368
Hall, O 079608
Hallaire, M 072640
Hallatz, M 078706
Haller, R W 074738
Haller, S 074019
Halm, A T 081072
Halmagyi, L 080599
Halverson, R C 080329
Hamazaki, T 081165
Hambly, E A 075988
Hamby, H 076522
Hamby, H 081852
Hamdorf, G 079188
Hamdy, M K 079863
Hameed, K M 079614
Hamilton, D P 075562
Hamilton, P B 076047
Hamilton, P B 076135
Hamilton, P B 076136
Hamilton, P B 076137
Hamlen, R A 079312
Hamlin, R L 075452
Hamlin, R L 076086
Hamm, D 075051
Hamm, G G H 074324
Hammel, D A 074129
Hammer, C H 075323
Hammer, C H 076048
Hammerschmid, W 080728
Hammond, D M 075696
Hammond, P M 080530
Hampe, E 074932
Hampel, M 079022
Hampson, C P 080773
Hancock, J L 075273
Hancock, W V 076569
Handel-Mazzetti, P 076487
Handford, P T 080620
Handford, P T 080621
Handro, W 078100
Hanel, A 080836
Hanes, J 081470
Haney, R L 079745
Hani, A 079170
Hani, F 078982
Hanichen, T 076068
Hanke, I 075488
Hanlin, R T 079024
Hanners, J L 077693
Hannich, K 077890
Hanouskova, H 078828
Hanover, J W 078245
Hans, A S 076438
Hans, A S 081345
Hansen, C 073239
Hansen, E D 081671
Hansen, K K 073982
Hansen, M 075466
Hansen, R 073489
Hansen, R 073967
Hansen, R M 079262
Hansgen, K H 079971
Hansmann, E W 076645
Hanson, C L 081664
Hanson, J R 077498
Hansson, G 077837
Hanst, P L 081772
Hanzlik, A 081282
Hapke, H J 075471
Harada, H 078100
Harada, I 077795
Harada, T 081127
Harata, T 074096
Harata, T 077033
Harata, T 078675
Harborne, J B 076746
Harbourne, J F 076096
Harcourt, D G 079698
Harcourt, R 075907
Hardacker, K W 076523
Hardenbrook, H J 075562
Hardin, N C 078848
Hardin, N C 078858
Hardin, N C 080796
Harding, J D J 076096
Harding, W C 079334
Harding, W C 079336
Harding, W C 079731
Harding, W C 079732
Hardisty, J R 076014
Hardwick, W A 073891
Hargrave, J 077410
Hargus, G 074339
Harhash, A W 078888
Haridas, P 079537
Haridas, P 079538
Harkess, R D 079431
Harlan, J R 076651
Harlow, D R 075631
Harmeyer, J 075983
Harmon, L G 073640
Harms, F 074018
Harms, H 077964
Harms, R H 073676
Harms, R H 074716
Harms, R H 074729
Harms, R H 074730
Harms, R H 074732
Harms, R H 075044
Harms, R H 075047
Harms, R H 075055
Harms, R H 075067
Harms, V L 076633
Harness, E 075829
Harness, E 075837
Harnisch, H 073979
Harovoi, B F 077209
Harper, J L 077762
Harper, J M 074902
Harper, K A 074263
Harper, K A 078997
Harper, P 078203
Harper, R S 078580
Harper, W J 073765
Harper, W J 073943
Harr, J R 080131
Harr, J R 080132
Harrach, W G 072632
Harrera, J 077352
Harris, C C 079263
Harris, E D 079814
Harris, H B 074083
Harris, J W E 076352
Harris, M K 079855
Harris, R W 076351
Harris, S G 076000
Harris, S J 075061
Harris, S J 080128
Harris, W G 073639
Harris, W G 080057
Harris, W G 080103
Harris, W G 081054
Harris, W H 074655
Harris, W L 080807
Harrison, B D 079179
Harrison, F P 079731
Harsh, D C 075629
Hart, C T 080706
Hart, C K 073933
Hartel, O 076218
Hartel, O 078239
Hartigan, P J 075394
Hartl, D L 080265
Hartley, M R 078006
Hartman, E G 075871
Hartmann, N A 075251
Hartmans, J 076149
Hartog, C den 073787
Hartog, C den 078981
Hartshorn, G S 081069
Hartsock, T H 076059
Hartstack, A W 079706
Hartung, T E 073662
Harvan, D 077599
Harvey, B L 077711
Harvey, C E 075460
Harvey, C W 074156
Harvey, L H 078288
Harvey, R G 079213
Harvey, R G 079604
Harvey, W R 075317
Harvey, W R 080667
Harwood, M L 075563
Hascoet, M 073597
Hascoet, M 080066
Hase, Y 078019
Hasegawa, K 080675
Hasegawa, S 077796
Hasel, K 076253
Hashim, M 077037
Hashimoto, A 080361
Hashizume, T 078003
Haskins, C P 080404
Haskins, E F 080404
Haskins, E W 073715
Hasler, A 074348
Hasnain, H 075279
Hassan, A 081272
Hassan, M A 077138
Hassid, W Z 077571
Hassinger, E W 072683
Hassinger, E W 072684
Hastings, D V 072683
Hastings, L 080197
Hatanaka, S I 077606
Hatch, M D 077326
Hatch, M D 077327
Hatch, R C 075454
Hathaway, D O 079804
Hatschbach, G 076650
Hattem, D van 076501
Hatton, J V 076510
Hatton, J V 076513
Hatton, J V 076532
Hatzinikolis, E N 079869
Hauck, R A 073808
Hauck, R D 081371
Haufele, A 081602
Haug, A 077268
Haug, A 077274
Haughey, D P 074034
Haughey, D P 074035
Haughey, D P 081825
Haunold, E 081059
Haupt, W 077280
Haurin, D R 072716
Hauser, E W 079598
Haushofer, H 074314
Hausmann, W 075469
Hausmann, W 075473
Havas, N 073224
Havens, J A 080741
Havens, M 075902
Haverbeke, G Van 076054
Havickhorst, R F 079965
Havivi, Y 080345
Havlickova, K 074760
Hawk, H W 074645
Hawker, J 077498
Hawkins, J H 079136
Hawks, S N 077924
Hawks, S N 077930
Hawks, S N 078541
Hawks, S N 079573
Hawks, S N 081508
Hawksworth, F G 079574
Hayashi, H 074981
Hayashi, H 074983
Hayashi, K 077378
Hayashi, K 077789
Hayden, E B 073721
Hayes, J 073397
Hayes, R O 080036
Hayman, R H 075195
Haynes, D L 079700
Haynes, N B 074976
Haynes, N B 075266
Hays, J T 081391
Hays, V 075098
Hayse, P L 074079
Haystead, A 077334
Haystead, A 078142
Hazard, E I 080340
Hazeltine, W 079972
Hazen, P J 079426
Hazra, G C 081091
Heal, F 072733
Heald, C M 079403
Heaney, J P 081733
Heath, R B 075544
Heathcote, J G 073874
Heavner, J E 075548
Hebel G, P 074853
Hebert, J J 074221
Hechelmann, H 073606
Hecker, A L 073990
Hecker, A L 073991
Hecker, A L 074587
Hecker, R J 077714
Hedde, R D 074899
Hedge, I C 076652
Hedge, I C 076654
Hedge, I C 076663
Hedger, R S 075787
Hedjazi, M 075847
Hedlund, A 076334
Hedrick, H B 074953
Heege, H J 080927
Heeney, M V 074901
Heeney, M W 073992
Heeney, M W 074388
Heeney, M W 074903
Heeney, M W 074904
Heeney, M W 074905
Hegarty, P V J 074590
Hegarty, T W 077428
Hegazi, S M 074207
Hegde, K S 080013
Hegde, V R 075025
Hegedus, J 080697
Hegge, O 073288
Hegge, O 073492
Hegnauer, H 076973
Hehne, E 074466
Heiber, J 073487
Heid, W G 073066
Heidrich, H J 076065
Heigenhauser, B 076433
Heijbroek, W 079247
Heijna, B J 080766
Heilman, M D 079403
Hein, A 074693
Heinecke, W 080984
Heinemann, H 074329
Heinemann, H 080719
Heinemann, H G 081664
Heiniger, A 074333
Heinrich, G 077550
Heinrichs, D H 078327
Heinrichs, D H 080727
Heinrichs, E A 079852
Heinrichs, E A 079853
Heinz, E 078198
Heinze, K G 079244
Heit, C E 078201
Heit, M 080223
Heitner, C 076511
Hejny, S 076834
Hekhuis, J 076069
Hekmati, P 075521
Held, H U 080848
Helleberg, B 080882
Heller, D 075014
Heller, E D 074700
Heller, H 074300
Heller, R A 076015
Helling, C S 080101
Hellrigl, K G 080581
Hellyer, A G L 078660
Helmers, G A 073500
Helmsing, P J 080201
Helpert, C W 079561
Helpert, C W 079562
Helpert, C W 079563
Helpert, C W 079564
Helpert, C W 079565
Helpert, C W 079566
Helpert, C W 079568
Helpert, C W 079569
Helpert, C W 079570
Helpert, C W 079571
Hemkes, O J 076149
Hemming, T 073271
Hemming, T 073311
Hempel, G 077059
Hemphill, A K 073229
Hempler, K 081401
Hemsley, B 075104
Henderickx, H K 074846
Henderson, C R 075256
Henderson, C S 080804
Henderson, D J 073319
Henderson, D M 078964
Henderson, H E 080323
Hendrix, A T M 080954
Hendrix, J W 074166
Hengst, M 073852
Henin, M S 081061
Henin, S 081052
Henis, Y 078996
Henkel, H 074886
Henkels, W D 077446
Hennig, A 074864
Hennig, A 076006
Henning, F 081348
Henning, W 074009
Henningsson, H B 076517
Henrick, C A 079643
Henrick, C A 080299
Henry, A J 077511
Henry, A M 075337
Henry, V R 078610
Hensley, M 081668
Hentgen, A 078680
Henze, R 081400
Hera, C 077893
Heras, L 077914
Heras, L 078181
Herbauts, J 078372
Herbel, C H 078393
Herbel, C H 080894
Herdam, H 077053
Herezniak, J 076855
Hering, M 078197
Hering, M 079402
Herisset, A 077525
Herlich, H 075697
Herman, D L 074969
Herman, D L 074972
Hermanwen, J E 078952
Hernandez Esteruelas, P 078924
Hernandez Esteruelas, P 079770
Hernandez Esteruelas, P 079774
Hernandez Esteruelas, P 079777
Hernandez Esteruelas, P 079778
Hernandez, M G 077499
Hernandez, M I 072918
Hernandez, P 076823
Herne, D C 078945
Herne, D C 079795
Herold, G 073511
Herold, G 073671
Herold, G 073674
Herold, G 081846
Herold, R 075363
Herrero Alcon, A 073152
Herrero, J 078182
Herrick, J B 075474
Herrick, R B 076140
Herrick, R B 080022
Herrin, C S 079994
Herrington, B L 073961
Herrmann, C 075175
Herrmann, H 074001
Herrmann, K 074311
Herrmann, K 080857
Herrmann, U 074911
Herrmann, U 077051
Herstad, O 074612
Hertel, W 074106
Herthelon, M 075514
Hertrampf, J 075024
Hertwig, K von 079507
Herz, W 077512
Herzberg, G R 074566
Herzer, J F 074241
Herzog, R 081533
Herzog, R 081535
Hesen, J C 074293
Hesko, J 079009
Heslop-Harrison, J 076964
Heslop-Harrison, J 077145
Heslop-Harrison, J 078155
Hess, W M 079062
Hesse, V 076035
Hesselbarth, 074422
Hessland, F 072876
Hestand, R S 079613
Hetzner, V E 073488
Heurich, H 075376
Heurteaux, P 080138
Heurteaux, P 081860
Heuver, M 079426
Hewetson, R W 075192
Hewett, E W 078222
Hewitt, R E 080404
Hewson, W B 081391
Hey, D 072625
Hey, W 073203
Heyde, M 080526
Heyde, M van der 072844
Heyns, J 079330
Heywood, V H 076657
Hibbs, C M 075508
Hibbs, C M 076092
Hickman, C J 078935
Hidalgo, J 077557
Hidalgo, M A 075393
Hidari, H 074984
Hideux, M 076886
Hieke, F 080613
Hieronimus, K 080842
Higgins, H G 076430
Higgins, H G 080271
Higginson, F R 081554
Higgs, K H 078059
Highnam, K C 080261
Higuchi, T 077617
Hilali, M 079936
Hilborn, J C 074579
Hileman, A E 073523
Hileman, A E 081700
Hilgendorf, H 078311
Hill-Cottingham, D G 078099
Hill, J F 074743
Hill, J R 074649
Hill, R D 081071

Hillel, D 077960
Hillendahl, W 080703
Hiller, H 081588
Hiller, R G 078129
Hillidge, C 075569
Hillman, J R 078183
Hillmann, D 074929
Hillmann, K H 075442
Hilsenhoff, W L 080560
Hiltunen, R 077267
Hiltunen, R 077273
Himes, J A 075999
Himmelhoch, S 079192
Hinrichs, H A 076997
Hinton, C F 073676
Hinton, C F 075044
Hinton, H E 080632
Hintz, H P J 077439
Hintze, R 081519
Hirane, T 074096
Hirane, T 077033
Hirano, K 079260
Hirao, T 080325
Hirasawa, K 075688
Hirobe, T 080672
Hiron, J C 074437
Hironaka, M 078395
Hirose, M 077519
Hirota, H 078401
Hirota, H 078402
Hirotani, A 080361
Hirst, E 080739
Hisada, S 077510
Hitchner, S B 075806
Hladky, J 075331
Hlavackova, Z 077168
Hlavinka, J 074059
Hlozanek, I 075691
Ho, F W 078532
Ho, S Y 078870
Hoadley, B 079063
Hobbs, H L 075221
Hobday, S M 078114
Hobson, H P 076015
Hobza, R F 079987
Hochberg, A A 080091
Hochkeppel, H K 077966
Hodgdon, A R 076581
Hodges, G H 079304
Hodges, J 074455
Hodges, J 075106
Hodges, R J 079560
Hodgetts, R N 080320
Hodgson, G C 075049
Hodgson, J F 077772
Hodgson, J M 077659
Hodgson, J M 079596
Hodgson, R E 073473
Hodgson, R E 073947
Hoe, C M 074549
Hofberg, A H 079425
Hoff, B 075666
Hoffman, G O 079560
Hoffman, J E 081769
Hoffmann-Frezer, G 075658
Hoffmann, B 074332
Hoffmann, B 075175
Hoffmann, D F 080334
Hoffmann, H 074710
Hoffmann, H W 074457
Hoffmann, J K 079315
Hoffmann, R 075658
Hofling, J F 080418
Hoflund, S 074610
Hofman, A 081335
Hofmann, A 081537
Hofmann, K 073607
Hofmann, K 074012
Hofmann, K 074014
Hofmann, R C 074281
Hofmann, U 076951
Hofner, W 077486
Hofrichterova, A 073309
Hofstetter, R 074435
Hogborg, E 079506
Hogg, J S 074210
Hogg, J T 081530
Hogue, C L 080210
Hohenboken, W D 075304
Hohl, H R 076973
Hohorst, B 080287
Hohorst, B 080288
Hohorst, B 080289
Hohorst, B 080290
Hohorst, B 080291
Hoj, F 074908
Hokanson, J F 075620
Holaway, D 074431
Holdas, S 074408
Holden, E R 073582
Holden, E R 080054
Holdibrandt, H H 072903
Hole, V 073067
Holeman, J N 081576
Holenda, J 075139
Holfelder, E 074279
Holik, J S 072684
Holl, W 078229
Hollatz, M 078707
Holliman, R B 080209
Holliman, R B 081780
Hollingsworth, J P 079706
Holmer, G 077822
Holmes, R J 076076
Holmquist, C E 074355
Holness, D H 075091
Holt, C E 077078
Holt, D A 077651
Holt, F E 076283
Holt, R F 080084
Holt, R F 081520
Holter, J B 074963
Holub, A 074814
Holub, J 076759
Holub, Z 077367
Holubova, S 074777
Holubowicz, T 077968
Holy, F 076641
Holzapfel, W H 073972
Holzner, W 079427
Homes, M 076574
Homma, S 078762
Homola, I 077171
Hongve, D 076621
Honick, A 078719
Honig, H 074369
Honig, H 074842
Hood, L F 074659
Hoogstraal, H 080000
Hoogstraal, H 080572
Hook, A 078410
Hook, A 079504
Hook, A 081425
Hooper, A C 074590
Hooper, B E 075554
Hooper, F F 081433
Hooper, F G 073749
Hope, J A 079935
Hopkin, J A 072911
Hopkin, J A 073132
Hopkins, R J 073524
Hopkins, T L 079931
Hopkins, T L 079932
Hopkins, T L 080354
Hopkins, T L 080355
Hopp, R J 078089
Hoppe, E 076313
Horak, E 079940
Horak, V 077566
Hore, D E 075650
Hori, Y 078017
Horii, A 073876
Horinek, M 081578
Horn, F P 081484
Horn, O 073275
Hornbeck, G 081676
Horne, L T 079754
Horner, G L 081755
Hornicke, H 074844
Hornig, D 073759
Hornig, D 076024
Horowitz, M 078054
Horowitz, M 079478
Horowitz, M 079486
Horridge, G A 080304
Horridge, G A 080305
Horsley, R J 077574
Horst, C J G van der 075382
Horstmann, G 075445
Hortenstine, D C 079305
Horton, M L 077668
Horton, M L 081012
Horton, M L 081013
Horvath, B Z 076021
Horvath, I 077952
Horvath, I 079396
Horvatovich, S 080596
Hosaka, K 075735
Hoser-Krauze, J 077074
Hoser-Krauze, J 077075
Hoskinson, P E Agricultural Experiment Station 078534
Hoskinson, R M 073684
Hoskinson, R M 079939
Hosny, M M 079756
Hosoda, T 077108
Hosono, M 072688
Hosper, W 074015
Hossain, A B M E 076661
Hossain, D 072967
Hostetter, D L 079708
Hoston, D B 076219
Hoston, D B 078240
Hotta, Y 078085
Hou, S M 074718
Houben, J H 073686
Houfek, J 076592
Hough, P 072789
Houghton, G E 073961
Houk, J M 074535
Houk, J M 074536
Houk, J M 074966
House, A 072681
Houska, J 074764
Houska, J 074771
Houska, J 075071
Houska, J 075073
Houska, J 075074
Houston, D F 074142
Houston, D F 074143
Hovda, J T 076622
Hove, K 074504
Hove, P 080939
Hovorka, F 074765
Hovorka, F 075333
Howard, A 073738
Howard, B H 078056
Howard, C J 075727
Howard, D R 075998
Howarth, B 074733
Howarth, B 075043
Howe, R W 079928
Howell, C R 079103
Howell, E L 078540
Howell. G R 079854
Howell, P G 075787
Howitt, A J 079806
Hoy, C E 077822
Hoy, J B 079957
Hoy, J B 079982
Hoyert, J H 081509
Hozoc, M 076056
Hrabetova-Uhrova, A 076754
Hraska, S 077148
Hrdinova, A 074764
Hrdinova, A 074772
Hrdlicka, J 077904
Hriba, V 074576
Hromadko, J 073412
Hrtanek, B 081283
Hruschka, J 079129
Hsam, S L K 076918
Hsia, F Y 078532
Hsia, Y J 078532
Hsiao, T C 076905
Hsieh, D P H 074337
Hsieh, T S 077003
Hsieh, T S 079601
Hsiung, K T 078531
Hsu, A C 074282
Hsu, L S 079851
Hu, B Y L 072683
Huang, C S 079083
Huang, C T 078532
Hubbard, W A 077728
Hubbard, W A 081359
Huber, D M 078358
Huber, H 074186
Huber, J T 074920
Huber, U 073869
Huberman, J A 077351
Hubetzov, S S 075238
Hubler, K 080968
Hubner, B 079630
Hubner, B 081332
Hubner, B 081333
Hubner, R 078539
Hubner, R 078575
Hubner, U 074910
Hubner, U 080722
Hucko, V 074376
Huddart, H 080353
Hudock, G A 077443
Hudon, M 079801
Hudson, G A 073715
Hudson, J F 073230
Hudson, J R 073840
Hudson, L R L 078947
Hudson, R J 074581
Hudson, W J 074914
Huelke, D F 074500
Huerta Hueso, C 079428
Huerta Mendoza, E 074854
Huet, M 078151
Huet, R 073848
Huffaker, R C 079534
Huffmann, E W D 077772
Hughes, B 078269
Hughes, D L 075829
Hughes, D L 075837
Hughes, K L 075646
Hughes, R E 074412
Hughes, R E 074654
Hugoson, G 075861
Huguet, J G 077994
Huhnke, W 077045
Huhnke, W 078654
Huijs, J P G 073077
Huisan, O C 079105
Huisman, G H 075871
Huismans, H 075782
Huismans, H 075788
Huitema, H 075870
Hujnakova, M 074061
Hukusima, T 076851
Hukusima, T 081123
Hull, A C 077773
Hull, B L 076088
Hulpoi, N 077893
Hulpoi, N 081691
Hulse, D A 076093
Hultkvist, L 078420
Hultkvist, L 078760
Humbert, R P 078251
Humlicek, J 078547
Hummel, H G 080848
Humphrey, B 077458
Humphreys, L R 077343
Humphries, E G 080934
Hundt, I 081342
Hunermund, G 075657
Hungate, R E 074635
Hunkel, L 073813
Hunkel, L 073815
Hunnell, J W 074139
Hunnius, W 081402
Hunt, P G 079305
Hunt, R 077429
Hunter-Jones, P 077293
Hunter, A S 077657
Hunter, A S 081311
Hunter, D K 080334
Hunter, D M 079997
Hunter, G L 074678
Hunter, G L 075260
Hunter, J C 074622
Hunter, R 075834
Hunter, R B 077014
Huot, L 080668
Huot, 6 079629
Hurghisiu, I 080432
Hurka, K 080582
Hurle, D H 081747
Hurnik, G I 074734
Hurnik, J F 074734
Hurnik, J F 074757
Hurst, D 072807
Hurwitz, S 074593
Hurwitz, S 074594
Husarova, M 079578
Husband, D D 076320
Husek, J 074453
Husek, J 080965
Huskamp, B 075464
Huskey, R J 077140
Huss, J 076361
Huss, J 076365
Hussainov, J N 080837
Huston, K 076013
Huston, K 076092
Hutchins, R F N 080322
Hutchinson, P B 077236
Hutchinson, T Q 073326
Huth, W 079189
Hutla, D 080815
Hutson, J Y 077693
Hutzinger, O 079481
Huwyler, S 080273
Huxley, J 080533
Hvidsten, H 074612
Hwang, K K 078887
Hyde-Wyatt, B 079557
Hymowitz, T 077724
Hyser, R A 080659
Hytten, F E 073796
Hyza, V 077167
Hyzak, D L 079597
Iacob, N 079874
Iagodin, B A 077727
IAgubov, G Sh 072725
IAniv, Z I 074832
Iannuzzi, L 073562
Iannuzzi, L 081764
IAnovich, V G 074832
IAnpol'skaia, S N 081801
IArnykh, V S 075534
IArov, I I 075142
IAshchuk, F 072735
IAshutin, N V 076209
IAskevich, T F 073696
IAskevich, T F 075967
IAskonis, IU A 077306
IAtakanich, M M 075135
Iatrudakis, S M 081179
IAzynin, V L 074473
Ibis Arese, A 075844
Ibragimov, A A 075941
Ibragimov, I A 081406
Ibragimov, K M 081407
Ibragimova, G G 075599
Ibrahim, R K 077710
Ichikawa, S 077130
Ieva, T 072651
Ievlev, D M 077797
Ignatov, M 075888
Ignatovich, V F 080377
Ignoffo, C M 079708
Igoe, R S 073931
Ihssen, R 075360
Iino, M 074986
Ikan, R 080221
Ikawa, M 077361
Ikeda, Y 073876
Ikuma, H 077536
Il'iash, M P 075135
Il'iashenko, O M 078196
Il'in, G S 077683
Il'ina, L P 081078
Il'inskaya, T N 077388
Il'mendeev, V E 073115
Ilan, J 080367
Ileva, M 077900
Iliescu, H 079375
Iliev, B 072891
Ilieva, W 080735
Iliffe, J 074561
Iliukhina, L A 075149
Iliushin, V P 073122
Iliushina, T L 080171
Ilkhani, A 076063
Illarionova, N P 078637
Imai, H 077782
Imai, H 081115
Imai, S 078280
Imamaliev, A I 077958
Imamura, M 077311
Imata, J 078246
Inaba, Y 075639
Inagaki, I 077510
Incardona, N L 079205
Ingalls, W G 075350
Ingamells, C J 079006
Ingram, D L 074699
Ingram, L O 077433
Ingram, L O 077434
Ingversen, J 077850
Iniguez Herrero, J 081049
Injac, M 080185
Inkson, R H E 077479
Innes, P 075027
Innes, P 078452
Inoko, A 081114
Inoue, K 079076
Inoue, Y 077873
Insko, W M 075324
Intizarov, M M 075933
Ioan, D 074326
Ioltukhovskii, M K 078817
Ionescu, F 079542
Iordanskii, A B 077024
Iosifou, K 075392
Iotov, M 075889
Iovchev, I 073049
Ipatova, G P 075160
Ipinmidun, W B 081229
Iriarte, I 073516
Irland, L C 076554
Irrazabal, R A 073518
Isaac, C G 081809
Isaacs, R J 073034
Isachenko, A G 081803
Isachenko, T I 076839
Isachenko, T I 076865
Isaeva, E S 075600
Isakov, I P 078210
Isakovic, D 081665
Isarevich, Z G 075939
Isawa, T 077789
Isenberg, G 072726
Isensee, A R 080101
Isfan, D 077893
Isfan, D 081474
Ishay, J 080221
Ishchenko, L E 076716
Ishida, K 074739
Ishida, R 078400
Ishida, T 078174
Ishida, T 078175
Ishida, T 081494
Ishida, T 081495
Ishiguri, T 074990
Ishihara, M 078019
Ishihara, M 079252

Ishii, H 074131
Ishii, H 078655
Ishii, H 081119
Ishii, H 081783
Ishikura, N 077377
Ishina, N B 078220
Ishiy, T 079727
Ishizaki, H 078280
Ishizaki, S M 074940
Ishizuka, Y 077922
Iskenderov, G B 077392
Islam, M N 074160
Ismail, I I 079941
Ismailova, F M 081023
Ismailova, T N 081019
Isobe, M 080675
Isogai, Y 077932
Isoi, K 073876
Israelsen, M 074364
Isyar, Y 081744
Itabashi, H 074671
Itagaki, K 075734
Itagaki, R 077032
Itagaki, R 079253
Itai, C 077839
Itai, C 077840
Itin, A 075638
Ito, K 080363
Ito, M 073490
Ito, P J 079469
Ito, T 078023
Ito, T 079826
Ito, Y 075639
Itoiz, J 074570
IUdin, A M 075516
IUdin, V M 075419
Iudintseva, V M 074836
IUkniavichene, G K 077308
IUr'ev, V 073024
IUshchenko, A M 075925
IUsupov, A A 077175
IUzbashev, Ch R 072944
IUzbashev, Ch R 072958
Ivan, G I 072691
Ivanaevskii, V S 073704
Ivanaevskii, V S 076172
Ivanicka, J 077945
Ivanicka, J 081708
Ivanicka, J 081710
Ivanov, A B 072947
Ivanov, N N 077181
Ivanov, P 072881
Ivanov, P 081192
Ivanov, V 073028
Ivanov, V 081186
Ivanov, Y N 080428
Ivanova, E V 078878
Ivanova, L I 072957
Ivanova, M S 081006
Ivanova, S V 077951
Ivanova, T I 081292
Ivansson, G 079295
Ivansson, G 079467
Ivashkene, IA P 074859
Ivashkina, V A 079235
Ivchenko, A S 081298
Iverson, R L 077482
Ivie, G W 079479
Ivin, P C 074086
Ivy, C A 074723
Iwanami, Y 078398
Iwanami, Y 078399
Iwanejko, M 077755
Iwanejko, M 078373
Iwanejko, M 078374
Iwanow, N 073461
Iwata, Y 080051
Iyengar, J R 073573
Iyengar, M S 077422
Iyengar, M S 077423
Iyer, V L 081638
Izarra, D C de 080437
Izawa, S 077407
Izmailov, N M 076769
Izmer, M V 074488
Jaap, R G 075316
Jaap, R G 075317
Jaartsveld, F H J 075872
Jaatinen, S 072746
Jabbir, M H 075568
Jablonowski, Z 075586
Jacaues, A V A 081524
Jackson-White, C J 077859
Jackson, B P 077506
Jackson, D C 079328
Jackson, E B 073823
Jackson, J 075337
Jackson, J E 077996
Jackson, J E 079240
Jackson, N 074871
Jacob, H 081057
Jacobs, A J 072720
Jacobs, A J 072721
Jacobs, J J 072979
Jacobs, J J 081761
Jacobs, M 077147
Jacobsen, D H 073625
Jacobson, B S 077355
Jacobson, B S 078005
Jacobsson, S O 075702
Jacqua, G 078906
Jacquot, R 073750
Jaczewski, S 075309
Jade, S 072686
Jadhav, A S 077155
Jadhav, A S 077158
Jadhav, A S 077159
Jadhav, T K 081208
Jadhawar, U G 073298
Jaeger, J J 074656
Jagannath, M K 077748
Jagannath, M K 078436
Jagannath, M S 080013
Jaggi, I K 077753
Jaggi, I K 081103
Jaggli, F 081565
Jahn, G 076826
Jahn, H R 074274
Jahn, S 074331
Jain, G L 078046
Jain, G L 081380
Jain, J K 081593
Jain, K P 076751
Jain, N K 079030
Jain, P C 079993
Jain, S K 077940
Jain, T C 077421
Jain, V K 076647
Jairajpuri, M S 079350
Jaiswal, S R 081637
Jakimavicius, A 080483
Jakob, K M 077697
Jakob, P 080820
Jakob, W 074271
Jaks, M 076440
Jakubowski, K 075028
Jakubowski, S 075492
Jakuczun, B 076644
Jalanka, M V 073190
James, P 076431
James, P E 081863
Jameson, D M 077359
Jameson, D M 077360
Jamieson, A 081856
Jamnicky, J 076268
Jan, H 077667
Janac, K 080762
Janarthanan, R 079185
Janarthanan, R 079728
Janatka, F 073881
Janco, J 076492
Janda, J 074764
Janet, F 081837
Janiak, T 074703
Janicek, G 073921
Janicka, M 073918
Janik, V 081320
Janiszewski, J 075757
Janjic, V 078072
Janjic, V 079323
Jankaviciute, G 077301
Jankevicius, K 077301
Jankovic, R 078745
Jankovic, R 079488
Jankovic, R 081398
Jankowski, K 078027
Jankowski, M 074714
Janky, D M 074067
Janmaat, A 075871
Janossy, A 077116
Janovics, A 075681
Jans, J 074403
Jansen Van Rensberg, H 077814
Jansen Van Rensberg, H 077817
Jansen, M T 076582
Jansen, W 079293
Jansen, W 079816
Jansen, W 080063
Jansen, W 080111
Jansonius, J 076804
Janssen, E 074468
Janssen, J G M 077271
Janyska, A 079514
Jara, Z 075977
Jardin, C 073668
Jashemski, W F 078822
Jasinska, H Z 078385
Jasiorowski, H A 073558
Jaskonis, J 077303
Jaskowski, Z 081454
Jassem, B 077097
Jauert, R 081280
Jauert, R 081337
Jauert, R 081346
Jauert, R 081348
Jauhari, O S 077981
Jauhari, O S 078587
Javorek, E 077250
Jaworska, H 080274
Jaworska, K 078373
Jaworska, K 078374
Jayachandran, V 081534
Jayaprakash, R K 072719
Jayaraj, S 079831
Jazbec, M 078746
Jazbec, M 081550
Jeanjean, R 077409
Jedlicka, V 074615
Jedruch, J 076045
Jeekel, C A W 080523
Jefferies, P R 077500
Jeffers, D L 078259
Jefferson, L 078935
Jeffrey, A M 077330
Jeffs, D N 081728
Jegatheeswaran, T 075793
Jelinek, K 081284
Jelliffe, D B 073792
Jellinck, P H 074563
Jellison, W L 080595
Jennen, A 078163
Jennings, A R 074782
Jennings, A R 076052
Jennings, D B 074534
Jennings, P B 075630
Jensen van Rensburg, H 077815
Jensen, A H 074928
Jensen, D R 079668
Jensen, E H 078443
Jensen, E H 078444
Jensen, E H 078445
Jensen, F H 080495
Jensen, G L 079811
Jensen, L S 074918
Jensen, P 075286
Jensen, P H 074470
Jensen, P H 074471
Jensen, R G 073765
Jensen, R G 073943
Jensen, W 076534
Jensen, W A 076941
Jenser, G 079677
Jeppson, L R 079632
Jepsen, A 075467
Jerabek, J 075955
Jeremie, J 076989
Jerina, D M 077330
Jerome, F N 075315
Jerumanis, J 073888
Jesser, M J 079632
Jetschmann, K 077364
Jeune, B 076991
Jevremovic, V 078742
Jez, M 080206
Jezek, J 080219
Jezek, S 072804
Jezewski, Z 078459
Jezkova, D 075400
Jha, H C 077923
Jilesen, J W C 075872
Jimbo, S 078353
Jimenez, M F 079354
Jindrova, H 078014
Jirasek, J 072868
Jiratko, J 079079
Jirina, K 076011
Jirmanova, I 074617
Jobin, L J 080668
Jochle, W 075288
Jochle, W 075393
Jogi, B S 077420
Johannlukens, E 073281
Johannlukens, E 073282
Johannlukens, E 073331
Johannlukens, E 073333
Johannlukens, E 075126
Johansen, C 079660
Johansen, C 080149
Johansen, C 080691
Johansson, G 078267
Johansson, H 073038
Johansson, H 073360
Johl, S S 072796
John, C A 078656
John, K O 075814
John, P C L 077397
Johns, R W 080745
Johnson, A D 077687
Johnson, C D 080648
Johnson, C E 080958
Johnson, C M 074752
Johnson, D A 073549
Johnson, D A 074242
Johnson, D W 075615
Johnson, E L V 078645
Johnson, G 081822
Johnson, H D 074658
Johnson, H P 079600
Johnson, I J 077114
Johnson, J A 074099
Johnson, J A 074100
Johnson, J E 081784
Johnson, K D 077884
Johnson, L 078270
Johnson, L A S 076734
Johnson, L F 080137
Johnson, L F 081215
Johnson, M G 074066
Johnson, M W 079178
Johnson, P T C 075088
Johnson, P T C 075089
Johnson, P T C 075090
Johnson, R H 075644
Johnson, R H 075827
Johnson, R H 075828
Johnson, R H 080024
Johnson, S R 079320
Johnson, T H 075324
Johnson, W H 074223
Johnson, W H 074225
Johnsson, H 076356
Johnsson, T 079082
Johnst, F 073685
Johnston, B 073736
Johnston, B 073843
Johnstone, D E 080236
Johnstone, G R 079181
Joiner, R L 079720
Jokantaite, T 074252
Jolivet, J 077525
Jolly, J M 073926
Jonaitis, V 080167
Jones, A L 079806
Jones, A T 079176
Jones, B D 076110
Jones, B E 076354
Jones, B L 077707
Jones, D B 077685
Jones, D G H 076097
Jones, D L 075218
Jones, D M 075541
Jones, G B 074866
Jones, G E 075258
Jones, G E 080101
Jones, H G 076511
Jones, H G 076801
Jones, J B 076022
Jones, J E 074744
Jones, J G W 075027
Jones, J G W 078452
Jones, J L 077239
Jones, J L 078666
Jones, J S L 081556
Jones, L 077474
Jones, M E 080956
Jones, M G 079685
Jones, O P 078057
Jones, O R 081748
Jones, R 081848
Jones, R C 075268
Jones, R F 077329
Jones, R M 075914
Jones, S B 073946
Jones, T E 075646
Joniak, D 076480
Jonkers, J 079418
Jonson, G 075702
Jonsson, E 073204
Jonsson, E 074397
Jonsson, G 075008
Jonsson, G 076009
Jonsson, G 076129
Jonsson, N 076792
Jonsson, P O 078351
Joosse, M L 078030
Jordan, C F 078214
Jordan, F T W 075841
Jordan, F T W 075917
Jorgensen, H 073955
Jorgensen, M 076788
Jorgensen, M 080759
Jorgensen, P M 076623
Jornvall, H 074557
Jorritsma, J 079426
Joseleau, B I 076525
Joseph, A 074211
Joseph, B 077344
Joshi, B S 076919
Joshi, L K 079049
Joshi, R S 081084
Joshi, R S 081641
Joshua, I G 074603
Jost-Geissler, H 076027
Jost, G 078313
Joubert, D J 079007
Joubert, J J 079132
Joubert, L 075740
Joubert, L 075846
Jourdheuil, P 080183
Journet, P 079256
Joussaume, M 078110
Jouvenaz, D P 079635
Jovanovic, M 078071
Joy, K W 078113
Joy, R J 078472
Joy, R J 079543
Joyce, J R 076091
Joyner, L P 075710
Ju-Ichi, M 078026
Juana Sardon, A de 074380
Juda, J 076224
Judge, F D 079386
Judy, K J 080368
Juliano, B O 074136
Juliano, B O 074214
Jungehulsing, H 072904
Junger, H 074119
Jupin, H J 077338
Jurajda, V 075691
Jurca, V 079850
Jurcova, Z 074576
Jurek, J 080895
Jurekova, Z 077699
Jurewicz, I 073923
Jurgel, D 080900
Juruchi, T 080931
Juscafresca, B 078957
Jusko-Grundboeck, J 074712
Jussila, J 075860
Jussila, J 076060
Just, M 075186
Justmann, K 073206
Justmann, K 073604
Justmann, K 073999
Jutte, S M 076879
Juurlink, B H J 074582
Jyotishi, R P 078597
Jyotishi, R P 078608
Kaarre, R 073484
Kabakchiev, I 081189
Kabalin, E G 081181
Kabanov, P N 072958
Kabanov, V D 075416
Kabdler, O 077531
Kacerovsky, O 075073
Kacerovsky, O 075074
Kachru, R B 077974
Kachru, R B 077979
Kaciuba-Uscilko, H 074497
Kaczmarek, A 074714
Kaczmarek, A 075314
Kaczmarek, F 073855
Kadamov, S K 078514
Kadamov, S K 078581
Kader, E M A 077558
Kader, E M A 078146
Kaderli, G 072658
Kadhim, J K 075568
Kadilov, E V 075517
Kading, H 078314
Kadlec, J E 072788
Kadlec, P 074174
Kadlec, P 074175
Kadotani, N 077031
Kadrekar, S B 081207
Kadyan, A S 079661
Kadymov, R A 075971
Kafarov, M Sh 074848
Kafkova, J 074769
Kagramanyan, R S 077212
Kahlem, G 077623
Kahr, M 077838
Kai, H 081127
Kaimakan, I V 078816
Kainuma, K 074105
Kaiser, D C 079733
Kaiser, H F 072774
Kaiser, M N 080000
Kaisrova, A 075329
Kaiumov, M K 081511
Kajita, H 079721
Kajita, H 080360
Kaker, M L 075241
Kakko, H 073656
Kakuliia, G A 079232
Kal'nitskii, B D 075137
Kalachev, R 072825
Kalachik, V M 073542
Kalafa, S 075954

Kalaidzhiev, I 073514
Kalan, E B 073946
Kalashnikov, A P 072970
Kalashnikova, R P 072975
Kalbande, A R 081087
Kaldarar, K 074438
Kaleta, M 076876
Kaleta, M 079399
Kalganov, M P 078582
Kalia, C S 077256
Kaliappa, R 081671
Kalil, E B 078009
Kalinin, V V 074489
Kalinin, V V 075417
Kalinina, L V 078513
Kalkandelen, A 080567
Kallapur, V L 080314
Kalm, E 075295
Kaloshin, P M 081171
Kalous, J 075073
Kalra, M S 073938
Kalsy, H S 078475
Kalter, R J 081699
Kalubikova, E 072689
Kalucheva, I 077900
Kamar, G A R 074575
Kamata, E 077792
Kamata, E 077793
Kamata, E 077794
Kameko, S 081118
Kamenova, A 078482
Kamiki, T 080677
Kaminaga, S 079273
Kaminaga, S 079894
Kaminek, L 079394
Kaminska, A 077099
Kaminski, E 076518
Kaminski, S 074946
Kamiya, N 077277
Kampe, F W 078700
Kampe, W 079462
Kampe, W 079463
Kampe, W 079490
Kampe, W 079515
Kampelmacher, E H 073608
Kampmann, H 072631
Kan, P T 073695
Kan, P T 080145
Kanalin, P 072827
Kanasu, M 080855
Kanaujia, R S 079149
Kanaujia, R S 081044
Kanaujia, R S 081046
Kandasamy, T K 079185
Kandaswamy, T K 079728
Kandyba, A 072829
Kanehiro, Y 081088
Kaneko, J J 074539
Kaneko, J J 074591
Kaneko, J J 074596
Kaneko, S 081122
Kanesawa, H 077035
Kanesawa, H 078933
Kaneta, H 072661
Kania, B F 075502
Kankam, J S 078980
Kannangara, C G 077355
Kannangara, C G 078005
Kannenberg, L W 077014
Kanno, K 078246
Kanopkaite, S 074858
Kanopkaite, S I 074859
Kanopkaite, S I 080801
Kansal, M L 075820
Kantor, H 075684
Kantzes, J G 079336
Kanwar, J S 081076
Kao, C W 081393
Kapelev, I G 077582
Kapetanovic, N 078066
Kapkova, J 074767
Kappel, W 077126
Kappen, L 077475
Kaptar', S G 077090
Kapusta, G 081067
Kapyrin, L P 078510
Kar, R K 076751
Karacali, I 077004
Karadzhov, I 075655
Karagosoff, P 076019
Karagosoff, P 076119
Karaivanov, V 078729
Karapetian, K A 078187
Karara, H M 074647
Karasawa, H 076571
Karasz, A B 073574
Karawya, M S 077558
Karawya, M S 078146
Karg, G 073150
Karg, H 075175
Karikari, S K 077091
Karikari, S K 078036
Karivaratharaju, T V 077825
Karjalainen, L 074316
Karkkainen, M 076296
Karlin, R 073761
Karmanov, S N 079211
Karmanova, E P 074802
Karmanska, K 075591
Karmanska, K 075975
Karn, R C 077443
Karnik, M G 076484
Karns, L 081436
Karpenko, I 073421
Karpisonova, R A 077464
Karpovich, V N 080383
Karppanen, H 074520
Karpukhin, S S 072960
Karschon, R 076370
Karschon, R 078218
Kartnig, T 077555
Kartseva, L N 077633
Kartseva, L N 081413
Karwowska, K 074308
Kas-ianova, N N 081802
Kas'ianov, A N 075856
Kas'ianov, F M 074475
Kasbohm, C 076066
Kaser, M 078708
Kasha, K J 077040
Kashmanova, O I 079327
Kashyap, R 078597
Kashyap, R 078608
Kasimova, G A 079229
Kasimova, G A 079230
Kask, K 077021
Kasperbauer, M J 077658
Kasprzyk, M 077968
Kassai, T 075568
Kassler, D 078692
Kastanek, F 081163
Kastens, W H 073299
Kastori, R 077964
Kasy, F 080370
Kaszap, I 076247
Kaszynski, J 075034
Kataeva, E N 081008
Katagi, T 073876
Katenin, A E 077419
Katenin, A E 081083
Kates, K C 075700
Kato, I 073952
Kato, S 078175
Kato, S 079359
Kato, S 081495
Kato, Y 081164
Katoh, Y 074670
Katwijk, D van 080524
Katz, D 076939
Katz, S E 073581
Kauer, H G 079468
Kauffman, E E 079982
Kauffmann, M 075595
Kaufman, D D 080136
Kaule, G 076877
Kaunisto, S 076397
Kaushik, S N 079661
Kauss, H 078157
Kawamura, T 079260
Kawasaki, T 077786
Kawashima, N 077733
Kawashima, N 077734
Kawauchi, H 074562
Kaz'min, G T 078847
Kazama, F Y 078939
Kazanfarova, V K 076888
Kazarian, V O 077610
Kazarian, V O 077937
Kazarian, V O 078186
Kazarian, V O 078236
Kazarian, V O 078543
Kazemi, R 075048
Kazimierczak, Z 081447
Kazimierska, E M 077076
Kazimierski, T 077076
Kazmierczak, Z 081461
Ke, B 077621
Kearl, C D 072980
Kearl, C D 072981
Kearl, C D 072982
Kearl, C D 072983
Kearl, W G 073141
Kearney, P C 080101
Keaster, A J 079704
Keays, J L 076513
Keays, J L 076532
Keba, A E 075152
Kec, V 078417
Keel, J R 076726
Keenan, P J 077504
Keeney, P G 073931
Kees, H 079465
Keetch, D P 079653
Keetch, D P 079654
Keffermuller, M 080590
Kefford, N P 078120
Kehr, K 072890
Kehr, K 074460
Keirans, J E 080001
Keirans, J E 080572
Keiser, H von 074325
Kel'ner, IU G 081804
Keldys, M V 081616
Kelkar, P V 076708
Kellen, W R 080336
Keller, D G 075222
Keller, J C 079701
Keller, J C 079703
Keller, K 074343
Keller, S 079861
Keller, W F 075453
Kellerman, T S 075780
Kellerman, T S 075790
Kelley, K W 074647
Kellogg, R M 076524
Kelly, G J 078137
Kelly, M J 080812
Kelly, V J 074147
Kelman, A 079129
Kemme, J 074421
Kemmer, A 079464
Kemmer, A 079516
Kempe, W 075370
Kempton, A 079347
Kempton, R J 079239
Kenaga, E E 080135
Kench, J E 074029
Kendrick, J H 080741
Keng, H 076676
Kennan, D M 076116
Kennedy, H E 076406
Kennedy, I R 078002
Kenner, C T 073634
Kenney, J J 074974
Kensley, B 080457
Kenten, R H 079150
Kenzy, S G 075804
Kenzy, S G 075812
Keogh, B J 073874
Keppens, L 075081
Kerimbekov, K K 081286
Kerimova, S N 075971
Kermarrec, A 079355
Kern, M 074619
Kerner, S 078313
Kerr, J C 081477
Kers, L E 076789
Kertesz, F 076247
Kesavan, G 081428
Kessler, B 077485
Kesten, E 080881
Ketola, H G 075059
Kettner, H 080687
Keuning, J A 076146
Keuning, J A 081497
Kevan, P G 080186
Kevern, N R 081821
Kevo, R 076317
Kew, N F 073010
Keyser, B De 077715
Keyser, B de 077984
Khabaev, M 073027
Khabarov, A V 081170
Khabazi, Z 076768
Khabibullin, F Kh 081512
Khachatrian, S M 079410
Khadr, A A 077750
Khadr, A A 079715
Khadzhinov, M I 078508
Khafagy, S M 077556
Khaikina, B I 080146
Khalifa, A 079755
Khalifa, T I 077558
Khalifa, T I 078146
Khalikov, P K 077205
Khalikov, P K 077227
Khalilov, M IU 076341
Khalilov, V M 072955
Khalin, G A 078195
Khalmatov, K H K H 077579
Khamitsaeva, M P 075146
Khan, A G 075317
Khan, A H 077261
Khan, A H 077262
Khan, A M 076921
Khan, Kh 073018
Khan, M A 073568
Khandelwal, C L 079303
Khanin, IA D 078172
Khanna, S S 077753
Khanna, S S 081103
Khar'kov, G D 079327
Kharat, S B 079822
Khare, M N 079030
Kharebava, G I 077296
Khatri, T J 079475
Khepar, S D 081646
Kherdekar, D N 080892
Khinov, G 081190
Khizhniakov, V 072652
Khlebutin, E 072739
Khlusevich, A A 075573
Khmelevskii, B N 075167
Khoazeva, N V 081178
Khodeeva, L P 081294
Khodzhaev, V G 077389
Khokhlov, F F 073110
Kholdeeva, A E 077827
Kholmogorov, V E 077310
Kholod, V M 074829
Kholod, V M 075970
Khoroshev, P I 081077
Khotin, IU A 079187
Khrapkovskii, A I 074473
Khrenov, V M 075944
Khristov, G 078480
Khristov, V V 080654
Khrzhanovskii, V G 076976
Khubenov, G 081188
Khuong-Huu, F 077600
Khurshudian, P A 076999
Kiadi-Matsuela, N 077705
Kiauta, B 080496
Kiauta, B 080525
Kibe, M M 081207
Kichibekov, B S 081019
Kichli, A L 078084
Kiczka, K 074518
Kidder, D E 074808
Kieboom, A M G v d 080766
Kieboom, A M G v d 080765
Kiec, W 075285
Kienast, C R 072676
Kienholz, E W 074902
Kieninger, H 074093
Kiepe, 073039
Kiepe, 081362
Kiersnowski, J 080938
Kierul, Z 081451
Kiesel, G K 075627
Kieser, G 076751
Kiffner, W 078710
Kiger, J L 080178
Kihlberg, R 073809
Kikuchi, M 074988
Kikuchi, M 074989
Kilgore, W W 077759
Kilgore, W W 079719
Kilimar, S E 075405
Killarova, M 077369
Killarova, M 080060
Killermann, W 076827
Kimber, C D 075843
Kimber, G 076917
Kimber, G 076934
Kimber, R W L 079369
Kimeu, B S 077394
Kimpinski, J 079276
Kimpinski, J 079277
Kimura, Y 074261
Kind, J 079190
King, J P 076412
King, S J 081231
Kingslver, J M 080648
Kingston, G 081604
Kinney, T B 074727
Kinsella, J E 074543
Kinzelbach, R K 080636
Kirby, G W 077848
Kirby, J S 078489
Kirby, L K 080804
Kirchgessner, M 074843
Kirchgessner, M 074845
Kirchgessner, M 075154
Kirchhoff, H 075694
Kirchmann, R 077540
Kirchner, H A 079288
Kirichenko, N 073019
Kirik, N N 079073
Kirillova, G A 077829
Kirilov, M P 074372
Kirilov, M P 075149
Kirimi, I M 075795
Kiritani, K 079648
Kiriukhin, V P 079211
Kiriushin, N A 073121
Kirk, E J 074665
Kirk, G 074379
Kirkland, J J 080084
Kirkland, W M 075042
Kirkpatrick, J 072844
Kirkpatrick, R M 077771
Kirkpatrick, R M 081394
Kirpichev, A F 075932
Kirpichnikova, E V 080268
Kiselev, L J 074740
Kiselyte, T 077301
Kishi, K 078932
Kishi, K 079155
Kishi, Y 079273
Kishi, Y 079894
Kishimoto, O 078018
Kisialeu, V N 081585
Kisiel, M 079192
Kiss, A 080813
Kisza, J 073563
Kisza, J 075587
Kitahara, K 080672
Kitaoka, S 080361
Kittock, D L 078261
Kittrell, B U 077924
Kittrell, B U 078541
Kittrell, B U 079573
Kittrell, B U 081508
Kivimae, A 074939
Kiviniitty, K 077628
Kivkutsan, F R 074838
Kjos, J 079292
Klabukov, P G 075409
Klabukov, P G 075412
Klamczynski, H 074197
Klapper, B F 077359
Klapper, B F 077360
Klare, H F 074016
Klare, H J 074015
Klassen, L H 081843
Klatt, G 080778
Klatt, G 080779
Klatt, G 080780
Klausen, S 074997
Klausnitzer, B 080609
Klauzer, L 075953
Klehm, G 080899
Kleiman, G 073279
Kleiman, R 078081
Klein, G 078305
Klein, L M 080959
Kleinert, J 073904
Kleinhempel, H 079167
Kleinschmit, J 076362
Kleinschmit, J 078213
Klem, G S 076505
Klemer, A 074631
Klenczner, A 072874
Klenner, M F 081774
Klepper, B 077856
Kleven, S H 075816
Klevenow, D 074271
Klewitz, R 079036
Klewitz, R 079040
Kliachko, IU A 073914
Kliachko, IU A 074232
Kliats, A IA 074828
Kliemnt, J 075311
Klier, U 078709
Klikoff, L G 077775
Klimov, A A 074483
Klindt, T H 072760
Kline, J R 078214
Kline, J R 081073
Klinefelter, D A 072754
Kling, E 079454
Kling, H F 074386
Kling, H F 074387
Kling, H F 074898
Kling, H F 076118
Klinge, E 074520
Klinkert, L M 073788
Klinskaia, M M 075152
Klinskii, IU D 074840
Klisenko, M A 080146
Kliushnikova, Z S 075925
Klob, W 077531
Klochkov, A M 081010
Klocker, W 078576
Kloes, L J J van der 072679
Klohs, W D 078053
Klomp, G J 078394
Klopfenstein, T 074915
Klopotowski, T 077626
Klose, A A 074074
Kloss, P 077446
Klucznioak, P 075751
Kluczniok, P 075752
Kluge, K H 074005
Klugiewicz, J 081211
Klusmann, 078276
Klusmann, W 078277
Klute, A 081089
Klykken, O 080747
Knaack, J 075371
Knaack, J 075372
Knake, E L 079471

Knapo, A 076444
Knapo, A 080723
Knapp, W R 077651
Kneissl, F 072849
Knezek, B D 081395
Kniazev, K I 075411
Kniazev, K I 075416
Knievel, D P 077297
Knievel, D P 077645
Knifton, A 075337
Knigge, W 076462
Knight, A H 077479
Knight, B L 074561
Knight, H A 076331
Knight, R 076846
Knights, J 073836
Knoch, G 078303
Knoepffler-Peguy, M 077413
Knoth, K E 079037
Knowles, R P 074110
Knowles, R P 078331
Knowles, R P 079452
Knox, S 073766
Knupfer, H 077126
Knutson, D 074388
Knutson, D 074901
Knutson, D 074903
Koba, K 074986
Kobashi, U 077929
Kobayashi, H 081549
Kobayashi, K 077032
Kobayashi, K 079253
Kobayashi, M 074988
Kobayashi, T 079722
Kobayashi, T 079723
Koblet, W 079385
Koblev, IU N 081579
Kobo, K 081113
Kobo, K 081117
Kobryn, H 076045
Kobsa, F 072747
Kobylka, D 074564
Kobza, F 078013
Kobzarenko, V I 081153
Kocan, B 081281
Koch, B A 075344
Koch, G 073191
Koch, H J 078704
Koch, H J 078705
Koch, J 072864
Koch, M 077317
Koch, S D 076666
Koch, V 073477
Koch, W 076861
Koch, W 079038
Koch, W 079464
Koch, W 080115
Kochar, A S 074633
Kochba, J 078734
Kochummen, K M 076679
Kocsmar, F 076309
Kocurik, S 077371
Koczkova, I 075954
Koda, C 078677
Koda, T 079892
Koda, T 080258
Koehler, W 079372
Koelzer, V A 081724
Koenderink, J B 080768
Koenings, J P 081433
Kofler, L 077488
Kogan-Berman, M IA 075418
Kohle, A K 077154
Kohmann, K 076383
Kohnechahri, M 073669
Kohnechahri, M 075848
Kohnke, H H 073180
Koie, B 077850
Kokline, A D 081844
Koksharova, T A 077831
Kokurkin, G A 074374
Kokurkin, G A 075163
Kol'tsov, A Kh 081411
Kol'tsova, T G 075963
Kol'tsova, T G 075964
Kolakowski, E 073911
Kolattukudy, P E 077999
Kolb, E 075021
Kolesnikova, E V 078569
Kolev, D P V 077899
Kolev, M 074810
Kolk, H 074213
Kolk, W D 080840
Kolkhodzhaev, M K 081257
Kollandsrud, M 078767
Koller, G 080704
Koller, H R 077857
Kollman, V H 077693
Kolobova, M L 081293
Kolodchenko, N A 078199
Kolontaev, V M 077085
Kolosha, O I 077955
Kolostori, J 074178
Koloteva, R S 074834
Kolstad, N 075229
Kolstad, N 075230
Koltin, Y 076903
Koltzenburg, C 076460
Komai, T 077785
Komar, M 073691
Komar, M 080144
Komarov, L L 073546
Komarov, L L 074488
Komarov, M I 078171
Komarova, S D 081512
Komarova, Z B 074840
Komchenkov, V 073030
Komes, A 081574
Komischke, E 073530
Komiya, H 077739
Komiya, H 077740
Komnick, H 080301
Komoda, Y 077932
Komov, S V 077396
Konarli, O 078871
Kondo, N 077873
Kondrakhin, I P 076101
Kondrashova, N I 075410
Kondrat'ev, IU N 074826
Kondratenko, E S 077387
Kondratenko, P T 076768
Konermann, H 075682
Koniakhin, A N 075151
Konig, A 075444
Konig, A 080910
Konig, K H 075109
Konijn, T M 077279
Koning, Kde 080903
Konishi, T 074725
Konnecke, G 078301
Konno, S 079252
Kononenko, A I 077241
Kononenko, A V 077020
Kononikhina, N F 077575
Kononov, A 073017
Kononov, V P 075407
Konopatkin, A A 075938
Konopel'ko, P IA 075970
Konopka, J 076269
Konopka, R J 080320
Konoplev, E G 074367
Konova, L 078481
Konovalov, V I 075430
Konrad, J 074481
Konstantinov, L K 078191
Konstantinov, P 074810
Koops, J 073965
Kopec, S 076207
Kopecky, K 076757
Kopecky, K 076834
Kopecky, M 078553
Kopland, D V 074856
Koposov, G F 081176
Kopper, R 080909
Korac, M 078743
Korac, M 078749
Koraddi, V R 081439
Kord, F 072867
Kordan, H A 078028
Kordecki, R 074518
Kordik, H 073382
Kordts, E 075294
Koren, E 079612
Koren'kov, D A 081291
Koreneva, L G 080427
Koreneva, L G 080430
Korf, J K 081704
Korhonen, P 079947
Koriagin, A N 080884
Kormilev, N A 080503
Korn, A H 073985
Korneiko, A V 074816
Korner, W 073261
Korner, W F 073760
Korneva, E I 076768
Kornienkov, A 072821
Kornilov, IU D 073334
Korolev, L I 079414
Koroleva, R S 074371
Koromyslov, V F 076099
Koronowski, P 079033
Korovetskaia, N N 075431
Korpinskii, N P 081310
Korschens, M 077050
Kortschak, H P 077876
Koryttsyna, O M 075411
Korzh, P 072824
Kos, C 073772
Kosaka, K 076026
Kosakai, H 076996
Kosaric, N 074025
Koshkina, L A 075610
Kosiek, E 073895
Kosikova, B 076480
Kosin, I L 074725
Kosinski, W 076322
Kosovets, V S 079388
Kostenko, I I 077955
Kostiuchenko, V A 075433
Kostiuk, N A 078899
Kostov, I 072662
Kostov, L 076085
Kostyra, T 075284
Kot, M M 075427
Kot, S 072971
Kotalawala, J 078604
Kotechenkov, A 073423
Kotel'nikov, G A 075925
Kotel'nikov, G A 075944
Koter, Z 077563
Kothandaraman, G V 081137
Kothari, A 077943
Kotin, N I 081243
Kotliarova, G A 075985
Kotliarova, R P 073117
Kotov, M I 075419
Kotowski, K 075292
Kotowski, K 076050
Kotrcova, M 077905
Kotschetow, S 078732
Kotter, L 073726
Kottl, H 073213
Kotze, J M 079131
Kotze, W A G 078075
Koudela, K 074764
Koudela, K 074766
Koudela, K 074767
Koudela, K 074769
Koudela, K 074770
Koudela, K 074772
Koudela, K 075073
Koudela, K 075074
Koutsaftikis, A 080542
Kouwenhoven, J K 078752
Kovacevic, J 078578
Kovach, I 077632
Kovach, I 079411
Kovacheva, I 078481
Kovacs, Z 076450
Koval, C F 079214
Koval, C F 079215
Koval, C F 079216
Koval'chuk, A A 075398
Kovalenko, A A 081292
Kovalenko, IU 072841
Kovalenko, S P 077221
Kovalev, A I 080987
Kovalev, O V 079553
Kovar, B 072927
Kovar, J 081199
Kovarik, A 074173
Kovtun, N 072842
Kowal, T 076967
Kowal, T 076968
Kowalska, A 079172
Kowalska, M 073916
Kowalska, M 077959
Kowalski, W 074515
Kowalski, W 074516
Kownacka, M 080467
Kownacki, A 080466
Kownacki, A 080467
Koz'iakov, S N 076870
Kozachenko, M R 077216
Kozachenko, V P 072977
Kozakiewicz, B 075753
Kozar, M 075590
Kozar, M 075979
Kozar, Z 075591
Kozhemiaka, N V 074493
Kozhemiakin, N G 076126
Kozhevnikov, A I 081244
Koziell-Piklewska, K 074194
Koziorowska, S 074704
Kozjek, F 077526
Kozlenko, L V 077233
Kozlo, N E 075435
Kozlov, A S 074849
Kozlov, N 072736
Kozlov, S E 075964
Kozlova, L S 074794
Kozlova, Z A 075421
Kozlovskii, V G 075416
Kozlowski, R 074192
Kozlowski, S 074513
Kozlowski, S 077903
Kraan, C van der 080188
Kraan, M v d 080950
Kraan, M v d 080951
Kracht, W 075117
Kraevoi, S Y 077215
Kraevoi, Y 077227
Kraft, H 075526
Kraft, W 074553
Krajniak, E R 076432
Kramer, G H 073859
Kramer, H 076259
Kramer, H H 073458
Kramer, H H 078378
Kramer, K 079712
Kramer, M C 079956
Kramer, S 078703
Kramer, S 079461
Krampitz, G 080107
Krantz, G W 080008
Kranz, J 079041
Kranz, J 079236
Krapfenbauer, A 076241
Krapfenbauer, A 081326
Krasavage, W J 073637
Krasil'nikova, L N 075410
Kraska, B 074631
Krasnova, O I 075412
Kratochvil, L 073969
Kratochvil, L 075329
Kratzer, F H 074746
Kratzig, P 078751
Kratzl, K 076474
Kratzsch, D 081350
Kratzsch, G 078298
Kratzsch, R 073998
Kraus, V 078015
Krause, G F 073663
Krause, R T 080056
Krauspe, R 077545
Krausslich, H 075296
Kravchuk, V 072822
Kravtsova, V I 081806
Krawielitzki, R 074319
Krcmar, B 078423
Kreasky, J B 079668
Krebs, P V 076616
Kredl, F 075139
Kreienbring, F 074911
Kreienbring, F 077051
Kreienbrink, H J 080847
Kreiss, K 080838
Kress, J M 081736
Krestensen, E R 079334
Krestensen, E R 079335
Kretchmer, P B 074356
Kretzschmar, B 075365
Kreuzaler, F 078116
Kriedemann, P E 078102
Krieg, K H 078721
Kriel, J B 073972
Krijgsman, H K 080954
Kriklivyi, I A 077221
Krikoriam, A D 077538
Krimbas, C B 080267
Krinitskii, B A 072948
Krisfan, F 078557
Krishchenko, V P 077632
Krishchenko, V P 079411
Krishna, S 081098
Krishnakumaran, A 080251
Krishnamoorthy, K K 077824
Krishnamoorthy, S 073033
Krishnamurth, K 081387
Krishnamurthy, C S 079014
Krishnamurthy, K 077748
Krishnamurthy, K 078436
Krishnamurthy, K 081378
Krishnamurthy, K V 076878
Krishnamurthy, S 074248
Krishnamurthy, S 078596
Krishnan, K P R 081735
Krishnan, R G 078879
Kristan, F 078497
Kristan, F 078548
Kristan, F 081284
Kriston, I 080673
Kriuchkov, V K 078583
Krivec, A 076469
Krivolutskii, D A 081885
Krivsky, K 077266
Krivucova, M 080141
Kriz, L 074063
Krizan, P 076371
Kroeker, G 079391
Krogman, K K 081597
Krogmann, D W 077407
Kroh, M 076880
Krohn, H 073536
Krohn, H 073537
Kroiss, H 073260
Krokfors, C 072746
Krokhina, V A 075133
Krokhina, V A 075145
Krokhina, V A 075149
Krolak, M 075796
Krolak, M 075801
Kromann, R P 074327
Kromer, G W 073374
Kromer, G W 073535
Kromer, K H 080886
Kromka, R 073610
Krone, J 075895
Kroon, A M 077353
Kroon, D J 081608
Kroontje, W 077925
Kropacova, S 073818
Kroschewski, A 080850
Krug, H 079294
Kruger, W 079032
Kruger, W 079039
Krull, F 074003
Krumbiegel, I 075738
Krupicer, I 075950
Krupina, N D 074234
Krupskii, N K 081005
Kruse, H W 073630
Kruseman, G 080523
Kruska, D 074499
Kruskina, N F 075147
Kryatov, O V 075353
Kryczka, S 075031
Krylova, N V 079145
Krylova, V A 081801
Krynski, A 076132
Krzymowska, H 075586
Krzysik, A 076558
Krzystalowska, H 079540
Krzysztalowska, H 079541
Kuba, E 076461
Kubasov, G M 075440
Kubena, L F 074439
Kubena, L F 074722
Kubena, L F 074755
Kubiak, M 076519
Kubikova, J 076868
Kubo, K 074607
Kubo, T 077035
Kubo, T 078933
Kubota, F 077792
Kubota, F 077793
Kubota, F 077794
Kubyshev, V A 080963
Kucera, J 077127
Kucera, J 077235
Kucera, M 080335
Kucharczyk, N 080097
Kucheriavaia, M I 077176
Kuchinskii, A L 073702
Kuchinskii, A L 080148
Kuciukas, V 075602
Kuckuck, H 077259
Kucsera, G 075722
Kuczka, A 073278
Kudela, M 079508
Kudelina, A G 081298
Kudinov, M A 078878
Kudo, O 076472
Kudriavtseva, A A 077820
Kudriavtseva, L A 076099
Kuhlman, A R 081664
Kuhlmann, F 072782
Kuhn, F 076627
Kuhn, G 073986
Kuhn, G 073987
Kuhn, G 074865
Kuhn,g 081341
Kuhnel, W 078976
Kuhns, E L 075453
Kuhnt, M 073008
Kuijt, J 076636
Kuiken, J C J 073665
Kuiken, J C J 073666
Kuila, R K 073938
Kuiper, D 081609
Kuiper, P J C 077837
Kuka, J 081279
Kukanova, A I 077411
Kukharchuk, P I 077635
Kukielska, C 078250
Kukko, T 076380
Kuksin, N V 081304
Kukula, S 078373
Kukula, S 078374
Kulachenko, V P 074231
Kulaev, I S 077309
Kulas, J 074189
Kulas, J 074195
Kulasek, G 074706
Kulasooriya, S A 077333
Kulbova, V 078790
Kulchaleewan, C 078911
Kulcova, N 077164
Kuleshov, L N 081020
Kulibekov, F M 075971
Kuliev, A M 077020
Kuliev, F S 081023
Kulig, L 076214
Kulik, S A 080584
Kulik, V IA 081266

Kulincevic, J M 080676
Kulinich, P F 078810
Kulish, N 072834
Kulkarni, B G 076646
Kulkarni, M V 081439
Kulkarni, S D 081644
Kulkulka, I 077902
Kulkulka, I 077903
Kumanomido, T 075688
Kumar, A 075551
Kumar, A 081647
Kumar, K 076485
Kumar, P 073945
Kumar, P 080100
Kumar, R 080235
Kumar, R 080410
Kumar, S 077107
Kumari, D L 079017
Kumari, V K K 073714
Kumarin, V V 080794
Kumavov, B 080961
Kumeno, F 074650
Kumider, J 074309
Kundu, P S 081646
Kundyshev, P P 075439
Kunelius, H T 078326
Kunelius, H T 081358
Kunesh, J P 075669
Kunev, M 075094
Kunitomo, J 078026
Kunkel, J G 080326
Kunovski, Z 079064
Kunte, H 081315
Kuntzel, H 079190
Kunz, 079466
Kunze, A 081535
Kunze, A 081538
Kunze, C 081070
Kunze, K 076254
Kunzel, G 077060
Kupchan, S M 077439
Kupchan, S M 077440
Kuperman, F M 077002
Kupicha, F K 076660
Kupka, J 077568
Kupsova, Z 074060
Kurata, S 076678
Kurbanov, G G 080481
Kurbatov, I 072826
Kurbs, S 076909
Kurdzhieva, N 078481
Kureck, A 080256
Kurek, C 075750
Kurek, E 081450
Kurelec, V 074948
Kurhanski, M 078463
Kurihara, Y 074671
Kurilov, N V 075576
Kurilov, P N 075576
Kurir, A 079898
Kurir, A 080279
Kurkela, R 074316
Kurkela, T 079081
Kurlianchik, I A 077002
Kurmangaliev, A B 081255
Kurmarohita, B 076651
Kuroda, S 078280
Kurokawa, I 072857
Kuroki, M 074681
Kuroki, M 074682
Kuroki, M 075297
Kuroki, Y 076943
Kuroyanagi, T 073363
Kurrir, A 079880
Kurteeva, A IA 078800
Kusch, D 073567
Kusec, D J 076570
Kusen', S I 074832
Kushner, Kh F 075426
Kushnirenko, IU D 081303
Kuska, Z 076272
Kusters, H 078653
Kusuhara, S 074739
Kutevin, Z 073305
Kutter, F 073303
Kutuzov, G P 079493
Kuz'min, V P 077023
Kuz'mina, M N 075577
Kuzmanov, I 078748
Kuzminskaia, U A 080146
Kuznetsov, A 072820
Kuznetsov, D I 074233
Kuznetsov, I 072712
Kuznetsov, I 072817
Kuznetsov, N I 075426
Kuznetsov, N N 080583
Kuznetsov, N N 080653
Kuznetsov, S I 078234
Kuzovkov, A D 077388
Kvachakidze, R K 076782
Kvachev, V M 072959
Kvasnikov, B V 077223
Kvasnitskii, A V 075423
Kwiatkowski, T 074704
Kyle, L 073484
Kylin, A 077837
Kylin, A 077838
Kyu, T 073876
Kzylkhodzhaev, S A 073111
L Banting, A de 075822
L'Acqua, V 073627
L'Acqua, V 074020
L'Hardy-Halos, M T 076838
La Massese, C S 079355
La Vergne, D 078135
Laar, H J Van De 078667
Laatikainen, P 076389
Labaznikov, B V 076216
Labenets, V 073420
Labie, C 073679
Labie, C 073978
Laboucheix, J 079163
Laboucheix, J 079696
Labroue, L 076873
Labroue, L 081242
Labuca, J 077629
Lacasse, N L 079306
Lacatusu, R 081201
Lacewell, R D 073135
Lachmann, G 075019
Ladan, A I 076070
Ladan, P E 074835
Ladd, E R 079279
Ladigiene, D 081029
Ladizinsky, G 077046
Ladle, M 080532
Lado, P 078131
Lado, P 078132
Ladonin, V F 079410
LaDue, E L 081826
Ladygina, M E 079212
Ladygina, N M 079363
Ladynina, L P 074133
Ladyzhenskaia, N V 079140
Lafargue, F 076838
Lafay, E 075507
Laffers, A 076373
LaFleur, K S 077673
LaFleur, K S 081226
Lafontaine, J D 076632
LaFountain, J R 076925
LaFountain, K L 076925
Lagally, H 076138
Lagaude, H 079766
Lagrone, W F 073500
Laguta, A F 074367
Lahiri, B 077982
Lahola, J 078286
Lainz, M 076625
Lakata, G D 075725
Lakata, G D 080089
Lake, S G 075879
Laker, M C 081134
Lakin, A L 073743
Lakshminarayana, S 078889
Lakshminarasimhan, C R 081142
Lakshminarayana, S 074248
Lakshminarayana, S 078596
Lakso, J U 079595
Laktionov, A M 075873
Laktionov, B I 078562
Lal, J 076484
Lal, J 077515
Lal, S M 075640
Lall, S P 075037
Lalli, F A 078343
Lalli, F A 078344
Lalli, F A 078345
Lallmahomed, G M 079138
Lalova, M 079546
Lamas M, G 080624
Lamas M, G 080629
Lamb, I M 076738
Lamb, I M 076739
Lambardt, A 075504
Lambeck, H J P 080525
Lambert, G 075662
Lambert, J M 076796
Lambinon, J 081786
Lammers, H W 081317
Lammers, W L 073962
Lamond, J M 076654
Lamond, J M 076659
Lamontagne, G 079634
Lampadius, F 076223
Lampricht, M P 077812
Lanca, I 074209
Lanca, I 078525
Lanckow, J 078691
Lanckow, J 078692
Lanckow, J 078710
Land, B G 077706
Landim, C da C 080686
Landis, B J 079809
Landmann, L D 073039
Landmann, L D 081362
Landolt, E 077265
Lane, J G 076076
Lane, S 073131
Lang, I 081388
Langdale, G W 077663
Lange, A H 079432
Lange, B 078691
Lange, G A de 072998
Lange, H 072809
Lange, H 072889
Lange, H 074994
Lange, R W 076287
Langenfeld, M 074707
Langer, K H 078699
Langeveld, L P M 073654
Langeveld, L P M 073655
Langille, J E 078328
Langille, R H 079704
Langin, E J 081531
Langin, E J 081612
Langley, P A 080264
Langner, H J 073839
Langsford, G L 074866
Langworthy, V W 081599
Lanquetin, P 076720
Lanser, E 074679
Lansford, R 073550
Lansford, R R 072968
Lanyon, L E 074805
Lanza, F 078387
Lanza, F 078388
Lanza, G R 081732
Lanznai, G A 077871
Lao, C 081739
LaPage, W F 081864
Lapchuk, V G 078193
Lapin, B I 072951
Lapinskiene, N 076890
Lapkin, M M 075386
Lapras, M 075490
Lapushkov, A G 076167
Lapushkova, V V 074373
Lapwood, D H 079136
Lapygin, I 073023
Larbier, M 075076
Larochelle, A 080538
Larroche, D 079912
Larroche, D 080438
Larsen, B 077268
Larsen, B 077274
Larsen, J 076934
Larsen, J R 080317
Larsen, M R 072715
Larson, D A 077398
Larson, F C 081719
Larson, F C 081872
Larson, L L 075184
Larsson, O 078757
Lartaud, G 079439
Larter, E N 076918
Lartseva, S Kh 074831
Larue, B 077325
LaRue, J H 078650
Laryea, K B 081227
Lasa, J M 077915
Lascelles, A K 075835
Lascombes, G 076873
Lascombes, G 081242
Lashnev, V I 081287
Lassak, E V 077346
Lassoudiere, A 078686
Laster, D B 075275
Lastovka, P 079940
Laszlo, L 076451
Latard, P 079256
Lategan, S 077451
Latif, B M A 075909
Latkovics, Mrs G 081285
Latorre, B A 078891
Latour, A 075085
Latowski, K 076967
Latuszynska, J 076171
Latuszynska, J 076561
Lauder, I 076074
Lauderdale, J W 075209
Laudien, H 076861
Launay, A N 074624
Launchbaugh, J L 077779
Launer, J E 080053
Laurens, A 080770
Lauret, R 073680
Lauret, R 074046
Lauridsen, C 073449
Lauridsen, C 079995
Lauryn, M 076277
Lausi, D 076691
Lauvergne, J J 075345
Laville, E 078972
Laville, E 078973
Lavini, A 073894
Lavintman, N 078160
Lavrenko, E M 076575
Lavrinovich, E S 073098
Lavrishchenko, V K 081526
Lavrova, I A 081291
Lawniczak, M 076567
Lawson, K 080396
Layrand, D B 077288
Lazar, G 077868
Lazar, V 074063
Lazarev, IU P 075150
Lazarus, L H 075638
Lazewska, M 074517
Lazurskii, A V 081308
Le Bars, H 075822
Le Buanec, B 078281
Le Clerch, J 077490
Le Men-Olivier, L 077603
Le Men, J 077603
Le Menec, M 075579
Le Priol, A 075579
Le Roux, J 073884
Le Roux, P J 075005
Le Turdu, Y 075579
Le Van Duc, 080962
Leahey, J M 074963
Leamy, M L 081327
Leander, K 077971
LeBaron, A 073130
LeBaron, A 073134
Lebedev, E A 081309
Lebedev, S I 077832
Leblanc, L 076187
Lebreton, P 081770
Lebrun, J P 076605
LeCato, G L 079923
Lecatsas, G 075783
Lecatsas, G 075789
Lecher, P 080189
Lechowski, Z 077281
Lechtenberg, B L 077651
Leckstein, P M 080315
Leclercq, J 080520
Ledecova, B 077945
Ledecova, B 081708
Lederer, T H 076542
Ledesma, N R 072705
Ledford, R A 073961
Ledger, M A 075795
Lednev, P I 075428
Lee, A T 076728
Lee, B W 078648
Lee, B W 079257
Lee, C J 075864
Lee, C S 075272
Lee, E Y C 077998
Lee, J E 079970
Lee, T H 072795
Lee, T R 081875
Lee, V F 080502
Leeuw, P N de 075344
Leeuwrik, D M 073400
LeFever, D G 075217
Leffler, J 078695
Lefohn, A S 081772
Leggett, J E 077809
Leggo, J H 075652
Legner, E F 079638
Legner, E F 079953
Legner, E F 079959
Legner, E F 079987
Legoshin, G P 075410
Legoshin, G P 075412
Leguary, J J 077589
Lehmann, E 074347
Lehmann, F 073316
Lehmann, H 074000
Lehmann, J 078139
Lehmann, J 078432
Lehnert, C 075762
Lehotsky, L 076372
Lehotsky, L 076374
Lehtiniemi, T 076388
Lehtiniemi, T 079077
Leib, E 079422
Leibovitz, L 075810
Lein, K A 077993
Leinweber, C L 079485
Leipold, H W 076013
Leipold, H W 076092
Leiser, A T 076351
Leistner, L 073606
Leistner, L 073609
Leitgeb, R 074937
Leitgeb, S 074775
Lejambre, L F 075709
Lejsek, T 073880
Lekamtseva, V N 077472
Lekavicius, A 076611
Lekve, O 078693
Lekve, O 078694
LeLacheur, K E 074172
Lele, V C 079221
Lell, J D 076385
Lelley, J 079519
Lemay, J P 075301
Lembcke, G 076314
Lemez, L 074614
Lemez, L 074615
Lemke, G 077045
Lemke, H J 074010
Lemmens, J J 078688
Lemmer, U 074601
Lemoine, R V 073266
Lempke, B J 080519
Lenahan, R J 073304
Lenahan, R J 073638
Lendzian, K 078229
Lengerken, G von 074466
Lengnick, H 075525
Lenic, J 076506
Lenic, J 076507
Lenka, D 078363
Lenka, D 081622
Lenka, D 081649
Lenkovskii, B L 078806
Lenschow, J 075186
Lenschow, J 075188
Lenton, J R 077502
Lentz, P L 079026
Lenz, W 074094
Leonard, S W 076667
Leonard, T J 077448
Leonard, T M 074914
Leonardi, G 075778
Leone, J L 073569
Leonhardt, R 073450
Leonov, N I 075151
Leonova, L A 078092
Leopold, A C 077855
Leopold, A C 078122
Leopold, R 074003
Lepiksaar, I 078698
Lepkovsky, S 074629
Lepock, J 074796
Lepper, A W D 075648
Lepper, A W D 075653
Lerario, P 078988
Lerke, P 073566
Lerner, J 074566
Lersner, H F von 081762
Leshchenko, A K 077172
Leshchev, V V 073695
Leshchev, V V 080145
Leshem, B 077005
Lesis, D T 081203
Leske, G 072699
Lesniak, A 080461
Lesnik, F 075956
Lesperance, A L 074652
Lessel, W 076364
Lester, D T 076338
Lestra, T 075741
Leszko, M 074194
Letnes, A 078769
Letov, G S 080045
Letova, G I 080045
Lettner, F 074936
Lettner, F 074938
Letton, E 076066
Leuba, J L 078108
Leuteritz, G 075359
Leutskaia, Z K 075609
Levantin, D L 074473
Levantin, D L 074487
Levantin, D L 075415
Levantin, D L 075438
Levantovskii, S A 075169
Levchenko, N G 076946
Leveille, G A 074967
Levenko, B A 077224
Leverton, R M 073723
Levicky, V 074618
Levin, D H 076021
Levine, J 080312
Levy, G 080575
Levy, J 077603
Levy, J F 076879
Levy, W 075553
Lewartowski, B 074514
Lewin, J 081660
Lewis, D J 080635
Lewis, L F 079968
Lewis, L F 079973
Lewis, L N 078938
Lewis, M W 081788
Lewis, R 075642
Lewis, T L 078001

Lewis, W C 072717
Lewis, W C 073553
Leyk, W 075657
Leys, R 072764
Lhotsky, J 076280
Li, C H 074562
Li, C Y 078942
Liaaen-Jensen, S 077554
Liakhova, I G 076860
Liang, G H 077013
Liapunova, N A 080442
Liatifova, A Kh 076816
Liau, S 077710
Libal, G W 074956
Libbenga, K R 077989
Libbey, L M 073635
Libbey, L M 074284
Libbey, L M 080095
Libov, L 073012
Lichko, L P 077309
Lichtenstein, E P 080091
Lichvar, I 074852
Liebler, K 073210
Lieftinck, M A 080517
Liepa, A J 077439
Liepinis, A 081034
Liese, W 076477
Liljedahl, L E 075173
Lillard, D A 074721
Lillard, D A 080125
Lillie, R J 075061
Lillie, R J 075318
Lillie, R J 075325
Lillie, R J 080126
Lillie, R J 080127
Lillie, R J 080128
Lima-De-Faria, A 080274
Lima-De-Faria, A 080275
Lima, F P 074891
Lima, S do N 074934
Limbach, S T 079740
Lime, B J 074212
Limon De La Oliva, F 076824
Limon de la Oliva, F 079788
Limongelli, J C 078185
Limouzin, F 077994
Lin, C F 081239
Lin, H J 074746
Lin, S S 077013
Linam, J H 080033
Linares Marquez de Prado, J F 073166
Lindahl, I L 075700
Linde, F 079450
Lindegaard, J 079499
Lindegren, J E 080333
Lindegren, J E 080336
Lindell, L 074345
Lindemann, C B 075210
Lindemann, E 075362
Linden, R 074266
Lindmo, A 076205
Lindquist, R K 079840
Lindsay, D C 076737
Lindsay, R C 073889
Lindstrom, F T 080131
Lines, R 076208
Link, L A 078542
Link, V G 081149
Linke, E 072931
Linley, P A 078148
Linnebach, A 073891
Linon, P G 073504
Linser, H 077486
Linskens, H F 077879
Linz, M D 073711
Linzon, S N 079401
Linzon, S N 081870
Lipa, J J 079665
Lipatoff, V 079439
Lipe, J A 077863
Lipets, A A 074159
Lipinska, J 074297
Lipovich, I V 074799
Lippmann, R 075496
Lipska, T 072740
Lipson, M 074052
Lipton, D E 075892
Lipton, J M 074508
Liptrap, R M 075183
Lis, H 075744
Lisa, V 079204
Lishman, P H 073507
Lisitsyn, N I 078561
Lisovskii, G M 077182
Lisowski, J 074502
Lister, C K 079888
Liston, D 081767
Listov, P N 080755
Little, C H A 078206
Little, C O 074916
Littlefield, L H 075039
Littleton, T G 077663
Litun, P P 077174
Litvinenko, L G 077832
Litvinenko, V I 077581
Litvinova, K N 072756
Liu, C I 075862
Liu, L H 075864
Livanov, K V 078584
Livshits, I Z 080583
Livshits, I Z 080653
Ljungberg, U 073706
Llewellin, J M 074560
Llewellyn, M 080315
Llorca Esquerdo, T 073159
Lloyd-Jones, C P 078099
Lloyd-Jones, J G 077497
Loach, K 078206
Loan, C C 080548
Lobanov, G L 075166
Lobas, N D 075142
Lobreau-Callen, D 076750
Lobyreva, L W 077270
Locatelli, A 075672
Locatelli, M 073501
Locatelli, M 080134
Locker, R H 074035
Lodetti, E 075779
Lodge, J R 074736
Lodrini, E 075779
Lodrini, E 076040
Loeser, C J 081722
Loewus, F 078232
Loewus, M W 078232
Lofgren, C S 079635
Lofty, J R 079685
Lofvenberg, S 074334
Loggins, P E 075613
Logiswaran, G 079301
Lohammar, G 076785
Lohammar, G 076794
Lohmann, B 073349
Lohr, J E 075524
Lohr, J E 075530
Lohrke, B 075370
Lohrke, B 075374
Loi, N P 079496
Lokemoen, J T 074414
Loken, K A 076505
Lokvenc, T 076378
Lombard, M 075490
Lombard, M 076053
Lombard, S H 073976
Lommatzsch, R 080717
Lomov, S P 081177
Lonenecker, G W 078863
Long, D 076351
Long, J T 074718
Long, J W 077801
Long, J W 079497
Longenecker, D E 077912
Longenecker, G W 078849
Longenecker, G W 078850
Longenecker, G W 078851
Longenecker, G W 078860
Longenecker, G W 078861
Longenecker, G W 078862
Longenecker, G W 078864
Longenecker, G W 078865
Longo, C P 077870
Lonkai, J 076448
Lood, R C 079887
Lookeren Campagne, P van 072923
Looman, J 078334
Loomis, R B 080569
Loon, J C van 081791
Loose, L D 075676
Loper, G M 080670
Lopes, J 073362
Lopes, N F 077819
Lopez Cortegano, J M 079787
Lopez Garcia, H 078256
Lopez Martinez, M C 074130
Lopez, S V 076824
Lorbeer, J W 079054
Lord, W J 078681
Lord, W J 078867
Lordello, L G E 079389
Lordello, R R A 079389
Lorenz, G 075371
Lorenz, G 075372
Lorenz, M D 076109
Lorenz, P 074028
Loreti, A 081835
Lorgue, 076131
Lorilla, D 074863
Losada, M 077352
Losada, M 077541
Lott, B D 074722
Lott, G 073595
Lotti, G 081002
Louis, T M 075349
Lounasmaa, M 077415
Louveaux, A 080284
Louw, G N 075092
Louw, H A 077451
Lovachev, L N 073700
Love, A 076806
Lovelidge, B 073241
Lovelidge, B 080853
Lovely, W G 079600
Loven, L 076297
Loveys, B R 078102
Lovkova, M OA 077683
Lowe, P C 074727
Lowe, P C 074728
Lowe, R 080819
Lowe, R H 074163
Lowe, R H 074167
Lowe, R H 074226
Lowrie, R C 080343
Loy, W G 072675
Lozitskii, A Y 076993
Lozitskii, A Y 078827
Lu, K C 078942
Lubenez, P 077115
Lubianskiene, V 077301
Luca, A 081235
Lucas, G 076315
Lucas, G B 079142
Lucas, G B 079031
Lucas, R 073485
Lucci, C de S 074572
Lucci, C de S 074890
Lucci, C de S 074894
Lucci, C de S 074895
Lucci, C S 074573
Luccitti, L 080786
Luce, W G 074429
Lucic, P 078065
Lucil, R 078619
Lucius, J 080828
Luck, H 073776
Luczynska, J 077624
Luddecke, F 078315
Ludecke, T E 081327
Ludeke, K L 081548
Luder, W 078349
Ludke, H 076005
Ludke, J L 079645
Ludlam, F A B 079843
Ludsys, L 075605
Ludsys, L 075993
Ludvigsen, F P 076290
Luecke, D H 079943
Luetkemeier, O W 078358
Luft, U C 074538
Lugaresi, C 079086
Lugovskaia, E IA 077635
Luis, J G 077499
Luisetti, J 078910
Luisetti, J 079122
Luisetti, J 079123
Luk'ianova, M F 078509
Luk'iashko, I G 074486
Lukacs, G 077600
Lukashevich, R S 080043
Lukezic, F L 079312
Lukic, A 079142
Lukina, A N 072943
Lukshis, L P 075606
Lukshis, L P 075607
Luksys, L 075604
Luksys, L 075989
Luksys, L 075990
Luksys, L 075991
Luksys, L 075992
Lulczynska, K 074713
Lumaret, R 080642
Lumkes, L M 081553
Lund-Heie, K 080118
Lund-Heie, K 081833
Lund, J W 080760
Lundberg, P E 078260
Lundberg, P E 079417
Lundgren, O 074519
Lundqvist, N 076786
Lundqvist, T 078755
Lundstrom, L 074860
Lundstrom, L 080986
Lungulescu, G 075341
Luning, B 077971
Luntz, A J M 080261
Lunzmann, K 076193
Lupton, F G H 078903
Luque, J A 081697
Lur'e, S 072819
Lusk, E E 079976
Lust, S 079038
Luthgen, W 075684
Lutkov, A N 077204
Lutkov, A N 077211
Lutomski, K 076567
Lutro, K 073443
Lutsenko, N A 077472
Lutz, R W 076894
Lux, H 076211
Lux, P 079460
Luxardo, E S 073300
Luxmore, R J 077643
Luzgina, V D 072756
Lyda, S D 079109
Lykov, A M 081262
Lynch, T 073002
Lyngheim, M 078768
Lynskey, V S 072937
Lyon, J P 080239
Lyons, E T 081865
Lyre, H 079520
Lyre, H 080935
Lysak, G N 081581
Lysenko, O 080257
Lysogorova, E A 072953
Lyubimova, V F 077232
Lyzhina, V A 075940
Maack, H H 080835
Maag, P 073745
Maas, F D 072669
Maassen, A W P 080515
Mabee, M S 074541
Mac-coll, R 077324
Mac-kellar, I 073712
Maca, E 074576
Macchia, V 078138
MacConnell, W P 081230
MacDonald, D W 077462
Macdonald, I 073747
Macdonald, K R 075665
Macdowall, F D H 077709
Macedo, W 078415
Macek, H 073882
MacEwan, D M C 081042
Macfarlane, R C 073347
MacGregor, J J 076294
Mach, O 075691
Machackova, I 077905
Machain L, 079681
Machala, J 080710
Machalek, E 075071
Machej, J 075954
Machlin, L J 074962
Machnikowski, H 072887
Machova, J 075954
Mackauer, M 079649
Mackay, B H 074053
Mackay, J F G 078205
MacKechnie-Jarvis, C 080536
MacKellar, I 073711
MacKenzie, G M 074786
Mackiewicz, Z 081471
Mackin, R J 074743
Mackrott, 074883
MacLaury, D W 075324
MacLeod, J A 081358
MacMillan, J 077549
MacMillan, K L 075194
MacNeil, J H 073931
Macon, J W 076556
Maconochie, J R 076731
MacQueen, A 079990
MacSwan, I C 079047
Madatov, R I 080690
Maddex, R 073484
Maddex, R 073485
Madej, J A 075293
Mader, E L 081381
Madgwick, J 077268
Madgwick, J 077274
Madhava Rao, V N 078083
Madl, B 073816
Madsen, C R 080120
Madsen, H K 075223
Madsen, S D 073318
Maeda, K 078999
Maeda, Y 076911
Maekawa, K 077449
Maekawa, K 077450
Maekawa, K 079002
Maekawa, K 079003
Maestri, M 077590
Maestrone, G 075626
Maeta, Y 079722
Maeta, Y 079723
Maevskaia, L M 081287
Magdum, R P 076705
Magee, D F 074609
Magerramov, S G 078024
Magie, R O 078966
Magnani, G 079435
Magnard, P 078629
Magnol, J P 074577
Magomedov, K K 081264
Maguire, T 080003
Magurov, P F 077086
Magyarosy, A 078934
Mahadevappa, M 078435
Mahadevappa, M 078437
Mahadevappa, M 081437
Mahamulkar, S H 076949
Mahan, D C 074921
Mahannah, C N 081672
Mahapatra, I C 073400
Mahapatra, I C 081096
Maheshwari, J K 076648
Maheshwari, S C 077620
Mahr, M 074318
Mahunka, S 080610
Mai, V V 075935
Mai, W F 079309
Mai, W F 079310
Mai, W F 079311
Maier, J L 073095
Maier, M 077475
Maier, V P 074282
Mailloux, M 079802
Main, C E 079089
Mainardi, B 078496
Maiorov, B A 075965
Maiorova, N N 073128
Maire, R G 076351
Maissiat, J 080324
Maiti, S 081385
Maiti, S C 077977
Majak, W 077405
Majak, W 077503
Majczakowa, W 076170
Majczakowa, W 076559
Majerciak, P 075032
Majerciak, P 075033
Majewicz, T 075753
Majewski, T 075755
Majisu, B N 078306
Majka, J A 075664
Majoor, G D 080187
Major, P 076160
Majovsky, J 076618
Majstorovic, G 078067
Majumdar, S K 080119
Majumdar, S K 080385
Majumdar, S P 077507
Majumder, P K 077007
Majumder, P K 078589
Majumder, P K 078603
Majumder, P K 078605
Majumder, P K 079218
Majumder, P K 079220
Makarov, I P 081714
Makarov, V A 073693
Makarov, V A 076168
Makarova, G V 074373
Makeenko, M 072836
Makeev, M A 078584
Makela, J 076549
Maker, H J 081149
Makhaev, E A 075145
Maki-Tanila, A 076704
Maki, Y 077131
Makinoda, M 077739
Makinoda, M 077740
Makovnik, S 076490
Makowski, N 078322
Makrushin, N M 078505
Maksakov, V IA 075164
Maksimenko, L D 078563
Maksimovic, M 079919
Maksimovich, V V 075961
Maksteliene, Z 074252
Malac, B F 076340
Malaguti, G 078894
Malaguti, G 078895
Malakhova, T I 075963
Malanowska, J 074368
Malashin, V D 073085
Malashin, V D 077180
Malcolm, L A 073707
Malczewski, A 075592
Maldonado, J M 077352
Malek, J 076852
Maleki, M 073669
Maleki, M 075848
Maletskii, S I 077211
Malgeryd, L 073061
Malhotra, S K 076706
Malhotra, S K 076709
Maliga, P 077146
Maligalig, L L 073845
Malinowska, A 074705
Malinschi, V 072692
Maliugin, N V 074835
Malkinson, A M 077357
Mallanna, K N 078434

Mallet, V 080099
Malmin, C 078766
Malmo, J 075645
Malo, E 078591
Maloney, R L 073912
Maltabar, A L 078800
Maltabar, L M 078800
Maltabar, L M 078809
Maltabar, L M 078810
Maltabar, L M 078813
Malysheva, V F 077578
Mamadyshskii, I A 081404
Mamajev, S A 076222
Mamajev, S A 078243
Mamatelashvili, V G 075172
Mamedov, A K 077065
Mamonov, L K 077913
Mamutov, Zh U 081256
Mamytov, A M 081267
Man'ko, I V 077578
Manabe, K 078127
Manchester, A C 073322
Mandal, L N 081094
Mandava, N 077754
Mandersloot, H J 079281
Mandle, E 073332
Manevich, Sh 073014
Manglo, I O 079080
Mani, P 075883
Manickam, T S 081137
Manka, K 079099
Manley, J M 074750
Manley, W T 072909
Mann, H J 076335
Mann, H O 081531
Mann, H O 081612
Mann, J S 077746
Mann, W F 076408
Mannebeck, H 074344
Mannebeck, H 080915
Mannering, J V 081546
Manners, M J 074808
Manning, A C C 074595
Manolescu, N 076056
Manrakhan, J 073502
Mans, R J 077695
Mansell, R L 077408
Mansfield, M E 075632
Mansour, N 079529
Mansour, O Y 076482
Manthy, R S 076286
Manz, D 075683
Manziuk, V T 081493
Manzyuk, V T 077216
Mao, C P 077921
Mao, C P 079555
Mapes, C J 075711
Mapes, C J 075712
Mapes, C J 075713
Mapledoram, B D 081420
Mappledoram, B D 078403
Mappledorma, B D 079502
Marada, J 075355
Marais, P G 078075
Maraldi, N M 074605
Maraldi, N M 075687
Marasas, W F O 075780
Marasas, W F O 075790
Marcato, P S 075776
Marceau, L 076886
Marceno, C 076840
March, A W 081606
March, B 076300
March, B E 075060
Marchesi, G 078824
Marchetti, L 079086
Marciulionis, V 077681
Marck, E 080115
Marcoot, R E 075244
Marcos Filho, J 079742
Marechal, L 077570
Margolin, S E 074817
Mariappan, V 079186
Mariappan, V 079513
Mariau, D 079836
Marie, R 077018
Marinen, S 074925
Marini, D A 078625
Marinko, I 072836
Marinova, R 078792
Marion, W W 074079
Markgraf, F 076604
Markham, K R 076747
Markiewicz, Z 074695
Markmann, M 075115
Markova, K V 075410
Markova, V V 075434
Marks, C F 079316
Marks, C F 080110
Marks, H L 074715
Marks, H L 074733
Marks, H L 075043
Marlowe, T J 075254
Marme, D 078145
Maroder, H L 079591
Maronde, E 074363
Marquard, R 077726
Marquardt, R R 074568
Marquez Yanez, A 074447
Marquis, D L 073500
Marr, C 081399
Marre, E 078131
Marre, E 078132
Marsboon, R 075523
Marschang, F 074600
Marschner, R 078701
Marsh, P B 078993
Marshall, A G 081776
Marshall, N J 076848
Marson, R 072925
Martel, P 079801
Martel, P 079842
Martelli, G P 079173
Martelli, G P 079174
Martem'ianov, P B 078220
Martens, H 075983
Martens, J 080639
Martens, J W 079157
Martens, P H 080074
Marthedal, H E 075468
Martin, D 078001
Martin, D F 079447
Martin, D H 080006
Martin, G M 077137
Martin, H F 074665
Martin, J A 073523
Martin, J A 081700
Martin, J H 073930
Martin, J P 077418
Martin, J P 081082
Martin, M J 074664
Martin, R H 074973
Martin, R J 076059
Martin, S C 078390
Martin, U 074393
Martineau, R 079886
Martineau, R 079905
Martinenghi, G B 074295
Martinez-Carrasco, R 077990
Martinez, A 074863
Martinez, M 078949
Martinic, Z 074122
Martinod, P 077557
Martins, U R 080626
Martoja, R 080192
Marton, L 077146
Martynkevich, A I 075402
Martynov, IU F 075181
Martynova, E F 080230
Martynovich, N N 079494
Marusin, M 072816
Maruszak, E 076170
Maruszak, E 076559
Marvan, F 074762
Marwah, P 077942
Marwaha, S R 074633
Marzan, G T 074647
Marzluf, G A 077328
Maschenkow, W 073463
Mashurov, A M 075237
Mashurov, A M 075409
Masiga, W N 075831
Masincupp, F B 074455
Masincupp, F B 075106
Masiuk, A N 072961
Maslekar, A R 076265
Maslekar, S R 077157
Maslennikov, V V 081561
Masler, V 079400
Maslovskii, V V 081289
Maslukhina, A G 075937
Maslumov, A 077123
Mason, A 079278
Mason, A H 079270
Mason, A H 079891
Mason, C E 079637
Mason, D D 077642
Mason, T A 076008
Massantini, F 077630
Massauer, E 073145
Massauer, E 076235
Massengale, M A 078472
Massenot, M 077319
Massenot, M 079421
Massey, G M 075462
Massey, G M 075537
Massfeller, D 079033
Massino, I V 078514
Massino, I V 078581
Masson, W 078777
Mast, M G 073661
Master, R W P 079166
Mastrangelo, P 075987
Masui, J I 081118
Masui, J I 081122
Mate, F 081285
Mateescu, S 081234
Mateeva, O 081193
Matei, I 081473
Matejusova, D 074766
Mateos, J P 081047
Materikin, A M 075576
Matherne, R J 078526
Mathers, L H 074790
Mathew, P K 081656
Mathews, C 081656
Mathias, E L 078260
Mathias, E L 079417
Mathias, M M 074587
Mathis, A G 073417
Mathur, B P 078272
Mathur, B P 078634
Mathur, N K 078892
Mathur, N K 080281
Mathur, R C 081278
Matic, M F 073383
Matinian, I G 077608
Matinian, I G 077609
Matlock, W G 081603
Matolcsy, G 080062
Maton, I A 080852
Matos Cardona, W 073292
Matousek, J 075246
Matousek, J 075274
Matovic, A 076441
Matovic, J 076496
Matsenov, V 078566
Matsepa, R L 075609
Matskevich, N V 079388
Matsneva, N G 079495
Matsneva, N G 081125
Matsov, B 078481
Matsubara, S 078010
Matsuda, T 078280
Matsui, M 081166
Matsui, N 074261
Matsuka, M 080671
Matsumoto, S 080513
Matsumoto, T 075056
Matsumuro, T 075735
Matsushima, M 074986
Matsushita, K 081116
Matsuyama, A 080805
Matsuyama, S 077739
Matsuyama, S 077740
Matsuyama, S 081366
Matta, H 075240
Matthee, F N 079007
Matthew, J A 074289
Matthew, J A 078061
Matthews, R E F 079209
Matthews, W H 081726
Mattig, 080880
Mattos, H B de 081322
Mattos, J C A de 074888
Matula, J 077887
Matusevich, V F 081867
Matusiak, R 076519
Matveenko, L F 076768
Matveev, B S 074685
Matveeva, E P 078486
Matveeva, N B 077288
Matzon, C 081794
Mau, S L 077326
Mauderly, J L 074538
Mauer, G 080821
Maul, W 080827
Maule, A P 073861
Maurer, A J 074080
Maurer, C A 074603
Maurice, S D 081864
Maurya, A N 077941
Mausezahl, C 081335
Mauss, E 073345
Maw, G A 079239
Maxcy, R B 073662
May, B E 079613
May, J D 074439
May, J D 074722
May, J D 074755
Mayalagu, K 081137
Mayano, J S 078080
Mayaudon, J 081220
Mayaudon, J 081221
Mayende, J S P 075595
Mayer, B G 075075
Mayer, H 076343
Mayer, M S 080318
Mayer, R M 077359
Mayer, R M 077360
Mayer, R T 074639
Mayer, R T 080082
Mayer, T C 075259
Mayfield, J E 079104
Mayntz, M 074679
Mayo, M A 079176
Mayo, M A 079179
Mazepin, K G 077797
Maznicki, L 081446
Mazoyer, R 078268
Mazumdar, A K 074097
Mazurek, J 077757
Mazurovskii, L Z 074486
Mazzani, B 078262
McArthur, J A B 074434
McArthur, J A B 075029
McArthur, J A B 075305
McArthur, J A B 075306
McArthur, J A B 075307
McArthur, J A B 076292
McArthur, M 073741
McAvoy, F J 073399
McCall, W W 081367
McCall, W W 081368
McCartney, M G 073072
McCartney, M G 075321
McCartney, M G 075322
McClintock, D 076767
McClure, J W 077845
McCluskey, E S 080394
McConnel, D B 079271
McConnell, I W 081825
McCormick, W C 074931
McCoy, R E 079197
McCracken, R J 077642
McCraw, B M 075663
McCray, T L 079923
McCready, S T 075062
McCullagh, K G 076058
McCully, W G 077779
McCutchan, M H 076229
McDaniel, I N 080012
McDermott, W H 079626
McDonald, F J 078204
McDonald, J C 073228
McDonald, M 073719
McDonald, T M 074543
McDowell, J 072803
McFarland, G C 079981
McFarland, L Z 074752
McGehee, E M 077614
McGillivray, D J 076729
McGinnis, C H 074756
McGinnis, J 075050
McGrath, C J 076094
McGrath, J J 074656
McGregor, R C 073556
McGrew, J R 078869
McGuire , W S 078457
McGuire, C F 077659
McGuire, J U 079951
Mchedlishvili, K G 075417
McHenry, J R 081879
McIlveen, W D 079401
McIlveen, W D 081870
McIntosh, A D 078397
McIntyre, T R 073394
McKay, J 077441
McKean, W T 076528
McKee, C G 079304
McKee, G W 078502
McKee, S 079205
McKeen, W D 079987
McKell, C M 078391
McKenzie, G P 076431
McKenzie, M C 078288
McKenzie, R I H 079157
McKercher, D G 074539
McKercher, R B 081218
McKinney, H R 075897
McKusick, R B 081736
McLaren, D S 073793
McLaren, J B 074455
McLaren, J B 075106
McLaughlan, J M 073751
McMahon, P J 075300
McMahon, P R 074055
McManus, W R 074869
McManus, W R 074870
Mcmeniman, N P 076115
McMurphy, W E 081484
McMurphy, W E 081485
McNally, J A 076512
McNamara, R L 072683
McNaughton, J 075046
McNeal, F H 077659
McNeely, J G 081753
McPherson, H G 077691
McQueen, D R 076847
McQuire, T A 074109
McWha, J A 078183
McWhorter, C G 079518
Meacock, S E 076796
Meade, R J 074952
Meagher, M 075659
Medeiros, L O 074571
Mederski, H J 078259
Medina, P V L 078164
Medina, R M T 078164
Medinets, V D 077911
Medricky, V 074768
Medricky, V 074774
Medvecky, D 074852
Medved, R A 079953
Medzevicius, A 075602
Meenakshisundaram, P C 077105
Mehan, V K 079025
Mehl, R 080196
Mehltretter, C L 074109
Mehnert, E 074683
Mehorotra, R S 079056
Mehta, H C 081084
Mehta, H C 081641
Mehta, I 079603
Mehwald, J 078720
Meier, G 078711
Meier, H 077878
Meier, U 075443
Meier, W 079640
Meigh, D F 078119
Meijer, B 074878
Meijer, J 080516
Meinel, A 077064
Meinel, A 081336
Meinikow, W 081543
Meintjes, J P 075004
Mejerland, T 075128
Mejstrik, V K 076857
Mekhtiev, M A 074529
Mel'kumova, Z V 077578
Mel'nikov, N N 079326
Mel'nikova, T S 075149
Mel'nikova, T S 075150
Melchior, G H 076190
Melchior, G H 076386
Melichar, F 078641
Melikov, IU F 075685
Melin, P 079280
Mellema, J T 073402
Mello-Sampayo, T 076931
Melnarowicz, T 075756
Melvin, J F 078221
Melz, K 073532
Memelink, G 076202
Menchu, J F 073902
Mende, G 081539
Mende, K 072630
Mendelewska, J 080679
Mendenhall, B 080308
Mendes Barcellos, J 078415
Mendiondo, M E 076686
Mendl, H 080549
Menear, J R 081810
Menezes, J B O X 074573
Meng, C Y 078532
Menge, H 075041
Mengeling, W L 075619
Menger, A 074112
Menke, K H 075127
Menlove, H O 076233
Menlove, H O 081869
Menn, W G 078835
Mennema, J 076582
Menon, P P V 079301
Menser, H A 079304
Menshun, M 076476
Mensik, J 075574
Menzel, R G 081863
Menzer, R E 080098
Menzie, E L 073341
Mepham, T B 074589
Mercer-Quarshie, H 078339
Mercer-Quarshie, H 078341
Mercer, H D 075725
Mercer, H D 080089
Mercier, J C 074604
Mercuri, A J 074074
Mercuri, A J 075051
Meredith, J 080316
Meredith, J A 079357
Mergl, M 073969
Mericle, L W 077082
Mericle, R P 077082
Merkel, D L 081542
Merker, A 077093
Merkle, M G 079593
Merkley, J W 074716
Merkur'eva, E K 075406
Merlini, S 073757
Mermerski, K M 075887
Merridew, J 078461

Merritt, G C 075641
Mershchiev, V M 080690
Mersmann, H J 074535
Mersmann, H J 074536
Mersmann, H J 074966
Merwe, P K van der 075092
Mesa M, J 074450
Mesicek, J 076669
Mesker, R W 076284
Meskimen, G 076404
Mesquita, R 076350
Messner, H E 078396
Mestres, R 080138
Mestres, R 081860
Meszaros, Z 079667
Meszaros, Z 080400
Metcalfe, J 074660
Mettin, D 077054
Mettin, D 077056
Metwally, A M 077556
Metzer, R B 079560
Meurers, H 081868
Mews, A R 080264
Meyer-Rochow, V B 080497
Meyer, F 074901
Meyer, F 074905
Meyer, G A 073401
Meyer, H 074601
Meyer, H H 075253
Meyer, J 080076
Meyer, K 072727
Meyer, L J 079607
Meyer, M 081822
Meyer, M E 075721
Meyer, R 074078
Meyer, R C 075836
Meynhardt, J T 078078
Mglinets, A A 075417
Mglinets, A I 074486
Mglinets, V A 080429
Miakinchik, M N 075964
Miartma, D K 073124
Micali, G 074505
Micek, J 075247
Michael, A M 081605
Michael, J 077848
Michalikova, A 079060
Michejda, J W 074624
Michel, H J 072811
Michel, R 080328
Michel, R L 075998
Micheli S, H 079910
Michet, M J 072639
Michl, J 078641
Michlova, J 074772
Michna, G 077798
Michna, G 081415
Miculescu, A 072920
Middleton, E E 081874
Middleton, K R 081442
Middleton, S G 080243
Middleton, S G 081790
Midoux, N 073893
Mielke, H 079034
Miettinen, P 075860
Migliaccio, F 077965
Mignon, M 075485
Mijacika, M 078068
Mijuskovic, M 079113
Mikaelian, I I 074830
Mikhaelis, A 077103
Mikhail, A A 078226
Mikhail, A A 080386
Mikhailets, V I 077173
Mikhailov, B P 075403
Mikhailov, L 076305
Mikhailov, N N 074496
Mikhailov, P A 075149
Mikhailov, P A 075150
Mikhailov, V I 074992
Mikhailova, V N 075159
Mikhailovskii, V B 081022
Mikhteleva, L A 078088
Mikola, P 076395
Mikolajczyk, E 077285
Mikolajska, J 079059
Mikolasek, A 074763
Mikolasek, A 075068
Mikolasek, A 075069
Miku, V E 077090
Mikulik, J 080922
Mikulska, I 080460
Milaire, H G 079796
Milbocker, D C 079615
Milbury, J A 075742
Milenkov, M 078823
Miles, C D 077546
Miles, J A R 080003
Miles, J D 077926
Miles, R D 075054
Milewski, J 076401
Milhailenko, V K 080020
Milhailenko, V K 080382
Miliauskas, V 081031
Miljkovic, I 079322
Millard, J P 081847
Miller, A 073635
Miller, A 080095
Miller, D 076138
Miller, D M 077278
Miller, E R 076547
Miller, G W 077875
Miller, J C 079605
Miller, J K 075908
Miller, K R 076975
Miller, P H 074284
Miller, P R 076229
Miller, R C 074736
Miller, S A 074970
Miller, W L 081527
Milligan, B 074047
Millington, R J 081089
Mills, J H L 075664
Mills, J H L 076013
Mills, R B 079929
Mills, R J 074539
Mills, R R 080223
Milne, F J 075183
Milne, J 075906
Milne, R G 079204
Milner, K C 075707
Milnik, A 076308
Miltimore, J E 081359
Mims, C W 076974
Mina, W 078384
Minamori, S 080363
Ming-chuen, T 073678
Minguez Mosquera, M I 074275
Minguez Mosquera, M I 074276
Minhas, A S 077133
Minkov, D 080962
Minkov, M 072662
Minks, A K 080421
Minne, J A 075780
Mino, Y 078999
Minozhedinova, N S 077683
Minson, A C 079177
Minton, E B 079108
Minton, N A 079283
Minton, N A 079313
Mints, A A 081803
Mintzer, O W 072763
Mintzlaff, H J 073609
Miralles Ciscar, F 079783
Mirkhashimov, S M 081560
Mironova, G G 074530
Mirzaeva, A G 080589
Mirzambetov, K 077725
Mirzoian, A T 073057
Mirzoian, A T 081405
Mishev, V 072662
Mishra ,R R 079149
Mishra ,R R 081046
Mishra, B 081102
Mishra, G P 077940
Mishra, R R 081044
Misko, L A 079023
Miskov, O 078072
Miskovic, R 078744
Misra, B 073540
Misra, D K 077421
Misra, K C 077943
Misra, P K 080734
Miszke, W 077096
Mita, T 074302
Mitamura, T 077788
Mitasov, G K 073104
Mitchell, A 078585
Mitchell, J W 077754
Mitchell, R G 073581
Mitchell, R S 079255
Mitchell, R S 081778
Mitchison, G J 076940
Mitkov, A 080962
Mitrofanov, V I 080652
Mitrokhin, V U 080380
Mitronova, T N 077102
Mitrovic, M 075626
Mitsui, A 077539
Mittrach, B 080701
Mixon, A C 079044
Miyakawa, H 073876
Miyamoto, K 072806
Mizrahi, S 074161
Mizuno, A 073786
Mizuno, T 074670
Mjolhus, O 072854
Mkhize, S B V 080235
Mkrtchyan, S A 075238
Mlyniec, W 077150
Mlyniec, W 078460
Moak, J E 076288
Mocek, M 073864
Mockel, F E 077667
Mocquot, J C 075214
Modak, C D 076707
Modaky, S 074161
Modianov, A V 073129
Modianov, A V 075146
Modic, D 078750
Modis, L 074619
Moffett, J O 080067
Moffett, J O 080669
Moffitt, H R 079804
Mogeon, 076131
Mogilenko, A F 075970
Mohandas, A 075814
Mohanrao, J S R 081636
Mohanty, R B 080734
Mohapatra, S C 074223
Mohn, C A 076410
Moine, G 073297
Moine, G 074444
Moir, A T B 074664
Moiseev, M 072648
Moiseev, V 072817
Moiseeva, I G 075351
Moises, J 076421
Molchanov, M V 075144
Moldovan, N A 076055
Molina, H A 074570
Moll, M 073893
Moller, G 081357
Moller, M 080782
Moller, O M 075302
Molnar, J 074874
Molnau, M P 079600
Molteberg, E 076502
Molz, F J 077856
Molzer, V 078874
Mommsen-Straub, S 073866
Mommsen-Straub, S 073867
Mommsen-Straub, S 073868
Monaco, G 073657
Monckeberg, F 073767
Monder, C 074669
Mondino, G 075922
Moniz, L 081208
Monk, G E 080001
Monnier, G 081052
Monolache, C 079376
Monoson, H L 077312
Monroe, J 074996
Monseur, X 077600
Montagnini, M T 074889
Montali, P 078173
Montalvo-Zapata, R 077834
Montanes, L 077914
Montanes, L 078181
Montani, M 080975
Monte, F J Q 077514
Monte, F P 074401
Montemagno, F 075987
Montgomery, F H 076634
Montoya, B 073734
Montoya, R 078826
Moolani, M K 079474
Moolani, M K 081374
Moomaw, R S 078441
Moon, H W 075662
Moore, C V 073131
Moore, I 073414
Moore, I 074907
Moore, I 079638
Moore, J D 079215
Moore, L D 079088
Moorthy, N V N 074248
Moorthy, N V N 078596
Moorthy, N V N 078889
Mor, H 077532
Morabad, I R 081439
Morachan, B 081428
Morachan, U B 081651
Moraczewski, R 072628
Moraczewski, R 078448
Moraes, C de 078413
Moraes, R L M S de 080686
Moraillon, R 075510
Moral de la Vega, J del 078921
Moral, J del 079782
Morales-Agacino, E 079690
Morales, E 073709
Moravic, J 076833
Mordue, A J 080224
More, M T 080424
More, P 080424
Moreels, A 074155
Moreira Mattos, C 076350
Moreng, R E 075221
Moreno Duarte, M T 079048
Moreno Vazquez, R 078929
Moreno Vazquez, R 078930
Moreno Vazquez, R 079250
Moreno Vazquez, R 079785
Morfaux, A M 077603
Morfeldt, L 073201
Morgan, D P 080049
Morgan, H E 074565
Morgan, P W 077863
Morgan, W J B 075721
Morgantini, M 076159
Morgenthal, J C 074677
Morgun, V V 077179
Moriera Filho, H 076650
Morigaki, T 075734
Morilla, C A 077852
Morillo, M 079408
Morin, C 079634
Morin, J P 079836
Moritani, Y 079658
Moritsugu, M 077786
Moriyama, M 076471
Moroni, R I 074968
Moroshan, E A 078807
Morozov, V 076587
Morozov, V N 074850
Morr, C V 073944
Morrill, L G 081479
Morrill, L G 081480
Morrill, W L 079702
Morris, R S 075643
Morris, T J 079206
Morris, T R 074741
Morrison, F O 080387
Morrison, J F 080803
Morrison, R D 079707
Morrow, E A 076445
Morse, R A 073850
Mortensen, W P 081499
Mortensen, W P 081518
Mortier, F 081684
Mortimore, C G 077014
Morton, H L 080067
Morton, H L 080669
Morton, J K 076634
Morunova, G M 074206
Moser, J W 076263
Moshkutelo, I I 075136
Mosiiuk, F E 081412
Moskov, G 078484
Mosnier, M 080947
Moss, B 081746
Mossel, D A A 074340
Mossman, A P 074098
Mostosky, U V 075998
Motorygin, I P 081305
Motoyoshi, F 077877
Mott, D G 079913
Mott, N 078424
Mott, N 081435
Mott, R L 078140
Motta, J V 074747
Motta, J V 075811
Motz, R 081334
Moucha, J 080219
Moucha, J 080510
Moucha, J 080512
Moulis, C 077528
Mount, D A 080131
Mount, L E 074699
Moura, C A F de 076597
Moura, M P 074573
Mouries, C 077526
Mourikis, P A 080295
Moussa, M I 080000
Movesijan, M 075842
Movila, V 081690
Mowafy, M 077962
Mowafy, M 080151
Mozhaitseva, N F 077299
Mozhaitseva, N F 081024
Mrackova, D 078418
Mraz, F 079092
Mraz, F R 074778
Mrazova, M 074770
Mucharska, A 078040
Muchnik, Zh S 077588
Muckenhausen, E 078357
Muckenhausen, E 081041
Mudaliar, Y K 076706
Mudra, K 075359
Mudra, K 075368
Mueller, A G 072790
Mueller, W J 074603
Muenster, O A 075901
Muggenburg, B A 074538
Muhle, P 078310
Muhlebach, R 076057
Muhlow, J 079391
Muka, A A 079730
Mukherjee, P K 078960
Mukherjee, S K 077007
Mukherjee, S K 077983
Mukherjee, S K 078589
Mukherjee, S K 078601
Mukherjee, S K 078603
Mukherjee, S K 078605
Mukherjee, S K 081090
Mukhtarova, L S 077722
Mul'ner, IU S 073546
Mulder, A D 077048
Mulder, D 076258
Mulder, R 079642
Mulder, T 073790
Mulders, E J 074243
Muler, L 072918
Mulhern, T D 080031
Mulla, M S 079960
Mullegger, P H 075984
Muller-Czarnek, W 074190
Muller-stoll, W R 076962
Muller, A 077218
Muller, E 075232
Muller, F 077054
Muller, F 077056
Muller, G 079549
Muller, G 080603
Muller, H 073953
Muller, H 080831
Muller, H D 074750
Muller, H F 080720
Muller, J 081050
Muller, K 075380
Muller, K 078821
Muller, K 080255
Muller, O 081349
Muller, P 080900
Muller, R 078574
Mulling, M 076065
Mullins, C A 078832
Mullins, C A 079852
Mullins, C A 079853
Mulville, C 074405
Mummery, R S 077460
Munch, N 074039
Munch, W D 076245
Munchow, H 074546
Mundt, S 075503
Mundy, S D 073524
Municio, A M 080260
Munkres, K D 077348
Munn, E A 080244
Munns, D N 077867
Munoz, H 073781
Munoz, H 081849
Munro, I B 075174
Munteanu, I 079375
Munzer, W 074095
Munzner, R 074315
Murai, T 077034
Murai, T 079254
Murakami, D 076025
Murakami, T 074680
Murakami, T 074681
Murakami, T 074682
Murakami, T 075761
Muraleedharan, K 075814
Murant, A F 079179
Murar, B 075950
Murase, T 077111
Murat, J 075480
Murat, J 075481
Murat, J 075484
Murata, R 078674
Muratovic, A 078066
Murav'ev, I A 077575
Murayama, S 081114
Murdoch, R N 075269
Murdoch, W W 079650
Muresan, E 075511
Muresan, T 077153
Murin, A 076755
Murin, A 076907
Muromtsev, I A 078090
Murozono, M 078017
Murphey, R K 080308
Murphey, R K 080309
Murphy, D M 075620
Murphy, L S 079607
Murphy, R T 079425
Murphy, W S 079307
Murray, C R 081598
Murray, W D 080032
Murthy, B N 081792
Murthy, B S K 075768
Murthy, C N N 074158
Murthy, R S 081087
Murty, D S 077037
Murty, V V R 073365
Musabekova, E S 081023
Musaev, M A 075599
Muscheid, H 080071
Muscoplat, C C 075615

Musick, G J 079736
Musoke, A J 075732
Musoke, A J 080010
Mussen, E C 080659
Mussman, H C 075815
Mustafaev, I D 077065
Mustaffa-Babjee, A 075649
Mustea, D 079375
Muszynska, B 073074
Muszynska, G 077270
Mut, M 078182
Mutaev, M M 075417
Muth, H 072728
Muth, R 075378
Muthusami, M 079015
Muthuswamy, P 077824
Muthuswamy, S 074249
Muthuswamy, S 078082
Muthuswamy, S 078083
Muthuswamy, S 078593
Muthuswamy, S 079115
Mutinsky, J 078572
Mutthanna, P G 080013
Muzio, F L 075582
Mwambu, P M 075595
Myant, N B 074561
Myers, C A
Station 079574
Myers, R F 079266
Myers, W M 073337
Myhr, B C 080083
Myhre, A 076624
Myrazaliev, M 072838
Mysak, J 080924
Myser, W C 080398
Myser, W C 080685
Mzhel'skaya, L G 077387
N'Diaye-Buisson, F 074862
N'Diaye-Buisson, F 076004
N'diaye, L 075076
Nace, R L 081725
Nachappan, K M 081671
Nachmias, V T 077287
Nacu, A 076437
Nadagoudar, B S 081148
Nadakal, A M 075814
Nadeau, J P 076250
Nadeau, J P 079896
Naess, B 075593
Nagabhushan, N 077707
Nagai, S 079892
Nagai, S 080258
Nagaraj, B S 081634
Nagarajan, D K 081655
Nagata, M 080931
Nagata, M 080932
Nagata, Y 074607
Nagatomo, Y 081144
Nagaty, A 076482
Nagesha Chandra, B K 079834
Nagl, F 078284
Nagl, W 076961
Nagy, G 074323
Nagy, G 076117
Nagy, S 074285
Nagy, S 074875
Nahlawi, N 078056
Naidina, L A 078810
Naik, M S 077694
Nair, A G R 077521
Nair, K P C 075625
Nair, K S S 079930
Nair, N G 078917
Nair, P K R 081223
Naito, Y 076025
Naive, J J 073372
Nakai, C 074558
Nakajima, I 074983
Nakajima, K 077931
Nakajima, M 072753
Nakamura, A 074096
Nakamura, A 077032
Nakamura, A 077033
Nakamura, A 079253
Nakamura, A 080363
Nakamura, K 076915
Nakamura, Y 077931
Nakamura, Y 078074
Nakamura, Y 081124
Nakatsubo, F 077617
Nakayama, S 078011
Nakazawa, K 079171
Nakazawa, K 079713
Nakkiran, S 073506
Naksone, N Y 078035
Nalewaja, J D 077003
Nalewaja, J D 079601
Namai, H 077108
Namaiunas, B P 078898
Nambiar, M C 078830
Namor, M S 073682
Namor, M S 073913
Nanda, J S 077749
Nangia, O P 075241
Nanjiah, R D 075768
Nannipieri, P 081003
Nano, G M 074278
Nano, G M 077593
Narasukaite, E 080163
Narayana, V V D 081637
Narayana, V V D 081643
Narayanan, K S 081638
Narayanaswamy, B C 078986
Narayanaswamy, P 077134
Nardiello, R A 075844
Nariniiants, G R 074838
Narisawa, N 079000
Naruke, K 079358
Narzikulov, M N 080484
Narziss, L 073813
Narziss, L 073815
Nasca, A J 072705
Nash, R G 073639
Nash, R G 080057
Nash, R G 080103
Nash, R G 081054
Nasrath, R 078881
Nastac, E 076056
Nasyrov, R M 081255
Natali, S 078612
Natali, S 078613
Natalini, P 077426
Natarajan, S 079014
Nath, M C 074632
Nath, N 074632
Natov, S 080735
Natschkov, G 081658
Natvig, H L 079955
Natzke, E 076302
Naude, T W 075790
Naumov, G I 077197
Naumov, G I 077220
Nauriyal, J P 079217
Navaneethan, G 079185
Naveh, Z 081796
Navia, J M 074970
Navratil, S 078547
Navrozidis, C 075528
Nawa, Y 078121
Nawara, W 075285
Nawas, F 081882
Nay, T 074871
Nayan, K 081384
Nayer, D E 079595
Nazar, K 074515
Nazar, K 074516
Nazarov, V P 075928
Nazarova, G A 075401
Neamtu, G 077597
Neamtu, G 077598
Nebauer, N R 081558
Nechvatal, M 076102
Nedbalkova, B 077163
Nedbalova, V 073818
Nedkova, L 076019
Nedkova, L 076119
Nedukha, E M 077001
Neel, P L 076351
Neely, J W 073457
Neely, J W 078377
Neetz, R E 073226
Neff, A 078945
Neff, A 079795
Negovelov, S F 081152
Negrea, S 080477
Negrimovskii, M G 074371
Nehring, H 075371
Nehring, H 075372
Nehring, K 074319
Nehring, K 074958
Neidlinger, G 073533
Neilson, J T McL 075714
Neiman, P E 075958
Neirinckx, G 081695
Neitz, W O 080016
Neitz, W O 080017
Neitzel, E 074269
Nel, P C 079500
Nel, P C 079501
Nelson Frota, J 074445
Nelson, D C 074253
Nelson, D W 081354
Nelson, D W 081546
Nelson, E E 079806
Nelson, G 073136
Nelson, G 079620
Nelson, G L 074084
Nelson, L A 078442
Nelson, L A 080139
Nelson, L R 074083
Nelson, L V 073485
Nelson, P E 078730
Nelson, R L 079977
Nelson, T R 074429
Nelson, T S 075054
Nemec, P 077369
Nemec, P 080060
Nemec, Z 074764
Nemec, Z 074767
Nemec, Z 074772
Nemec, Z 075073
Nemec, Z 075074
Nemova, V S 073105
Nemtseva, L S 077205
Nemtseva, L S 077227
Nenic, P 080896
Nenic, P 081551
Nepochatov, A P 079414
Neri F, O 075086
Nerpin, S V 081713
Nersten, S 076325
Nesheim, M C 074723
Nesheim, M C 075059
Neshev, N 075396
Nesterov, IA S 078190
Nesterov, IA S 078194
Nesterova, E A 075147
Nestorova, S 081302
Nestroy, O 081058
Netecha, V I 074839
Netik, O 080919
Neto, L P 074788
Nettleton, P F 075908
Netto Goncalves, J O 078415
Neubecker, F 079938
Neuber, B 076425
Neuberg, J 077905
Neuberg, J 078168
Neuberger, E 076420
Neuberger, J W 081664
Neubert, P 078320
Neubert, P 081342
Neucere, N J 077761
Neudoerffer, T S 074979
Neufeld, G 080106
Neuhauser, W
079847
Neukom, H 074111
Neumann, A 076724
Neumann, K H 077006
Neupert, B 074995
Neururer, H 079532
Neururer, H 079533
Neuschulz, A 074328
Neusser, H 076473
Nevill, E M 080018
New, T R 080408
Newbould, F H S 074580
Newhouse, M E 076332
Newton-Tabrett, D A 075648
Nezhdanov, A G 075398
Ng, E 073864
Ngere, L O 075239
Nghiep, L T 073364
Nguyen Ngoc Hoanh, 074104
Nguyen-Thi-Tuyet-Hoa,
081162
Nhan, P K 075352
Nichols, D J 076802
Nicholson, J A H 073389
Nickell, L G 077876
Nicol, L 075446
Nicolae, C 079542
Nicolas, P 076970
Nicsulescu, E 080943
Niedbala, W 080552
Niedermaier, K 078577
Niediek, E A 073903
Niediek, E A 073905
Niefind, H J 073894
Nielsen, A F 079004
Nielsen, A H 072936
Nielsen, D G 079904
Nielsen, G G 075026
Nielsen, H 073863
Nielsen, J S 076848
Nielsen, P J 079153
Nielsen, P J 079687
Nielsen, V H 073925
Niemand, H G 076067
Niemczyk, E 079871
Nienhaus, A 073284
Nienhaus, A 073488
Nienhaus, F 079193
Nienhoff, H 075682
Nienstaedt, H 076403
Nieto Calderon, J 079786
Nieto, J 079780
Niewiadomski, H 074203
Niewiadomski, H 074246
Niftullaev, V M 072956
Nigam, K M 081633
Nigon, V 076970
Nigro, C 081107
Nigtevecht, G van 077461
Nijkamp, P 081842
Nijs, T den 081828
Nijsse, F 078030
Nijveldt, W 080529
Nikandrov, V N 074816
Niki, R 073952
Nikiforov, L I 075942
Nikishov, M I 081804
Nikitenko, G F 077183
Nikitin, N V 080898
Nikitin, V V 077636
Nikitina, E I 077831
Nikitskii, N B 080655
Nikodemus, K H 080541
Nikolaichuk, N T 081297
Nikolajczuk, M 074714
Nikolajczuk, M 075752
Nikolenko, V G 078808
Nikolic, B 081551
Nikolic, M 078743
Nikolov, B A 078150
Nikolov, N 073366
Nikolov, N 081190
Nikolova, G 079552
Nikolova, L 078485
Nikonovich, M V 075401
Nikpour, K 073683
Nikulina, A I 074482
Nikura, M 078353
Nilles, G P 080298
Nilova, V I 074133
Nilsen, A 073509
Nilsson, B 074627
Nilsson, B 076933
Nilsson, F 078184
Nilsson, H 075010
Nilsson, I 079198
Nilsson, L 081356
Nilsson, O 075690
Nilsson, O 081831
Nilsson, R 078420
Nilsson, T 076517
Nimaeva, C Sh 081180
Nimz, H 076530
Nino de Onshuus, Y 073872
Ninomiya, K 075636
Nir, I 075053
Niranjan, G S 077560
Nirmalan, G P 074731
Nirwan, R S 079219
Nishibe, S 077510
Nishida, Y 076910
Nishigaya, S 078175
Nishigaya, S 081495
Nishihara, N 077790
Nishihara, N 077791
Nishihara, N 078998
Nishimoto, K 079112
Nishimoto, R K 079470
Nishinaka, Y 077739
Nishinaka, Y 077740
Nishino, M 079849
Nishioka, L 077363
Nishioka, L 077698
Nissim, S 081204
Nitsan, Z 075053
Nitu, V 080688
Nivon, M 080893
Niwa, M 077111
Nix, D F 074715
Nix, F D 081355
Nix, J 073073
Nixon, D A 074785
Nixon, D A 075338
Nizel, A E 073797
Nizhnikov, V S 077215
Nobbe, K 074003
Nobbe, K 074028
Nobile, S 073758
Nobile, S 073869
Noble, R E 076238
Nockels, C F 075045
Nockels, C F 075066
Noda, H 080664
Noda, H 080665
Noguchi, M 077713
Noguera Pujol, J 080817
Noilhan, M 073409
Nolan, C N 078288
Nolan, C N 078289
Noles, R K 074721
Noles, R K 080125
Nolf, A 079477
Noll, M 079423
Nolley, J W 076427
Nolte, D J 080155
Nolte, D J 080156
Nomura, T 077865
Noonkester, V R 079668
Noordink, J P W 080455
Noort, P C van den 073480
Norby, S 080276
Nord, O 078868
Nord, O 080997
Nordeman, D R 076527
Nordgy, H E 074285
Nordstoga, K 075593
Nordstoga, K 075594
Noren, K 073690
Noren, K 080143
Norimoto, M 076572
Norman, J O 075662
Normann, A 079360
Norris, L C 074746
North, H H 080098
Northcote, K H 081055
Northover, J 078945
Northover, J 079795
Nosaka, D 075759
Nosaka, D 075760
Nosaka, D 075761
Nosek, J 080023
Noske, I 081336
Noskov, N M 074476
Nossar, M S 074048
Nosti Vega, M 074275
Nosti, M 080075
Nottingham, P M 074035
Novak, M 072805
Novello, J C 073975
Novikova, A G 081025
Novikova, A G 081249
Novikova, N V 074799
Novosad, A C
078835
Novotna, V 077371
Novotny, K 072865
Novotny, M 076275
Novotny, M 076276
Novy, D S 080119
Novy, D S 080385
Novy, J 074377
Nowacka-Waliszka, A 074132
Nowak, A 074191
Nowak, J 074713
Nowak, M 081453
Nowakowski, W 077625
Nowers, J H 073973
Nowicki, M 076041
Nowlin, J F 074139
Nowosad, B 075592
Nuamah, G E A 078979
Nuckowski, S 078781
Nuckowski, S 081468
Nukhimovskii, E L 076976
Nunn, W R 075394
Nunokawa, Y 074151
Nur, H O A 079918
Nurmio, P 076061
Nushikian, V A 077248
Nuttall, W F 078022
Nuttall, W F 081063
Nuuja, I 074592
Nygard, M 072746
Nylander, C E 076793
Nys, L 074301
O'Bannon, J H 079319
O'Berg, A G 079957
O'dell, B L 074968
O'Dell, B L 075689
O'Donovan, D 081319
O'Hagan, J E 080198
O'Hanlon, D 081319
O'Hara, M 074982
O'Kelley, R E 074961
O'Meara, G F 080026
O'Meara, G F 080422
O'neal, J 079636
O'neil, J B 074071
O'neil, J B 074726
O'Reilly, P J 075248
O'Rourke, F L S 078632
O'shea, J D 075272
Oates, K 080353
Oba, Y 081113
Oba, Y 081117
Obal, H 075755
Obeng-Asamoa, E K 077379
Obeng-Asamoa, E K 081779
Ober, G 075114
Oberlander, H E 081360
Oberwager, D 081570
Oblak, M 078746
Oblisami, G 081065
Obraczka, R 081589
Obrocea, P 073819
Obrocea, P 073820
Obst, A 079035

Obst, D 073675
Obukhova, L S 075410
Obukhova, L S 075412
Ochiai, I 075298
Ode, R H 079160
Odintsova, I G 077217
Oehme, H 078311
Oehring, J 073268
Oehring, J 081423
Oelker, P 073996
Oertel, A C 081062
Oesert, K 073178
Oesert, K 073179
Oesterreich, M 079862
Oetiker, H 074349
Offens, H P 080902
Offeren, A Van 079163
Offeren, A Van 079696
Offori, E D 080264
Ogasanovic, D 078064
Ogata, S 077790
Ogawa, S 077791
Ogden, P R 077778
Ogiwara, S 078677
Ohashi, T 074031
Ohashi, T 074032
Ohashi, Y 077034
Ohashi, Y 078280
Ohashi, Y 079254
Ohira, K 077781
Ohki, K 077666
Ohkubo, N 080357
Ohlrogge, A J 077649
Ohlsson, I 077944
Ohlsson, I 080140
Ohm, H W 078358
Ohmori, K 080319
Oho, N 079793
Ohsumi, T 074988
Ohta, Y 077479
Ohtaki, T 080319
Ohyama, Y 074342
Oikawa, M 078400
Oka, M 078280
Okada, A 078175
Okada, A 081495
Okada, I 080671
Okada, M 074302
Okada, N 078825
Okada, T S 074694
Okajima, H 077782
Okajima, H 081115
Okama, K 072660
Okamoto, K 079827
Okamoto, K 080362
Okamoto, R 079951
Okamoto, T 077932
Okauchi, K 075298
Okazaki, W 075624
Oker-blom, N 079947
Okerecke, T A 080570
Oki, G S 073240
Okigbo, B N 078265
Okigbo, B N 078266
Okorokov, L A 077309
Oku, T 079722
Oku, T 079723
Okuda, Y 075688
Ola, F N 073681
Olah, G M 076955
Olausson, A 075224
Olberg, R 080071
Oldach, K O 072810
Oldfield, J F T 074156
Oldham, M 079976
Oldham, M L 079963
Oleinik, I A 074159
Oleinikov, R R 081143
Olembo, T W 078963
Olenin, A S 081077
Olesen, S E 081619
Oleszek, J 077755
Olexzek, J 077756
Olimid, V 078189
Olivecrona, T 073929
Oliveira Simoes, A M de 074298
Oliveira, E A 077027
Oliver, J E 075458
Oliver, J E 075561
Ollikainen, E 076549
Olmo, H P 078643
Olsen, D P 081555
Olsen, J D 074537
Olsen, M W 074753
Olsen, R A 077483
Olson, A C 073942
Olson, C 074791
Olson, C E 072969
Olson, C E 081720
Olson, C E 081757
Olson, C E 081760
Olson, H M 077662
Olson, L D 075995
Olson, O E 074355
Olson, S L 076570
Olson, T C 077668
Olson, T C 081012
Olson, T C 081013
Olsson, K 075501
Olsson, S O 074860
Olsson, T 080027
Olthof, H A 079316
Olvegard, P 079419
Olver, M D 075287
Omay, B 073780
Omori, T 075639
Omura, H 078074
Omura, T 077110
Onchev, N 081590
Onda, M 076026
Onder, N 077758
Ondrej, M 078920
Ondrej, M 079688
Onet, E 075511
Onillon, J C 079812
Onillon, J C 079813
Onishi, H 077323
Onisko, W 076557
Onken, A B 081523
Onken, A B 081752
Ono, K 076945
Onyango, R J 075595
Ookawa, T 074719
Oomura, Y 073876
Oostenbrink, M 079246
Oostenbrink, M 079371
Oostenbruink, I M 079370
Oparin, A I 078177
Opez, G 081106
Opheim, M 080492
Opheim, M 080493
Opheim, M 080494
Opik, H 077768
Oppermann, H 076360
Oppermann, H 081361
Opsomer, J E 076578
Orchard, W M 076531
Ordolff, D 080969
Ordolff, D 080970
Ordonez, C R 078185
Orlando, G 073082
Orleanu, C 081236
Orlikowska, T 077151
Orliuk, A P 077246
Orlov, I V 075705
Orlova, M I 081010
Orlova, N V 073697
Orlova, V I 074234
Orlovskaia, S 072833
Orlovskii, V I 075933
Ormrod, J F 081158
Orr, H K 081707
Orsi, F 073648
Ort, D R 077407
Ortega Y, S 078621
Ortiz de Serra, M I 081213
Ortiz de Serra, M I 081214
Ory, R L 077822
Osaki, K 072752
Osawa, K 076471
Osborne, A D 075827
Osborne, C A 075634
Osborne, P 079351
Oschman, J L 080351
Ose, E E 075901
Ose, E E 075902
Oshiru, A 078175
Oshiru, A 081495
Osipov, G N 075437
Osiyemi, F O 077403
Oskolkov, V S 075941
Osmanlioglu, E 073348
Osmanlioglu, E 078872
Osmond, C B 077542
Ostermann, L 075225
Ostermann, L 075226
Ostholm, C O 075100
Ostroumov, S A 076969
Ostroverkhova, L V 072941
Ostroverkhova, L V 072950
Ostrowski, J E B 075512
Oswald, W J 080742
Oswald, W J 081812
Oteng, J W 081365
Otero de la Espriella, R 074449
Otero Leon, M I 079781
Otmar, B 073519
Otmar, B 074451
Otsu, S 079321
Otsuki, Y 079200
Ott, D G 077693
Otto, E 073986
Otto, E 073987
Otto, E 074865
Otto, E 075115
Otto, E 075370
Otto, H 073600
Oudar, J 075846
Oudin, Y 081682
Oudshoorn, H M 081610
Oujezdsky, J 080792
Ouwerkerk, C van 078752
Ovchinnikova, E S 074485
Overaas, M 072912
Overchuk, V I 078846
Overmeer, W P J 079676
Overton, J R 077238
Overton, J R 078535
Overton, J R 079085
Owczarczyk, B 074706
Owen, D R 075497
Owen, J B 072915
Owens, E W 078356
Owens, F N 074651
Owensby, C E 078392
Owensby, C E 081111
Owne, G M 073710
Owusu-Domfeh, K 073744
Oxender, W D 074657
Oy, H 076543
Oyagi, T 079340
Ozaki, C 078271
Ozek, B 077264
Ozimec, S 073900
Ozol, A A 077089
Paarlberg, D 072910
Paarlberg, D 073193
Paarlberg, D 073798
Paatsama, S 076060
Paaver, K L 074686
Paavilainen, E 081500
Pabsch, E 072750
Pacenovsky, J 075950
Paclt, J 080637
Pacola, I J 074891
Padalikova, D 075400
Padberg, D I 073638
Padberg, D I
Padhi, U C 073304
Padhi, U C 078363
Padhye, A A 081649
Padma, R 077161
Padmos, L 079164
Padmos, L 076146
Paducheva, A L 081497
Paeameswaran, N 074840
Paelinck, J 076477
Paetzold, D 081842
Paetzold, D 079286
Page, L A 079459
Pagiris, IU K 075858
Pagnini, P 075943
Pahalwan, R N 075584
Pahlke, K 078438
Paine, D 081271
Paine, D P 081784
Paine, M D 076293
Paisbev, S T 080726
Paiva, J A de J 074487
Paizs, L 074890
Pak, K P 074679
Pakarskite, K IU 078565
Pakarskite, K IU 074859
Pakarskyte, K 080801
Pakhlavuni, I K 074858
Pal, A R 077455
Pal, M 081386
Pal, M 078272
Pal, M 078634
Pal, M 081632
Pal, R 079951
Palacio, E D 075844
Palade, G E 076956
Palandzhian, V A 076999
Palandzhian, V A 077000
Palaniappan, R 081137
Palaniappan, R 081141
Palaniappan, V M 076874
Palaniswami, A 079115
Palaniswamy, K M 079448
Paleg, L G 077690
Palfii, F IU 075135
Paliev, H 075125
Palii, A F 077200
Palik, E 080473
Palluch, J 076224
Palmas, C V 073568
Palmer, E R 076548
Palmer, J H 078287
Palmer, J S 073632
Palmer, J S 080090
Palmer, L T 079063
Palmer, R C 081232
Palmer, R D 079560
Palomba, E 075584
Palpant, E H 076227
Palpant, E H 076416
Palyska, M 074706
Panaiotov, P 075094
Panalaks, T 073573
Panchabhavi, K S 079820
Panchaksharaiah, S 081437
Pande, Y D 080375
Pandey, H N 077943
Pandey, H N 081633
Pandey, P C 078985
Pandey, R C 079860
Pandey, R N 081640
Pandey, S L 078272
Pandey, S L 078634
Pandey, S L 081632
Pandey, U K 078367
Pandya, G S 081650
Paneque, A 077352
Paneque, A 077541
Panero, M 079512
Panferova, N A 081247
Panfilova, L F 074840
Panggabean, G 081162
Pani, P K 074661
Pani, P K 075728
Panina, V V 077583
Panis, A 079813
Panitisoidis, G 073451
Pankiw, P 078337
Pankova, N A 078509
Panshi, B S 078362
Panshi, B S 081628
Pant, C P 080349
Pantaleon, J 075580
Pantaleon, M 074498
Pantelic, M 078067
Pantelic, M 081397
Panufnik, H 075748
Paoloni, J D 081697
Papacostea, P 081237
Papadopol, C 081236
Papageorgiou, G 077997
Papendick, K 075016
Paper, M 078311
Paper, M 078312
Papikian, N A 077936
Papisov, R I 081183
Papp, J 080596
Papp, J 080604
Papp, J L 080615
Papstein, H J 075115
Paradis, R O 079802
Parameswarappa, N 078437
Paramonova, N V 076960
Paraschivescu, D 080432
Paredes, A 077557
Parent, B 079802
Parii, I F 079074
Paris, G 079242
Paris, R 077529
Paris, R R 077318
Paris, R R 077530
Parisi, L 073438
Parisi, L 080979
Park, R D 075996
Parkash, R 078475
Parker, A J 074804
Parker, A J 075996
Parker, B C 077379
Parker, B C 081779
Parker, F D 079708
Parker, F D 079805
Parker, J 075719
Parker, J B 073223
Parker, P L 077433
Parker, W G 075184
Parkes, M F 075258
Parkhomenko, V A 080964
Parkhurst, C R 076133
Parkhurst, C R 076134
Parkhurst, C R 076141
Parks, C L 078288
Parle, J N 078995
Parliment, T H 077427
Parmakov, D 080738
Parochetti, J V 079592
Parochetti, J V 081521
Parodi, R A 078370
Paroz, P 074263
Parry, R M 073765
Parry, R M 073943
Pars, J G C van de 075200
Parsons, G S 074404
Parsons, L J 080209
Parsons, L J 081780
Parthier, B 077545
Parups, E V 078039
Parvaneh, V 075520
Parvathappa, H C 081147
Pasak, W 081591
Pasechnik, A P 075411
Pasek, J 073505
Pasek, V 074441
Pasek, V 074776
Pasek, V 074777
Pasini, M I 075844
Pask, C 080310
Paska, I 074462
Paska, I 074851
Paska, I 075178
Paska, I 075179
Pass, B 078490
Passamonti, G 073090
Passamonti, G 073091
Passera, L 080285
Passera, L 080286
Passos Filho, T N 078642
Passos, J B 074446
Pasture, E 081260
Paszowski, W 077120
Patankar, A V 077344
Patel, A S 078365
Patel, C S 078223
Patel, H K 079716
Patel, R P 079475
Pathak, A N 081098
Patil-Kulkarni, V G 075613
Patil, A S 076689
Patil, J A 077157
Patil, L G 081635
Patil, P L 079019
Patil, S V 081387
Patil, V D 076949
Patsukova, A N 074821
Pattanshetti, H V 078881
Patterson, F L 078358
Patterson, F L 078360
Patterson, J M 074165
Patterson, R L S 075390
Patyshev, D R 077101
Patzak, H 080518
Patzer, E R 080001
Paudler, W W 077441
Paul, D A 080814
Paul, J 081640
Paul, K B 078223
Paulian, F 079375
Paulian, F 079380
Paulian, F 079737
Paulic, N 079322
Paulin, J P 079122
Paulo, E 075441
Paulov, S 080203
Paulovova, J 080203
Paulus, H 080607
Paunovic, S A 078064
Paunovic, S A 078073
Pause, J 072885
Pautier, M 078912
Pavlik, J 074765
Pavlik, J 075328
Pavlik, J 075333
Pavlikov, N V 075167
Pavlis, J 078559
Pavlok, A 075246
Pavlov, M I 081493
Pavlov, P A 079064
Pavlov, P K 078791
Pavlov, V D 073546
Pavlov, V D 074488
Pavlov, V S 077953
Pavlova, G S 073119
Pavlova, L L 073546
Pavlovova, E 076541
Pawlowski, J 080468
Pawluk, A 077741
Pawluk, A 077742
Pawluk, S 072627
Pawluk, S 076239
Pawson, W W 073094
Pawula, E 074193
Pay, M G 075138
Payandeh, B 076293
Payne, E 074070
Payne, E 074075
Payne, L N 074661
Payne, L N 075728
Payne, T L 079889
Payne, W F 073551
Pazourek, J 076927
Pchelkin, V U 081306
Peacock, B D 073970
Peakall, D B 080130
Pearson, A M 073959
Pearson, C W 075653
Pearson, H 076095
Pearson, J A 078112

Pearson, K H 079485
Pearson, M W 076244
Pearson, W G 079969
Peart, R M 080744
Pease, H L 080084
Pechmann, H Avon 076479
Pechmann, H V 078970
Peck, A J 081747
Peckfelder, R L 081883
Pecknold, P C 079128
Pedersen, A H 073650
Pedersen, H E 079498
Pedersen, I 076324
Pedersen, K L 073276
Pedersen, O K 075286
Pedersens, A H 073954
Pedreira, J V S 077701
Peer, W 072890
Peerally, A 076772
Peerally, A 079066
Peetermans, M 073774
Peev, M 072860
Peirce, A G 074222
Pejovic, S 078744
Pelaggi, A 073544
Pelaggi, A 075775
Peleg, B A 080344
Peleg, K 074280
Pelikan, M 077703
Pelisek, J 076198
Pelletier, J 075278
Pelletier, M L 080864
Pelroy, R A 077331
Pelz, E 076226
Pelz, E 078244
Pena M, R 079227
Penev, T 073048
Penkov, M 081187
Penkrat, A A 073098
Penman, C S 077402
Penner, D 079605
Penny, R H C 076156
Penzhorn, E J 075004
Peoples, S A 079595
Pepelina, V A 074993
Percuoco, G 079117
Percy, J 080218
Perdok, B H 072720
Perdok, B H 072721
Pereda, C V 073517
Peregud, G V 074817
Pereira Carvalho, P 077015
Pereira, W M 074888
Perek, M 074700
Perek, M 074751
Perel'son, M E 077388
Perera, J 074184
Peret, J 073750
Perez F, J 075704
Perez Garcia, V 077991
Perez Garcia, V 081601
Perez, A 079357
Peringer, P 079625
Perk, F W 075038
Perlac, X 076307
Perna, A 081835
Pero, R 080275
Pero, R W 077599
Perombelon, M C M 079121
Perot, F 076130
Perov, N N 078196
Perova, L I 078196
Perreiter, G 072906
Perreiter, G 073283
Perret, P 078820
Perret, P 079385
Perricone, F 073657
Perrier, A 076825
Perron, J M 079629
Perry, B D 076163
Perry, C 075263
Perry, E 080113
Perry, E 081145
Perry, T W 074930
Perschak, F 074247
Persechino, A 075583
Persechino, A 075987
Persoons, C J 080421
Persson, L 075703
Persson, L 078407
Persson, L 079331
Persson, L 081424
Perumal, R S 079833
Perur, N G 081146
Pervez, E 074959
Pervov, N G 075151
Peseckiene, A 077302
Pesek, F 072706
Pesek, J 077162
Peshkus, IU K 075606
Pesik, J 081510
Pesson, P 081787
Petac, D 075291
Peterle, T J 080047
Peters, D S 080633
Peters, D S 080634
Peters, N C B 079429
Peters, P 074270
Peters, R F 080042
Peters, R H 081729
Petersen, R 080748
Petersen, R 080906
Petersen, V E 074998
Peterson, C M 077313
Peterson, C M 077856
Peterson, E H 075597
Peterson, F F 078394
Peterson, G A 078476
Peterson, G A 081203
Peterson, P A 077038
Peterson, R A 074737
Petkov, G 074809
Petkov, K 075559
Petkov, S 075074
Petr, F C 079560
Petr, J 078549
Petr, J 078551
Petrenko, V V 077386
Petrescu, M 079374
Petrik, M 073483
Petrik, M 073545
Petrik, M 080753
Petropakis, H 073635
Petropakis, H 080095
Petrov, G 073045
Petrov, P 081590
Petrov, V F 075961
Petrov, V F 075969
Petrova, E V 080044
Petrova, M V 074367
Petrovan, S 073819
Petrovan, S 073820
Petrovskaia-Baranova, T P 078088
Pettersson, A 075101
Pettersson, A 075103
Pettersson, C G 078624
Pettersson, I 078352
Pettigrew, J 074791
Pettinati, J D 073988
Pettit, G R 079160
Pettry, D E 081839
Petukhova, N M 074232
Petz, H 076493
Petzoid, E 080820
Pevetz, W 072748
Pevetz, W 076186
Peyrellade, J 075125
Peyronel, B 076267
Pfadenhauer, J 076877
Pfaender, F K 079644
Pfahler, P L 077879
Pfander, W H 074953
Pfeffer, A 076226
Pfeffer, A 078244
Pfeiffer, D R 074556
Pfeiffer, G H 072969
Pfeiffer, G H 081720
Pfeiffer, G H 081757
Pfeiffer, G H 081760
Pfeiffer, H 074466
Pfister, D H 076612
Pfister, R G 080797
Pflug, D 081537
Phadnis, N A 077980
Phaff, H J 077468
Phar, P A 074646
Pharande, K S 081644
Philip, I 073429
Philippot, P 073522
Philipson, D 075228
Philipson, M N 076658
Philipson, W R 076658
Phillips, F H 076430
Phillips, H H 074534
Phillips, J E 080316
Phillips, M J 073454
Phillips, R E 075038
Phillips, R E 077647
Phillips, R E 079415
Phillips, W G 072902
Phinney, G 074535
Phinney, G 074966
Piasiatskene, A A 077307
Piatnitskii, G N 081304
Piatt, J R 077780
Picae Tello, M 075692
Picae Tello, M 079991
Picao Tello, M 075693
Picao Tello, M 079992
Piccari, G G 077622
Picci, G 079117
Piccioni, A 079559
Piccolo, L 079069
Pichugina, N V 081266
Pick, U 078032
Pickard, J 076735
Pickard, W F 077383
Pickrell, J A 074538
Picu, I 077893
Pidoplichko, I G 076763
Piedallu, C 078972
Piekarzewska, A B 074497
Pielarz, M 076509
Piella, C B 080645
Pienaar, J G 075790
Piendl, A 073816
Pieniazek, J 077968
Pieniazek, J 077969
Pieniazek, J 078063
Pieniazek, S A 078063
Pier, A C 075622
Pierce, D S 076521
Pierpoint, W S 079175
Pierre, J F 076588
Pieskus, J 075605
Pieskus, J 075992
Pieskus, J 075993
Piest, R F 081547
Pietkiewicz, J 079057
Pignattelli, P 074811
Pignattelli, P 075920
Pignatti, A 072767
Pignatti, E 076583
Pignatti, S 076583
Pignatti, S 081541
Pihlaja, D J 075208
Pijanowski, E 073977
Pikul, F J 077312
Pil'ko, V V 074824
Pilarova, J 077567
Pilat, K 074236
Pilet, P E 077872
Pilet, P E 077880
Pilet, P E 078108
Pilger, D 078129
Pilipushko, V N 081175
Pillai, J S 080003
Pillai, K R 077422
Pillai, K R 077423
Pilling, H 073605
Pilnik, W 073853
Pimenov, A G 075417
Pimenov, M G 077385
Pimentel, D 079550
Pinhey, J T 077346
Pinho, S L V 077514
Pink, H S 072729
Pinkas, M 073899
Pinnell, R E 079708
Pinnell, R E 079805
Pinon, R 077081
Pinske, V 080715
Pinske, V 080729
Pinsky, A 078115
Pintilie, C 078465
Pintilie, C 079542
Piotrowski, J 080703
Pipers, F S 075452
Pipers, F S 076086
Pipinis, I A 077305
Pipinys, J 077679
Pipinys, J 077680
Pipinys, J 077682
Pipinys, J 081036
Pipkin, J L 077398
Piras, N 075199
Pirich, E P 073984
Pirone, T P 079183
Pirone, T P 079207
Pirone, T P 079750
Pisarev, V E 077191
Pitaro, E 075176
Pitcher, J A 076407
Pitkanen, U 077628
Piven', V P 073120
Pivniak, I G 075151
Pivnickova, M 076869
Piwinski, A 081196
Pixton, S W 074290
Pizzano Barrantes, J A 074185
Pizzano Barrantes, A J 074185
Pjescak, M 074525
Placko, R P 073709
Plambeck, H 073410
Planck, U 072626
Plancquaert, P 078470
Plancquaert, P 081475
Plant, P 076068
Planta, M de 072770
Plat, M 077317
Plat, M 077527
Platt, B 079927
Platt, R G 079258
Platzer, H B 076192
Plichta, J 073308
Plimmer, J R 080101
Plindov, V K 074818
Ploeg, D T E van der 076683
Plonait, H 074599
Plotner, K 080829
Plotner, K 080833
Plotner, K 080835
Plotner, K 080849
Plucker, F E 077433
Pobedonostseva, E A 078518
Pocherniaev, F K 074472
Pod"iablonskii, A M 075169
Podgorska, B 079361
Poduje, L 076385
Poggi, A 074304
Poglazov, B F 081171
Pogliani, M 076690
Pohlenz, J 075855
Pohoryles, 073471
Poinsot, N 080435
Poisbeau, J 080424
Poisson, J 077507
Pojar, J 077314
Pojar, J 080174
Pojer, N 076274
Pokorny, B 078386
Pokorny, J 073921
Pokrovskaia, T V 079231
Pol, J J G van der 073964
Polacik, A 076443
Poland, J D 080036
Polansky, J 080713
Polatschek, A 076724
Polcin, J 076480
Polderman, P J G 076599
Polderman, P J G 078981
Pole, D S 074595
Polenec, A 080498
Polerecky, O 077251
Polge, C 075282
Poli, G 075673
Poliak, A M 081409
Poliakov, I IA 076830
Poliakov, I IA 079269
Poliakova, O A 075923
Poliakova, P E 080589
Polianichkin, A A 074081
Polishvaiko, M N 077241
Polivoda, D I 074836
Pollanschutz, J 076178
Pollanschutz, S 076185
Pollard, W O 074747
Pollard, W O 075811
Poller, S 076434
Polley, L R 075539
Pollmer, W G 077136
Pollock, R 078787
Polokangas, R 074592
Poloz, D D 076166
Poltarsky, J 075033
Poluektov, L 072734
Polukhin, M A 077183
Pomerantseva, M D 075354
Pomeranz, Y 074150
Pomirko, G I 075934
Ponert, J 076758
Ponikiewska, T 075035
Ponomareva, M N 081581
Ponomareva, S A 076959
Ponomareva, S A 078091
Ponti, I 079823
Ponticelli, P 076353
Ponting, G 079974
Pontis, H G 078158
Ponzio, A 080875
Poovaiah, B W 078122
Pop, E 075758
Pop, L 081473
Popa, G 078467
Popa, G 081621
Pope, C E 075255
Pope, G S 075174
Pope, L S 073529
Pope, R B 076293
Pope, W H 075665
Popescu, C 075385
Popescu, F 081236
Popescu, G 076436
Popov, D 077920
Popov, I 081467
Popov, P 077185
Popov, P 077257
Popov, P 079666
Popov, V 072830
Popova, L 081467
Popp, L 081775
Poppius, E 078530
Popplestone, C R 077501
Pordab, Z 073917
Porsche, W 077061
Porter, A R W 073543
Porter, A W 076570
Porter, C C 080593
Porter, K S 078359
Porter, M L 073584
Porter, M L 080058
Posada, S 074450
Posada, S 074789
Pospelova, IU S 078086
Pospisil, F 077091
Pospisilova, J 078169
Possner, G E 079456
Postel, J H G 078156
Postel, J H G 080949
Postoialkov, K D 078569
Potapov, N G 076878
Potapovich, Z 073025
Potekhin, S A 075134
Potier, P 077507
Potier, P 077527
Potke, D 075362
Potocek, J 079093
Potschke, E 072932
Pott, J M 075914
Potter, B J 074866
Potts, A K 080711
Potts, J M 081355
Pouchelon, J L 075510
Poulsen, I 077934
Pounds, J R 079031
Pour, M 074765
Pousset, J L 077318
Povolny, D 079952
Povolny, D 080606
Powell, A M 076987
Powell, D 076584
Powell, J 076617
Powell, R 081274
Power, J 075841
Power, J F 077662
Pozdniakov, A L 073697
Prabha, M J 079349
Prabhakar, A S 081387
Praetorius, R 073270
Prakash, R 077138
Prakash, S 077079
Prakhov, R 075391
Pralavorio, B 080183
Prance, G T 076668
Prasad, A 078598
Prasad, A 078607
Prasad, A 079219
Prasad, A B N 078881
Prasad, B N 076647
Prasad, J V L 073032
Prasad, S 077138
Prasada, R 079303
Prashad, B 080281
Prasse, K W 075465
Prata, R 075461
Prati, A 075686
Prato, J D 081324
Pratt, L H 077616
Pratt, P F 081813
Prave, M 075846
Prazakova, K 079749
Pree, D J 080068
Pregermain, J 080944
Preidel, I 075371
Preininger, V 078147
Preiss, J 077572
Prekorsek, B 077372
Prema, N 073753
Premecz, G 077868
Prendergast, J P 077504
Prendergast, K 073842
Preobrazhenskii, V S 081803
Preoteasa, C 081201
Prescott, C W 075190
Prescott, J R 072717
Presolska, P 078482
Presthegge, K 074353
Preston, A P 078058
Preston, A P 078672
Pretorius, L M 079725
Pretorius, L M 080109
Pretorius, P J 074696
Pretorius, P J 074697
Pretorius, W J 079184
Prevosti, A 080262
Prevot, J 074045
Price, D R 080744
Price, D W 073289
Price, D W 073336
Price, J D 079560
Price, J I 075810
Price, R 077495

Price, R G 080940
Price, T 075219
Price, T V 078915
Price, T V 078916
Price, T V 079126
Price, V J 078522
Prichard, R K 075718
Prikryl, K 078544
Primavesi, C A 073618
Pringle, G E 072918
Pringle, J S 076629
Pringle, J S 076631
Pringle, K L 079829
Pringle, K L 079830
Priszter, S 076761
Pritulin, P I 075938
Privalov, G F 077194
Pro M, A 074872
Pro M, A 075086
Pro M, A 075087
Probulski, Z 074192
Prochazka, F 077242
Procter, J 081777
Proczuk, S 074943
Proczuk, S 077098
Prodanov, I 078479
Proeseler, G 080449
Prokof'ev, A D 077820
Prokof'ev, M I 075428
Prokof'eva, E S 075428
Prokopczuk, A 074514
Prokopic, J 075952
Proks, C 075766
Promersberger, W J 074253
Proni, G 072768
Prophet, C W 081877
Proskova, A 073883
Protasov, P V 081295
Protsenko, A E 079187
Prozorovskii, S V 075985
Prud'homme Van Reine, W F 076599
Pruden, G 077445
Prudhomme, J C 080663
Pruett, J B 073992
Prunier, J P 078910
Prunier, J P 079123
Prusiewicz-Witaszek, U 074701
Przygodzka, A 076898
Przylepa, E 076170
Przylepa, E 076559
Psenak, M 077875
Psenica, J 075311
Psota, T 074528
Ptak, I R 075145
Puccini, V 075582
Puchly, S 073411
Puentes Suarez, A M 077513
Puerta, C de la 078615
Puhach, F I 081263
Puhalla, J E 079104
Puhek, V 076470
Puipiene, I 078897
Pujamn, V 074764
Pukhal'skii, V A 077233
Pulver, E L 077961
Pulver, E L 079610
Pump, G 078653
Pundarikakshudu, R 077105
Pungor, E 074318
Pupillo, P 077622
Pupin, M F 074780
Pupinyte, T 075604
Purcell, D A 075720
Purchas, R W 074551
Purchase, H G 075624
Purdie, A W 077522
Purnell, D M 077137
Purnell, R E 075710
Purnell, R E 075732
Purnell, R E 075795
Purnell, R E 080010
Purseglove, J W 078592
Purtov, G M 078511
Purushothaman, D 081065
Puspok, J 073896
Pusteria, B 081702
Pusterla, B 074305
Pusterla, B 080976
Pustovoit, W 077122
Puthz, V 080602
Puthz, V 080611
Putintsev, I L 075411
Putleva, Zh M 077387
Putman, J W 072774
Putov, V E 072946
Putz, H E 073994
Putz, K 078279
Putz, K 081321
Puymann, P 075867
Py, C 078685
Pyatt, E E 081733
Pybus, J N 074208
Pyl'nev, V M 077175
Pyl'nik, P A 080964
Quaas, R 073992
Quackenbush, F W 074320
Quail, P 078145
Qualandi, G L 075779
Quaraishi, M A 081416
Quarles, C L 074386
Quarles, C L 074387
Quarles, C L 074898
Quarles, C L 076118
Quarles, C L 075227
Quere, J P 079241
Quezada, J R 079819
Quezada, J R 080563
Quinn, T 073279
Qvist, F 073353
Qvist, F 073354
Qvist, F 073355
Rabaron, A 077527
Rabinowitz, S G 075729
Rabinowitz, S G 075730
Rabold, K 074679
Rabotnov, T A 076867
Rachkovskii, M L 074491
Racine, C 076251
Racz, G 080598
Raczkiewicz, J 075755
Raczynski, G 074354
Radej, J 078524
Rademann, H J 073001
Radhakrishnan, C V 075613
Radil, B 074306
Radovic, V 078742
Radovsky, F J 080571
Radulescu, E 079376
Radulescu, E 079380
Raeside, J I 075183
Raetskaia, IU I 074839
Raeuber, H J 074001
Ragan, R M 081750
Raghavan, N 078593
Raghavan, V 074902
Raghavan, V 076892
Raghunatha, G 077748
Raghunatha, G 078436
Raghupathy, B 081427
Raghuwanshi, B K 079734
Ragozin, A E 075436
Ragunathan, A N 076718
Ragunathan, A N 076719
Ragunathan, A N 079028
Ragunathan, A N 079029
Raheja, S K 081352
Rahman, S A 080013
Rahn, R A 080562
Rai, M M 081386
Rai, P S 079834
Railton, I D 078141
Raimondo, F M 076840
Raina, M L 077559
Raj, D 077824
Raj, D 081138
Raj, D 081141
Raj, D 081147
Raj, D 081427
Raj, P 081439
Rajagopalan, C K 078308
Rajagopalan, K 077134
Rajakkannu, K 081142
Rajamannar, A 081139
Rajan, S S 078454
Rajan, S V G 081087
Rajappa, M G 078434
Rajasekariah, G R 080013
Rajashekara, B G 077748
Rajashekara, B G 078434
Rajashekara, B G 078436
Rajhathy, T 076638
Rajkumar, X R 073724
Rajo Sanchez, E 079250
Rajpoot, M S 079217
Rajtar, V 075949
Rajtova, Viera 074626
Raju, D S 078588
Rajzman, A 074300
Rak, H 079986
Rak, H 080434
Rakhimov, A R 077957
Rakhimov, I Kh 075130
Rakina, E F 076763
Rakowski, M 073446
Rakowski, M 076196
Raleigh, R J 074433
Ralph, B J 077346
Ralski, E 079097
Ram, A 079221
Ram, S 081629
Ram, S P 078367
Ramachandran, M 072895
Ramade, F 076120
Ramade, F 080065
Ramadoro, A 072673
Ramage, R T 077113
Ramaiya, L K 075354
Ramakrishna, B 072686
Ramakrishnan, G 078961
Ramakrishnan, K 076718
Ramakrishnan, K 076719
Ramakrishnan, K 078959
Ramakrishnan, K 079028
Ramakrishnan, K 079029
Ramakrishnan, K 079186
Ramakrishnan, K 079341
Ramakrishnan, K 079513
Ramamoorthy, K 072895
Raman, N V 079018
Ramanna, M S 076994
Rambier, A 080651
Ramey, H H 078993
Ramirez, R 077987
Ramisz, A 075974
Ramke, D 079966
Ramke, D J 079967
Ramming, D W 076997
Ramsey, J B 074649
Ramshaw, J A M 077358
Ranawat, M P S 078216
Rancelis, V 080163
Rancelis, V 080169
Randall, R 079299
Randhawa, H S 075853
Ranganathan, B 073938
Ranganathan, K 079016
Ranganathan, V 081464
Rangelov, L 073047
Rangiah, P K 081429
Ranjbar, M A 075865
Ranjbar, M A 080028
Rankov, V 081185
Ranney,c D 078994
Rao, B N 081646
Rao, B V R 078588
Rao, B V R 078590
Rao, B V V 081438
Rao, C S P 076920
Rao, D H 073714
Rao, H K G 081092
Rao, H K H 077105
Rao, J S 077825
Rao, K R A 078879
Rao, K V N 078140
Rao, M K 076982
Rao, M N 073791
Rao, M R 081381
Rao, M R R 074153
Rao, M V P 077263
Rao, N S K 075767
Rao, P K 073756
Rao, P S 078100
Rao, P S 081148
Rao, R 076707
Rao, R 076710
Rao, S V S 081667
Rao, T S 081092
Rao, V G 076689
Rao, V N M 078082
Rao, V N R 076938
Rao, Y Y 081381
Rapenok, M S 077186
Rapoport, I A 080280
Rapson, W H 076541
Rasebech, N O 075303
Rasebech, N O 075383
Rasebech, N O 075533
Rashidov, I M 075398
Rasi Caldogno, F 078131
Rasi Cladogno, F 078132
Rasic, P 078072
Rasmussen, A 081418
Rasnitsyn, A P 080592
Rasocha, V 079761
Rasochova, M 078844
Raspopov, P S 073126
Rasulova, D A 077721
Rat, B 079147
Rat, B 079682
Rataj, K 079514
Ratajczak, Z 076417
Ratajczak, Z 079917
Rathi, S S 078366
Rathmacher, R P 075901
Rathod, K L 073754
Rathore, D S 078603
Rathore, V S 079734
Ratle, G 077600
Ratnasabapathy, M 076682
Ratter, J A 077066
Ratter, J A 077067
Rattzen, B 081502
Rauch, F D 073043
Rauch, K D 078695
Raulerson, R C 073328
Rauluszkiewicz, S 075310
Rauschkolb, R S 081324
Rausser, G C 081730
Rauta, C 081238
Raven, C W 077272
Ravindranath, 074158
Ravnik, V 076908
Ravona, H 074751
Rawa, K 074194
Rawlings, C A 075449
Ray, P M 077881
Ray, P M 077882
Raychaudhuri, S P 079164
Raycheba, J M T 077381
Raymond, M 076722
Raynal, G 077319
Raynal, G 079421
Raynaud, P 080866
Razoriteleva, E K 077195
Razoriteleva, E K 077229
Razowski, J 080473
Read, R A 076345
Read, R B 073949
Readshaw, J L 079824
Rechcigl, M 073801
Rechlin, E 073441
Reddi, G H S 081381
Reddi, N S 077013
Reddy, G 080251
Reddy, K 074662
Reddy, M A R 078985
Reddy, M N 077038
Reddy, P J 078590
Reddy, P P 079027
Reddy, P R 078029
Reddy, P V 075679
Reddy, V M 072686
Redkov, V V 081250
Redkov, V V 081251
Redman, D G 074162
Reece, F N 074439
Reece, F N 074722
Reece, F N 074755
Reece, W O 075617
Reed, A D 081324
Reed, D E 079958
Reeder, C 073290
Rees, A R 078055
Rees, D I 074412
Reeves, D L 078500
Regan, W O 074968
Regupathy, A 079657
Rehacek, J 079943
Rehe, H 072888
Rehkugler, G E 074717
Rehm, M M 077862
Rehor, J 075073
Rehor, J 075074
Rehruess, K E 078970
Reichardt, H 080625
Reichardt, H 080627
Reichardt, W 080371
Reichel, H 074468
Reicheneder, E 073813
Reicheneder, E 073815
Reichhoff, L 076820
Reichman, G A 077665
Reichmann, H 074269
Reichstein, T 077415
Reichstein, T 079845
Reichstein, T 080416
Reid, D M 078141
Reid, P E 076525
Reid, V H 079262
Reifenhauser, T 074011
Reifman, V G 079145
Reifman, V G 079201
Reimold, R J 076864
Reimund, D A 072909
Reinecke, J P 080311
Reinecke, R K 075785
Reiner, U R 074571
Reinhard, H 072999
Reinhardt, H J 074599
Reinhart, B S 074734
Reinhart, B S 074757
Reinicke, J 073388
Reinke, W C 074077
Reinken, G 073393
Reisch, E 073486
Reisch, K W 078853
Reiser, R 073713
Reiss, F J 073051
Reissig, W 076005
Reitinger, J 081680
Reitsma, A 078273
Rejmanek, M 076868
Rejmankova, E 077404
Reklewski, Z 073499
Rekos, J 080684
Rementsova, M M 075601
Remillet, M 080373
Remod, J 078211
Remrod, J 076399
Remson, I 081745
Remy, R 077731
Renard, Ch 077705
Renaud, J 080933
Reneau, R B 081839
Renerre, M P 074648
Renfro, G W 081576
Renieri, G 073562
Renieri, G 081764
Renney, C W 078472
Repka, J 077699
Repka, P 076439
Resh, H M 078940
Resko, J A 074660
Restivo, R J 077440
Restuccia, A 075556
Retallack, B 077025
Retan, A H 080149
Retan, A H 080691
Rethinam, P 081651
Retina, T A 077471
Reunov, A V 079201
Reunova, G D 079201
Reus, A 079850
Reuschl, W 073814
Reuss, J O 081612
Reuter, G 073935
Reuter, H 074008
Reuter, H 074013
Reuter, H 075475
Reuterwall, C 074628
Reutova, E G 075928
Reveal, J L 076932
Revenskii, V A 081299
Revutskii, L 073012
Rey, P 077525
Reyes, H 078988
Reyes, T T 079080
Reyneke, J 074999
Reynolds, A E 073565
Reynolds, G E 076044
Reynolds, I M 075742
Reynolds, J A 074869
Reynolds, T 078105
Rezbanyai, L 080597
Reznikov, M 075652
Rezvaia, E A 076978
Rhoads, F M 077928
Rhodes, D B 073005
Rhodes, M B 075815
Rhodes, R J 073735
Ri, C Y 077555
Riabov, A G 074483
Riadchikov, V G 075145
Rian, A 072926
Ribadeau-Dumas, B 074604
Ribeiro, A S 079008
Ricci, A 073092
Ricci, A 073093
Ricci, A 080977
Ricci, P 078907
Rice, H V 077859
Rice, H V 077860
Rice, H V 077861
Rice, M J 080226
Rich, S 081109
Rich, S 081814
Richard, F 076970
Richard, J L 075622
Richard, M A 079634
Richards, P 080396
Richards, P G 080387
Richardson, B L 080398
Richardson, B L 080685
Richardson, M 075614
Richardson, P E 076997
Richardson, R H 080254
Richarts, E 073192
Richelme, H 075482
Richmond, P A 074659
Richmond, R N 073006
Richter, H 080778
Richter, H 080779
Richter, H 080780
Richter, J H 079668
Richter, K 077053
Richter, S 079290
Rickart, H 081070
Rickmann, A 078317
Rico, A G 074498
Rico, A G 076143
Ridge, I 077972
Ridgway, R L 079706
Riebe, K 074423
Rieck, C E 079602

Riedel, H 073440
Riedel, W 080554
Riedl, H 076725
Rieger, C 080557
Riemann, F 072785
Riemann, H 073703
Riemann, U 074344
Riemann, U 080914
Riemann, U 080915
Riemann, U 081818
Ries, S K 077961
Ries, S K 079610
Riese, L 078628
Rietberg, H 074087
Rieth, A 076615
Riger, R 077103
Righter, H F 075725
Righter, H F 080089
Rijk, M A H 073828
Rijkenberg, F H J 079005
Rijpkema, Y S 074324
Rikmenspoel, R 075210
Riley, M P 072698
Riley, M P 073371
Rincon Sepulveda, O 078795
Rincu, I 078189
Riner, J C 073632
Riner, J C 080090
Ringarp, N 076029
Ringen, J 073493
Ringer, R K 074724
Ringer, R K 074758
Rinne, W 075117
Rinno, G 081338
Rinno, G 081340
Rinno, G 081347
Rio G, E del 079910
Rioux, G 079634
Ripken, H 076363
Ripolees Moles, J L 079789
Rippka, R 077331
Ristevski, B 078070
Ristevski, B 078739
Ristow, R 074016
Risvand, J 076327
Ritchie, E 076432
Ritchie, J C 081879
Ritchot, C 079634
Rittenhouse, L 073136
Rittenhouse, L 079620
Ritter-Studnicka, H 077477
Ritter, F J 079989
Ritter, F J 080421
Ritter, S 072889
Rivard, I 079802
Rivas, J 077541
Rivellini, P 075880
Rivera, E R 076726
Rivet, E 079808
Rivlin, M 078115
Rivosecchi, L C V 073087
Rizescu, G 078786
Robards, G E 074868
Robel, E 074748
Robens, J F 073564
Robens, J F 075448
Roberts, A W 075904
Roberts, B 080414
Roberts, D L 074224
Roberts, D R 076405
Roberts, E M 074869
Roberts, F C 079971
Roberts, H A 079482
Roberts, H E 076097
Roberts, J J 078358
Roberts, J J 078360
Roberts, R L 074146
Roberts, R S 080041
Roberts, S 081519
Robertson, A M 075908
Robertson, F J 075906
Robertson, I 081662
Robertson, I A D 077293
Robertson, N H 073973
Robinson, A S 080215
Robinson, B 074700
Robinson, B A 075645
Robinson, G A 074731
Robinson, G H 081241
Robinson, J C 078167
Robinson, J P 074635
Robinson, R G 079616
Robinson, W B 078765
Robinson, W H 079926
Robles Lobos, W 076390
Robohm, K F 074352
Robson, M J 077766
Rocca, E 078643
Rocchi brasiello, A 080195
Rocha Ramirez, D 073872
Rocha, A I da 077514
Rocha, G L da 074892
Rocha, G L da 074894
Rochescouste, E 079548
Rochev, P A 074484
Rock, R C 073003
Rock, R C 073004
Rockwell, R F 080176
Rodale, R 078775
Rode, H 079286
Rodewald, G 072777
Rodionova, I F 073700
Rodkey, F L 075994
Rodricks, J V 073586
Rodrigues, P 078717
Rodriguez de Zapta, L 073292
Rodriguez de Zapta, L 073293
Rodriguez-Barrueco, C 077315
Rodriguez-Garcia, M I 076971
Rodriguez-Navarro, A 073878
Rodriguez-Navarro, A 080674
Rodriguez, J G 079876
Rodriguez, P H 080005
Roebuck, P 072723
Roeder, A 076252
Roelfsing, J 076203
Roelofs, W L 079807
Roelofs, W L 080421
Roest, C W J 081669
Roest, J I R 079381
Rogers, A J 080034
Rogers, C E 079854
Rogers, C E 079746
Rogers, G B 073325
Rogers, H H 078450
Rogers, J D 076913
Rogers, K M 079044
Rogers, P F 079267
Rogers, P F 079697
Rogler, J C 075064
Rogler, J C 075065
Rogoff, W M 079973
Rogoff, W M 080030
Rogova, N T 077223
Rohde, W A 074224
Rohlik, M 074173
Rohr, K 074369
Rohr, K 074842
Rohr, K 075011
Rohr, K 075120
Rohrig, E 076359
Rohrmann, B 074120
Rohweder, D 078249
Rohweder, D A 081274
Roistacher, C N 079156
Rojevski, M 073054
Rojo Sanchez, E 079785
Rojo Snachez, E 078930
Rokholt, O 073237
Rokicki, E 074599
Roland, D A 074729
Roland, D A 074730
Roland, D A 074732
Roland, D A 075062
Roll-Hansen, F 079087
Rolla, S R 078419
Rolland, D M 073958
Rollier, M 078471
Rollin, P 077869
Rollin, S F 073459
Rollin, S F 078379
Rollins, M L 074221
Roloff, A 075013
Roman, P 073464
Romanchev, V M 077909
Romanello, G 080982
Romanenko, G A 073056
Romanenko, L G 078885
Romanenko, V F 075930
Romaniuk, A 074511
Romaniuk, K 073563
Romaniuk, K 075587
Romaniuk, N A 075403
Romanov, V P 077205
Romanov, V P 077227
Romanova, N I 077208
Romanowski, R R 079469
Romero Leal, J 079691
Romero Leal, J 079692
Romero T, J J 074853
Romine, R R 080086
Romkens, M J M 081546
Rommann, L M 078455
Romney, E M 076781
Romney, E M 081225
Romo, R V 074212
Rondina, R V D 076686
Ronnebeck, W 079630
Ronnebeck, W 081333
Roo, R de 076980
Rooney, J R 076037
Rooney, W F 079987
Roos, A 077022
Roper, L 076579
Roque, F H 080161
Roquib, A 081385
Rosander, R W 079701
Rosay, B 080039
Rosay, B 080443
Rosca, M 081690
Roschel, B 078153
Roscher, H 078153
Rosen, D 080563
Rosenberg, N J 077640
Rosenberger, R F 076939
Rosenfield, D 073739
Rosengren, K O 073041
Rosenthal, J J 075564
Roshchin, A M 077472
Rosmolen, G 080765
Ross, I K 077456
Ross, I K 077457
Ross, J H 076771
Ross, K 075365
Ross, M A 079441
Ross, W M 078258
Rossano, A T 081854
Rossi, A W 079811
Rossi, C R 075627
Rossi, P 075491
Rossini, E 075558
Rossow, N 075496
Rostagno, H S 075064
Rostagno, H S 075065
Rostovtsev, N F 075413
Rostovtsev, N F 075414
Rosu, L 078188
Rotaru, I 075341
Rotaru, I 075385
Rotgans, I E M 079989
Roth-Maier, D A 075154
Roth, F X 075154
Roth, G 075763
Roth, L E 075208
Roth, L M 080294
Roth, L O 080940
Roth, R L 081603
Rothenbuhler, W C 080676
Rothig, H 072808
Rothig, H 080818
Rothnauer, A 072887
Rothschild, A 073579
Rothschild, A 079921
Rothschild, M 079845
Rothschild, M 080407
Rothschild, M 080416
Rottenberg, H 078032
Roudabush, R L 073637
Rougeot, J C 074648
Rouillard, G 074201
Rous, J 074763
Rous, J 075068
Rous, J 075069
Rousseau, C 081845
Rousseau, G G 079329
Roussel, J P 080369
Roussel, N 078630
Rousset, A 080297
Rouveroux, P 073168
Rouy, H 073194
Rouy, H 073424
Rouy, H 073425
Rovere, R J 075844
Roverso, E A 074889
Rowan, C L 081569
Rowe, H F 077495
Rowland, A C 076073
Rowland, L O 074729
Roy, E P 072892
Roychoudhuri, S P 079221
Roychoudhury, N 077982
Rozhnov, V V 073125
Rozickova-Repova, N 074773
Rozmus, M 077253
Rozumnyi, I 072745
Rozycki, M 075284
Ruane, R J 081600
Ruark, R G 073722
Rubaihayo, P R 077724
Rubery, P H 078233
Rubes, L 078168
Rubin, B A 079212
Rubin, G J 076110
Rubin, S S 081582
Rubio Gutierrez, F J 078639
Rubtsova, V V 076937
Ruckebusch, Y 075085
Rucker, G 077518
Rudbach, J A 075707
Rudd, W G 075210
Rudel, R K 081873
Rudenko, G 072741
Rudic, M 078742
Rudic, M 078743
Rudik, P S 081867
Rudnicki, R 077969
Rudoi, A B 077492
Rudolstadt-schaala, W 074065
Rudzka, Z 074237
Ruebenbauer, T 077094
Ruebenbauer, T 077149
Rueness, J 079296
Rueness, J 081799
Ruesink, W G 079700
Ruibal, R 073002
Ruiz Amil, A 081042
Ruiz-Argueso, T 073878
Ruiz-Argueso, T 080674
Ruiz, D S 073163
Rukmanski, G IA 077087
Rukosuev, A N 074230
Rulka, J 075746
Rulliere, G 081837
Runeberg, L 076446
Runeberg, L 076452
Runeckles, V C 078940
Runeva, T D 079553
Rungsiyakul, D 077551
Runyan, W D 076540
Runyan, W D 081858
Rupp, G 074317
Rupp, H 074625
Rupp, R 080539
Ruppel, R F 079733
Rupprecht, H 078033
Rural, P P A 078369
Rusack, H J 076259
Rusakov, G 076693
Ruschke, R 073811
Rusev, Kh 075885
Rusinov, I F 081567
Ruskova, V M 077465
Russ, O G 079607
Russel, G E 078947
Russel, J R 075630
Russell, C R 073810
Russell, F J 073593
Russell, I M 073684
Russell, I M 079939
Russell, J R M 081210
Russell, R G 075645
Russell, T E 076215
Russo, M 079173
Russo, M 079174
Rust, R W 080002
Rustamov, M Sh 081021
Rustig, M 080821
Ruszkowska, B 077756
Ruszkowski, M 077755
Ruszkowski, M 077756
Ruszkowski, M 078373
Ruszkowski, M 078374
Rut, A 073883
Ruth, P 080859
Rutherford, G K 081156
Rutili, G 072674
Rutili, G 072883
Rutili, G 074411
Rutledge, J E 074160
Ruzicka, B 074855
Ryan, B C 076229
Ryan, J J 073585
Ryan, J J 074255
Ryan, J W 074608
Rybachenko, A 072818
Rybicka, H 077626
Ryding, W W 077901
Rykaczewska, K 081196
Rykbost, K A 080740
Ryman, N 074628
Rymarev, I V 075436
Rymer-Dudzinska, T 076321
Ryndin, G L 074486
Rynduch, W 074190
Rysanek, D 081000
Ryswyk, A L van 081359
Rytel, M 077627
Ryu, E 075863
Ryu, E 075864
Rzaev, G A 077675
Rzaev, G A 077676
Rzaev, N M 077720
Rzedzicki, J 075747
Rzepecki, R 075285
Sa e melo Marques, A 081014
Saar, C 076028
Sabasny, P 077119
Sabatini, O 073361
Sabharwal, P S 077447
Sabirov, B 079095
Sable, A 072791
Sacco, T 077593
Saccomandi, V 073081
Sachariev, S 073466
Sachsse, H 076464
Sadanandan, N 081096
Sadasivaiah, R S 077040
Sadasivam, R 074249
Sadasivam, R 079018
Sadauskas, P 075603
Sadauskas, P 075604
Sadauskas, P 075605
Sadauskas, P 075990
Sadauskas, P 075991
Sadauskas, P 075992
Sadauskas, P 075993
Sadauskas, P B 075606
Sadauskas, P B 075607
Sadauskas, P B 075608
Sadek, S 075626
Sadini, V 073940
Saettler, A W 079146
Safarova, P 074759
Safarova, P 074760
Safe, S 077454
Safe, S 079481
Safiazov, Zh 079096
Sagaidachnaia, Z 072649
Saghir, A R 079614
Sagi, F 078051
Saguchi, T 080725
Saha, A K 078600
Saha, P K 074097
Sahni, S L 080250
Sahrakorpi, S 081820
Said, A H 075869
Saigusa, M 077781
Saikku, P 075612
Saikku, P 079947
Saikku, P 079948
Saikku, P 079949
Saimbhi, M S 078095
Saini, A S 073708
Saint Paul, U Von 074663
Sainz Garcia De La Mora, J M 073154
Saito, B 081144
Saito, I 074680
Saito, I 074681
Saito, I 074682
Saito, I 075759
Saito, M 077320
Saito, M 081167
Saito, S 077783
Saito, T 079826
Saito, Y 080572
Saitta, W W 072772
Sak, Zh M 074820
Sakaguchi, S 079252
Sakai, J 080808
Sakai, J 080809
Sakai, T 077378
Sakaida, J 080854
Sakharova, M N 080280
Saksa, E I 075434
Saksena, S N 077830
Sakuchi, T 073035
Sakurai, H 077929
Sakurai, M 078400
Sakurai, N 074606
Salaev, M E 072725
Salajka, E 075574
Salama, H S 079755
Salama, H S 079863
Salama, H S 079941
Salamon, S 075196
Salamov, G A 076817
Salas, C G 080809
Salazar, J 078948
Salazar, J 078949
Salazar, J 078950
Saleh, M R I 077556
Salek, J 080792
Salem, S A 074207
Salem, S A 079941
Salembier, J F 079477
Salisbury, E 076981
Salisbury, G 076774
Salishchev, K A 081806
Sallmann, H P 075158
Salman, A J 075050
Salman, H A 081865
Salmon, R E 074071
Salmon, R E 074726
Salmonowicz, J 073923
Salonen, K 076298
Salsac, L 077844
Salsac, L 078111
Saltenis, B 078897
Salts, Y 077081
Salvador, G 076970
Saly, A 081056
Samala, B J 073927
Samboornaraman, S 081142

Samborski, D J 077043
Samborski, D J 078944
Samish, R M 078734
Sammy, G M 073591
Samokhavalov, S G 081126
Samokhin, V T 074838
Samokhina, R F 074487
Sampayo Fernandez, M 078924
Sampayo Fernandez, M 079784
Sampayo, M 076823
Sampayo, M 078923
Sampson, D R 076638
Sampson, G R 075902
Samset, I 076503
Samsinak, K 080456
Samsonov, M M 074206
Samsonova, I A 077202
Samuel, G S 079185
Samuel, G S 079728
Samuelson, G 075700
Samus'kov, V N 074793
San Pietro, A 077539
Sanburg, L L 080317
Sanchex-Monge, E 078948
Sanchez Belda, A 075197
Sanchez Botija, D C 075633
Sanchez De La Puente, L 077990
Sanchez Legido, A 073156
Sanchez P, S 078255
Sanchez Romero, A 079428
Sanchez V, H D 074448
Sanchez, E R 078929
Sanchez, L T 079691
Sanchez, L T 079692
Sanchez, P A 081571
Sandberg, C 073040
Sandell, A 078761
Sander, D H 078476
Sander, D H 081203
Sanders, R D 079975
Sandfaer, J 079168
Sandhu, J S 078362
Sandhu, J S 081628
Sandina, I B 076977
Sandina, I B 077226
Sandina, I B 077577
Sandkleiva, A 080937
Sandland, R L 077687
Sandra, P 073862
Sandru, I 079738
Sanesi, G 081104
Sanford, J 076158
Sangers, W J 072799
Sangers, W J 073174
Sangiorgi, F 080978
Sanko, P M 081172
Sannikov, T P 079577
Santhanaraman, T 079821
Santiago, O 073587
Santini, J E 072918
Santos M, V 078894
Santos Medes, F dos 078412
Santos, C A L dos 079507
Santos, M M dos 073444
Santos, M M dos 078722
Santos, M M dos 081618
Santos, O L dos 074891
Santosa, N P D 081162
Sanwal, G G 078118
Sanyal, S N 076488
Saorine, A 075579
Saouma, E 073495
Sapeika, N 073920
Sapolski, B A 076302
Sapozhkov, S V 075960
Sapunaru, T 079738
Saramaki, J 076396
Sarasto, J 076388
Sarasto, J 079077
Sarin, S P 076488
Sarkadi, J 081285
Sarkar, A N 081138
Sarkar, D 078960
Sarkar, T K 081625
Sarkar, T K 081626
Sarkhanbeili, IU I 077020
Sarkisov, A Kh 075942
Sarkisova, M A 077583
Saro, J de 074251
Sarosiek, J 076856
Sarospataki, G 079868
Sarpe, N 078465
Sarudi, I 073934
Sarukhanova, E P 081005
Sarwar, M 078901
Sarykulov, D 073015
Sasaki, R 078003
Sasaki, T 080664
Sasaki, T 080665
Sasaki, T 081549
Sasaki, Y 078003
Sasinovich, L M 073698
Sasinovich, L M 080147
Sasscer, D S 078214
Sastry, B S 074153
Sastry, C B R 076524
Sato, K 076025
Sato, M 077030
Sato, M 077035
Sato, M 078933
Sato, S 075736
Satoh, J Y 077519
Satrapa, R 074598
Satyanarayana, K 073756
Sauer, J R 080223
Sauer, J R 080346
Sauer, J R 080347
Sauklyte, D 074858
Saund, A K 080281
Saunders, J L 080068
Savage, V 073869
Savchenko, V F 080043
Savel'ev, N I 078190
Savina, P N 073915
Savov, N 075886
Savva, V G 076952
Sawada, I 075733
Sawamura, H 074991
Sawane, S S 075822
Sawant, R Y 077980
Sawaryn, A 074502
Sawhney, D S 076139
Sawhnye, S K 077694
Sawicka, J 075334
Sawicki, J 074246
Sawyer, D C 075546
Saxena, H O 076687
Saxena, J 079480
Saxena, M C 081373
Sayre, J G 073910
Scaife, M A 077995
Scales, A L 079709
Scanlan, R A 073635
Scanlan, R A 080095
Scantamburlo, J L 078370
Scaramuzzi, F 078738
Scarpellino, R 077427
Scarsbrook, C E 077660
Scawen, M D 077358
Schache, W 076314
Schachl, R 081320
Schade, H 075116
Schade, H 080750
Schaefer, C H 079978
Schaefer, H 074312
Schaeffer, L R 075256
Schaer, E 078819
Schafer, E 078145
Schafer, W 074127
Schaik, F S M van 073789
Schall, W 076473
Schams, D 075175
Schantz, M von 077267
Scharer, V 076057
Scharfenstein, O H C 073196
Scharfenstein, O H C 073251
Scharfenstein, O H C 073631
Scharfenstein, O H C 080080
Schargel, R 081015
Scharner, E 073602
Schauer, W 076182
Schauer,f 079289
Schaufele, W R 079114
Schaufele, W R 079338
Schauff, A M 073653
Schaumann, K 076614
Schaumann, K 076904
Schechter, M S 080059
Schedl, K E 080622
Schedlbauer, M D 076942
Scheepers, J C 081132
Scheer, J 073603
Schefer, E 074217
Scheffel, H D 078708
Schelander, B 076367
Schelhaas, H 073287
Scheller, K 080445
Schellner, G 076006
Schellner, H P 075984
Schenk, G 073286
Schepartz, A I 074227
Scheremetjew, G 080737
Scherpe, W P 076028
Schetschev, W 080735
Scheusner, D L 073640
Schieber, E 078652
Schiefer, B A 079969
Schiemann, R 074331
Schier, G A 076916
Schildberger, K 073432
Schill, R 076958
Schinke, W 073601
Schirmeisen, D 073294
Schlegel, R 077054
Schlegel, W 074467
Schlegel, W 075364
Schleicher, I 073831
Schlesinger, F 078670
Schlettwein-Gsell, D 073866
Schlettwein-Gsell, D 073867
Schlettwein-Gsell, D 073868
Schlicht, H 073208
Schlicht, H 073602
Schlichting, H E 077605
Schlichting, M C 074469
Schlichting, M C 080781
Schliephake, G 080601
Schlinger, E I 080631
Schluter, M 080491
Schmalfuss, H 080638
Schmalz, H 077055
Schmedemann, I W 072772
Schmehl, W R 077714
Schmeisser, E H 076249
Schmelzer, K 079165
Schmidt, C 081348
Schmidt, C D 079988
Schmidt, C D 080241
Schmidt, K D 081740
Schmidt, L 078418
Schmidt, M 074994
Schmidt, S 078696
Schmidt, S C 073339
Schmidt, W 078145
Schmidtborn, H 074351
Schmied, M 077163
Schmiel, M 072656
Schmitz, J A 075792
Schneck, G 075893
Schneck, G 076020
Schneeberger, W 073181
Schneeberger, W 073385
Schneider, D F 080323
Schneider, J 078799
Schneider, M 073387
Schneider, M 076236
Schneidereit, M 078653
Schnitzer, M 081213
Schnitzer, M 081214
Schober, R 076189
Schoberlein, L 073602
Schoeffel, W 074420
Schoeman, E A 075000
Schoenike, R E 076346
Schoenleber, L G 079804
Schoknecht, J D 076895
Schole, J 075158
Scholz, R W 074973
Schon, H 072996
Schon, H 080702
Schonauer, H 076422
Schonbohm, E 077282
Schonmuth, G 075366
Schooler, A B 077003
Schooler, A B 079601
Schooley, D A 080368
Schopmeyer, H H 073807
Schoss, P 075493
Schossee, G 073995
Schowtka, A 078678
Schratt, H 073434
Schreier, J 078421
Schreier, O 079365
Schremmer, F 080283
Schrenk, W J 076701
Schrimer, R G 075998
Schroder, E 078698
Schroder, F 072987
Schrodl, J 074416
Schrodt, W 074312
Schroeder, C A 078646
Schroeder, G 076301
Schroeder, G 076304
Schroeder, G J 076635
Schroeder, H A 077508
Schroeder, H W 074137
Schropp, K 073858
Schroter, K 076971
Schrotter, H 076316
Schruft, G 079862
Schubert, G H 076407
Schubert, O 079585
Schubert, O E 078855
Schubert, O E 078856
Schubert, O E 078857
Schubert, O E 079579
Schubert, O E 079580
Schubert, O E 079582
Schubert, O E 079583
Schubert, O E 079584
Schubert, O E 079586
Schubert, O E 079587
Schubert, O E 079588
Schubert, O E 079589
Schubert, O E 079590
Schuberth, R 072621
Schubiger, G 080253
Schuck, H J 078241
Schuetz, R D 080298
Schuhmacher, H 076837
Schuiling, M 079244
Schuler, E M 075186
Schuler, E M 075188
Schuler, W 080372
Schulte-Uentrop, B 080758
Schulte, K H 080841
Schulten, H R 080085
Schultz, G 074461
Schultz, P 076941
Schultz, R A 074696
Schultz, R A 074697
Schultz, R D 075706
Schulz, H 076475
Schulz, H 080824
Schulze, 075476
Schumacher, R 077595
Schuman, G E 081547
Schumann, E 080843
Schumann, H 075380
Schumann, K 079291
Schupp, A 074996
Schuster, E 076483
Schuster, W 077726
Schutt, P 078241
Schvarts, S S 074690
Schwaier, R 077406
Schwaier, R 078969
Schwanghart, H 080911
Schwark, H J 075116
Schwartz, A 079828
Schwartz, F W 081749
Schwartz, R 073711
Schwartz, R 073712
Schwartz, S 075994
Schwartz, S I 072775
Schwarz, E 075380
Schwarz, F J 074843
Schwarz, F J 074845
Schwarz, O J 077866
Schwarz, S 076034
Schwedler, H 075531
Schweizer, E W 078348
Schwenke, W 076181
Schwind, F 077147
Scifres, C J 072676
Scifres, C J 079485
Scott, D W 076094
Scott, D W 076109
Scott, E G 079535
Scott, E G 080796
Scott, F W 075706
Scott, H A 080339
Scott, H D 077647
Scott, H D 079415
Scott, J T 072755
Scott, J T 073051
Scott, J T 073246
Scott, K J 074256
Scott, M L 074873
Scott, M L 074913
Scott, M L 074927
Scott, M L 074965
Scott, M L 076125
Scott, W A 077436
Scott, W A 077437
Scott, W N 074572
Scruggs, B 073806
Scupin, E 075818
Scurov, S V 080756
Seabrook, W D 080216
Seah, K T 077042
Seale, P E 074263
Seaman, A 073568
Seaman, E A 081675
Seas, S W 073939
Seay, S 076528
Sebestyen, E J 074183
Seckler, D 074903
Sedlacek, B 081706
Sedlag, U 079631
Sedlak, J 080923
Sedlak, O 076179
Sedlak, O 076426
Sedlakova, E 075327
Sedlovskii, A I 078192
Seefeld, H von 074552
Seeland, G 075366
Seem, R C 079306
Seetanun, W 077648
Seeto, J C F 077345
Sefton, M A 077500
Segawa, K 079272
Segonzac, G 076808
Segui, V 080646
Segui, V 080647
Seher, J S 076744
Sehgal, S R 081630
Seibel, A 078843
Seibel, W 074125
Seiber, J N 080093
Seibt, G 076256
Seidel, E 073440
Seidel, K 073036
Seidenberg, H 074270
Seidler, R 072886
Seif, S M 074658
Seiger, M B 080176
Seike, K 078018
Seiler, J P 080069
Seilova, L B 076889
Seitz, K 077283
Seitz, W D 073051
Sekhar, A C 076488
Seki, H 077311
Selcer, R R 075458
Self, R 078119
Selim, S 080093
Sell, J L 074971
Sellers, L G 079925
Sellner, W A 077662
Sellwood, R 075719
Selman, I E 074803
Selvaraj, P 073033
Semadeni, A 077843
Semancik, J S 079206
Sembin, E 073018
Sembrat, K 080459
Semchenkov, V B 076105
Semenova, V A 080429
Semikhatova, O A 079495
Semikhatova, O A 081125
Semikhnenko, P G 081586
Semjanova, E 074526
Semtner, P J 080347
Sen, L K 073538
Sen, N P 073573
Sen, P K 077975
Sen, P K 077977
Sen, P K 077978
Sen, P K 077982
Sen, P K 078602
Sendelbach, A G 074375
Senger, C 080595
Senior, B E 075174
Seniuta, R 075591
Senkowitsch, B 073470
Senn, V J 077760
Senner, J W 077329
Senyk, G F 073928
Sequin, B E 075349
Sera, H 074031
Sera, H 074032
Serafini-Eracassini, A 074622
Seraia, G P 077396
Serban, S 073821
Serdiuk, N A 079072
Seregova, E V 074818
Sereni, S 074456
Serenyi, L 074180
Sergeev, I A 080794
Sergeev, N I 075151
Sergeeva, L A 080794
Serizawa, S 079076
Serra, G 079439
Serrano Vilar, J 078925
Serrano Vilar, J 078926
Serroen, F 073408
Servettaz, O 077870
Seshadri, P 081534
Sessoms, A H 077140
Setchenska, M 077342
Seth, S K 076264
Seth, S P 081095
Sethunathan, N 080096
Sethuraman, S 079448
Settergren, I 075182
Setty, D R L 075767
Setty, S V S 075025
Seufert, H 080707
Seuster, H 072987
Seuster, H 073065
Sevast'ianova, V V 081294
Sevenet, T 076606
Sevenhuijsen, R J 081669
Severin, V P 074838
Severina, L O 077270
Severino, P 072855
Severson, J G 077986
Sevoian, M 075809
Sexten, W E 073072
Sexten, W E 075321
Sexten, W E 075322
Sexton, J W 075465
Sexton, T J 075261

Seyfarth, W 074171
Seyfried, W R 072964
Seyman, W S 081324
Seymour, M K 079348
Shabanov, M R 081407
Shaffer, H B 081355
Shaffer, R 073552
Shafie, M M 074575
Shafran, R S 075927
Shaga, N I 076713
Shahani, K M 073765
Shahani, K M 073943
Shahrasbi, H 075521
Shain, L 078205
Shakarnis, V F 080426
Shakirov, T 072813
Shalo, P L 073982
Shamiyeh, N B 080137
Shamiyeh, N B 081215
Shamma, M 077399
Shanahan, A G 080198
Shandru, I A 078801
Shaner, G E 078358
Shanholtz, M I 081839
Shani, J 075637
Shaniiazov, B S 077727
Shanmugam, A 078082
Shanmugam, A 078083
Shanmugam, N 079016
Shanmugham, A 078610
Shany, S 077696
Shapiro, IU O 074482
Shaposhnikova, A M 073111
Sharashidze, R V 076782
Sharipov, D Sh 076164
Sharma, A B 078608
Sharma, D 077107
Sharma, D K 077007
Sharma, D K 077008
Sharma, D K 078589
Sharma, D N 073561
Sharma, H D 080885
Sharma, J P 081377
Sharma, P D 076810
Sharma, R K 079603
Sharma, R P 081624
Sharma, V K 079718
Sharma, V S 079537
Sharma, V S 079538
Sharma, Y K 076485
Sharova, N L 076952
Sharova, V M 076126
Sharp, J D 075357
Sharpee, R L 075771
Shasha, B S 073810
Shatil, J E 072670
Shatilov, I S 077947
Shatilov, I S 078564
Shauklite, D P 074859
Shauklite, D P 080801
Shaw, E R 077621
Shaw, J G 079207
Shaw, J G 079750
Shaw, M J P 079684
Shaw, M J P 079686
Shawe, F J 074170
Shawkat, A L 078682
Shchedrin, N D 078507
Shchegolev, S IA 075576
Shcherbakova, N M 079210
Shchereva, L 078458
Shchereva, L 081195
Shchigel'skii, O A 077576
Sheasby, J L 079899
Sheehy, J E 077763
Sheen, S J 077800
Sheen, S J 077805
Sheen, S J 077806
Sheen, S J 077854
Sheets, T J 080139
Sheets, W A 079444
Sheffer, E G 072757
Shehgal, S R 081624
Sheiberg, T N 073546
Sheiko, S N 081801
Shekhawat, G S 078368
Shekhawat, G S 081382
Shekir, N A 074366
Shelby, C E 074643
Sheldahl, L 075667
Sheldon, T 077346
Shelepov, V V 079551
Shelepova, V I 079551
Shelest, V P 075171
Shelkoudenko, V G 078886
Shellard, E J 077551
Shemakhanova, N M 081143
Shemer, M 074161
Shen, T F 074754
Shenderov, B A 079134
Shenefelt, R D 080564
Shenefelt, R D 080650
Shennan, J L 074340
Shepard, J 078085
Shepherd, A M 079347
Shepherd, C S 080998
Shepovalov, V D 080996
Sher, L A 073124
Sherbon, J W 073961
Sheriff, A 076922
Sherman, M 076140
Sherman, M 080022
Shestakov, S V 077102
Shevchenko, N S 077907
Shevchenko, V A 077101
Shevchenko, V A 077228
Shevchenko, V E 077181
Sheviakova, N N 079134
Shevtsova, L S 077193
Shewell, G E 080507
Shibata, F 074988
Shibata, K 077873
Shibata, M 077377
Shibuya, H 079252
Shibuya, M 081120
Shibuya, M 081121
Shida, T 077311
Shidla, L A 077304
Shieh, J J 077875
Shiga, M 079793
Shikhaleev, N F 074050
Shikhov, I IA 075420
Shimada, T 077131
Shimazaki, K 073952
Shimizu, K 077713
Shimizu, R 074981
Shimizu, T 075636
Shimizu, Y 077034
Shimizu, Y 079254
Shimko, A N 073100
Shimosako, Y 079252
Shimoya, C 078164
Shimura, I 079792
Shin, N G 075601
Shinde, Y 074984
Shingte, A K 081644
Shingte, N G 075335
Shinohara, K 080580
Shiomi, H 080363
Shiono, Y 078676
Shipe, W F 073928
Shipilov, V S 075397
Shipley, G L 077456
Shipley, G L 077457
Shirai, T 074302
Shirai, T 078175
Shirai, T 081495
Shirata, S 074342
Shire, J G M 075988
Shirley, J E 074657
Shirodkar, A S 079166
Shirshova, R A 077294
Shishkina, A I 077586
Shkarlet, O D 076222
Shkarlet, O D 078243
Shkel', M P 081309
Shkuratov, I 072831
Shkvaruk, N M 081297
Shlyk, A A 077492
Shmanenkov, N A 075130
Shmueli, M 081615
Shmygin, I I 074489
Shmygin, I I 074840
Shnain, A H 075568
Shoji, J 079272
Shoji, S 077783
Shoji, S 081118
Shoji, S 081122
Shore, M 074156
Short, C E 075545
Short, C E 075547
Short, D 079798
Short, D E 079271
Shotskii, V P 072756
Shpak, G E 074818
Shpakov, A P 074051
Shpakov, A P 074822
Shpakov, A P 075141
Shpakova, A M 075928
Shpakovskii, A A 075959
Shpirko, S A 074838
Shrivastava, N C 081001
Shrivastava, U K 078438
Shriver, J W 079606
Shtein, E S 081305
Shtikkel', E I 074799
Shubert, O E 078848
Shubert, O E 079581
Shubina, L V 079233
Shubina, L V 081313
Shuffett, D M 073478
Shufinskaia, Z N 081287
Shugaeva, E V 077204
Shugin, L S 078815
Shukiurov, D Z 077392
Shukla, R N 078118
Shul'govskaia, Z A 075150
Shul'man, I M 080794
Shul'man, T S 079096
Shulov, A 080575
Shulyndin, A F 077201
Shumaker, J R 078900
Shumilov, K V 075929
Shumnyi, V K 075348
Shumnyi, V K 077189
Shumnyi, V K 077222
Shurtleff, M C 079299
Shurukhin, V V 081173
Shurukhina, S I 081173
Shurygina, E A 081169
Shvedova, V A 081802
Shvyd'ko, V 072812
Shyluk, J P 076891
Shyu, Y T 081505
Siaglov, V A 076985
Siaglov, V A 077956
Siaglov, V A 081515
Sial, M B 074951
Sicart, M 080646
Sicart, M 080647
Sick, K 080276
Sidakov, M 073027
Siddall, J B 079643
Siddall, J B 080299
Siddall, J B 080368
Siddikov, M S 081295
Siddiqi, I 079343
Siddiqi, I 081827
Siddiqui, M O 078237
Sidhu, A S 079717
Sidor, V 074462
Sidorova, K K 077222
Sidwell, B A 077754
Sieber, R 076246
Siebert, R 079464
Siebrecht, 073851
Siedel, M 074271
Siegel, A 079208
Siegel, H S 074749
Siegert, M 073839
Siegl, W 075019
Siekevitz, P 076956
Sielaff, H 074006
Sierpinski, Z 076230
Sierpinski, Z 079908
Sierpinski, Z 079915
Sierpinski, Z 080600
Sievers, A 076971
Sievert, R C 079090
Sievert, R C 079199
Siew-Ngo, L 076675
Siew-Ngo, L 077071
Sifuentes A, J A 079227
Sikka, H C 079480
Siksa, J 073610
Siladi, D 077100
Silam, M S 077424
Silanteva, A G 074230
Silar, J 081281
Silberbauer-Gottsberger, I 077478
Siler, R 075328
Silis, D IA 077244
Silva Ferreira, M 072655
Silva, A da 075695
Silva, A J da 073503
Silva, A R da 073482
Silva, C A M 074598
Silva, D J da 074889
Silva, L R M da 074888
Silva, R M B da 078009
Silva, T C A da 078492
Silvan, A 077915
Silveira, J J N 077701
Silveira, S M 079963
Silver, C I 075906
Silvestri, R 073181
Sim, J S 075049
Sim, J S 075063
Simakov, V N 081175
Simbwa-Bunnya, M N 079267
Simbwa-Bunnya, M N 079697
Simeanu, V 078189
Simeonoff, S 076019
Simeonoff, S 076119
Simeonov, B 078458
Simeonov, B 081195
Simeonov, S 075889
Simes, J J H 076431
Simes, J J H 077346
Simes, J J H 078203
Simes, J J H 078204
Simesen, M G 076009
Simionescu, C 073819
Simionescu, C 073820
Simmonds, N W 078382
Simmons, G C 075654
Simmons, G E 080397
Simolkin, L N 075411
Simolkin, L N 075416
Simon Thomas-Heijmans, A M J 080574
Simon Thomas, R T 080574
Simon, G 073075
Simon, J 081577
Simon, R B 080330
Simonella, A 075776
Simonella, P 075776
Simoni, P 074605
Simoni, P 075687
Simonian, M M 077634
Simonov, G A 081168
Simonov, P A 075925
Simonovic, V 076183
Simonovic, V 077366
Simonow, I 078732
Simovski, K 078748
Simovski, K 081666
Simpson, C F 075625
Simpson, D J 076083
Simpson, M E 078993
Simpson, R L 079550
Sims, J L 077800
Sims, J L 077807
Sims, J L 077808
Sims, J L 077809
Sims, P L 078291
Sin, G 078465
Sin, G 079542
Sinapov, D 072858
Sindelar, B W 078395
Sindlar, J 075447
Sinell, H J 073567
Sineschtschekow, A 074945
Sineshchekov, A D 075152
Singh ,R 079149
Singh ,R 081046
Singh, A R 078607
Singh, B 072989
Singh, B K S 076922
Singh, B P 078045
Singh, B R 081088
Singh, G 076688
Singh, H 077749
Singh, H D 077422
Singh, H D 077423
Singh, H G 081383
Singh, H N 077104
Singh, H N 077467
Singh, I P 075640
Singh, I P 077420
Singh, I P 077747
Singh, I P 081375
Singh, K N 073400
Singh, L B 077973
Singh, M 078474
Singh, M 080763
Singh, M 081377
Singh, M P 077256
Singh, N P 076646
Singh, N P 076706
Singh, N P 081373
Singh, P 080342
Singh, P I 073708
Singh, P N 078609
Singh, R 077976
Singh, R 079716
Singh, R K 078606
Singh, R N 077007
Singh, R N 077008
Singh, R N 077974
Singh, R N 077976
Singh, R N 077979
Singh, R N 078589
Singh, R N 078595
Singh, R N 079135
Singh, R P 079148
Singh, S 077133
Singh, S 077894
Singh, S 078118
Singh, S 079219
Singh, S B 072990
Singh, S P 077104
Singh, T H 078475
Singh, T N 077690
Singh, V 078364
Singh, Y P 077747
Singh, Y P 078366
Singh, Y P 079860
Singh, Y P 081375
Singhal, N C 077256
Singhvi, S M 079662
Singleton, V L 074313
Sinha, A K 081632
Sinha, D P 080250
Sinha, G C 079218
Sinha, G C 079220
Sinha, M N 081379
Sinha, R N 079937
Sinha, S B 081657
Siniagin, I I 078519
Sink, D 074640
Sink, D 080088
Sinke, J 078274
Sinkevich, A I 077175
Sinn, W 080708
Sinner, M 076477
Siopes, T D 074752
Siqueira, A C M de F 074888
Sirbu, V 072659
Sirbu, Z 076056
Sirivanakarn, S 080573
Sironoval, C 077540
Sirotkina, L K 074824
Sison, E C 074070
Sison, E C 074075
Sittmann, K 075215
Siuta-Iung, J 081444
Sivanappan, R K 081671
Sivasubramaniam, S 077135
Sivtsev, M V 076959
Sivtsev, M V 078091
Siwach, M S 078366
Sjogren, R D 079960
Sjogren, R D 079964
Sjolund, R D 076894
Skalicky, V 076671
Skalicky, V 076760
Skalka, J 074813
Skalka, J 076169
Skarda, M 081432
Skarman, S 075356
Skerman, R H 077343
Skidmore, P 080237
Skidmore, P 080238
Skierczynska, J 076898
Skjelmerud, H 076504
Skladanowska, E 075236
Sklenar, V 075364
Skog, J E 076613
Skorkin, G K 075145
Skorkin, V K 075131
Skorobogatykh, N N 075130
Skorpik, M 078501
Skott, C 080550
Skoupy, J 076379
Skov, S 077934
Skrijka, P 075592
Skrivan, M 075070
Skrivan, M 075072
Skrobak, J 080204
Skrzypczynska, M 079222
Skrzypczynska, M 079878
Skrzypczynska, M 079883
Skucinska, B 076936
Skuhravy, V 079761
Skutches, C L 074969
Skuterud, R 079522
Skvortsov, A K 076575
Skvortsov, A K 076715
Skvortsov, V 080540
Slabnik, E 078159
Sladkopevtsev, S A 081801
Sladkovsky, P 073880
Sladky, Z 077704
Slana, L J 079052
Slankis, A IA 079232
Slaoky, V 080826
Slatyer, R O 077691
Slavik, B 076592
Slavik, B 076756
Slavko, M 076394
Slavko, M 079911
Slawatycki, A 073825
Slawatycki, A 073826
Slayman, C L 077435
Sleesman, J P 079841
Slen, S B 078336
Slepetiene, J 081035
Slepian, E I 077586
Slesser, M 073418
Sleumer, H 076602
Sliamov, B 073026
Slifer, E H 080294
Slikas, A 075602
Slinger, S J 075037
Slipka, J 074613
Sliusar, P M 074493
Sliuta, V P 075408
Sloan, D R 074730
Sloan, D R 075067
Sloboda, V 081711
Slocombe, J O D 075663
Slom, S M 073448
Slovencikova, V 077170

Slovencikova, V 079070
Slovic, D 078743
Sluchocka, Z 074195
Slugin, V S 075942
Slusar, M 073719
Smagulov, Sh B 075181
Smaliukas, D 077679
Smaliukas, D 077682
Smalstig, H R 079752
Smart, G C 079305
Smartt, P F M 076796
Smedman, L 081856
Smeds, H 072746
Smekalov, N A 075149
Smeltzer, G G 078325
Smetana, A 080505
Smichen, G 077081
Smidt, D 075225
Smidt, D 075226
Smidt, D 075444
Smierzchalska, K 077565
Smierzchalska, K 081198
Smika, D E 077655
Smirnoff, W A 079906
Smirnov, A I 074800
Smirnov, A M 080689
Smirnov, D A 075415
Smirnov, D A 075422
Smirnov, D A 075438
Smirnov, I 072813
Smirnov, O K 075411
Smirnov, V G 077199
Smirnova, R S 081306
Smirous, P 079514
Smit, H H 072801
Smith, A E 077774
Smith, A E 080097
Smith, B 077618
Smith, B A 074212
Smith, B B 076893
Smith, B N 076726
Smith, C F 080365
Smith, D 077645
Smith, D 078249
Smith, D 081524
Smith, D T 079594
Smith, E L 078490
Smith, E L 081479
Smith, E M 078853
Smith, E M 080800
Smith, E M 080971
Smith, F H 074969
Smith, F H 074972
Smith, F H 078288
Smith, F H 078289
Smith, G 074563
Smith, G C 074023
Smith, H 078136
Smith, H C 081506
Smith, J B 076982
Smith, J D 080858
Smith, L H 081871
Smith, L P 079055
Smith, L W 081810
Smith, M 072968
Smith, M M 077897
Smith, R C 074212
Smith, R E 075742
Smith, R F 079639
Smith, R J 076940
Smith, R S 077382
Smith, S 078934
Smith, S G 080508
Smith, S G 080509
Smith, S J 081748
Smith, T 075060
Smith, W H 079406
Smith, W T 074165
Smocek, J 077165
Smoliak, S 078335
Smoliak, S 078336
Smollich, G 076311
Smollich, G 076312
Smreczynski, S 080470
Smukalski, M 078302
Smychenko, A A 077585
Smyk, D 080680
Smyth, D R 077026
Smythe, L E 076594
Snagoveanu, C 079378
Snapir, N 074629
Snapir, N 074700
Snapir, N 074751
Snaydon, R W 077764
Snaydon, R W 077765
Snell, J G 073524
Snijders, P J M 074879
Snitsar', A I 075163
Snow, D H 076113
Snow, D H 076114
Snoy, M 078338
Snyder, A W 080306
Snyder, A W 080310
Snyder, D P 072983
Snyder, R L 074745
Snyder, S P 075791
Snyder, W C 078934
Snyman, H G 074170
Snyman, H G 081133
Soares Veiga, J 075339
Soares, B A M 080630
Soares, J H 076138
Sob Oleva, T I 077231
Sobchuk, V V 077178
Sobieszewsi, K 075585
Soboleva, R G 080379
Sobotkova, M 074616
Sobstad, T 077473
Sochtig, H 077964
Soderback, O 076791
Soeffky, A 076906
Soerohaldoko, S 081162
Soffientini, A N 077871
Sohrab, M 076062
Sojak, J 076642
Sojak, J 076643
Sojak, J 076669
Sojka, K 073475
Sojka, K 075737
Sojkowska, T 077416
Sojkowski, Z 077416
Sokhor, L E 073702
Sokhor, L E 080148
Sokolkov, V 078566
Sokolov, A A 072773
Sokolov, O A 077295
Sokolov, S I 081248
Sokolova, A I 077385
Sokolova, T A 081168
Sokolova, Z N 078172
Sokolovskaia, I I 075407
Sokolowska, W 076762
Solbraa, K 076384
Solc, V 073185
Soldati, G 076040
Sole, B 081544
Solheim, B 079154
Solignac, M 080189
Solignac, M 080489
Solik, J 076323
Soliman, M H 080248
Soliman, M K 073762
Soliman, M K 074636
Soliman, M R I 074639
Soliman, M R I 080082
Solis, J 075805
Solis, J 075808
Soller, K 074003
Solodova, N P 078171
Solomatin, A O 074687
Solomon, M G 080568
Solomonova, O N 075426
Solomonson, L P 077364
Solov'ev, A N 074133
Solov'eva, T G 081006
Soltanpour, P N 081329
Soltanpour, P N 081330
Soltanpour, P N 081331
Soltess, D 074085
Solymos, R 076248
Somani, L L 081277
Somavanshi, R B 081657
Sommer, A 075033
Sommer, E 074711
Sommer, E 075798
Sommer, E 075799
Sommer, E 075803
Sommer, H 075488
Sommer, J 073465
Sommers, C E 079471
Somos, A 072666
Sondern, J A 078789
Sondheimer, E 077885
Sondheimer, E 078230
Soniassy, N 079138
Sonin, M D 080170
Sonntag, S 073685
Sood, N K 079734
Sood, S C 073708
Soorijamoorthi, T 075793
Soos, G 073460
Sopher, C D 077642
Sopory, S K 077620
Soran, V 077618
Sorbi, U 072769
Sorensen, L Y 073175
Sorensen, L Y 074382
Sorensen, L Y 074880
Sorensen, T A 075489
Sorenson, J W 074240
Sorge, R 080857
Soroa y Pineda, J M de 078617
Sorokin, N A 074372
Sorokovoi, P F 074831
Sorokovoi, P F 075237
Sorokovoi, P F 075409
Sorsa, V 080278
Soskin, A A 075436
Sosnikhina, S P 077199
Sosnina, E F 080019
Sosnovaia, O N 081516
Sosnovskaia, A V 075159
Sostarc, K 078578
Sotnik, V M 077249
Sotnikov, V 072743
Soule, C 075580
Souplet, M 073456
Sournia, A 077476
South , W D 081851
Southards, C J 079392
Southern, D I 080264
Southwick, J W 080142
Southwick, J W 081866
Souty, M 074304
Souza, E F de 073622
Souza, E F de 073623
Souza, E F de 073624
Souza, R A 073188
Sova, Z 074764
Sova, Z 074766
Sova, Z 074767
Sova, Z 074768
Sova, Z 074769
Sova, Z 074770
Sova, Z 074771
Sova, Z 074772
Sova, Z 074774
Sova, Z 075071
Sova, Z 075073
Sova, Z 075074
Sovers, E E 074947
Soyza, K de 079297
Spaar, D 079165
Spadafora, R R 079840
Spadoni, M A 073748
Spadoni, R D 079977
Spaendonck, R van 075157
Spaeth-Wainwright, R S 073211
Spaldonova, R 075951
Spanyar, P 073832
Sparenberg, H 074257
Sparks, H L 081773
Sparks, L M 078288
Sparks, L M 079261
Sparks, R E 081732
Sparling, J 074534
Sparling, J H 077384
Spasov, TS 081590
Spear, M L 075726
Spear, F D 074790
Spears, B R 079560
Specht, A 080897
Specht, G 081337
Speck, S J 073930
Speer, C A 075696
Speicher, J A 072856
Spek, J C 080764
Spek, J C 080765
Spek, J C 080769
Spence, K 078663
Spencer, J S 076333
Spencer, J V 074072
Spencer, J V 074076
Spencer, J V 074077
Spencer, J V 074078
Spencer, K A 080537
Spencer, W F 080104
Sperling, H 075683
Spicher, J 078312
Spiegel-Roy, P 078734
Spielmann, H 073188
Spies, H S C 080323
Spiess, A 076068
Spiewla, E 076898
Spilman, T J 080485
Spindler, A 074587
Spink, G C 074724
Spiridonov, B S 075404
Spiridonov, IU IA 079412
Spiridonov, IU IA 081004
Spiridonova, G S 079412
Spiridonova, G S 081004
Spitze, G F 073051
Spitzer, J C 075217
Splawa-Neyman, S 076417
Splawa-Neyman, S 076566
Splawa-Neyman, S 079102
Splittgerber, H 074995
Spoelstra, P A 080764
Spoelstra, P A 080766
Spohde, H 075374
Spomer, R G 081547
Spooner, G M 080535
Sporn, J 078115
Sposito, Garrison 081228
Spradbrow, P B 075649
Sprague, G F 073390
Springer, E L 076537
Springer, E L 076539
Springer, E L 079141
Springer, J 079266
Sprockhoff, H 081602
Spruill, E L 081853
Spruit, C J P 077272
Spurgeon, K R 073939
Spurlock, A H 073205
Srb, A M 077144
Sridhara, S 080663
Srikantia, S G 073805
Srivastava, A S 079860
Srivastava, B K 080252
Srivastava, D N 078890
Srivastava, J P 077104
Srivastava, P N 075281
Srivastava, S K 080121
Srivastava, U S L 081383
Srot, R 076280
St Clair, A D 080131
St Clair, A D 080132
Staal, G B 079643
Staal, G B 080299
Staby, F 076591
Stachurka, E 073468
Stachwick, G 073279
Stackhouse, C B 079447
Staddon, B W 080247 079732
Staddon, B W 080406 Steinhausen, W R 079675
Staddon, B W 080413 Steinhauser, H 072934
Stadelbacher, G J 079334 Steinhubel, G 076220
Stadelbacher, G J 079335 Steinhubel, G 078242
Stadelbacher, G J 079336 Steinmann, H 080401
Stadelman, W J 074068 Steinmann, H 080614
Stadelman, W J 074069 Steinmetz, A 078130
Stadelmann, W 073619 Stejskal, J 081200
Stadelmann, W 080073 Sten'kin, D N 075148
Staden, J van 077480 Stenczek, D 073908
Stadhouders, J 073655 Stene, J 080878
Stadhouders, J 073966 Stengler, K H 074329
Staehelin, L A 076975 Stengler, K H 080719
Stage, L 074519 Stenzel, R 074443
Stahl, S 077484 Stepanenko, V I 079145
Stahle, U 080275 Stepanets, I T 078565
Staiff, D C 080052 Stepanian, T G 078008
Staikov, V 078883 Stepanov, A I 077411
Stainer, F 077715 Stepanov, V I 074835
Stainier, F 077984 Stepanov, V N 074307
Stairs, G R 076219 Stephan, H 074117
Stairs, G R 078240 Stephan, H 074499
Stairs, G R 080676 Stephan, V 076032
Stakan, G A 075436 Stephens, J F 073661
Stalheim, O H V 075680 Stephens, L A 073957
Stambera, J 078012 Stephens, S G 078503
Stambera, J 078013 Stephenson, G R 079599
Stamp, J T 074477 Stephenson, M G 077926
Stancana, M 076435 Stephenson, S N 076854
Stanchev, L 081194 Sterba, H 081326
Stanczyk, J F 075293 Sterling, C 074303
Stanek, M 079952 Stermer, R A 074134
Stanescu, Z 078786 Stermitz, F R 077508
Stanford, G 077657 Sternberg, S 080344
Stanford, G 081311 Sternlicht, E 076939
Stanford, G 081392 Sterzik, H K 076459
Stanga, N 081238 Stetsko, V G 072977
Stange, K 073936 Stevens, J B 075615
Stanier, R Y 077331 Stevens, R E 079888
Stanislas, E 077528 Stevens, R F 079334
Stanislavicuite, I 081030 Stevens, T H 081699
Stanislawski, K 074192 Stevenson, D W 076896
Staniszkis, O 075285 Steward, F C 077538
Stanley, D W 073718 Steward, F C 078140
Stanley, R W 074940 Stewart, B A 081748
Stanley, W L 073942 Stewart, C M 078221
Stansel, J W 079572 Stewart, W D P 077334
Stanzani, F 075776 Steyermark, J A 076749
Stapel, C 078952 Steyn, J A 075003
Stapel, Z 081698 Steyn, P L 079131
Staphorst, J L 077813 Steyskal, G C 080628
Staphorst, J L 077816 Stice, N W 076351
Staphorst, J L 079130 Stichauer, J 073880
Starikov, Kh N 081712 Stika, O 074038
Stark, S L 075662 Stillings, B R 076138
Starkov, A 072971 Stimamiglio, L 074336
Starovoitenko, N I 073129 Stimmann, M W 079668
Starovoitenko, N I 075146 Stipanovic, R D 079103
Starr, M P 075635 Stirling, G R 079226
Starr, M P 079124 Stock, H G 078296
Startup, F G 076154 Stock, H G 078297
Stasko, J 074523 Stock, H G 081613
Stastny, M 081498 Stockdale, T M 081836
Staszewicz, K 078782 Stockem, W 076883
Staten, R T 079701 Stockem, W 077284
Statham, O J H 080773 Stockem, W 080301
Staud, V 076377 Stockey, F 078721
Stavely, J R 079052
Stavrakis, G N 079764
Stavrakis, G N 080179
Stead, A C 076150
Stebbins, R L 078774
Stebbins, R L 079528
Stebnicka, Z 080465
Stedman, S 079619
Steeby, A 073484
Steele, A E 079317
Steele, J A 077322
Steen, E 078411
Steen, E 081426
Steenberg, G 076533
Steenkamp, C J 077812
Steenkamp, E L 075092
Stefan, K 076228
Stefan, K 081513
Stefanon, G 075778
Steffens, G L 077926
Steffey, E P 075549
Stefl, M 077566
Steg, A 074324
Steikhardt, H 072646
Steikhardt, H 078300
Steikhardt, H 078310
Steikhardt, H 078321
Stein, F 079989
Steinberg, N 077485
Steinbrecher, K 073571
Steinert, P 081537
Steinhauer, A L

Stockigt, J 077408
Stockman, L 076535
Stockwell, H J 081873
Stoddart, J L 077883
Stoev, K 078516
Stofanov, P 074407
Stoffers, J A 080765
Stoffers, J A 080766
Stohr, D 078696
Stoian, M 076056
Stoianov, T 075655
Stoica, G 075385
Stoimenov, K 075918
Stojanov, W 075723
Stojanovic, B J 080102
Stojkovska, A 078070
Stojkovska, A 078739
Stokkink, E 080217
Stolarski, P 076560
Stolarski, P 079100
Stoletov, V N 077831
Stoll, K 078638
Stolle, G 073616
Stoller, E W 077769
Stoller, E W 079483
Stolliar, T A 074492
Stolzman, M 075313
Stolzy, L H 077643
Stom, D I 078092
Stone, B A 077897
Stone, B C 076601
Stone, B C 076674
Stone, B C 076679
Stone, B F 079950
Stone, L R 077668
Stone, L R 081012
Stone, L R 081013
Stopel, R 080856
Storch, K 076467
Storch, K H 074460
Storer, K R 077714
Storer, R 077604
Storey, W B 078651
Storms, J J H 080455
Storozhuk, V T 074231
Stors, A 076278
Stortzer, M 080876
Stosser, R 075371
Stott, K G 078225
Stouder, W C 075899
Stowater, J L 075996
Stracke, W 081537
Strafelda, J 081472
Strafuss, A C 076001
Strang, R M 078278
Stranger, R S 075652
Stratman, F W 080091
Straub, R W 079799
Strauss, H D 075012
Strauss, W 073886
Strazdiene, V 080166
Strazdiene, V 081028
Street, O E 081705
Streeter, E M 074072
Streit, W 081785
Strel'bitskii, V F 080964
Strenger, A 080458
Strijdom, B W 077813
Strijdom, B W 077814
Strijdom, B W 077815
Strijdom, B W 077816
Strijdom, B W 077817
Strijdom, B W 077818
Strijdom, B W 079130
Strnad, P 078550
Strnad, P 081284
Strobel, G A 076766
Strobel, J W 078656
Stroehlein, J L 077778
Strohl, A 075849
Stroman, P 080276
Stroube, E W 079471
Strouhal, E 080826
Stroup, W H 073949
Strube, C 074245
Struck, P 074273
Struelens, H 081695
Stryjewski, L 072693
Strzybny, X 073189
Strzybny, X 074107
Stuart, E 080695
Stubbendieck, J 077779
Studer, H E 078643
Stuedemann, J A 076022
Stuhler, E 072844
Stulb, U 075866
Stults, H M 081756
Stumpe, H 081339
Stumpf, P K 077355
Stumpf, P K 078005
Stupiello, J P 074090
Stupina, A S 075420
Stupnev, G 076306
Sturgeon, R V 079362
Sturion, A C 074090
Sturos, J A 076551
Stutzenberger, F J 078995
Stutzer, D 080905
Styer, E L 076932
Styles, E D 077042
Stylianopoulou, F L 077330
Suarez, C 081016
Subbarayudu, S 079164
Subbiah, B V 081372
Subbotovich, A S 078802
Subbotovich, A S 078818
Suber, E F 079711
Subero, L J 078895
Subramanham, H 074248
Subramanham, H 078596
Subramaniam, T R 079821
Subramaniam, T R 079831
Subramanian, C L 078961
Subramanian, K S 079185
Subramanian, K S 079728
Subramanian, S R 072895
Subramanian, S S 077521
Subramanian, T M 079018
Subramanyam, H 078889
Subramanyam, S 075679
Such, S 076173
Suchanek, B 074419
Suchkova, O I 073102
Sud, R K 073945
Sud, R K 080100
Suda, S 081857
Suda, T 073786
Sugahara, S 076295
Sugawara, K 077789
Sugawara, S 077929
Suggs, C W 078540
Sugihashi, T 074982
Sugimura, Y 079158
Sugita, K 076911
Suikova, L A 077203
Sukackiene, I 080165
Sukackiene, I 081027
Sukhija, P S 077420
Sukhorukov, V N 075416
Sulakova, E P 078518
Sulebele, G A 074287
Sulikeri, G S 078881
Sulinowski, S 077077
Sulkowska, J 074238
Sullivan, B 081703
Sullivan, J D 077361
Sullivan, J F 074609
Sullivan, J J 075184
Sullivan, S O 074183
Sullivan, W N 079951
Sulman, F G 075637
Sulzbacher, W L 074026
Sumenkova, T N 077988
Summerlin, J W 079635
Summers, J D 074757
Sumner-Smith, G 076003
Sumner, M E 081668
Sun Tzou, D 078230
Sun, C Y 078097
Sundahl, A M 080751
Sundararaj, J S 074249
Sundararaj, J S 078593
Sundararaj, J S 079115
Sunde, M L 074738
Sunde, M L 074754
Sunderman, H D 081523
Sunderman, H D 081752
Sundick, R S 074583
Sundqvist, C 077835
Sunley, J G 076545
Supak, J R 079560
Surendranath, T 075724
Suresh, Y P 075025
Surette, D 080099
Surmach, G P 076232
Surmach, G P 081587
Surminski, W 074246
Suruzhiu, V T 078802
Suruzhiu, V T 078814
Sushchinskaia, E N 078847
Suska, M 076271
Suski, Z W 079865
Suski, Z W 079866
Suslova, N G 077196
Suslova, N G 077230
Suslow, I 072758
Suss, H 076962
Sutariya, M H 078365
Suter, H 080077
Sutherland, J 078903
Sutherland, R M 073200
Sutra, G 076772
Sutter, G R 080332
Sutton, D D 076950
Sutton, K 081595
Suzdal'tsev, A 072825
Suzuki, H 078174
Suzuki, H 081494
Suzuki, I 073822
Suzuki, K 076851
Suzuki, K 081123
Suzuki, M 078326
Suzuki, S 074105
Suzuki, S 074984
Suzuki, S 074991
Suzuki, S 077519
Suzuki, T 074739
Suzuki, T 077323
Suzuki, T 078017
Svalberg, S 081784
Svanberb, O 081507
Svanberb, O 081862
Svancara, F 076442
Svanvik, J 074519
Svcatarakova, L 080202
Svec, Z 074762
Svecova, M 076439
Svedberg, S 073647
Sveistyte, A 074532
Svejcar, V 074292
Svenda, A 076377
Svennersjo, S O 074417
Svensson, A 077944
Svensson, A 080140
Svensson, C 078409
Svensson, C 081425
Svensson, S A 074939
Sverdlina, Kh I 077587
Sverepova, G 077266
Svihra, P 079900
Svrcek, W Y 074025
Swaminathan, M C 073756
Swaminathan, M S 072663
Swaminathan, M S 077070
Swaminathan, R 077135
Swamy, G S 078588
Swamy, G S 078590
Swaney, J B 075957
Swanimathan, M C 073714
Swanson, E R 073452
Swanson, V B 075220
Swart, L G 075001
Swart, L G 075002
Swartzendruber, D 081110
Swarup, A 081102
Swatonek, F 079922
Swearingin, M L 078358
Swiatek, L 077276
Swieczkowski, K 074329
Swieczkowski, K 080719
Swietlikowska, U 081457
Swiezyniski, K 078780
Swift, C E 073988
Swift, M J 081217
Swingle, H D 078830
Swiniarski, E 078041
Swiniarski, E 081369
Switek, H 073918
Switzer, C M 079599
Switzer, W P 075726
Sybenga, J 077048
Sylwester, E P 079471
Symensma, R 075621
Symoens, J 075523
Symonds, H W 074787
Synder, D P 072980
Synder, D P 072981
Synder, D P 072982
Syrbu, I G 078817
Syromiatnikov, A 073013
Syrovy, J 078558
Syt'ko, V N 074819
Szabo, A 076449
Szabo, F 073833
Szabo, I 074877
Szabo, J 077121
Szabuniewicz, M 075450
Szaflarski, J 075973
Szalkowski, C R 074321
Szarkowski, J W 077627
Szczuchniak, L 078453
Szederkenyi, H 072879
Szekely, H 076147
Szelegiewicz, H 080553
Szelenyi, G 080402
Szeniawska, D 075236
Szentesi, A 079760
Szentesi, A 080159
Szeptycki, A 080476
Szeskin, 073471
Szesny, B 073007
Szesny, B 080823
Szewczyk, M 074712
Szigat, G 077052
Szilagyi, J 074102
Szitkovics, S 074181
Szuba, M 080680
Szuba, M 080682
Szucki, B 076170
Szucki, B 076171
Szucki, B 076559
Szucki, B 076561
Szukalski, H 081455
Szulmayer, W 073844
Szumowski, P 074780
Szuperski, T 075500
Szuperski, T 076041
Szuperski, T 076042
Szymanowski, M 081490
Szymanska, L 077741
Szymanska, L 077742
Szymanska, Z 081458
Szymczakowski, W 080469
Szymczakowski, W 080474
Szymczakowski, W 080475
Tabatabai, M A 081222
Taber, D W 076243
Taber, S 080661
Tabesh, M 073683
Tabisz, J 074192
Tabiszewska, I 074310
Tabuchi, E 075688
Tabuenca, M C 078178
Tabuenca, M C 078179
Tabuenca, M C 078180
Tabuenca, M C 078182
Tada, M 074986
Tadic, M 079757
Taerum, R 078101
Tagil'tseva, V M 077466
Taha, F A 081328
Taimla, E A 079212
Taimr, L 079628
Tairov, Sh G 081018
Takagi, S 074606
Takagi, S 074607
Takagi, Y 079158
Takahashi, B 078673
Takahashi, H 076471
Takahashi, H 077129
Takahashi, M 074341
Takahashi, M 079112
Takahashi, Y 077035
Takahashi, Y 078933
Takanashi, K 079155
Takashima, M 073044
Takebe, I 079200
Takeda, A 075688
Takeda, T 077796
Takegami, S 081679
Takenaga, H 077785
Takenaga, T 080806
Takeuchi, I 076911
Takhmazov, V P 073107
Takhtadzhian, A L 076575
Takyi, S K 077732
Tal, I 077697
Tal, M 078000
Talagala, L V 081653
Talanov, G A 073695
Talanov, G A 080145
Talbert, R E 079442
Talbot, M 080561
Talentoni, G 079332
Talentoni, G 080112
Taliaferro, C M 078487
Talman, E 079989
Talos, V 075763
Talpasayi, E R S 077481
Taly, M B 081351
Talyshinskii, G M 077298
Tamaki, G 079803
Tamas, M 076784
Tamasauskas, M 075603
Tamasauskas, M 075989
Tamashauskas, M K 075608
Tamayo P, A 078796
Tamberg, T G 076703
Tammes, P M L 076881
Tammes, P M L 076882
Tan, K H 080431
Tanahashi, M 077617
Tanaka, H 077784
Tanaka, J S 079469
Tanaka, K 074981
Tanaka, K 074983
Tanaka, R 076943
Tanaka, S 073080
Tanaka, Y 075639
Tanase, V 079737
Tang-Phat-Thanh, 081256
Tangamian, T V 078186
Tanghe, M 076845
Taniguchi, E 077449
Taniguchi, E 077450
Taniguchi, E 079002
Taniguchi, E 079003
Tanke, C G 073291
Tanner, H 074351
Tanner, P D 079195
Tanner, P D 081489
Tanner, W 077531
Tano, F 078736
Tapia, C O 079356
Tappel, A 074662
Tarabrin, P A 075857
Taran, I F 075986
Taranov, M T 074838
Tarasov, N A 075411
Tarczynski, S 073563
Tarczynski, S 075586
Tarczynski, S 075587
Tardieu, M 078263
Tareev, A G 074487
Tarjan, A C 079319
Tarjan, A C 079352
Tarlakov, IO P 081173
Tarman, K 080499
Tarnow, W 079127
Tarocinski, E 076560
Tarocinski, E 076566
Tarocinski, E 079100
Tarosova, E O 078008
Tarrier, M 080544
Tarrier, M 080545
Tarrier, M 080547
Tarter, D C 080173
Tartier, L 079053
Tarushkin, V I 074229
Tarushkin, V I 078192
Tarvis, L V 077828
Tasaki, I 074988
Tasaki, I 074989
Taschenberg, E F 079848
Tashiro, H 079799
Tashiro, H 079835
Tashiro, H 079847
Tashiro, H 079909
Tashkuziev, M M 081179
Tatarova, V 079064
Tate, R L 076347
Tateyama, S 075759
Tateyama, S 075760
Tateyams, S 075761
Tatusexcu, M 076435
Tauchmann, F 073609
Tawfik, L G 078888
Tay, T H 073560
Taylor, A G 074978
Taylor, C E 073795
Taylor, C R 081800
Taylor, D 073279
Taylor, D A 073304
Taylor, D A 073638
Taylor, D A 077511
Taylor, D K 078332
Taylor, D R 077390
Taylor, G 079362
Taylor, G S 078902
Taylor, M E 076064
Taylor, M M 073985
Taylor, O C 077836
Taylor, S M 075720
Taylor, T H 080800
Taylor, T J 074897
Taylor, W C 076432
Tchen, T T 074556
Teatia, S S 078587
Tecza, S 075285
Tee, L A 076206
Teetes, G L 079747
Tegge, E 073415
Tegge, E 075470
Tegge, G 073415
Tegge, G 075470
Tegnell, I 081431
Teich, A 076403
Teichman, R J 075271
Teixeira Primo, A 078415
Tektoff, J 075740
Telegdy-Kovats, L 078025
Tellez-Inon, M T 077573
Tello, 075693
Tello, 079992
Temple, P J 079401
Temple, P J 081870
Templeton, W C 080800
Tencer, Y 077696
Tenenhouse, H 077380
Tengerdy, R P 075066
Tenorio, J M 080571

Teodorescu, I 081620
Teplov, V A 077288
Ter-Minasian, M E 080656
Ter-Minassian, M E 080487
Terakado, N 075636
Teranishi, R 073898
Teraoka, Y 079252
Terblanche, M 074696
Terent'ev, S M 074495
Terent'eva, A S 075409
Tereshenkov, A S 075575
Tereshenkova, I A 081261
Terhaar, C J 073637
Teriukov, A G 074475
Ternovoi, V I 080020
Ternovoi, V I 080382
Ternovskii, M F 077088
Terpilowska, W 074195
Terrill, T R 077239
Terrine, C 077496
Terrine, C 078224
Terroine, T 074862
Terroine, T 076004
Terry, D L 077930
Terry, P H 079646
Tesar, V 076225
Teschner, D 079944
Tesh, R B 080006
Tesi, R 078690
Tesic, M 078069
Tesic, M 078741
Tesic, M 078745
Tesic, M 081398
Testova, A N 075413
Testova, A N 075414
Tette, J P 079807
Tetteh, A 078342
Teuchmann, J K 075502
Teunissen, G H B 074798
Teuteberg, W 081318
Teverson, H W S 075211
Tevis, L 073002
Thacher, J 075900
Thakre, D S K 077830
Thakur, M R 078095
Thakur, S B 076649
Tham, S H 078221
Thamburaj, S 078758
Thames, W H 079403
Thatcher, W W 075257
Thate, J B 076499
Thaxton, P 074749
Thaxton, P 076133
Thaxton, P 076134
Thaxton, P 076141
The, T T 077258
The, T T 079111
Theis, J H 075661
Thelemann, W 074864
Theobald, W L 076923
Theret, M 074780
Theurer, B 074338
Thevenot, C 078106
Thevenot, C 078107
Thiede, G 073391
Thiele, F 073273
Thiele, M 077061
Thieleking, O 080984
Thiemann, F 073195
Thieret, J W 076986
Thilo, H J 079193
Thimmaiah, G 079820
Thimmayamma, B V S 073756
Thimonier, J 075278
Thiyagarajan, A 079448
Thomas, A D 076594
Thomas, C A 078289
Thomas, D L 077761
Thomas, E 080255
Thomas, H 077047
Thomas, J A 073304
Thomas, J A 073638
Thomas, J A 074558
Thomas, J R 077663
Thomas, L 076289
Thomas, L A 080001
Thomas, O O 075079
Thomas, P D 073861
Thomas, P K 078047
Thomas, R 074868
Thomasson, M 076990
Thomazini Ettori, O J 073079
Thompson, B J 075192
Thompson, D E 076864
Thompson, E H 074952
Thompson, H E 073949
Thompson, J L 080727
Thompson, J R 077841
Thompson, J S 077312
Thompson, K F 074385
Thompson, L 077801
Thompson, L 079497
Thompson, L S 079274
Thompson, L S 079276
Thompson, N P 075714
Thompson, P A 078105
Thompson, R D 076498
Thompson, S N 080225
Thompson, T E 078359
Thompson, V 080172
Thomsic, M F 081084
Thomsic, M F 081641
Thomson, A M 073796
Thomson, E 080540
Thorne, H W 076333
Thorne, M J 080413
Thorne, R F 076653
Thornton, E J 074728
Thornton, G A 075833
Thornton, S I 081128
Thorsen, T H 076204
Thorud, D B 081692
Thorwarth, T 080791
Thowi, E 074347
Thrasher, J J 073578
Threlkeld, S F H 077410
Thron, W 074005
Thulke, H G 075109
Thunegard, E 075739
Thunegard, E 080011
Thurman, D A 078114
Thurmon, J C 075551
Tiago Cqmpos Garcia, J 075289
Tianu, A 077893
Tibell, L 076787
Tiberghien, G 080440
Tibor, G 080698
Ticha, B 074176
Tielesch, M 074522
Tiemann, D 080329
Tiemeier, O W 073845
Tietjen, H P 079262
Tietz, A 080200
Tiffany, L H 078733
Tigchelaar, E C 078730
Tikader, B K 080565
Tikhenko, N I 075986
Tikhomirov, R 072740
Tikhomirov, V N 076575
Tikhomirova, M M 080444
Tikhonova, V L 078433
Tikhonravova, N M 080232
Tikhvinskii, I N 078811
Tilev, K 075391
Tillschneider, H 075763
Tilsch, K 075115
Tilsch, K 075370
Tilsch, K 075374
Timakin, N P 073701
Timbare, R IA 077638
Timberlake, C F 078225
Timm, E 074114
Timmer, M J G 078635
Timmons, D R 081520
Timofeev, B A 075946
Tindale, M D 076731
Tindale, M D 076732
Ting, I P 077542
Ting, I P 077615
Tingari, M D 074630
Tinkham, E R 080558
Tippannavar, M B 081635
Tipton, C L 077038
Tircomnicu, D 080985
Tischer, H 080720
Tischer, K 080846
Tischer, R G 077339
Tishchenko, A V 074373
Tishina, T M 075411
Tissaoui, T 077292
Tissaoui, T 078143
Tistea, D 072659
Tite, D J 079237
Tite, D J 079238
Tiul'diudov, V A 076875
Tiul'diukov, V A 081511
Tiulin, V V 081009
Tiupich, M M 074840
Tiurina, E V 077580
Tiwari, K N 081098
Tixier, P 076677
Tjuchneider, O C 081697
Tkachenko, E I 075146
Tkachenko, N M 076984
Tkachev, E Z 075152
Tkachuk, G 072835
Tlaskal, J 077236
Tobias, W 080640
Todd, A C 075900
Todhunter, E N 073799
Toeskin, F G 081246
Toldan, I 075758
Tolkmitt, G 074844
Tolley, G S 072716
Tollinger, V 076226
Tollinger, V 078244
Tolmsoff, W J 079104
Tolybekow, A S 075764
Toma, B 075824
Tomar, M S 076265
Tomar, V S 077672
Tomas, F M 074866
Tomashevskaia, E G 077635
Tomcuk, R 074357
Tomcuk, R 076515
Tomer, P S 079474
Tomer, P S 081374
Tomes, M L 078730
Tomino, I 073786
Tomita, Y 078074
Tomme, M F 075145
Tomme, M F 075147
Tomme, M F 075148
Tomova, N 077342
Ton-That-Trinh, 073494
Tonder, B 072751
Toneva, V 075674
Tongchuta, T 081240
Toniolo, C 074623
Tonnesen, A 080901
Toohey, C L 079153
Toohey, C L 079687
Tooming, H 077395
Topoff, H 080396
Torbert, B J 075618
Torgason, W E 081597
Torhaug, K 076121
Tornow, W 072731
Tornow, W 073407
Torok, S 080700
Torossian, C 079670
Torrent Mollevi, M 075571
Torres-Medina, A 075815
Torres, G 076386
Torres, H N 077573
Torrey, J G 077989
Tortuero, F 074720
Torvela, M 072894
Tos-Luty, S 076171
Tos-Luty, S 076561
Tosfov, K 075392
Tosnarova, V 078147
Toth, E 072928
Toth, J 072879
Toucas, 076122
Toursarkissian, M 076686
Toutain, P L 074577
Touze, A 078909
Tovornik, D 080207
Tovornik, D 080208
Tovstopiat, V 072841
Towers, G H N 077503
Towers, G H N 077523
Towers, G H N 078021
Towill, L R 077536
Town, P A 078872
Townley, F W 078778
Townshend, J L 081154
Toya, H 076339
Toyoshima, M 076678
Tozzini, F 075883
Tralanov, R 080889
Tranda, E 080160
Tranina, N F 081288
Tranmael, T 078405
Tranquillini, W 078208
Trapp, A L 075904
Trappe, J M 078942
Trass, Kh Kh 076764
Traulsen, H 080915
Trautvetter, E 076066
Travaglini, N 081835
Traverse, A 076802
Traylor, H D 073266
Trcka, I 077566
Tredoux, J 072677
Tredoux, J 072678
Trefny, D 074764
Trefny, D 075073
Trefny, D 075074
Treggi, G 076175
Treharne, K J 077883
Treikiashki, P 081193
Tremblay, F L J 079629
Trenkle, A 074537
Treptow, H 074262
Tretowski, J 078781
Tretowski, J 081468
Tretyakov, N P 074740
Treuting, F 074629
Trevino, J L 079999
Trezler, P C 075569
Triantaphyllidis, C D 080199
Triantaphyllou, A C 079318
Triboi, E 077893
Triebler, G 075378
Trifonova, L R 075406
Trimnell, D 073810
Trinci, A P J 077340
Trione, S O 078079
Trione, S O 078080
Tripathi, H P 079474
Tripathi, H P 081374
Tripathi, R S 077981
Triplehorn, C A 080485
Triplett, G B 079531
Tripodo, M M 074505
Tripp, L 079525
Tritschler, L E 075894
Trjapickin, S F 080721
Trnka, M 078546
Trock, W L 073135
Trog, 074885
Trog, K 074882
Trog, P 078319
Troitskaia, G N 077727
Troitskii, N B 081265
Trojan, V 074773
Trojan, V 075332
Trolle, L 080551
Tron, N M 079302
Trondina, G A 076166
Troshin, I P 075095
Trostle, G C 079914
Trotin, F 073899
Trotter, W K 073328
Trotter, W K 075036
Trouin, M 077010
Troxler, J 078432
Trpevski, V 078739
Trubitsyn, B I 075924
Trubitsyna, G IA 081413
Truc, M C 077526
Trujillo, G E 079146
Trukhan, L G 081408
Truksa, J 078571
Trushin, I N 075925
Truskinov, E V 079210
Truszczynski, M 075797
Tryhnew, L J 074076
Tryhnew, L J 074077
Trzebinski, J 076685
Trzebinski, J 077743
Trzecki, S 081273
Tsai, K H 078531
TSalkin, V I 074688
TSalkin, V I 074689
Tsanava, V P 077296
Tsanov, T S S 075890
Tsao, C H M T 075864
Tschesche, R 077923
Tscheuschner, H D 073885
Tscheuschner, H D 073887
Tschiderer, K 073447
Tschiderer, K 075242
Tschumakow, N 074002
Tsekova, E 075392
Tsener, A G 075095
Tseng, H C 073677
Tseng, M T 081750
TSenov, A S 077949
Tsenov, A S 077950
Tsiapalis, C M 074555
TSonev, TS A 078484
Tsubokura, M 075734
Tsunts, V Z 075165
Tsunts, Z I 075165
Tsurikov, L N 081403
Tsutsui, H 081670
Tsutsumi, Y 075735
Tsuyama, T 077108
Tsuzaki, K 077035
Tsuzaki, K 078933
Tsvetkov, S 077257
TSvetkov, S M 077949
Tsynkov, M IU 073546
Tsynkov, M IU 074488
Tu Wang, P 074669
Tu, C C 079084
Tucker, B 081481
Tucker, B 081482
Tucker, B 081483
Tucker, B 081486
Tucker, B 081487
Tucker, B B 081484
Tucker, B B 081485
Tucker, B B 081771
Tucker, E B 077707
Tucker, E B 077708
Tucker, R E 074533
Tucker, W P 076538
Tudor, A 075385
Tudor, D C 075670
Tudora, M 075385
Tueller, P T 076744
Tuma, H J 074024
Tumalewicz, W 077886
Tumidajowicz, D 076812
Tumurbator, N 072869
Tung, H T 076047
Tung, H T 076136
Tung, H T 076137
Tuomainen, L 073649
Tuomarla, H 081832
Tuppurainen, M 073656
Tupy, J 077487
Tupy, J 077489
Turaev, M 077958
Turbin, N V 077247
Turdu, Y Le 075825
Turebaev, Zh M 081286
Turek, F 074402
Turek, F 074935
Turek, F 078498
Turelle, J W 081576
Turgeon, A J 079299
Turinetti, J D 072763
Turku, R 076299
Turley, D L 079703
Turner, A J 075650
Turner, B C 077770
Turner, B C 079651
Turner, C A 074902
Turner, G T 079262
Turner, J L 078623
Turner, M E 072724
Turner, N C 081109
Turner, N C 081814
Turner, R E 079954
Turner, T D 077547
Turnes, C G 075921
Tursin, IU S 076768
Tuz, A S 076993
Tuz, A S 078827
Tvaroch, B 075948
Tvedten, H W 075898
Tvrdik, J 074038
Twamley, B E 077068
Tweedy, B G 078991
Tweeten, L 073552
Tweeton, J R 075038
Twiehaus, M J 075815
Twomey, J 078658
Twomey, S 081662
Tyagi, K S 080763
Tyagi, N K 081622
Tyagi, R C 078611
Tyagi, V V S 077391
TZvetanov, I 075094
Uanini, A 073515
Ubilava, IU 073011
Uchida, K 073606
Uchino, A 076944
Udalova, V B 079388
Udvardy, J 077868
Ueckert, D N 079487
Ueckert, D N 079652
Ueckert, H 075359
Uetz, G W 080009
Ugorski, L 074703
Uhlar, J 075311
Uhlemann, J 075762
Uhliar, J 078573
Uhlik, J 078152
Ul'iankin, I P 072973
Ulanov, B P 072713
Ulliman, J 081822
Ullrich, W R 077332
Ullum, J A 073956
Ulmann, L 078422
Ulmann, L 078545
Ulonska, E 074094
Ulrich, B 076466
Ulrich, G 078668
Umanskaia, A S 074442
Umarov, A A 079496
Umberger, D 072777
Umeda, I 074986
Umeya, K 080358
Unaniants, T P 081301
Unciti Urniza, J M 073157
Unciti, J M 073167
Underwood, M C 074535
Underwood, M C 074536
Underwood, M C 074966
Ungurianu, S I 078809
Unrau, A M 077501
Upadhye, A S 075768
Upadyhay, S K 078587
Upchurch, R P 077417
Upchurch, R P 079472
Upitis, E 079933
Upmeyer, D J 077857
Uppal, H L 081631

Uppal, H L 081639
Upthegrove, D D 074796
Urban, W E 074963
Urbanek, P 074177
Urbanik, E 076566
Urbanska-worytkiewicl, B K 077265
Uritani, I 079367
Uriu, K 078042
Urs, K C D 079931
Urs, K C D 079932
Urs, K C D 080354
Urs, K C D 080355
Urs, Y S V 078435
Ursino, D J 078231
Usacheva, N T 074233
Ushchekov, A T 079877
Uslu, I 077264
Usman, S 077139
Usman, S 079735
Usmanov, K 072738
Usmanov, P D 077218
Uspanov, U U 081252
Uspanov, U U 081258
Ustinov, D A 075416
Ustinov, V I 078584
Ustinova, M P 075417
Usubillaga, A 077557
Usunov, B 081658
Utagawa, Y 081116
Uthamasamy, S 079831
Utley, P R 074931
Uvacek, E 073202
Uvarov, O 075540
Uzun, V F 081174
Vaananen, E 080752
Vaccari, P 079011
Vacchi, C 077622
Vachun, Z 078014
Vadalkar, K 077423
Vadehra, D V 074080
Vadehra, D V 076139
Vadner, C H 081815
Vaickute, O 080163
Vail, S L 074222
Vainagii, I V 077826
Vainer, M G 073116
Vaissaire, J 074780
Val, F C do 080417
Valadon, L R G 077460
Valdes-Bermejo, E 077529
Valenta, M 075327
Valenta, M 075330
Valentine, D K 080666
Valenzuela Segura, G 073764
Valenzuela Segura, G 073872
Valerio, C E 080348
Valerio, J E 080348
Valiguram, S I 075143
Valiniece, M 074611
Valiushkin, K D 074826
Valk, G G M van der 078635
Valk, P van der 076903
Vallee, A 075579
Vallerani, R 074395
Valmayor, R V 078594
Valovoi, I E 073114
Valutskaia, A G 077580
Van Aarde, I M R 075260
Van Ark, H 079725
Van Ark, H 079899
Van Ark, H 080109
Van Arsdall, R N 073246
Van Baalen, C 077433
Van Baalen, C 077434
Van Dam, K 078007
Van Den Berg, M A 079655
Van Den Berg, M A 080364
Van Den Bossche, H 075717
Van Den Heever, L W 075781
Van Der Merwe, J J H 079007
Van der Merwe, P K 075092
Van Der Merwe, R P 075001
Van Der Merwe, R P 075002
Van Der Merwe, S P 077817
Van Der Westhuizen, V 075005
Van Dyke, J M 079613
Van Gheluwe, G E A 073890
Van Horn, G S 076628
Van Horn, J L 074642
Van Niekerk, C H 074677
Van Niekerk, C H 074678
Van Niekerk, C H 075288
Van Reenen, L 075784
Van Rensburg, H T 077818
Van Rensburg, I B J 075780
Van Wyk, J A 075786
Van Wyk, L C 074678
Van Wyk, L C 075288
Vanbercie, R 073169
Vance, N 078356
Vanden Berg, P J 077688
Vander Merwe, S P 077818
Vanderholm, D H 081743
Vanderlip, R L 077667
Vanek, F 081709
Vanicek, V 081529
VanLandingham, W J 079852
Vanli, N 081566
Vanossi, L 074220
Vanselow, G 078320
Vanugopal, K R 081087
Vaquer, A 080138
Vaquer, A 081860
Vaquero, B M 072793
Vaquette, J 077318
Varadarajulu, P 074073
Varakin, G 072823
Vardjan, M 077374
Varela-Alvarez, H 074640
Varela-Alvarez, H 080088
Varenitsa, E T 077249
Varenitsa, E T 077951
Varga, 078072
Vargas Hernandez, D 072918
Vargas, C 073182
Vargas, C R 074092
Varges, W 073605
Varma, A 079221
Varnaite, R 081036
Varquero, B M 075198
Varsa, E C 081067
Vasadi, T 075758
Vasak, J 077152
Vaschoubroek, F 075157
Vasel, H 078671
Vashchenko, A P 077190
Vasie, M 075950
Vasil'chenko, I T 076765
Vasil'ev, B R 076489
Vasil'ev, V A 081307
Vasil'ev, V G 078806
Vasil'eva, L I 076765
Vasilenko, V 073028
Vasilescu, P 081236
Vasilev, S 080962
Vasilev, T 075346
Vasilev, V 074810
Vasiliauskaite, O 080169
Vasquez, J 074668
Vassal, J 076807
Vassilev, V 075889
Vastine, W J 073259
Vasudevan, B 075793
Vatter, E L 073512
Vatulia, E E 077177
Vaughan-Williams, H R 073830
Vaulin, A V 077947
Vavak, J 074855
Vavassori, G 073088
Vavilova, N K 077581
Vavra, M 072636
Vavra, M 075029
Vavra, M 075305
Vavra, M 075307
Vavra, M 076292
Vavra, M 078641
Vavrinecz, G 074103
Vaylet, J L 072762
Vedder, P J C 079259
Vedeneev, G I 078509
Veen, A G van 074149
Veerman, A 080454
Veerman, J A 080983
Vega, C 074340
Vegors, H H 075699
Vel', L P 075931
Velato, N 073528
Velayutham, A 081137
Velchev, V 081465
Velde, H H van der 076600
Veldeman, I R 079137
Veldkamp, C 072698
Veldkamp, C 073371
Velez Echeverri, G 073872
Velich, J 078556
Velkin, V V 081526
Velloso, L 074892
Velloso, L 074893
Velloso, L 074896
Venediktov, A M 075136
Venediktov, A M 075148
Venediktova, T N 074833
Venediktova, T N 075152
Venkataraman, A 079729
Venkataramanan, C 078047
Venkataramu, M N 078434
Venkatesan, G 079448
Venkitesan, T S 081611
Vennesland, B 077364
Vente, J M 080766
Venu Reddy, R 081140
Venugopal, N 078436
Verdyshev, G D 077221
Vergara, E V 079080
Verheij, E W M 080955
Verhey, J G P 073962
Verhey, J G P 073963
Verhoeven, M A 074258
Verine, H 075480
Verine, H 075484
Veringa, H A 073966
Verkhovskii, A P 076165
Verlaat, J G 079418
Verma, A N 079662
Verma, R C 081593
Verneaux, J 081614
Vernier, R L 075634
Verniere Fernandez, V 076824
Verniere Fernandez, C 079788
Verona, O 076175
Verster, E 081132
Verster, E 081205
Verster, E 081206
Vervaeke, I 074846
Verwer, F L J A W 080949
Verwer, F L J A W 080955
Verwiel, P E J 079989
Verwoerd, D W 075788
Verzele, M 073862
Veselitskaia, T V 074839
Veselovskaia, L F 072952
Veselovskii, I V 079492
Veselovsky, J 080204
Veselsky, J 076492
Vetra, IA A 075572
Vetter, H 081819
Veum, T L 074953
Vevelstad, A 080025
Vezda, A 076778
Vezda, A 076779
Vezina, P E 076358
Vezirov, N D 080480
Vicente Lopez, S 079788
Vick, B A 077453
Vickery, J W 076589
Vickery, J W 076727
Vickrey, E K 073426
Vidakovic, M 076393
Vidhyasekaran, P 079017
Viegas Assumpcao, R M 078228
Vieira, C 078492
Vielemeyer, H P 081342
Vig, B K 077083
Vigliano, G 076266
Vignais, V 074624
Vigorov, L I 077988
Vigorov, L I 078161
Vihko, V 074592
Vijay, K B 081095
Vijayakalshmi, R 073753
Vijayan, K M 079014
Vijayaraghavan, K 073714
Vijayaraghavan, S 079821
Vil'chinskaia, A S 074827
Vilain, M 081051
Vilardebó, A 079280
Viljasoo, L 077022
Viljoen, N M 079131
Villemez, C L 078031
Villiers, J F 076885
Vincent, A P 078076
Vincent, A P 078077
Vincent, J M 077458
Vincent, J P 079241
Vincent, J S 076721
Vinduska, L 079395
Vinnikov, N I 073129
Vinnikov, N I 075418
Vinogradov, V N 081579
Vintila, R 077618
Vintu, G 078189
Violic M, A 077011
Vioque, A 080075
Viring, S 075262
Virk, K S 072653
Virmani, S M 077833
Virone, L E 072695
Virtanen, A J 074925
Viscontini, M 080273
Vishniakov, S I 075169
Vishniakova, L A 075939
Visnjakow, J I 075589
Vissac, B 075212
Vissac, B 075213
Visser, C J 079329
Visser, D 075196
Vissia, R 073076
Vissia, R 080772
Viswanathan, P S 081140
Vita, C 074623
Vitali, G 074154
Vitek, M 073357
Vitkov, M 073048
Vitkov, M 078485
Vitkovskii, M 072841
Vitosh, M L 081395
Vitovec, J 075766
Vitrikhovskii, P I 081293
Vittoria, A 075584
Vittum, M T 078089
Vivant, J 076778
Vivant, J 076779
Vlach, E 078681
Vlach, E 078867
Vlach, M 077167
Vladik, P 075766
Vladimirov, V L 074838
Vladychenskii, S A 081171
Vlasic, A 078747
Vlasiuk, P A 081514
Vlcek, K 072642
Vletter, R de 074088
Vlk, F 079373
Vlug, H J 079800
Voelker, H 078354
Vogel, C 074668
Vogel, G 073263
Vogel, G 073440
Vogel, G 078698
Vogl, R J 076818
Vogt, A 078702
Vogt, H 075023
Vogt, H 081823
Vohra, P 074735
Vohra, P 074752
Vohradsky, F 074933
Vohradsky, F 076123
Voigt, D 080845
Voitle, R A 075055
Vojacek, V 079407
Vojnits, A 077906
Vojnits, A 079139
Vokac, F 081544
Vol'f, V G 077174
Volden, M 072897
Volden, M 072898
Volger, E 073063
Volgin, V I 075406
Volke, V 081275
Volker, L 075022
Volkov, A 072839
Volkov, B A 074374
Volkov, P 080822
Volkov, V R 077192
Volkov, V R 077214
Volkova, V V 077192
Volkova, V V 077214
Volks, B 078975
Vollosovich, A G 077576
Voloshcheki, P D 074850
Von Broembsen, S 078004
Von Eschen, K B 075707
von Mosch, J 076329
Von Schantz, M 077273
Vonini, V 080777
Vorisek, K 074775
Vorob'ev, N E 079491
Vorob'ev, S A 081262
Vorob'eva, O N 078087
Voronin, E S 075924
Vorontsov, A P 073097
Voroshilova, G I 076946
Vorozheikin, M P 073101
Vos, N M de 078274
Vosamae, H 077021
Voskens, J 081828
Voskoboinikov, V M 075404
Vough, L R 077651
Vozarik, J 075951
Vrana, B 080920
Vratny, P 077567
Vrbenska, A 074764
Vrbenska, A 074766
Vrbenska, A 075073
Vrbenska, A 075074
Vrchlabsky, J 074060
Vreugdenhil, A P 080188
Vrie, C v d 080869
Vrie, C v d 080871
Vrie, C van de 080874
Vries, J P de 076201
Vries, L W B M de 074116
Vrillon, M 075235
Vrtiak, O J 075956
Vrzgula, L 075140
Vrzgula, L 076103
Vrzgula, L V 074813
Vrzgula, L V 076169
Vstsvviolo, D 073657
Vtorov, P P 080230
Vtorykh, E A 075130
Vucic, N 081665
Vudmaska, V IU 075135
Vuillard, P 075477
Vuillaume, R 074780
Vujanic, D 078072
Vulchinkov, V 078482
Vyas, L N 078216
Vyas, S C 079049
Vyrlev, I 080891
Wachendorfer, G 075683
Wachendorfer, G 075684
Wachendorfer, G 075866
Wachowiak, E 074198
Wachowicz, R 075749
Wachsmann, R 073007
Wachsmann, R 080823
Wack, P 075528
Wada, E M 074539
Wada, H 081119
Wade, A E 074639
Wade, A E 080082
Wade, E K 079214
Wade, E K 079215
Wade, E K 079216
Wade, N 072700
Wade, N 072701
Wadhi, S R 073561
Wadman, J B 075091
Wadsworth, D F 079065
Waele, M de 081696
Waerebeke, D van 080373
Wafai, B A 076688
Wagenaar, E B 076915
Waggoner, P E 081109
Waggoner, P E 081814
Waghorne, D M 080531
Wagner, D 073816
Wagner, G W 079178
Wagner, H 076463
Wagner, I 076474
Wagner, K H 079343
Wagner, K H 081827
Wahal, C K 077481
Wahl, H 073616
Wahlstrom, J D 075617
Wahlstrom, R C 074954
Wahlstrom, R C 074955
Wahlstrom, R C 074956
Wahren, D 076535
Waibl, H 076012
Waid, J S 079547
Waines, J G 076917
Waisel, Y 077842
Waite, S B 076684
Waizenhofer, H 076065
Wakasugi, N 075276
Walachowska, U 074701
Waldo, D R 074856
Waldow, U 080307
Waldroup, P W 075040
Waldschmidt, M 076458
Wales, R G 074667
Wales, R G 075269
Walker, C F 072643
Walker, G 073711
Walker, J T 078974
Walker, R G 076084
Walker, T J 080393
Walker, W W 080102
Walkiewicz, A 074443
Walkowiak, E 075754
Walkowiak, H 078314
Walkowiak, R 078215
Wall, B J 080351
Wall, K A 075326
Walla, I 078034
Wallace, A 076781
Wallace, A 081225
Wallace, D H 078918
Wallace, G D 075611
Wallace, H A H 079937
Wallace, L D 074756
Waller, G D 080670
Waller, W T 081732
Wallis, F M 079132
Wallnofer, P R 079481
Waloff, N 080568
Walow, M 074309
Walper, F 073998
Walsh, R G 081873
Walter, J F 073231
Walter, J F 074265
Walter, J H 075055
Walters, H S 080016
Walther, J E 076522
Walther, J E 081852
Waltl, K 078978
Walz, O P 075155
Wandt, H 076360
Wandt, H 081361
Wang, J T 075620

Wang, T S L 081239
Wang, W S 077339
Wang'ati, F J 077723
Wanielista, M P 081738
Wanka, F 077543
Wanner, H 081162
Wapakala, W W 079268
Waqar, M A 077351
Warburton, S 074290
Ward, A B 074099
Ward, A B 074100
Ward, A L 079262
Ward, B C 076110
Ward, C R 079988
Ward, C R 080241
Ward, G M 074899
Ward, G M 074900
Ward, L E 073212
Ward, L K 076695
Ward, R C 081743
Ware, G W 080049
Ware, M S 073667
Ware, M S 073901
Wareham, A C 080222
Wareing, P F 078222
Warnick, R E 075052
Warr, I 073541
Warr, I 080040
Warren, F L 080323
Warren, F S 079453
Wartenbert, A 078153
Washington, R J 073874
Washino, R K 080504
Wasko, J 076509
Wass, W M 076088
Wassef, M K 074166
Wasserman, T 074098
Wasserman, T 074135
Wassermann, L 074115
Wassermann, L 074126
Wassom, C E 077670
Watanabe, H 080356
Watanabe, M 073952
Watanabe, T 074672
Watanabe, T 077450
Watanabe, T 079003
Waterman, P G 076797
Waters, R M 079951
Watkin, D M 073802
Watrous, G H 073931
Watson, D J 076113
Watson, T R 077345
Watt, J A A 074478
Watt, J A A 074479
Watt, R F 076332
Watts, A B 073664
Watts, A B 075813
Watychowicz, I 075754
Wauthy, B 076863
Wavhal, K N 078794
Wawrzynczak, H S 074946
Wax, L M 077769
Wax, L M 079483
Wax, L M 079609
Waydbrink, W V D 078314
Waygood, E R 077533
Wayland, J R 079593
Wayne, R S 079627
Wazny, J 076558
Wazny, J 076564
Wazny, J 079143
Weare, N M 077335
Wearing, C H 080322
Weaver, L O 079334
Weaver, L O 079335
Weaver, L O 079336
Webb, A A 076536
Webb, B 081482
Webb, B 081483
Webb, B D 074134
Webb, N W C 077402
Webb, T 076585
Weber, A 072722
Weber, A 075658
Weber, D J 077874
Weber, D J 079062
Weber, E J 077769
Weber, E J 077823
Weber, E J 079483
Weber, F 073759
Weber, F 073760
Weber, F 076024
Weber, G 081774
Weber, H 074458
Weber, K C 074796
Weber, L J 080131
Weber, L J 080132
Weber, P 072633
Weber, W 078692
Webster, J M 079997
Wedemeyer, W G 081720
Wedemeyer, W G 081757
Wee, Y C 073560
Weeks, E E 072964
Weeks, E E 073133
Weeks, M E 081378
Weems, H V 079810
Weetall, H H 073846
Wegenaar, C 080870
Weghe, H Van den 080783
Weglarska, B 080471
Wegner, A 080729
Wegner, W 075358
Wegner, W 075522
Wehner, G 074350
Wehner, R 080352
Wehrhahn, C 080371
Weibel, D E 077160
Weickum, G 072880
Weidenhoff, H 080871
Weigand, E 074843
Weigl, J 077965
Weihs, O 073384
Weihs, O 073433
Weijer, J 077424
Weil, J H 078130
Weiland, G 079342
Weiler, N 079152
Weingartner, D P 078900
Weinges, K 077446
Weinrobe, M 081816
Weintraub, H 080200
Weintraub, J 079998
Weiser, J 080335
Weisman, N 078107
Weismann, L 080202
Weiss, D 080445
Weiss, D 080511
Weiss, H 081797
Weiss, J 073615
Weissenstein, E 074465
Weisser, H 073854
Welch, R M 077853
Welch, W C 081861
Welento, J 074708
Welento, J 074709
Welkisch, G 076304
Wellburn, A M 077883
Wellburn, A R 077883
Weller, H 077486
Wellinga, K 079642
Wellings, L W 079136
Wellman, A C 073369
Wells, C M 073285
Wells, E A 075909
Wells, M R 079645
Wells, N 081150
Wells, R C 074404
Wellwood, R W 076524
Welser, J R 075554
Welsh, R 073258
Welton, R F 074973
Welty, R E 076135
Wendelbo, P 076590
Wendt, C W 081659
Wenk, G 078235
Wenner, H L 072996
Wenner, H L 080702
Wensing, C J G 074675
Wensing, C J G 074676
Wensvoort, P 075123
Wensvoort, P 076148
Went, J L van 076881
Went, J L van 076882
Wentink, G H 074798
Wentzel, D 074677
Werken, H van de 078831
Werken, J v d 073666
Werkman, T A 077337
Werler, L 080902
Werner, E 078782
Werner, J C 077702
Werner, J C 081322
Werner, K H 081617
Wernli K, C 074853
Wertheim, S J 078030
Wesche, R 072935
Wesenberg, J 074171
Weser, U 074625
Wessels, J G H 076903
Wessels, P J H 075001
Wessely, K 073386
West, D E 075251
West, J L 076108
West, Q M 072776
Westbye, O 080014
Westfall, D G 079572
Westhoff, V 076858
Westin, L 077971
Westlake, W E 080050
Westlake, W E 080051
Weston, C W 081839
Weston, R H 074867
Westoo, G 073690
Westoo, G 080143
Weswig, P H 074795
Wet, J M J de 076651
Wetter, L R 077569
Wetterau, H 075111
Wetzel, D 081768
Wetzel, R G 081746
Whaley, T W 077693
Whalley, W M 078902
Whanger, P D 074795
Wheals, A E 077078
Wheat, J D 075342
Wheat, J D 075343
Wheat, J D 075344
Wheeldon, P M 080958
Wheeler, M R 080212
Wheeler, M R 080254
Whipple, W 081727
Whitacre, D M 080049
Whitaker, M 073130
White, C J B 074622
White, E R 077759
White, E R 079719
White, F H 078416
White, G 075826
White, G 076336
White, K E 079961
White, L D 079804
White, P L 073613
White, R G 075508
Whitehead, A G 079237
Whitehead, A G 079238
Whitehead, A G 079245
Whitehead, D C 081112
Whiteley, K J 074054
Whitfield, C F 074565
Whitlock, G 073725
Whitlock, J H 075709
Whitman, I 081742
Whitmore, T C 076679
Whitmore, T C 076680
Whitney, A S 077664
Whitney, A S 079416
Whitney, R D 078941
Whittemore, C T 074977
Whittingham, D G 074667
Whittmore, C T 074978
Wiatroszak, I 075752
Wicha, R 072622
Wicha, R 076174
Wichmand, H 080784
Wichner, D 078313
Wick, E L 073877
Wick, G 074583
Wicke, H J 078296
Wicke, H J 078297
Wicke, H J 081339
Wicke, H J 081613
Wickel, H 078696
Wickman, B E 079914
Wickremasinghe, R L 073877
Wicks, G A 078477
Widen, C J 077415
Widen, K G 077267
Widen, K G 077273
Widmoser, P 081681
Wiebe, H J 079294
Wiechetek, M 074706
Wiedenhoff, H 080867
Wiedenhoff, H 080869
Wiedenhoff, H 080872
Wieg, A J 073892
Wienecke, F 080918
Wieneke, F 080908
Wiersma, D 081527
Wierzbicka-Kukulowa, A 077755
Wierzejska, A 081469
Wiese, A F 079594
Wiese, A F 080152
Wieser, F 077376
Wiesner, H U 080968
Wigglesworth, V B 080302
Wigglesworth, V B 080405
Wight, J R 077777
Wightman, J A 080366
Wiksten, N A 076320
Wilcox, C J 075257
Wilcox, M 076940
Wild, A 077621
Wilde, R H 081151
Wilder, B M 076963
Wildgoose, P B 077547
Wilding, N 080338
Wildman, W E 081324
Wilen, B O 081230
Wiley, A A 076536
Wiley, J H 074967
Wilfret, G J 078966
Wilham, C A 074109
Wilhelm, S 079106
Wilke, R 078701
Wilkes, L H 074240
Wilkin, D R 079935
Wilkinson, B H P 081824
Wilkinson, J S 074549
Wilkinson, R E 078918
Wilkinson, R S 080272
Wilkinson, S R 076022
Wilkson, R K 072800
Willard, E E 078391
Willemart, J P 075823
Willems, A E R 074399
Willemstein, S C 080234
Willett, L B 074335
Willett, R 073727
Willett, R 073730
Williams, A J 074550
Williams, C 077445
Williams, E 078155
Williams, E D 077613
Williams, E G 076626
Williams, E W 074299
Williams, I E 074412
Williams, I H 080087
Williams, J 073550
Williams, J H 078441
Williams, J L 079441
Williams, J L 079471
Williams, L H 079903
Williams, N H 076800
Williams, P M 077849
Williams, R E 080000
Williams, S W 073244
Williams, S W 073754
Williams, W T 077686
Williamson, A P 073186
Williamson, A P 073187
Williamson, J G 076438
Williford, J R 078439
Williford, J R 079517
Willis, C B 079274
Willis, C B 079275
Willis, C B 079276
Willis, C B 079277
Willis, C E 081730
Willis, P 078665
Willis, R 073134
Willomitzer, J 075947
Wills, R B H 074256
Wills, R B H 074286
Wills, R B H 078134
Wills, W H 079088
Wilms, H J 077048
Wilson, B J 073658
Wilson, B J 079430
Wilson, C 073766
Wilson, D E 080175
Wilson, H R 074716
Wilson, H R 075055
Wilson, J L 074110
Wilson, J T 079950
Wilson, L L 074640
Wilson, L L 080088
Wilson, M R 075878
Wilson, W O 074752
Wiltbank, J N 075217
Wiltbank, J N 075218
Wimmer, H 073214
Wimmer, J 081059
Wing, M 075029
Wing, M 075307
Winget, C M 074752
Winkel, A 078322
Winkel, H 080714
Winklepleck, R G 081857
Winkler, B 074343
Winkler, G 079290
Winkler, W 073235
Winner, C 078429
Winokur, M N 080037
Winter, H 080445
Winter, S R 077649
Winterlin, W L 077759
Winterlin, W L 079719
Winzenried, H U 075345
Wirsching, G 080720 079213
Wirsig, H 072864
Wirth, M E 080745
Wischmeier, W H 081576
Wischnjakowa, L A 075764
Wise, D R 074782
Wise, D R 075833
Wise, D R 076052
Wishart, J E 076419
Wismer-Pedersen, J 073993
Wisniowski, J 075796
Wisniowski, J 075801
Wiss, O 073759
Wiss, O 076024
With, C A 073307
Withnell, C G 075826
Withycombe, D A 073889
Witte, G C 074138
Witte, W T 078679
Witter, B 078320
Wittke, G 074552
Wityk, A 075754
Wlodarczyk, C 073895
Wlodarczyk, Z 081443
Wobeser, G 075664
Wodehouse, E B 077379
Wodehouse, E B 081779
Woelffer, E A 076023
Woets, J 079856
Wohlert, 072933
Wohlfarter, R 072749
Wohlfarth-Bottermann, K E 076883
Wohlfarth-Bottermann, K E 077284
Wohllebe, H 080843
Wohlmeyer, H 073146
Wohner, T A H P 074015
Wojcicki, Z 080890
Wojciechowska, H 079058
Wojciechowska, H 079059
Wojciechowski, Z 077269
Wojcieska, U 077564
Wojcik, D P 079635
Wojcik, E 077275
Wojciuch, E 077341
Wojtczak, A B 074503
Wojtczak, L 074503
Wojterska, H 076968
Wojtowicz, Z 074517
Wojtusiak, R J 080399
Wolf, J 080337
Wolf, R 080877
Wolf, W W 079668
Wolfe, H R 080052
Wolfe, R L 079963
Wolffhardt, D 078568
Wolffram, R 073149
Wolffram, R 073177
Wolfram, L J 074047
Wolk, C P 077341
Wolkewitz, H 081272
Wolosiuk, R A 078158
Wolski, T 081268
Wolter, K 074128
Womack, H 079710
Womack, J D 081719
Womack, J D 081872
Womeldorf, D J 079961
Womeldorf, D J 079962
Womeldorf, D J 079976
Womeldorf, D J 080042
Wong, T K 079309
Wong, T K 079310
Wong, T K 079311
Wong, Y H 081239
Wood, D 078662
Woodard, A E 074745
Woodbine, M 073568
Woodcodk, N A 073712
Woodhill, J M 073758
Woodin, T S 077363
Woodin, T S 077698
Woodrum, J E 080173
Woods, C 079390
Woods, G T 075632
Woods, G T 075895
Woodworth, B M 072884
Woody, M C 074778
Woog, R 074022
Woolhouse, H W 077431
Woolhouse, H W 077432
Woolley, T A 080271
Woolson, E A 080057
Woolson, E A 080101
Woolson, E A 081054
Wooten, A B 072772
Wooten, O B 079517
Wordinger, R J 074649
Worf, G L
Workman, M 078658
Worley, E E 077774
Worley, J F 077754
Worowski, K 073705
Wort, D J 077986
Wos, A 081459
Wotherspoon, A 076455
Woude, G F V 075957
Wozniak-Strzembicka, A 079097
Wraber, T 076619
Wright, C L 075830
Wright, D 076212

Wright, F C 073632
Wright, F C 080090
Wright, G M 077255
Wright, J I 076805
Wright, J W 076381
Wright, J W 076411
Wright, J W 079951
Wright, L N 077776
Wright, M 078661
Wright, T C 076346
Wright, T H 079602
Wrischer, M 078154
Wrken, J v d 073665
Wronka, T 081458
Wuidart, W 078456
Wujciak, R 076456
Wulf, H 073767
Wulff, G 077923
Wullinger, F 073816
Wunsche, J 074911
Wunsche, J 075117
Wunsche, J 077051
Wurl, G 081343
Wustinger, J 076046
Wustrack, H J 077052
Wyatt, A J 074743
Wyatt, R D 076047
Wyatt, R D 076135
Wyatt, R D 076136
Wyers, M 074780
Wyers, M 076051
Wyrbanov, A 073466
Wyrill, J B 078392
Wyrill, J B 081111
Wyrost, P 076046
Wyszomirski, T 073068
Wytwer, T 076565
Xzvier, F E 077819
Yadav, S C 081383
Yadav, S P 077752
Yadav, T D 079758
Yadava, R K 074964
Yagi, T 074260
Yaginuma, T 080579
Yahata, B 081155
Yahsiman, K 076694
Yaklich, R W 079535
Yakunin, B M 080378
Yamada, H 079793
Yamada, H 080358
Yamada, K 074673
Yamada, M 077931
Yamada, T 076572
Yamada, T 076573
Yamada, T 077034
Yamada, T 078280
Yamada, T 079254
Yamada, Y 078003
Yamada, Y 080213
Yamafuji, K 078074
Yamaguchi, I 077110
Yamaguchi, M 074739
Yamaguchi, S 076036
Yamaguchi, Y 078983
Yamakawa, K 077109
Yamaki, S 079367
Yamamota, S 074991
Yamamoto, K 080724
Yamanaka, H 074131
Yamanishi, T 073877
Yamaoka, K 080325
Yamauchi, K 073641
Yamauchi, K 073652
Yamauchi, K 074027
Yamauchi, K 074033
Yanase, M 079252
Yanez, E 073767
Yang, H Y 074284
Yang, I L 079161
Yang, P C 078532
Yang, S C 081503
Yang, Y H 073720
Yang, Y J 078532
Yang, Y Y 081505
Yao, S Y 077399
Yarbrough, C C 078393
Yarbrough, J D 079645
Yarnell, T 073250
Yassin, A M 079346
Yasuda, M 074629
Yasuno, M 080349
Yatazawa, M 077787
Yatazawa, M 078062
Yelling, J A 072623
Yen, M J 081504
Yeo, R R 079433
Yeo, R R 079980
Yepez, G T 079357
Yeung, P 073339
Yingchoi, P 081162
YIrtsev, B A 076575
Yokomizo, H 079252
Yolen, N 076111
Yoon, J S 080212
Yoon, J S 080254
Yoshida, D 077735
Yoshida, D 078983
Yoshida, M 074986
Yoshida, M 074987
Yoshida, M 076026
Yoshida, S 077787
Yoshida, S 078062
Yoshida, T 079893
Yoshida, T 080096
Yoshida, T 081127
Yoshikawa, H 077449
Yoshikawa, H 079002
Yoshikawa, Y 078026
Yoshioka, S 074260
Youde, J G 073137
Youlton, N J 079950
Young, A M 080390
Young, A M 080392
Young, A V 075652
Young, C M 073794
Young, D L 074602
Young, D W 077604
Young, E 075787
Young, H F 081739
Young, J H 079707
Young, J R 079699
Young, R J 075059
Young, S Y 080339
Younge, O R 077664
Younge, O R 079416
Younis, A E 078888
Yousten, A A 080105
Yu, J Y L 074568
Yuan, J H 074545
Yuita, K 081120
Yuita, K 081121
Yumoto, T 078932
Yunker, C E 080001
Yurchenko, L V 077209
Yusa, K 073951
Zabegalova, N N 075160
Zabik, M J 080298
Zablotskii, V T 075945
Zabransky, S 078560
Zabransky, S 079228
Zacharias, H 072875
Zadina, J 077164
Zadoks, J C 078951
Zadorozhnaia, G A 078513
Zadorozhnyi, A M 078886
Zadrazil, F 078653
Zadrazil, K 075329
Zagaevskii, I S 073699
Zahlten, R N 080091
Zaidanov, L Z 080268
Zairov, S Z 077678
Zaitlin, M 079208
Zajanckauskas, P 080167
Zak, K 080999
Zakaria, A M 074575
Zakharchenko, A M 077088
Zakharov, A A 080462
Zakharov, I A 077196
Zakharov, I A 077209
Zakharov, I A 077230
Zakrevskii, M I 074823
Zakrevskii, M I 080793
Zaksenberg, I M 075421
Zalevskii, A V 072954
Zalewska, E 074711
Zalik, S 077707
Zalik, S 077708
Zamski, E 078217
Zander, H 075299
Zander, J 081532
Zanella, A 075675
Zanic, D 074122
Zanker, J 081535
Zannetti, G 074586
Zanoni, G 080696
Zareba, R 076832
Zarichnyi, F 073031
Zarkin, Da 078426
Zartman, D L 074597
Zarubina, G M 076954
Zaslavskii, M N 081562
Zatko, T 075247
Zatserkovnyi, V M 075163
Zaujcova, L 074384
Zaujcova, L 078283
Zaujcova, L 078285
Zausch, M 074343
Zausch, M 075108
Zausch, M 075110
Zavrel, H 074057
Zawadzki, I I 081661
Zawadzki, Z 074030
Zawierucha, R 074503
Zdankiewicz, M 074510
Zdarsky, V 074209
Zdarsky, V 078525
Zech, E 080847
Zeddelmann, Hv 073596
Zeevaart, J A D 077549
Zeh, H 076197
Zeh, R 077277
Zehler, W 080851
Zeinalova, E M 077675
Zel'ner, V R 075152
Zeledon, R 080348
Zelena, J 074616
Zelena, J 074617
Zelenev, Yu V 074188
Zelenev, Yu V 076508
Zelezny, R 078417
Zelfel, S 075367
Zelfel, S 075374
Zelinka, K 074059
Zeller, R 075527
Zeman, F J 074975
Zemanek, J 079409
Zemko, A 074524
Zemliakov, IU V 075168
Zende, G K 078361
Zende, G K 081627
Zenisceva, L 077243
Zenk, M H 077408
Zenk, M H 077848
Zenke, R 074910
Zentmyer, G A 078652
Zentmyer, G A 078935
Zentmyer, G A 078937
Zentmyer, G A 078938
Zeppezauer, E 074557
Zerahn, K 080667
Zerdoner, E 078221
Zerendorsh, B 072872
Zermati, J F 072851
Zerner, B 074621
Zetsche, K 077548
Zeuschner, H D 073330
Zhakov, M S 074825
Zhakov, M S 075962
Zharikov, V A 072861
Zharskaia, S K 075169
Zhavnenko, V M 075931
Zhavoronkov, N I 073693
Zhavoronkov, N I 076168
Zhdanov, V G 077411
Zhdanov, Y A 077195
Zhdanov, Y A 077229
Zhelochovtzev, A N 080592
Zhemela, G P 079491
Zherdev, V 072830
Zhevak, N G 078584
Zhevner, V D 077102
Zhidkov, A 073022
Zhidkov, V A 081514
Zhigailov, V V 081580
Zhikhareva, G A 081245
Zhil'tsova, L S 080794
Zhilinskii, N 073025
Zhiriakov, A M 075418
Zhiriakova, N S 075417
Zhirkov, G F 074840
Zhirnov, I E 075411
Zhirov, E G 077193
Zhivalev, I K 075409
Zhivitskii, G P 079492
Zhivotovskii, L A 075237
Zhogolev, D T 080588
Zhokovski, N 075888
Zhukov, A I 078171
Zhukov, I N 081411
Zhukov, L 072737
Zhukova, L F 081126
Zhukovskii, E E 078570
Zhulavskaia, G P 081293
Zhulia, V M 076983
Zhurikov, V 073029
Ziajka, S 073563
Ziajka, S 075587
Zieba, S 078771
Zieba, S 081456
Ziecik, A 075586
Ziegler, I 077846
Ziegler, J H 076059
Zielinska, Z 073772
Zieminski, R 075310
Zienkowicz, B 078383
Ziernhold , J 073215
Ziiatdinov, Kh Z 081404
Zila, L 077368
Zila, L 077945
Zila, L 077946
Zila, L 081708
Zilberstein, Y 078996
Zilla, T 075032
Zilla, T 075033
Zimbelman, R G 075209
Zimdahl, R L 079597
Zimina, T K 077951
Zimmer, E 074346
Zimmering, S 080266
Zimmerman-Pope, V A 075255
Zimmerman, D C 077453
Zimmerman, D R 074957
Zimmerman, D R 075726
Zimmermann, H 073236
Zimmermann, H 074291
Zimmermann, H 075765
Zimmermann, R 076392
Zimovskaia, A T 079414
Zinchenko, A M 074830
Zinck, A 081016
Zingstra, H 078783
Zinkl, J 074591
Zinkl, J 074596
Zinsou, C 077491
Zisman, I P 080774
Zittle, C A 073765
Zittle, C A 073943
Ziv, G 075637
Zmrhal, Z 077905
Zobel, B J 076349
Zoch, L L 076537
Zoch, L L 076539
Zoerb, M H 078248
Zohari, M 073683
Zohrer, F 076260
Zoina, A 079117
Zolnierczuk, R 076898
Zolotov, L N 079001
Zolotova, S I 080378
Zonev, I 081658
Zontine, W J 075451
Zorn, E 078707
Zorrilla Manas, J A 078930
Zorrilla Manas, J A 079250
Zorrilla Manas, J A 079785
Zorrilla Manos, J A 078929
Zosidze, R 080466
Zosimovskaia, A I 080442
Zouros, E 080267
Zrno, J 080707
Zschau, K 079457
Zschau, K 079458
Zschau, K 079460
Zschieschang, B 080831
Zsuffa, E 072786
Zubareva, L A 075426
Zubenko, V F 081007
Zubrilin, A A 074367
Zucker, M B 081745
Zuckerman, B M 079192
Zuev, V V 075963
Zuhlke, J 073779
Zulawska, Z 080683
Zulberti, C A 072986
Zundel, R 076255
Zurawski, P 073855
Zurkowski, M 075236
Zurzycki, J 077290
Zusman, I N 074740
Zviagintsev, L 073099
Zviagintseva, G V 075151
Zvonkova, T V 081801
Zvonkova, T V 081803
Zwar, J A 078120
Zwatz, B 079050
Zwatz, B 079051
Zwatz, B 080123
Zwicker, R 077718
Zych, C C 078682
Zykov, V 072840
Zyrin, N G 081168
Zyska, B 076563

1.916
B471

ISBN 0008-1590

BIBLIOGRAPHY OF AGRICULTURE

Data provided by National Agricultural Library
U.S. Department of Agriculture

National Agricultural Library
Bee Culture Branch, Bldg. A
Agricultural Research Center
Beltsville, Maryland 20705
OCT 10 1973

MACMILLAN INFORMATION
A Division of Macmillan Publishing Co., Inc.
866 Third Avenue
New York, N.Y. 10022

The *Bibliography of Agriculture* is a monthly index to the literature of agriculture and the allied sciences received in the National Agricultural Library. Magnetic tapes supplied by the library are computer processed, using several vocabulary control mechanisms. The resulting subject and author indexes provide access to the literature in considerably less time than would be required by traditional indexing techniques.

Vol. 37 - No. 9 September 1973 Entries 081886-092466

BIBLIOGRAPHY OF AGRICULTURE

Data provided by National Agricultural Library U.S. Department of Agriculture

CONTENTS

INTRODUCTION . . . . . p. iii
MAIN ENTRY SECTION . . . . . p. 1

General agriculture and rural sociology	081886-082030
General agricultural economics and land economics	082031-082081
Agricultural administration and management	082082-082191
Agricultural production costs and returns	082192-082310
Agricultural production distribution	082311-082484
Statistical data and methodology	082485-082516
Outlook, policies, programs, and legislation	082517-082667
Consumer protection	082668-082901
Human nutrition	082902-083007
Home economics	083008-083009
Agricultural products — general	083010-083233
Dairy products	083234-083389
Livestock products	083390-083495
Poultry products	083496-083523
Field crop products	083524-083688
Horticultural Products	083689-083851
Feed products	083852-083914
Animal husbandry	083915-084019
Livestock biology	084020-084386
Livestock feeding	084387-084739
Livestock breeding	084740-084982
Veterinary medicine	084983-085179
Infectious and parasitic diseases	085180-085601
Non-infectious diseases	085602-085766
Miscellaneous diseases	085767-085806

MACMILLAN INFORMATION
A Division of Macmillan Publishing Co., Inc.
866 Third Avenue
New York, N.Y. 10022

Forestry — general	085807-085877
Forest management	085878-085995
Silviculture	085996-086091
Forest industries	086092-086275
General plant science	086276-086321
Plant taxonomy and geography	086322-086615
Plant ecology	086616-086693
Plant morphology, anatomy and cytology	086694-086832
Plant genetics and breeding	086833-087186
Plant physiology and biochemistry — general	087187-087642
Physiology and biochemistry of field crops	087643-087916
Physiology and biochemistry of horticultural crops	087917-088238
Physiology and biochemistry of forest trees	088239-088304
Field crops — culture	088305-088549
Horticultural crops — culture	088550-088940
Miscellaneous economic plants — culture	088941-088975
Plant fungus diseases and control	088976-089293
Plant bacterial diseases and control	089294-089328
Plant virus diseases and control	089329-089431
Miscellaneous plant diseases, injuries, and control	089432-089584
Weeds and herbicides	089585-089757
Insect pests and controls — general and miscellaneous plants	089758-089847
Insect pests and controls — field crops	089848-089976
Insect pests and controls — horticultural crops	089977-090101
Insect pests and controls — forest trees, products	090102-090174
Insect pests and controls — products	090175-090217
Insect pests and controls — animal and man	090218-090302
Pesticides — general	090303-090407
General entomology	090408-090857
Taxonomic entomology	090858-091057
Apiculture and sericulture	091058-091227
Agricultural engineering	091228-091305
Farm equipment	091306-091477
Soil Science	091478-091786
Soil improvement materials	091787-092010
Soil resources and management	092011-092073
Water resources and management	092074-092288
General natural resources and environmental pollution	092289-092466
*Life sciences	
*Physical sciences and mathematics	
*Chemistry	
*Technology	
*Economics and administration	
*Social sciences and humanities	
*Information science	

*These categories are infrequently used

SUBJECT INDEX . . . . . p. 165
GEOGRAPHIC INDEX . . . . . p. 349
CORPORATE AUTHOR INDEX . . . . . p. 355
PERSONAL AUTHOR INDEX . . . . . p. 359

Copyright © 1973 by Macmillan Information, a division of Macmillan Publishing Company, Inc.

The Bibliography of Agriculture is published monthly by Macmillan Information, 866 Third Avenue, New York, New York 10022. All rights reserved. No part of this book may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photo-copying, recording, or by any information storage and retrieval system, without permission in writing from Macmillan Information. Price: $95.00 for 12 Issues. Individual Issue $10.00, plus Postage and Handling.

Manufactured in the United States of America.

Second Class Postage Rates paid at New York, N.Y. and at additional mailing offices.

INTRODUCTION

The *Bibliography of Agriculture* is a monthly index to the literature of agriculture and allied sciences, based upon the indexing records prepared by the U.S. National Agricultural Library, for its CAIN (Cataloging and Indexing) computer system. Macmillan Information, a division of the Macmillan Publishing Company, Inc. prepares and publishes the Bibliography under the control of its own computer indexing system.

CONTENT

The National Agricultural Library collects literature related to agriculture from world wide sources. Publications are considered for inclusion in the CAIN System if a summary, abstract or title is available in a language in which the Library has expertise. The Bibliography includes journal articles, pamphlets, government documents, special reports, proceedings, etc. Books, new serials and other materials recently cataloged by the Library are announced in the *National Agricultural Library Catalog* published by Rowman and Littlefield.

Articles of substantial interest to the agricultural community are selected by specialists on the library staff. Editorials, letters to the editor, regular columns, and articles signed with pseudonyms or initials are not included. Indexing of articles on the processing of agricultural products is limited to those on primary processing. Generally material must have been published in the current year or the preceding year, but exceptions are made for comprehensive volumes or works of special significance to a wide audience.

The Bibliography is now divided into five sections: A main entry section, a subject index, a geographic index, a corporate author index, and a personal author index.

MAIN ENTRY SECTION

The main entry section provides full bibliographic data for the records added to the CAIN system during the preceding month by the National Agricultural Library.

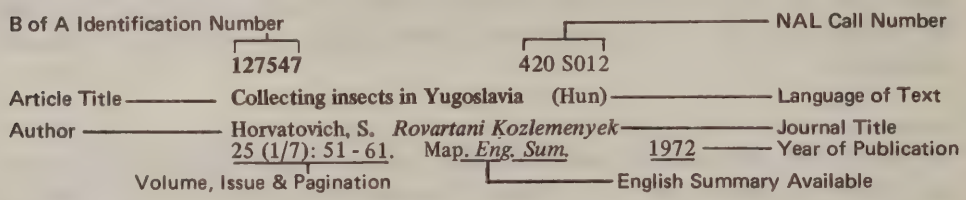
Entries are assigned to one (or more if appropriate) of the broad subject categories shown in the table of contents. The array of subject categories was increased in 1972 to facilitate browsing through a small number of citations of high relevance to a particular interest. Approximately equal numbers of citations will fall into each category over a given period of time. In assigning materials to the categories, first consideration is given to the aspect, discipline or methodology involved, so that the categories will enhance information given in the title.

Within each category, entries are arranged alphabetically by journal title abbreviation. This permits rapid locating and scanning of articles from journals which are known to be relevant.

Each entry begins with a six digit identification number assigned sequentially throughout a volume year. This number serves as an identfier for the item in the various indexes. The call number of the National Agricultural Library is also noted on the first line of each entry, and should be included in any correspondence with the library. All titles are in English, using the Library's translations of non-English titles as necessary. If the text is other than English, the original language is indicated in parentheses following the title, using the following notations:

(Afr)	Afrikaans	(Fle)	Flemish	(Lit)	Lithuanian
(Alb)	Albanian	(Fre)	French	(Mac)	Macedonian
(Arm)	Armenian	(Geo)	Georgian	(Nor)	Norwegian
(Aze)	Azerbaijani	(Ger)	German	(Pol)	Polish
(Bel)	Belorussian	(Gre)	Greek	(Por)	Portuguese
(Bul)	Bulgarian	(Heb)	Hebrew	(Rum)	Rumanian
(Bur)	Burmese	(Hun)	Hungarian	(Rus)	Russian
(Chi)	Chinese	(Ice)	Icelandic	(Ser)	Serbian
(Cro)	Croatian	(Ind)	Indonesian	(Slo)	Slovak
(Cze)	Czech	(Ita)	Italian	(Slv)	Slovenian
(Dan)	Danish	(Jap)	Japanese	(Spa)	Spanish
(Dut)	Dutch	(Kor)	Korean	(Swe)	Swedish
(Est)	Estonian	(Lat)	Latin	(Tha)	Thai
(Fin)	Finnish	(Lav)	Latvian	(Tur)	Turkish
				(Ukr)	Ukrainian

In order to identify bibliographic elements within each main entry, note the following:



SUBJECT INDEX

The vocabulary of the Bibliography of Agriculture is derived from the indexed literature. As a result, it reflects both natural language and scientific terminology. The reader must keep this fact in mind and approach the subject index without any preconceived taxonomy in mind. For example, data on a particular member of the ACARIDAE family may be found under TICKS as well. Prevention measures will be found under ACARICIDE.

The reader should plan his search in terms of the most specific natural language term prior to searching under a scientific term. However, note that the vocabulary is an open ended one and new terms are added each month. Undoubtedly readers will be more keenly aware of crucial search terms within their own fields of research. If such terms are missing, we hope readers will notify the editor of such gaps. The Subject Index will increase its utility if there is frequent interaction between the research community and the editor.

All entries are based on single words in the title (and title enrichment when added by the library). An entry will be made whenever a title word matches a word on the authority file, which currently contains over 25,000 terms. The file is organized so that in most cases synonymous terms are grouped together under a single subject heading. Thus singular and plural forms are grouped under a single term as are grammatical variants:

PROTEINS (singular and plural variation)
I. Water, fats, ash & salt. II **Protein**
Modifying **proteins** for maximum utilization

MANAGEMENT (grammatical and term variation)
profits through nutrition and **management**
Management agricultural extension
* **Administration** of agricultural cooperatives
Techniques of **administering** apiaries in apiculture

* Cross references are made to synonymous terms.

The title word on which the entry is based, appears in bold face type to facilitate rapid scanning of the index. A secondary word, which may either precede or follow the primary word, also appears in bold face type. These word pairs help provide finer access to desired term, particularly under headings which have many entries.

VIRUSES
Physical properties of blue-green **algal virus**
Venezuelan equine **encephalomyelitis virus**
Limited proteolysis of **potato virus X** by
with sugar beet tolerance to **virus yellows.**

If a search is required which related to a general term such as an ACID it would be preferable to search under the specific type of ACID. Very often a specific acid has already been established as a subject term. However new types of acids, or viruses or plant varieties will not have been identified in the the thesaurus and under such circumstances, searching under the more general term would prove more fruitful.

We have changed the format of the table of contents to reflect the identification number ranges of each of the main entry categories. Thus, the reader can check the category under which a subject entry falls, prior to verifying it in the main entry section.

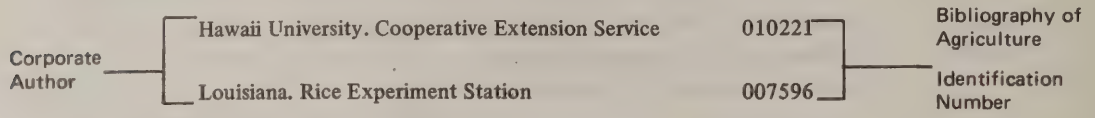
The asterisk line: * * * * * *
Occasionally the reader will encounter a series of asterisks in place of title data under a term, followed by the B of A identification number. This line indicates the presence of material which is part of a series and the title data is identical to that immediately above the asterisk. The identification number given is the last entry in the series which has been entered consecutively within a particular category.

GEOGRAPHIC INDEX

As part of our goal of constantly increasing access to the literature, we have added a geographic index. This index is a direct alphabetic listing of all place names which have been indexed in association with the title. Obviously not all titles will have geographic entries. The indexing division of the National Agricultural Library will add geographic descriptors wherever it is germane to the subject of the article.

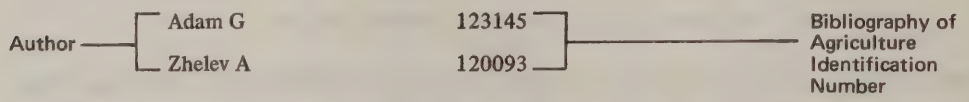
CORPORATE AUTHOR INDEX

Readers will note that the corporate author index is considerably enlarged. We are now able to indicate authorship of the publications of the State Agricultural Experiment Stations and Extension Services. The full corporate citation is given, followed by the six digit identification number referring to its appropriate main entry.



AUTHOR INDEX

All personal authors (to a maximum of ten for each citation) are included in the index. Entries are made by last name and initials, followed by the six digit identification number referring to the bibliographic data in the main entry section.



AVAILABILITY OF REFERENCES CITED

Most of the current publications of the Department of Agriculture, and publications issued by the State Experiment Stations and the State Agricultural Extension Services, may be obtained free of charge by applying directly to the issuing agency. The National Agricultural Library does not distribute them, nor does the publisher.

Users who wish to obtain full text for citations should first utilize the resources of their local libraries. For material which is not readily available from other sources, users may request material from the National Agricultural Library. Such requests must include the complete citation as well as the Library's call number. Microfilm or electrostatic copies of documents may be purchased from the Photocopying Service of the National Agricultural Library, U.S. Department of Agriculture, Beltsville, Maryland 20705. Copy charges are:

Microfilms:	$1.00 for each 30 pages or fraction copied from a single article or book
Electrostatic Copies:	$1.00 for each 10 pages or fraction copied from a single article or book.

Payment must accompany the order. Cash, library coupons, check, or money order drawn to the National Agricultural Library, USDA, are acceptable. Payment for orders originating outside the United States should be made by international money order or draft on an American bank, or by UNESCO book coupons. Library coupons, valued at $1.00 each, may be purchased in any quantity from the Library's Photocopying Service.

MAIN ENTRY SECTION

GENERAL AGRICULTURE AND RURAL SOCIOLOGY

081886 S13.A2
Climatic characteristic of year 1969 at Nitra. [Czechoslovakia]. (Slo) Spanik, F *Acta Fytotechnica* 25: 3-13. Eng. Sum. 1972

081887 58.8 AG83
Modular instruction in agricultural engineering. Rehkugler, G E *Agr Eng* 54 (6): 16-17. June 1973

081888 1 EC7AG
Past revisited: living history farms. *Agr Situation (Washington)* P. 2-5. July 1973

081889 19 B855
Control, planning & organization of agricultural research in German Democratic Republic. (Hun) Rubensam, E *Agrartud Kozl* 31 (2): 141-147. 1972

081890 281.8 AG826
Simulation models to project structural change in agriculture. (Ger) De Haen, H *Agrarwirtschaft* 22 (5): 157-173. Ref. Eng. Sum. May 1973

081891 281.8 AG826
Simulation models to project structural change in agricultur e. (Ger) Gruber, J *Agrarwirtschaft* 22 (5): 174-178. Ref. May 1973

081892 281.8 AG835
Biological-economic problems. [Agricultural research]. Martin, J B *Agrekon* 12 (1): 51-52. Jan 1973

081893 281.8 AG835
Application of research results: diffusion, adoption & perception. [Agriculture]. Jacobs, S C *Agrekon* 12 (1): 53-54. Jan 1973

081894 22.5 AJ5
Agriculture in Democratic People's Republic of Korea. (Jap) Kojima, W *Agric Asia* 11 (4): 29-39. Apr 1973

081895 275.8 AG8
Role of – agricultural occupations instructor in placement & follow-up. Walker, R W *Agric Educ* 45 (12): 269-270. June 1973

081896 275.8 AG8
Technical education in agriculture: its progress & problems. Ecker, H *Agric Educ* 45 (12): 273-274. June 1973

081897 275.8 AG8
Innovative instructional materials for vocational agriculture. Patton, B *Agric Educ* 46 (1): 12-13. July 1973

081898 275.8 AG8
Bring chunks of reality into classroom. [Agribusiness, teaching]. Heisner, R W *Agric Educ* 46 (1): 6, 11. July 1973

081899 275.8 AG8
Career education – implications for state supervisory & teacher education staffs. [Agriculture]. Dougan, J E *Agric Educ* 46 (2): 29-30. Aug 1973

081900 275.8 AG8
Leading teachers & teaching leaders. role of agricultural supervisor & teacher educator in career education. McCarty, G *Agric Educ* 46 (2): 39, 42. Aug 1973

081901 275.8 AG8
Better teachers key to better career orientation & occupational education in agricultural mechanization. Stitt, T R *Agric Educ* 46 (2): 41, 46. Aug 1973

081902 275.8 AG8
What every secondary school vocational agriculture student should know about literature of agriculture. Myers, R J *Agric Educ* 46 (2): 44. Aug 1973

081903 275.8 AG8
Library: a key to improved vocational agriculture programs. Brown, M R *Agric Educ* 46 (2): 45-46. Aug 1973

081904 16 AG87
Professional instruction in frame of improving agricultural concerns. (Ita) Pasini, B *Agric Ferrarese* 77 (1/2): 1-3. Jan/Feb 1973

081905 79.9 AG8
Extension problems encountered with integrated control programs. [Orchard pests]. Horsburgh, R L *Agric Pestic Tech Soc Proc* 19Th: 14-15. 1972

081906 22 AG823
Observation on administrative activities & technical knowledge in agriculture of village extension officers (gramsevaks) in Trivandrum District, (Kerala State). Tampi, A M *Agric Res J Kerala* 9 (2): 81-85. Sept 1971 (Pub. Feb 1973)

081907 16 AG8226
Agriculture: Hot point for community integration. (Ita) Natali, L *Agricoltura* 22 (3): 19-21. Mar 1973

081908 16 AG8226
Agriculture within European Economic Community with seven member & with nine member countries; certain data for more representation. (Ita) Lupori, N *Agricoltura* 22 (3): 22-28. Map. Mar 1973

081909 16 AG8226
Progress in its equalization to other sectors of economy. [Agriculture]. (Ita) Turchetti, P *Agricoltura* 22 (3): 33-35. Mar 1973

081910 16 AG8226
Weather & climate for 1972. (Ita) Trevisan, V *Agricoltura* 22 (3): 70-75. Map. Mar 1973

081911 24 AL2
A study of local leadership in an Egyptian village. El-Adly, A E *Alexandria J Agr Res* 20 (1): 1-6. June 1972

081912 24 AL2
A new look at adoption process. [Agricultural technology, rural sociology]. El-Adly, A E *Alexandria J Agr Res* 20 (1): 17-20. June 1972

081913 24 AL2
Relative improtance of various information sources used throughout various stages of adoption process by farmers of Saft El-Houria, Beheira. El-Adly, A E *Alexandria J Agr Res* 20 (1): 7-16. Ref. June 1972

081914 449.9 AM3J
Rural emergency care – problems & prospects. [Vermont]. Waller, J A *Amer J Public Health* 63 (7): 631-634. July 1973

081915 4 C82
Reassessing social sifnificance of landgrant university. Bishop, C E *Ass Southern Agr Workers Proc* 70Th: 5-10. 1973

081916 S11.B43
Business organization & business conduct in relation to family. (Dut) Coolman, F *Bedrijfsontwikkeling* 4 (4): 303-304. Apr 1973

081917 S11.B43
International Agricultural Center in Wageningen. (Dut) Lange, G A de *Bedrijfsontwikkeling* 4 (4): 305-306. Apr 1973

081918 S560.B54
Spirit of competition. [Agriculture]. Player, F *Big Farm Manage* P. 27. May 1973

081919 S560.B54
Let's turn professional. [Agriculture]. Fell, H *Big Farm Manage* P. 4. May 1973

081920 56.8 B52
Farming as a social fulfillment. Koepf, H H *Bio-dynamics* 106: 15-21. Spring 1973

081921 281.9 B832
What farmers are modern? (Fre) Everaet, H *Brussels Inst Econ Agr Cah I E A* 153, 29 P. Ref. Dec 1972

081922 14 P215BC
Growing degradation & reduction of patrimony of habitat & farm buildings in country due to rural exodus: Some palliatives to this situation. (Fre) Quesnel, *C R Seances Acad Agric Fr* 58 (17): 1374-1379. 1972

081923 14 P215BC
Non agricultural used of famers in United States. (Fre) Farcy, R P H de *C R Seances Acad Agric Fr* 58 (18): 1475-1487. Dec 20, 1972

081924 384 C4283
In memory of Justus von Liebig, May 12, 1803-April 18, 1873. [Agricultural chemistry]. (Ger) Kirso, J *Chem Tech (berlin)* 25 (7): 385-386. July 1973

081925 80 C83
Farming as Stubbs saw it. [England]. Taylor, B *Country Life (london)* 153 (3966): 1858-1860. June 28, 1973

081926 280.8 D493
Village community & paddy agriculture in south India. A case study of Abinimangalam village. [Rice]. Nakamura, H *Developing Econ* 10 (2): 141-165. Map. June 1972

081927 SB10.D4
Training farm managers after Dusseldorf model. (Ger) Seitz, P *Dtsch Gartenbauwirtsch (stuttgart)* 4 (8): 154-155. Apr 21, 1973

081928 280.8 EC7323
Rural development in Lebanon. El-jorr, M *Econ Rurale Liban* 42: 73-77. July/-Sept 1972

081929 105.8 G36E
Housing conditions of rural families with children. (Ger) Forche, A *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 374-381. 1972

081930 1 EX892EX
Video tape reinforces learning. [Extension work]. Hatch, J C *Ext Serv Rev* 44 (4): 3. Apr 1973

081931 22 F223
Houses for rural landless. Chattopadhyaya, D P *Farm J (calcutta)* 14 (3): 20-21. Jan 1973

081932 281.8 F2242
Advising farmers in an advanced agriculture. Simantov, A *Farm Policy* 12 (4): 125-129. Mar 1973

081933 57.8 F4123
Agriculture on spaceship earth. Swaminathan, M S *Fert News* 18 (4): 71-86. Ref. Apr 1973

081934 57.8 F4123
Tamil Nadu Agricultural University. [India]. Sundararajan, L *Fert News* 18 (5): 16-18. May 1973

081935 HG41.F5
Contributions of agricultural institutes toward spread of new techonology in agricultural development. [India]. Patil, J S *Financ Agric* 4 (4): 42-45. Jan 1973

081936 281.8 G25
System theory & agriculture. (Hun) Sarkozy, P *Gazdalkodas* 17 (5): 37-45. Eng. Sum. 1973

081937 24 G564
Application of technology in development of agriculture with special reference to Ghana. Agble, W K *Ghana Farmer* 16 (2): 49-55. Ref. Dec 1972

081938 11 H35
Common Market as an aid to modernization of agriculture. (Dan) Ejler, K *Hedeselsk Tidsskr* 94 (4): 64-65. Apr 15, 1973

081939 100 AL1H
Health resources in rural areas. Hardy, W E *Highlights Agr Res (ala Sta)* 20 (2): 11, Map. Summer 1973

081940 100 AL1H
Five decades of change: Alabama population – 1972 – 1970. [Population migration]. Dunkelberger, J E *Highlights Agr Res (ala Sta)* 20 (2): 15, Map. Summer 1973

081941 81 ID12
Farm labor situation. Lepper, L F *Idaho State Hort Soc Trans* 78: 75-79. 1973?

081942 424.8 IM43
Flowering meadows & their significance for agriculture & apiculture. (Ger) Weber, V *Imkerfreund* 27 (7): 250. July 1972

081943 TC805.C6 1972
Impact of irrigation & drainage on rural health & sanitation. Araoz, J de *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 6: c41-C52. 1972

081944 TC805.C6 1972
Binomial schistosomiasis – irrigation technical, economic, cultural, & social problems for sanitary control in an underdeveloped area. Ferreira Filho, J L *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 6: c59-C71. Ref. 1972

081945 HC603.5.S5
Resource use in Australian agriculture. Davidson, B R *In The Natural Resources of Australia* P. 229-243. Map. Ref. 1972

081946 QC997.W38 1971
Organisation of meteorological advice for agriculture & industry. Smith, C V *In Weather Forecasting for Agriculture and Industry* P. 19-33. 1972

081947 49 IN3
Livestock cooperatives. [Cattle]. (Ita) Sovrani, A *Inform Zootec* 20 (7): 11-12. Apr 7, 1973

081948 S9.I83
Agro-meteorological bulletin of Apulia & Basilicata for 1971. (Ita) Rizzo, V *Ist Sper Agron Ann* 2 (3): 559-636. Eng. Sum. 1971 (Pub. 1972)

081949 S9.I83
Agro-meteorological bulletin of Panaro river basin for 1971. (Ita) Boschi, V *Ist Sper Agron Ann* 2 (3): 637-677. Eng. Sum. 1971 (Pub. 1972)

081950 16 IT1
An overview of a regional agriculture: Sardinia. (Ita) Falcomer, G *Ital Agr* 110 (2): 199-224. Map. Feb 1973

081951 16 IT1
Past & future agriculture in service of human society. (Ita) Martirano, G *Ital Agr* 110 (3): 281-285. Mar 1973

081952 16 IT1
Counterpoints on subject & problems of th farmers. [Fairs]. (Ita) Saltini, A *Ital Agr* 110 (3): 303-312. Mar 1973

081953 16 IT1
Family & change in European farmer. (Ita) Schwarz, E *Ital Agr* 110 (3): 334-348. Mar 1973

081954 275.28 J82
Agricultural program aides – why not? [Texas]. Ladewig, H *J Ext* 11 (2): 34-40. Summer 1973

081955 275.28 J82
Agricultural extension in Antioquia, Colombia. Pesson, L *J Ext* 11 (2): 47-48. Summer 1973

081956 Z699.A1I54
Multipurpose cataloging & indexing system (CAIN) at National Agricultural Library. Van Dyke, V J *J Libr Autom* 5 (1): 21-29. Mar 1972

081957 SB951.A1J3
Tobacco experiment station. [Japan]. Okawa, Y *Jap Pestic Inf* 15: 31-34. Apr 1973

081958 281.28 K96
Panchayati Raj in Tamil Nadu. Ramasamy, A S *Kurukshetra* 21 (14): 7-9. Apr 16, 1973

081959 105.2 OR3
Ecology & agriculture. (Dut) Soet, F de *Landbouwkundig Tijdschr* 85 (4): 105-109. Apr 1973

081960 105.2 OR3
Courses at National Agricultural College, Tropical Section, Deventer. (Dut) Sluyters, J A F M *Landbouwkundig Tijdschr* 85 (4): 129-131. Eng. Sum. Apr 1973

081961 18 L49
Problems of biological-dynamic performance in agriculture. (Ger) Heinze, H *Lebendige Erde* 2: 41-44. Mar/Apr 1973

081962 22 M262
A study on effectiveness of extension methods & aids in influencing farmers on adoption of improved farm practices. Subramanyan, V S *Madras Agr J* 60 (3): 200-203. Mar 1973

081963 284.9 M58
Profiles of rural youth: a decade of migration & social mobility. Rieger, J H *Mich Agr Exp Sta Res Rep* 178.23 P. Ref. Jan 1973

081964 107.6 T78
Component structure of peasant economy, agricultural cooperation & rural society in modern changing period. I. (Jap) Uraki, S *Mie Univ Fac Agr Bull* 45: 1-12. Mar 1973

081965 100 C76M
Subsequent employment, income & further education of Vo-Ag [vocational-agriculture] graduates. *Milestones Conn Agr Home Econ* 16 (2): 12-14. Spring-/Summer 1973

081966 18 N39
Luxembourg agricultural marathon. [prices]. (Ger) Leroy, H H *Mitt Deut Landwirt-ges* 88 (22): 624-625. May 31, 1973

081967 S19.M6
Measurement of impact of training on participating farmers. [India]. Rao, M K S *Mod Agric* 3 (1): 17-19. Jan/Feb 1972

081968 S19.M6
Recent research at Institute of Agriculture, Anand. Patel, R M *Mod Agric* 3 (1): 70. Jan/Feb 1972

081969 S19.M6
Gujarat Agro-Industries Corporation renders service to farmers. Khan, H K *Mod Agric* 3 (1): 73-74. Jan/Feb 1972

081970 S19.M6
Preference of village level workers & farmers towards extension teaching methods. Dudhani, C M *Mod Agric* 3 (2): 21-22. Mar/Apr 1972

081971 S19.M6
Activities of Bharativa Agro – Industries Foundation. Marathe, M R *Mod Agric* 3 (2): 23-25. Mar/Par 1972

081972 S19.M6
Agricultural research in Mysore State. Patil, N P *Mod Agric* 3 (2): 43-44. Mar-/Apr 1972

081973 S19.M6
Rural development training in Maysore State. Veerakyathiah, V D *Mod Agric* 3 (2): 64. Mar/Apr 1972

081974 S19.M6
Nagarjunasagar project: Its irrigation & cropping strategy. Venkataratnam, L *Mod Agric* 3 (2): 77-78. Mar/Apr 1972

081975 S19.M6
Scientific multiple cropping. Swaminathan, M S *Mod Agric* 3 (2): 9-12. Mar-/Apr 1972

081976 S19.M6
Trends in French agriculture. Bernard, H *Mod Agric* 3 (3): 19-20. May/June 1972

081977 284.28 N77
Regional development patterns in Nagano Prefecture [Rural community]. (Jap) Yanai, K *Norin Kinyu* 26 (3): 17-27. Mar 1973

081978 284.28 N77
Sterotype of world & Japanese agriculture. (Jap) Tamai, T *Norin Kinyu* 26 (4): 2-11. Apr 1973

081979 11 N813
Norwegian Marsh Society: 70 years. (Nor) Lie, O *Norske Myrselsk Medd* 71 (1): 1-3. Feb 1973

081980 20.5 N86
Factors increasing socioeconomic role of farmers' circles. (Pol) Kolbusz, F *Nowe Roln* 22 (10): 1-3. May 16/31, 1973

081981 20.5 N86
Cooperation between state & private farms. (Pol) Ostrowski, T *Nowe Roln* 22 (9): 17-19. May 1/15, 1973

081982 20.5 N86
Bringing new collective labor contract into practice on a multiple-unit state farm at Kwidzyn – Gorki. (Pol) Kraszewski, K *Nowe Roln* 22 (9): 22-23. May 1/15, 1973

081983 S11.N93
Geological interpretation of crops on farm lands. (Dan) Christensen, L *Nye Dan Landbrug* 4 (6): 13-18. Map. June 1973

081984 S11.N93
Ecology & agriculture. 1. It is solar energy that keeps life cycle in order. (Dan) Madsen, B L *Nye Dan Landbrug* 4 (6): 23-26. June 1973

081985 11 OP4
Report of Oppland Agricultural Society for 1972. (Nor) *Otta* 123 P. 1972

081986 281.9 P21
Peasant environment in confines of Anjou, Poitou & Brittany, 1771-1789. (Fre) Bossis, P *Paris Ec Prat Hautes Etud Vi Sect Sci Econ Soc Etud Rurales* 47: 122-147. Map. July/Sept 1972

081987 281.9 P21
On question of mode of production in Latin America. [Agriculture]. (Fre) Ciafardini, H *Paris Ec Prat Hautes Etud Vi Sect Sci Econ Soc Etud Rurales* 47: 148-162. Ref. July/Sept 1972

081988 281.9 P21
Round table at Casa Velasquez on antique agrarian structures in Seville region: Problematic trial (Madrid, May 18, 1971). (Fre) Chevallier, R *Paris Ec Prat Hautes Etud Vi Sect Sci Econ Soc Etud Rurales* 47: 163-168. July/Sept 1972

081989 281.9 P21
Disorganization of traditional agriculture in Ouarsenis. (Fre) Sari, D *Paris Ec Prat Hautes Etud Vi Sect Sci Econ Soc Etud Rurales* 47: 39-72. Map. July/Sept 1972

081990 281.9 P21
A habitat in development: villages-streets of Adjukru country, Lower Ivory Coast. (Fre) Cauvin, C *Paris Ec Prat Hautes Etud Vi Sect Sci Econ Soc Etud Rurales* 47: 7-38. Map. July/Sept 1972

081991 281.9 P21
Repatriated farmers of North Africa: example of Indre. (Fre) Pilleboune, M *Paris Ec Prat Hautes Etud Vi Sect Sci Econ Soc Etud Rurales* 47: 73-97. July/Sept 1972

081992 281.9 P21
Local climates & speculative crops of northern Haut-Quercy. (Fre) Ginier, J *Paris Ec Prat Hautes Etud Vi Sect Sci Econ Soc Etud Rurales* 47: 98-121. Map. July/Sept 1972

081993 81 W524
Woman's new place on farm. Heuser, L *Proc Annu Conv Natl Peach Counc* 32D: 114-119. 1973

081994 81 W524
What is in future for National Peach Council. Phillips, R K *Proc Annu Conv Natl Peach Counc* 32D: 24-29. 1973

081995 S19.P7
Role of Royal Agricultural-Horticultural Society in development of agriculture & horticulture in India. Bose, T K *Progr Farming* 9 (8): 20-21. Apr 1973

081996 100 N27N
Summer jobs in ag careers. [Agronomy]. Anderson, W A *Q Serv Farm Ranch & Home Univ Nebr, Coll Agric* 22 (2): 11. Summer 1973

081997 22.5 N687
Discrepancies in number between persons engaged in agriculture & active agricultural population. (Jap) Namiki, M *Quart J Agr Econ* 27 (2): 193-205. Apr 1973

081998 100 OK4M
1973 north Central Research Station progress report. *Res Rep P Agric Exp Stn Okla State Univ* 684, 37 P., Map. May 1973

081999 26 AG82
Progress in German-Egyptian cooperation in control of bilharziasis. [Schistosoma haematobium, rural communities]. (Ita) Luciani, V *Riv Agr Subtrop Trop* 66 (4/9): 139-143. Map. Eng. Sum. Apr/Sept 1972

082000 281.8 R523
American agriculture & an uncertainty. (Ita) Breth, F E *Riv Polit Agr* (New Ser. 8) 19 (4): 13-20. Dec 1972

082001 281.8 R523
Aspects of rural-urban relations in area of etna. (Ita) Bellia, F *Riv Polit Agr* (New Ser. 8) 19 (4): 45-52. Dec 1972

082002 281.8 R523
Agricultrue & policies in Great Britain. (Ita) Harrison, A *Riv Polit Agr* (New Ser. 8): 19 (4): 21-29. Dec 1972

082003 281.28 R88
Regional variations in educational plans of rural youth: Norway, Germany & United States. Schwarzweller, H K *Rural Sociol* 38 (2): 139-158. Ref. Summer 1973

082004 281.28 R88
Canonical analysis of farm staisfaction data. Bharadwaj, L K *Rural Sociol* 38 (2): 159-173. Ref. Summer 1973

082005 281.28 R88
Determinants of level of living in rural Puerto Rico. Belcher, J C *Rural Sociol* 38 (2): 187-195. Summer 1973

082006 281.28 R88
Amish agriculture: adaptive strategies for economic survival of community life. [U.S.]. Stoltzfus, V *Rural Sociol* 38 (2): 196-206. Ref. Summer 1973

082007 281.28 R88
Rural-urban differences in distribution of birth orders. Veevers, J E *Rural Sociol* 38 (2): 219-227. Ref. Summer 1973

082008 281.28 R88
Rural sociological society: a membership profile. Field, D R *Rural Sociol* 38 (2): 228-236. Summer 1973

082009 21 P75
Agricultural production in zone of Danube; water retention caused by power plant Djerdap in period 1968 – 1971. [Groundwater, Yugoslavia]. (Cro) Tosovic, S *Savremena Poljoprivreda* 20 (11/12): 75-82. Eng. Sum. 1972

082010 470 SCI2
Objectives of agricultural research. Upchurch, M L *Science* 181 (4096): 216-217, 219-220. July 20, 1973

082011 281.29 SO12
Peasant society & development in Ethiopia. Pausewang, S *Sociol Ruralis* 13 (2): 172-193. Ref. 1973

082012 281.29 SO12
Farmer an entreprenuer personality. Sachs, R E G *Sociol Ruralis* 13 (2): 194-214. Ref. 1973

082013 HT401.S6
Households without youth in mountaineous rural Yugoslavia. (Cro) Markovic, P *Sociol Sela* 10 (3/4): 105-112. July/Dec 1972

082014 HT401.S6
Ageing of rural population – causes & effects. [Yugoslavia]. (Cro) Petrovic, R *Sociol Sela* 10 (3/4): 15-25. Eng. Sum. July/Dec 1972

082015 HT401.S6
Relation of young & old – 'peace time'. [Rural communities]. (Cro) Erlich, V S *Sociol Sela* 10 (3/4): 26-36. Eng. Sum. July/Dec 1972

082016 HT401.S6
Social welfare & needs of old people in Croatian rural districts. (Cro) Smolic-Krkovic, N *Sociol Sela* 10 (3/4): 37-49. Eng. Sum. July/Dec 1972

082017 HT401.S6
Yugoslav community & old peasants. [Rural]. (Cro) Livada, S *Sociol Sela* 10 (3/4): 5-14. Eng. Sum. July/Dec 1972

082018 HT401.S6
A theoretical approach to empirical study of old agricultural households in Yugoslva rural districts. (Cro) Duric, V *Sociol Sela* 10 (3/4): 50-65. Ref. Eng. Sum. July/Dec 1972

082019 HT401.S6
Old age & social work in rural areas. [Yugoslavia]. (Cro) Manojlovic, P *Sociol Sela* 10 (3/4): 66-75. Eng. Sum. July/Dec 1972

082020 HT401.S6
Certain characteristics of social position of old people in rural areas. [Yugoslavia]. (Cro) Ljubisa, M R *Sociol Sela* 10 (3/4): 76-86. Ref. Eng. Sum. July/Dec 1972

082021 HT401.S6
Households without youth in plain rural Yugoslavia. (Cro) Markovic, P *Sociol Sela* 10 (3/4): 88-98. July/Dec 1972

082022 HT401.S6
Aged households in rural development of Adriatic region. (Cro) Defilippis, J *Sociol Sela* 10 (3/4): 99-104. July/Dec 1972

082023 464.8 SP2
A UK [United Kingdom] Centre for European agricultural studies. [Wye College]. Darling, H S *SPan (shell Publ Health Agr News)* 16 (1): 16. 1973

082024 HD1975.A6T4
Aspects of agriculture of Bari. (Ita) Polito, G *Terra Pugliese* 22 (2/3): 17-33. Feb/Mar 1973

082025 HD1975.A6T4
Aspects of agriculture in Brindisi. (Ita) Perulli, P *Terra Pugliese* 22 (2/3): 35-55. Feb/Mar 1973

082026 11 T43
Measuring standard of living of independent farmer; experiences from Danish research. (Dan) Mogensen, V *Tidsskr Landokon* 160 (2): 116-119, 121-129. Ref. 1973

082027 1 AG84AB
Health services in rural America. Matthews, T H *U S D A Agric Inf Bull* 362, 40 P. Ref. July 1973

082028 99.8 W145
Genetic-biological basis & objective research as elements of modern ecology. [Agriculture, forestry]. (Ger) Breider, H *Waldhygiene* 9 (5/8): 141-147. 1972

082029 281.8 W892
Mining & agriculture. Development or disappearance? case of Liberia. Heseltine, N *World Crops* 25 (3): 128-131. Map. May/June 1973

082030 281.8 W892
A pattern of agricultural change in Ethiopia. Yeates, M *World Crops* 25 (3): 141-144. Maps. May/June 1973

GENERAL AGRICULTURAL ECONOMICS AND LAND ECONOMICS

082031 280.8 AG82
Contract farming. (Ger) Prosoroff, G *Agr Rundsch* 3: 8-9. June 1973

082032 281.9 AG862M
Division of agricultural zones. (Ger) Roos, H J *Agrarsoz Ges Materialsamml* 110, 46 P. Ref. Mar 1973

082033 281.8 AG835
An evaluation of agricultural economic research. Hattingh, H S *Agrekon* 12 (1): 14-19. Jan 1973

082034 281.8 AG835
Data problems in agricultural economic research. Nieuwoudt, W L *Agrekon* 12 (1): 20-26. Ref. Jan 1973

082035 281.8 AG835
Institutional aspects associated with agricultural economic research. Behrmann, H I *Agrekon* 12 (1): 27-32. Ref. Jan 1973

082036 281.8 AG835
Agricultural economist & inter-disciplinary research. Brand, S S *Agrekon* 12 (1): 33-37. Ref. Jan 1973

082037 281.8 AG835
Models in agricultural economic research. Spies, P H *Agrekon* 12 (1): 38-43. Ref. Jan 1973

082038 281.8 AG835
Modern requirements for agricultural economic research. Groenwald, J A *Agrekon* 12 (1): 4-13. Ref. Jan 1973

082039 281.8 AG835
A few personal thoughts. [Agricultural economic]. Tomlinson, F R *Agrekon* 12 (1): 44-48. Ref. Jan 1973

082040 S9.A3
Agriculture & economic growth. (Ita) Albertario, P *Agric Bergamasca* 24 (5): 10-12. May 1973

082041 S1.A29
New fiscal problems for farmers. (Fre) Bernard, L A *Agric Prog* 5 (4): 5. May 1973

082042 16 AG8226
Agriculture & tourism. (Ita) Gazzani, D *Agricoltura* 22 (3): 55-69. Map. Mar 1973

082043 SB183.A7
Bibliography on arid & semi-arid zones of Argentine Republic. (Spa) Tuya, O H *Bibl Min Agric Ganad Inst Nac Tecnol Agropecu Estac Exp Reg Agropecu Anguil, Ser Bibliogr* 2, 16 P. Jan 1972

082044 14 C112
From subsistance to exchange economy in frame of Madagascar. [Agriculture]. (Fre) Laulanie, H de *Cah Ingen Agron* 275: 19-26. Apr 1973

082045 80 C83
Tenanted farmland in demand [Great britain]. Hanson, M *Country Life (london)* 153 (3966): 1915. June 28, 1973

082046 280.8 D493
Land tenure system of Malay Padi farmers. A case study of Kampong Sungei Bujor in state of Kedah. [Rice]. Horii, K *Developing Econ* 10 (1): 45-73. Mar 1973

082047 280.8 D493
Village society in prerevolutionary China. I. Characteristics of village & Gemeinschaft in traditional China. [Land reforms]. Furushima, K *Developing Econ* 10 (3): 215-232. Ref. Sept 1972

082048 280.8 D493
Historical background of agricultural land reform in Japan. Takigawa, T *Developing Econ* 10 (3): 290-310. Ref. Sept 1972

082049 105.8 G36E
Possibilities of extensive land utilization & landscape architecture. (Ger) Spitzer, H *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 38-57. Ref. 1972

082050 1 EX892EX
MIDNY [Mid-New York] – experiment in cooperation. [Community development]. Anderson, M G *Ext Serv Rev* 44 (4): 14-15. Apr 1973

082051 282.8 R88
Role of real estate brokers in marketing Illinois farmland. Herr, W M *Farm & Land Realtor* 25 (5): 1, 3-5. May 1973

082052 281.8 F2242
Keeping farm in family. Longworth, J W *Farm Policy* 12 (4): 111-117. Mar 1973

082053 19 F75
Significance of area arrangement & area planning for location & income rates in agriculture & forestry. [Austria]. (Ger) Schmittner, F *Forderungsdienst* 21 (1): 11-18. Jan 1973

082054 99.8 R474
On theory of differential land rent. 1. (Jap) Ofhuchi, S *Forest Econ* 26 (4): 8-18. Apr 1973

082055 281.8 R522
Value in changing lands for construction & complementary value. (Ita) Bruschi, E *Genio Rurale* 35 (11): 23-27. Ref. Nov 1972

082056 HC603.5.S5
Land policy, land use & rural development. Sinden, J A *In The Natural Resources of Australia* P. 273-285. Ref. 1972

082057 281.8 IN2
Growth linkages of new foodgrain technologies. Mellor, J W *Indian J Agr Econ* 28 (1): 35-55. Ref. Jan/Mar 1973

082058 TD172.E55
Development of environmental indices: outdoor recreational resources & land use shift. Pikul, R P *Indic Environ Qual* 1: 147-172. Ref. 1971 (Pub. 1972)

082059 281.8 IN82
Disguised unemployment-an over-all review. [Agriculture]. Rizvi, S M H *Int J Agr Aff* 5 (6): 430-457. Ref. Mar 1973

082060 HD1987.L34
Economic aspects of labor saving equipment. [Horticulture]. (Dut) Groenewegen, C A M *Landbouw-Econ Inst Afd Tuinbouw (publ)* 4.57, 44 P. Feb 1973

082061 11 L234
Are sparsely settled areas condemned? [Land use]. (Swe) Kumm, K I *Lantmannen* 84 (10): 35-37. May 25, 1973

082062 49 L758
Land availability is key to beef expansion. [United States]. Absalom, H *Livestock Breeder J* 16 (7): 102-134. Map. (32 P. Not Consecutive) July 1973

082063 SB375.M32
Agro-economic studies on intercropping in pineapple. Lee, S A *Malay Pineapple Ind Board Malays Pineapple* 2: 23-32. 1972

082064 S537.M3A24
Application of EROS [Earth Resources Observation System] data to Arid region. [Land classification]. *Max C Fleischmann Coll Agric R* 91, 43 P., Map. Aug 1972

082065 60.19 N48
Land use problems & progress in Southland. Meade, G A *New Zeal Grassland Ass Proc* 34Th: 30-36. 1973

082066 290.9 AG8
Studies on method for deciding substitute farm land. III. Establishing method for deciding substitute lots in grouping of paddy-fields. (Jap) Satoh, Y *Nogyo Doboku Gakkai Trans* 43: 59-63. Eng. Sum. Jan 1973

082067 284.28 N77
Regional development & land utilization plans. (Jap) Tamaki, T *Norin Kinyu* 26 (3): 2-8. Mar 1973

082068 11 N813
Use of peat land in Finland. (Swe) Kivinen, E *Norske Myrselsk Medd* 71 (1): 27-29. Feb 1973

082069 85 J76
Existing results of land clearing in European Economic Community & in German Federal Republic. (Ger) Pezold, R *Obstbauversuchsring Alten Landes Mitt* 28 (3): 77-78. Mar 1973

082070 81 OR32
Economics of horticultural production & marketing in northwest. [Unites States]. Greig, W S *Oreg Hort Soc (proc)* 64: 139, 141-145, 147-149. Ref. 1973

082071 25 P542
Agricultural land reform in Philippines: economic aspects. Sandoval, P R *Philippine Agr* 55 (9/10): 337-443. Map. Ref. Feb/Mar 1972

082072 22.5 N687
Changing distribution of number of farms by size, by region, 1960 – 1970. (Jap) Shimizu, R *Quart J Agr Econ* 27 (2): 137-191. Apr 1973

082073 281.8 R523
Selling of land & economic growth. (Ita) Di Sandro, G *Riv Polit Agr* (New Ser. 8) 19 (4): 31-43. Ref. Dec 1972

082074 281.29 SO12
Nature & change of peasant ecocnomies. Shanin, T *Sociol Ruralis* 13 (2): 141-171. Ref. 1973

082075 1.6 SO3S
Land use: past & present. Grant, K E *Soil Conserv* 38 (10): 211-213, 219. May 1973

082076 1.6 SO3S
Look at land first. [Land use]. Berg, N A *Soil Conserv* 38 (10): 214-215. May 1973

082077 1.6 SO3S
Land use planning hits home. *Soil Conserv* 38 (10): 224-226. May 1973

082078 281.9 C434B
An experiment in identification of agricultural regions in Tohoku, with differences in land characteristics using production cost data of rice crop. (Jap) Suzuki, F *Tokyo Nat Inst Agr Sci Bull Ser H (farm Manage Land Util)* 45: 1-37. Ref. Eng. Sum. Mar 1973

082079 SB111.A2T72
75 Years of education of international agricultural economics at Witzenhausen. (Ger) Schmaltz, O *Tropenlandwirt* 74: 5-7. Apr 1973

082080 16 V59
Settlement & organization in agriculture. (Ita) Antonietti, A *Verona Accad Agr Sci Lett Atti Mem* (Ser. 6) 22: 129-137. Eng. Sum. 1972

082081 S605.A1Z4
Amelioration & regional planning in rural areas. (Ger) Heinrich, K *Z Kulturtech Flurbereinig* 14 (3): 204-208. Map. May/-June 1973

AGRICULTURAL ADMINISTRATION AND MANAGEMENT

082082 281.9 N632
To some questions of labour rationalization at spraying grapevine against downy mildew. [Peronospora]. (Slo) Pekarik, S *Acta Oper-Oecon* 24: 14-23. Eng. Sum. 1972

082083 281.9 N632
To problems how to improve material stimulation in enterprises. I. Propostiion for collective farms which begin with improving management within their enterprise. (Slo) Kalavsky, M *Acta Oper-Oecon* 24: 25-39. Eng. Sum. 1972

082084 281.9 N632
To problems how to compute gross profit in agricultural enterprises from point of view of accounting time differentiation of wages & rewards. (Slo) Kalavsky, M *Acta Oper-Oecon* 24: 41-50. Eng. Sum. 1972

082085 281.9 N632
To some questions of technical & economic evaluation of sugar beet gathering technology. (Slo) Vaskovsky, P *Acta Oper-Oecon* 24: 51-62. Eng. Sum. 1972

082086 281.9 N632
To question how to take labor difficulty into consideration when establishing labour standards in animal production. (Slo) Visnovsky, J *Acta Oper-Oecon* 24: 83-88. Eng. Sum. 1972

082087 281.9 N632
Contribution to rationalization of cow feeding labor operations. (Slo) Repka, I *Acta Oper-Oecon* 24: 89-101. Eng. Sum. 1972

082088 280.8 AG82
Cooperation in rural area: producer's associations-cooperatives a real contrast? (Ger) Korner, N *Agr Rundsch* 3: 12-15. June 1973

082089 1 EC7AG
Pick-your-own pays. [Fruit, vegetables]. *Agr Situation (Washington)* P. 6. July 1973

082090 281.9 AG862M
Organization & use of substitute labor in farms & households. (Ger) Lienau, E *Agrarsoz Ges Materialsamml* 107, 71 P. Feb 1972

082091 19 B855
Farm management aspects of complex soil melioration. (Hun) Buzdor, A *Agrartud Kozl* 31 (2): 205-215. 1972

082092 281.8 AG826
Econometric analysis of structural changes for agricultural labour force. (Ger) Muller, G P *Agrarwirtschaft* 22 (5): 178-189. Ref. Eng. Sum. Mar 1973

082093 281.8 AG826
Econometric analysis of structural changes for agricultural labour force. (Ger) Wolffram, R *Agrarwirtschaft* 22 (5): 189-192. May 1973

082094 275.8 AG8
A farm management game for high school students – or have fun & learn at same time. Osburn, D D *Agric Educ* 46 (1): 7-8. July 1973

082095 16 AG87
Livestock industry of Ferrara & its outlook for development with particular reference to technical aspects. [Cattle, farms, management]. (Ita) Castagnoli, T *Agric Ferrarese* 77 (1/2): 4-24. Jan/Feb 1973

082096 22.5 N682
Retrospect & prospect on farming in high altitude cool regions. (Jap) Yajima, Y *Agric Hortic* 48 (5): 6-10. Ref. May 1973

082097 22 AG823
Farm size & resource use relationship of paddy farms in Kerala. [Rice]. Prabhakaran, P V *Agric Res J Kerala* 9 (2): 76-80. Sept 1971 (Pub. Feb 1973)

082098 15 AG84
Agricultural enterprise before its future. III. enterprise as an incorporated agricultural company. (Spa) Soldevilla, A D *Agric Rev Agropecu* 42 (492): 196-199. Apr 1973

082099 49 C43
Present conditions & direction of swine raising in Japan. 2. (Jap) Yamamoto, K *Anim Husb (tokyo)* 27 (5): 3-6. May 1973

082100 49 C43
Systematization & practice in swine raising. 1. (Jap) Imura, K *Anim Husb (tokyo)* 27 (6): 43-47. June 1973

082101 S7.A755
Simplified method for linear & quadratic regression calculation. [Agriculture]. (Ger) Barov, V *Arch Acker Pflanz Bodenkd* 17 (2): 99-109. Eng. Sum. 1973

082102 49 AR22
Cattle farm planting on pasture management. (Spa) Rodriguez Alcaide, J J *Arch Zootec* 22 (85): 51-60. 1973

082103 281.9 AU73
Some aspects of diversification of production in pastoral zone of Australian sheep industry. McKay, L E *Australia Bur Agr Econ Quart Rev Agr Econ* 26 (2): 140-148. Ref. Apr 1973

082104 16 AV9
Importance of farm accounting for farm management. (Ita) Bosis, A *Avvenire Agr* 81 (1): 4-9. Jan 1973

082105 SF191.K4
Dairy – official production records & their use. Troutman, E C *ASC Dep Anim Sci Univ Ky Coop Ext Serv* 18, 2 P. Nov 1972

082106 S11.B43
Farming sideline. [Rural recreation]. (Dut) Huisman, J *Bedrijfsontwikkeling* 4 (4): 301-302. Apr 1973

082107 S560.B54
Farm labour, crucial factor. Wormell, P *Big Farm Manage* P. 43-45. May 1973

082108 S560.B54
Can PACRA [problem analyse criteria restrictions alternatives] help you decide? Butterworth, B *Big Farm Manage* P. 48. May 1973

082109 44.8 B98
Dairy farm expansion. A planning experience. *Butter-fat* 51 (3): 2-7. May/-June 1973

082110 281.9 C332
Importance & role of services in agriculture. (Cze) Jiricka, M *Cesk Akad Zemed Ustav Vedeckotech Inform Zemed Ekon* 19 (2): 99-103. Feb 1973

082111 44.8 C12
Estate planning & agri-businessman. Bowler, R R *Dairyman (Paramount)* 53 (7): 16. July 1973

082112 412.628 D23
Electronic data handling – bookkeeping. [Minks]. (Dan) Olsen, H *Dansk Pelsdyravl* 36 (5): 198-200. May 20, 1973

082113 280.29 N216
National Cooperative Council for Agriculture & Horticulture; annual report, 1972. (Dut) *Den Haag* 43 P. 1972

082114 49 B462
Thanks to dynamism of union of France-Agnelle sheep producer groups, breeds of Massif Central are spurred on. (Fre) Ducrot, D *Elevage* 19: 88-90, 92. June 1973

082115 105.8 G36E
Management education in agriculture. (Ger) Zu Solms-Lich, H O *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 291-297. Ref. 1972

082116 105.8 G36E
Studies on development & profitability of 'Farm tourism'. (Ger) Watz, B *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 362-373. 1972

082117 1 EX892EX
Dairy cooperative boosts area's income. Kotter, C M *Ext Serv Rev* 44 (4): 4-59 Apr 1973

082118 HD9016.I4F3
Multiple cropping, a powerful weapon to win war of famine. Purushothaman, S *Farm Fact* 7 (6): 6-7. Apr 1973

082119 22 F223
A measure of human labour consumption of high yielding variety of paddy. [Rice]. Sain, K *Farm J (calcutta)* 24 (4/5): 13-15. Feb/Mar 1973

082120 S560.F37
Farm office organisation. Brown, D *Farm Manage (kenilworth Engl)* 2 (5): 217-224. Spring 1973

082121 S560.F37
Accounting for VAT. [Valued Added Tax]. Dancey, R J *Farm Manage (kenilworth Engl)* 2 (5): 229-244. Spring 1973

082122 S560.F37
Towards an understanding of agricultural change. Greasby, D J *Farm Manage (kenilworth Engl)* 2 (5): 254-260. Ref. Spring 1973

082123 S560.F37
Budgetry control – review & reconstruction. Blackie, M J *Farm Manage (kenilworth Engl)* 2 (5): 261-271. Ref. Spring 1973

082124 18 W763
Amelioration cooperative 'Elbaue' Neuhaus, supports affiliated farms in further socialist intensification of crop farming. (Ger) Schroder, M *Feldwirtschaft* 14 (6): 259-260. June 1973

082125 HG41.F5
Long term cooperative credit in Gujarat; a note on regional distribution. Jodha, N S *Financ Agric* 4 (4): 35-37. Jan 1973

082126 HG41.F5
Contributions of agricultural institutes toward spread of new techonology in agricultural development. [India]. Patil, J S *Financ Agric* 4 (4): 42-45. Jan 1973

082127 HG41.F5
Farm size & productivity relationship – new trends. Grewal, S S *Financ Agric* 4 (4): 47-48. Jan 1973

082128 HG41.F5
Agricultural reforms & support from institutional financing agencies. Sivaraman, B *Financ Agric* 4 (4): 7-11. Jan 1973

082129 50.8 F622
Experiences & prudent work of Zerbst 'Meat Swine' cooperative union. (Ger) Ludwig, J *Fleisch* 27 (5): 88. May 1973

082130 281.8 G25
Analysis of process organization through work day measurement & graphic demonstration. (Hun) Varga, I *Gazdalkodas* 17 (4): 57-61. Eng. Sum. 1973

082131 281.8 G25
Changes in types of household plots. (Hun) Juhasz, J *Gazdalkodas* 17 (5): 15-26. Eng. Sum. 1973

082132 281.8 G25
Present state of large-scale fruit production & certain problems of its extension in cooperative farms. [Hungary]. (Hun) Redai, I *Gazdalkodas* 17 (5): 27-36. Eng. Sum. 1973

082133 QC997.W38 1971
Meteorological forecasting & agricultural management. Duckham, A N *In Weather Forecasting for Agriculture and Industry* P. 56-68. Ref. 1972

082134 281.8 IN2
Unemployment in India. Krishna, R *Indian J Agr Econ* 28 (1): 1-23. Ref. Jan/-Mar 1973

082135 281.8 IN2
Production patterns. [Farm management]. Johl, S S *Indian J Agr Econ* 28 (1): 26-28. Jan/Mar 1973

082136 281.8 IN2
Rural unemployment. Visaria, P *Indian J Agr Econ* 28 (1): 28-34. Jan/Mar 1973

082137 281.8 IN2
Economics of resource use on sample farms of central Gujarat. Desai, B M *Indian J Agr Econ* 28 (1): 71-85. Jan/Mar 1973

082138 49 IN3
Livestock hill farming. (Ita) Muccinelli, M *Inform Zootec* 20 (3): 5-6. Feb 7, 1973

082139 44.8 C866
Increasing efficiency in milk assembly. [Costs]. O'Dwyer, T *Irish Agr Creamery Rev* 26 (3): 7-10, 13-18. Mar 1973

082140 16 IT1
Ancient methods in arid farming & cultivation of deserts in Israel. (Ita) Jona, R *Ital Agr* 110 (2): 185-198. Map. Feb 1973

082141 16 IT1
Systems of farm management, economic growth, & international exchange. (Ita) De Fabritiis, C *Ital Agr* 110 (3): 286-302. Mar 1973

082142 S671.J62
Human energy requirements of selected farm operations. Singh, H *J Agric Eng* 9 (3): 44-52. Ref. Sept 1972

082143 44.8 J822
Immediate effects of changing herd size upon milk production & other diary herd improvement measures of management. Brown, C A *J Dairy Sci* 56 (6): 799-804. Ref. June 1973

082144 389.8 K13
Recent trends & problems in pineapple culture. [Management, costs]. (Jap) Konjin, M *Kanzume Jiho* 52 (4): 18-21. Apr 1973

082145 SB13.K45
Tendencies of working place migration by young horticulturists as shown by a survey. (Hun) Tiba, I *Kertgazdasag* 4 (4): 69-78. Eng. Sum. 1972

082146 HD1491.G3K6
Scientific organization of work & socialist intensification in plant production. (Ger) Krupper, H *Kooperation* 7 (5): 197-198. May 1973

082147 HD1491.G3K6
How permanent availability of agricultural equipment is secured. (Ger) Hergl, E *Kooperation* 7 (5): 202-205. May 1973

082148 100 L935
A computerized application of ' warehousing model' to farm supply store operations. Mire, R *La Agr Exp Sta Dae Res Rep* 448, 72 P. Ref. Nov 1972

082149 11 L234
Business guide – new ways of thinking in business management. (Swe) Ohlmer, A B *Lantmannen* 84 (9): 21-22. May 11, 1973

082150 281.9 L233L
Achievements of local agricultural organizations. (Nor) Iversen, B *LS-Meld (landbrukets Santforb)* 2: 57-61. Apr 1973

082151 22 M262
Impact of socio-economic factors on adoption of improved farm practices. Subramanyan, V S *Madras Agr J* 60 (3): 187-191. Mar 1973

082152 22 M262
A study on effectiveness of extension methods & aids in influencing farmers on adoption of improved farm practices. Subramanyan, V S *Madras Agr J* 60 (3): 200-203. Mar 1973

082153 18 N39
Control of agricultural operations. (Ger) Vollrath, P *Mitt Deut Landwirt-ges* 88 (22): 625-626. May 31, 1973

082154 18 N39
Minimum requirement for management control in farm enterprise. (Ger) Neumann, H *Mitt Deut Landwirt-ges* 88 (25): 708-709. June 21, 1973

082155 S19.M6
Management of agricultural programmes in Mysore State. Kulkarny, H L *Mod Agric* 3 (2): 41-42. Mar/Apr 1972

082156 281.9 N27
Feeder-pig farrowing firms: how they work. Lytle, P W *Nebr Univ Coll Agric Dep Agric Econ Rep* 61, 13 P. Mar 1973

082157 60.19 N48
Farming in Southland. Rankin, A R *New Zeal Grassland Ass Proc* 34Th: 17-23. 1973

082158 60.19 N48
Intensive farming in Te Anau Basin. Paterson, J H *New Zeal Grassland Ass Proc* 34Th: 57-62. 1973

082159 284.28 N77
Coping with regional development by agricultural cooperative : a case report from Iwate Prefecture. (Jap) Yoshino, S *Norin Kinyu* 26 (3): 9-16. Mar 1973

082160 284.28 N77
Operational crisis confronted by local agricultural cooperatives: case study on Miyada Cooperative in Nagano Prefecture. (Jap) Hiroi, R *Norin Kinyu* 26 (4): 12-25. Apr 1973

082161 11 N8122
Operational bookkeeping – a necessary foundation for analysis & planning in agriculture. (Nor) Kvaal, C *Norsk Landbruk* 9: 12-13, 29. May 10, 1973

082162 20.5 N86
Participation of farmers' circle in organization of agricultural production. (Pol) Podgorny, E *Nowe Roln* 22 (10): 3-5. May 16/31, 1973

082163 20.5 N86
Main trends in development of state farms. (Pol) Gawlowsi, K *Nowe Roln* 22 (9): 1-4. May 1/15, 1973

082164 20.5 N86
Two-shift work in animal husbandry. (Pol) Majewski, J A *Nowe Roln* 22 (9): 14-15. May 1/15, 1973

082165 20.5 N86
A new form of organization & management of horticulture production on state farms in Lubin province. (Pol) Cierniak, A *Nowe Roln* 22 (9): 15-17. May 1/15, 1973

082166 20.5 N86
Integration of production effects & social conditions on state farms in Poznan province. (Pol) Kowalski, T *Nowe Roln* 22 (9): 20-22. May 1/15, 1973

082167 20.5 N86
Methods of intensification of livestock production on state farms. (Pol) Heigelmann, J *Nowe Roln* 22 (9): 7-8. May 1/15, 1973

082168 14 R323
Breeder: His responsibilities, his constraints & his income. [Livestock]. (Fre) Valaye, G *Paysans* 16 (92): 8-15. Apr/May 1972

082169 19.5 P752
A contribution to determination of economically most suitable state & structure of machine & tractor fleet during work peaks. [Costs]. (Cze) Burian, O *Pol'nohospodarstvo* 19 (2): 153-161. Eng. Sum. 1973

082170 SF481.P64
Record keeping, its importance in improving production. [Poultry farm management]. Singh, H V *Poult Guide* 10 (3): 19-23. Mar 1973

082171 SF481.P64
Barometer of past & present. [Poultry farming]. Khan, S A *Poult Guide* 10 (3): 66-68. Mar 1973

082172 21 R862
Considerations concerning economic administration in vegetal production farms from Agricultural Cooperative 'Inainte' from Poiana Mare, Dolj district. (Rum) Citu, D *Probl Agr (bucharest)* 25 (2): 42-48. Feb 1973

082173 49 P945
Routine work in animal production. II. Care & feeding in dairy cows. (Ita) Matassino, D *Prod Anim* 11 (1): 7-106. Ref. Eng. Sum. Mar 1972

082174 100 N27N
Buying, feeding, selling: how small cattle feeders are doing it. Wellman, A C *Q Serv Farm Ranch & Home Univ Nebr, Coll Agric* 22 (2): 18-19. Summer 1973

082175 100 N27N
Who owns Nebraska's farms? [Management]. Frey, T L *Q Serv Farm Ranch & Home Univ Nebr, Coll Agric* 22 (2): 8-10. Summer 1973

082176 22.5 N687
Note on regional planning of livestock production. (Jap) Sakurai, M *Quart J Agr Econ* 27 (2): 207-229. Apr 1973

082177 22.5 N687
Recent changes in demand & supply of hired farm laborers: a case study in Tokachi, Hokkaido. (Jap) Muramatu, K *Quart J Agr Econ* 27 (2): 89-136. Ref. Apr 1973

082178 100 SO8T
Projections of farm numbers & sizes in South Carolina through 1995. Meadows, T C *S C Agr Exp Sta Tech Bull* 1046, 19 P. Ref. Apr 1973

082179 21 P75
Dynamics of wheat production on socially owned farms in Yugoslavia. (Cro) Vujanic, N *Savremena Poljoprivreda* 20 (10): 81-93. 1972

082180 17 SCH93
Rural family farm & social policy. (Ger) Zwingli, W *Schweiz Landwirt Monatsh* 51 (4): 141-150. Apr 1973

082181 80 SCH9
Conditions of farm & labor management in German Swis s strawberry culture. (Ger) Stahli, H R *Schweiz Z Obst Weinbau* 109 (6): 143-151. Mar 17, 1973

082182 S13.S55
A method of agroeconomic evaluation of crop rotation. [Farm management, grain]. (Rus) Khlebov, P I *Sib Vestn S-kh Nauk* 2: 21-24. Mar/Apr 1973

082183 HD1940.C95S82
Use of mathematic methods in livestock production, planning & management (Review). (Cze) Hirs, J *Stud Inf Zemed Ekon* 5, 59 P. Ref. Eng. Sum. 1972

082184 49 T445
Cooperative enterprise form in dairy cattle farming. (Ger) Reisch, E *Tierzuchter* 25 (5): 200-202. May 5, 1973

082185 281.9 C434B
A direction of husbandry development & corresponding measure of farm management in West Germany: extensive organisation, intensive management. (Jap) Kawanami, G *Tokyo Nat Inst Agr Sci Bull Ser H (farm Manage Land Util)* 45: 39-76. Eng. Sum. Mar 1973

082186 aHD9483.U5U5
Farmer cooperatives in fertilizer business. Mather, J W *U S D A Econ Res Serv Fert Situation FS* 3: 29-34. Dec 1972

082187 A280.29 F22I
Legal phases of farmer cooperatives: sample legal documents. *U S Farmer Coop Serv Inform* 66, Rev., 45 P. Apr 1972

082188 16 V59
Agricultural management within limits of regions. (Ita) Antonietti, A *Verona Accad Agr Sci Lett Atti Mem* (Ser. 6) 22: 99-122. Eng. Sum. 1972

082189 95.8 W73
On operational machine supplies in viticulture by means of machine syndicates. (Ger) Schon, E *Winzer* 29 (3): 57-59. Mar 1973

082190 95.8 W73
Cost instruction as a basis for farm planning in viticulture. V. (Ger) Maxa, R *Winzer* 29 (5): 117-118. May 1973

082191 49 Z6
Inter-farm specialization in cattle raising industry of Uzbekistan. (Rus) Mallabaev, T S *Zhivotnovodstvo* 5: 12-14. May 1973

AGRICULTURAL PRODUCTION COSTS AND RETURNS

082192 1 EC7AG
Income increases. [Farmers]. *Agr Situation (Washington)* P. 8-9. July 1973

082193 S19.A32
Resource productivity in Mexican & indigenous wheat – a comparative study. Singh, S B *Agric Agro-ind J* 6 (4): 14-17. Apr 1973

082194 S9.A3
Added value tax in agriculture. (Ita) Pitzalis, E *Agric Bergamasca* 24 (4): 17-23. Ref. Apr 1973

082195 22.5 N682
Survey of outstanding citrus orchards. 5. [Production costs]. (Jap) Takahashi, I *Agric Hortic* 48 (5): 33-36. May 1973

082196 389.78 AL4
Production of veal from calves in southern Italy. [Costs, returns]. (Ita) Cembalo, A *Aliment Anim* 16 (6): 17-32. Eng. Sum. Nov/Dec 1972

082197 11 AL8K
Depreciation of inventory. [Equipment]. (Swe) Malgeryd, L *Alvsborgs Lans Sodra Hushallningssallsk Tidskr* 4: 7-9. June 1973

082198 80 C733
Ethrel & machine harvest-one-two punch for increased profits. [Tomatoes]. Sullivan, G H *Amer Veg Grower* 21 (6): 14, 16, 18. June 1973

082199 49 C43
Goals of increasing dairy farmers' earnings by improvement of management. 2. (Jap) Takehara, S *Anim Husb (tokyo)* 27 (5): 37-40. May 1973

082200 49 C43
Production & costs of hay wafers. 1. (Jap) Mikami, K *Anim Husb (tokyo)* 27 (5): 63-66. May 1973

082201 49 C43
Economic estimation on investment limitation for swine rearing equipments. (Jap) Murata, T *Anim Husb (tokyo)* 27 (6): 39-42. June 1973

082202 49 C43
Production & cost of hay wafers. 2. (Jap) Mikami, K *Anim Husb (tokyo)* 27 (6): 66-68. June 1973

082203 68.39 AM3A
CEPLAC [Program for Recovery of Rural economy in Cacao Farming] program in Brazil. Alvim, P de T *Annu Rep Am Cocoa Res Inst* P. 1-5. 1973

082204 100 AR42F
Farm tractor costs. Capstick, D F *Ark Farm Res* 22 (3): 10. May/June 1973

082205 281.9 AU73
Recent developments in Victorian lamb industry: an economic survey, 1968 – 69 to 1970 – 71 preliminary results. [Returns]. Hoogvliet, W *Australia Bur Agr Econ Quart Rev Agr Econ* 26 (2): 100-116. Map. Apr 1973

082206 281.9 AU73
New South Wales beef cattle industry: a summary of BAE [Bureau of Agricultural Economics] survey results 1968 – 69 to 1970 – 71. [Returns]. McCumstie, R F *Australia Bur Agr Econ Quart Rev Agr Econ* 26 (2): 117-139. Map. Apr 1973

082207 296.8 AR1
Construction costs of farm buildings. (Ger) Biskupek, E *Bauen Lande* 24 (4): 102-105. Apr 1973

082208 296.8 AR1
Effects of construction costs on production costs. [Building]. (Ger) Huffmeier, H *Bauen Lande* 24 (4): 108-109. Apr 1972

082209 296.8 AR1
Total concept of building costs & possible savings through active cooperation. (Ger) Gartung, J *Bauen Lande* 24 (4): 98-101. Apr 1973

082210 S560.B54
Watch your machinery costs. Lovelidge, B *Big Farm Manage* P. 47. May 1973

082211 292.9 C1282
Effects of cost, technology, supply, & quality of irrigation water on cropping patterns, income, & output of farm firms in Imperial Valley, California. Snyder, J H *Calif Univ Water Resources Center Rep* 25: 41-42. Jan 1973

082212 47.8 C16
Farm financing finesse. [Poultry, Canada]. Lewington, P *Can Poultry Rev* 97 (7): 7-8. July 1973

082213 281.9 C332
On problems of level & structure of costs of irrigation operations. (Slo) Almassy, J *Cesk Akad Zemed Ustav Vedeckotech Inform Zemed Ekon* 19 (2): 85-98. Feb 1973

082214 280.8 D493
Sources of loanable funds of agricultural credit institutions in Asia. Japan's experience. Kato, Y *Developing Econ* 10 (2): 126-140. June 1972

082215 HC276.2.A1I5
Disparities of development of agricultural income from 1970 to 1971. (Fre) Carles, R *Econ & Stat* 43: 15-27. Mar 1973

082216 105.8 G36E
Trend to reduce costs in keeping mother animal for meat production. (Ger) Wassmuth, R *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 137-149. Ref. 1972

082217 105.8 G36E
Economical aspects of special cultures in Hesse. [Fruits, vegetables, ornamental plants, nurseries]. (Ger) Kalinke, H *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 248-278. Ref. 1972

082218 102.5 EX7
Economic aspects of pineapple culture in 'Metalurgical zone' of Minais Gerais. [Returns]. (Por) Ribeiro, J C *Experientiae* 15 (3): 59-89. Ref. Eng. Sum. Feb 1973

082219 22 F223
Institutional credit & agricultural porduction: a sample survey in Andhra Pradesh 1969 – 1970. Babu, K A K *Farm J (calcutta)* 24 (4/5): 27-32. Feb/Mar 1973

082220 22 F223
Economics of rainfed potato cultivation. Krishna, K S *Farm J (calcutta)* 24 (4/5): 32-35. Feb/Mar 1973

082221 S560.F37
Use & misuse of capital: a checklist. Giles, A K *Farm Manage (kenilworth Engl)* 2 (5): 225-228. Spring 1973

082222 43.8 F32
Costliest cattle losses in Texas' history. Blair, J *Feedlot Manage* 15 (7): 46, 48, 50. July 1973

082223 57.8 F4123
Credit for fertiliser distribution. Nair, S P *Fert News* 18 (4): 11-14. Apr 1973

082224 HG41.F5
Role of commercial banks in financing agriculture. [India]. Datey, C D *Financ Agric* 4 (4): 1-6, 45. Jan 1973

082225 HG41.F5
New vistas in agricultural financing. [India]. Singh, K N *Financ Agric* 4 (4): 13-15. Jan 1973

082226 HG41.F5
Anatomy of commercial banks financing to agriculturists. [India]. Pathak, S M *Financ Agric* 4 (4): 16-22, 59. Jan 1973

082227 HG41.F5
Lead banks. Shukla, B M *Financ Agric* 4 (4): 23-26. Jan 1973

082228 HG41.F5
Lead bank schemes & agricultural finance.[India]. Bambolcar, V C *Financ Agric* 4 (4): 27-29, 59. Jan 1973

082229 HG41.F5
Estimation or repaying capacity on representative farm situations in relation to different types of loan. [India]. Sharma, S *Financ Agric* 4 (4): 31-33. Jan 1973

082230 HG41.F5
Long term cooperative credit in Gujarat; a note on regional distribution. Jodha, N S *Financ Agric* 4 (4): 35-37. Jan 1973

082231 HG41.F5
Pesticides & requirements of institutional finance. Vevai, E J *Financ Agric* 4 (4): 39-41. Jan 1973

082232 HG41.F5
Agricultural reforms & support from institutional financing agencies. Sivaraman, B *Financ Agric* 4 (4): 7-11. Jan 1973

082233 S19.F63
Costs & returns for different varieties of Mexican wheat on Basti farms. Bhalerao, M M *Food Farming Agric* 5 (2): 7-11. Aug 1972

082234 19 F75
Unit cost accounting in agriculture. (Ger) Bochsbichler, K *Forderungsdienst* 21 (3): 77-85. (Concluded) Mar 1973

082235 281.8 G25
Amortization of fixed assets in state farms. [Hungary]. (Hun) Vagi, F *Gazdalkodas* 17 (5): 1-7. Eng. Sum. 1973

082236 281.8 R522
Bringing up to date register of lands; added tariff on value of net product. (Ita) Panattoni, A *Genio Rurale* 36 (4): 23-28. Ref. Apr 1973

082237 100 AL1H
Wide variations in costs & returns of grade A milk production. Davis, M A *Highlights Agr Res (ala Sta)* 20 (2): 12. Summer 1973

082238 SB1.H6
Costs & returns from alternate harvesting methods for processing tomatoes. Wilcox, G E *Hortscience* 8 (3): 223-224. June 1973

082239 424.8 IM43
Finance official & apiculture. [Taxes]. (Ger) Kunzmann, A *Imkerfreund* 27 (7): 241-244. July 1972

082240 TC805.C6 1972
Variation in cost of a network of irrigation under load of operation to its automatic level. (Fre) Bouillot, R *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.297-28.2.308. Eng. Sum. 1972

082241 22 IN283
Does calf rearing pay in rural areas? Raut, K C *Indian Farming* 22 (9): 45-48. Dec 1972

082242 281.8 IN2
Income, savings & investment in agriculture. Sarma, M T R *Indian J Agr Econ* 28 (1): 24-26. Jan/Mar 1973

082243 281.8 IN2
Projections of household expenditures in India, 1971 – 1975. [Farmers]. Iyengar, N S *Indian J Agr Econ* 28 (1): 56-70. Ref. Jan/Mar 1973

082244 281.8 IN2
Capital structure & productivity on farms in Saharanpur & Merut districts of western Uttar Pradesh, India. Singh, L R *Indian J Agr Econ* 28 (1): 90-96. Jan/Mar 1973

082245 281.8 IN2
Economics of tractor utilization. Motilai, G *Indian J Agr Econ* 28 (1): 96-105. Jan/-Mar 1973

082246 281.8 IN2
Economics of tractor utilization. [Costs, returns]. Motilal, G *Indian J Agr Econ* 28 (1): 96-105. Jan/Mar 1973

082247 44.8 J822
Management factors associated with herd average milk yield & income over feed cost in Guernsey, Holstein, & Jersey herds. Brown, C A *J Dairy Sci* 56 (6): 789-798. Ref. June 1973

082248 44.8 J822
Financial planning for dairy herd expansions. Tinsley, W A *J Dairy Sci* 56 (6): 830-834. June 1973

082249 56.8 J822
Level terraces with stabilized backslopes on loessial cropland in Missouri Valley: a cost-effectiveness study. Spomer, R G *J Soil Water Conserv* 28 (3): 127-131. May/June 1973

082250 80 K122
State of banana production in Philippine Islands & its future. (Jap) Namikawa, Y *Kajitsu Nippon* 28 (4): 42-46. Map. 1973

082251 75.8 K145
Aspects of profitability of plant protection measures. (Ger) Wiebe, G *Kartoffelbau* 24 (5): 110-111. May 1973

082252 80 K474
Six to eight days earlier yield, income higher 10-12. (Hun) Zatyko, F *Kerteszet Szolesz* 22 (21): 3-6. May 24, 1973

082253 SB13.K45
Some questions of rentability in cold-storage. [Apples]. (Hun) Redai, I *Kertgazdasag* 5 (1): 69-75. Eng. Sum. 1973

082254 281.28 K96
Finance for rural development. Kuruvilla, M A *Kurukshetra* 21 (14): 12-13. Apr 16, 1973

082255 100 L935
Effects of production practices on corn yields, costs, & returns in Louisiana. Nelson, R C *La Agr Exp Sta Dae Res Rep* 447, 62 P. Nov 1972

082256 11 L234
Farming economics, 1969/1971 [Income]. (Swe) Myrehed, I *Lantmannen* 84 (2): 29-32. Map. Feb 2, 1973

082257 11 L234
When is a salary an investment? (Swe) Hagstrommer, E *Lantmannen* 84 (9): 20-21. May 11, 1973

082258 11 L234
Marketing prognosis – investment calculations. (Swe) Ohlsson, K B *Lantmannen* 84 (9): 30-31. May 11, 1973

082259 43.8 B392
Is artificial lamb rearing becoming more popular financally? [Costs, Britain]. Phillippo, E *Livest Farming* 10 (5): 14-16. May 1973

082260 43.8 B392
Bale handling systems. [Hay, costs, Britain]. Butterworth, B *Livest Farming* 10 (5): 18-19. May 1973

082261 100 M28S (1)
Costs, returns, & efficiency of potato production in Maine. Harlan, R K *Maine Life Sci Agr Exp Sta Bull* 701, 39 P. June 1973

082262 10 M312
Value added tax & farmer. Bregazzi, J A *Manx J Agr* (New Ser.) 27: 13-23. Spring 1973

082263 10 M312
Agricultural returns 1972. [Isle of Man]. *Manx J Agr* (New Ser.) 27: 25, 27, 29, 33-43. Spring 1973

082264 58.8 M4623
Economic efficiency in mechanization of dairy cattle farms in Romania. (Rum) Stoian, G *Mec Elec Agr* 18 (3): 6-10. Mar 1973

082265 80 M97
Economic aspects of mushroom harvesting. Ganney, G W *Mga Bull (Mushroom Growers Assoc)* 5: 208-211, 214-218. 220-224, 226-228. Ref. May 1973

082266 275.29 M58A
A look at new Michigan tax reductions. Stiefel, L *Mich State Univ Ext Mich Farm Econ* 364, 4 P. May 1973

082267 S19.M6
Cost of fertilisers & balanced fertilisation. Sakhalkar, S B *Mod Agric* 3 (1): 23-26. Jan/Feb 1972

082268 S19.M6
Re-appraisal of policy & problems about overdue crop loans. Shrishrimal, W C *Mod Agric* 3 (1): 59-61. Jan/Feb 1972

082269 S19.M6
Role of Gujarat State Co-operative Land Development bank. Joshi, H M *Mod Agric* 3 (1): 75-76. Jan/Feb 1972

082270 S19.M6
World Bank credit for Mysore land development project. Dubhashi, P R *Mod Agric* 3 (2): 57-59. Mar/Apr 1972

082271 S19.M6
Canara Bank's leading role in financing agriculture. Chari, T S K *Mod Agric* 3 (2): 61-63. Mar/Apr 1972

082272 298.8 M73
Wheat bread & dough in United States. [Costs]. (Ita) Ganapini, A I *Molini Ital* 24 (4): 148-152. Apr 1973

082273 44.8 M735
Milk price determination with signaling consequences. (Ger) Heiber, J *Molkzeitung Welt Milch* 27 (18): 539-540. May 4, 1973

082274 HD1775.N8E35
Blueberry harvesting & packing costs – machine versus hand systems; a case study. Liner, H L *N C State Univ Dep Econ Econ Inform Rep* 30, 16 P. Sept 1972

082275 100 N813B
1972 north Dakota farmland prices. Johnson, J E *N Dak Farm Res* 30 (5): 18-21. Map. May/June 1973

082276 100 N813B
Sugar beet enterprise costs & returns. Reff, T *N Dak Farm Res* 30 (5): 25-28. May/June 1973

082277 100 N465R
Feasibility of backgrounding feeder calves in Four Corners Economic Development Region. [Costs, returns]. Capener, W N *N Mex Agr Exp Sta Res Rep* 249, 63 P. Map. Mar 1973

082278 281.9 K61R
Profitability of farming in North of England, 1971-72. Results for selected groups of farms. Robson, S *Newcastle-upon-tyne Univ Dep Agr Econ Rep* 176, 59 P. 1973

082279 81 OR32
An anlaysis of rates & provisions of workmen's compensation insurance carried by farmers in Oregon. Fisher, D U *Oreg Hort Soc (proc)* 64: 15-23. 1973

082280 424.8 P295
An important source of income. [Honey plants, apiculture]. (Rus) Kopel'kievskii, G V *Pchelovodstvo* 10: 6-9. Oct 1972

082281 19.5 P752
On effectiveness of investments in basic & circulating funds in agriculture of Slovak Socialist Republic. (Slo) Puchly, S *Pol'nohospodarstvo* 19 (2): 146-152. Eng. Sum. 1973

082282 21 R862
Generalized introduction of cost price in agricultural production cooperatives. (Rum) Toma, I *Probl Agr (bucharest)* 25 (2): 49-54. Feb 1973

082283 21 R862
Economic efficiency of soybeans crops. (Rum) Nica, S *Probl Agr (bucharest)* 25 (4): 64-72. Ref. Apr 1973

082284 HD1861.A7
Credit paper in agricultural production: case of rice. (Spa) Scheinkerman de Obschatko, E *Publ ESR Repub Argent Min Agric Ganad Dir Nac Econ Sociol Rural* 60, 15 P. Oct 1972

082285 284.28 R132
Problems of financing agricultural enterprises. (Ger) Vasthoff, J *Raiffeisen-rundschau* 25 (5): 209-211. May 1973

082286 HD1491.S9U52
Union of Federations of Swiss Agricultural Cooperatives guarantee: Its guarantee possibilities, 12,500,000 francs. (Fre) Amrein, J *Rev UFA (union Fed Coop Agric Suisses)* 2: 22-23. Mar 1973

082287 20.5 R59 SER. C
Cost analysis of overhauls of agricultural tractors. (Pol) Michalski, M *Rocz Nauk Roln Ser C Mech Roln* 69 (3): 55-73. Ref. Eng. Sum. 1972

082288 SB290.A1R8
Cost effectiveness of ethrel stimulation: A point of view. [Rubber]. Abeyesekera, C M *RRic Bull (rubber Res Inst Ceylon)* (New Ser.) 7 (1/2): 31-38. Mar/June 1972

082289 80 SA15
Determination of effectiveness of intensifying horticulture & viticulture. [Production costs]. (Rus) Osmatesku, M T *Sadov Vinogradarstvo Vinodelie Moldavii* 4: 47-51. Apr 1973

082290 S13.S55
Effectiveness of applying mineral fertilizers to corn in forest-steppe section of Krasnoyarsk Territory. [Costs, returns]. (Rus) Epanchinov, A V *Sib Vestn S-kh Nauk* 2: 5-11. Mar/Apr 1973

082291 S13.S55
Effectiveness of using a material-technical base in zones of Far East. [Production costs, agriculture]. (Rus) Kuzin, V F *Sib Vestn S-kh Nauk* 2: 87-93. Mar/Apr 1973

082292 284.29 SV2
Problems in agricultural capital. II. Credit institutions & types of loans. (Swe) Andersson, R *Sver Jordbrukskasseforb Jordbrukskasserorelsen* 33 (2): 38-41. 1973

082293 284.29 SV2
Service in agricultural monetary movement – a situation study. (Swe) Frostad, B *Sver Jordbrukskasseforb Jordbrukskasserorelsen* 33 (2): 48-49. 1973

082294 284.29 SV2
Development of agriucltural banks. (Swe) Johnselius, I *Sver Jordbrukskasseforb Jordbrukskasserorelsen* 33 (2): 54-56. 1973

082295 284.29 SV2
Basic instructions in handling money – cooperative banks. (Swe) Nordstrom, H *Sver Jordbrukskasseforb Jordbrukskasserorelsen* 33 (2): 57-59. 1973

082296 275.249 G81
Farm mechanization in Greece; costs analysis of tractor labor in district of Zante. (Gre) Demakopoulos, P *Synchronos Georgia (mod Agric)* 1: 4-8. Jan/Feb 1973

082297 275.249 G81
Economic position of hazelnut in area of eastern Macedonia-Thrace. [Costs, returns]. (Gre) Bairas, A *Synchronos Georgia (mod Agric)* 1: 9-13. Jan/Feb 1973

082298 464.8 SP2
Economic production of quality pineapples. Py, C *SPan (shell Publ Health Agr News)* 16 (1): 21-23. 1973

082299 100 T31S (1)
Capital structure & financial management practices of Texas cattle feeding industry. Dietrich, R A *Tex Agric Exp Stn Bull* 1128, 19 P. Map. Dec 1972

082300 281.9 C434B
Agricultural finance for development of family farms in Japan, with special reference to type of demands for funds. (Jap) Taguchi, M *Tokyo Nat Inst Agr Sci Bull Ser H (farm Manage Land Util)* 45: 77-123. Eng Sum. Mar 1973

082301 1 AG84AB
Balance sheet of farming sector, 1972. Evans, C D *U S D A Agric Inf Bull* 359, 32 P. Jan 1973

082302 18 UB3
Prices of breeding sows in upward trend? (Ger) Maier, J L *Ubersicht* 24 (5): 358-359. May 12, 1973

082303 18 UB3
Food potatoes: future prices? [West Germany]. (Ger) Johannlukens, E *Ubersicht* 24 (5): 360-364. May 12, 1973

082304 11 V44T
Service insurance of motorized equipment. [Tractors]. (Swe) Tyrfors, L *Vastmanlands Lans Hushallningssallsk Tidskr* 4: 11-12. 1973

082305 41.8 V6439
Measurements for securing a conception of agricultural investment building till 1975 & after that year. (Cze) Okapec, S *Veterinarstvi* 23 (2): 88-89. 1973

082306 20 AK1
Economic effectiveness of applying mineral fertilizers to potatoes. [Costs, returns]. (Rus) Gusarova, IU N *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 5: 25-26. May 1973

082307 100 V59
Use-value assessment; economic effects on selected communities in Vermont. Sinclair, R O *Vt Agr Exp Sta Bull* 676, 35 P. Apr 1973

082308 S131.E22
Financing & feasibility of center-pivot sprinkler irrigation systems in Wyoming. Wedemeyer, W G *Wyo Agric Exp Stn Res J* 72, 19 P., Map. Ref. Mar 1973

082309 49 Z6
Floodplains of small rivers of use to animal industry. [Forage plants, culture, costs, returns]. (Rus) Aizenberg, V I *Zhivotnovodstvo* 5: 46-47. May 1973

082310 80 OV64
Results & goals of fruit economics. (Cze) Solc, V *ZL (zahradnicke Listy)* 66 (2): 33-35. 1973

AGRICULTURAL PRODUCTION DISTRIBUTION

082311 280.8 AG82
Swine marketing in Sweden. (Ger) Heiden, M *Agr Rundsch* 3: 6-7. June 1973

082312 280.8 AG82
Optimal marketing for export. [Dairy products]. (Ger) Konigswieser, E *Agr Rundsch* 3: 9-11. June 1973

082313 281.8 AG835
Consumer & his needs. [Agricultural marketing]. Van Der Merwe, B K *Agrekon* 12 (1): 55-56. Jan 1973

082314 281.8 AG835
Marketing policy instruments in light of small markets & low purchasing-power of non-whites. Van Eeden, F J *Agrekon* 12 (1): 57-58. Jan 1973

082315 281.8 AG835
Priorities in agricultural marketing research. Geldenhuys, I S *Agrekon* 12 (1): 59-60. Jan 1973

082316 10 AG89
Garden machinery boom continues. [Great Britain]. Lee, R *Agric Merchant* 53 (5): 34, 36 May 1973

082317 10 AG89
A new trading pattern will be established. [Seed]. *Agric Merchant* 53 (5): 42-43. May 1973

082318 15 AG84
Corylus in danger. [Filberts production, consumption]. (Spa) Molina, T *Agric Rev Agropecu* 42 (492): 188-1919 Apr 1973

082319 16 AG8229
552 Millions of mutual assistance distributed in provinc e of Spezia as a part of new farm business directly to farmers. (Ita) Felletti, G *Agric Spezia* 21 (2): 19-22. Feb 1973

082320 S1.A375
Profile of Pacific Rim. [Food supply]. Dempsey, J N *Agrologist* 2 (2): 10-13. Mar/Apr 1973

082321 S1.A375
Policy changes needed if markets to develop. [Meat, Canada]. Hawkins, M H *Agrologist* 2 (2): 26-27, 29-31. Mar/Apr 1973

082322 S1.A375
A decade of grain sales to Pacific Rim countries. [Canada]. Suderman, D *Agrologist* 2 (2): 32-33, 35, 37. Mar/Apr 1973

082323 S1.A375
Summary of Canadian trade agreements with Pacific Rim countries. Miller, C D *Agrologist* 2 (2): 42-43. Mar/Apr 1973

082324 S1.A375
Export meat marketing: Australian experience. *Agrologist* 2 (2): 44-46, 48. Mar/Apr 1973

082325 S1.A375
European Economic Community: will Canadian agriculture share this market? Hendry, P *Agrologist* 2 (2): 50-51. Mar-/Apr 1973

082326 SF521.A4
Publicize or die! [Honey, marketing]. (Ger) Deichmann, W *Allg Dtsch Imkerztg* 6 (11): 281, 283. Nov 1972

082327 81 SO12
Heterogeneous price behavior among seasons for Texas early spring onions. Shafer, C E *Amer Soc Hort Sci J* 98 (3): 275-278. May 1973

082328 49 C43
Techniques on widening distribution area & long distance transportation of fresh milk. 2. (Jap) Gejo, K *Anim Husb (tokyo)* 27 (5): 32-36. May 1973

082329 49 C43
Present situation of swine raising in Japan. 3. [Distribution, marketing, prices]. (Jap) Yamamoto, K *Anim Husb (tokyo)* 27 (6): 21-24. June 1973

082330 49 C43
Techniques on widening distribution areas & long distance transportation of fresh milk. 3. [Equipment]. (Jap) Gejo, K *Anim Husb (tokyo)* 27 (6): 61-65. June 1973

082331 13 G28
Progression of invasion of markets towards 1980 by substitute products. [Food]. (Fre) Coustry, R *Ann Gembloux* 78 (3): 133-144. Ref. 1972

082332 100 AR4 (2)
Hedging as a marketing tool for Western cattle feeders. Menzie, E L *Ariz Agr Exp Sta Tech Bull* 203, 30 P. Ref. May 1973

082333 281.9 AU73
Market for beef in Japan. Prosser, P B *Australia Bur Agr Econ Quart Rev Agr Econ* 26 (2): 67-89. Ref. Apr 1973

082334 47.8 R523
Direct marketing in livestock industry. [Poultry]. (Ita) Caselli, R *Avicoltura* 42 (4): 41-44. Apr 1973

082335 390.8 B7322
Transport economy & molasses, introduction & systematics. (Ger) Olbrich, H *Branntweinwirtschaft* 113 (8): 169-171. Eng. Sum. Apr 25, 1973

082336 390.8 B7322
Transportation of molasses on tracks & roads. (Ger) Pittelkow, E *Branntweinwirtschaft* 113 (8): 171-175. Apr 25, 1973

082337 390.8 B7322
Trasportation of molasses in inland navigation. (Ger) Olbrich, H *Branntweinwirtschaft* 113 (8): 194, 196-197. Eng. Sum. Apr 25, 1973

082338 65.8 B73
Domestic & foreign sugar markets. [Brazil]. (Por) Watson, F *Brasil Acucareiro* 81 (4): 39-42. Apr 1973

082339 390.8 B732
Two words, one beer; no words, little beer. [Marketing]. (Ger) Simon, R *Brauwelt* 113 (30): 821-822. May 25, 1973

082340 14 C112
Cooperative laboratory & young consumers. (Fre) Gaussel, A *Cah Ingen Agron* 276: 33-35. May 1973

082341 80 C498
Israel concentrate used in grapefruit drink in Britain. Fox, H *Citrus Veg Mag* 36 (10): 16-17, 35. June 1973

082342 80 C83
New pigs for new markets. [Great Britain]. Jarvis, C *Country Life (london)* 153 (3966): 1878-1879. June 28, 1973

082343 HD9275.A2C9
Let's consider milk & milk products in supermarket. Kleyn, D H *Cult Dairy Prod J* 8 (2): 20-21. May 1973

082344 15 C89
Milk problems. [Production, distribution]. (Spa) Montaner Esteve, J *Cult Mod* 56 (5): 27-29. May 1973

082345 SF221.D33
Feed prices high? Here is one way to combat them. [Dairy farm management]. Bath, D L *Dairy Tales Agric Ext Univ Calif* 3 (3/4): 1-3. Mar/Apr 1973

082346 44.8 SU2
Harz & Mainz cheese, modern milk protein products, marketing conditions, price determination & outlook. (Ger) Nienhaus, A *Deut Molk-zeitung* 94 (24): 978-980. June 14, 1973

082347 298.8 SU2
Situation of milling industry with special regard to common grain market regulations: Address held at meeting of Economy Council of Union in Munich. (Ger) Strzybny, X *Deut Muller-zeitung* 71 (8): 153-154. (Continued) Apr 19, 1973

082348 44.8 M736
Certainty in production, a prerequisite for successful marketing. [Dairy industry]. (Ger) Hess, D *Dtsch Milchwirtsch* 24 (19): 711-714. May 9, 1973

082349 44.8 M736
Critical discussion of market problems related to dairy industry. (Ger) Drews, L *Dtsch Milchwirtsch* 24 (20): 747-748. May 16, 1973

082350 105.8 G36E
Outlook of marketing agricultural products in German Federal Republic & in European Economic Community. (Ger) Wohlken, E *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 216-229. 1972

082351 389.8 ER66
Fruit & vegetable consumption in world. (Ger) Mante, W *Ernahr-umsch* 20 (4): 102-106. Apr 1973

082352 TP368.E7
Policy of market structure: requirements, possibilities, limits. (Ger) Strecker, O *Ernahrungswirtschaft* 5: a89-a95. May 1973

082353 TP368.E7
European Economic Community – measures for marketing & processing. (Ger) Verschuer, Freiherr von *Ernahrungswirtschaft* 5: a96-A99. May 1973

082354 389.9 F7354CO
Committee on Commodity Problems, Intergovernmental Group on Meat, Rome, 25-29 June 1973, Meat trade intelligence. *F A O CCp (comm Commod Probl)* 73/inf 2, 47 P. Apr 1973

082355 389.9 F7354CO
Committee on Commodity Problems, Intergovernmental Group on Meat, third session, Rome, 25 *F A O CCp (comm Commod Probl)* 73/3, 34 P. Ref. Apr 1973

082356 389.9 F7354CO
Committee on Commodity Problems, intergovernmental Group of Meat, third session, Rome, 25 – 29 June 1973. Review of group's market intelligence service. *F A O CCp (comm Commod Probl)* 73/6, 3 P. Apr 1973

082357 389.9 F7354CO
Committee on Commodity Problems, Intergovernmental Group on Meat, third session, Rome, 25 – 29 June 1973, national regulations affecting import *F A O CCp (comm Commod Probl)* 73/8, 49 P. May 1973

082358 HD9016.I4F3
Glut in cotton market. Sulaiman, V S *Farm Fact* 7 (5): 37-40. Mar 1973

082359 HD9016.I4F3
Study on marketing of potato. Puttusamy, N *Farm Fact* 7 (6): 36-38. Apr 1973

082360 TX341.F3
Operation of EEC [European Economic Community] market for beef & veal. Hickey, B C *Farm Food Res* 4 (2): 40-42. Mar/Apr 1973

082361 22 F223
Growing exports of spices to USSR. Bhatia, K S *Farm J (calcutta)* 24 (4/5): 18-20. Feb/Mar 1973

082362 S560.F37
New protein foods & future demand for meat. Hughes, D *Farm Manage (kenilworth Engl)* 2 (5): 245-253. Spring 1973

082363 SF1.A4
Evaluation of methods for transportation of cattle by rail. [Stress]. Young, B A *Feeders' Day Dep Anim Sci Univ Alberta* 52: 49-52. 1973

082364 43.8 F32
Boycott altered demand situation. [Beef]. Zurowski, T *Feedlot Manage* 15 (7): 18, 38, 41 July

082365 HG41.F5
Farm size & productivity relationship – new trends. Grewal, S S *Financ Agric* 4 (4): 47-48. Jan 1973

082366 50.8 F622
Payment according to quality of slaughter animals stimulates delivery. (Ger) Mauersberger, R *Fleisch* 27 (5): 83-84. May 1973

082367 280.38 F62
Possibilities for improvement of marketing poultry meat. (Ger) Reuter, H *Fleischwirtschaft* 53 (5): 620-624. May 1973

082368 A281.9 F76FO
Ten years of Codex Alimentarius – a progress report. [International food standards]. Beacham, L M *Foreign Agr* 11 (22): 10-11. May 28, 1973

082369 A281.9 F76FO
Food prices still a world problem but end of rise may be in sight. *Foreign Agr* 11 (22): 2-4, 16. May 28, 1973

082370 A281.9 F76FO
What consumers are paying in world marketplace. [Prices]. *Foreign Agr* 11 (22): 5. May 28, 1973

082371 A281.9 F76FO
Joint marketing spurs exports of U.S. Registered Holsteins. Milam, F M *Foreign Agr* 11 (22): 6, 16. May 28, 1973

082372 A281.9 F76FO
Coffee trade: problems & uncertainties for future years? Hurt, L C *Foreign Agr* 11 (22): 7-9. May 28, 1973

082373 A281.9 F76FO
U. S. cotton gains ground in West German market. *Foreign Agr* 11 (23): 11-12. June 4, 1973

082374 A281.9 F76FO
Belt tightening underway among asian rice consumers as shortage persists. Parker, J B *Foreign Agr* 11 (23): 2-5. June 4, 1973

082375 A281.9 F76FO
World dairy production again shows surplus. [Cheese, milk, butter]. Strobel, D R *Foreign Agr* 11 (23): 6-8. June 4, 1973

082376 A281.9 F76FO
Criticism of EC [Economic Community] farm price policy gains ground in West Germany. Harper, R G *Foreign Agr* 11 (24): 2-4, 16. June 11, 1973

082377 A281.9 F76FO
Canada's livestock outlook rosy as prices, demand strengthen. *Foreign Agr* 11 (24): 6-8. June 11, 1973

082378 A281.9 F76FO
Florida citrus promotion – story of a three-way partnership. [Marketing agreements]. Connolly, H J *Foreign Agr* 11 (24): 9-10. June 11, 1973

082379 A281.9 F76FO
Spanish table grapes move to U.S. markets for first time in 38 years. Douglas, D B *Foreign Agr* 11 (25): 10. June 18, 1973

082380 A281.9 F76FO
Feedlots in Australia. [Beef trade, Japan]. Lege, F M *Foreign Agr* 11 (25): 2-5. June 18, 1973

082381 A281.9 F76FO
Australia now world's largest beef exporter – has potential for more growth. *Foreign Agr* 11 (25): 6-7. June 18, 1973

082382 A281.9 F76FO
Argentina's oilseed output rises in spite of rains, export thrust expected. Rudbeck, J P *Foreign Agr* 11 (26): 2-4. June 25, 1973

082383 A281.9 F76FO
U.S. Agricultural sales to Japan headed for $2-billion mark. Greenshields, B L *Foreign Agr* 11 (26): 5-6, 16. June 25, 1973

082384 A281.9 F76FO
World beef trade patterns. Stenswick, L E *Foreign Agr* 11 (26): 7-9. June 25, 1973

082385 A281.9 F76FO
Agricultural products dominate new thrust in U.S.-China trade. Champeau, H C *Foreign Agr* 11 (27): 2-4, 13. July 2, 1973

082386 A281.9 F76FO
Trade teams report prospects good for U.S. Cotton in far east. Stevenson, J H *Foreign Agr* 11 (27): 5-6, 13. July 2, 1973

082387 A281.9 F76FO
Declining dairy earnings spur New Zealand's market expansion. Anderson, R E *Foreign Agr* 11 (28): 11. July 9, 1973

082388 A281.9 F76FO
Britain sets strict phase II. Controls to curb food prices. Whiteman, G D *Foreign Agr* 11 (28): 2-4. July 9, 1973

082389 A281.9 F76FO
U.S.-USSR agreement calls for new agricultural cooperation. *Foreign Agr* 11 (28): 5, 16. July 9, 1973

082390 A281.9 F76FO
Improved prospects seen for U.S. Cotton in Mediterranean & Scandinavia. [Commerce]. Webb, H R *Foreign Agr* 11 (28): 6-7, 16. July 9, 1973

082391 A281.9 F76FO
Far East & Oceania still biggest U.S. competitors in Japan's farm market. Greenshields, B L *Foreign Agr* 11 (28): 8-9. July 9, 1973

082392 A281.9 F76FO
World farm producers step up their promotion in Japan market. Hume, D L *Foreign Agr* 11 (28): 9-10. July 9, 1973

082393 A281.9 F76FO
How California-Arizona citrus league uses modern techniques to up exports. [Citrus, marketing]. Van Der monde, F *Foreign Agr* 21 (26): 10-11. June 25, 1973

082394 1.943 F7637
Marketing situation for winter citrus in Europe. *Foreign Agric Circ, FCF* 2-73, 16 P. Apr 1973

082395 SB354.F78
Future sales pattern & production requirements for fruit & horticultural products. (Dan) Andersen, F *Frugtavleren* 2 (5): 172-175. May 1973

082396 80 F948
Handling pears for export. Hall, E G *Fruit World Market Grower* 74 (4): 28, 30-32. Apr 1973

082397 80 R52
Too late for picking pummelos in Sicily. [Trade, policies]. (Ita) Mule, A *Frutticoltura* 35 (3/4): 7-9. Mar/Apr 1973

082398 286.81 IM7
Wheat inspection in Argentina. (Jap) Omuro, E *Grain Importers Assoc J* 295: 32-37. Apr 1973

082399 286.81 IM7
Recent position & plans for wheat purchase from overseas. (Jap) Ishii, C *Grain Importers Assoc J* 295: 38-50. Apr 1973

082400 100 AL1H
Efficient transportation of corn in Alabama. [Waterway transportation]. Gardner, G R *Highlights Agr Res (ala Sta)* 20 (2): 6. Summer 1973

082401 44.8 H65
Flanigan Report is a real threat to U.S. dairy farmers. [Dairy products, trade]. Stalbaum, L *Hoards Dairyman* 118 (12): 771, 780-781. June 25, 1973

082402 286.28 IN2
Food shortages: cause & effect. Brown, L R *Iga Grocergram* 47 (6): 18-19, 27. June 1973

082403 SB453.F37 1973
Seed shopping. Cornman, J F *In Faust, Joan Lee. The New York Times Garden Book* P. 177-179. 1973

082404 QC997.W38 1971
Demand for beer as a function of weather in Birtish Isles. Gander, R S *In Weather Forecasting for Agriculture and Industry* P. 184-194. Ref. 1972

082405 TP368.I8
Prices & consumption in European Common Market. [Food]. (Ita) *Ind Agrar* 10 (12): 453-454, 462. Dec 1972

082406 TP368.I8
Italian consumption in 1980. [Agricultural products]. (Ita) *Ind Agrar* 10 (7/8): 370-373. Eng. Sum. July/Aug 1972

082407 TP368.I8
Marketing of whisky & alcohol within European Economic Community. (Ita) *Ind Agrar* 11 (2): 114-118. Feb 1973

082408 68.29 IN23M
Coffee market in Belgium-Luxembourg. Abraham, J M *Indian Coffee* 37 (4): 102-105. Apr 1973

082409 281.8 IN2
Pricing efficiency of Indian apple market. Thakur, D S *Indian J Agr Econ* 28 (1): 105-114. Jan/Mar 1973

082410 SF481.I5
Bacteriological condition of shell eggs marketed in India. Panda, P C *Indian J Poultry Sci* 8 (1): 11-18. Ref. Jan/Mar 1973

082411 SF481.I5
Quality of shell eggs marketed in India. Panda, P C *Indian J Poultry Sci* 8 (1): 19-26. Ref. Jan/Mar 1973

082412 389.8 K832
Exports of fresh fruits from OECD-[Organization for Economic Cooperation & Development]-countries. (Ger) Siegel, O *Indus Obst& Gemuseverwert* 58 (10): 286-289. May 17, 1973

082413 389.8 K832
Processed vegetables & fruits in foreign trade of German Federal Republic. (Ger) Siegel, O *Indus Obst& Gemuseverwert* 58 (11): 310-313. June 1, 1973

082414 389.8 K832
Market analysis for vegetable paprika. (Ger) Schickel, W *Indus Obst& Gemuseverwert* 58 (12): 339-340. June 21, 1973

082415 44.8 F33
UHT [ultra high temperature] milk; aspects of its market in West Germany. (Por) Ferrini, C *Inst Laticinios Candido Tostes Rev* 27 (164): 21-23. Sept/Oct 1972

082416 TS1950.I5
Expediency & profitability of change of purchasing system of slaughter animals. (Pol) Trusiakowa, L *Inst Przem Miesnego Rocz* 9 (1): 111-131. Ref. Eng. Sum. 1972

082417 44.8 C866
How to sell our food in Europe. O'Dwyer, T *Irish Agr Creamery Rev* 26 (2): 5, 8-10. Feb 1973

082418 44.8 C866
'lockset' truck routing technique. [Milk, transportation]. Kinsella, I A *Irish Agr Creamery Rev* 26 (3): 24-27. Mar 1973

082419 22.5 J272
Present production & promotion of Ise tea. (Jap) Yamanaka, N *J Agric Soc Jap* 3: 43-48. Mar 1973

082420 277.8 J822
Flexible exchange rates, northern expansion, & market for southern cotton: 1866 – 1879. Aldrich, M *J Econ Hist* 32 (2): 399-416. Ef. Jun 1973

082421 257.3 J76
Price development in agricultural sector during 1972. (Swe) Sylvan-Johnson, M *Jordbruksekon Medd* 35 (4): 97-103. Eng. Sum. Apr 1973

082422 80 K122
Japanese export of mandarin oranges to Canada in 1972. (Jap) Hayashi, H *Kajitsu Nippon* 28 (4): 38-41. 1973

082423 80 K122
Sawning of fruit juice production in Japan. (Jap) Kawahara, K *Kajitsu Nippon* 28 (5): 68-71. May 1973

082424 SB13.K45
Relations between horticulture & transport. (Hun) Harmati, S *Kertgazdasag* 4 (4): 11-22. Eng. Sum. 1972

082425 389.78 K85
Critical supply situation of feed market. (Ger) Koch, V *Kraftfutter* 56 (6): 273. June 1973

082426 389.78 K85
Present & future situation of protein supply for livestock. (Ger) Erbersdobler, H *Kraftfutter* 56 (6): 274-276. Eng. Sum. Jane 1973

082427 389.78 K85
Poultry & swine -competitors on market. (Ger) Strecker, O *Kraftfutter* 56 (6): 278, 280. June 1973

082428 100 L935
Seasonal movement of beef cattle prices by grades in major livestock market areas of Louisian Fielder, L L *La Agr Exp Sta Dae Res Rep* 444, 52 P. Map. Sept 1972

082429 100 L935
Relationships of selected broiler production & marketing factors to contract broiler growers' operations. Roy, E P *La Agr Exp Sta Dae Res Rep* 445, 49 P. Oct 1972

082430 18 L2353
Adjustments in consumer behaviour with respect to demand for poultry [broilers]. (Ger) Schmidt, E *Landbauforsch Volkenrode* 22 (2): 145-158. Ref. Eng. Sum. Dec 1973

082431 11 L236
More meat! [Foreign trade]. (Nor) *Landbrukstidende* 79 (18): 459-461-462. May 5, 1973

082432 44.8 M26
Future demand for increased not decreased cheese production. (Dan) Nielsens, S T *Maelkeritidende* 86 (16): 387-395. Apr 20, 1973

082433 SB375.M32
Development of Malayan canned pineapple trade. Saidin, A B *Malay Pineapple Ind Board Malays Pineapple* 2: 1-6. 1972

082434 298.8 M622
Soya substitution can help stabilise feedstuff prices. Tuck, J *Milling* 155 (4): 26-27. Apr 1973

082435 18 N39
Central Marketing Association of German Agricultureforeign trade in Benelux countries. (Ger) Lehmann, B M *Mitt Deut Landwirt-ges* 88 (25): 719-720. June 21, 1973

082436 S19.M6
Marketing margin of jowar in Dharwar market. [Durra]. Mahabaleshwariah, H *Mod Agric* 3 (2): 51-52. Mar/Apr 1972

082437 298.8 M73
Wheat & change in fashion. [Exports, United States]. (Ita) Halow, J *Molini Ital* 24 (4): 132-137. Apr 1973

082438 44.8 M735
Still is not decided. [Dairy industry, prices]. (Ger) Heiber, J *Molk-zeitung Welt Milch* 27 (16): 463-464. Apr 19, 1973

082439 44.8 M74
Production & marketing of Gorgonzola cheese. (Ita) *Mondo Latte* 27 (3): 159-163. Mar 1973

082440 298.8 M89
Limited price guarantee. [Agricultural products]. (Ger) Roth, H *Muhle Mischfuttertech* 110 (17): 273-275. Apr 26, 1973

082441 SB403.N4
Marketing flowers in today's economy. Brunk, M E *N Y State Flower Ind Inc Bull* 35: 2-3. June 1973

082442 166.2 N47
Plains cotton writes records with China sale. Ingalsbe, G *News Farmer Coop* 40 (3): 16. June 1973

082443 20.5 N86
Services in external transport for peasant farms. (Pol) Tomaszewski, K *Nowe Roln* 22 (10): 5-7. May 16/31, 1973

082444 S11.N93
Distribution of agricultural products & economic growth. [European Common Market]. (Dan) Andersen, F *Nye Dan Landbrug* 4 (6): 27, 29-30. June 1973

082445 307.8 OI54
Poland's oilseed meal situation & outlook scope for increasing U. S. Soybean & meal exports. *Oils Oilseeds J* 25 (9): 4-6. Mar 1973

082446 100 OR3C
Technical & economic considerations in shipping grass seed residue to Japan. [Livestock, feed]. Porfily, L *Oreg Agr Exp Sta Circ Inform* 638, 28 P. Ref. Mar 1973

082447 81 OR32
What is & how does PACA affect Oregon growers. [Fruit, marketing]. Walp, T R *Oreg Hort Soc (proc)* 64: 152-157. 1973

082448 81 OR32
Sweet cherry fresh market – how to do it better. Groder, R H *Oreg Hort Soc (proc)* 64: 85, 87-89. 1973

082449 23 AU75
Japanese beef market. Yoshimura, S *Pastoral Rev* 83 (4): 161, 163. Apr 1973

082450 77.8 P313
U.S. Almond exports to expand. Axer, J *Peanut J Nut World* 52 (8): 12, 14. June 1973

082451 SF481.P64
Consumer education to boost sales of poultry. [India]. Rai, K N *Poult Guide* 10 (4): 19-21. Apr 1973

082452 81 W524
How chain stores buy & market peaches. Urner, D *Proc Annu Conv Natl Peach Counc* 32D: 59-62. 1973

082453 81 W524
Analysis of 1972 market & where to go in 1973. [Peaches]. Rubino, A J *Proc Annu Conv Natl Peach Counc* 32D: 63-65. 1973

082454 281.9 B87
Beef market in 1972. (Fre) Fontenil, R *Prod Agr Fr* 49 (129): 10-11. May 1, 1973

082455 6 P9452
Arizona producers provide a variety of melons. Cable, C C *Progr Agr Ariz* 25 (2): 6-9, 16. Mar/Apr 1973

082456 100 N27N
Teletype auctioning: valuable to Canadians; still virtually untried in U.S. [Agricultural products, Marketing]. Johnson, R D *Q Serv Farm Ranch & Home Univ Nebr, Coll Agric* 22 (2): 12-13. Sjummer 1973

082457 22.5 N687
Price theory of agricultural products as related to competitive structure of peasant economy. (Jap) Shirakawa, K *Quart J Agr Econ* 27 (2): 1-38. Apr 1973

082458 22.5 N687
Price responses to demand & supply of wheat in world economy. (Jap) Saito, T *Quart J Agr Econ* 27 (2): 39-87. Ref. Apr 1973

082459 44.8 Q3
Marketing of dairy products in Quebec offers new possibilities. (Fre) McClelland, R *Quebec Lait Aliment* 32 (5): 10-15. May 1973

082460 281.9 R22MS
Competition in milk retailing. Mills, F D *Reading (Engl) Univ Dep Agr Econ Misc Stud* 54, 60 P. Ref. Nov 1972

082461 S1.A4
An economic analysis of red meat, fish, poultry & wild game consumption patterns in Anchorage, Alaska. Thomas, W C *Res Rep Univ Alaska Inst Agric Sci* 73-4, 39 P. Mar 1973

082462 24 R323
Normalization effect on agricultural products marketing. (Por) Lucas, M T *Rev Agr (mocambique)* 15 (154): 27-29. Jan 1973

082463 43.8 R32
World-wide consumption of meat. (Por) Veiga, J S *Rev Criadores* 43 (520): 44-48. Apr 1973

082464 307.8 R32
French soybean market. (Fre) Laudet, L *Rev Franc Corps Gras* 20 (4): 221-223. Apr 1973

082465 281.28 R88
Changing retail activity in Wisconsin villages: 1939 – 1954 – 1970. Johansen, H E *Rural Sociol* 38 (2): 207-218. Ref. Summer 1973

082466 SB290.A1R8
Sale of budwood. [Rubber]. Chandrasekera, L B *RRic Bull (rubber Res Inst Ceylon)* (New Ser.) 7 (1/2): 29-30. Mar/June 1972

082467 21 P75
Functional dependence among number of vehicles, transportation distance & capacity of transportation unit in agriculture. (Cro) Segedinac, M *Savremena Poljoprivreda* 20 (11/12): 67-74. Eng. Sum. 1972

082468 286.85 D48
Liability for deficiency in selling slaughter animals with regard to new ways of marketing & marketing procedures as well possible insurance of such risks. (Ger) Pohlchristoph, H *Schlacht Viehhofztg* 13 (6): 205-208. (Continued) June 1973

082469 286.85 D48
Modernization of Brazilian meat industry: Brazil will surpass Argentina in meat trade. (Ger) Schweisheimer, W *Schlacht Viehhof-ztg* 13 (6): 219-220. June 1973

082470 SF601.S8
Ships for animals. [Livestock, transportation]. Warren, D P *State Vet J* 27 (81): 184-193. Sept 1972

082471 286.89 T117
India's flue-cured tobacco crop passed through a serious m..keting crisis in 1972. Rao, P S *Tabak-j Int* 2: 100-101. Apr 1973

082472 286.89 T117
Situation on Greek tobacco market. Thassitis, B *Tabak-j Int* 2: 103-104. Apr 1973

082473 286.89 T117
Exports by Turkish state monopoly in record year 1972. [Tobacco]. Cemal, T *Tabak-j Int* 2: 87-88. Apr 1973

082474 SB111.A2T72
World market for agricultural products during ii. Decade. (Ger) Glauner, H J *Tropenlandwirt* 74: 43-59. Ref. Eng. Sum. Apr 1973

082475 1 AG84MR
Sales of fluid milk products, 1954-72. Manchester, A C *U S D A Mkt Res Rep* 997, 11 P. June 1973

082476 1 AG84MR
Trading in commodity futures contracts on Chicago Board of Trade: a study of sources & distribution of trading & commission income. [Agricultural products]. Swantz, A *U S D A Mkt Res Rep* 999, 64 P. July 1973

082477 A281.9 F76FM
Food & agricultural export directory, 1973. *U S Foreign Agr Serv Fas-m* 201, Rev. 81 P. May 1973

082478 43.8 UN7
Feed market with special line of sight on close of time contracts for dairy cattle & swine mixed feed. (Ger) Libner, J *Unser Milchvieh* 25 (5): 1-2. May 1973

082479 275.29 V813
Factors affecting supply of seafood-Virginia as a case example. Coale, C W *Va Agr Econ* 244, 3 P. Mar 1973

082480 80 V662
Requirements for export. [Fruit]. Foster, E L *Victorian Hort Dig* 17 (1): 2-3. 1973

082481 TP544.V5
Marketing & exportation of Scotch whiskey. (Fre) Goodman, P *Vins Cidres Spiritueux Liqueurs Fr* 144: 197-198. May 1973

082482 100 W52 (1)
Optimum number, size & location of livestock auction markets in West Virginia. Kuehn, J P *W Va Agr Exp Sta Bull* 614, 31 P. Map. Ref. Feb 1973

082483 95.8 W73
Wine concession stands: A necessary marketing form. 5. (Ger) Zottl, B F *Winzer* 29 (5): 108, 110. May 1973

082484 280.8 Y7
Recent trends in agricultural prices. [India]. Prasad, K *Yojana* 17 (9): 365-366. June 1, 1973

STATISTICAL DATA AND METHODOLOGY

082485 281.9 C332
Aspects of application of system analysis & synthesis in process of mathematic modeling of agricultural production. (Cze) Ziskal, J *Cesk Akad Zemed Ustav Vedeckotech Inform Zemed Ekon* 19 (2): 75-84. Feb 1973

082486 15 C89
General vision of Castellon province. [Agricultural production Spain]. (Spa) *Cult Mod* 56 (5): 51-53. Map. May 1973

082487 280.38 F62
Meat industry statistics. (Ger) Scheuermann, M *Fleischwirtschaft* 53 (5): 658-659. May 1973

082488 281.8 R522
How to determine value of agricultural means as ordered by (law 22-10-71 no. 865). (Ita) Camerin, M *Genio Rurale* 36 (2): 17-21. Feb 1973

082489 281.8 R522
Calculation of plain levelling of lands for grading. (Ita) Constantinidis, C *Genio Rurale* 36 (2): 23-39. Ref. Feb 1973

082490 280.9 G56A
Growth of acreage under raw cotton in India 1851 – 1901 – a quantitative account. Guha, A *Gokhale Inst Polit Econ J* 15 (1): 1-56. Ref. Mar 1973

082491 81 ID12
Material presented to State Horticultural Society. Max, R *Idaho State Hort Soc Trans* 78: 50-51, 51A. 1973?

082492 TC805.C6 1972
Methodology of employing flow simulators – application to water table of Crau. (Fre) Ouvrard, R *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 5: 29.1.39-29.2.73. Map. Eng. Sum. 1972

082493 TC805.C6 1972
Use of an electronic computer for economic evaluation of damage caused by flooding. [Agricultural areas]. Liria, J *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 5: 29.1.-97-29.1.116. 1972

082494 TP368.I8
Statistics, production & investments in food industry. (Ita) *Ind Agrar* 11 (2): 71-75. Eng. Sum. Feb 1973

082495 68.29 IN23M
A quarter century of coffee production in south India. Awatramani, N A *Indian Coffee* 37 (2/3): 55-61. Feb/Mar 1973

082496 281.8 IN82
Balance between statistical information & models in agricultural economic research. Nietoostolaza, M Del C *Int J Agr Aff* 5 (6): 458-470. Ref. Mar 1973

082497 390.09 F38
Vineyard area, wine varieties & production in Caribbe Caribbean Sea & South American countires. (Jap) Iida, S *J Ferment Assoc (jap)* 30 (8): 27-34. Aug 1972

082498 442.8 J8223
A design for studying clustering of plant or animal species using quadrat sizes in geometric progression. Prentice, R L *J Theor Biol* 39 (3): 601-608. Ref. June 1973

082499 59.9 C813
Mutation studies at Sh1 locus in maize. Chourey, P S *Maize Genet Coop News Lett* 47: 13. Apr 15, 1973

082500 18 N39
Luxembourg agricultural marathon. [prices]. (Ger) Leroy, H H *Mitt Deut Landwirt-ges* 88 (22): 624-625. May 31, 1973

082501 100 M693 (3)
Regional growth models – an analytical approach in Missouri 1950 to 1970. [Rural areas]. Braschler, C *Mo Agr Exp Sta Res Bull* 996, 28 P. Ref. Mar 1973

082502 22.5 N687
On statistics of classified rural communities in 1970 world census of agriculture. (Jap) Watanabe, H *Quart J Agr Econ* 27 (2): 231-249. Apr 1973

082503 20.5 R59 SER. C
Application of statistical methods to evaluation of activity of agricultural circles & cooperative machine bases in domain of agricultural mechanization. (Pol) Broda, R *Rocz Nauk Roln Ser C Mech Roln* 69 (3): 75-87. Ref. Eng. Sum. 1972

082504 80 SCH9
Consumption of wine & other beverages in Switzerland. (Ger) Kutter, F *Schweiz Z Obst Weinbau* 109 (7): 181-190. Mar 31, 1973

082505 HD1975.A6T4
Statistical-economical research on culture of olives in Capitanata. (Ita) Melino, M *Terra Pugliese* 22 (4): 21-46. Apr 1973

082506 A284.39 M343
Agricultural prices; annual summary, 1972. *U S Crop Rep Board Agric Prices Annu Summ* Pr 1-3, 170 P. June 1973

082507 1.9 EC752F CS
Cotton situation. *U S D A Econ Res Serv Cs* 261, 31 P. May 1973

082508 1.941 S2F73
National food situation. *U S D A Econ Res Serv Nat Food Situation Nfs* 144, 39 P. May 1973

082509 1.941 S2F73
Total consumer buying of fresh versus processed foods remains stable. Manchester, A C *U S D A Econ Res Serv Nat Food Situation Nfs* 144: 35-36. May 1973

082510 1 AG84ST
Fresh market vegetable prices; revised estimates, 1964 – 70: vegetables, melons, strawberries. *U S D A Statist Bull* 000519, 81 P. May 1973

082511 1 AG84ST
Changes in farm production & efficiency; a summary report, 1973. *U S D A Statist Bull* 233 (Rev.) 31 P. Map. June 1973

082512 1 AG84ST
Supplement for 1972 to wool statistics and related data, 1930 – 69. *U S D A Statist Bull* 455 (Suppl), 124 P. June 1973

082513 1 AG84ST
Federal milk order market statistics; annual summary for 1972. *U S D A Statist Bull* 521, 118 P. Map. June 1973

082514 1 AG84ST
Livestock & meat statistics. *U S D A Statist Bull* 522, 301 P. July 1973

082515 A281.3939 F76
Larger U.S. Exports of canned fruits & vegetables. *U S Foreign Agr Serv Foreign Agr Circ FCan* 3-73, 11 P. June 1973

082516 1.943 F117
U. S. dairy product exports down & imports up in 1972. *U S Foreign Agr Serv Foreign Agr Circ* FD-2-73, 13 P. May 1973

OUTLOOK, POLICIES, PROGRAMS, AND LEGISLATION

082517 281.8 AG826
Simulation models to project structural change in agriculture. (Ger) De Haen, H *Agrarwirtschaft* 22 (5): 157-173. Ref. Eng. Sum. May 1973

082518 281.8 AG826
Simulation models to project structural change in agricultur e. (Ger) Gruber, J *Agrarwirtschaft* 22 (5): 174-178. Ref. May 1973

082519 S19.A32
Hyvp [High Yielding Variety Programme] in retrospect & prospect. [Field crops, India]. Chellappan, K *Agric Agroind J* 6 (4): 39-42. Apr 1973

082520 S1.A29
New modality of application of income tax law: Points of fiscal imposition to consider at time of transfer of property of an agricultural enterprise to a corporation [Canada]. (Fre) Eckel, D C *Agric Prog* 5 (4): 12-14, 19. May 1973

082521 S1.A29
New dairy policies are well received. (Fre) Bernard, L A *Agric Prog* 5 (4): 8-9. May 1973

082522 14 AG823
No, we are not going to famine. (Fre) Pokrovsky, A *Agric Rev Men Tech Econ* 365: 132-134. May 1973

082523 46.9 AS5
Good pigs of to-day is our aim for tomorrow. (Spa) Verges, J B *Asoc Argent Criadores Cerdos Rev* 52 (607): 19, 21. Mar 1973

082524 47.8 R523
Organization of production of chickens in European Economic Community. (Ita) Bore, R J *Avicoltura* 42 (2): 41-55. Map. Feb 1973

082525 47.8 R523
Egg products: past, present & future. (Ita) Brunoli, A *Avicoltura* 42 (5): 53-56. May 1973

082526 47.8 R523
Legal decisions on raising poultry & rabbits. (Ita) Zanoni, G *Avicoltura* 42 (5): 65-66. May 1973

082527 280.9 B643I
New land law & recent regulations concerning rural areas. (Ger) Hoerster, T *Bad Godesberg Inst Raumforsch Inform* 23 (6): 111-124. Ref. Mar 30, 1973

082528 S11.B43
Interest in subsidy regulations. (Dut) Wit, W de *Bedrijfsontwikkeling* 4 (4): 291-293. Apr 1973

082529 424.8 B477
Bees in criminal law. [Apiculture]. (Ger) Boese, N *Bienenpflege* 11: 242-243. Nov 1972

082530 SD1.B71
Production zones of mate. [Ilex paraguariensis]. (Por) Vieira, F C *Bras Florestal* 4 (13): 35-36. Jan/Mar 1973

082531 65.8 B73
Agroindustry of sugar in Brazil. (Por) *Brasil Acucareiro* 81 (4): 29-34. Apr 1973

082532 65.8 B73
New directions for sugar law No. 1266. (Por) Carmo, A T *Brasil Acucareiro* 81 (4): 9-11. Apr 1973

082533 41.8 V643
Animal health & E.E.C. Animal welfare legislation in E.E.C. [European Economic Community]. Ray, P M *Brit Vet J* 129 (3): 194-201. May/June 1973

082534 389.9 B88
Significance of general apprehension of communocation in food legislation. (Ger) Kraak, W *Bund Lebensmittelrecht Lebensmittelkunde Schriftenreihe* 72: 7-27. 1972

082535 14 P215BC
Agriculture in development: Cisjordan from 1969 to 1972. (Fre) Klatzmann, J *C R Seances Acad Agric Fr* 58 (17): 1380-1386. 1972

082536 14 C112
Schematization of objectives & participation of a rural development. (Fre) Spaak, D *Cah Ingen Agron* 276: 13-18. May 1973

082537 100 C12S (1)
Economic facts: supply, competition, use. [Soybeans]. Miller, M D *Calif Agr Exp Sta Bull* 862: 10-15. June 1973

082538 100 C12CAG
California wine grape acreage: projecting effects of new San Joaquin & coastal plantings. Moulton, K S *Calif Agr* 27 (4): 3-5. Apr 1973

082539 80 C125
Expansion in avocado industry. [California]. Reck, R *Calif Citrogr* 58 (9): 321-322. July 1973

082540 281.9 C332
Methodology of planning of socialist agriculture in Czechoslovakia. (Cze) Burian, J *Cesk Akad Zemed Ustav Vedeckotech Inform Zemed Ekon* 19 (2): 61-73. Feb 1973

082541 384 C4283
Outlook on world's food supply in year 2000. (Ger) Einicke, W *Chem Tech (berlin)* 25 (7): 386-390. Ref. July 1973

082542 SF191.D3
Farm fuel shortage. McClung, J *Dairy Herd Manage* 10 (7): 14, 16. July 1973

082543 44.8 SU2
New marking regulations in butter legislation. (Ger) Loeper, R H F von *Deut Molk-zeitung* 94 (24): 976. June 14, 1973

082544 44.8 M736
What can milk producers expect for financial year 1973/1974 after Luxemburg resolution? (Ger) Fabisch, G *Dtsch Milchwirtsch* 24 (20): 755. May 16, 1973

082545 HD1945.A1E2
A priority: Food for mankind. (Ger) Geli, N *Econ Agr* 27 (5): 3. May 1973

082546 HD1945.A1E2
World situation of cereals, 1972-1973 season. (Ger) Weisslitz, G *Econ Agr* 27 (5): 7, 9-11, 13-15. May 1973

082547 HD1785.A1
General agricultural outlook, U.S.A. Randall, C K *Econ Planning (montreal)* 9 (1/2): 14-18. Jan/Apr 1973

082548 HD1785.A1
Agricultural outlook: 1973 Canada; wheat feed grains. Carmichael, J S *Econ Planning (montreal)* 9 (1/2): 3-7. Jan/Apr 1973

082549 HD1785.A1
Oilseeds: world oilseed outlook. Paddock, B W *Econ Planning (montreal)* 9 (1/2): 7-9. Jan/Apr 1973

082550 HD1785.A1
U.S.A. Agricultural outlook: wheat 1973. Nadve, J J *Econ Planning (montreal)* 9 (1/2): 9-13. Jan/Apr 1973

082551 49 B462
At Nine: Too much pork, not enough beef. [European Economic Community]. (Fre) Castaing, J *Elevage* 19: 31-33. June 1973

082552 49 B462
Concentration of laying hens rearing is accelerating: What will remain tomorrow? (Fre) Nicolas, F *Elevage* 19: 94-99, 101. June 1973

082553 105.8 G36E
Trends of development in agriculture & food industry of German (Democratic Republic). (Ger) Schinke, E *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 242-247. 1972

082554 105.8 G36E
Comparison of competition of agricultural sites in Hesse. (Ger) Berthold, H *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 279-290. 1972

082555 TP368.E7
Policy of market structure: requirements, possibilities, limits. (Ger) Strecker, O *Ernahrungswirtschaft* 5: a89-a95. May 1973

082556 S9.E9
Agriculture with passing of time. (Ita) Cardone, M *Evoluzione Agric* 18 (210): 19-20. Apr 1973

082557 389.9 F7354CO
Committee on Commodity Problems, Intergovernmental Group on Meat, third session, Rome, 25-29 June 1973. Discussion on meat in UNCTAD [United Nations Conferenc *F A O CCp (comm Commod Probl)* 73/13, 8 P. May 1973

082558 389.9 F7354CO
Committee on Commodity Problems, Intergovernmental Group on Meat, third session, Rome, 25 – 29 June 1973. Development of a manual for livestock project formulati *F A O CCp (comm Commod Probl)* 73/7A, 5 P. May 1973

082559 389.9 F7354CO
Committee on Commodity Problems, Intergovernmental Group on Meat, third session, Rome, 25 – 29 June 1973. Guidelines for preparation of feasibility studies- *F A O CCp (comm Commod Probl)* 73/76, 29 P. Mar 1973

082560 HD9000.1.F6
Processed tropical fruits: Tendencies & prospects of production & commerce of canned pineapples & processed tropical fruits. (Fre) *F A O Monogr Prod* 51, 69 P. 1972

082561 HD9016.I4F3
Multiple cropping, a powerful weapon to win war of famine. Purushothaman, S *Farm Fact* 7 (6): 6-7. Apr 1973

082562 22 F223
Integrated planning for development of sundarbans. Shri, S K *Farm J (calcutta)* 14 (3): 21-25. Jan 1973

082563 281.8 F2226
Variation in returns to livestock. Wilken, D F *Farm Manage, Facts Opinions Help You 32-2* 73-2, 2 P. May 1, 1973

082564 281.8 F2242
Rural reconstruction scheme: is it adequate? [Australia]. Hunt, C *Farm Policy* 12 (4): 118-124. Mar 1973

082565 18 W763
Better supplies for People Experience of Cooperative Association Spreewaldgemuse. [Agriculutre]. (Ger) Tuschke, E *Feldwirtschaft* 14 (6): 255-257. June 1973

082566 47.8 T432
Where do we stand in broiler production? [Poultry]. (Nor) Sannan, F *Fjorfe* 90 (4): 99-103. Apr 1973

082567 47.8 T432
Egg production – threatened by big business. (Nor) Kavli, E *Fjorfe* 90 (5): 146-148. May 1973

082568 280.38 F62
Explanations of new meat ordinance. (Ger) Schulte, F *Fleischwirtschaft* 53 (5): 629-631. May 1973

082569 280.38 F62
Meat & meat products production. (Ger) Siegel, O *Fleischwirtschaft* 53 (5): 645-646. May 1973

082570 S19.F63
Need for fertilizer & crop development programme in some dry land tracts of Mysore State. [India]. Rajan, S V G *Food Farming Agric* 5 (1): 3-8. July 1972

082571 A281.9 F76FO
Efforts underway to relieve west African drought. [Food supply]. Skinner, S W *Foreign Agr* 11 (25): 11. June 18, 1973

082572 A281.9 F76FO
Agricultural production in Chile caught in a downspin. Missiaen, E *Foreign Agr* 11 (25): 8-9. June 18, 1973

082573 80 G1938
Coordination of agricultural research. (Nor) Brenna, H K *Gartneryrket* 63 (21): 521-422. May 25, 1973

082574 24 G252
Legislation on work accidents in agriculture. (Por) Valente, A *Gaz Agr Angola* 18 (4): 275-276. Apr 1973

082575 47.8 G276
Future of Swiss poultry rearing from view of government. (Ger) Piot, J C *Geflugelhof & Kleinvieh* 36 (11): 7, 9, 11, 14-15, 17. May 31, 1973

082576 281.8 R522
Clinging fruits, outlook & selling of rural stocks. (Ita) Bosso, B *Genio Rurale* 35 (11): 15-18. Nov 1972

082577 281.8 R522
On some modifications of 'law on houses'. [Land appraisal]. (Ita) Grittani, G *Genio Rurale* 35 (11): 19-21. Nov 1972

082578 286.81 IM7
Revision of inspection standards on imported agricultural products. (Jap) Inoue, S *Grain Importers Assoc J* 295: 65-72. Apr 1973

082579 20 F49AF
Statistics of activities of milk recording societies in Finland, 1971/1972. 53. (Fin) *Helsinki* 374, 48 P. Eng. Sum. 1973

082580 389.9 IM7
Trends of US agricultural policies. (Jap) Tamesue, S *Ho Yungu Shokuryo Kyogiakai (grain Importers Assoc J)* 296: 41-48. May 1973

082581 389.9 IM7
Grain policies of USSR: wheat. 1. (Jap) Marumo, S *Ho Yungu Shokuryo Kyogiakai (grain Importers Assoc J)* 296: 71-779 May 1973

082582 TC805.C6 1972
New development of legislation & organization for mechanization & maintenance of irrigation & drainage systems. [West Germany]. Kuhlewind, C *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.309-28.2.312. 1972

082583 GF3.I37 1971
Need for strengthening legal systems for protection of environment. Angelo, H G *In International Conference on Environmental Future, 1St, J Yvaskyla, Finland, 1971. The Environmental Future* P. 613-619. 1971

082584 HC603.5.S5
Planning & objectives for rural adjustment & development in Australia. Nalson, J S *In The Natural Resources of Australia* P. 32-51. Ref. 1972

082585 281.8 IN2
Rural Electrification Corporation (progress of its working). Venkatappiah, B *Indian J Agr Econ* 28 (1): 115-122. Jan/Mar 1973

082586 389.8 IN26
Problems & trends in world meat economy. (Rum) Otel, I *Indus Aliment (bucuresti)* 24 (3): 125-128. Ref. Eng. Sum. Mar 1973

082587 389.8 IN26
Tendency & outlook in production & consumption of milk & dairy products in world. (Rum) Dimitriu, C N *Indus Aliment (bucuresti)* 24 (3): 160-162. Mar 1973

082588 HD9000.1.I52
An international review of food additives: legislative rules in Italy. (Ita) *Indus Aliment (pinerolo)* 12 (93): 139-144. Mar 1973

082589 80 IN32
Observations & activities on future of apple culture. (Ita) Parisi, L *Inf Ortofloro-fruttic* 13 (3/4): 3-6. Feb 15/28 1973

082590 49 IN3
Livestock policies & programs in Tuscany. (Ita) Nuti, C *Inform Zootec* 20 (7): 13-15. Apr 7, 1973

082591 49 IN3
Livestock industry after Lombardy conference. [Policies]. (Ita) Gualazzi, A *Inform Zootec* 20 (7): 6-7. Apr 7, 1973

082592 49 IN3
Calves to be sought. [Outlook, trade]. (Ita) Stenswick, L *Inform Zootec* 20 (9): 6-9. Map. May 7, 1973

082593 44.8 F33
Milk's tributary policy in State of Minas Gerais. (Por) Bernardo, J G *Inst Laticinios Candido Tostes Rev* 27 (165): 21-22. Nov/Dec 1972

082594 44.8 F33
Summary of dairy situation in State of Goias. (Por) *Inst Laticinios Candido Tostes Rev* 28 (166): 10-23. Map. Jan/-Feb 1973

082595 TS1950.I5
Means of regulation of meat consumption. (Pol) Milewski, E *Inst Przem Miesnego Rocz* 9 (1): 101-110. Ref. Eng. Sum. 1972

082596 281.8 IN82
Green Revolution-an approach to agricultural development & some of its economic implications. [Population, food production]. Borlaug, N E *Int J Agr Aff* 5 (6): 385-403. Ref. Mar 1973

082597 281.8 IN82
Future of Green Revolution in West Pakistan: a choice of strategy. [Agricultural production]. Azam, K M *Int J Agr Aff* 5 (6): 404-429. Mar 1973

082598 16 IT1
Difficulties & expectations of British farmers. (Ita) *Ital Agr* 110 (3): 321-324. Map. Mar 1973

082599 80 K122
Plans & timing for technical development of Japanese agriculture. (Jap) Kamata, E *Kajitsu Nippon* 28 (4): 32-34 1973

082600 80 K122
Effect of monetary regulation on Japanese fruit industry. (Jap) Miyake, K *Kajitsu Nippon* 28 (5): 17-19. May 1973

082601 281.28 K96
Neglected aspects of Indian agriculture. Dhar, D P *Kurukshetra* 21 (14): 4-5. Apr 16, 1973

082602 HD1775.K4K4
Trends & projections in Kentucky's livestock industry. Browning, W *Ky Univ Coop Ext Serv Agric Econ Ext Inf Ser* 13, 39 P., Map. Feb 1973

082603 105.2 OR3
Some remarks on Report of Club of Rome. [Food outlook]. (Dut) Franke, A *Landbouwkundig Tijdschr* 85 (4): 110-117. Eng. Sum. Apr 1973

082604 44.8 L35
About a new legislation for milk used for human consumption. (Ita) Baraldini, R *Latte* 42 (2): 108. Feb 1973

082605 44.8 L35
Legislation on milk for consumption within new frame of institutions: report on community, state, & region as a source of normal production. (Ita) Carbone, G *Latte* 42 (2): 92-96. Feb 1973

082606 44.8 L35
About a new legislation for milk used for human consumption. (Ita) Leali, L *Latte* 47 (1): 24-27. June 1973

082607 49 L758
Headlines can't decide wisest approach in providing more food at less cost. Hendrickson, F *Livestock Breeder J* 16 (7): 207-211. July 1973

082608 49 L758
There's been some 'going-ons' for past five years. [Beef industry]. Wilson, L *Livestock Breeder J* 16 (7): 34, 36. July 1973

082609 281.9 L233L
Agricultural politics: objectives & resources. (Nor) Venger, A *LS-Meld (landbrukets Santforb)* 2: 43-57. Apr 1973

082610 44.8 M26
Sharp contrast between Common Market's agricultural system & free market economy. (Dan) *Maelkeritidende* 86 (19): 496-497. May 11, 1973

082611 44.8 M26
A chip in aid to developing countries. (Dan) Torm, U *Maelkeritidende* 86 (21): 544-545. May 25, 1973

082612 298.8 M622
Additives in feeding stuffs – EEC's [European Economic Cummunity] effect on legislation. Beaumont, W H *Milling* 155 (4): 28, 33. Apr 1973

082613 S19.M6
Green revolution: Its political, social & economic impacts. Mosher, A T *Mod Agric* 3 (1): 21-22. Jan/Feb 1972

082614 S19.M6
Indian agriculture tomorrow. Swaminathan, M S *Mod Agric* 3 (1): 9-10. Jan/Feb 1972

082615 S19.M6
A new strategy for agricultural development. Srivastava, S C *Mod Agric* 3 (2): 17-18. Mar/Apr 1972

082616 S19.M6
Agricultural development as a function of resource use. [India]. Garg, J S *Mod Agric* 3 (3): 15-16. May/June 1972

082617 44.8 C162
Government food drug act regulates food additives, supervises pesticides. Chapman, D G *Mod Dairy* 52 (5): 17-18. May 1973

082618 44.8 M735
Adulteration according to paragraph 36 of milk legislation. (Ger) Schauff, A M *Molk-zeitung Welt Milch* 27 (24): 799-801. June 15, 1973

082619 41.8 M742
Content & concepts of animal hygiene legislation. (Ger) Mehlhorn, G *Monatsh Veterinarmed* 28 (12): 452-458. Ref. Eng. Sum. June 15, 1973

082620 275.29 M76C
A guidebook of Montana laws governing municipal & county parks & recreation. Nordstrom, P E *Mont State Coll Ext Bull* 341, 15 P. Ref. Feb 1973

082621 275.29 M76FOL
Water right laws. Lessley, W W *Mont State Coll Ext Folder* 145: 1-8. Apr 1973

082622 100 N465R
Costs, returns, & capital requirements of selected crops for Navajo Indian Irrigation Project. *N Mex Agr Exp Sta Res Rep* 256, 57 P. May 1973

082623 HC79.E5N3
Water, land, & environment imperial valley: law caught in winds of politics. Taylor, P S *Nat Resour J* 13 (1): 1-35. Ref. Jan 1973

082624 290.8 N68
On restoration of farm land & agricultural installations after diasters. [Flood, earthquakes, tornadoes]. (Jap) Yamaguchi, S *Nogyodoboku-kenkyu* 41 (5): 19-24. May 1973

082625 11 N813
Potential of Norwegian agriculture. (Nor) Ringen, J *Norske Myrselsk Medd* 71 (1): 5-10. Feb 1973

082626 20.5 N86
Industrial livestock-raising farms as a factor promoting growth of production of slaughter cattle on state farms in Bydgoszcz province. (Pol) Porwisz, W *Nowe Roln* 22 (9): 11-12. May 1/15, 1973

082627 20.5 N86
Some problems of concentration of livestock production, based on data from state farms in Zielona Gora province. (Pol) Nater, K *Nowe Roln* 22 (9): 13-14. May 1/15, 1973

082628 QP141.A1N8
Joint FAO-WHO [Food & Agriculture Organization/ World Health Organization] food standards programme, Codex Alimentarius Commission. Kermode, G O *Nutr Newslett* 11 (1): 1-35. Jan/Mar 1973

082629 100 OR3C
Oregon's agricultural industry. Cusack, T J *Oreg Agr Exp Sta Circ Inform* 636, 22 P. 1972

082630 81 OR32
Elimination of marginal orchards & overproduction around world. Sindelar, G E *Oreg Hort Soc (proc)* 64: 35-41. 1973

082631 77.8 P313
India short of oil. Browne, E *Peanut J Nut World* 52 (8): 16-17. June 1973

082632 464.9 P482
Silver jubilee of Austrian plant protection legislation. (Ger) Beran, F *Pflanzenarzt* 26 (5): 48-49. May 1973

082633 25 P542
Agricultural land reform in Philippines: economic aspects. Sandoval, P R *Philippine Agr* 55 (9/10): 337-443. Map. Ref. Feb/Mar 1972

082634 450 P697
Distribution of total alkaloids & major components in different organs of Datura metel var. fastuosa at various stages of growth. Gupta, S *Planta Med* 23 (4): 370-376. Ref. June 1973

082635 SF481.P64
Plight of Delhi poultry farmers. [Outlook]. Chadha, B M *Poult Guide* 10 (4): 58-62. Apr 1973

082636 81 W524
Legislative outlook for agricultural empolyers. Phelan, J D *Proc Annu Conv Natl Peach Counc* 32D: 107-113. 1973

082637 81 W524
A national research & promotion plan for peaches. Jones, A R *Proc Annu Conv Natl Peach Counc* 32D: 53-58. 1973

082638 281.9 B87
Diary production ten years ago. (Fre) Marion, R *Prod Agr Fr* 49 (128): 27-28. Apr 2, 1973

082639 281.9 B87
After Luxembourg. [Agricultural policies, European Economic Community]. (Fre) Deleau, J de *Prod Agr Fr* 49 (129): 5. May 1, 1973

082640 281.9 B87
Cattle policy: procession broke down!. (Fre) Bruel, M *Prod Agr Fr* 49 (129): 6. May 1, 1973

082641 100 R34S (2)
An economic survey of Rhode Island nursery industry. Bristol, P W *R I Agr Exp Sta Bull* 410, 44 P. 1973

082642 281.8 R523
Outlook in production of beef in Southern Italy. (Ita) Cembalo, A *Riv Polit Agr* (New Ser. 8) 19 (4): 53-58. Dec 1972

082643 281.8 R523
Business dimensions & legislative reflections. [Agriculture]. (Ita) Zizzo, N *Riv Polit Agr* (New Ser. 8) 19 (4): 59-66. Dec 1972

082644 281.8 R523
Agricultrue & policies in Great Britain. (Ita) Harrison, A *Riv Polit Agr* (New Ser. 8): 19 (4): 21-29. Dec 1972

082645 SB290.A1R8
Science, sociology & change in plantation industry. [Rubber, Malaysia]. Bateman, L *RRic Bull (rubber Res Inst Ceylon)* (New Ser.) 7 (1/2): 1-20. Mar/June 1972

082646 100 SO8T
Projections of farm numbers & sizes in South Carolina through 1995. Meadows, T C *S C Agr Exp Sta Tech Bull* 1046, 19 P. Ref. Apr 1973

082647 58.8 T678AG
Farmer in street traffic. [Agricultural legislation]. (Ger) Muri, P *Schweiz Landtech* 35 (6): 356-358. Apr 1973

082648 470 SCI2
Science, technology, & development: A new world outlook. [Food supply]. Seaborg, G T *Science* 181 (4094): 13-19. July 6, 1973

082649 46.9 SV2
A close-up of agriculture in Kalmar County. (Swe) Folbert, G *Svinskotsel* 63 (5): 18-19. May 25, 1973

082650 46.9 SV2
Swine management in Kalmar County. (Swe) Nilsson, N E *Svinskotsel* 63 (5): 22-25. May 25, 1973

082651 464.8 SP2
A community of nine: implications for agriculture. [European Economic Community]. Hicks, N *SPan (shell Publ Health Agr News)* 16 (1): 13-15. 1973

082652 464.8 SP2
Developing Indonesia's agriculture. Burley, T M *SPan (shell Publ Health Agr News)* 16 (1): 23-25. 1973

082653 464.8 SP2
Nigeria: prospects for a tomato paste industry. Quinn, J G *SPan (shell Publ Health Agr News)* 16 (1): 25-27. 1973

082654 464.8 SP2
Synthetic proteins: impact on agriculture. [Food supply]. Jones, E *SPan (shell Publ Health Agr News)* 16 (1): 4-6. 1973

082655 A99.9 F764U
Forest – goals & decisionmaking in Forest Service. Alston, R M *U S Forest Serv Res Pap Int* 128, 84 P. Ref. Sept 1972

082656 18 UB3
Way out from dead end of agricultural policy & way to healthy nutrition. (Ger) Krohn, H *Ubersicht* 24 (5): 341-345. May 12, 1973

082657 18 UB3
USA: how long will agricultural boom last? (Ger) Adam, R *Ubersicht* 24 (6): 445-447. June 9, 1973

082658 275.29 V813
Virginia's agricultural production – now & in 1985. Buck, J T *Va Agr Econ* 247: 1-3. June 1973

082659 41.8 V641
Statutory control of drugs. Edwards, B R *Vet Rec* 93 (1): 17-21. July 7, 1973

082660 95.8 W73
Viticulture topics? [Agricultural productivity]. (Ger) Gindl, G *Winzer* 29 (3): 45-46. Mar 1973

082661 95.8 W73
Viticulture will be advanced!. (Ger) Mantler, L *Winzer* 29 (5): 105-106, 108. May 1973

082662 281.8 W892
Agro-industry in Africa. Freivalds, J *World Crops* 25 (3): 124-126. Map. May/June 1973

082663 65.8 D48
Sugar: leaner & dearer years ahead. Viton, A *Z Zuckerindus* 23 (5): 267-270. May 20, 1973

082664 49 Z6
A repsonsible time for workers of animal industry. [Production]. (Rus) Litvinov, IU M *Zhivotnovodstvo* 5: 1-4. May 1973

082665 49 Z6
On organizing of competition among animal industry workers. (Rus) Palagnii, I A *Zhivotnovodstvo* 5: 20-23. May 1973

082666 49 Z6
Intensification of dairy cattle industry on state farms of Russia. (Rus) Naumov, V I *Zhivotnovodstvo* 5: 5-12. May 1973

082667 65.8 Z82
Actual problems of agriculture & food industry in expanded European Economic Community. (Ger) Rohr, H J *Zucker* 26 (6): 298-301. June 1973

CONSUMER PROTECTION

082668 41.8 AC87
Irradiation of chicken egg white. I. Effect on proteinase inhibitors. [Contamination]. Fossum, K *Acta Vet Scand* 14 (1): 118-128. Ref. 1973

082669 79.9 AG8
Insecticide residues in crops. Stewart, D K R *Agric Pestic Tech Soc Proc* 19Th: 16-20. 1972

082670 1.98 AG84
Mechanized harvesting for blueberries? *Agric Res* 21 (12): 10. June 1973

082671 81 SO12
Quality of fresh market peaches subjected to a mechanical harvesting & field handling: grading system. Sims, E T *Amer Soc Hort Sci J* 98 (3): 253-256. May 1973

082672 49 C43
Residues of veterinary drugs in milk, meats & eggs & their control. 4. (Jap) Ono, H *Anim Husb (tokyo)* 27 (5): 61-62. Ref. May 1973

082673 41.8 AN78
Bacteriological quality of raw beef steaks ready for cooking. (Fre) Hans, J C *Ann Med Vet* 117 (3): 157-162. May 1973

082674 448.3 AP5
Proteolytic enzyme preparation from Pseudomonas fragi: its action on pig muscle. Tarrant, P J V *Appl Microbiol* 25 (6): 996-1005. Ref. June 1973

082675 448.3 AP5
Persistence of aflatoxin during fermentation of soy sauce. Maing, I Y *Appl Microbiol* 25 !6): 1015-1017. June 1973

082676 41.8 L49
Determination of limits for muscle dry matter concerning evaluation of quality of canned goulash. (Ger) Linke, H *Arch Lebensm-hyg* 24 (5): 101-104. Ref. May 1973

082677 41.8 L49
Radioactive contamination of environment & its effects on livestock & food of animal origin. (Ger) Kreuzer, W *Arch Lebensm-hyg* 24 (5): 104-108. Ref. Eng. Sum. May 1973

082678 41.8 L49
Sporicidal effect of chemical disinfectants. [Food contamination]. (Ger) Koppensteiner, G *Arch Lebensm-hyg* 24 (6): 125-131. Ref. June 1973

082679 381 AS7
Polychlorinated terphenyls as potential contaminants of animal products. Fries, G F *Ass Offic Anal Chem J* 56 (4): 1002-1007. July 1973

082680 381 AS7
Collaborative study of recovery & gas chromatographic quantitation of polychlorinated biphenyls in chicken fat & polychlorinated biphenyl-DDT combinations in fish. Sawyer, L D *Ass Offic Anal Chem J* 56 (4): 1015-1023. Ref. July 1973

082681 381 AS7
Modified rapid screening method for aflatoxin in corn. Shannon, G M *Ass Offic Anal Chem J* 56 (4): 1024-1025. July 1973

082682 381 AS7
Negetive finding of 2,3,7,8-tetrachlorodibenzo-p-dioxin in cooked fat containing actual & fortified residues of ronnel and/or 2,4,5-trichlorophenol. Watts, R R *Ass Offic Anal Chem J* 56 (4): 1026-1027. July 1973

082683 381 AS7
Modified method for determination of mycotoxins in cocoa beans. Scott, P M *Ass Offic Anal Chem J* 56 (4): 1028-1030. Ref. July 1973

082684 381 AS7
Gas chromatographic determination of diethylstilbestrol & its glucuronide in cattle tissues. Donoho, A L *Ass Offic Anal Chem J* 56 (4): 785-792. Ref. July 1973

082685 381 AS7
Dry ashing method for determination of total arsenic in animal tissues: collaborative study. [Poultry, swine]. George, G M *Ass Offic Anal Chem J* 56 (4): 793-797. July 1973

082686 381 AS7
Rapid detection of aflatoxin contamination in agricultural products. Pons, W A *Ass Offic Anal Chem J* 56 (4): 803-807. July 1973

082687 381 AS7
Collaborative study of three screening methods for aflatoxin in corn. Shotwell, O L *Ass Offic Anal Chem J* 56 (4): 808-812. July 1973

082688 381 AS7
Improved method for thin layer chromatographic determination of patulin in apple juice. Scott, P M *Ass Offic Anal Chem J* 56 (4): 813-816. Ref. July 1973

082689 381 AS7
Analysis of ochratoxins A & B & their esters in barley, using partition & this layer chromatography. I. Development of method. Nesheim, S *Ass Offic Anal Chem J* 56 (4): 817-821. Ref. July 1973

082690 381 AS7
Analysis of ochratoxins A & B & their esters in barley, using partition & thin layer chromatography. II. Collaborative study. Nesheim, S *Ass Offic Anal Chem J* 56 (4): 822-826. July 1973

082691 381 AS7
Collaborative study of a qualitative screening test for detection of cyanide in wines & spirits. Bates, B L *Ass Offic Anal Chem J* 56 (4): 840-842. July 1973

082692 381 AS7
Collaborative study of a method for atomic absorption spectrophotometric & polarographic determination of cadmium in food. Gajan, R J *Ass Offic Anal Chem J* 56 (4): 876-881. July 1973

082693 381 AS7
Collaborative study of chicken embryo bioassay for aflatoxin B1. [Food contamination]. Verrett, M J *Ass Offic Anal Chem J* 56 (4): 901-904. July 1973

082694 381 AS7
Nitrosopyrrolidine in cooked bacon. Fazio, T *Ass Offic Anal Chem J* 56 (4): 919-921. July 1973

082695 381 AS7
Critical evaluation of AOAC[Association of Official Analytical Chemists] method of analysis for nitrite in meat. Nicholas, R A *Ass Offic Anal Chem J* 56 (4): 922-925. Ref. July 1973

082696 381 AS7
Extraction & cleanup for determination of polychlorinated biphenyls in paper & paperboard. [Food packaging, contamination]. Young, S J V *Ass Offic Anal Chem J* 56 (4): 957-961. July 1973

082697 381 AS7
Asbestos fibers in beverages, drinking water, & tissues: their passage through intestinal wall & movement through body. Cunningham, H M *Ass Offic Anal Chem J* 56 (4): 976-981. Ref. July 1973

082698 381 AS7
Toxic heavy metals in vegetables & forage grasses in Missouri's Lead Belt. Hemphill, D D *Ass Offic Anal Chem J* 56 (4): 994-998. Map. Ref. July 1973

082699 381 AS7
Polychlorinated biphenyls & polychlorinated terphenyls in Canadian food packaging materials. Villeneuve, D C *Ass Offic Anal Chem J* 56 (4): 999-1001. July 1973

082700 47.8 R523
Growth of poultry by feeds destined for cattle & health aspects in human nutrition. (Ita) Bosco, G *Avicoltura* 42 (4): 61-65. Apr 1973

082701 41.9 AZ1
Hygienic studies on microbiology of dried foods. (Jap) Kaneko, S *Azabu Vet Coll Bull* 24: 103-114. Ref. Eng. Sum. May 1972

082702 41.9 AZ1
Hygienic studies on microbiology of refreshing beverages. (Jap) Kaneko, S *Azabu Vet Coll Bull* 24: 115-125. Eng. Sum. May 1972

082703 41.9 AZ1
Hygienic studies on microbiology of sugared foods. (Jap) Kaneko, S *Azabu Vet Coll Bull* 24: 127-137. Ref. Eng. Sum. May 1972

082704 41.9 AZ1
Studies on Escherichia coli bacteria & food sanitation. (Jap) Suzuki, E *Azabu Vet Coll Bull* 24: 85-101. Ref. May 1972

082705 442.8 B5236
Conversion of sterigmatocystin to aflatoxin B1 by Aspergillus parasiticus. Hsieh, D P H *Biochem Biophys Res Commun* 52 (3): 992-997. Ref. June 8, 1973

082706 297.9 B232
World production of rapeseed & investigation in relation to dangers connected with ingestion of erucic acid consumed by Italians. (Ita) Santoprete, G *Bologna Univ Inst Merc Quad Merc* 11 (2): 193-210. Ref. Eng. Sum. July/Dec 1972 (Pub. 1973)

082707 59.8 B872
Commercial quality of rice: Norm of rice quality for consumption in European Economic Community. (Fre) Marrot, R *Bull Inform Riziculture France* 144: 11-15. Jan/Feb 1973

082708 389.9 B88
Necessity & limitation of toxicological research of food. (Ger) Schmahl, D *Bund Lebensmittelrecht Lebensmittelkunde Schriftenreihe* 72: 29-47. 1972

082709 389.9 B88
Food industry & food inspection. (Ger) Jagerhuber, P *Bund Lebensmittelrecht Lebensmittelkunde Schriftenreihe* 72: 49-95. 1972

082710 100 C12CAG
Weight sampling for size measurement of Bartlett pears for canning. [Standardization. Guillou, R *Calif Agr* 27 (4): 10-12. Apr 1973

082711 442.9 C16J
Clostridium botulinum control in cold-smoked salmon: a review. Southcott, B A *Can Fish Res Bd J* 30 (5): 631-641. Ref. May 1973

082712 442.9 C16J
Effects of cooking on concentrations of PCB & DDT compounds in Chinook (Oncorhynchus tshawytscha) & Coho (Oncorhynchus kisutch) salmon from Lake Michigan. Smith, W E *Can Fish Res Bd J* 30 (5): 702-706. Ref. May 1973

082713 59.8 C33
Effect of variability in sugar granulation on evaluation of flour cookie quality. Kissell, L T *Cereal Chem* 50 (3): 255-264. May/June 1973

082714 59.8 C33
Mycotoxin production affected by insecticide treatment of wheat. [Aspergillus]. Vandegraft, E E *Cereal Chem* 50 (3): 264-270. Ref. May/June 1973

082715 59.8 C333
Incidence of aflatoxin in southern corn, 1969-1970. [Aspergillus flavus]. Shotwell, O L *Cereal Sci Today* 18 (7): 192-195. Ref. July 1973

082716 RA1211.A1C7
Acceptable daily intake of food additives. Bigwood, E J *CRC Crit Rev Toxicol (chem Rubber Co)* 2 (1): 41-93. June 1973

082717 321.9 D41P
Meat & game. [Quality]. (Dan) *Denmark Statens Husholdningsrads Pjece* 1, 32 P. 1973

082718 389.8 D482
Planning & execution of ring tests to determine pesticide residues. [Cheese]. (Ger) Hadorn, H *Deut Lebensmittelrundsch* 69 (6): 213-218. Eng. Sum. June 1973

082719 44.8 SU2
New marking regulations in butter legislation. (Ger) Loeper, R H F von *Deut Molk-zeitung* 94 (24): 976. June 14, 1973

082720 44.8 M736
Packaging of dairy industry products: 14th advice of public efficacy & consumer qualification of dairy industry products. (Ger) Koch, G *Dtsch Milchwirtsch* 24 (18): 629-630, 632, 634, 636. May 3, 1973

082721 44.8 M736
Quality & production security, for & against. [Food industry]. (Ger) Rabich, A *Dtsch Milchwirtsch* 24 (18): 647-650, 652-653, 656. Ref. May 3, 1973

082722 389.9 EL2
Investigation of radioactive contamination of foods in 1972 & evaluation of obtained data. (Hun) Kovacs, J *Elelmiszervizsgalati Kozlem* 19 (1/2): 11-28. Eng. Sum. 1973

082723 389.9 EL2
Investigation of quality of foods in 1972. (Hun) Szilagyi, J *Elelmiszervizsgalati Kozlem* 19 (1/2): 3-9. Eng. Sum. 1973

082724 SF1.A4
Influence of consumer & retailer attitudes on beef industry. Stiles, M E *Feeders' Day Dep Anim Sci Univ Alberta* 51St: 19-22. June 1972

082725 SF1.A4
Eating quality of beef from steers fed moisture treated barley. Hawrysh, Z J *Feeders' Day Dep Anim Sci Univ Alberta* 51St: 33-36. June 1972

082726 SF1.A4
Eating quality of highly marbled beef. Hawrysh, Z J *Feeders' Day Dep Anim Sci Univ Alberta* 52: 37-40. 1973

082727 43.8 F32
Feeders voice mixed emotions over proposed grading system alteration. [Beef]. Zurowski, T *Feedlot Manage* 15 (7): 52, 54-55. July 1973

082728 43.8 F32
Progress in bull beef grading...but not enough. Tunks, F E *Feedlot Manage* 15 (7): 8, 10, 13. July 1973

082729 TS1950.F5
New rating standards for consumer to evaluate meat & products. (Ger) Kotter, L *Fleischerei* 24 (6): 23-24. June 1973

082730 280.38 F62
Deficiencies in slaughter animals: Effects on economy, hygiene & animal protection; injuries on farm. LVII. (Ger) Draser, *Fleischwirtschaft* 53 (5): 609. May 1973

082731 280.38 F62
Efficiency of kidney test in determining antibiotic residues in meat. (Ger) Schothorst, M van *Fleischwirtschaft* 53 (5): 703-705. Ref. Eng. Sum. May 1973

082732 280.38 F62
Formation of sterigmaticystin in bacteriological media & in dry sausage by Aspergillus versicolor. (Ger) Alperden, I *Fleischwirtschaft* 53 (5): 707-710. Ref. Eng. Sum. May 1971

082733 280.38 F62
Keeping quality of cured meat products of long shelf-life. (Ger) Heiss, R *Fleischwirtschaft* 63 (5): 689-690, 693-694. Eng. Sum. May 1973

082734 389.9 N57
A new simplified method for microdetermination of mercury in fish by oxygen-flask combustion method & by flameless atomic absorption spectrophotometry. (Jap) Katsumura, K *Food Hyg Soc Jap J* 14 (2): 137-141. Eng. Sum. Apr 1973

082735 389.9 N57
Studies on analysis of pesticide residues in foods. IX. Effect of cooking on removal of organochlorine pesticide residues from rice, red beans & soy beans. (Jap) Takeda, M *Food Hyg Soc Jap J* 14 (2): 142-148. Ref. Eng. Sum. Apr 1973

082736 389.9 N57
Detection of staphylocaccal enterotoxins in foods. I. Application of batch operation on CM-sephadex ion exchanger. [Cereals, meats]. (Jap) Harada, Y *Food Hyg Soc Jap J* 14 (2): 149-159. Ref. Eng. Sum. Apr 1973

082737 389.9 N57
On translocation of soil residual organochlorine pesticides into vegetables. (Jap) Suzuki, M *Food Hyg Soc Jap J* 14 (2): 160-167. Ref. Eng. Sum. Apr 1973

082738 389.9 N57
Psychrotrophic bacteria in sliced ham. (Jap) Hashimoto, H *Food Hyg Soc Jap J* 14 (2): 168-172. Ref. Eng. Sum. Apr 1973

082739 389.9 N57
Studies on food additives in imported foods: analysis of thiabendazole in citrus fruits. (Jap) Mihara, M *Food Hyg Soc Jap J* 14 (2): 179-185. Ref. Eng. Sum. Apr 1973

082740 389.9 N57
An experience on biological assay of toxicity of imported globefish. (Jap) Kawasaki, H *Food Hyg Soc Jap J* 14 (2): 186-190. Ref. Apr 1973

082741 389.9 N57
Contents of heavy metals in foods. I. (Jap) Tanaka, Y *Food Hyg Soc Jap J* 14 (2): 196-201. Ref. Apr 1973

082742 HD9000.1.F64
What is return on investment for nutrient labeling? Klinger, L E *Food Prod Develop* 7 (5): 79-80. June 1973

082743 HD9000.1.F64
Food safety in 1973. Wodicka, V O *Food Prod Develop* 7 (6): 48, 50-52. July/Aug 1973

082744 HD9000.1.F64
Nutrient labeling: myths about analytical needs. Nemcik, T *Food Prod Develop* 7 (6): 58, 60. July/Aug 1973

082745 100 F92
Meat products analyses increase fourfold. [Quality control]. Hanna, J G *Frontiers Plant Sci (Conn Sta)* 25 (2): 6-7. May 1973

082746 68.8 G65
Mould spoilage of foods. Jarvis, B *Gordian* 73 (6): 263-266. Ref. June 1973

082747 SF604.H4
Facing problem of estrogens in foods of animal origin. (Gre) Georgakes, S *Hell Kteniatr Hell Vet Med* 15 (4): 190-196 Oct Dec 1972

082748 SF604.H4
A study on edible fats prepared fro Greek army. [Adulteration]. (Gre) Karathanases, E *Hell Kteniatr Hell Vet Med* 16 (1): 15-24. Ref. Eng. Sum. Jan/Mar 1973

082749 100 AL1H
Tenderometer rates beef carcass quality. Huffman, D L *Highlights Agr Res (ala Sta)* 20 (2): 4. Summer 1973

082750 TX1.H63
Palatability of ground beef home frozen & stored in selected wraps. Baldwin, R E *Home Econ Res J* 1 (2): 119-125. Ref. Dec 1972

082751 QP141.A1H7
Activity of market inspection units in quality control of agricultural products. (Cro) Petkovic, L *Hrana Ishrana* 13 (11/12): 539-547. Eng. Sum. Nov/Dec 1972

082752 QP141.A1H7
Industrial development & legal provisions on quality control of foodstuffs. (Cro) Filajdic, M *Hrana Ishrana* 13 (11/12): 548-555. Eng. Sum. Nov/Dec 1972

082753 QP141.A1H7
A reference to draft law on health appropriateness of foodstuffs & general consumption items. [Quality control]. (Cro) Udovicic, B *Hrana Ishrana* 13 (11/12): 556-560. Eng. Sum. Nov/Dec 1972

082754 QP141.A1H7
Organochlorine insecticides as a criterion of hygienic appropriateness, origin & method of lard production. [Food contamination]. (Cro) Adamovic, V M *Hrana Ishrana* 13 (11/12): 561-570. Eng. Sum. Nov/Dec 1972

082755 QP141.A1H7
Rules on maximum allowed quantities of pesticides in food articles & pesticides problems to be solved. (Cro) Visacki, V *Hrana Ishrana* 13 (11/12): 571-573. Eng. Sum. Nov/Dec 1972

082756 QP141.A1H7
Control of quality & hygienic adequacy of foodstuffs & general consumer goods. (Cro) Milanovic, V *Hrana Ishrana* 13 (11/12): 574-577. Eng. Sum. Nov/Dec 1972

082757 QP141.A1H7
Proofs of biologically active antibiotic residues in meat. [Cattle, feeding]. (Cro) Peric, M *Hrana Ishrana* 13 (11/12): 578-582. Eng. Sum. Nov/Dec 1972

082758 QP141.A1H7
Organisation & system of food control in meat & canned food factory '29. Novembar' Subotica. (Cro) Korolija, S *Hrana Ishrana* 13 (11/12): 583-588. Eng. Sum. Nov/Dec 1972

082759 QP141.A1H7
Olive oil quality with regard to legal provisions & recent scientific knowledge. (Cro) Ostric-Matijasevic, B *Hrana Ishrana* 13 (11/12): 589-596. Ref. Eng. Sum. Nov/Dec 1972

082760 QP141.A1H7
Appraisal of bread quality & propasals for new system of valuation. (Cro) Ramzin, S *Hrana Ishrana* 13 (11/12): 597-602. Ref. Eng. Sum. Nov/Dec 1972

082761 QP141.A1H7
Comparative investigation of methods of milk control for antibiotic residues. (Cro) Spasic, I *Hrana Ishrana* 13 (11/12): 603-609. Ref. Eng. Sum. Nov/Dec 1972

082762 QP141.A1H7
Some aspects of quality control of milk & milk products. (Cro) Rasic, J *Hrana Ishrana* 13 (11/12): 610-616. Ref. Eng. Sum. Nov/Dec 1972

082763 81 ID12
Cherry origin inspection & certification program. Ingham, H R *Idaho State Hort Soc Trans* 78: 52-54. 1973?

082764 44.8 IN282
Detection of sodium bicarbonate in milk. Mulay, C A *Indian Dairyman* 25 (1): 19-23. Jan 1973

082765 44.8 IN282
Keeping quality of pasteurised milk. Sinha, R N *Indian Dairyman* 25 (1): 25-28. Jan 1973

082766 SF481.I5
Bacteriological condition of shell eggs marketed in India. Panda, P C *Indian J Poultry Sci* 8 (1): 11-18. Ref. Jan/Mar 1973

082767 SF481.I5
Quality of shell eggs marketed in India. Panda, P C *Indian J Poultry Sci* 8 (1): 19-26. Ref. Jan/Mar 1973

082768 47.8 IN22
Inspection of poultry & poultry products for peoples protection. Sharma, N *Indian Poultry Gaz* 56 (4): 195-197. Dec 1972

082769 389.8 IN26
Changes in quality of milk, which occur during transport from supplier to consumer. (Rum) Lentoiu, T *Indus Aliment (bucuresti)* 24 (2): 72-75. Ref. Eng. Sum. Feb 1973

082770 389.8 IN26
Quality prognostic in food industry. (Rum) Segal, B *Indus Aliment (bucuresti)* 24 (3): 129-133. Ref. Eng. Sum. Mar 1973

082771 389.8 IN26
Biochemical criteria in appreciating hygienic condition & quality of tinned meat depending on freshness of raw material. (Rum) Gheorghe, V *Indus Aliment (bucuresti)* 24 (4): 199-202. Ref. Eng. Sum. Apr 1973

082772 HD9000.1.I52
For a greater economy of plants & for a more precise hygiene of slaughterhouses. (Ita) Calzolari, C *Indus Aliment (pinerolo)* 12 (93): 107-111. Mar 1973

082773 HD9000.1.I52
Prophylaxis & foodstuffs. (Ita) Dalla Torre, G *Indus Aliment (pinerolo)* 12 (93): 125-127. Mar 1973

082774 HD9000.1.I52
An international review of food additives: legislative rules in Italy. (Ita) *Indus Aliment (pinerolo)* 12 (93): 139-144. Mar 1973

082775 HD9000.1.I52
Planning of slaughterhouses with reference to modern operational standards & resolutions of hygienic problems. (Ita) Savi, P *Indus Aliment (pinerolo)* 12 (93): 89-92. Mar 1973

082776 389.8 IN23
Identification of enterotoxic staphylococci. [Food]. (Ita) Casolari, A *Indus Conserve* 48 (1): 13-18. Ref. Eng. Sum. Jan/Mar 1973

082777 389.8 IN23
Research on determination of organomercuric compounds in food products. I. Identification of methlymercuric iodide & phenylmercuric chloride by thin layer chromatography. (Ita) Gherardi, S *Indus Conserve* 48 (1): 9-12. Eng. Sum. Jan/Mar 1973

082778 390.9 IN7
Classification of certain pediococci isolated from brewery products. [Pediococcus damnosus, wort, beer.]. Solberg, O *Inst Brewing J* 79 (3): 227-230. Ref. May/June 1973

082779 390.9 IN7
Vitamin requirements of certain pediococci isolated from brewery products. [Pediococcus damnosus]. Solberg, O *Inst Brewing J* 79 (3): 231-237. May/June 1973

082780 44.8 F33
Procedures for cheese grading-ILCT. [Dairy Institute Candido Tostes]. (Por) Oliveira, C S de *Inst Laticinios Candido Tostes Rev* 27 (164): 17-20. Sept/Oct 1972

082781 44.8 F33
Microbiological quality control. [Milk]. (Por) Santiago, O *Inst Laticinios Candido Tostes Rev* 27 (165): 26-29. Nov/Dec 1972

082782 44.8 F33
Economical & legal-medical aspects of margine as an imitation of butter. (Por) Carvalho, A R de *Inst Laticinios Candido Tostes Rev* 27 (165): 7-19. Nov/Dec 1972

082783 448.3 IN72
Study of brucellosis in slaughterhouse personnel of Tunis. [Brucella suis]. (Fre) El Bahri, L *Inst Pasteur Tunis Arch* 49 (1/2): 29-34. Ref. March/June 1972

082784 TS1950.I5
Investigations on USAbility of various sets of characteristics for evaluation of meatiness & fattiness of swine carcasses. (Pol) Bochno, R *Inst Przem Miesnego Rocz* 9 (1): 13-20. Ref. Eng. Sum. 1972

082785 TS1950.I5
Comparison of the methods of pig carcasses evaluation used in Poland, France and German Federal Republic. (Pol) Wajda, S *Inst Przem Miesnego Rocz* 9 (1): 5-12. Ref. Eng. Sum. 1972

082786 TS1300.I5
Evaluation of flax quality from examination of cross-sections with optical microscope. (Fre) Jacquemart, J *Inst Text Fr Bull Sci* 2 (6): 97-110. Eng. Sum. Second Quarter 1973

082787 41.8 IO9
What is expected of a veterinary inspector at a market. Butler, E A *Iowa Vet* 44 (4): 11-12. July/Aug 1973

082788 41.8 IO9
Why swine tuberculosis is a problem to Iowa packers. [Inspection]. Ebbing, B *Iowa Vet* 44 (4): 13-14. July/Aug 1973

082789 381 J8223
Sensitive procedure for aflatoxin detection in peanuts, peanut butter, peanut meal, & other commodities. Holaday, C E *J Agr Food Chem* 21 (4): 650-652. July/Aug 1973

082790 381 J8223
New statistical approach to evaluation of lemon juice. [Citric acid adulteration]. Vandercook, C E *J Agr Food Chem* 21 (4): 681-683. July/Aug 1973

082791 23 W52J
Wheat quality in W.A. [Western Australia]. Parish, J A *J Agr West Aust* 14 (1): (Ser. 4): 156-160. Mar 1973

082792 307.8 J82
Factors affecting analytical values of beeswax & detection of adulteration. Tulloch, A P *J Amer Oil Chem Soc* 50 (7): 269-272. Ref. July 1973

082793 49 J82
Responsibility of FDA [food & Drug Administration to livestock industry & consumer. I. Objectives of Division of Nutritional Sciences. Taylor, J C *J Anim Sci* 37 (1): 213-214. July 1973

082794 49 J82
Responsibility of FDA [Food & Drug Administration] to livestock industry & consumer. II. Considerations for conducting investigational studies with food-producing animals. Graber, G *J Anim Sci* 37 (1): 215-216. July 1973

082795 49 J82
Responsibility of FDA [Food & Drug Administration] to livestock industry & consumer. III. Information relevant to human, animal & environmental safety. Alderson, N E *J Anim Sci* 37 (1): 217-218. July 1973

082796 49 J82
Responsibility of FDA [Food & Drug Administration] to livestock industry & consumer IV. Approaches to generating experimental data. [Feed additives, hormones]. Price, W D *J Anim Sci* 37 (1): 219-220. July 1973

082797 49 J82
Responsibility of FDA [food & Drug Administration] to livestock industry & consumer, v. Statistical evaluation & interpretation of experimental data. Condon, R J *J Anim Sci* 37 (1): 221-222. July 1973

082798 49 J82
Responsibility of FDA [Food & Drug Administration] to livestock industry & consumer. VI. Product stability & labeling for animal drugs & other feed additives. Knight, W M *J Anim Sci* 37 (1): 223-225. July 1973

082799 49 J82
Diet, sex & vacuum packaging effects on pork aging. Ramsey, C B *J Anim Sci* 37 (1): 40-48. July 1973

082800 49 J82
Effect of feeding roasted soybeans on cured pork palatability. Olson, D G *J Anim Sci* 37 (1): 49-55. Ref. July 1973

082801 475 J824
Simultaneous detection of metabolites from several toxigenic fungi. [Alternaria, Aspergillus, Penicillium, food]. Pero, R W *J Chromatography* 80 (2): 255-258. June 13, 1973

082802 44.8 J822
Reduction of shelf-life of dairy products by a heat-stable protease from Pseudomonas fluorescens P26. White, C H *J Dairy Sci* 56 (7): 849-853. July 1973

082803 389.8 J823
Comparative antioxygenic properties of citrous bioflavonoids & synthetic antioxidants in foods. Arya, S S *J Food Sci Technol (mysore)* 10 (1): 12-15. Ref. Jan/Mar 1973

082804 389.8 J823
Further studies on microbiological quality of cashewnut (Anacardium occidentale). Krishnaswamy, M A *J Food Sci Technol (mysore)* 10 (1): 24-26. Ref. Jan/Mar 1973

082805 389.8 J823
Fish protein concentrates: recent advances. Moorjani, M N *J Food Sci Technol (mysore)* 10 (1): 3-8. Ref. Jan/Mar 1973

082806 389.8 J823
Non-permitted colours in food & their toxicity. Khanna, S K *J Food Sci Technol (mysore)* 10 (1): 33-36. Ref. Jan/Mar 1973

082807 389.8 J823
Bacteriological quality of market milk in Poona. [India]. Thekdi, R J *J Food Sci Technol (mysore)* 10 (1): 45-47. Jan/Mar 1973

082808 389.8 F7322
Postmortem quality changes in iced Pacific shrimp (Pandalus jordani). Flores, S C *J Food Sci* 38 (4): 575-579. Ref. May/-June 1973

082809 389.8 F7322
Bacterial counts & rancidity estimates of stored quick-salted fish cakes. Valle, F R del *J Food Sci* 38 (4): 580-582. May/June 1973

082810 389.8 F7322
A study on survival of Staphylococcus aureus in dark & milk chocolate. [Contamination]. Ostovar, K *J Food Sci* 38 (4): 663-665. Ref. May/June 1973

082811 389.8 F7322
Identification & characterization of microflora & spoilage bacteria in freshwater crayfish Procambarus clarkii (Girard). Cox, N A *J Food Sci* 38 (4): 679-681. Ref. May/June 1973

082812 389.8 F7322
Use of penetrometer for deformation testing of foods. [Quality]. Bourne, M C *J Food Sci* 38 (4): 720-721. May/June 1973

082813 389.8 F7322
Mercury in food: a scientific status summary by Institute of Food Technologists' Expert Panel on Food Safety & Nutrition. *J Food Sci* 38 (4): 729-733. Ref. May/June 1973

082814 TP368.J6
Mercury in fish & shellfish. A review. Holden, A V *J Food Technol* 8 (1): 1-25. Ref. Mar 1973

082815 TP368.J6
Effects of ultraviolet irradiation on growth of micro-organisms on chilled beef slices. Kaess, G *J Food Technol* 8 (1): 59-69. Mar 1973

082816 TP368.J6
Quality assessment of beetroot from storage. Gormley, T R *J Food Technol* 8 (1): 77-87. Mar 1973

082817 TP368.J6
Wholesomeness of some types of semi-preserved foods. Mossel, D A A *J Food Technol* 8 (1): 97-103. Ref. Mar 1973

082818 449.8 J82
Observations on microbiological flora of canned Parma ham. Cragg, J *J Hyg* 71 (2): 417-422. Ref. June 1973

082819 44.8 J824
Effect of temperature & pH [hydrogen-ion concentration] on growth & enterotoxin production by Staphylococcus aureus. [Food poisoning]. Scheusner, D L *J Milk Food Technol* 36 (5): 249-252. Ref. May 1973

082820 44.8 J824
Microbiological, chemical, & organoleptic characteristics of frozen breaded raw shrimp. Vanderzant, C *J Milk Food Technol* 36 (5): 253-261. Ref. May 1973

082821 44.8 J824
Bacteriophage typing of staphylococci isolated from foodstuffs & food handlers in Tehran. [Iran]. Malaki, M *J Milk Food Technol* 36 (5): 262-266. Ref. May 1973

082822 44.8 J824
Use of thiolated aminoethyl cellulose to remove mercury bound to solubilized fish protein. [Contamination]. Lee, S Y *J Milk Food Technol* 36 (5): 267-271. Ref. May 1973

082823 44.8 J824
Effect of selected coating materials on bacterial penetration of avian egg shell. [Contamination]. Tryhnew, L J *J Milk Food Technol* 36 (5): 272-275. Ref. May 1973

082824 44.8 J824
Water relations of food-borne bacterial pathogens; a review. Troller, J A *J Milk Food Technol* 36 (5): 276-288. Ref. May 1973

082825 44.8 J824
Viruses in foods. Potter, N N *J Milk Food Technol* 36 (6): 307-310. Ref. June 1973

082826 44.8 J824
Experimental survival studies of Sporothrix schenckii in a meat product. Scharding, J H *J Milk Food Technol* 36 (6): 311-314. June 1973

082827 44.8 J824
Incidence of salmonellae in commercially prepared sandwiches for vending trade. Khan, N A *J Milk Food Technol* 36 (6): 315-316. June 1973

082828 44.8 J824
Fate of Bacillus cereus in cultured & direct acidified skimmilk & Cheddar cheese. Miklajcik, E M *J Milk Food Technol* 36 (6): 317-320. Ref. June 1973

082829 44.8 J824
Effect of egg shell sweating on microbial spoilage of chicken eggs. Vadehra, D V *J Milk Food Technol* 36 (6): 321-322. June 1973

082830 44.8 J824
Red meat & poultry inspection: microbiology of equipment & processing. Elliott, R P *J Milk Food Technol* 36 (6): 337-339. June 1973

082831 44.8 J824
Food regulatory activities. Wodicka, V O *J Milk Food Technol* 36 (6): 349-353. June 1973

082832 49 N62
Effect of heat-treatment on amount of free lipids released from isolated metochondrial fraction of skeletal muscle tissue. [Chicken, food spoilage]. (Jap) Yamauchi, K *Jap J Zootech Sci* 44 (4): 201-206. Ref. Eng. Sum. Apr 1973

082833 49 N62
Effect of myoglobin on development of oxidative rancidity in isolated mitochondrial fraction from skeletal muscle tissue. [Chicken]. (Jap) Yamauchi, K *Jap J Zootech Sci* 44 (4): 207-211. Ref. Eng. Sum. Apr 1973

082834 41.9 J275
A survey on Salmonella contamination of chicken meat & its prevention. IV. Application of chlorination to cooling water. (Jap) Watanabe, A *Jap Vet Med Ass J* 26 (4): 177-183. Ref. Eng. Sum. Apr 1973

082835 107.6 K113
Studies on noodles. I. On instrument for testing physical quality of noodles. (Jap) Fukui, Y *Kagawa Univ Fac Agr Tech Bull* 24 (2): 221-227. Ref. Eng. Sum. Mar 1973

082836 389.8 K13
Studies on canned bamboo shoots. 3. On increase of microorganisms of bamboo shoots during period they are soaked in water. (Jap) Mori, D *Kanzume Jiho* 52 (4): 77-79. Eng. Sum. Apr 1973

082837 389.8 K13
Studies on canned bamboo shoots. 4. On disintegrating bacteria of bamboo shoots. (Jap) Mori, D *Kanzume Jiho* 52 (4): 80-83. Eng. Sum. Apr 1973

082838 389.8 K13
Studies on canned bamboo shoots. 5. Spoilage bacteria on bam boo shoots packed in large cans. (Jap) Ikegami, Y *Kanzume Jiho* 52 (4): 84-87. Eng. Sum. Apr 1973

082839 11 L234
Abuse of antibiotics – one kind of medical environmental problem. [Contamination]. (Swe) Ludtke, F *Lantmannen* 84 (2): 16-17. Feb 2, 1973

082840 44.8 L35
Existence of 'garlic-mustard' odor in Parmesan cheese. (Ita) Dellaglio, F *Latte* 47 (1): 31. June 1973

082841 44.8 L35
Control of molds in cheese manufacture. (Ita) Ligugnana, R *Latte* 47 (1): 34. June 1973

082842 44.8 L35
Protection of foods & human safety. (Ita) Rigi-Luperti, A *Latte* 47 (3): 178-181. Mar 1973

082843 TP368.L4
Influence of processing factors on quality characteristics of short-cut country-style hams. Heaton, E K *Lebensm-Wiss Technol* 6 (2): 48-51. 1973

082844 TP368.L4
Microogranisms in margarine deterioration. Castanon-Velez, M *Lebensm-Wiss Technol* 6 (2): 70-72. Ref. 1973

082845 QP751.L5
Novel methods for evaluating deterioration & nutritive value of oxidized oil. Akiya, T *Lipids* 8 (6): 348-352. Ref. June 1973

082846 QP751.L5
Characterization of toxic compound in thermally oxidized oil. [Soybean oil]. Ohfuji, T *Lipids* 8 (6): 353-359. Ref. June 1973

082847 44.8 M26
Influence of gas packaging on growth of mold & yeast in yoghurt. (Dan) Jorgensen, H *Maelkeritidende* 86 (21): 534-539. May 25, 1973

082848 10 M312
Changes in meat grading & pricing structure. 1. [Isle of Man]. *Manx J Agr* (New Ser.) 27: 45-49. Spring 1973

082849 41.8 M463
Residue of polychloric insecticides in fat of chickens broiler derived from five different countries. (Pol) Juszkiewicz, T *Med Wet* 29 (4): 229-231. Ref. Eng. Sum. Apr 1973

082850 16 M583
Apllication of Cidial (phenotate) for control of parasitic insects of stored grains; metabolism, residues & technical, commercial, hygienic, sanitary implications. [Sitophilus granari (Fre) Bazzi, B *Milan Ist Ric Agr Contrib* 11: 27-29. Eng Sum. 1970/1971 (Pub. Dec. 1972)

082851 16 M583
Investigation on residues of dimethoate in pastures, meat & bovine fat. (Spa) Santa Maria, H C *Milan Ist Ric Agr Contrib* 11: 5-20. Ref. Eng. Sum. 1970/1971 (Pub. Dec. 1972)

082852 298.8 M622
Redesigned flour grader avoids heat drift. Amos, A J *Milling* 155 (4): 35, 37. Apr 1973

082853 105.9 K696
Grading & sorting of various types of apricot. (Ger) Plock, H *Mitt Rebe Wein Obstbau Fruchteverwert* 23 (1): 53-65. Eng. Sum. Jan 1973

082854 44.8 M694AC
Quality of homemade fresh cheese. (Cro) Sabados, D *Mljekarstvo* 23 (3): 50-54. Mar 1973

082855 44.8 M694AC
Research on a fungicide preparation for surface protection of Trappist cheese during its ripening. (Cro) Vujicic, I F *Mljekarstvo* 23 (3): 54-58. Eng. Sum. Mar 1973

082856 389.9 N814
Feeds, fertilizers, pesticides, 1972 report. [Inspection]. *N Dak State Lab Dep Bull* 170, 73 P. May 1973

082857 389.8 N142
Statements concerning occurrence of organochlorine pesticides in school meals in German Democratic Republic. (Ger) Thurm, V *Nahrung* 17 (2): 125-131. Eng. Sum. 1973

082858 389.8 N142
On necessity & possiblilites of toxicoligical-chemical control of contaminated foods. Proposal of a control system. (Ger) Thurm, V *Nahrung* 17 (2): 133-138. Eng. Sum. 1973

082859 389.8 N142
On necessity & possiblilites of toxicological-chemical control of contaminated foods. II. Results from determinations performed in framework of previously described control system. (Ger) Thurm, V *Nahrung* 17 (2): 139-145. Ref. Eng. Sum. 1973

082860 389.8 N142
Determination of pesticide residues in bee honey. I. Semiquantitative thin-layer chromatographic determination of insecticide residues in bee honey. (Ger) Muller, B *Nahrung* 17 (3): 381-386. Ref. Eng. Sum. 1973

082861 389.8 N142
Determination of pesticide residues in bee honey. II. Semiquantitative thin-layer chromatographic determination of herbicide residues in bee honey. (Ger) Muller, B *Nahrung* 17 (3): 387-392. Eng. Sum. 1973

082862 SF221.N44
Bacteriological aspects of bulk milk collection. [Pseudomonas, Aeromonas, Bacillus cereus]. (Dut) Stadhouders, J *Nizo Meded Ned Inst Zuivelonderz* 8: 24-40. Ref. Eng. Sum. Apr 1, 1973

082863 SF221.N44
Copper contamination in modern milk production. (Dut) Duin, H van *Nizo Meded Ned Inst Zuivelonderz* 8: 41-46. Eng. Sum. Apr 1, 1973

082864 SF221.N44
Quality of pasteurized milk & milk products made from bulk collected milk. [Bacillus cereus]. (Dut) Labots, H *Nizo Meded Ned Inst Zuivelonderz* 8: 47-53. Eng. Sum. Apr 1, 1973

082865 41.8 N922
On presnece of inhibiting substances in muscular tissue & kidneys of regularly slaughtered suckling calves. [Tetracycline]. (Ita) Gasparini, U *Nuova Vet* 48 (6): 327-331. Ref. Eng. Sum. Nov/Dec 1972

082866 QP141.A1N8
Joint FAO-WHO [Food & Agriculture Organization/ World Health Organization] food standards programme, Codex Alimentarius Commission. Kermode, G O *Nutr Newslett* 11 (1): 1-35. Jan/Mar 1973

082867 100 OH3S (3)
Consumer attitudes & store performance: food specials merchandising. Doehler, R C *Ohio Rep Res Develop Agr Home Econ Natur Resour* 58 (3): 67-69. May/-June 1973

082868 464.9 P482
Recurrent pesticide residues in food. (Ger) Beran, F *Pflanzenarzt* 26 (4): 36-38. Apr 1973

082869 22 P693
Importance of inspection & sampling in tea auctions. [India]. Varghese, M M *Planters Chron* 68 (11): 237. June 1, 1973

082870 21 R862
New regulations concerning production, use & quality control of seed & planting material in Socialist Republic of Romania. (Rum) Dan, A *Probl Agr (bucharest)* 25 (2): 57-64. Feb 1973

082871 SB950.A1P3
A new biocide for protection of pruduce in storage. [Tricidal]. Cywinski, J W *PAns Pest Artic News Summ* 19 (2): 261-262. June 1973

082872 295.9 N57
Analytical methods for food inspection. 6. [Insecticides, fungicides, plant growth regulators, residnes]. (Jap) Sasayama, S *Reito Kucho Gijutsu (air Cooled Refrig Technol)* 24 (278): 47-58 1973

082873 T1.R42
A rapid clean-up procedure for isolation of chlorinated pesticides in milk, fats & oils. Mukherjee, G *Res Ind* 17 (3): 101-102. Sept 1972

082874 49 P943
Organoleptic test as means of sanitary veterinary control & survey of foods & conditions under which it is carried out. (Rum) Mihaescu, O *Rev Zootech Med Vet* 23 (4): 62-64. Apr 1973

082875 49 P943
Study of enteroccoci strains (Streptococcus faecalis D – Lancefield group) isolated from milk samples & dairy products before & after pasterurization. (Rum) Gogoasa, V *Rev Zootech Med Vet* 23 (4): 74-80. Ref. Eng. Sum. Apr 1973

082876 307.8 OL3
Considering determination of 2 position acid content in triglycerides by pancreatic lipase. [Olive oils, adulteration]. (Ita) Taponeco, G *Riv Ital Sostanze Grasse* 50 (1): 5-10. Ref. Eng. Sum. Jan 1973

082877 80 SCH9
Detection of adulteration in apple juice concentrate. (Ger) Tanner, H *Schweiz Z ObstWeinbau* 109 (12): 287-300. Ref. May 26, 1973

082878 442.9 SO1
Disulfide – toxicity relationship of botulinal toxin types A, E, & F. [Food, Clostridium botulinum]. Sugiyama, H *Soc Exp Biol Med Proc* 143 (3): 589-591. July 1973

082879 SF601.S8
Veterinary responsibilities at Swaziland's export abattoir. [Animal health, meat inspection]. Walker, W D *State Vet J* 27 (81): 216-219. Sept 1972

082880 SF601.S8
Meat & Livestock Commission: veterinary aspects. Melrose, D R *State Vet J* 28 (82): 1-12. Jan 1973

082881 41.9 SV23
Urticaria caused by preservatives & color additives in food & medications. (Swe) Juhlin, L *Svensk Veterinartidn* 25 (12): 408-410. June 1973

082882 44.8 OF2
Aflatoxins or flavacoumarins & their properties: case of milk & dairy products. (Fre) Jacquet, J *Tech Lait* 28 (775): 27-29. Apr 10, 1973

082883 44.8 OF2
Quality assurance & dairy industry. (Fre) Boisseau, M *Tech Lait* 28 (775): 35-37. Apr 10, 1973

082884 44.8 OF2
Reflections on quality. [Agricultural products]. (Fre) Francois, M *Tech Lait* 28 (775): 39, 41. Apr 10, 1973

082885 304.8 T293
A comparison of some phosphorus amides as flame retardants for cotton. Morris, C E *Textile Res J* 43 (6): 336-341. Ref. June 1973

082886 41.8 T431
Studies on incidence of Salmonella in a butcher's shop at which fresh poultry & parts of poultry were sold unwrapped. (Dut) Kool, W H *Tijdschr Diergeneesk* 98 (10): 503-506. Eng. Sum. May 15, 1973

082887 41.8 T431
Contamination of milk by urine containing penicillin. (Dut) Os, J L van *Tijdschr Diergeneesk* 98 (11): 547-548. Eng. Sum. June 1, 1973

082888 286.89 T552
Insecticide residues on 1971 U.S. tobacco products. Domanski, J J *Tobacco (new York)* 175 (12): 39-40. June 8, 1973

082889 385 T573B
Lead residues in marketable vegetables & fruits. 4. (Jap) Watanabe, T *Tokyo Agr Chem Insp Sta Bull* 12: 107-108. Eng. Sum. Oct 1972

082890 385 T573B
BHC [Benzene hexachloride] in milk. [Feed, cows]. (Jap) Kawahara, T *Tokyo Agr Chem Insp Sta Bull* 12: 23-27. Eng. Sum. Oct 1972

082891 1 AG84MR
Cost of marketing U.S. Livestock through dealers & public agencies. Agnew, D B *U S D A Mkt Res Rep* 998, 23 P., Map. June 1973

082892 41.8 J93
Slaughter of livestock regulations & control of foodstuffs of animal origin during national liberation war of Slovenia. (Cro) Dolenc, M *Vet Glas* 26 (12): 927-930. 1972

082893 41.8 V6494
A contribution to knowledge of species of fungi found in different kinds of cheese on market. (Cro) Aganovic, N *Veterinaria (Sarajevo)* 21 (3): 323-326. Ref. Eng. Sum. 1972

082894 41.8 V6494
A contribution to knowledge of mycoflora of some milk products & margarine. (Cro) Aganovic, N *Veterinaria (Sarajevo)* 21 (3): 327-331. Ref. Eng. Sum. 1972

082895 41.8 V6494
A contribution to investigation of exterior radiocontamination of fresh mutton with 137-Cs. [Cesium]. (Cro) Kralj, J *Veterinaria (Sarajevo)* 21 (4): 497-504. Ref. Eng. Sum. 1972

082896 41.8 V6494
A contribution to study of procedure of quantitative microbiological analysis for determination of hygienic quality of foods & fodder. (Cro) Milanovic, A *Veterinaria (Sarajevo)* 21 (4): 537-554. Ref. Eng. Sum. 1972

082897 80 V662
Requirements for export. [Fruit]. Foster, E L *Victorian Hort Dig* 17 (1): 2-3. 1973

082898 384 Z39
Determination of aflatoxin M1 & M2 in milk. (Ger) Kiermeier, F *Z Lebensmittel-untersuchung -Forsch* 152 (1): 18-24. Ref. Eng. Sum. 1973

082899 448.3 C33 (1)
Studies on suitability of sulphite cycloserine agar for enumeration of Clostridium perfringens in food & water. Mossel, D A A *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig* 223 (4): 559-561. May 1973

082900 41.8 Z72
Research on arsenic content of some molluscs & crustacea destined for market. [Contamination]. (Ita) De Battistis, P *Zooprofilassi* 27 (9/10): 405-409. Ref. Sept/Oct 1972

082901 41.8 Z72
Research on arsenic content of eggs of chickens after administration of arsenic compounds. [Contamination]. (Ita) De Battisti, P *Zooprofilassi* 27 (9/10): 411-416. Sept/Oct 1972

HUMAN NUTRITION

082902 QP1.A25
Synergism of iron & copper in process of absorption & utilization of these components from food. [Human nutrition]. Bartnik, J *Acta Physiol Pol (engl Lang Ed)* 23 (2): 315-324. Ref. 1972 Translated 1973

082903 1.98 AG84
Milk products for lactose-intolerant. [Diet]. *Agric Res* 21 (12): 3-4. June 1973

082904 1.98 AG84
Americans are eating more sugar. *Agric Res* 21 (12): 4-5. June 1973

082905 389.8 J824
Variability of creatinine excretion in preadolescent girls consuming a wide range of dietary nitrogen. Ritchey, S J *Amer J Clin Nutr* 26 (7): 690-695. Ref. July 1973

082906 389.8 J824
Nitrogen balances of adult human subjects fed combinations of wheat, beans, corn, milk, & rice. Clark, H E *Amer J Clin Nutr* 26 (7): 702-706. Ref. July 1973

082907 389.8 J824
Folate content of diets in pregnancy: comparison of diets collected at home & diets prepared from dietary records. Moscovitch, L F *Amer J Clin Nutr* 26 (7): 707-714. Ref. July 1973

082908 389.8 J824
Serum amino acids in young men consuming diets differing in level & pattern of amino acids. Weller, L A *Amer J Clin Nutr* 26 (7): 722-727. Ref. July 1973

082909 389.8 J824
Copper metabolism in young women fed two levels of copper & two protein sources. Butler, L C *Amer J Clin Nutr* 26 (7): 744-749. Ref. July 1973

082910 389.8 J824
Neglect of nutrition & its perils. Peters, R A *Amer J Clin Nutr* 26 (7): 750-757. Ref. July 1973

082911 389.8 J824
Nutrition: its relationship to children's physical, mental, & emotional development. Martin, H P *Amer J Clin Nutr* 26 (7): 766-775. Ref. July 1973

082912 442.9 IN7
Some reflections on protein. [Nutrition]. Bunting, A H *Biologist* 20 (2): 65-68. May 1973

082913 297.9 B232
Micronutrients in food salt consumed in Italy under government monopoly. (Ita) Santoprete, G *Bologna Univ Inst Merc Quad Merc* 11 (2): 141-160. Ref. Eng. Sum. July/Dec 1972 (Pub. 1973)

082914 297.9 B232
Micronutrients in canned meats. (Ita) Lipparini, L *Bologna Univ Inst Merc Quad Merc* 11 (2): 161-172. Ref. Eng. Sum. July/Dec 1972 (Pub. 1973)

082915 59.8 C33
Effect of cellulose & wheat mill-fractions on plasma & liver cholesterol levels in cholesterol-fed rats. [Human nutrition]. Ranhotra, G S *Cereal Chem* 50 (3): 358-363. Ref. May/June 1973

082916 59.8 C333
Palatability & colorimetric characteristics of sponge cakes prepared with egg yolks of varying color intensities & hues. McCready, S T *Cereal Sci Today* 18 (7): 202-205. July 1973

082917 47.8 C81
What's in an egg? [Nutritive value]. Bell, D *Cornell Poultry Pointers* 25 (2): 10-12. June 1973

082918 389.8 IC2
Milk is a (not quite) perfect food. Bassett, H J *Dairy Ice Cream Field* 156 (6): 48, 50, 52. June 1973

082919 HD9437.D4D3
Eggs & cholesterol. (Dan) Jorgensen, H *Dan Erhvervsfjerkrae* 2 (10): 222-223. May 15, 1973

082920 389.8 D482
Amino acids, additives? [Food]. (Ger) Lang, K *Deut Lebensmittel-rundsch* 69 (5): 181-184. May 1973

082921 389.9 D832
Physical & nutritional properties of rapid production prune juice & apricots. Bolin, H R *Dried Fruit Indus Res Adv Comm Proc* 11Th: 1-8. 1972

082922 280.8 EC7323
Effect of processing on nutritive value of fruit juice. Tannous, R I *Econ Rurale Liban* 42: 78-80. July/Sept 1972

082923 389.9 EL2
Quantitative determination of L-ascorbic acid on basis of Prussian blue colour reaction, using photometric evaluation. I. (Hun) Vamos, K *Elelmiszervizsgalati Kozlem* 19 (1/2): 83-89. Eng. Sum. 1973

082924 105.8 G36E
Biological value of synthetic protein carriers. (Ger) Wagner, K H *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 426-437. 1972

082925 105.8 G36E
Structural change of nutrition in German Federal Republic & its correlation with diseases of civilization. (Ger) Buchhaupt, K *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 438-499. 1972

082926 105.8 G36E
Problems of human nutrition by using large kitchens. (Ger) Wagner, K H *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 455-468. 1972

082927 389.8 ER66
On theme: Food taboos; remarks on contribution 'Nutrition taboos: Test of an interpretation', by Angelika Huber & Walter Feldheim, Ernahrungs-Umschau 19 (1972) pages 313-315. (Ger) Heun, E *Ernahr-umsch* 20 (4): 109-110. Apr 1973

082928 389.8 ER66
Rebuttal. [Human nutrition]. (Ger) Huber, A *Ernahr-umsch* 20 (4): 110-11. Apr 1973

082929 389.8 ER66
National nutrition survey in Japan. Fujisawa, Y *Ernahr-umsch* 20 (5): 160-162. May 1973

082930 389.8 ER66
Food supply & nutritional condition of individual groups in population of Federal Republic. (Ger) Wirths, W *Ernahr-umsch* 20 (5): 166-169. Ref. May 1973

082931 389.8 ER66
Excessive water drinking, its causes & consequences. (Ger) Glatzel, H *Ernahr-umsch* 20 (5): 173-176. Ref. May 1973

082932 TX341.F3
Mushrooms for main course. Gormley, T R *Farm Food Res* 4 (2): 42-43. Mar/Apr 1973

082933 S19.F37
Importance of protein in human diet. Giriraj, K *Farmer Parliament* 8 (1): 23, 30. Jan 1973

082934 24 SO842
World needs protein – a piece of textured artificial meat or soy 'drumsticks' perhaps? [Nutrition]. Coetzee, V V *Farming S Afr* 48 (12): 18-19. Mar 1973

082935 SF481.F53
Eggs – our best food. (Swe) Soderberg, S *Fjaderfa* 66 (6): 176-177. June 1973

082936 389.8 F737
Guidelines for nutrifying 41 processed foods. Baurenfeind, J C *Food Eng* 45 (6): 91-94, 97, 100. Ref. June 1973

082937 HD9000.1.F63
Petroleum may help solve world protein crisis. [Human nutrition]. McDowall, W R *Food Indus J* 5 (9): 15-16. Feb 1973

082938 HD9000.1.F63
Sukhadi: a nutritious & cheap food. Chatterjee, A C *Food Indus J* 5 (9): 3. Feb 1973

082939 HD9000.1.F64
Novel gel system, citrus yield ready-to-eat products. McCormick, R D *Food Prod Develop* 7 (5): 17, 20. June 1973

082940 HD9000.1.F64
Carbohydrates as nutrients. Lachance, P A *Food Prod Develop* 7 (6): 29, 32-34. Ref. July/Aug 1973

082941 HD9000.1.F64
Considerations for choosing right plant protein. Mattil, K F *Food Prod Develop* 7 (6): 40, 42, 44. July/Aug 1973

082942 275.29 H312AE
Fish on menu. Orr, K J *Hawaii Univ Ext Agr Econ Rep* 474, 9 P. Apr 1973

082943 44.8 H65
Cholesterol & dairy products – are they friends or foes? Branen, A L *Hoards Dairyman* 118 (12): 773, 792. June 25, 1973

082944 TX1.H63
Tissue composition changes in mature rats fed a cellulose bulking agent. [Human nutrition]. Ahrens, R A *Home Econ Res J* 1 (1): 13-18. Ref. Sept 1972

082945 384 Z38
On determination of biological value of dietary proteins. XVII: biological value of different amino acid soolutions after oral & parenteral application. (Ger) Muller-Wecker, H *Hoppe-seylers Z Physiol Chem* 354 (5): 527-542. Eng. Sum. May 1973

082946 QP141.A1H7
Comparative investigation of composition of fats in milk, human milk & preparations designed for child nutrition. (Cro) Miric, M *Hrana Ishrana* 13 (11/12): 527-531. Ref. Eng. Sum. Nov/Dec 1972

082947 QP141.A1H7
Effect of change in type of fat at differnet concentrations in diet on blood cholesterol level. [Human nutrition]. (Cro) Radonicic, D *Hrana Ishrana* 13 (11/12): 532-538. Ref. Eng. Sum. Nov/Dec 1972

082948 TP368.I8
Rice: a genuine nutritional food. (Ita) Ciusa, W *Ind Agrar* 11 (2): 92-96. Eng. Sum. Feb 1973

082949 389.8 IN24
Incorporation of 'krill' into human food supply. (Spa) Mareiro, *Indus Conserv* 39 (40): 5-6. Jan 31, 1973

082950 44.8 F33
New dairy products. Nutritional education. (Por) Carneiro Filho, J J *Inst Laticinios Candido Tostes Rev* 27 (164): 11-15. Sept/Oct 1972

082951 381 J8223
Gel electrophoretic analysis of peanut proteins & enzymes. I. Characterization of DEAE-dellulose separated fractions. Cherry, J P *J Agr Food Chem* 21 (4): 652-655. Ref. July/Aug 1973

082952 381 J8223
Gel electrophoretic analysis of peanut proteins & enzymes. II. Effects of thiol reagents & frozen storage. Cherry, J P *J Agr Food Chem* 21 (4): 656-660. Ref. July/Aug 1973

082953 381 J8223
Identification of volatile compounds from heated L-cysteine. HC1/d-glucose. Scanlan, R A *J Agr Food Chem* 21 (4): 673-675. Ref. July/Aug 1973

082954 389.8 J823
Bulgur wheat. Shetty, M S *J Food Sci Technol (mysore)* 9 (4): 163-165. Ref. Dec 1972

082955 389.8 J823
Precooked Bal-Ahar & Indian Multipurpose food. Prasannappa, G *J Food Sci Technol (mysore)* 9 (4): 174-184. Dec 1972

082956 389.8 J823
Changes in nitrogenous constituents of staple foods & feeds during storage. II. Changes in protein solubility & adsorption of sulphonic dyes. Ben-Gera, I *J Food Sci Technol (mysore)* 9 (4): 200-204. Ref. Dec 1972

082957 389.8 F7322
Flavor & chemical characteristics of conventionally & microwave reheated pork. Penner, K K *J Food Sci* 38 (4): 553-555. Ref. May/June 1973

082958 389.8 F7322
Some aspects of raw meat tenderness. A study of some factors affecting its change with cooking & a new means of measurement. Purchas, R W *J Food Sci* 38 (4): 556-559. Ref. May/June 1973

082959 389.8 F7322
Freezing of raw beef: influence of aging, freezing rate & cooking method on quality & yield. Jakobsson, B *J Food Sci* 38 (4): 560-565. Ref. May/June 1973

082960 389.8 F7322
Nutritive content of canned tomato juice & whole kernel corn. Farrow, R P *J Food Sci* 38 (4): 595-601. Ref. May/June 1973

082961 389.8 F7322
Composition of three food products containing defatted corn germ flour. Blessin, B C W *J Food Sci* 38 (4): 602-606. Ref. May/June 1973

082962 389.8 F7322
Comparison of protein nutritional value of TVP, [textured vegetable protein] methionine-enriched TVP & beef for adolescent boys. Korslund, M *J Food Sci* 38 (4): 637-638. May/June 1973

082963 389.8 F7322
Aroma of canned beef: models for correlation of instrumental & sensory data. Persson, T *J Food Sci* 38 (4): 682-689. Ref. May/June 1973

082964 389.8 F7322
Quantitative changes in whole myofibrils & myofibrillar proteins during frozen storage of true cod. Childs, E A *J Food Sci* 38 (4): 718-719. Ref. May/June 1973

082965 389.8 F7322
Flavor detection threshold values for ethyl caprylate & phenyl ethyl alcohol & estimates of percent population having greater sensitivity. [Corn oil]. Powers, J J *J Food Sci* 38 (4): 724-725. Ref. May/-June 1973

082966 389.8 J82
A conspectus of research of calcium requirements of man. Irwin, M I *J Nutr* 103 (7): 1019-1095. Ref. July 1973

082967 44.8 L35
Fresh milk: nutritive value with arbitrary priority. (Ita) Bonetti, F *Latte* 42 (2): 98-100. Feb 1973

082968 44.8 L35
Fresh milk: nutritive value with arbitrary priority. (Ita) Gatti, E *Latte* 47 (1): 28-30. June 1973

082969 389.8 M66
Calorie supplementation of a hyproprotein diet in chronic uremia. (Ita) Cioni, L *Minerva Dietol* 12 (4): 125-127. Ref. Eng. Sum. Oct/Dec 1972

082970 389.8 M66
Biological effects of heated fats. [Human nutrition]. (Ita) Viola, P *Minerva Dietol* 12 (4): 128-132. Ref. Eng. Sum. Oct/Dec 1972

082971 389.8 M66
Notes on eutrophic action of a 'natural food' in a group of psychiatric patients. [Queen bee embryos, pollen, honey]. (Ita) Monteverdi, T *Minerva Dietol* 12 (4): 133-144. Ref. Eng. Sum. Oct/Dec 1972

082972 389.9 SW6
A study of literature about analytical methods for determination of tocopherols (vitamin E): A literature survey. (Ger) Uebersax, P *Mitt Geb Lebensmitteluntersuch Hyg* 63 (4): 469-478. Ref. Eng. Sum. 1972

082973 44.8 M694AC
Cheese as a protein source. (Cro) Petrovic, D *Mljekarstvo* 23 (3): 66-70. Mar 1973

082974 298.8 M73
Importance of carbohydrates in human nutrition. (Ita) Ruffo, A *Molini Ital* 24 (3): 89-91. Mar 1973

082975 500 N484
Food plants. [Nutrition, plant proteins]. Borgstrom, G *N Y Acad Sci Ann* 216: 105-110. May 18, 1973

082976 389.8 N142
Concept of balanced nutrition & its application. (Ger) Pokrovskij, A A *Nahrung* 17 (2): 113-124. Eng. Sum. 1973

082977 389.8 N142
Food consumption and the calorie and nutrient intake in pensioners' households in the German Democratic Republic. II. Dependence on expenses for food. (Ger) Pose, G *Nahrung* 17 (3): 265-276. Eng. Sum. 1973

082978 389.8 N142
Food consumption & calorie & nutrient intake in pensioners' households in German Democratic Republic. III. Dependence on type of household. (Ger) Mohr, M *Nahrung* 17 (3): 277-285. Ref. Eng. Sum. 1973

082979 389.8 N142
New scientifically founded dietary allowances for population of Slovak Socialist Republic. (Ger) Kajaba, I *Nahrung* 17 (3): 287-305. Ref. Eng. Sum. 1973

082980 389.8 N142
Vitamin B12 content of certain Hungarian foods. (Ger) Hegedus, M *Nahrung* 17 (3): 393-397. Ref. Eng. Sum. 1973

082981 QP141.A1N8
Trace elements – toward definition of dietary allowances. I. Manganese. Rao, M N *Nutr Newslett* 10 (4): 1-7. Ref. Oct/-Dec 1972

082982 100 OH3S (3)
Study impact of food & nutrition education program. Napier, T L *Ohio Rep Res Develop Agr Home Econ Natur Resour* 58 (3): 75-77. May/June 1973

082983 8 P832J
Crude fat or ethyl ether extract determination in coconut milk. Cancel, L E *P R Univ J Agr* 57 (2): 169-171. Apr 1973

082984 386.3 P84
Nutrition in old age. (Ger) Ketz, H A *Potsdam Inst Ernahr Ernahrungsforsch Ber Mitt* 17 (3): 351-389. Ref. 1973

082985 449.8 P92
Growing children need more vitamin C. Maxton, C *Prevention* 25 (6): 122-123, 126-129. June 1973

082986 14 P944
Place of dairy products in human nutrition. (Fre) Peeters, E G *Propr Terrienne* 26 (305): 192-193. May 1973

082987 424.8 P954
Investigations on bee royal jelly. [Nutritive value]. (Pol) Miskiewicz, W *Pszczelnicze Zeszyty Nauk* 16: 181-188. Ref. Eng. Sum. Nov 1972

082988 S1.A4
An economic analysis of red meat, fish, poultry & wild game consumption patterns in Anchorage, Alaska. Thomas, W C *Res Rep Univ Alaska Inst Agric Sci* 73-4, 39 P. Mar 1973

082989 307.8 R32
Food uses of soybean flour in relation with its proteic value. (Fre) Engrand, M *Rev Franc Corps Gras* 20 (4): 193-202. Eng. Sum. Apr 1973

082990 49 P943
Some problems associated with appreciation of nutritive aspects of fishes. (Rum) Gheorghe, V *Rev Zootech Med Vet* 23 (4): 70-73. Ref. Apr 1973

082991 470 SCI2
Eelgrass (Zostera marina L.) in Gulf of California: discovery of its nutritional value by Seri Indians. Felger, R *Science* 181 (4097): 355-356. Map. Ref. July 27, 1973

082992 442.9 SO1
Effect of dietary selenium level on Se [selenium] binding to rat plasma proteins. Burk, R F *Soc Exp Biol Med Proc* 143 (3): 719-722. Ref. July 1973

082993 442.9 SO1
Homeostatic regulation of zinc absorption in rat. [Human nutrition]. Evans, G W *Soc Exp Biol Med Proc* 143 (3): 723-725. July 1973

082994 464.8 SP2
Synthetic proteins: impact on agriculture. [Food supply]. Jones, E *SPan (shell Publ Health Agr News)* 16 (1): 4-6. 1973

082995 1.941 S2F73
Changing pattern of eating out. Le Bovit, C *U S D A Econ Res Serv Nat Food Situation Nfs* 144: 30-34. May 1973

082996 1 AG84HG
Food guide for older folks. Walker, M A *U S D A Home Gard Bull* 17, Rev., 19 P. Feb 1973

082997 18 UB3
Way out from dead end of agricultural policy & way to healthy nutrition. (Ger) Krohn, H *Ubersicht* 24 (5): 341-345. May 12, 1973

082998 41.8 J93
Chemical composition & caloric value of grass carp (Ctenopharingodon idellus) & fathead (Hypopthtalmichthys molitrix). (Cro) Brankovic, M *Vet Glas* 26 (11): 841-844. Ref. Eng. Sum. 1972

082999 386.3 B54
Folic acid contents of some fermented soybean products & vegetables. (Jap) Miyamoto, T *Vitamins (Nagoya)* 47 (5): 233-237. Ref. Eng. Sum. May 1973

083000 389.8 V85
New experimental developments concerning absence of iron from diet. (Dut) Cramwinckel, A B *Voeding* 34 (3): 108-111. Mar 15, 1973

083001 389.8 V85
Task of training dietician in area of applied nutrition as it relates to public health. (Dut) Wijn, J F de *Voeding* 34 (4): 222-228. Apr 15, 1973

083002 389.8 V85
Vitamin C content & sensory qualities of different brands of deep frozen concentrated orange juice. (Dut) Meer, M A van der *Voeding* 34 (5): 238-243. Ref. Eng. Sum. May 15, 1973

083003 389.8 V85
Nutritional research involving 2000 Dutch households. XIV. (Dut) Schaik, F S M van *Voeding* 34 (5): 244-249. May 15, 1973

083004 389.8 V85
'big' & 'little' eaters. [Food consumption]. (Dut) Schaik, F S M van *Voeding* 34 (5): 250-252. May 15, 1973

083005 389.8 V85
Reactions to nutrition education on television. (Dut) Klinkert, L M *Voeding* 34 (5): 253-256. May 15, 1973

083006 449.9 W892T
Energy & protein requirements; report of a joint FAO/WHO Ad Hoc Expert Committee. *World Health Organ Tech Rep Ser* 522, 118 P. 1973

083007 80 OV64
Pepper & nutrition. (Cze) Hovadik, A *ZL (zahradnicke Listy)* 66 (3): 80. 1973

HOME ECONOMICS

083008 105.8 G36E
Housing conditions of rural families with children. (Ger) Forche, A *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 374-381. 1972

083009 18 G312S
Comparison of household structure methodical presentation & interpretation. (Ger) Holst, I *Schriftenr Landwirtsch Auswertungs Informationsdienst* 175: 95 P. Ref. Dec 1972

AGRICULTURAL PRODUCTS — GENERAL

083010 442.8 AL6
Fractional partition of amylolytic & proteolytic enzymes of Aspergillus oryzae. [Food processing]. (Rus) Tulaganov, A *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 3: 65-66. 1973

083011 TP368.A4
Quality storage of plant products in controlled atmosphere. (Ger) Kurz, R *Alimenta* 12 (3): 117. May/June 1973

083012 TP368.A4
Irradiation of food. 2. (Ger) Zehnder, H J *Alimenta* 12 (3): 89-93. Ref. May/June 1973

083013 14 F8499AN
Ethyl esters of rum higher fatty acids. (Fre) Parfait, A *Ann Technol Agr* 21 (2): 199-210. Ref. Eng. Sum. 1972

083014 SF521.A62
On spectral analysis of mineral content of honey. Makarochkin, B A *Apiacta* 7 (3): 104. 1972

083015 BEE SF521.A64
Pollen spectrum of some honeys from Italian Alps. (Ger) Vorwohl, G *Apidologie* 3 (4): 309-340. Ref. Eng. Sum. 1972

083016 448.3 AP5
Microbiological evaluation of cold-water shripm (Pandalus borealis). Zapatka, F A *Appl Microbiol* 25 (6): 858-861. Ref. June 1973

083017 449.8 AR2
'Fleece cloth'a modern type of aid for hygiene in food industry. (Ger) Ruschke, R *Arch Hyg Bakteriol* 157 (2/3): 271-276. Ref. Eng Sum. 1973

083018 41.8 L49
Considerations on disinfection measures in view of international trade in foods. (Ger) Wegener, K H *Arch Lebensm-hyg* 24 (5): 115-119. Eng. Sum. May 1973

083019 41.8 L49
Importance of sea fishery in time of Hanse. (Ger) Rakow, D *Arch Lebensmhyg* 24 (6): 139-143. (Continued) June 1973

083020 381 AS7
Versatile combustion-amalgamation technique for photometric determination of mercury in fish & environmental sample. Willford, W A *Ass Offic Anal Chem J* 56 (4): 1008-1014. Ref. July 1973

083021 381 AS7
Collaborative study of recovery & gas chromatographic quantitation of polychlorinated biphenyls in chicken fat & polychlorinated biphenyl-DDT combinations in fish. Sawyer, L D *Ass Offic Anal Chem J* 56 (4): 1015-1023. Ref. July 1973

083022 381 AS7
Determination of moisture in mosasses by Karl Fischer method. Kviesitis, B *Ass Offic Anal Chem J* 56 (4): 1025. July 1973

083023 381 AS7
Drained weight determination of frozen glazed snow crabmeat. Miller, G A *Ass Offic Anal Chem J* 56 (4): 886-887. Ref. July 1973

083024 381 AS7
Extraction & cleanup for determination of polychlorinated biphenyls in paper & paperboard. [Food packaging, contamination]. Young, S J V *Ass Offic Anal Chem J* 56 (4): 957-961. July 1973

083025 424.8 B477
Resupplying honey centrifuges. (Ger) Gotz, U *Bienenpflege* 10: 226-228. Oct 1972

083026 424.8 B477
Clarfication & storage of honey. (Ger) Gotz, U *Bienenpflege* 11: 251-253. Nov 1972

083027 297.9 B232
Research on smoking point of edible oils. (Ita) Ciusa, W *Bologna Univ Inst Merc Quad Merc* 11 (2): 173-186. Eng. Sum. July/Dec 1972 (Pub. 1973)

083028 297.9 B232
Fatty acids of seed oil from fruits of Opuntia ficus-indica. (Ita) Duro, F *Bologna Univ Inst Merc Quad Merc* 11 (2): 215-221. Eng. Sum. July/Dec 1972 (Pub. 1973)

083029 390.8 B732
Two words, one beer; no words, little beer. [Marketing]. (Ger) Simon, R *Brauwelt* 113 (30): 821-822. May 25, 1973

083030 390.8 B732
Threshold values as a criterion for beer quality. (Ger) Hannack, H *Brauwelt* 113 (34): 699-702, 704. Ref. Eng. Sum. May 11, 1973

083031 390.8 B732
Reuse of barley soak liquor & its effect on nature of malt, wort & beer. II. (Ger) Kieninger, H *Brauwelt* 113 (34): 706-710. May 11, 1973

083032 390.8 B732
Composition of carbohydrates in different malt fractions. (Ger) Mandl, B *Brauwelt* 113 (34): 716-718. Eng. Sum. May 11, 1973

083033 390.8 B732
Methods on stability of beer. (Ger) Barwald, G *Brauwelt* 113 (34): 721-722. May 11, 1973

083034 390.8 B732
Recent developments in fermentation. [Beer]. (Ger) Pollock, J R A *Brauwelt* 113 (36): 743-747. Ref. May 18, 1973

083035 390.8 B732
Compensation claims based on an invalid explained beer delivery agreement. (Ger) Schweer, D *Brauwelt* 113 (38): 835-836. May 30, 1973

083036 390.8 B732
Characterization of low-grade alkoholic beers, legal concept interpretation & consumer expectation. (Ger) Mandl, B *Brauwelt* 113 (39): 851-852, 854-855. June 1, 1973

083037 390.8 B732
New tasks for German breweries. (Ger) Klessling, G *Brauwelt* 113 (39): 855-856. June 1, 1973

083038 390.8 B733
Effect of storage on the properties and constituents of beer. I. Fermentation byproducts. (Ger) Weyh, H *Brauwissenschaft* 26 (5): 125-129. Ref. Eng. Sum. May 1973

083039 390.8 B733
Control of amino acid content of unmalted cereal worts by means of an industrial enzyme. (Ger) Scherer, A *Brauwissenschaft* 26 (5): 129-134. Ref. Eng. Sum. May 1973

083040 390.8 B733
Effect of Fusarium mould of barley on beer production. (Ger) Mannio, M *Brauwissenschaft* 26 (5): 134-137. Eng. Sum. May 1973

083041 390.8 B733
Investigations on hop tannins. II. (Ger) Knorr, F *Brauwissenschaft* 26 (5): 139-140. Ref. Eng. Sum. May 1973

083042 390.8 B733
Glycerine in beer. I. Occurrence & significance. (Ger) Piendl, A *Brauwissenschaft* 26 (5): 141-148. Ref. Eng. Sum. May 1973

083043 390.8 B733
Effect of malting & brewing procedure on molecular weight distribution of nitrogenous substances in wort & beer. 1. (Ger) Narziss, L *Brauwissenschaft* 26 (5): 148-159. Ref. Eng. Sum. May 1973

083044 390.8 B733
Bitter taste of beer. (Ger) Hums, N *Brauwissenschaft* 26 (5): 159-164. Ref. Eng. Sum. May 1973

083045 390.8 B733
Glycerine in beer. II. Effect of practical conditions. (Ger) Gehlhoff, R *Brauwissenschaft* 26 (6): 183-188. Ref. Eng. Sum. June 1973

083046 390.8 B872
Estimation of ploidies in brewery yeasts. Sakai, K *Bull Brewing Sci* 18: 29-36. Ref. 1972

083047 389.9 B88
Significance of general apprehension of communocation in food legislation. (Ger) Kraak, W *Bund Lebensmittelrecht Lebensmittelkunde Schriftenreihe* 72: 7-27. 1972

083048 68.8 C112
Contribution to study of Angola coffe characteristics. (Fre) Esteves, A B *Cafe Cacao The* 17 (1): 46-52. Ref. Eng. Sum. Jan/Mar 1973

083049 68.8 C112
Coffee fermentation technology. Menchu, J F *Cafe Cacao The* 17 (1): 53-61. Ref. Jan/Mar 1973

083050 68.8 C112
Third Italian symposium on Biopharmacological Effects of Coffee, Vietri sul Mare (Salerno), October 21-22, 1972. (Fre) Navellier, P *Cafe Cacao The* 17 (1): 62-64. Jan/Mar 1973

083051 385 C172
Mild oxidation of starches with aqueous bromine. I. Kinetics & product analysis. Ziderman, I *Carbohyd Res* 27 (2): 341-352. Ref. Apr 1973

083052 384 C427
Oils & fats – important source of raw materials for chemical industry. (Ger) Ploog, U *Chem-zeitung-chem App* 97 (6): 342-347. Ref. Eng. Sum. June 1973

083053 QH324.C7
Volatile transport in frozen aqueous solutions. I. Deveiopment of a mechanism. Lambert, D *Cryobiology* 10 (1): 45-51. Ref. Apr 1973

083054 QH324.C7
Volatila transport in frozen aqueous solutions. II. Influence of system parameters. [Food]. Lambert, D *Cryobiology* 10 (1): 52-55. Apr 1973

083055 QD1.D3
New kinds of food. (Dan) Hartig, E *Dansk Kemi* 54 (1): 8-9. Jan 1973

083056 389.8 D482
Food packaging under focal point of a canning method. (Ger) Niebergall, H *Deut Lebensmittel-rundsch* 69 (5): 184-189. Ref. May 1973

083057 389.8 D482
Methylating of unsaturated & saturated fats by use of gas chromatographic method for determination of global migration of synthetic matter in fats. (Ger) Ostromow, H *Deut Lebensmittelrundsch* 69 (5): 189-192. May 1973

083058 389.8 D482
Studies on transition constants of volatile acids by steam distillation. [Food]. (Ger) Brummer, J M *Deut Lebensmittelrundsch* 69 (5): 192-197. May 1973

083059 290.9 M57
Economical questions of storage & turnover of deepfrozen products in Hungary & in some other countries of Europe. (Hun) Arato, J *Elelmezesi Ipar* 27 (4): 103-108. Eng. Sum. Apr 1973

083060 290.9 M57
Method of process-flow organization in food industry. (Hun) Racz, M *Elelmezesi Ipar* 27 (4): 111-117. Eng. Sum. Apr 1973

083061 290.9 M57
Utilization of vibration effect in developing of equipments & in finding new solutions. [food industry]. (Hun) Horvath, K *Elelmezesi Ipar* 27 (4): 118-119. Apr 1973

083062 290.9 M57
Results of post graduate training in food industry in 1971-1972, & tasks for 1973. [Hungary]. (Hun) Kozma, I *Elelmezesi Ipar* 27 (4): 119-122. Apr 1973

083063 290.9 M57
Some observations on carmellization. (Hun) Kovats, L T *Elelmezesi Ipar* 27 (4): 97-102. Ref. Eng. Sum. Apr 1973

083064 389.9 EL2
Biological effect & hygienic evaluation of cyclamates. (Review of literature). (Hun) Pinter, I *Elelmiszervizsgalati Kozlem* 19 (1/2): 29-34. Ref. Eng. Sum. 1973

083065 389.9 EL2
Determination by gas chromatography of acetone content of oleoresins used as spices. (Hun) Ors, F *Elelmiszervizsgalati Kozlem* 19 (1/2): 35-42. Eng. Sum. 1973

083066 389.9 EL2
Alterations of gelatin suitable for edible & therapeutic purposes under effect of ionizing radiations. (Hun) Lengyel, J *Elelmiszervizsgalati Kozlem* 19 (1/2): 43-50. Ref. Eng. Sum. 1973

083067 105.8 G36E
Trends of development in agriculture & food industry of German (Democratic Republic). (Ger) Schinke, E *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 242-247. 1972

083068 TP368.E7
Survey article: food with median moisture content. (Ger) Luck, E *Ernahrungswirtschaft* 5: 346, 348, 350-351. May 1973

083069 TP368.E7
Rigid, semi rigid or soft: sterilizable packings from aluminium. [Food]. (Ger) Langen, H *Ernahrungswirtschaft* 5: 355, 358, 360, 362-366. May 1973

083070 TP368.E7
Control of ready packaging by managament: '. .. Up to half of coffee bean'. (Ger) Vogt, S *Ernahrungswirtschaft* 5: 378, 380, 382, 384-385. May 1973

083071 TP368.E7
Ready packaging: control scales in food industry. (Ger) Rub, F *Ernahrungswirtschaft* 5: 386, 388, 390-391. May 1973

083072 S560.F37
New protein foods & future demand for meat. Hughes, D *Farm Manage (kenilworth Engl)* 2 (5): 245-253. Spring 1973

083073 384 C422
Studies on Glyceride Structure of Fats i: comparative studies with model substances on use of pancreas lipase & methyl magnesium bromide for stereospecific cleavage of triglyc (Ger) Franzke, C *Fette Seifen Anstrichmittel* 75 (6): 365-369. Ref. Eng. Sum. June 1973

083074 389.8 F737
'truly aseptic' packaging system developed. [Foods]. Cukor, C W *Food Eng* 45 (6): 135-136. June 1973

083075 389.8 F736
Electronic weighing & batching. [Food]. Marvin, M D *Food Manufacture* 48 (6): 43, 45. June 1973

083076 389.8 F738
Boiling temperature control: preserves & jam. Swift, J R *Food Process Indus* 42 (498): 33, 35. Apr 1973

083077 389.8 F738
Computers in food processing. Ashwanden, D *Food Process Indus* 42 (498): 44-45. Apr 1973

083078 HD9000.1.F64
What to do without Violet No. 1. [Food coloring]. Kinnison, J W *Food Prod Develop* 7 (5): 75. June 1973

083079 HD9000.1.F64
Package development for foodservice industry. Lundquist, B R *Food Prod Develop* 7 (5): 76-77. June 1973

083080 HD9000.1.F64
Baker's yeast – world's oldest food -is newest source of protein & other ingredients. McCormick, R D *Food Prod Develop* 7 (6): 17-18, 20. July/Aug 1973

083081 HD9000.1.F64
Smooth, white spread from separated fish flesh forms a base for flavored dips, snack items. Patashnik, M *Food Prod Develop* 7 (6): 82, 87, 89, 91. July/Aug 1973

083082 286.83 T67
Needed – improved management skills in food processing industry. Harris, H M *FPM (food Prod Manage)* 95 (12): 8, 10. June 1973

083083 281.8 G25
Evaluative methods concerning enterprise management in food industry. (Hun) Csercser, P *Gazdalkodas* 17 (5): 9-14. Eng. Sum. 1973

083084 24 G564
Role of storage in food production in Ghana. Nyanteng, V K *Ghana Farmer* 16 (2): 87-89, 92 Dec 1972

083085 68.8 G65
Food additives: recent developments in food industry. Pilnik, W *Gordian* 73 (6): 252-256. (Continued) June 1973

083086 68.8 G65
Microbiology in cacao processing industry. (Ger) David, R *Gordian* 73 (6): 272-273. Ref. June 1973

083087 44.8 H65
Ice cream varies in quality, composition, & price. Barnard, S E *Hoards Dairyman* 118 (12): 764. June 25, 1973

083088 424.8 IM43
Beeswax testing. (Ger) Weber, V *Imkerfreund* 27 (12): 407. Dec 1972

083089 424.8 IM43
Does honey make you fat? (Ger) Peiterek, H *Imkerfreund* 27 (8): 271-272. Aug 1972

083090 424.8 IM43
Chemistry of sugar. (Ger) Unverfahr, H J *Imkerfreund* 27 (8): 272-273. Aug 1972

083091 TP368.I8
Separation of basic amino acids on resin column Amberlite IR 120 with an optical aminolytic apparatus using lithium buffers. (Ita) Zamorani, A *Ind Agrar* 10 (12): 463-464. Eng. Sum. Dec 1972

083092 TP368.I8
Contribution to study of new oils from seeds. (Ita) Lotti, G *Ind Agrar* 11 (2): 86-91. Ref. Eng. Sum. Feb 1973

083093 396.8 IN23
Study of mowrah butter (seed fat of Manhuca indica) as an ointment base ingredient. Purwar, S *Indian J Pharm* 35 (2): 54-57. Mar/Apr 1973

083094 302.8 IN23
Suitability of bagasse for dissolving-grade pulp. Yadav, R P *Indian Pulp Pap* 27 (3/4): 47, 49, 51, 53-55. Sept/Oct 1972

083095 302.8 IN23
Alkali resistant pentosans in bamboo. Guha, S R D *Indian Pulp Pap* 27 (3/4): 69-71. Sept/Oct 1972

083096 302.8 IN23
A comparative study of gabasse & wheat straw pulping for paper-making. II. *Indian Pulp Pap* 27 (3/4): 72-78. Ref. Sept-/Oct 1972

083097 302.8 IN23
Some studies on high yield pulping of bamboo. IV. Pulp yield versus bleaching variability for bamboo pulp. Banthia, K M *Indian Pulp Pap* 27 (304): 57-59, 61-67. Sept/Oct 1972

083098 302.8 IN23
Utilisation of bagasse-a bye-product of sugar industry – a case for establishing a few pulp units in Uttar Pradesh. Mittal, S K *Indian Pulp Pap* 27 (5/6): 3-5, 7-8. Nov/Dec 1972

083099 425.8 IN22
'yellow revolution' in Manipur: multicrore silk project. Rangan, R K *Indian Silk* 11 (10): 13-15. Feb 1973

083100 389.8 IN26
Origin names a stimulating factor of quality, [Food products]. (Rum) Ionescu, A I *Indus Aliment (bucuresti)* 24 (2): 86-89. Eng. Sum. Feb 1973

083101 389.8 IN26
Variation in tin content of some tinned foods during storage. (Rum) Armeanu, V *Indus Aliment (bucuresti)* 24 (2): 99-101. Eng. Sum. Feb 1973

083102 389.8 IN26
Study of pastes drying at 'Dunareana' factory of Galati. (Rum) Tataru, V *Indus Aliment (bucuresti)* 24 (3): 140-142. Eng. Sum. Mar 1973

083103 389.8 IN26
Effect of some factors on stability of amylolytic & proteolytic enzymes produced by Aspergillus oryzae. (Rum) Cojocaru, C *Indus Aliment (bucuresti)* 24 (4): 187-189. 202. Ref. Eng. Sum. Apr 1973

083104 389.8 IN26
Characteristics observed during catlytic activities. [Food, enzymes]. (Rum) Maftei, C *Indus Aliment (bucuresti)* 24 (4): 203-208. Ref. Apr 1973

083105 389.8 IN24
Catalan management in Arosa area. [Salting, fish]. (Spa) Meijide Pardo, A *Indus Conserv* 39 (40): 7-8. Jan 31, 1973

083106 389.8 IN24
Heat sterilization of canned foods in fluidized beds. (Spa) Thorne, S N *Indus Conserv* 39 (405): 73-74. Mar 31, 1973

083107 389.8 IN23
On sterilization of tuna canned in oil & brine. (Ita) Cagna, D *Indus Conserve* 48 (1): 5-8. Eng. Sum. Jan/Mar 1973

083108 389.8 IN23
Research on determination of organomercuric compounds in food products. I. Identification of methlymercuric iodide & phenylmercuric chloride by thin layer chromatography. (Ita) Gherardi, S *Indus Conserve* 48 (1): 9-12. Eng. Sum. Jan/Mar 1973

083109 389.8 K832
Straggler in sixth boom after war. [Food industry]. (Ger) Hermann, W *Indus Obst& Gemuseverwert* 58 (10): 279-281. May 17, 1973

083110 65.8 IN23
Shape of sucrose crystalls. (Ita) Van Hook, A *Indus Sac Ital* 66 (2): 46-47. Eng. Sum. Mar/Apr 1973

083111 390.9 IN7
Suppression of gushing by use of hop oil. Gardner, R J *Inst Brewing J* 79 (3): 209-211. May/June 1973

083112 390.9 IN7
Classification of certain pediococci isolated from brewery products. [Pediococcus damnosus, wort, beer.]. Solberg, O *Inst Brewing J* 79 (3): 227-230. Ref. May/June 1973

083113 390.9 IN7
Vitamin requirements of certain pediococci isolated from brewery products. [Pediococcus damnosus]. Solberg, O *Inst Brewing J* 79 (3): 231-237. May/June 1973

083114 16 IT1
From shells of green nuts; production of Nocino of Modena. [Alcohol]. (Ita) Reggiani, F *Ital Agr* 110 (3): 313-320. Mar 1973

083115 389.8 IZ8
Evaluating possibilities of a dynamic variant of chromatographic analysis of food odors. (Rus) Artem'ev, B V *Izv Vyssh Ucheb Zaved Pishch Tekhnol* 2: 125-127. 1973

083116 389.8 IZ8
Composition of anise seeds. (Rus) Sud-'eva, N G *Izv Vyssh Ucheb Zaved Pishch Tekhnol* 2: 131-132. 1973

083117 389.8 IZ8
Mathematical model of thermal degradation of anthocyans during sterilization of canned food heated by convection. (Rus) Videv, K *Izv Vyssh Ucheb Zaved Pishch Tekhnol* 2: 55-57. 1973

083118 381 J8223
High-pressure liquid chromatography in separation & detection of bitter compounds. [Hops]. Molyneux, R J *J Agr Food Chem* 21 (4): 531-535. Ref. July-/Aug 1973

083119 381 J8223
Bitter tasting compounds of beer; chemistry & taste properties of some hop resin compounds. Palamand, S R *J Agr Food Chem* 21 (4): 535-543. Ref. July/Aug 1973

083120 381 J8223
Comparison of gas-liquid, gas-solid, liquid-liquid, & liquid-solid chromatographic techniques in analysis of vanillin & ethyl vanillin in alcoholic solutions. Martin, G E *J Agr Food Chem* 21 (4): 544-547. July/Aug 1973

083121 381 J8223
Liquid chromatography applications in analysis & quality control of flavor chemicals. Walradt, J P *J Agr Food Chem* 21 (4): 547-550. July/Aug 1973

083122 381 J8223
Applications of combined gel permeation chromatography & high speed liquid chromatography for separation of complex flavor mixtures. [Citrus essential oils, rum]. Schmit, J A *J Agr Food Chem* 21 (4): 551-556. Ref. July/Aug 1973

083123 381 J8223
On formation of black tea aroma. Sanderson, G W *J Agr Food Chem* 21 (4): 576-585. Ref. July/Aug 1973

083124 381 J8223
Free fatty acid content of cacao beans infested with storage fungi. Hansen, A P *J Agr Food Chem* 21 (4): 665-670. Ref. July/Aug 1973

083125 381 J8223
Organoleptic properties of some alkyl-substituted alkoxyand alkylthiopyrazines. [Food flavorings]. Parliment, T H *J Agr Food Chem* 21 (4): 714-716. Ref. July/Aug 1973

083126 381 J8223
Biochemistry of tea fermentation: oxidative degallation & epimerization of tea flavanol gallates. Goggon, P *J Agr Food Chem* 21 (4): 727-733. Ref. July/Aug 1973

083127 381 J8223
Identification of 2,4,6-trichloroanisole in several essentials oils. Stoffelsma, J *J Agr Food Chem* 21 (4): 738-739. July/Aug 1973

083128 307.8 J82
Clay-heat refining of edible oils. Mag, T K *J Amer Oil Chem Soc* 50 (7): 251-254. July 1973

083129 307.8 J82
Symposium: Processing of Edible Oils, presented at AOCS [American Oil Chemists' society] 46th annual fall meeting, Ottawa, Ontario, Canada. Teasdale, B *J Amer Oil Chem Soc* 50 (7): 251-263. (Continued) July 1973

083130 307.8 J82
Application of partial hydrogenation theory to design of commercial reactors for hydrogenating triglyceride oils. Albright, L F *J Amer Oil Chem Soc* 50 (7): 255-259. Ref. July 1973

083131 307.8 J82
Thermal activation of peroxidase as a lipid oxidation catalyst. Eriksson, C E *J Amer Oil Chem Soc* 50 (7): 264-268. Ref. July 1973

083132 307.8 J82
Factors affecting analytical values of beeswax & detection of adulteration. Tulloch, A P *J Amer Oil Chem Soc* 50 (7): 269-272. Ref. July 1973

083133 382 J82
Examples of computer-aided fermentation systems. Ryu, D D Y *J Appl Chem Biotechnol* 23 (4): 283-295. Ref. Apr 1973

083134 390.09 F38
Hisotry of Japanese alcohol industry. 3. (Jap) *J Ferment Assoc (jap)* 30 (8): 39-44. Aug 1972

083135 390.09 F38
Some problems in sake manufacturing. (Jap) Iwasaki, K *J Ferment Assoc (jap)* 30 (9): 1-5. Sept 1972

083136 389.8 J823
Changes in nitrogenous constituents of staple foods & feeds during storage under controlled temperature & relative humidity. III. Changes in ratio of free glutamic acid to free aspartic acid. Ben-Gera, I *J Food Sci Technol (mysore)* 10 (1): 37-41. Ref. Jan/Mar 1973

083137 389.8 J823
Assessment of suitability of flexible packaging materials for packaging of irradiated foods. Agarwal, S R *J Food Sci Technol (mysore)* 9 (4): 166-170. Ref. Dec 1972

083138 389.8 J823
Interaction of malonaldehyde in foods. I. Reaction with sulphur amino acids. Aray, S S *J Food Sci Technol (mysore)* 9 (4): 185-189. Ref. Dec 1972

083139 389.8 J823
Fish preservation. I. Studies on changes during frozen storage of oil sardine. Srikar, L N *J Food Sci Technol (mysore)* 9 (4): 191-193. Ref. Dec 1972

083140 389.8 F7322
Isolation and characterization of microorganisms involved in the fermentation of Trinidad's cacao beans. Ostovar, K *J Food Sci* 38 (4): 611-617. Ref. May/-June 1973

083141 389.8 F7322
New computational procedure for determining apparent thermal diffusivity of a solid body approximated with an infinite slab. [Food research]. Hayakawa, K I *J Food Sci* 38 (4): 623-629. Ref. May/June 1973

083142 389.8 F7322
Structural functions of taste in sugar series: effects of aglycones on sensory properties of simple glycoside structures. [Food Technology]. Birch, G G *J Food Sci* 38 (4): 665-667. Ref. May/June 1973

083143 389.8 F7322
Polysaccharide 13140: a new thermo-gelable polysaccharide. [Food research]. Kimura, H *J Food Sci* 38 (4): 669-670. May/June 1973

083144 389.8 F7322
Studies on mechanisms of retention of volatile in freeze-dried food models: system PVP [polyvinylpyrr olidone]-n-propanol. Chirife, J *J Food Sci* 38 (4): 671-674. Ref. May/June 1973

083145 389.8 F7322
Some observations on color measurement of canned tuna. Khayat, A *J Food Sci* 38 (4): 716-717. May/June 1973

083146 389.8 F7322
Refinement & extension of fn/U:g parameters for process calculation. [Canned food]. Purohit, K S *J Food Sci* 38 (4): 726-728. Ref. May/June 1973

083147 TP368.J6
Studies of solution processes in hydrated starch & agar at low moisture levels using wide-line nuclear magnetic resonance. Duckworth, R B *J Food Technol* 8 (1): 105-113. May 1973

083148 TP368.J6
Packaging aspects of irradiated flesh foods: present status; a review. Agarwal, S R *J Food Technol* 8 (1): 27-37. Ref. Mar 1973

083149 TP368.J6
Wholesomeness of some types of semi-preserved foods. Mossel, D A A *J Food Technol* 8 (1): 97-103. Ref. Mar 1973

083150 44.8 J824
Food regulatory activities. Wodicka, V O *J Milk Food Technol* 36 (6): 349-353. June 1973

083151 382 SO12
Oxidation of methionine & cystine in foods treated with hydrogen peroxide. [Casein, fish meal]. Slump, P *J Sci Food Agr* 24 (6): 657-661. Ref. June 1973

083152 382 SO12
Swelling behaviour of lamellar phases of saturated monoglycerides in aqueous systems. [Food]. Krog, N *J Sci Food Agr* 24 (6): 691-701. Ref. June 1973

083153 TP156.R45J6
Guidelines to training a texture profile panel. [Food products]. Civille, G V *J Texture Stud* 4 (2): 204-223. June 1973

083154 TP156.R45J6
Effect of hydrocolloids on oral viscosity & basic taste intensities. [Food]. Pangborn, R M *J Texture Stud* 4 (2): 224-241. Ref. June 1973

083155 TP156.R45J6
Variation in stimuli associated with oral evaluation of viscosities of glucose solutions. [Food]. Shama, F *J Texture Stud* 4 (2): 254-262. June 1973

083156 TP156.R45J6
A simple instrument for measurement of dynamic elastic properties of foodstuffs. Jasper, R F *J Texture Stud* 4 (2): 269-277. June 1973

083157 68.18 OK3
Nitrogen packaging of green tea by flexible packaging materials. (Jap) Fukatsu, S *Jap Tea Res Sta Stud Tea* 45: 18-22. Eng. Sum. Mar 1973

083158 68.18 OK3
Changes in contents of free amino acids during roasting of green tea. (Jap) Kubota, E *Jap Tea Res Sta Stud Tea* 45: 23-25. Eng. Sum. Mar 1973

083159 68.18 OK3
Studies on relation of taste pattern of green tea with its palatability. (Jap) Nakagawa, M *Jap Tea Res Sta Stud Tea* 45: 26-31. Mar 1973

083160 68.18 OK3
Separation of colored components in black tea infusion by chromatography on Sephadex LH-20. (Jap) Takeo, T *Jap Tea Res Sta Stud Tea* 45: 39-42. Eng. Sum. Mar 1973

083161 68.18 OK3
Chromatogram pattern of tea catechins on Sephadex LH-20. (Jap) Takeo, T *Jap Tea Res Sta Stud Tea* 45: 43-45. Eng. Sum. Mar 1973

083162 68.18 OK3
Separation of theaflavins by chromatography on Sephadex LH-20 & determination of three components of theaflavins in black tea infusion. (Jap) Takeo, T *Jap Tea Res Sta Stud Tea* 45: 46-50. Ref. Eng. Sum. Mar 1973

083163 68.18 OK3
A quantitative determination of amino acids in tea by automatic amino acid analyzer. (Jap) Kubota, E *Jap Tea Res Sta Stud Tea* 45: 51-57. Ref. Eng. Sum. Mar 1973

083164 389.8 K13
On development of new food products. (Jap) Kikuike, K *Kanzume Jiho* 52 (4): 43-46. Apr 1973

083165 389.78 K85
Poultry & swine -competitors on market. (Ger) Strecker, O *Kraftfutter* 56 (6): 278, 280. June 1973

083166 389.78 K85
Healthy food of animal origin through feeding with conscious responsibility. (Ger) Menke, K H *Kraftfutter* 56 (6): 282, 284-285. June 1973

083167 TP368.L42
Recent & rationalization movement for purposeful development of work performance increase. [Food industry]. (Ger) Geese, E *Lebensm Ind* 20 (5): 193-194. Eng. Sum. May 1973

083168 TP368.L42
Optimal transporting drives. [Food industry]. (Ger) Frana, A *Lebensm Ind* 20 (5): 195-198. Ref. May 1973

083169 TP368.L42
Function of food analysis. (Ger) Rutkowski, A *Lebensm Ind* 20 (5): 202-206. Eng. Sum. May 1973

083170 TP368.L42
Pneumostatic drives & gears – measures of rationalization of production. II. Base of calculation of pneumostatic drives. (Ger) Kohler, E *Lebensm Ind* 20 (5): 207-211 eng. Sum. May 1973

083171 TP368.L42
Continuous canning process & device for coarse goods. (Ger) Ferchland, D *Lebensm Ind* 20 (5): 215-218. Eng. Sum. May 1973

083172 TP368.L42
Aromatic substances of honey. (Ger) Tschogowadse, K *Lebensm Ind* 20 (5): 225-228. Eng. Sum. May 1973

083173 TP368.L4
Interactions among volatile aroma compounds in a whisky imitation. Salo, P *Lebensm-Wiss Technol* 6 (2): 52-58. Ref. 1973

083174 TP368.L4
Sweetness strength of fructose as a function of temperature, concentration & substrate. (Ger) Fricker, A *Lebensm-Wiss Technol* 6 (2): 63-65. 1973

083175 TP368.L4
Significance of fructoselysine & its degradation products furosine & pyridosine for quality control of foods. (Ger) Sulser, H *Lebensm-Wiss Technol* 6 (2): 66-69F. Ref. 1973

083176 79.8 L91
No-Ratt & Fudrat, new exterminators. [Stored products, rat control]. (Ita) Fraja, L *Lotta Antiparassitaria* 25 (3): 15. Mar 1973

083177 19 M577
Waste, environment protection & food production. (Hun) Fabinyi, R *Mezogazdasagi Vilagirodalom* 15 (2): 160-161. 1973

083178 107.6 T78
Utilization of corn steep liquor as food or feed & its waste treatment. 3. Amino acid composition of food yeasts. (Jap) Akaki, M *Mie Univ Fac Agr Bull* 45: 127-134. Ref. Eng. Sum. Mar 1973

083179 389.9 SW6
Formation of 2-acetoxyethanol in cocoa beans & cocoa powder during treatment with ethylene oxide. Stijve, T *Mitt Geb Lebensmitteluntersuch Hyg* 63 (4): 467-469. 1972

083180 389.9 SW6
On determination of amount of elements & trace elements in food & drinking water with atomic absorption spectrometry. (Ger) Muller, U *Mitt Geb Lebensmitteluntersuch Hyg* 63 (4): 485-511. 1972

083181 390.08 V67
Innovations in cask cellar. [Brewing]. (Ger) Thoss, G *Mitt Versuchsstn Garungsgewerbe Wien* 27 (4): 70-77. Apr 1973

083182 TS2120.M6
Baking industry & world: Tunisia. (Spa) Castano, L *Molineria Panaderia* 68 (759): 73-74. Map. June 1973

083183 44.8 M735
Microbial protein production. [Feed, food]. (Ger) Lembke, A *Molk-zeitung Welt Milch* 27 (17): 509-511. Apr 27, 1973

083184 298.8 M89
Diastatic activities of malt flours & enzyme preparations & their research possiblilites. (Ger) Bracht, T J *Muhle Mischfuttertech* 110 (21): 346-348. May 24, 1973

083185 389.8 N142
Studies on glyceride structure of fats. IV. On structure-specific hydrolysis of triglycerides by means of pancreatic lipase with special regard to influence of hexane upon this process. (Ger) Hollstein, E *Nahrung* 17 (2): 161-170. Ref. Eng. Sum. 1973

083186 389.8 N142
Rapid method for determination of carbonyl compounds in fats (heptanal value). (Ger) Franzke, C *Nahrung* 17 (2): 209-214. Eng. Sum. 1973

083187 389.8 N142
Some peculiarities in kinetik of initial stage of unsaturated fatty acid autoxidation. 4. Theoretical curves of hydroperoxide accumulation during methyloleate & methyllinoleate autoxidation & autoxatalytic character of process. (Ger) Yanishlieva, N *Nahrung* 17 (3): 307-312. Eng. Sum. 1973

083188 389.8 N142
Some peculiarities in kinetic of initial stage of unsaturated fatty acid autoxidation. 5. On mechanism of hydroperoxide decomposition. (Ger) Yanishlieva, N *Nahrung* 17 (3): 313-322. Ref. Eng. Sum. 1973

083189 389.8 N142
Some peculiarities in kinetic of initial stage of unsaturated fatty acid autoxidation. 6. Hydroperoxides & inhibition. (Ger) Yanishlieva, N *Nahrung* 17 (3): 323-334. Ref. Eng. Sum. 1973

083190 QD1.N5
Synthesis of cis-4-alkenoic acids isolated from seed oil of Litsea glauca Sieb. (Jap) Furukawa, K *Nippon Kagaku Kaishi* 4: 758-761. Ref. Eng. Sum. Apr 1973

083191 QD1.N5
Constituents of essential oil from Thymus quinquecostatus Celak. (Jap) Kameoka, H *Nippon Kagaku Kaishi* 4: 775-778. Eng. Sum. Apr 1973

083192 307.8 OI54
A new technology for edible oil & fatty acids industry. [India]. Rao, Y K R *Oils Oilseeds J* 25 (3): 7. Sept 1972

083193 77.8 OL2
Vegetable fat products based on palm oil. (Fre) Kalustian, P *Oleagineux* 28 (3): 141-143. Eng. Sum. Mar 1973

083194 77.8 OL2
Oil palm bunch incinerator: Utilisation of ashes. [Palmae]. (Fre) Uribe, A *Oleagineux* 28 (3): 147-149. Eng. Sum. Mar 1973

083195 8 P832J
Use of ammonium bifluoride on yeast: propagation & fermentation of blackstrap molasses. [Alcohol manufacture]. Gonzalez, I M de *P R Univ J Agr* 57 (2): 107-116. Ref. Apr 1973

083196 414.8 P53
Preliminary studies on comparative chemical composition of different commercial brands of 'patis' in Philippines. [Fish products]. Bersamin, S V *Philippine J Fish* 8 (2): 151-157. 1960/1970 (Pub. 1973)

083197 414.8 P53
Studies on bleaching & utilization of seaweed 'gulaman-dagat' (Gracilaria confervoides). [Food source]. Sulit, J I *Philippine J Fish* 8 (2): 177-182. 1960/1970 (Pub. 1973)

083198 414.8 P53
Some seaweed consumed fresh in Phillippines. Bersamin, S V *Philippine J Fish* 8 (2): 183-189. 1960/1970 (Pub. 1973)

083199 414.8 P53
Fish hydrolyzates from commercial Philippine species. I. Preliminary studies on hydrolyzed fish protein. Salcedo, L G *Philippine J Fish* 8 (2): 213-221. 1960/1970 (Pub. 1973)

083200 SF481.P64
Barometer of past & present. [Poultry farming]. Khan, S A *Poult Guide* 10 (3): 66-68. Mar 1973

083201 424.8 P954
5Hydroxymethyl-furfural (HMF) content in Polish honey. (Pol) Curylo, J *Pszczelnicze Zeszyty Nauk* 16: 147-151. Ref. Nov 1972

083202 424.8 P954
Characteristics of Polish waxes melted from honey comb & of those extracted from wax residues using trichloroethylene. (Pol) Curylo, J *Pszczelnicze Zeszyty Nauk* 16: 153-162. Ref. Nov 1972

083203 424.8 P954
Spectrographic determination of selected chemical elements of rape & heather honeys originating from chosen regional soils of Warsaw province. (Pol) Poszwinski, L *Pszczelnicze Zeszyty Nauk* 16: 173-180. Eng. Sum. Nov 1972

083204 T1.R42
Determination of copper content of foodstuffs by biquinoline method. Sengupta, P *Res Ind* 17 (3): 102-103. Sept 1972

083205 T1.R42
Chrysalis oil, cholesterol, fatty acids & amino acids from chrysalides. Singh, I *Res Ind* 17 (3): 91-92. Sept 1972

083206 T1.R42
Sesbania aculeata Pers. seeds – a new source for gum. Farooqi, M I H *Res Ind* 17 (3): 94-95. Sept 1972

083207 307.8 R32
Study of oxidized acids occuring in fats & oils. IV. Examples of application of thin layer chromatography method for oxidized esters. (Fre) Graille, J *Rev Franc Corps Gras* 20 (4): 203-209. Eng. Sum. Apr 1973

083208 TP890.R4
Coloration of food. Nursten, H E *Rev Prog Color Relat Top* 4: 7-12. Ref. May 1973

083209 307.8 OL3
European association of centers for research of fats; Institute of Fats (ITERG) of Paris. (Ita) *Riv Ital Sostanze Grasse* 49 (11): 507-509. Nov 1972

083210 307.8 OL3
An Italian review of fats, fat products & proteins. (Ita) *Riv Ital Sostanze Grasse* 49 (11): 511-682. Nov 1972

083211 107.6 SA13
Preventive effect of cysteine on 'Browning' of miso. [Food pastes]. (Jap) Fujii, M *Saga Univ Agr Bull* 34: 9-14. Eng. Sum. Mar 1973

083212 286.85 D48
Sterilization of food by radiation. (Ger) Diehl, J F *Schlacht Viehhof-ztg* 73 (5): 156-159. Ref. Eng. Sum. May 1973

083213 424.8 SCH9
On 1972 harvest report. [Honey]. (Ger) Fischer, G *Schweiz Bienen-zeitung* 95 (11): 547-553. Nov 1972

083214 424.8 SCH9
Poisoned honey, wild honey. [Poisonous plants]. (Ger) Lips, M *Schweiz Bienenzeitung* 95 (9): 459-461. Sept 1972

083215 470 SCI2
Principles that govern folding of protein chains. Anfinsen, C B *Science* 181 (4096): 223-230. Ref. July 20, 1973

083216 309 ST22
Absorption of iodine into starch granules in aqueous suspension. Lee, Y Y *Starke* 25 (5): 166-168. May 1973

083217 309 ST22
Subject bibliography of starch dissertations. 3. Supplement. (Ger) Seidemann, J *Starke* 25 (5): 168-172. Ref. May 1973

083218 309 ST22
On protein in potato, maize & rice starch. (Ger) Ludtke, M *Starke* 25 (6): 189-195. Ref. Eng Sum. June 1973

083219 309 ST22
Investigations into & an enzymic assay method of transglucosidase activity of commercial glucoamylase preparations. Vamos, L *Starke* 25 (6): 195-202. Ref. June 1973

083220 309 ST22
On limit of detectability of amylose & amylopectin in mixtures; chromatographic tests. (Ger) Seidemann, J *Starke* 25 (6): 211-213. Ref. Eng. Sum. June 1973

083221 61.9 SW3
Annual report of Swedish State Seed Testing & Certification Institute for 1971/1972. (Swe) *Sweden Statens Cent Frokontrollanst Meddel* 48, 56 P. Ref. Eng. Sum. 1973

083222 304.8 T293
Color characteristics of traditional vegetable dyeing. [Silk, Rhus semiallata, Myrica rubra]. Kashiwagi, K M *Textile Res J* 43 (7): 404-408. Ref. July 1973

083223 286.89 T552
Mechanisms of the pyrolysis of poly (amino acids). Johnson, W R *Tobacco (new York)* 175 (13): 75-78. Ref. June 22, 1973

083224 474 UM7
Algae from Dortmund overseas. [Food, protein sources, Scenedesmus acutus]. (Ger) Payer, H D *Umschau* 73 (13): 404-405. Eng. Sum. July 1, 1973

083225 41.8 V6494
Expert evidence based on bacteriological analyses & opinion for some foods. (Cro) Milanovic, A *Veterinaria (Sarajevo)* 21 (4): 575-578. Ref. Eng. Sum. 1972

083226 389.8 Z35
Fatty acid content of lipids in meat of freshwater & seawater fishes. (Ger) Reichwald, I *Z Ernahrungswiss* 12 (1): 86-91. Ref. Eng. Sum. Mar 1973

083227 384 Z39
Mercury content of foods from German market. (Ger) Schelenz, R *Z Lebensmittel-untersuchung -Forsch* 151 (6): 369-375. Ref. Eng. Sum. 1973

083228 384 Z39
On sorption of volatile aroma constitutents by foods. VII. Aliphatic aldehydes. (Ger) Maier, H G *Z Lebensmittel-untersuchung -Forsch* 151 (6): 384-386. Eng. Sum. 1973

083229 384 Z39
Investigations on patterns of ninhydrin-reactive substances in muscle tissue of teleosts [Fishes]. (Ger) Partmann, W *Z Lebensmittel-untersuchung -Forsch* 152 (1): 8-17. Ref. Eng. Sum. 1973

083230 384 Z39
Non-enzymic browning. VII. Reactions of some tocopherol oxidation products with protein. [Food]. Pokorny, J *Z Lebensmittel-untersuchung -Forsch* 152 (2): 65-70. Ref. 1973

083231 384 Z39
On analysis of gums used as food additives. I. Review. (Ger) Mergenthaler, E *Z Lebensmittel-untersuchung -Forsch* 152 (2): 87-99. Ref. Eng. Sum. 1973

083232 448.3 C33 (1)
Studies on suitability of sulphite cycloserine agar for enumeration of Clostridium perfringens in food & water. Mossel, D A A *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig* 223 (4): 559-561. May 1973

083233 65.8 Z82
Actual problems of agriculture & food industry in expanded European Economic Community. (Ger) Rohr, H J *Zucker* 26 (6): 298-301. June 1973

DAIRY PRODUCTS

083234 24 AL2
Comparative study between some buffalo & cow cream properties. I. Effect of heating, agitation, homogenization & some chemical additives. Ismail, A A *Alexandria J Agr Res* 20 (1): 69-74. Ref. June 1972

083235 24 AL2
Comparative study between some buffalo & cow cream properties. II. Effect of ageing at 5 centigrades & at room temperature. Ismail, A A *Alexandria J Agr Res* 20 (1): 75-82. June 1972

083236 24 AL2
Comparative study between buffalo & cow milk in soft cheese making. Ismail, A A *Alexandria J Agr Res* 20 (1): 83-88. Ref. June 1972

083237 24 AL2
Role of ascorbic acid in keeping quality of butter. El-Hagarawy, I S *Alexandria J Agr Res* 20 (1): 97-101. Ref. June 1972

083238 TP368.A4
Mould control on Emmental cheese. (Ger) Fluckiger, E *Alimenta* 12 (3): 103-106. May/June 1973

083239 TP368.A4
Aseptic packaging of milk. Bockelmann, B von *Alimenta* 12 (3): 119-126. Ref. May/June 1973

083240 TP368.A4
Radiology in cheese technology. (Ger) Blanc, B *Alimenta* 12 (3): 95-100. Eng. Sum. May/June 1973

083241 44.8 AM38
Milk coagulants. Changes that have influenced their activity & enzyme composition. Babel, F J *Amer Dairy Rev* 35 (6): 32d, 32f, 32h, 32j. June 1973

083242 34.2 AN4
Milk production functions. Reddy, A S *Andhra Agr J* 18 (3/4): 164-170. May-/Aug 1971 (Pub. 1973)

083243 49 C43
Techniques on widening distribution area & long distance transportation of fresh milk. 2. (Jap) Gejo, K *Anim Husb (tokyo)* 27 (5): 32-36. May 1973

083244 49 C43
Technology on milk & dairy products. 16. [Cream, butter]. (Jap) Nskse, T *Anim Husb (tokyo)* 27 (5): 91-94. May 1973

083245 49 C43
Technology on milk & dairy products. 17. [Processing]. (Jap) Nakae, T *Anim Husb (tokyo)* 27 (6): 89-92. June 1973

083246 49 AN55
Cold-induced inhibition of thermal panting in shorn sheep. I. Effect of intensity of cold exposure. Slee, J *Anim Prod* 16 (3): 271-283. Ref. June 1973

083247 41.9 AN4D
Amino acids, protein & lactose contents of cow's milk & yoghurt. (Tur) Baysu, N *Ankara Univ Vet Fak Dergisi* 19 (4): 453-470. Ref. Eng. Sum. 1972

083248 41.8 L49
Agar diffusion system with Bacillus stearothermophilus var. calidolactis as testmicroorganism for detection of inhibitory substances in milk. (Ger) Forschner, E *Arch Lebensm-hyg* 24 (5): 108-114. Ref. Eng. Sum. May 1973

083249 381 AS7
Collaborative study of an automated optical somatic cell counting method for raw milk. Kelley, W N *Ass Offic Anal Chem J* 56 (4): 950-956. July 1973

083250 40.19 AM3
What value goat? [Milk products]. Pippenger, D L *AGS Year Book (am Goat Soc Inc)* P. 41-44. 1972

083251 15 C89
Milk problems. [Production, distribution]. (Spa) Montaner Esteve, J *Cult Mod* 56 (5): 27-29. May 1973

083252 389.8 IC2
Brining & packaging of cheese. Nilson, K M *Dairy Ice Cream Field* 156 (6): 36, 38, 41. June 1973

083253 389.8 D482
Planning & execution of ring tests to determine pesticide residues. [Cheese]. (Ger) Hadorn, H *Deut Lebensmittelrundsch* 69 (6): 213-218. Eng. Sum. June 1973

083254 44.8 SU2
Dairy industry in Federal area in 1972 as well as comparative figures of European Economic Community for 1971. (Ger) Holst, W *Deut Molk-zeitung* 94 (20): 786-796, 798-808, 813-824. May 17, 1973

083255 44.8 SU2
On choice of gelling & thickening agents as well as gelling syrup for dairy products. (Ger) Kammerer, F X *Deut Molkzeitung* 94 (21): 848, 850, 852, 854-856. May 24, 1973

083256 44.8 SU2
Protein concentration & determination of protein content: Present & related information & further development meeting of county association of Stuttgart Dairy Experts & Dairy Economists. (Ger) Schmidt, P *Deut Molk-zeitung* 94 (21): 858-860, 862. May 24, 1973

083257 44.8 SU2
An improved proof of nitrate reduction in raw milk. (Ger) Rapp, M *Deut Molkzeitung* 94 (22): 894, 896-897. Ref. May 31, 1973

083258 44.8 SU2
Utilization of microbial rennet rennilase for manufacture of Tilsiter, Edam & butter cheese. (Ger) Botel, W *Deut Molkzeitung* 94 (23): 944-945. June 7, 1973

083259 44.8 SU2
Publicity activity of dairy industry. (Ger) Malich, S *Deut Molk-zeitung* 94 (24): 972-974. June 14, 1973

083260 44.8 SU2
Harz & Mainz cheese, modern milk protein products, marketing conditions, price determination & outlook. (Ger) Nienhaus, A *Deut Molk-zeitung* 94 (24): 978-980. June 14, 1973

083261 44.8 M736
Dietetic & low calorie dairy-fruit products & their characteristics. (Ger) Pelz, *Dtsch Milchwirtsch* 24 (16): 554,556, 558-560. Apr 18, 1973

083262 44.8 M736
World wide development of dairy industry: Report on 56th annual meeting of International Dairy Industry Association 1972 in Tokyo. (Ger) Kay, H W *Dtsch Milchwirtsch* 24 (17): 593-597. Apr 26, 1973

083263 44.8 M736
Running off defect in sour milk cheese. (Ger) Hahn, H *Dtsch Milchwirtsch* 24 (17): 611-612. Apr 26, 1973

083264 44.8 M736
Packaging of dairy industry products: 14th advice of public efficacy & consumer qualification of dairy industry products. (Ger) Koch, G *Dtsch Milchwirtsch* 24 (18): 629-630, 632, 634, 636. May 3, 1973

083265 44.8 M736
Supply of glass synthetic bottles in dairy industry: Two years experiences in Dortmund-Bochum dairy works. (Ger) Weissenberg, H *Dtsch Milchwirtsch* 24 (18): 637-638, 640-644. May 3, 1973

083266 44.8 M736
Aseptic production & bottling procedures. [Milk]. (Ger) Frolich, M *Dtsch Milchwirtsch* 24 (18): 657-660, 665. May 3, 1973

083267 44.8 M736
Feeding advisory service as a means to increase quantity & quality of milk. (Ger) Heller, K *Dtsch Milchwirtsch* 24 (19): 706, 708. May 9, 1973

083268 44.8 M736
Use of suitable mixed feed to improve spreading property of butter. (Ger) Mackrott, H *Dtsch Milchwirtsch* 24 (19): 708-709. May 9, 1973

083269 44.8 M736
Certainty in production, a prerequisite for successful marketing. [Dairy industry]. (Ger) Hess, D *Dtsch Milchwirtsch* 24 (19): 711-714. May 9, 1973

083270 44.8 M736
Note on determination of iodine numbers of milk fat with weighing glass designed by Heidbrink. (Ger) Yaygin, H *Dtsch Milchwirtsch* 24 (20): 752-753. May 16, 1973

083271 290.9 M57
Situation of milk & milk product supply & of dairy production. (Hun) Somogyvari, G *Elelmezesi Ipar* 27 (4): 108-111. Apr 1973

083272 389.9 EL2
Data to changes in chemical composition of Trappist cheese during its ripening. I. Analysis of moisture content, total & soluble protein content, & content of free aminoacids. (Hun) El-Nockrashy, S *Elelmiszervizsgalati Kozlem* 19 (1/2): 59-75. Ref. Eng. Sum. 1973

083273 389.9 EL2
Direct determination of potassium & calcium content in milk by flame photometry. (Hun) Bende, E *Elelmiszervizsgalati Kozlem* 19 (1/2): 77-81. Eng. Sum. 1973

083274 105.8 G36E
Genetical aspects of fatty acid composition of milk fat. (Ger) Kosmack, U *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 199-207. 1972

083275 HD9000.1.F63
Study on changes in composition of milk containing formalin during storage. Bector, B S *Food Indus J* 5 (9): 5-6. Feb 1973

083276 389.8 F736
Yoghourt manufacture. Davis, J G *Food Manufacture* 48 (6): 23, 25, 27-28, 30, 73. Ref. June 1973

083277 HD9000.1.F64
Effects of heat treatment, added acid, & aeration on storage properties of a low-fat dairy spread. Spurgeon, K R *Food Prod Develop* 7 (5): 104, 107-108. Ref. June 1973

083278 43.8 G69
Effective utilisation of milk in India. Srinivasan, M R *Gosamvardhana* 20 (8/9): 10-12. Nov/Dec 1972

083279 41.9 SO18
Influence of plant hydrocolloids on stabilization of chocolate milk. (Gre) Georgakes, S A *Hellen Kteniatrike Hetaireia Delt* 23 (4): 217-229. Ref. Eng. Sum. Oct/Dec 1972

083280 41.9 SO18
Contribution to improvement of condensed milk produced in Greece. (Gre) Skountzos, K *Hellen Kteniatrike Hetaireia Delt* 23 (4): 231-240. Eng. Sum. Oct/Dec 1972

083281 44.8 H65
Flanigan Report is a real threat to U.S. dairy farmers. [Dairy products, trade]. Stalbaum, L *Hoards Dairyman* 118 (12): 771, 780-781. June 25, 1973

083282 44.8 H65
Cholesterol & dairy products – are they friends or foes? Branen, A L *Hoards Dairyman* 118 (12): 773, 792. June 25, 1973

083283 QP246.S55 1967
Biochemistry of synthesis of milk fat. (Rus) Medvedev, I K *In Simpozium po fiziologii i biokhimii laktatsii, 2D, L Eningrad, 1967. Fiziologiia i Biokhimiia Laktatsii* P. 59-76. Ref. 1972

083284 QP246.S55 1967
Mechanism of biosynthesis of milk proteins. (Rus) IAkovlev, V G *In Simpozium po fiziologii i biokhimii laktatsii, 2D, L Eningrad, 1967. Fiziologiia i Biokhimiia Laktatsii* P. 76-89. Ref. 1972

083285 TP368.I8
Research on buffalo's milk. VIII. Phospholipids. (Ita) Mincione, B *Ind Agrar* 10 (12): 455-462. Ref. Eng. Sum. Dec 1972

083286 44.8 IN282
Recent developments in milk drying techniques. Sorensen, N S *Indian Dairyman* 25 (1): 33-47. Ref. Jan 1973

083287 44.8 IN282
Packaging of fluid milk. Ashton, T E *Indian Dairyman* 25 (1): 9-17. Ref. Jan 1973

083288 389.8 IN26
Changes in quality of milk, which occur during transport from supplier to consumer. (Rum) Lentoiu, T *Indus Aliment (bucuresti)* 24 (2): 72-75. Ref. Eng. Sum. Feb 1973

083289 44.8 F33
Biochemical aspects of cheese ripening. (Por) Wandeck, F A *Inst Laticinios Candido Tostes Rev* 27 (164): 1-9, 31. Ref. Sept/Oct 1972

083290 44.8 F33
New dairy products. Nutritional education. (Por) Carneiro Filho, J J *Inst Laticinios Candido Tostes Rev* 27 (164): 11-15. Sept/Oct 1972

083291 44.8 F33
Enrichment of low fat market milk with D vitamin. (Por) Vargas, O L *Inst Laticinios Candido Tostes Rev* 27 (165): 1-5. Ref. Eng. Sum. Nov/Dec 1972

083292 44.8 F33
Use of phosphorus 32 to check efficiency of use of chlorinated trisodium phosphate as a detergent. [Milk]. (Por) Wandeck, F A *Inst Laticinios Candido Tostes Rev* 27 (165): 31-33. Ref. Eng. Sum. Nov/Dec 1972

083293 44.8 F33
Modern cheese whey processing. (Por) Oliveira, C S de *Inst Laticinios Candido Tostes Rev* 28 (166): 7-9. Jan/Feb 1973

083294 44.8 C866
Cheese starter problems in United Kingdom. Crawford, R J M *Irish Agr Creamery Rev* 26 (2): 17-24. Ref. Feb 1973

083295 44.8 C866
Gyratory equipment in cheese industry. Gebbett, J G *Irish Agr Creamery Rev* 26 (3): 21-23. Mar 1973

083296 44.8 C866
Increasing efficiency in milk assembly. [Costs]. O'Dwyer, T *Irish Agr Creamery Rev* 26 (3): 7-10, 13-18. Mar 1973

083297 389.8 IZ8
Phase changes of milk fat in preparing & churning cream to make butter. [Temperature]. (Rus) Tverdokhleb, G V *Izv Vyssh Ucheb Zaved Pishch Tekhnol* 2: 48-51. 1973

083298 381 J8223
Oxidation of sodium [U-14C]palmitate into carbonyl compounds by Penicilium roqueforti spores. Dartey, C K *J Agr Food Chem* 21 (4): 721-726. Ref. July-/Aug 1973

083299 S671.J62
Effect of concentration on thermal-conductivity of whole milk. Agrawal, S P *J Agric Eng* 9 (3): 24-30. Sept 1972

083300 307.8 J82
Origin of milk fat globule. Patton, S *J Amer Oil Chem Soc* 50 (6): 178-185. Ref. June 1973

083301 307.8 J82
Composition of bovine milk lipids. Jensen, R G *J Amer Oil Chem Soc* 50 (6): 186-192. Ref. June 1973

083302 307.8 J82
Triglyceride structure of milk fats. Kuksis, A *J Amer Oil Chem Soc* 50 (6): 193-201. Ref. June 1973

083303 381 J828
Influence of dehydration method on adsorption of benzene vapor by dried casein. Berlin, E *J Colloid Interface Sci* 43 (3): 571-576. Ref. June 1973

083304 44.8 J823
A technique for evaluating reconstitution properties of milk powders. Wyeth, T C *J Dairy Res* 40 (2): 135-147. June 1973

083305 44.8 J823
An experimental continuous-culture unit for production of frozen concentrated cheese starters. Lloyd, G T *J Dairy Res* 40 (2): 149-155. Ref. June 1973

083306 44.8 J823
Some properties of frozen concentrated starters produced by continuous culture. [Cheese]. Lloyd, G T *J Dairy Res* 40 (2): 157-167. Ref. June 1973

083307 44.8 J823
Effect of dissolved O2 [dioxide] on changes occurring in flavour of ultra-high-temperature milk during storage. Zadow, J G *J Dairy Res* 40 (2): 169-177. Ref. June 1973

083308 44.8 J823
Seasonal variations in composition & thermal properties of New Zealand milk fat. I. Fatty-acid composition. Gray, I K *J Dairy Res* 40 (2): 207-214. Ref. June 1973

083309 44.8 J823
Comparison of milks processed by direct & indirect methods of ultra-high-temperature sterilization. Perkin, A G *J Dairy Res* 40 (2): 215-220. Ref. June 1973

083310 44.8 J823
Comparison of specificity & kinetic properties of 3 milk-clotting enzymes. [Rennin, Mucor pusillus, Endothia parasitica, Cheese production]. Kovacs-Proszt, G *J Dairy Res* 40 (2): 263-272. Ref. June 1973

083311 44.8 J822
Water sorption by dried dairy products stabilized with carboxymethyl cellulose. Berlin, E *J Dairy Sci* 56 (6): 685-689. Ref. June 1973

083312 44.8 J822
Effects of histidine modification of kappa-casein. Nakai, S *J Dairy Sci* 56 (6): 690-698. Ref. June 1973

083313 44.8 J822
Viscosity and voluminosity of bovine milk casein micelles. Dewan, R K *J Dairy Sci* 56 (6): 699-705. Ref. June 1973

083314 44.8 J822
Lactic culture inocula required to inhibit staphylococci in sterile milk. Richardson, G H *J Dairy Sci* 56 (6): 706-709. Ref. June 1973

083315 44.8 J822
Growth response of Lactobacillus casei variety casei to proteolysis products in cheese during ripening. Nath, K R *J Dairy Sci* 56 (6): 710-715. Ref. June 1973

083316 44.8 J822
Relationship of milk fat globule membrane material to flavor development in Cheddar cheese. Law, B A *J Dairy Sci* 56 (6): 716-723. Ref. June 1973

083317 44.8 J822
Milk gel structure. I. Application of scanning electron microscopy to milk & other food gels. Kalab, M *J Dairy Sci* 56 (7): 835-842. Ref. July 1973

083318 44.8 J822
Effect of methanol on various forms of lactose. Lim, S G *J Dairy Sci* 56 (7): 843-848. July 1973

083319 44.8 J822
Mark I Pro-Milk Tester for estimation of protein percentage in plant milk supplies. Szijarto, L *J Dairy Sci* 56 (7): 854-857. July 1973

083320 44.8 J822
Minimum number of fresh milk samples: a test of theory. Pelsue, N H *J Dairy Sci* 56 (7): 968-971. July 1973

083321 389.8 J823
Studies on vegetable rennet from Withania coagulans. Singh, J *J Food Sci Technol (mysore)* 10 (1): 16-19. Jan/Mar 1973

083322 389.8 J823
A urea sulphuric acid method for simulataneous preparation of alphas betaand kappa-caseins from milk. Joseph, K C *J Food Sci Technol (mysore)* 9 (4): 205-206. Dec 1972

083323 389.8 J823
Effect of citric acid on acid & flavour production by lactic acid bacteria. [Milk products]. Dutta, S M *J Food Sci Technol (mysore)* 9 (4): 207-208. Ref. Dec 1972

083324 389.8 F7322
Pink discoloration in Cheddar cheese. Govindarajan, S *J Food Sci* 38 (4): 675-678. Ref. May/June 1973

083325 44.8 J824
Fate of Bacillus cereus in cultured & direct acidified skimmilk & Cheddar cheese. Miklajcik, E M *J Milk Food Technol* 36 (6): 317-320. Ref. June 1973

083326 44.8 J824
Utilization of dairy ingredients in other foods. Jonas, J J *J Milk Food Technol* 36 (6): 323-332. Ref. June 1973

083327 44.8 J824
Determination of lactose in milk by gas liquid chromatography. Jaynes, H O *J Milk Food Technol* 36 (6): 333-336. Ref. June 1973

083328 49 N62
A comparative study on antigenicities of degradation products of caseins in various types of ripened cheeses. Takahashi, F *Jap J Zootech Sci* 44 (5): 241-247. Ref May 1973

083329 44.9 K542
Problems related to technological fractionation of butterfat by means of filtration of fat grannules. Ii. Formation & morphology of sperolites in tempered butterfat. (Ger) Beyerlein, U *Kieler Milchwirtsch Forschungsber* 25 (1): 49-60. Ref. Eng. Sum. Mar 29, 1973

083330 105.9 H89
Trend in formation of quanity, drymatterand butterfat percentage of milk in case of functional disorders of udder. [Mastitis, cattle]. (Hun) Szajko, L *Kiserletugyi Kozlemenyek* 64B (1/3): 57-71. Ref. Eng. Sum. 1971 (Pub. 1973)

083331 389.9 K99R
On characteristics of RNAs from cow's milk. (Jap) Komatsu, K *Kyoto Univ Res Inst Food Sci Bull* 36: 1-5. Ref. Eng. Sum. Mar 1973

083332 44.8 L35
On composition of fatty acids in soft cheeses. (Ita) Kaderavek, G *Latte* 42 (2): 97. Feb 1973

083333 44.8 L35
A method for transferring Streptococcus thermophilus in cheese manufacture & a new method for preparation of lactic ferments. (Ita) Sozzi, T *Latte* 47 (1): 15-19. Ref. Eng. Sum. June 1973

083334 44.8 L35
Difference between a microbial rennet & a calf rennet. (Ita) Carini, S *Latte* 47 (1): 20-23. Ref. Eng. Sum. June 1973

083335 44.8 L35
Determination of micronutrients in dairy products form Modena. (Ita) Bertolani, G *Latte* 47 (1): 42-43. Ref. June 1973

083336 44.8 L35
Research on Silter cheese. (Ita) Corradini, C *Latte* 47 (3): 168-173. Mar 1973

083337 44.8 L35
Hygienic-sanitary rules for production, processing & distribution of milk. (Ita) *Latte* 47 (3): 174-177. Mar 1973

083338 44.8 M26
Work hygiene in food industry. [Dairy plants, contamination]. (Dan) Sorensen, N O *Maelkeritidende* 86 (20): 509-513. May 18, 1973

083339 44.8 M26
Influence of gas packaging on growth of mold & yeast in yoghurt. (Dan) Jorgensen, H *Maelkeritidende* 86 (21): 534-539. May 25, 1973

083340 44.8 M47
Skim milk. (Nor) Asland, O J *Meieriposten* 62 (19): 355-356. May 12, 1973

083341 44.8 M694AC
Research on a fungicide preparation for surface protection of Trappist cheese during its ripening. (Cro) Vujicic, I F *Mljekarstvo* 23 (3): 54-58. Eng. Sum. Mar 1973

083342 44.8 M694AC
Developmental trends in sweet milk drinks technology. (Cro) Petricic, A *Mljekarstvo* 23 (3): 59-66. Ref. Mar 1973

083343 S19.M6
Role of world dairying filling protein gap. Khurody, D N *Mod Agric* 3 (3): 29-32. May/June 1972

083344 44.8 C162
Building & formation of ice cream microstructure during processing. Nielsen, B J *Mod Dairy* 52 (5): 10-12. Ref. May 1973

083345 44.8 C162
Profitable manufacture of yogurt & propagation of yogurt cultures. Sellars, R L *Mod Dairy* 52 (5): 19-22. May 1973

083346 44.8 M735
Production of industrial ice cream. (Ger) Meyer, R *Molk-zeitung Welt Milch* 27 (16): 465-469. Apr 19, 1973

083347 44.8 M735
Packaging milk & milk products. (Ger) Meier, R *Molk-zeitung Welt Milch* 27 (18): 546, 548-549. May 4, 1973

083348 44.8 M735
Packaging milk & milk products. (Ger) Meier, R *Molk-zeitung Welt Milch* 27 (20): 625-632. May 18, 1973

083349 44.8 M735
Publicity activity of dairy industry. (Ger) Malich, S *Molk-zeitung Welt Milch* 27 (23): 745-748. June 8, 1973

083350 44.8 M735
Significance of milk as protective food. (Ger) Halden, W *Molk-zeitung Welt Milch* 27 (24): 793-798. June 15, 1973

083351 44.8 M735
Adulteration according to paragraph 36 of milk legislation. (Ger) Schauff, A M *Molk-zeitung Welt Milch* 27 (24): 799-801. June 15, 1973

083352 44.8 M74
Production & marketing of Gorgonzola cheese. (Ita) *Mondo Latte* 27 (3): 159-163. Mar 1973

083353 44.8 M74
Indentification of 'non-fat components' in ice cream mixtures made of milk. (Ita) Primatesta, G *Mondo Latte* 27 (3): 168-171. Mar 1973

083354 SF221.N4
Turbidity of lactic casein whey. Thomas, T D *N Z J Dairy Sci & Technol* 8 (1): 14-16. Mar 1973

083355 SF221.N4
A survey of bulk starter preparation & handling in New Zealand cheese factories. Pearce, L E *N Z J Dairy Sci & Technol* 8 (1): 17-21. Mar 1973

083356 SF221.N4
An appreciation of reductase tests. [Milk analysis]. Fryer, T F *N Z J Dairy Sci & Technol* 8 (1): 21-24. Mar 1973

083357 SF221.N4
Calcium lactate deposits on rindless Cheddar cheese. Pearce, K N *N Z J Dairy Sci & Technol* 8 (1): 3-7. Ref. Mar 1973

083358 SF221.N4
Proceedings of symposium on thermoduric organisms, 5 September 1972. [Dairy products]. Fryer, T F *N Z J Dairy Sci & Technol* 8 (1): 30-33. Mar 1973

083359 SF221.N4
Bonding interactions between beta-casein & halloysite. Mills, O E *N Z J Dairy Sci & Technol* 8 (1): 8-13. Ref. Mar 1973

083360 389.8 N142
Composition & properties of cow's milk fat in case of subclinical mastitis. (Ger) Ingr, I *Nahrung* 17 (2): 215-223. Ref. Eng. Sum. 1973

083361 389.8 N142
On effect of subclinical mastitis on certain nutritive, technological & hygienic properties of cow's milk. (Ger) Ingr, I *Nahrung* 17 (2): 225-232. Ref. Eng. Sum. 1973

083362 389.8 N142
Trials on determination of whey protein content in coprecipitates. (Ger) Tinius, I *Nahrung* 17 (3): 341-348. Ref. Eng. Sum. 1973

083363 389.8 N142
Studies on determination of milk protein by means of dye binding. (Ger) Konrad, H *Nahrung* 17 (3): 349-357. Ref. Eng. Sum. 1973

083364 SF221.N44
Bulk collected milk as raw material of butter & cheese. (Dut) Boer, J K de *Nizo Meded Ned Inst Zuivelonderz* 8, 80 P. Eng. Sum. Apr 1, 1973

083365 SF221.N44
Lipolysis. [Milk]. (Dut) Jellema, A *Nizo Meded Ned Inst Zuivelonderz* 8: 11-23. Ref. Eng. Sum. Apr 1, 1973

083366 SF221.N44
Bulk milk collection; an introduction to subject. (Dut) Schipper, C J *Nizo Meded Ned Inst Zuivelonderz* 8: 5-10. Eng. Sum. Apr 1, 1973

083367 SF221.N44
Quality of cheese made from bulk collected milk. (Dut) Boer Azn, J K de *Nizo Meded Ned Inst Zuivelonderz* 8: 54-67. Eng. Sum. Apr 1, 1973

083368 SF221.N44
Quality of butter & milk made from bulk collected milk. (Dut) Kimenai, M P *Nizo Meded Ned Inst Zuivelonderz* 8: 68-76. Eng. Sum. Apr 1, 1973

083369 10 N81
Clean milk production. *Northern Ireland Min Agr Adv Serv Leaf* 82, 8 P. Apr 1973

083370 RA421.N8
Indications of colimetry of pasteurized milks preserved at 4C & 22C temperatures. (Ita) Vescia, N *Nuovi Ann Ig Microbiol* 23 (4): 281-291. Ref. Eng. Sum. July/Aug 1972

083371 23 AU75
Japanese beef market. Yoshimura, S *Pastoral Rev* 83 (4): 161, 163. Apr 1973

083372 44.9 R13
Studies on proteolytic-enzyme-producing bacteria in pasteurized milk. 1. A bacterium, bacillus subtilis, isolated from pasteurized milk. (Jap) Kikuchi, M *Rakuno-gakuen Daigaku Hokkaido J Kiyo* 4 (2): 91-98. Eng. Sum. Dec 1972

083373 464.8 SP2
Factors affecting cheese flavour. Evans, E W *SPan (shell Publ Health Agr News)* 16 (1): 36-38. 1973

083374 44.8 OF2
Aflatoxins or flavacoumarins & their properties: case of milk & dairy products. (Fre) Jacquet, J *Tech Lait* 28 (775): 27-29. Apr 10, 1973

083375 44.8 OF2
Utilization of statistical tool. [Dairy products]. (Fre) Jousier, X *Tech Lait* 28 (775): 31-33, 46. Apr 10, 1973

083376 44.8 OF2
Recycling. 21. Study of colloidal phase of milk. (Fre) Pien, J *Tech Lait* 28 (775): 43-44, 46. Apr 10, 1973

083377 1 AG84MR
Sales of fluid milk products, 1954-72. Manchester, A C *U S D A Mkt Res Rep* 997, 11 P. June 1973

083378 41.9 C333
Effect of ferrocyanides on elimination of radiocesium in pigs. (Cze) Havlicek, F *Vet Med (prague)* 18 (2): 111-116. Ref. Eng. Sum. Feb 1973

083379 384 Z39
Production of aflatoxin-M-Standards for analytical investigations. [Milk]. (Ger) Mucke, W *Z Lebensmittel-untersuchung -Forsch* 151 (6): 387-391. 1973

083380 384 Z39
Influence of pH [hydrogen-ion concentration] on aflatoxin-formation in model experiments with milk powder. (Ger) Kiermeier, F *Z Lebensmittel-untersuchung -Forsch* 151 (6): 392-394. 1973

083381 384 Z39
Buffering properties of cow & buffalo milks. Ismail, A A *Z Lebensmittel-untersuchung -Forsch* 152 (1): 25-31. Eng. Sum. 1973

083382 384 Z39
Unsubstituted aliphatic monocarboxylic acids & alpha-ketoacids in Camembert. (Ger) Ney, K H *Z Lebensmittel-untersuchung -Forsch* 152 (1): 32-34. Eng. Sum. 1973

083383 384 Z39
Isolation & identification of aliphatic amides in Cheddar , Emmental, Manchego & German Blue cheese. (Ger) Wirotama, I P G *Z Lebensmittel-untersuchung -Forsch* 152 (1): 35-37. Ref. Eng. Sum. 1973

083384 384 Z39
Photometric micro-determination of residues of disinfecting quaternary ammonium compounds in milk. Disturbanges caused by ingredients of milk. (Ger) Wildbrett, G *Z Lebensmittel-untersuchung -Forsch* 152 (2): 79-86. Ref. Eng. Sum. 1973

083385 384 Z39
Effect of some additives on sedimentation of soluble nitrogen constituents of cow & buffalo milks. Ismail, A A *Z Lebensmittel-untersuchung -Forsch* 152 (3): 71-74. 1973

083386 448.3 C33 (3)
Evaluation of bacto-strip technique for detection of coliforms in pasteurized milk. Naguib, K *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 128 (1/): 88-92. Ref. 1973

083387 448.3 C33 (3)
Occurrence of clostridia in white pickled Domiati & Gouda cheeses. Naguib, K *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 128 (1/2): 84-87. Ref. 1973

083388 448.3 C33 (3)
Viability of Salmonella typhimurium in ice-cream. Sadek, G *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 128 (1/2): 93-96. Ref. 1973

083389 49 Z6
Milk & butter quality in relation to feeding cows pellets of straw-grain mixture. (Rus) Bezenko, T I *Zhivotnovodstvo* 5: 53-55. May 1973

LIVESTOCK PRODUCTS

083390 505 P21 (3)
Comparative study of protein constituants of wool & hair. (Fre) Ruffin, P *Acad Sci (paris) C R Ser D* 276 (16): 2403-2405. Apr 15, 1973

083391 256.13 AG82M
Wool: a valuable commodity. Ellis, A B *Agric North Irel* 48 (1): 29-31. May 1973

083392 TP368.A4
Chemical examination of meat & meat products with 'Technicon Auto Analyzer'. (Ger) Schmidhofer, T *Alimenta* 12 (3): 109-112. May/June 1973

083393 303.9 AM32
Vertical fiber hide defect: biopsy study of twin cattle furnishes further proof of genetic origin, disproof of feeding influence. Hannigan, M V *Amer Leather Chem Ass J* 68 (7): 270-282. Ref. July 1973

083394 49 AN55
Production of beef from pre-ruminant Friesian steers. Roy, J H B *Anim Prod* 16 (3): 215-222. June 1973

083395 449.8 AR2
Survival versus growth of a facultattive psychrotroph in meat & meat products. [Listeria monocytogenes]. Khan, M A *Arch Hyg Bakteriol* 157 (2/3): 277-282. Ref. 1973

083396 41.8 L49
Essay of soya-protein in meat products by indirect hemagglutination. (Ger) Hermann, C *Arch Lebensm-hyg* 24 (6): 131-134. Ref. Eng. Sum. June 1973

083397 41.8 L49
Importance & weight of dip coating for sausage. (Ger) Harms, F *Arch Lebensm-hyg* 24 (6): 135-137. Eng. Sum. June 1973

083398 41.8 L49
Investigations on usual composition of 'Zungenwurst' in Schleswig-Holstein. [Sausages]. (Ger) Wriedt, J *Arch Lebensm-hyg* 24 (6): 137-139. June 1973

083399 41.8 AR25
Carnitine contents of meat & organs of slaughterhouse animals. (Ita) Cantoni, C *Arch Vet Ital* 23 (6): 413-417. Eng. Sum. Dec 31, 1972

083400 41.8 AR25
Pyruvic & lactic acid content of swine meat, dry salami & dry country hams. (Ita) Cantoni, C A *Arch Vet Ital* 23 (6): 419-425. Eng. Sum. Dec 31, 1972

083401 41.8 AR25
On use of binders in meat emulsions. (Ita) Cantoni, C *Arch Vet Ital* 23 (6): 443-454. Ref. Eng. Sum. Dec 31, 1972

083402 381 AS7
Nitrosopyrrolidine in cooked bacon. Fazio, T *Ass Offic Anal Chem J* 56 (4): 919-921. July 1973

083403 381 AS7
Critical evaluation of AOAC[Association of Official Analytical Chemists] method of analysis for nitrite in meat. Nicholas, R A *Ass Offic Anal Chem J* 56 (4): 922-925. Ref. July 1973

083404 281.9 AU73
An evaluation of use of grab samples in appraisal of wool for store handling. Simmons, G H *Australia Bur Agr Econ Quart Rev Agr Econ* 26 (2): 89-99. Apr 1973

083405 SF95.A9
Production of meat from Aragon sheep. (Spa) Sierra Alfranca, I *Av Aliment Mejora Anim* 14 (3): 139-142, 145-148, 151-152. Mar 1973

083406 47.8 B26
Analysis & research of labor safety in poultry industry. II. (Hun) Lausek, A *Baromfiipar* 20 (3): 97-108. 1973

083407 SF1.A4
Influence of consumer & retailer attitudes on beef industry. Stiles, M E *Feeders' Day Dep Anim Sci Univ Alberta* 51St: 19-22. June 1972

083408 SF1.A4
Yields from lean cuts as a measure of carcass merit in swine. Lind, R E *Feeders' Day Dep Anim Sci Univ Alberta* 52: 16-19. 1973

083409 TP450.A1F55
Compounded seasonings for meat products. Hill, M H *Flavour Ind* 4 (4): 164-168. Ref. Apr 1973

083410 50.8 F622
Newer activity in intensification of production. [Meat packing industry]. (Ger) Freitag, K *Fleisch* 27 (5): 81-82. May 1973

083411 50.8 F622
Primary clouding frankfurters of pickle & advice to avoid it. (Ger) Muller, G *Fleisch* 27 (5): 85-87. May 1973

083412 50.8 F622
Combined meat works as an experimental plant. (Ger) Schunewitsch, A *Fleisch* 27 (5): 89-91. May 1973

083413 50.8 F622
Fork-lift trucks & their employment in meat industry. 2. (Ger) Busse, G *Fleisch* 27 (5): 92-93. May 1973

083414 50.8 F622
Ia test carving of beef in carcasses evaluation. (Ger) Priebs, G *Fleisch* 27 (5): 96. May 1973

083415 TS1950.F5
Methods for maturing raw sausages. (Ger) Gallert, H *Fleischerei* 24 (6): 29-30. June 1973

083416 TS1950.F5
Aspects of cooling meat & meat products in transportation. (Ger) Hertzberg, W *Fleischerei* 24 (6): 31-32. June 1973

083417 TS1950.F5
Maturing, smoking & cooking in industrial plant. [Meat]. (Ger) Kohn, H *Fleischerei* 24 (6): 39-40, 42. June 1973

083418 TS1950.F5
Aw-value an important factor for practice of meat processing. [Water content]. (Ger) Rodel, W *Fleischerei* 24 (6): 44-46, 48. June 1973

083419 TS1950.F5
On topic: processing of raw sausage. (Ger) Terplan, G *Fleischerei* 24 (6): 54, 57. June 1973

083420 TS1950.F5
Rational storage keeping in a medium size plant. [Meat industry]. (Ger) Hack, K H *Fleischerei* 24 (6): 58, 60. June 1973

083421 TS1950.F5
Optimization of meat production. (Ger) Biethahn, J *Fleischerei* 24 (6): 78, 81. June 1973

083422 280.38 F62
Modern heat sterilization of canned meats. (Ger) Wirth, F *Fleischwirtschaft* 53 (5): 611-618. Ref. May 1973

083423 280.38 F62
Changes in meat after slaughter. (Ger) Hamm, R *Fleischwirtschaft* 53 (5): 625-628. May 1973

083424 280.38 F62
What does hydrogen-ion concentration state about hereditary conditional changes in nature of port? (Ger) Scheper, J *Fleischwirtschaft* 53 (5): 647-650. May 1973

083425 280.38 F62
Manufacture of canned sausages with-long shelf-life. I. Making heat-stable sausages. (Ger) Wirth, F *Fleischwirtschaft* 53 (5): 661-662, 665-666, 679-670, 673. Ref. Eng. Sum. May 1973

083426 280.38 F62
Maturing beef in stretch-film wrapping. (Ger) Tandler, K *Fleischwirtschaft* 53 (5): 674-676, 679. Eng. Sum. May 1973

083427 280.38 F62
Effect of curing brine bacteria on properties of cured meat. (Ger) Laine, J J *Fleischwirtschaft* 53 (5): 680-682, 685-686. Eng. Sum. May 1973

083428 280.38 F62
Determination of foreign protein in sausage products. (Ger) Kraack, J *Fleischwirtschaft* 53 (5): 697-698, 701-702. Ref. Eng. Sum. May 1973

083429 280.38 F62
Is Biuret method suitable for quick determination of protein content in hams? (Ger) Mihalyi, V *Fleischwirtschaft* 53 (5): 705-706. Ref. Eng. Sum. May 1973

083430 280.38 F62
Formation of sterigmaticystin in bacteriological media & in dry sausage by Aspergillus versicolor. (Ger) Alperden, I *Fleischwirtschaft* 53 (5): 707-710. Ref. Eng. Sum. May 1971

083431 280.38 F62
Keeping quality of cured meat products of long shelf-life. (Ger) Heiss, R *Fleischwirtschaft* 63 (5): 689-690, 693-694. Eng. Sum. May 1973

083432 TX1.H63
Palatability of ground beef home frozen & stored in selected wraps. Baldwin, R E *Home Econ Res J* 1 (2): 119-125. Ref. Dec 1972

083433 TX1.H63
Conventional & microwave heating of beef: Use of plastic wrap. Ruyack, D F *Home Econ Res J* 1 (2): 98-103. Ref. Dec 1972

083434 50.8 H95
Training for meat industry in Debrecen. (Hun) Kecskes, A *Husipar* 22 (1): 9-13. Eng. Sum. Jan 1973

083435 50.8 H95
State of meat technology & development trends. (Hun) Berszan, G *Husipar* 22 (2): 49-54. Ref. Eng. Sum. Mar/Apr 1973

083436 50.8 H95
Innovation movement in meat industry. (Hun) Febel, N *Husipar* 22 (2): 55-58. Eng. Sum. Mar/Apr 1973

083437 50.8 H95
Quick phosphorus determination of meat & meat products applying wet disclosing method. (Hun) Hendrik, A *Husipar* 22 (2): 69-73. Ref. Eng. Sum. Mar/Apr 1973

083438 389.8 IN26
Problems & trends in world meat economy. (Rum) Otel, I *Indus Aliment (bucuresti)* 24 (3): 125-128. Ref. Eng. Sum. Mar 1973

083439 389.8 IN26
Biochemical criteria in appreciating hygienic condition & quality of tinned meat depending on freshness of raw material. (Rum) Gheorghe, V *Indus Aliment (bucuresti)* 24 (4): 199-202. Ref. Eng. Sum. Apr 1973

083440 HD9000.1.I52
Choice standards of most suitable materials in meat processing plants. (Ita) Roncaglioli, B *Indus Aliment (pinerolo)* 12 (93): 102-106. Mar 1973

083441 HD9000.1.I52
Slaughterhouses building – problems of realization & programming lines. (Ita) Pandolfi, S *Indus Aliment (pinerolo)* 12 (93): 114-121. Mar 1973

083442 HD9000.1.I52
Vegetable proteins in basic meat products. (Ita) Gubler, D *Indus Aliment (pinerolo)* 12 (93): 133-138. Mar 1973

083443 HD9000.1.I52
Slaughterhouses & distributive circuits of meat: evolutions & perspectiveness. (Ita) Liguori, F *Indus Aliment (pinerolo)* 12 (93): 81-88. Mar 1973

083444 HD9000.1.I52
Slaughtering lines: characteristics of several systems. Improvement perpectiveness. (Ita) Savi, P *Indus Aliment (pinerolo)* 12 (93): 93-95. Mar 1973

083445 389.8 IN23
Quantity of sucrose in sausages. II. Experimental research. (Ita) Maggi, E *Indus Conserve* 48 (1): 24-26. Eng. Sum. Jan/-Mar 1973

083446 TS1950.I5
Contribution of lean & fat tissues & their ratio as an index of meatiness of swine carcasses. (Pol) Bochno, R *Inst Przem Miesnego Rocz* 9 (1): 21-26. Ref. Eng. Sum. 1972

083447 TS1950.I5
Volumetric method of meat specific mass measurement. (Pol) Tyszkiewicz, S *Inst Przem Miesnego Rocz* 9 (1): 27-39. Eng. Sum. 1972

083448 TS1950.I5
Fluorimetric method of thiamine & riboflavin determination in meat. (Pol) Witkowska, H *Inst Przem Miesnego Rocz* 9 (1): 41-49. Ref. Eng. Sum. 1972

083449 TS1950.I5
Method of glucose determination in meat products. (Pol) Tyszkiewicz, I *Inst Przem Miesnego Rocz* 9 (1): 51-56. Eng. Sum. 1972

083450 TS1950.I5
Determination of antioxidants in lard. (Pol) Spychala, K *Inst Przem Miesnego Rocz* 9 (1): 57-63. Eng. Sum. 1972

083451 TS1950.I5
Mathematical expression of reducation of bacteria population in pasteurization process. [Meat]. (Pol) Rojowska, I *Inst Przem Miesnego Rocz* 9 (1): 65-78. Eng. Sum. 1972

083452 TS1950.I5
Preliminary study on optimization of meat-raw material utilization using computer technique. (Pol) Witwicka, K *Inst Przem Miesnego Rocz* 9 (1): 89-100. Ref. Eng. Sum. 1972

083453 TS1300.I5
Measurement of electrostatical charge & evaluation of antistatic agents in textile industry. [Wool]. (Fre) Ramaszeder, K *Inst Text Fr Bull Sci* 2 (6): 113-124. Eng. Sum. Second Quarter 1973

083454 TS1300.I5
Nature & origin of dust deposits on a self-twist spinning machine. (Fre) Bauters, M *Inst Text Fr Bull Sci* 2 (6): 125-134. Eng. Sum. Second Quarter 1973

083455 381 J8223
Quantitative isolation & partial characterization of elastin in bovine muscle tissue. [Meat tenderness]. Cross, H R *J Agr Food Chem* 21 (4): 716-721. Ref. July-/Aug 1973

083456 10 J822
An examination of sample joint dissection & specific gravity techniques for assesing carcass composition of steers slaughtered in commercial abattoirs. Ledger, H P *J Agr Sci (London)* 83 (3): 381-392. Ref. June 1973

083457 307.8 J82
Development of edible tallow fractions for specialty fat uses. Luddy, F E *J Amer Oil Chem Soc* 50 (7): 240-244. Ref. July 1973

083458 49 J82
Characteristics of hams & loins from high & low cutability pork carcasses. Henning, W R *J Anim Sci* 36 (6): 1063-1068. Ref. June 1973

083459 49 J82
Predicting chemical composition of beef carcasses from easily obtainable carcass variables. Powell, W E *J Anim Sci* 36 (6): 1069-1076. Ref. June 1973

083460 49 J82
Eating quality of mutton compared with lamb & its relationship to freezing practice. Wenham, L M *J Anim Sci* 36 (6): 1081-1087. Ref. June 1973

083461 49 J82
Diet, sex & vacuum packaging effects on pork aging. Ramsey, C B *J Anim Sci* 37 (1): 40-48. July 1973

083462 389.8 F7322
Freezing of raw beef: influence of aging, freezing rate & cooking method on quality & yield. Jakobsson, B *J Food Sci* 38 (4): 560-565. Ref. May/June 1973

083463 389.8 F7322
Effect of postmortem conditions on certain chemical, morphological & organoleptic properties of bovine muscle. Parrish, F C *J Food Sci* 38 (4): 690-695. Ref. May/June 1973

083464 389.8 F7322
On interaction of myoglobin & hemoglobin with molecular oxygen & its lower oxidation states & with cytochrome c. [Meat color]. Giddings, G G *J Food Sci* 38 (4): 705-709. Ref. May/June 1973

083465 389.8 F7322
Post-slaughter pH [hydrogen ion-concentration] variation in beef. Khan, A W *J Food Sci* 38 (4): 710-711. Ref. May/-June 1973

083466 389.8 F7322
Effect of frankfurter cure ingredients on n-nitrosodimethylamine formation in a model system. [Carcinogens]. Fiddler, W *J Food Sci* 38 (4): 714-715. May/June 1973

083467 TP368.J6
A comparison of effects of some post-slaughter treatments on tenderness of beef. Bouton, P E *J Food Technol* 8 (1): 39-49. Ref. Mar 1973

083468 TP368.J6
Bochemical studies on discoloration of fresh meat. Atkinson, J L *J Food Technol* 8 (1): 51-58. Ref. Mar 1973

083469 TP368.J6
Effects of ultraviolet irradiation on growth of micro-organisms on chilled beef slices. Kaess, G *J Food Technol* 8 (1): 59-69. Mar 1973

083470 TP368.J6
Hot cutting of lamb & mutton. McLeod, K *J Food Technol* 8 (1): 71-76. Mar 1973

083471 44.8 J824
Experimental survival studies of Sporothrix schenckii in a meat product. Scharding, J H *J Milk Food Technol* 36 (6): 311-314. June 1973

083472 TP156.R45J6
Mechanical measurements of meat tenderness using nip tenderometer. Smith, G C *J Texture Stud* 4 (2): 196-203. June 1973

083473 S19.J3
Serological identification of animal proteins. Abe, T *JArq (j Agr Res Quart)* 7 (1): 47-50. 1973

083474 TP368.L4
Influence of processing factors on quality characteristics of short-cut country-style hams. Heaton, E K *Lebensm-Wiss Technol* 6 (2): 48-51. 1973

083475 304.8 M27
Influence of use of synthetics on future of making wool fabrics. (Hun) Ligeti, I *Magyar Textiltech* 26 (3): 143-149. Eng. Sum. Mar 1973

083476 TS1950.M42
Studies in processing of sheep & lamb casings. II. Pulling & stripping. West, J *MIRINZ Meat Indus Res Inst N Z* 294, 20 P. Feb 1973

083477 45.8 N21N
What makes lamb taste like lamb? Sink, J D *Nat Wool Grower* 63 (7): 16,27. July 1973

083478 41.8 N922
On presnece of inhibiting substances in muscular tissue & kidneys of regularly slaughtered suckling calves. [Tetracycline]. (Ita) Gasparini, U *Nuova Vet* 48 (6): 327-331. Ref. Eng. Sum. Nov/Dec 1972

083479 23 AU75
Turning livestock into meat. King, W *Pastoral Rev* 83 (3): 120-121. Mar 1973

083480 19.5 P752
Obtaining wool with chemical preparation. (Slo) Gabris, J *Pol'nohospodarstvo* 19 (3): 202-209. Eng. Sum. 1973

083481 24 R323
Skins of Caracul sheep. (Por) Pereira, M dos S *Rev Agr (mocambique)* 15 (154): 10-16. Jan 1973

083482 SF1.R54
Role of cold in meat preservation for marketing. (Ita) Monzini, A *Rilancio Agric Vet Zootec* 5 (1): 24-26. 1973

083483 20.5 R59 SER. B
Preliminary studies on goose down. [Feathers]. (Pol) Baczkowska, H *Rocz Nauk Roln Ser B Zootech* 94 (3): 115-123. Eng. Sum. 1972

083484 275.249 SO8
Classing farm wool clip. Brown, A L *S Aust Dep Agr Ext Bull* 6, 16 P. 1973

083485 286.85 D48
New slaughter techniques. (Ger) Brunet, H *Schlacht Viehhof-ztg* 13 (6): 199-205. June 1973

083486 286.85 D48
Liability for deficiency in selling slaughter animals with regard to new ways of marketing & marketing procedures as well possible insurance of such risks. (Ger) Pohlchristoph, H *Schlacht Viehhof-ztg* 13 (6): 205-208. (Continued) June 1973

083487 286.85 D48
Effect of customary storage on chemical composition & general condition of sausage products. (Ger) Awad, A H *Schlacht Viehhof-ztg* 13 (6): 213-219. Ref. Eng. Sum. June 1973

083488 286.85 D48
Modernization of Brazilian meat industry: Brazil will surpass Argentina in meat trade. (Ger) Schweisheimer, W *Schlacht Viehhof-ztg* 13 (6): 219-220. June 1973

083489 TS1950.T4
Examination of changes of tea-sausage slices vacuum packed in vestamid & celotes bags & kept at different temperatures. (Cro) Graic, J *Tehnol Mesa* 13 (6): 174-177. Ref. Eng. Sum. June 1972

083490 304.8 T293
Fatique testing of fibers under compressive flexing. [Wool]. Dunlop, J I *Textile Res J* 43 (7): 379-382. Ref. July 1973

083491 41.8 V6494
Effect of production process, regimen of thermical treatment & storage temperature on hygienic & other qualities of sausages. (Cro) Varenika, O *Veterinaria (Sarajevo)* 21 (3): 371-392. Ref. Eng. Sum. 1972

083492 281.8 W892
Meat from big game of Africa. Whitlock, R *World Crops* 25 (3): 139-140. Map. May/June 1973

083493 384 Z39
Biochemical test for differentiation between non-frozen & frozen-and-thawed meat in pale, watery pork. (Ger) Hamm, R *Z Lebensmittel-untersuchung -Forsch* 152 (1): 1-7. Ref. Eng. Sum. 1973

083494 49.9 C33
Correlation relations of basic indices of carcas analysis of fattening bullocks. (Slo) Mechirova, A *Zivocisna Vyroba* 18 (2): 135-142. Eng. Sum. Feb 1973

083495 49.9 C33
Carcass value of fattened bullocks of Bohemian Pied of Red Danish, & of Black Pied Lowland cattle. (Cze) Franc, C *Zivocisna Vyroba* 18 (2): 143-158. Ref. Eng. Sum. Feb 1973

POULTRY PRODUCTS

083496 41.8 AC87
Irradiation of chicken egg white. I. Effect on proteinase inhibitors. [Contamination]. Fossum, K *Acta Vet Scand* 14 (1): 118-128. Ref. 1973

083497 21.5 AG84
Contribution to knowledge of slaughter results in broilers of 'Tetra-B' (Babolna-Hungary). (Cro) Braun, B *Agron Glas* 36 (7/8): 419-426. Ref. Eng. Sum. 1972

083498 381 AN13
Estimation of water-extractable Ca [calcium] in chicken breast muscle by atomic absorption. Nakamura, R *Anal Biochem* 53 (2): 531-537. Ref. June 1973

083499 381 AN13
O-carboxamidomethyl tyrosine as a reaction product of alkylation of proteins with lodoacetamide. [Eggs]. Cotner, R C *Anal Biochem* 54 (1): 170-177. Ref. July 1973

083500 381 AS7
Measurement of egg content of noodles by multiple radial immunodiffusion analysis of egg proteins with albumen-specific antiserum. Cantagalli, P *Ass Offic Anal Chem J* 56 (4): 926-929. Ref. July 1973

083501 47.8 R523
How to utilize slaughtering wastee. [Poultry]. (Ita) Laurent, M *Avicoltura* 42 (5): 47-50. May 1973

083502 47.8 R523
Egg products: past, present & future. (Ita) Brunoli, A *Avicoltura* 42 (5): 53-56. May 1973

083503 16 AV9
A meat for keeping: poultry meat. (Ita) *Avvenire Agr* 81 (1): 17-19. Jan 1973

083504 381 B522
Isolation & characterisation of hen egg white ovomucin. Sleigh, R W *Biochim Biophys Acta* 310 (2): 453-460. Ref. June 15, 1973

083505 47.8 B77
Microbiology & sensory evaluation of pheasants hung at 5, 10 & 15 C. Barnes, E M *Brit Poultry Sci* 14 (3): 229-240. Ref. May 1973

083506 47.8 B77
Estimation of egg weight from egg gradings. Burdett, B M *Brit Poultry Sci* 14 (3): 303-310. May 1973

083507 47.8 C81
Variations in egg size. Bell, D *Cornell Poultry Pointers* 25 (2): 8-10. June 1973

083508 47.8 T432
Where do we stand in broiler production? [Poultry]. (Nor) Sannan, F *Fjorfe* 90 (4): 99-103. Apr 1973

083509 280.38 F62
Possibilities for improvement of marketing poultry meat. (Ger) Reuter, H *Fleischwirtschaft* 53 (5): 620-624. May 1973

083510 47.8 G43
Biochemical changes in poultry meat after slaughtering. (Ita) Cantoni, C *G Allevatori* 23 (3): 12, 14, 16, 18-19. Ref. Mar 1973

083511 50.8 H95
Planning of efficient automation. VII. [Meat industry]. (Hun) Barabas, P *Husipar* 22 (1): 28-33. Eng. Sum. Jan 1973

083512 389.8 IN26
Certain sanitary-veterinary investigations in poultry slaughterhouses. (Rum) Cironeanu, I *Indus Aliment (bucuresti)* 24 (2): 102-104, 107. Ref. Feb 1973

083513 389.8 F7322
Composition & properties of extruded, texturized poultry meat. Acton, J C *J Food Sci* 38 (4): 571-574. Ref. May/June 1973

083514 389.8 F7322
Effects of postmortem aging on chicken muscle lipids. Hay, J D *J Food Sci* 38 (4): 696-699. Ref. May/June 1973

083515 389.8 F7322
Effect of postmortem aging on chicken breast muscle sarcoplasmic reticulum. Hay, J D *J Food Sci* 38 (4): 700-704. Ref. May/June 1973

083516 389.8 F7322
Examination of bone content in mechanically deboned poultry meat by EDTA [ethylene diamine tetraacetic acid] & atomic absorption spectrophotometric methods. Grunden, L P *J Food Sci* 38 (4): 712-713. May/June 1973

083517 44.8 J824
Effect of selected coating materials on bacterial penetration of avian egg shell. [Contamination]. Tryhnew, L J *J Milk Food Technol* 36 (5): 272-275. Ref. May 1973

083518 44.8 J824
Effect of egg shell sweating on microbial spoilage of chicken eggs. Vadehra, D V *J Milk Food Technol* 36 (6): 321-322. June 1973

083519 49 N62
Further studies on amines & neutral compounds in egg white smell. Sato, Y *Jap J Zootech Sci* 44 (4): 232-240. Ref. Apr 1973

083520 41.9 J275
A survey on Salmonella contamination of chicken meat & its prevention. IV. Application of chlorination to cooling water. (Jap) Watanabe, A *Jap Vet Med Ass J* 26 (4): 177-183. Ref. Eng. Sum. Apr 1973

083521 SF481.P64
Pigments in egg yolk. [Animal nutrition]. Som, R *Poult Guide* 10 (3): 44-45, 48-52. Mar 1973

083522 SF481.P64
Poultry development. [Industry, India]. Singh, G *Poult Guide* 10 (4): 25-26. Apr 1973

083523 47.8 W89
Production characteristics of Mexican broilers hatcheries industry. Lybecker, D W *Worlds Poultry Sci J* 29 (3): 264-267. July/Sept 1973

FIELD CROP PRODUCTS

083524 1.98 AG84
Aerating corn for short-term storage. *Agric Res* 22 (1): 3-5. July 1973

083525 442.8 AL6
Alfalfa seed yield in relation to plant stand density. (Rus) Ibragimova, Kh I *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 3: 74-75. 1973

083526 24 AL2
Studies on oils & fats in Egypt. 4. Effect of heat treatment & storage period on some characteristics of crude oil extracted from new Egyptian cotton varieties. Osman, H O A *Alexandria J Agr Res* 20 (1): 89-95. Ref. June 1972

083527 34.2 AN4
Studies on physiology of seeds under storage. I. Rate of sorption by seeds & influence of fumigants on their viability. Swamy, P M *Andhra Agr J* 18 (3/4): 122-127. Ref. May/Aug 1971 (Pub. 1973)

083528 14 F8499AN
Preliminary study on maturation of wheat flours: Influence of aeration upon evolution of various biochemical & physico-chemical characteristics. (Fre) Beilenger, P *Ann Technol Agr* 21 (2): 145-161. Ref. Eng. Sum. 1972

083529 14 F8499AN
Industrial and breeding criteria used for assesing the baking quality of soft wheats. (Fre) Bourdet, A *Ann Technol Agr* 21 (2): 163-181. Ref. Eng. Sum. 1972

083530 14 F8499AN
Microbiological aspect of preservation of damp maize treated with propionic acid. (Fre) Poisson, J *Ann Technol Agr* 21 (2): 99-122. Ref. Eng. Sum. 1972

083531 61.9 AS7
Detection of processing injury & viability in Crownvetch [coronilla] seed by staining with fast green. Peiffer, R A *Ass Off Seed Anal Proc* 62: 109-115. 1972

083532 61.9 AS7
Sampling Kentucky bluegrass seed with an automatic subsampling device & Gamet divider. [Poa prazensis]. Cole, D F *Ass Off Seed Anal Proc* 62: 68-72. 1972

083533 61.9 AS7
Comparison of four seed dividers (automatic, Boerner, Gamet, & soil-sampler) in sampling smooth bromegrass seed. [Bromus inermis]. Hall, P J *Ass Off Seed Anal Proc* 62: 73-75. 1972

083534 61.9 AS7
Comparison of three types of seed dividers for subsampling chaffy grasses. Hall, P J *Ass Off Seed Anal Proc* 62: 76-83. 1972

083535 389.8 SI1
Factors affecting mixing requirements of a sourdough bread made with acid whey. I. Effects of lactose, pH [hydrogen-ion concentration] & salt as measured by farinograph. Barnes, F G *Bakers Dig* 47 (3): 16-18. June 1973

083536 389.8 SI1
Factors affecting mixing requirements of a sourdough bread made with acid whey. II. Bread mixing studies. Barnes, F G *Bakers Dig* 47 (3): 19, 22-27. June 1973

083537 389.8 SI1
Special soy protein product for bread baking. Turro, E *Bakers Dig* 47 (3): 30-32. June 1973

083538 297.9 B232
Research on presence of aromatic polycyclic hydrocarbons in commercial rice. (Ita) D'Arrigo, V *Bologna Univ Inst Merc Quad Merc* 11 (2): 187-192. Ref. Eng. Sum. July/Dec 1972 (Pub. 1973)

083539 390.8 B732
Use of lactic acid male in brewing. 4. Direct use of lactic acid malt during shortening of mashing procedure. (Ger) Narziss, L *Brauwelt* 113 (43): 915-916. Eng. Sum. June 15, 1973

083540 390.8 B732
Effect of amino-acid content of wort on formation of diacetyl & acetoin. (Ger) Riemann, J *Brauwelt* 113 (45): 963-966. Ref. Eng. Sum. June 22, 1973

083541 390.8 B733
Effect of mashing intensity on protein composition of worts & beers. (Ger) Narziss, L *Brauwissenschaft* 26 (6): 173-179. Ref. Eng. Sum. Jun3 1973

083542 390.8 B733
Determination of moisture content by Toppan moisture meter. [Barley, malt, hops]. (Ger) Riemann, J *Brauwissenschaft* 26 (6): 189-192. Eng. Sum. Jun 1973

083543 390.8 B872
Modification of barley grain into malt without germination. Tahara, S *Bull Brewing Sci* 18: 1-16. Ref. 1972

083544 59.8 C33
Mycotoxin production affected by insecticide treatment of wheat. [Aspergillus]. Vandegraft, E E *Cereal Chem* 50 (3): 264-270. Ref. May/June 1973

083545 59.8 C33
A pictorial explanation for increase in viscosity of a heated wheat starch-water suspension. Miller, B S *Cereal Chem* 50 (3): 271-280. May/June 1973

083546 59.8 C33
Theological properties of water-extracted air-classified spring wheat flours. Shuey, W C *Cereal Chem* 50 (3): 281-292. Ref. May/June 1973

083547 59.8 C33
Role of lour lipids in baking. MacRitchie, F *Cereal Chem* 50 (3): 292-302. Ref. May/June 1973

083548 59.8 C33
Cooked corn germ: composition of fractions separated according to particle size by sieving & air classification. Gardner, H W *Cereal Chem* 50 (3): 303-308. May/-June 1973

083549 59.8 C33
Dimethyl sulfoxide & amino acid analyses. [Sorghum grain, maize pollen]. Bates, L S *Cereal Chem* 50 (3): 309-311. May/June 1973

083550 59.8 C33
Dissolution of starches in dimethylsulfoxide & variations in starches of several species, varieties, & maturities. [Corn, potatoes, rice, navy beans, lima beans]. Kurtzman, R H *Cereal Chem* 50 (3): 312-322. Ref. May/June 1973

083551 59.8 C33
Barley starch. V. A comparison of properties of waxy compana barley starch with starches of its parents. Goering, K J *Cereal Chem* 50 (3): 322-328. Ref. May/-June 1973

083552 59.8 C33
Extraction of nonprotein nitrogen from oilseed meals with different solvents. Bhatty, R S *Cereal Chem* 50 (3): 329-336. Ref. May/June 1973

083553 59.8 C33
Further studies on fractionation & characterization of gel proteins of wheat flour by column chromatography. Cole, E W *Cereal Chem* 50 (3): 336-345. May/June 1973

083554 59.8 C33
Invertase activities during germination of barleys that differ in malting properties. Prentice, N *Cereal Chem* 50 (3): 346-353. Ref. May/June 1973

083555 59.8 C33
Factors affecting hydrolysis during breadmaking of phytic acid in wheat protein concentrate. Ranhotra, G S *Cereal Chem* 50 (3): 353-357. Ref. May/June 1973

083556 59.8 C33
Internal pressure in yeasted dough iI. Matsumoto, H *Cereal Chem* 50 (3): 363-371. May/June 1973

083557 59.8 C33
Determining thioctic acid (lipoic acid) in wheat flours & germs by thin-layer chromatography. Swatditat, A *Cereal Chem* 50 (3): 372-378. Ref. May/June 1973

083558 59.8 C333
Fine structure of soybean seed coat & its changes on cooking. Saio, K *Cereal Sci Today* 18 (7): 197-201, 205. July 1973

083559 59.8 C333
Resistography, a dynamic quick method to classify wheat & flour quality. Brabender, M *Cereal Sci Today* 18 (7): 206-210. July 1973

083560 100 C71C
1972 Foundation seed. [Field crops]. Haus, T E *Colo Agr Exp Sta Progr Rep Pr* 73-44, 1 P. June 1973

083561 65.8 C89
Situation of sugar industry between 1938-1945. (Hun) Szego, S *Cukoripar* 26 (3): 103-107. May/June 1973

083562 65.8 C89
Boiling point elevation & supersaturation of industrial sugar solutions. III. (Hun) Vavrinecz, G *Cukoripar* 26 (3): 92-97. Eng. Sum. May/June 1973

083563 65.8 C89
Power economy of sugar industry in campaign of 1972/73. (Hun) Krause, J *Cukoripar* 26 (3): 98-105. May/June 1973

083564 TP415.D4
On structural difference in amylopectins from different origins reflected upon shapes of amperometric iodine, titration curve. [Corn starch]. (Jap) Suzuki, H *Denpun Kagaku (j Jap Soc Starch Sci)* 20 (2): 59-63. Eng. Sum. 1973

083565 298.8 SU2
Fundamentals for putting together wheat mixtures. (Ger) Seibel, W *Deut Mullerzeitung* 71 (9): 177-178. May 10, 1973

083566 298.8 SU2
Simple & reliable methods for bakeries to obtain optimal performance in baking from rye & wheat flours. (Ger) Huber, H *Deut Muller-zeitung* 71 (9): 178-181. (Continued) May 10, 1973

083567 389.9 EL2
Role of amylases in technique of baking industry & measurement of alpha-amylase activity. (Hun) Szilli, M *Elelmiszervizsgalati Kozlem* 19 (1/2): 51-58. Eng. Sum. 1973

083568 384 C422
Storage & technology of oil-seeds. [Rapeseeds]. (Fre) Chanet, M *Fette Seifen Anstrichmittel* 75 (6): 362-364. Eng. Sum. June 1973

083569 HG41.F5
Production & utilisation of cotton linters. Rayarikar, R R *Financ Agric* 4 (4): 55-59. Jan 1973

083570 389.9 N57
Determination of polycyclic aromatic hydrocarbons in foods. 2 3, 4-benzopyrene in Japanese daily foods. [Rice, soy sauce, soybeans]. (Jap) Shiraishi, Y *Food Hyg Soc Jap J* 14 (2): 173-178. Eng. Sum. Apr 1973

083571 HD9000.1.F64
Functional & sensory properties of titanium dioxide as a flour & bread additive. Lorenz, K *Food Prod Develop* 7 (5): 93-94, 96, 98. Ref. June 1973

083572 389.9 IM7
Milling experiments on US soft winter wheat. (Jap) Yamasaki, O *Ho Yungu Shokuryo Kyogiakai (grain Importers Assoc J)* 296: 49-54. May 1973

083573 304.8 IN2
New & improved cottons through research. Burkitt, F H *Indian Textile J* 83 (4): 73-77. Jan 1973

083574 389.8 IN26
Research works concerning soybean oil hardening. (Rum) Popescu, O *Indus Aliment (bucuresti)* 24 (2): 61-64, 75. Eng. Sum. Feb 1973

083575 389.8 IN26
Hydrocarbonaceous & nitrogenous composition of wort prepared from barley with an addition of exogenous enzymes. (Rum) Dan, V *Indus Aliment (bucuresti)* 24 (2): 78-81. Ref. Eng. Sum. Feb 1973

083576 389.8 IN26
Technological qualities of some wheat varieties intended for production of pastes. (Rum) Moldoveanu, G *Indus Aliment (bucuresti)* 24 (2): 82-85. Ref. Eng. Sum. Feb 1973

083577 389.8 IN26
Possible contribution of sugars, amino acids & polyphenols to flavour & colour of tobacco. (Rum) Constantinescu, T *Indus Aliment (bucuresti)* 24 (3): 136-139. Ref. Eng. Sum. Mar 1973

083578 389.8 IN26
From beginning of processing of oil crops in Romania. (Rum) Puzdrea, D *Indus Aliment (bucuresti)* 24 (3): 156-158. Ref. Mar 1973

083579 389.8 IN26
Something about industrial production of some soybean derivatives. (Rum) Ionescu, I *Indus Aliment (bucuresti)* 24 (4): 209-212. Eng. Sum. Apr 1973

083580 389.8 K832
Tin plate container has considerable marketing changes. [Fruit packaging]. (Ger) Pabst, A *Indus Obst& Gemuseverwert* 58 (13): 361-362. July 5, 1972

083581 390.9 IN7
Formation of volatile sulphur compounds during pressure cooking of grain/water mixtures. Ronkainen, P *Inst Brewing J* 79 (3): 200-202. May/June 1973

083582 390.9 IN7
A kinetic study of susceptibility to enzymic hydrolysis of starch in malt. [Barley]. Coulter, P R *Inst Brewing J* 79 (3): 212-218. Ref. May/June 1973

083583 TS1300.I5
Evaluation of flax quality from examination of cross-sections with optical microscope. (Fre) Jacquemart, J *Inst Text Fr Bull Sci* 2 (6): 97-110. Eng. Sum. Second Quarter 1973

083584 65.8 IN8
Calcium carbonate particles from carbonatation studies. [Sugar manufacture]. Kelly, F H C *Int Sugar J* 75 (893): 131-135. May 1973

083585 65.8 IN8
Juice purification by means of pre-carbonatation. [Sugar manufacture]. Zagrodzki, S *Int Sugar J* 75 (893): 139-140. May 1973

083586 65.8 IN8
Application of ultrafiltration & reverse osmosis to cane juice. Madsen, R F *Int Sugar J* 75 (894): 163-167. June 1973

083587 389.8 IZ8
Strength of bonds between wheat grain hulls. (Rus) Grosul, L I *Izv Vyssh Ucheb Zaved Pishch Tekhnol* 2: 10-13. 1973

083588 389.8 IZ8
Use of sunflower proteins in making bread. (Rus) Sirko, V N *Izv Vyssh Ucheb Zaved Pishch Tekhnol* 2: 129-130. 1973

083589 389.8 IZ8
Fatty acid composition of free, combined & permanently combined millet lipids. (Rus) Busareva, N N *Izv Vyssh Ucheb Zaved Pishch Tekhnol* 2: 132-134. 1973

083590 389.8 IZ8
Effect of temperature on ripening & storage of soybeans. (Rus) Kliuchkin, V V *Izv Vyssh Ucheb Zaved Pishch Tekhnol* 2: 14-17. Ref. 1973

083591 389.8 IZ8
Content of some macroelements in flour flows during wheat grade milling. (Rus) Kaliuta, L F *Izv Vyssh Ucheb Zaved Pishch Tekhnol* 2: 148-149. 1973

083592 389.8 IZ8
Antocyanogens of malting barley varieties in Ukraine & their modification during malt production. (Rus) Skripchenko, L K *Izv Vyssh Ucheb Zaved Pishch Tekhnol* 2: 25-28. Ref. 1973

083593 389.8 IZ8
Effect of hydrothermal treatment of rice & buckwheat grains on starch properties. (Rus) Kuz'mina, O V *Izv Vyssh Ucheb Zaved Pishch Tekhnol* 2: 45-47. 1973

083594 58.8 J82
Heat induced damage in wheat as a consequence of spouted bed drying. Ghaly, F F *J Agr Eng Res* 18 (2): 95-106. Ref. June 1973

083595 381 J8223
Automated colorimetric measurement of free arginine in peanuts as a means to evaluate maturity & flavor. Young, C T *J Agr Food Chem* 21 (4): 556-558. Ref. July/Aug 1973

083596 381 J8223
Lipoxygenase-mediated pentane production: characterization of system. [Soybean]. Johns, E B *J Agr Food Chem* 21 (4): 570-573. Ref. July/Aug 1973

083597 381 J8223
Gel electrophoretic analysis of peanut proteins & enzymes. II. Effects of thiol reagents & frozen storage. Cherry, J P *J Agr Food Chem* 21 (4): 656-660. Ref. July/Aug 1973

083598 S671.J62
Drying characteristics of groundnut & chillies. Singh, R S *J Agric Eng* 9 (2): 50-61. June 1972

083599 S671.J62
Efficacy of different storage containers on seed quality of soybeans. Pandey, M K *J Agric Eng* 9 (2): 62-66. June 1972

083600 S671.J62
A mathematical model for a continuous system of paddy parboiling. Kuppuswamy, M *J Agric Eng* 9 (3): 53-58. Sept 1972

083601 307.8 J82
Long term storage of soybean & cottonseed salad oils. Evans, C D *J Amer Oil Chem Soc* 50 (6): 218-222. June 1973

083602 307.8 J82
Gel permeation chromatography of heated fats. [Corn oil]. Perkins, E G *J Amer Oil Chem Soc* 50 (6): 223-225. June 1973

083603 307.8 J82
Extraction & methanolysis of oil from whole or crushed rapeseed for fatty acid analysis. Hougen, F W *J Amer Oil Chem Soc* 50 (7): 230-234. Ref. July 1973

083604 307.8 J82
Water-recycle washing of refined soybean oil: plant scale evaluation. Beal, R E *J Amer Oil Chem Soc* 50 (7): 260-263. July 1973

083605 307.8 J82
Experiences in refining rapeseed oil by Zenith process. Hoffmann, Y *J Amer Oil Chem Soc* 50 (7): 260a, 262a, 264a, 267a. July 1973

083606 390.09 F38
Structure & activity of alkaline proteinase from Aspergillus sojae. [Soy sauce. (Jap) Hayashi, K *J Ferment Assoc (jap)* 30 (8): 1-14. Ref. Aug 1972

083607 390.09 F38
On effect by an addition of fermentative microorgamism in brewing of soy sauce. 1. (Jap) Nagase, I *J Ferment Assoc (jap)* 30 (8): 15-26. Ref. Aug 1972

083608 389.8 J823
Further studies on microbiological quality of cashewnut (Anacardium occidentale). Krishnaswamy, M A *J Food Sci Technol (mysore)* 10 (1): 24-26. Ref. Jan/Mar 1973

083609 389.8 J823
Studies on packaging & storage of wheat flour (Atta) under tropical conditions. II. Premavalli, K S *J Food Sci Technol (mysore)* 10 (1): 27-30. Ref. Jan/Mar 1973

083610 389.8 J823
Sorption of water vapour by wheat flours. Sethi, R K *J Food Sci Technol (mysore)* 10 (1): 9-12. Ref. Jan/Mar 1973

083611 389.8 J823
Bulgur wheat. Shetty, M S *J Food Sci Technol (mysore)* 9 (4): 163-165. Ref. Dec 1972

083612 389.8 J823
Physico-chemical factors associated with differences in dough characters & baking properties of break, reduction & straight-run flours. Austin, A *J Food Sci Technol (mysore)* 9 (4): 195-199. Dec 1972

083613 389.8 F7322
Iron-fortified syrup blends: preparation, characteristics, application. [Corn syrup]. Bookwalter, G N *J Food Sci* 38 (4): 618-622. Ref. May/June 1973

083614 389.8 F7322
Temperature distributions during heat/-hold processing of food. [Vegetables[. Lenz, M K *J Food Sci* 38 (4): 630-632. Ref. May/June 1973

083615 389.8 F7322
A simple shear press for measuring tenderness of whole soybeans. Spata, J *J Food Sci* 38 (4): 722-723. May/June 1973

083616 382 SO12
Component fatty acids of chaulmoogra oil. [Hydnocarpus]. Sengupta, A *J Sci Food Agr* 24 (6): 669-674. Ref. June 1973

083617 382 SO12
Sodium dodecyl sulphate electrophoresis of wheat gliadins. Ewart, J A D *J Sci Food Agr* 24 (6): 685-689. Ref. June 1973

083618 66.9 J27 SUPPL.
Influence of drying methods after harvest on quality of sugar beet seed. (Jap) Tsukishima, N *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 199-205. Eng. Sum. 1972

083619 73.38 IN2
Development of jute cards with reference to progress in cotton carding. Mazumder, M C *Jute Bull* 34 (11/12): 177-184. Ref. Feb/Mar 1972

083620 100 L939
Module system: a new approach in storing seed cotton. Roberts, D L *La Agr* 16 (4): 4-5, 7. Summer 1973

083621 TP368.L42
Quality changes of frozen fish after long-time storage. (Ger) Danilow, M *Lebensm Ind* 20 (5): 214-215. Eng. Sum. May 1973

083622 TP368.L4
On composition of water soluble wheat flour pentosans & their oxidative gelation. Geissmann, T *Lebensm-Wiss Technol* 6 (2): 59-62. Ref. 1973

083623 QP751.L5
Polymerization inhibitors for polyunsaturated oils. [Safflower oil]. Sims, R J *Lipids* 8 (6): 337-341. June 1973

083624 304.8 M27
Dynamics of development of weaving. [Textiles]. (Hun) Salamon, F *Magyar Textiltech* 26 (3): 119-121. Eng. Sum. Mar 1973

083625 304.8 M27
Testing texturized yarns. (Hun) Varsanyi, Z *Magyar Textiltech* 26 (3): 140-142. Eng. Sum. Mar 1973

083626 304.8 M27
Economic effectivity of cotton spinning. II. (Hun) Kohalmi, K *Magyar Textiltech* 26 (3): 97-102. Eng. Sum. Mar 1973

083627 389.9 SW6
Quantitative determination of alpha-Tocopherol (vitamin E) in cereals & grassmeals by gas-liquid chromatography. (Ger) Uebersax, P *Mitt Geb Lebensmitteluntersuch Hyg* 63 (4): 478-484. Eng. Sum. 1972

083628 390.08 V67
Results of carbon disulfide extraction method in gaschromatography determination of some alcohols, ester & acids in beer. (Ger) Zenz, H *Mitt Versuchsstn Garungsgewerbe Wien* 27 (5/6): 100-108. Ref. May/June 1973

083629 390.08 V67
Austrian brewing industry. (Ger) Beurle, C *Mitt Versuchsstn Garungsgewerbe Wien* 27 (5/6): 85, 87, 89. May/June 1973

083630 390.08 V67
Effect of cold on malting properties of brewing barley. (Ger) Anderle, G *Mitt Versuchsstn Garungsgewerbe Wien* 27 (5/6): 91-94. Ref. May/June 1973

083631 S19.M6
Grain storage & sanitation. Agarwal, N S *Mod Agric* 3 (1): 41-43. Jan/Feb 1972

083632 TS2120.M6
Preservation of grains by using cold. 1. (Spa) Boser, F *Molineria Panaderia* 58 (759): 20-22. June 1973

083633 TS2120.M6
Chemical characteristics of milling of durum wheat. (Spa) Cirilli, G *Molineria Panaderia* 68 (759): 11-12. June 1973

083634 TS2120.M6
Corn; dry processing. 1. (Spa) Elgarrista, J M *Molineria Panaderia* 68 (759): 13-16, 18. June 1973

083635 TS2120.M6
Spanish wheats. (Spa) Gonzales Amigo, P *Molineria Panaderia* 68 (759): 19. June 1973

083636 TS2120.M6
Weight of flour in relation to its humidity. II. (Spa) Magro Magro, V *Molineria Panaderia* 68 (759):68-71. June 1973

083637 298.8 M73
Problem of hard wheat. (Ita) Mazza, M *Molini Ital* 24 (3): 87-88. Mar 1973

083638 298.8 M73
Lyophilization of germ. [Grain]. (Ita) Calimeri, M *Molini Ital* 24 (3): 92-94. Mar 1973

083639 298.8 M73
American grains blended with ours. (Ita) Agostinelli, N *Molini Ital* 24 (4): 144-145. Apr 1973

083640 298.8 M89
What influence has roll diameter to milling? (Ger) Vorwerck, K *Muhle Mischfuttertech* 110 (17): 265-267. Eng. Sum Apr 26, 1973

083641 298.8 M89
From 'workshop' of an 'enzyme-chemist' [Milling (grain)]. (Ger) Sprossler, B *Muhle Mischfuttertech* 110 (17): 269-272. Eng. Sum. Apr 26, 1973

083642 298.8 M89
Importance of grain intake & storage plants. (Ger) Sebestyen, E J *Muhle Mischfuttertech* 110 (20): 313-315. Eng. Sum. May 17, 1973

083643 298.8 M89
Importance of grain intake & storage plants. (Ger) Sebestyen,e J *Muhle Mischfuttertech* 110 (20): 313-315. Eng. Sum. May 17, 1973

083644 298.8 M89
Possibilities for reception, yield & loading of grain. (Ger) Schrepfer, G *Muhle Mischfuttertech* 110 (20): 318, 321. May 17, 1973

083645 298.8 M89
Loading. [Grain]. (Ger) Fieche, K *Muhle Mischfuttertech* 110 (20): 330-331. May 17, 1973

083646 298.8 M89
Application possibilities & efficiency of modernfilters. [Milling (grain). (Ger) Meyer, M *Muhle Mischfuttertech* 110 (21): 339-342. Eng. Sum. May 24, 1973

083647 298.8 M89
Variations in planning milling buildings under modern points of view. (Ger) Koch, H J *Muhle Mischfuttertech* 110 (22): 355-358. May 31, 1973

083648 298.8 M89
Determination of protein by means of color banding method & its application in grain & feed industry. 1. (Ger) Moller, A *Muhle Mischfuttertech* 110 (22): 360-361. May 31, 1973

083649 298.8 M89
Protein content of wheat & flour summary of investigations of some varieties. (Ger) Fajersson, F *Muhle Mischfuttertech* 110 (23): 369-370. Ref. June 7, 1973

083650 298.8 M89
Protein identification by dye method & its application in grain & feed industry. 2. (Ger) Moller, A *Muhle Mischfuttertech* 110 (23): 371-373. June 7, 1973

083651 389.8 N142
Study on ultra-violet spectra of heated fats. XII. effects of nickel & lead derivatives on changes of sunflower oil during refining. (Ger) Sedlacek, B A J *Nahrung* 17 (2): 185-197. Eng. Sum. 1973

083652 389.8 N142
Studies on behaviour of fat constituents during refining. IV. Investigations on tocopherol content in colza oils differing in degree of refining. (Ger) Franzke, C *Nahrung* 17 (2): 199-207. Ref. Eng. Sum. 1973

083653 389.8 N142
Studies on behaviour of fat constituents during refining. V. Changes in monocarbonyl content & in heptanal & peroside values of colza oil during refining. (Ger) Franzke, C *Nahrung* 17 (3): 335-339. Eng. Sum. 1973

083654 389.8 N142
Amino acid composition of cereal & oilseed. Janicki, J *Nahrung* 17 (3): 359-365. 1973

083655 389.8 N142
On seed proteins. I. distribution of protein fractions obtained from sunflower seeds. (Ger) Schwenke, K D *Nahrung* 17 (3): 373-379. Ref. Eng. Sum. 1973

083656 107.6 SA23
Disk-electrophoresis of wheat gluten polypeptides at alkaline side of their isoelectric points. Fukagawa, K *Osaka Univ Bull Ser B Agr Biol* 24: 13-15. Mar 1972

083657 72.8 P172
Place & season effects on oil content of commercial cotton varieties in Multan Region. Muhammad, C W *Pakistan Cottons* 17 (2): 38-47. Ref. Jan 1973

083658 TP1.P7
Ultrafiltration controlled enzymatic degradation of soy protein. Roozen, J P *Process Biochem* 8 (7): 24-25. Ref. July 1973

083659 T1.R42
A convenient method for preparation of microcrystalline cellulose powder. [Cotton]. Bose, B *Res Ind* 17 (3): 89-91. Ref. Sept 1972

083660 T1.R42
Guar gum as a substitute for commonly used suspending agents. Trivedi, B M *Res Ind* 17 (3): 96-97. Ref. Sept 1972

083661 307.8 R32
Cottonseed phospholipids. IV. Isolation & characterization of cottonseed lecithin. (Fre) El-nockrashy, A S *Rev Franc Corps Gras* 20 (4): 217-220. Ref. Eng. Sum. Apr 1973

083662 20.5 R59 SER. C
Construction & technology instructions for drying grass seeds. (Pol) Katewicz, Z *Rocz Nauk Roln Ser C Mech Roln* 69 (3): 89-101. Ref. Eng. Sum. 1972

083663 307.8 SE4
Solvent extraction of linseed-oil & analysis of its phospholipids. (Ger) El-Nockrashy, A S *Seifen-ole-fette-wachse* 99 (12): 325-327. Ref. Eng. Sum. June 1, 1973

083664 TP375.S6
Mathematical model of the nitrolignin alkaline extraction in bagasse. (Spa) Hernandez Clavijo, L *Sobre Deriv Cana Azucar* 6: 18-26. Ref. Eng. Sum. 1972

083665 TP375.S6
Simulation of predrying bagasse in steam generator-dryer sys tems. (Spa) Grobart, F *Sobre Deriv Cana Azucar* 6: 27-34. Eng. Sum. 1972

083666 TP375.S6
Proteic molasses: a new product from sugar cane. (Spa) Argudin, O *Sobre Deriv Cana Azucar* 6: 42-48. Eng. Sum. 1972

083667 309 ST22
Polyacrylonitrile distribution in grafted starch granules determined by scanning electron microscopy. [Wheat]. Fanta, G F *Starke* 25 (5): 157-161. May 1973

083668 309 ST22
Sugars formed during irradiation of maize starch; identification & determination. (Fre) Berger, G *Starke* 25 (6): 203-210. Ref. Eng. Sum. June 1973

083669 61.9 SW3
Use of an indented cylinder as an aid in number determination test of seed samples of oats. (Swe) Landenmark, O *Sweden Statens Cent Frokontrollanst Meddel* 48: 45-51. Eng. Sum. 1973

083670 61.9 SW3
Influence of grading on cereal seed quality. Field experiment. [Barley, oats]. (Swe) Mathiasson, K *Sweden Statens Cent Frokontrollanst Meddel* 48: 52-56. Eng. Sum. 1973

083671 304.8 T293
Enzymatic hydrolysis as a source of structural information on cellulose. [Cotton]. Rowland, S P *Textile Res J* 43 (6): 351-356. Ref. June 1973

083672 304.8 T293
Measurement of changes in thickness of compresses cotton samples during swelling. Porter, B R *Textile Res J* 43 (7): 382-384. July 1973

083673 304.8 T293
Microscopical properties of some cellulose ethers. [Cotton fibers]. Cannizzaro, A M *Textile Res J* 43 (7): 397-404. Ref. July 1973

083674 304.8 T293
Caustic sorption in cotton fibers as affected by fabric construction, pretreatment, & tension conditions during crosslinking. Honold, E *Textile Res J* 43 (7): 408-412. July 1973

083675 304.8 T293
Tension & resin-treatment effects on properties of scoured & mercerized cotton fibers & fabrics of different constructions. Grant, J N *Textile Res J* 43 (7): 413-422. Ref. July 1973

083676 11 T439
Perservation by artificial drying, ensiling, & haymaking. [Forage plants]. (Dan) Winther, P *Tidsskr Planteavl* 77 (2): -69-283. Ref. Eng. Sum 1973

083677 11 T439
Volatile isothiocyanates & vinyloxazolidinethione in rapeseed (Brassica napus oleifera) as affected by variety & environment. [Feed]. (Dan) Schultz, J E R *Tidsskr Planteavl* 77 (2): 170-179. Ref. Eng. Sum. 1973

083678 HD9130.1.T6
High temperature convective drying of tobacco during curing. II. Effect of air temperature & velocity on heat & mass transfer coefficients. Chang, C S *Tob Sci* 16: 61-64. Ref. 1972

083679 HD9130.1.T6
Comparison of sample preparation & mechanical measurement techniques for determination of filling value of cut tobacco. Walker, E K *Tob Sci* 16: 78-81. 1972

083680 286.89 T552
Quantitative detemination of sucrose & fructose in tobacco & filler. Oakley, E T *Tobacco (new York)* 175 (15): 101-103 ref. July 20, 1973

083681 20 AK1
Bread baking qualities of wheat-rye amphiploids. (Rus) Shulyndin, A F *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 5: 5-7. May 1973

083682 65.8 D48
Automatic regulation of crystallizing process by help of 'Rheomat' control system. [Sugar industry]. (Ger) Kemter, H *Z Zuckerindus* 23 (5): 249-252, 255-259. Eng. Sum. May 20, 1973

083683 65.8 D48
Influence of structure of macroporous anion exchangers on decolorization of technical sugar solutions. (Ger) Bortel, E *Z Zuckerindus* 23 (5): 260-263. Ref. Eng. Sum. May 20, 1973

083684 65.8 D48
Production of liquid sugar in four European countries. (Ger) Stotter, H *Z Zuckerindus* 23 (5): 264-266. Eng. Sum. May 20, 1973

083685 65.8 D48
Sugar: leaner & dearer years ahead. Viton, A *Z Zuckerindus* 23 (5): 267-270. May 20, 1973

083686 65.8 Z82
Annual report of fiscal year 1971/72 on occasion of 27th membership meeting of Economical Sugar Association, May 24, 1973 in Munich. (Ger) Engelbrechten, G von *Zucker* 26 (6): 302-307. June 1973

083687 65.8 Z82
Nucleation phase & energy pattern. [Sugarbeet processing]. (Ger) Thiele, H *Zucker* 26 (6): 315-317. Ref. Eng. Sum. June 1973

083688 65.8 Z82
Shaft lime kilns – compressed air or induced draft operation? [Sugar industry]. (Ger) Schneidt, H *Zucker* 26 (6): 318-319. Eng. Sum. June 1973

HORTICULTURAL PRODUCTS

083689 505 P21 (3)
Utilization of a carbon dioxide electrode for determination of 'malic enzyme' activity of lactic bacteria of wine. (Fre) Lonvaud, M *Acad Sci (paris) C R Ser D* 276 (15): 2329-2331. Ref. Apr 9, 1973

083690 80 AC82
Some problems pertaining to storage & ripening in mango fruit. Chatper, H S *Acta Hort* 24: 243-250. Ref. Mar 1972

083691 80 AC82
Harvesting, storage & transport of mango. Mukherjee, P K *Acta Hort* 24: 251-258. Ref. Mar 1972

083692 80 AC82
Irradiation as a method for improved storage & transportation of mangoes. Dharkar, S D *Acta Hort* 24: 259. Mar 1972

083693 281.9 N632
Proposition to production lay out & concentration of spice paprika in Czechoslovakia. (Cze) Gafel, A *Acta Oper-Oecon* 24: 63-82. Map. Eng. Sum. 1972

083694 1.98 AG84
Packing pickles with recycled brine. *Agric Res* 22 (1): 10-11. July 1973

083695 1.98 AG84
Debittering process sweetens citrus juice. *Agric Res* 22 (1): 8-9. July 1973

083696 442.8 AL6
Synthesis of aldehydes & acetals by yeasts in grape must. [Wine]. (Rus) Mavlani, M I *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 3: 16-17. 1973

083697 75.8 P842
Influence of storage factors on endogenous ethylene production by potato tubers. Creech, D L *Amer Potato J* 50 (5): 145-150. Ref. May 1973

083698 81 SO12
Degreening citrus fruit with postharvest applications of (2-chloroethyl)phosphonic acid (ethephon). Jahn, O L *Amer Soc Hort Sci J* 98 (3): 230-233. Ref. May 1973

083699 81 SO12
Quality of fresh market peaches subjected to a mechanical harvesting & field handling: grading system. Sims, E T *Amer Soc Hort Sci J* 98 (3): 253-256. May 1973

083700 81 SO12
Brown stain susceptibility of selected lettuce cultivars under controlled atmospheres & temperatures. Brecht, P *Amer Soc Hort Sci J* 98 (3): 261-264. Ref. May 1973

083701 81 SO12
Further studies on controlled atmosphere storage of 'Bartlett' pears. Claypool, L L *Amer Soc Hort Sci J* 98 (3): 289-293. Ref. May 1973

083702 81 SO12
Water uptake rates by cut roses (Rosa hybrida) in light & dark. Carpenter, W J *Amer Soc Hort Sci J* 98 (3): 309-313. May 1973

083703 81 SO12
Analysis of production costs in multiproduct tomato processing plants. Uyeshiro, R Y *Amer Soc Hort Sci J* 98 (3): 316-320. Ref. May 1973

083704 330.9 AN4
Studies on Turkish rose oil. Dagcioglu, A *Ankara Univ Fac Sci Commun* (Ser.b) 18 (5): 33-42. Ref. 1971 Pub. 1972

083705 14 F8499AN
Oxidation of polyphenolic substances of cherries during crus hing. (Fre) Yankov, S I *Ann Technol Agr* 21 (2): 123-130. Eng. Sum. 1972

083706 14 F8499AN
Separation of amino acids of grape must by filtration on reticulated dextrane gel ('sephadex') & qualitative analysis by gas-liquid chromatography. (Fre) Feuillat, *Ann Technol Agr* 21 (2): 131-143. Eng. Sum. 1972

083707 TX341.A7
Research study to obtain data pertaining to optimum requirement for dehydration & rehydration of certain freeze-dried fruits & vegetables. Hsia, S T *Army Natick Lab Food Lab FL* 173, 42 P. Ref. Feb 1973

083708 381 AS7
Proposed modification of manometric method for determination of carbon dioxide in wine. Caputi, A *Ass Offic Anal Chem J* 56 (4): 843-845. July 1973

083709 23 AU792
Effect of gibberellic acid on rind quality & storage of coastal navel oranges. Bevington, K B *Australian J Exp Agr Anim Husb* 13 (61): 196-199. Apr 1973

083710 23 AU792
Effect of wax coatings containing diphenylamine on apples & pears during storage & ripening. Faroogi, W A *Australian J Exp Agr Anim Husb* 13 (61): 200-207. Apr 1973

083711 16 AV9
Utilization of celery. (Ita) Girotti, A *Avvenire Agr* 81 (3): 76-78. Mar 1973

083712 382 B52
Preparation of fully active papain from dried papaya latex. Brocklehurst, K *Biochem J* 133 (3): 573-584. Ref. July 1973

083713 14 P215BC
Effect of freezing on appreciation of acidity of raspberries. (Fre) Cuenin, E *C R Seances Acad Agric Fr* 58 (18): 1530-1534. Dec 20, 1972

083714 80 C125
Two decades of change in U.S. oranges. [Industry]. Huang, B E *Calif Citrogr* 58 (8): 285-286, 304-308, 310. June 1973

083715 80 C125
Adaptability of pixie mandarins for canning. Cameron, J W *Calif Citrogr* 58 (8): 297-298, 300-301, 303. June 1973

083716 450 C16
Firmness of McIntosh apples as affected by Alar & ethylene removal from storage atmosphere. Lougheed, E C *Can J Plant Sci* 53 (2): 317-322. Ref. Apr 1973

083717 382 M31C
Water conservation in beet sugar industry. Smith, J N *Chem Indus (london)* 12: 546-548. June 16, 1973

083718 SB4.C6
Biology of apple & pear storage. Fidler, J C *Commonw Bur Hortic Plant Crops Res Rev* 3, 235 P. Ref. 1973

083719 SB4.C6
Conditions of storage. [Apples, pears]. Fidler, J C *Commonw Bur Hortic Plant Crops Res Rev* 3: 1-61. Ref. 1973

083720 80 C83
Ancient or modern? wines of Tuscany. II. Penning-Rowsell, E *Country Life (london)* 153 (3966): 1916, 1919. June 28, 1973

083721 QH324.C7
A rapid degradation of starch at hardening temperatures. [Cabbage]. Dear, J *Cryobiology* 10 (1): 78-81. Ref. Apr 1973

083722 TP415.D4
Ash contents of potato starch. 1. Comparison on ash contents of potato starch samples prepared from its varieties cropped at five agricultural experiment stations in Hok- (Jap) Yagi, T *Denpun Kagaku (j Jap Soc Starch Sci)* 20 (2): 51-58. Ref. Eng. Sum. 1973

083723 389.8 D482
Pectin content of home made & of commercial orange juice. (Ger) Benk, E *Deut Lebensmittel-rundsch* 69 (6): 218-220. Ref. Eng. Sum. June 1973

083724 389.8 D482
Investigations on distribution of tin between fruits & infusion in preserved vegetables & fruits. (Ger) Woidich, H *Deut Lebensmittel-rundsch* 69 (6): 224-226. Ref. Eng. Sum. June 1973

083725 389.9 D832
Physical & nutritional properties of rapid production prune juice & apricots. Bolin, H R *Dried Fruit Indus Res Adv Comm Proc* 11Th: 1-8. 1972

083726 389.9 D832
Fruit & tree nut research at Western Regional Laboratory. Fuller, G *Dried Fruit Indus Res Adv Comm Proc* 11Th: 53-59. 1972

083727 389.9 D832
Drying of fruit purees (fruit leathers). Miller, M W *Dried Fruit Indus Res Adv Comm Proc* 11Th: 60-63. 1972

083728 389.9 D832
Optical sorting of dried prunes. Burkhardt, T H *Dried Fruit Indus Res Adv Comm Proc* 11Th: 64-66. 1972

083729 103 EA7
Recommended conditions for storage of apples & pears. Wilkinson, B G *East Malling Res Sta Annu Rep* P. 211-212. 1973

083730 280.8 EC7323
Effect of processing on nutritive value of fruit juice. Tannous, R I *Econ Rurale Liban* 42: 78-80. July/Sept 1972

083731 389.9 EL2
Data to microbiological properties of green tomatoes preserved by lactic acid fermentation. (Hun) Teren, J *Elelmiszervizsgalati Kozlem* 19 (1/2): 91-93. Eng. Sum. 1973

083732 10 EX72
Nematodes in stored yams. Thompson, A K *Exp Agr* 9 (3): 281-286. July 1973

083733 TP450.A1F55
Herbs & spieces: a bibliography. III. Heath, H *Flavour Ind* 4 (4): 169-172. Apr 1973

083734 80 W41
Silver impregnated stems aid Chrysanthemum flower longevity. Farnham, D S *Florists' Rev* 152 (3946): 50-51, 97. July 19, 1973

083735 HD9000.1.F63
Fruit & vegetable preservation industry: problems & solutions. Shanmugam, A *Food Indus J* 5 (9): 9-10. Feb 1973

083736 HD9000.1.F64
Novel gel system, citrus yield ready-to-eat products. McCormick, R D *Food Prod Develop* 7 (5): 17, 20. June 1973

083737 80 F948
Handling pears for export. Hall, E G *Fruit World Market Grower* 74 (4): 28, 30-32. Apr 1973

083738 80 R52
Packing of fruits. (Ita) Parisi, L *Frutticoltura* 35 (3/4): 11-19. Mar/Apr 1973

083739 24 G252
Pineapple in Angola. (Por) Py, C *Gaz Agr Angola* 18 (4): 239, 241, 243, 245-246 Apr 1973

083740 24 G564
Method for sun-drying of vegetables in Ghana. Lartey, B L *Ghana Farmer* 16 (2): 82-86. Dec 1972

083741 100 H313P
Banana puree processing. Tonaki, K I *Hawaii Agr Exp Sta Res Rep* 202, 3 P. Feb 1973

083742 S544.3.H3H3
Postharvest handling & storage of Hawaiian flowers. Akamine, E K *Hawaii Univ Ext Misc Publ* 105: 12-17. May 1973

083743 SB1.H6
Chilling injury of stored limes & grapefruit as affected by differentially permeable packaging films. Wardowski, W F *Hortscience* 8 (3): 173-175. Ref. June 1973

083744 SB1.H6
Hypobaric storage of cut flowers. Burg, S P *Hortscience* 8 (3): 202-205. Ref. June 1973

083745 QP141.A1H7
Standardisation & citerion of biological values of fruits. (Cro) Stankovic, D *Hrana Ishrana* 13 (11/12): 617-622. Ref. Eng. Sum. Nov/Dec 1972

083746 81 ID12
Purple plum flesh temperatures in refrigerated storage. Kochan, W J *Idaho State Hort Soc Trans* 78: 80-88. 1973?

083747 TP368.I8
Methods for testing samples of wines for their organoleptic examination. (Ita) *Ind Agrar* 10 (10): 421-429, 436. Oct 1972

083748 TP368.I8
Investigation on addition of calcium salts on some fruits as a pretreatment for freezing. II. Pretreatments of peaches. (Ita) Polesello, A *Ind Agrar* 10 (10): 430-436. Ref. Eng. Sum. Oct 1972

083749 TP368.I8
Determination of citric & malic acid in fruits & their products by gas chromatography. (Ita) Russo, C *Ind Agrar* 10 (7/8): 374-375. Eng. Sum. July/Aug 1972

083750 TP368.I8
Composition of distillates from grape pomaces produced in Sardinia. (Ita) Cabras, P *Ind Agrar* 10 (7/8): 376-381. Eng. Sum. July/Aug 1972

083751 TP368.I8
Periodical control at various months of resistance & activity of some enzymes extracted from frozen green beans & peas kept at 20 C temperature. (Ita) Spettoli, P *Ind Agrar* 11 (2): 76-84. Ref. Eng. Sum. Feb 1973

083752 TP368.I8
Industrial processing of pears. (Ita) Marchi, G *Ind Agrar* 11 (2): 97-107. Eng. Sum. Feb 1973

083753 22 IN294
A study into keeping quality of bulb onions grown under different conditions of soil moisture, nitrogen & sulphur fertilization. Narang, R S *Indian Agr* 16 (2): 129-132. 1972

083754 80 IN23
Storing sweet oranges better way. Sadasivam, R *Indian Hort* 17 (4): 15. Jan/Mar 1973

083755 389.8 IN26
Possibilities & technological means for an increase in non-reducing extract of usually requested white wines coming from vineyard of Dragasani. (Rum) Butanescu, G D *Indus Aliment (bucuresti)* 24 (2): 90-94. Ref. Eng. Sum. Feb 1973

083756 389.8 IN26
Variation in main constituents of red wines in relation to grape harvesting stage on sands of Oltenia. (Rum) Gheorghita, M *Indus Aliment (bucuresti)* 24 (3): 134-135. Ref. Eng. Sum. Mar 1973

083757 389.8 IN26
Direct dosage of iron in wine, tomato juice & syrups. (Rum) Mitoseru, O *Indus Aliment (bucuresti)* 24 (3): 143-145. Ref. Mar 1973

083758 389.8 IN26
Accidents in production of sparkling wines according to champenoise method. (Rum) Ciocan, C *Indus Aliment (bucuresti)* 24 (4): 194-196. Ref. Eng. Sum. Apr 1973

083759 389.8 IN26
Aspects related to choice of varieties suitable for production of grape juices. (Rum) Sandu-Ville, G *Indus Aliment (bucuresti)* 24 (4): 197-198. Eng. Sum. Apr 1973

083760 HD9000.1.I52
Observations on limitation of colza oil in preparation of seed oil & margarines. (Ita) Gargano, A *Indus Aliment (pinerolo)* 12 (93): 123-124. Mar 1973

083761 389.8 K832
Developments at tin-plate & glass packaging. [Fruits, vegetables]. (Ger) Scharfenstein, O H C *Indus Obst& Gemuseverwert* 58 (10): 282-285. May 17, 1973

083762 389.8 K832
Formation of biogenic amines during fermentation of sauerkraut. (Ger) Mayer, K *Indus Obst& Gemuseverwert* 58 (11): 307-309. Ref. June 1, 1973

083763 390.9 IN7
Acetification in ciders & perries. Whiting, G C *Inst Brewing J* 79 (3): 218-226. Ref. May/June 1973

083764 390.9 IN7
Scanning electron microscopy of yeast colonies. [Cider]. Passmore, S M *Inst Brewing J* 79 (3): 237-243. Ref. May/-June 1973

083765 389.8 IZ8
Amino acid composition of almonds, filberts, cashews, peanuts & pastries made from them. (Rus) Orlova, L P *Izv Vyssh Ucheb Zaved Pishch Tekhnol* 2 :128-129. 1973

083766 389.8 IZ8
Time for pasteurization of wine in bottles. (Rus) IAkovlev, P M *Izv Vyssh Ucheb Zaved Pishch Tekhnol* 2: 106-109. 1973

083767 389.8 IZ8
Characteristics of carrot carbohydrates & their modification during storage. (Rus) Peskov, V A *Izv Vyssh Ucheb Zaved Pishch Tekhnol* 2: 29-31. 1973

083768 389.8 IZ8
Effect of low temperatures on content of organic acids in redpeppers & eggplants. [Storage]. (Rus) Krotov, E G *Izv Vyssh Ucheb Zaved Pishch Tekhnol* 2: 32-35. 1973

083769 389.8 IZ8
Polyphenols of pomegranates. (Rus) Markh, A T *Izv Vyssh Ucheb Zaved Pishch Tekhnol* 2: 36-38. 1973

083770 389.8 IZ8
Physical properties of pomace during grape processing. (Rus) Monastyrskii, V F *Izv Vyssh Ucheb Zaved Pishch Tekhnol* 2: 58-62. 1973

083771 389.8 IZ8
Composition of sugars of potato starch wastes & their assimilation by a yeast. (Rus) Stakheev, I V *Izv Vyssh Ucheb Zaved Pishch Tekhnol* 2: 65-66. 1973

083772 381 J8223
Biogenesis of banana volatiles. Tressl, R *J Agr Food Chem* 21 (4): 560-565. Ref. July/aug 1973

083773 381 J8223
Development of off-odors & off-flavors in papaya puree. Chan, H T *J Agr Food Chem* 21 (4): 566-570. Ref. July/Aug 1973

083774 381 J8223
Effects of several foliar fungicides on fatty acid composition & stability of peanut oil. [Cercospora leafspot]. Worthington, R E *J Agr Food Chem* 21 (4): 619-621. July/Aug 1973

083775 381 J8223
Several compounds in Golden Delicious apples as possible parameters of acceptability. Gorin, N *J Agr Food Chem* 21 (4): 670-673. Ref. July/Aug 1973

083776 381 J8223
Irradiated strawberries – chemical, cytogenetic, & antibacterial properties. Schubert, J *J Agr Food Chem* 21 (4): 684-692. Ref. July/Aug 1973

083777 381 J8223
Compounds identified in commercial blackberry essence. Gulan, M P *J Agr Food Chem* 21 (4): 741. July/Aug 1973

083778 381 J8223
Earthy aroma of potatoes. [2-methoxy-3-isopropylpyrazine]. Buttery, R G *J Agr Food Chem* 21 (4): 745-746. July/Aug 1973

083779 S671.J62
Drying characteristics of groundnut & chillies. Singh, R S *J Agric Eng* 9 (2): 50-61. June 1972

083780 307.8 J82
Titrimetric determination of soap in refined vegetable oils. Nelson, R M *J Amer Oil Chem Soc* 50 (6): 207-209. June 1973

083781 390.09 F38
Vineyard area, wine varieties & production in Caribbe Caribbean Sea & South American countires. (Jap) Iida, S *J Ferment Assoc (jap)* 30 (8): 27-34. Aug 1972

083782 389.8 J823
Studies on vegetable rennet from Withania coagulans. Singh, J *J Food Sci Technol (mysore)* 10 (1): 16-19. Jan/Mar 1973

083783 389.8 J823
Moisture sorption behaviour & packaging of papads. [Phaseolus mungo]. Balasubrahmanyam, N *J Food Sci Technol (mysore)* 10 (1): 20-24. Jan/Mar 1973

083784 389.8 J823
Effect of processing on ascorbiegen in cabbage (Brassica oleracea). Kumar, C V S *J Food Sci Technol (mysore)* 10 (1): 42-43. Jan/Mar 1973

083785 389.8 J823
A study of identification of papaya seeds in pepper. Hartman, C P *J Food Sci Technol (mysore)* 10 (1): 43. Jan/Mar 1973

083786 389.8 J823
Influence of sodium chloride & sodium carbonate on distribution of flour components in blackgram (Phaseolus mungo) papad. Prabhakar, J V *J Food Sci Technol (mysore)* 10 (1): 43-44. Jan/Mar 1973

083787 389.8 J823
A simple rapid method for estimation of total carotenoid pigments in mango. Roy, S K *J Food Sci Technol (mysore)* 10 (1): 45. Jan/Mar 1973

083788 389.8 F7322
Microwave finish drying of potato chips. Porter, V L *J Food Sci* 38 (4): 583-585. Ref. May/June 1973

083789 389.8 F7322
Flavor quality & stability of potato flakes: effects of raw material & processing. Sapers, G M *J Food Sci* 38 (4): 586-589. May/June 1973

083790 389.8 F7322
Pilot plant evaluation of individual quick blanching (IQB) for vegetables. Bomben, J L *J Food Sci* 38 (4): 590-594. May/June 1973

083791 389.8 F7322
Studies on utilization of coconut meal: a new enzymic-chemical method for fiber free protein extraction of defatted coconut flour. Molina, M R *J Food Sci* 38 (4): 607-610. Ref. May/June 1973

083792 389.8 F7322
Improved reverse osmosis permeation by heating. [Fruit juice]. Monge, L E *J Food Sci* 38 (4): 633-636. Ref. May/June 1973

083793 389.8 F7322
Measurement of chlorogenic acid & flavonol glycosides in apple juice by a chromatographic-flurometric method. Buren, J van *J Food Sci* 38 (4): 656-658. Ref. May/June 1973

083794 389.8 F7322
Spectral characteristics of three varieties of Florida orange juice. Petrus, D R *J Food Sci* 38 (4): 659-662. May/June 1973

083795 TP368.J6
Quality assessment of beetroot from storage. Gormley, T R *J Food Technol* 8 (1): 77-87. Mar 1973

083796 TP368.J6
Determination of a blanching treatment for potatoes for freezing. Mitchell, R S *J Food Technol* 8 (1): 89-96. Mar 1973

083797 382 SO12
Carbohydrates of spring & winter field beans (Vicia faba L.). Pritchard, P J *J Sci Food Agr* 24 (6): 663-668. Ref. June 1973

083798 382 SO12
Chemical composition of unripe (green) & ripe plantain (Musa paradisiaca). Ketiku, A O *J Sci Food Agr* 24 (6): 703-707. Ref. June 1973

083799 TP156.R45J6
Measurement of pea tenderness. II. A review of methods. Voisey, P W *J Texture Stud* 4 (2): 171-195. Ref. June 1973

083800 TP156.R45J6
Effect of calcium on texture profile of irradiated carrots, beets & potatoes. Massey, L M *J Texture Stud* 4 (2): 242-247. Ref. June 1973

083801 TP156.R45J6
Apparatus for measuring time to breakdown of heated fleshy plant tissues. [Fruits, vegetables]. Powers, M J *J Texture Stud* 4 (2): 278-283. Ref. June 1973

083802 S19.J3
Improved storage of fruits & vegetables by ionizing radiation. Ogata, K *JArq (j Agr Res Quart)* 7 (1): 55-60. Ref. 1973

083803 107.6 K113
Studies on coloration in fruits of Fuyu kaki. III. Effect of temperatures on development of reddish color of peel of detached kaki fruits. [Japanese persimmons]. (Jap) Chujo, T *Kagawa Univ Fac Agr Tech Bull* 24 (2): 129-135. Ref. Eng. Sum. Mar 1973

083804 107.6 K113
Studies on coloration in fruits of Fuyu kaki. IV. On seasonal difference in favorable temperature for development of reddish color in maturity of detached kaki fruits. [Japanese persimmons]. (Jap) Chujo, T *Kagawa Univ Fac Agr Tech Bull* 24 (2): 137-142. Eng. Sum. Mar 1973

083805 107.6 K113
Studies on polethylene cold storage of fruits & vegetables. VIII. Regulation of controlled atmosphere storage conditions by use of plastic films. (Jap) Tarutani, T *Kagawa Univ Fac Agr Tech Bull* 24 (2): 163-169. Ref. Eng. Sum. Mar 1973

083806 80 K122
Problems in processing of chestnut fruit. (Jap) Bessho, K *Kajitsu Nippon* 28 (4): 94-97. 1973

083807 SB13.K45
Requirements of canning industry on mechanized cucumber growing. (Hun) Palos, T *Kertgazdasag* 4 (4): 23-28. Eng. Sum. 1972

083808 SB13.K45
Short-term storage of some vegetable crops, in diversely treated polyethylene film. (Hun) Dobray, E *Kertgazdasag* 4 (4): 59-68. Ref. Eng. Sum. 1972

083809 SB13.K45
First Wine World Competition & its experiences. (Hun) Asvany, A *Kertgazdasag* 5 (1): 35-46. Eng. Sum. 1973

083810 SB13.K45
Some questions of rentability in cold-storage. [Apples]. (Hun) Redai, I *Kertgazdasag* 5 (1): 69-75. Eng. Sum. 1973

083811 79.8 L91
Preservation of cut flowers. (Ita) Mallegni, C *Lotta Antiparassitaria* 25 (3): 3-7. Mar 1973

083812 384 M28
Contribution to study of amylose in potato starch. 2. (Ger) Seidemann, J *Makromol Chem* 167: 79-94. Ref. Eng. Sum. 1973

083813 SB375.M32
Development of Malayan canned pineapple trade. Saidin, A B *Malay Pineapple Ind Board Malays Pineapple* 2: 1-6. 1972

083814 58.8 M4623
Installation of a processing equipment for potatoes & sugar beets for forage. (Rum) Miciovschi, V *Mec Elec Agr* 18 (3): 66-70. Mar 1973

083815 S79.E3
Technology of production & processing sweet potatoes in Mississippi. Hammett, H L *Miss Agric For Exp Stn Bull* 795, 16 P. Feb 1973

083816 389.9 SW6
A sensitive fermentation test for discovery of small quantities of perservatives in fruit juices. (Ger) Pilnik, W *Mitt Geb Lebensmitteluntersuch Hyg* 63 (4): 461-467. Eng. Sum. 1972

083817 105.9 K696
Determination of iron in wine by means of ferrocene. (Ger) Mosandl, A *Mitt Rebe Wein Obstbau Fruchteverwert* 23 (1): 27-32. Ref. Eng. Sum. Jan 1973

083818 105.9 K696
Some aspects of problems concerning residual sugar. [Wines]. (Ger) Wejnar, R *Mitt Rebe Wein Obstbau Fruchteverwert* 23 (1): 33-36. Jan 1973

083819 105.9 K696
Analysis of authentic wines of 1972 vintage. [Austria]. (Ger) Kain, W *Mitt Rebe Wein Obstbau Fruchteverwert* 23 (1): 37-44. Jan 1973

083820 S95.E24
Wine making with Eastern wine varieties. [Grapes]. Brailow, A Agricultural Experiment Station, Geneva *N Y (state) Agric Exp Stn Geneva Spec Rep* 12: 10-14. May 1973

083821 S95.E24
Small volume wine making. Robinson, W B Agricultural Experiment Station, Geneva *N Y (state) Agric Exp Stn Geneva Spec Rep* 12: 15-16. May 1973

083822 335.9 N485
Continuing research on post harvest storage of cabbage. Furry, R B *N Y Farm Elec Counc Progr Rep* 30Th: 16-25. Ref. May 31, 1973

083823 S544.3.N7N43
Controlled atmosphere storage of apples. Smock, R M *N Y State Coll Agric Ext Serv Inf Bull* 41, 16 P. July 1972

083824 389.8 N142
Amino-acid composition of Iraqi dates. (Ger) Sternkopf, G *Nahrung* 17 (2): 233-236. Eng. Sum. 1973

083825 QD1.N5
On structure of bitter principle of Ilex oldhami Miq., Ilex pedunculosa Miz. And Ilex rotunda Thumb. (Jap) Hase, T *Nippon Kagaku Kaishi* 4: 778-785. Ref. Eng. Sum. Apr 1973

083826 8 P832J
Storage of green plantains. [Bananas]. Hernandez, I *P R Univ J Agr* 57 (2): 100-106. Ref. Apr 1973

083827 8 P832J
Preparation & acceptability of banana nectar. Hernandez, I *P R Univ J Agr* 57 (2): 96-99. Apr 1973

083828 475 P53
A study on isolation & screening of microorganisms for production of diverse-textured nata. [Fruit products]. Gallardo-De Jesus, E *Philippine J Sci* 100 (1): 41-51. Mar 1971 (Pub. 1973)

083829 75.8 EU7
Forced-draught ventilation with cold, outside air compared with recirculation of artifically cooled air. [Potatoes, storage]. Nash, M J *Potato Res* 16 (1): 47-52. Mar 1973

083830 75.8 EU7
Some aspects of total losses during storage & reconditioning of potato tubers. Samotus, B *Potato Res* 16 (1): 61-67. Mar 1973

083831 6 P9452
Arizona producers provide a variety of melons. Cable, C C *Progr Agr Ariz* 25 (2): 6-9, 16. Mar/Apr 1973

083832 SB13.P8
Effect of wrappers & growth regulators on storage life of mango fruit. Deol, I S *Punjab Hortic J* 12 (2/3): 114-119. Apr-/Sept 1972

083833 T1.R42
Chemical characterization of banana (Musa sapientum Linn.) fibre. Gupta, P C D *Res Ind* 17 (3): 107-108. Sept 1972

083834 SF1.R54
1972 year, a bad year for wine production. (Ita) Dominione, C *Rilancio Agric Vet Zootec* 5 (1): 14-15. 1973

083835 307.8 OL3
First studies on use of electrons capture gas-chronatography for determination of sterols in vegetable oils. I. (Ita) Tateo, F *Riv Ital Sostanze Grasse* 50 (1): 11-12. Eng. Sum. Jan 1973

083836 307.8 OL3
Composition of unsaponifiable of olive husk oils purified by acetone. (Ita) Montanari, L *Riv Ital Sostanze Grasse* 50 (1): 13-15. Ref. Eng. Sum. Jan 1973

083837 281.8 R523
Olive oil, oilve culture, & industries. (Ita) Amadei, G *Riv Polit Agr* (New Ser. 8) 19 (4): 3-6. Dec 1972

083838 515 SO84
Constituents of Ilala wine. [Hyphaene natalensis]. Nash, L J *S Afr J Sci* 69 (3): 89-90. Ref. Mar 1973

083839 515 SO84
Investigation of sweetness in fruit of Dioscoreophyllum cumminsii (Serendipity berries) from southern Africa. Wyk, P J van *S Afr J Sci* 69 (3): 91-92. Mar 1973

083840 80 SA15
Extraction of aromatic & taste substances from wine. (Rus) Nilov, V I *Sadov Vinogradarstvo Vinodelie Moldavii* 4: 25-28. Apr 1973

083841 80 SCH9
Consumption of wine & other beverages in Switzerland. (Ger) Kutter, F *Schweiz Z Obst Weinbau* 109 (7): 181-190. Mar 31, 1973

083842 TP375.S6
Chemical-physical properties of Cuban distillery masts. (Spa) Vasquez, L L *Sobre Deriv Cana Azucar* 6: 35-41. Eng. Sum. 1972

083843 309 ST22
Differential scanning calorimetry: Study of amylose & its derivatives. [Potato starch]. Desai, D H *Starke* 25 (5): 162-166. Ref. May 1973

083844 11 T439
Covering potato clamps with plastic. [Storage]. (Dan) Holm, S *Tidsskr Planteavl* 77 (2): 145-155. Eng. Sum. 1973

083845 26 T754
Storage of 'Hass' avocados in polyethylene bags. Oudit, D D *Trop Agr (st Augustine)* 50 (3): 241-243. July 1973

083846 1 AG84MR
Postharvest wax-fungicide treatments of nectarines, peaches, & plums for: reducing decay, reducing moisture loss, enhancing external appearance. Wells, J M *U S D A Mkt Res Rep* 981, 6 P. Ref. May 1973

083847 SB320.V42
Controlled atmosphere storage of vegetables. Hilliker, F *Veg Crop Manage* 9 (5): 22-23. May 1973

083848 80 V662
Relationship of chemical elements to apple storage disorders. Flentje, W M *Victorian Hort Dig* 17 (1): 12-13. 1973

083849 80 V662
Flesh browning in CA stored Jonathans. [Apples]. Little, C R *Victorian Hort Dig* 17 (1): 17-21. 1973

083850 384 Z39
Fatty oil of Lepidium sativum L. [Gardencress]. (Ger) Loon, J van *Z Lebensmittel-untersuchung -Forsch* 152 (2): 75-78. Eng. Sum. 1973

083851 448.3 C33 (3)
Microflora und aflatoxin B. Amount of groundnut-samples. (Ger) Gemeinhardt, H *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 128 (1/2): 42-50. Ref. Eng. Sum. 1973

FEED PRODUCTS

083852 256.13 AG82M
High quality silage. McCullough, Ii *Agric North Irel* 48 (1): 2-4. May 1973

083853 S1.A29
What ensilaging process will you use? (Fre) Benjamin, R *Agric Prog* 5 (4): 6-7. May 1973

083854 24 AL2
Nutritive value of fodder yeast produced from Iraqi dates. Al-Aswd, M B *Alexandria J Agr Res* 20 (1): 63-67. June 1972

083855 389.79 AM32
Mycotoxin research: selected areas pertinent to feedstuffs. [Aflatoxin]. Ciegler, A *Amer Feed Manufacturers Ass Nutr Counc Proc* 32: 37-40. Ref. 1972

083856 381 AN13
Purification of wheat germ agglutinin by affinity chromatography. Shaper, J H *Anal Biochem* 53 (2): 564-570. Ref. June 1973

083857 49 C43
Feeds & nutrition. 24. [Fats]. (Jap) Nakamura, R *Anim Husb (tokyo)* 27 (5): 105-108. May 1973

083858 49 C43
Uses & problems of airtight silos. 1. [Structure, fee ds]. (Jap) Ueno, K *Anim Husb (tokyo)* 27 (5): 27-31. May 1973

083859 49 C43
Nutritive value of soy sauce residue & its use as feed for dairy cow. (Jap) Yahara, N *Anim Husb (tokyo)* 27 (5): 41-43. May 1973

083860 49 C43
Recent research on livestock nutrition & feeds in Japan. (Jap) Tasaki, I *Anim Husb (tokyo)* 27 (6): 15-20. June 1973

083861 49 C43
Production & cost of hay wafers. 2. (Jap) Mikami, K *Anim Husb (tokyo)* 27 (6): 66-68. June 1973

083862 49 C43
Feed value of summer crop of forage grasses. 2. Nutritive value of green fodder of rice. (Jap) Taji, K *Anim Husb (tokyo)* 27 (6): 79-80. June 1973

083863 49 AR22
Feed mix linear programming with non linear constraints. (Spa) Rodriguez Alcaide, J J *Arch Zootec* 22 (85): 93-97. 1973

083864 381 AS7
Collaborative study of acid-detergent fiber & lignin. [Feed, analysis]. Van Soest, P J *Ass Offic Anal Chem J* 56 (4): 781-784. July 1973

083865 381 AS7
Microbiological assay of spectinomycin in feed: collaborative study. Neff, A W *Ass Offic Anal Chem J* 56 (4): 834-839. July 1973

083866 381 AS7
Nitrogen in feed & fertilizer. Rexroad, P R *Ass Offic Anal Chem J* 56 (4): 862-863. July 1973

083867 381 AS7
Infrared studies of chlorinated dibenzo-p-dioxins & structurally related compounds. [Feed]. Chen, J Y T *Ass Offic Anal Chem J* 56 (4): 962-975. Ref. July 1973

083868 381 AS7
Toxic heavy metals in vegetables & forage grasses in Missouri's Lead Belt. Hemphill, D D *Ass Offic Anal Chem J* 56 (4): 994-998. Map. Ref. July 1973

083869 18 B329
Green forage harvest & feed preservation. (Ger) Oehring, M *Bauernblatt Schleswig Holstein, Schleswig Holsteinischen Lan Dpost* 27 (22): 1922-1923. June 2, 1973

083870 18 B329
Propionic acid in humid silage. (Ger) Schubert, *Bauernblatt Schleswig Holstein, Schleswig Holsteinischen Lan Dpost* 27 123 (22): 1926-1927. June 2, 1973

083871 442.8 B5236
Conversion of sterigmatocystin to aflatoxin B1 by Aspergillus parasiticus. Hsieh, D P H *Biochem Biophys Res Commun* 52 (3): 992-997. Ref. June 8, 1973

083872 100 C12S (1)
Soybeans for forage & green manure. Miller, M D *Calif Agr Exp Sta Bull* 862: 60-63. June 1973

083873 384 C4283
Problems connected with 'homogeneous' mixing of trace elements in mixtures of mineral substances. [Feed additives]. (Ger) Fuchs, H *Chem Tech (berlin)* 25 (7): 415-418. Ref. July 1973

083874 80 C83
Progress in grass conservation. [Feed]. Sykes, F *Country Life (london)* 153 (3966): 1862-1863. June 28, 1973

083875 SF221.D33
Cover those bunker & pit silos. [Silage]. Bath, D L *Dairy Tales Agric Ext Univ Calif* 3 (5/6): 1-29 May/June 1973

083876 58.8 D482
Tasks & significance of technical drying & processing of straw for feed. (Ger) Lange, E *Deut Agrartech* 23 (5): 217-219. 1973

083877 S9.E9
Different systems of hay preparation. (Ita) *Evoluzione Agric* 18 (210): 63-66. Apr 1973

083878 389.8 IZ8
Intensification of drying process of sugar beet pulp. [Feed]. (Rus) Parfenopulo, M G *Izv Vyssh Ucheb Zaved Pishch Tekhnol* 2: 88-90. 1973

083879 49 J82
Chemical treatment of ryegrass straw: in vitro dry matter digestibility & compositional changes. [Lolium]. Anderson, D C *J Anim Sci* 37 (1): 148-152. Ref. July 1973

083880 49 J82
Evaluating wood pulp as feedstuff for ruminants & substrate for Aspergillus fumigatus. Baker, A J *J Anim Sci* 37 (1): 179-182. Ref. July 1973

083881 49 J82
Responsibility of FDA [Food & Drug Administration] to livestock industry & consumer IV. Approaches to generating experimental data. [Feed additives, hormones]. Price, W D *J Anim Sci* 37 (1): 219-220. July 1973

083882 49 J82
Responsibility of FDA [Food & Drug Administration] to livestock industry & consumer. VI. Product stability & labeling for animal drugs & other feed additives. Knight, W M *J Anim Sci* 37 (1): 223-225. July 1973

083883 389.8 J823
Changes in nitrogenous constituents of staple foods & feeds during storage. II. Changes in protein solubility & adsorption of sulphonic dyes. Ben-Gera, I *J Food Sci Technol (mysore)* 9 (4): 200-204. Ref. Dec 1972

083884 382 SO12
Identification & measurement of 2,3-butanediol in silage. Fennessy, P F *J Sci Food Agr* 24 (6): 643-648. June 1973

083885 HD1491.G3K6
More & better feed by pelleting whole plant & by processing of straw. (Ger) Wojahn, E *Kooperation* 7 (5): 193-196. May 1973

083886 389.78 K85
Analysis of mixed feed industry of Great Britain. (Ger) Bird, A D *Kraftfutter* 56 (7): 318-319. July 1973

083887 100 K41 (3)
Commercial feeds in Kentucky, 1972. *Ky Agr Exp Sta Regulat Bull* 212, 24 P. June 1973

083888 18 L2353
Conservation of green food by cooling & by storage in aerobic & anaerobic atmospheres. (Ger) Ahlgrimm, H J *Landbauforsch Volkenrode* 22 (2): 109-116. Eng. Sum. Dec 1973

083889 11 L236
Quality of fermented feed. (Nor) Saue, O *Landbrukstidende* 79 (21): 545-547. May 26, 1973

083890 58.8 L235
Methods to accelerate drying process of meadow grass. (Ger) Schurig, M *Landtechnik* 28 (7): 204-206. May 1973

083891 107.6 T78
Utilization of corn steep liquor as food or feed & its waste treatment. 3. Amino acid composition of food yeasts. (Jap) Akaki, M *Mie Univ Fac Agr Bull* 45: 127-134. Ref. Eng. Sum. Mar 1973

083892 298.8 M622
Anatomy of compound feed industry. 1. United Kingdom. Bird, D *Milling* 155 (4): 20-22. Apr 1973

083893 18 N39
Damages in quality caused by too hot feed drying? (Ger) Hartmann, D *Mitt Deut Landwirt-ges* 88 (23): 662, 664. June 7, 1973

083894 44.8 M735
Microbial protein production. [Feed, food]. (Ger) Lembke, A *Molk-zeitung Welt Milch* 27 (17): 509-511. Apr 27, 1973

083895 298.8 M89
Dust examination as an aid for adding optimal volume of moisture & other ingredients to mixed feed before pressing & evaluation of dust resistance of pressed articles in storage & during transportation. (Ger) Sebestyen, E J *Muhle Mischfuttertech* 110 (24): 381-382. June 14, 1973

083896 275.29 N811
Silage storage & feeding systems. Wells, R C *N C Univ Ext Ext Circ* 504, Rev., 27 P. Ref. Apr 1973

083897 335.9 N485
Heat treating soybeans for swine. Guest, R W *N Y Farm Elec Counc Progr Rep* 30Th: 50-56. May 31, 1973

083898 20.5 N86
Progress in science & technology as related to preservation of feedstuffs produced on state farm. (Pol) Stachurka, R *Nowe Roln* 22 (10): 24-25. May 16/31, 1973

083899 100 OR3C
Technical & economic considerations in shipping grass seed residue to Japan. [Livestock, feed]. Porfily, L *Oreg Agr Exp Sta Circ Inform* 638, 28 P. Ref. Mar 1973

083900 TP1.P7
Methanol – bacterium process for scp. [microbial protein, feed supplement]. MacLennan, D G *Process Biochem* 8 (6): 22-24. June 1973

083901 100 N27N
How good is your silage? Moline, W J *Q Serv Farm Ranch & Home Univ Nebr, Coll Agric* 22 (2): 2-3. Summer 1973

083902 100 R34S (3)
Inspection of commercial feeds. Gilbert, R W *R I Agr Exp Sta Feed Circ* 26 P. Sept 1972

083903 307.8 OL3
Disapperance of goitrogenic factor from colza cake during fermentation in silos. (Ita) Rutkowski, A *Riv Ital Sostanze Grasse* 50 (1): 16-20. Ref. Eng. Sum. Jan 1973

083904 20.5 R59 SER. B
Estimation of structural substances in feeds. (Pol) Skulmowski, J *Rocz Nauk Roln Ser B Zootech* 94 (2): 123-134. Ref. Eng. Sum. 1972

083905 20.5 R59 SER. B
Effect of different methods of harvest & conservation of grass on content of nutrients. (Pol) Lesinski, T *Rocz Nauk Roln Ser B Zootech* 94 (3): 125-140. Ref. Eng. Sum. 1972

083906 20.5 R59 SER. C
Analysis of drying conditions for green plants, predried on field, with unheated air. [Feed]. (Pol) Katewicz, Z *Rocz Nauk Roln Ser C Mech Roln* 69 (3): 103-121. Ref. Eng. Sum. 1972

083907 309 ST22
Fodder production from potato furit juice as a problem of environmental protection & nutrition. (Ger) Willigen, A H A *Starke* 25 (6): 213-215. Ref. Eng. Sum. June 1973

083908 46.9 SV2
Inspection of swine feed. (Swe) Hamilton, J *Svinskotsel* 63 (5): 30-32. May 25, 1973

083909 11 T43
Preseravtion of grass & green fodder crops with intent of making hay. [Storage]. (Dan) Molle, K G *Tidsskr Landokon* 160 (2): 83-92, 94-103, 105-113. Ref. 1973

083910 100 W75R
Development of Aspergillus flavus & aflatoxins in harvested forage. Amalley, E B *Wis Agr Exp Sta Res Rep* 2412, 24 P. Ref. July 1972

083911 389.78 Z3
Possibility of fish meal sterilisation by gamma-irradiation. (Ger) Bancher, E *Z Tierphysiol Tierernahr Futtermittelkunde* 31 (4): 216-224. Ref. Eng. Sum. May 1973

083912 58.9 C333
An analysis of pressure losses during transportation of liquid feeds along a pipeline. (Cze) Kejik, C *Zemed Tech* 19 (2): 93-103. Feb 1973

083913 49.9 C33
Gas-chromatographical determination of volatile aliphatic acids & lactic acid in silages & haylages. (Cze) Hartman, M *Zivocisna Vyroba* 18 (1): 53-64. Ref. Eng. Sum. Jan 1973

083914 49.9 C33
Technological & economic effectiveness of feeds in fish meat production. (Cze) Vacek, J *Zivocisna Vyroba* 18 (1): 73-72. Eng. Sum. Jan 1973

ANIMAL HUSBANDRY

083915 41.8 AC87
Environment & animal health in piglet production. A field study of incidences & correlations. Backstrom, L *Acta Vet Scand* Suppl. 41, 240 P. Ref. 1973

083916 256.13 AG82M
Stocking arrangements in laying cages. [Chickens]. Jack, E A *Agric North Irel* 48 (1): 26-28. May 1973

083917 256.13 AG82M
Wool: a valuable commodity. Ellis, A B *Agric North Irel* 48 (1): 29-31. May 1973

083918 16 AG8229
Pigeons: a neglected rearing. (Ita) Pigoni, M R *Agric Spezia* 21 (3): 41-42. Mar 1973

083919 8 AG828
Evaluation of livestock production practices in states of Mexican Gulf & implications for future investigation. (Spa) Chazaro L, S *Agronomia (Monterrey)* 150: 18-23. July 1973

083920 49 C43
Varieties & traits of tropical Zebu cattle. 1. (Jap) Masaki, J *Anim Husb (tokyo)* 27 (5): 13-15. May 1973

083921 49 C43
Research approaches in animal husbandry. (Jap) Aoba, Y *Anim Husb (tokyo)* 27 (5): 23-26. May 1973

083922 49 C43
Present conditions & direction of swine raising in Japan. 2. (Jap) Yamamoto, K *Anim Husb (tokyo)* 27 (5): 3-6. May 1973

083923 49 C43
Raising & fattening of beef cattle. 9. (Jap) Namikawa, K *Anim Husb (tokyo)* 27 (5): 95-99. May 1973

083924 49 C43
Design of experiments in animal husbandry. 22. Livestock & poultry raising data. (Jap) Yoshida, M *Anim Husb (tokyo)* 27 (6): 103-105. June 1973

083925 49 C43
Beef cattle feedlot management in United States. 1. (Jap) Oonari, K *Anim Husb (tokyo)* 27 (6): 35-38. June 1973

083926 49 C43
Systematization & practice in swine raising. 1. (Jap) Imura, K *Anim Husb (tokyo)* 27 (6): 43-47. June 1973

083927 49 C43
Recent trends on poultry research in Japan. (Jap) Tanabe, Y *Anim Husb (tokyo)* 27 (6): 8-10. June 1973

083928 43.8 AR43
Hot irons. [Cattle, identification]. Schuessler, R *Ark Cattle Bus* 9 (7): 9-10. July 1973

083929 47.8 R523
Rearing of capons in rural areas in a rational way. (Ita) Ugolini, G *Avicoltura* 42 (5): 57-63. May 1973

083930 S11.B43
Cattle raising & environment. (Dut) Geessink, E F *Bedrijfsontwikkeling* 4 (4): 309-312. Apr 1973

083931 S560.B54
A new life in highlands? [Sheep, cattle]. Hart, E *Big Farm Manage* P. 37-38. May 1973

083932 41.8 V643
Animal welfare in modern agriculture. Wood-Gush, D G M *Brit Vet J* 129 (2): 167-174. Ref. Mar/Apr 1973

083933 47.8 C16
Caging ducks for efficient egg production. Meagher, T G *Can Poultry Rev* 97 (7): 18, 20-21 July 1973

083934 47.8 C81
Egg room sanitation. [Poultry farms]. Marsh, C A *Cornell Poultry Pointers* 25 (2): 6-8. June 1973

083935 80 C83
Rearing golden calf. Sykes, F *Country Life (london)* 153 (3963): 1659-1660. Jun 7, 1973

083936 80 C83
Feed, fence & fertiliser. [Sheep]. Sexton, H G C *Country Life (london)* 154 (3964): 1765-1766. June 14, 1973

083937 HD9437.D4D3
Problems with Plymouth Rock chickens. [Animal husbandry]. (Dan) Ammitzboll, A *Dan Erhvervsfjerkrae* 2 (10): 214-216. May 15, 1973

083938 HD9437.D4D3
Raising Plymouth Rock chickens. (Dan) Ammitzboll, A *Dan Erhvervsfjerkrae* 2 (9): 187-189. May 1, 1973

083939 43.8 EL22
Exploitation of livestock, a protein source for humans: What progress can one expect of it? how can one develop husbandry? [Poultry, swine, cattle]. (Fre) Fevrier, R *Elev Insemination* 134: 3-15. Ref. Mar 1973

083940 275.29 K415E
Making & using a cattle backrubber. Scheibner, R A *Ent Dep Entomol Univ Ky Coll Agric Coop Ext Serv* 4, Rev., 4 P. July 1972

083941 105.8 G36E
Recent facts on raising livestock by hand. (Ger) Senft, B *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 150-162. Ref. 1972

083942 105.8 G36E
Relationship between methods of livestock rearing & climatic factors in stalls. (Ger) Seufert, H *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 208-215. 1972

083943 105.8 G36E
Waste removal in large scale animal farming. (Ger) Niese, G *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 307-313. Ref. 1972

083944 10 ES73
Disease & intensification. [Animal husbandry]. Sainsbury, D W B *Esso Farmer* 25 (1): 11-14. 1973

083945 TX341.F3
Estimating cull cow supplies. Keane, M *Farm Food Res* 4 (2): 31-34. Mar/Apr 1973

083946 TX341.F3
Comfortable pigs thrive better. Hanrahan, T J *Farm Food Res* 4 (2): 34-36. Mar/Apr 1973

083947 TX341.F3
Is there a place for sheep on wet mineral soils? Cawdery, M J H *Farm Food Res* 4 (2): 46-48. Mar/Apr 1973

083948 SF1.A4
Shelter & bedding for beef cows. Young, B A *Feeders' Day Dep Anim Sci Univ Alberta* 51St: 41-44. June 1972

083949 47.8 G276
Advantages of outdoor rearing of swine. (Ger) Mitchell, A *Geflugelhof & Kleinvieh* 36 (4): 7, 9-11. Feb 22, 1973

083950 24 G564
Housing & controlling goats. Fianu, F K *Ghana Farmer* 16 (2): 93-98. Dec 1972

083951 275.29 H312AC
Small scale poultry production. Tanaka, T *Hawaii Univ Ext Circ* 480, 98 P. Ref. Dec 1972

083952 11 H35
Tanzania's cattle must not grow thin for lack of water. [Animal husbandry]. (Dan) Lauridsen, C *Hedeselsk Tidsskr* 94 (4): 78-82. Apr 15, 1973

083953 SF391.H6
Save more pigs. Montgomery, G A *Hog Farm Manage* 10 (7): 8-10, 12. July 1973

083954 41.8 IN2
Time & motion study for work of hand-milking of cows. Rawat, B S *Indian Vet J* 50 (3): 241-251. Mar 1973

083955 49 IN3
Systems of rearing goats. (Ita) Ferrari, L *Inform Zootec* 20 (2): 6-7. Jan 21, 1973

083956 49 IN3
Development of goat rearing. (Ita) Rosito, F *Inform Zootec* 20 (9): 14-15. May 7, 1973

083957 340.8 IN8
Animal production in desert. Morag, M *Int J Biometeorol* 5 (2): 43-52. Ref. 1972

083958 41.8 V6425
What a veterinarian should know about swine confinement. Christenson, C L *Iowa State Univ Vet* 35 (2): 58-62. Ref. 1973

083959 49 J82
Herd differences in expression of fatal diarrhea in artificially reared piglets weaned after 12 hours vs. 36 hours of nursing. Coalson, J A *J Anim Sci* 36 (6): 1114-1121. Ref. June 1973

083960 49 J82
Abstracts of papers for presentation at 65th annual meeting of American Society of Animal Scince. *J Anim Sci* 37 (1): 227-364. July 1973

083961 44.8 J823
Mechanics of teat & teatcup liner during milking: information from radiographs. [Cows]. Mein, G A *J Dairy Res* 40 (2): 179-189. Ref. June 1973

083962 44.8 J823
Friction between teat & teatcup liner during milking. [Cows]. Mein, G A *J Dairy Res* 40 (2): 191-206. Ref. June 1973

083963 44.8 J823
Periodic omission of dairy cow milkings. I. Effect on milk yield & composition & on udder health. Radcliffe, J C *J Dairy Res* 40 (2): 247-254. Ref. June 1973

083964 44.8 J823
Periodic omission of dairy cow milkings. II. Effect on composition & processing properties of herd milk. Bailey, L F *J Dairy Res* 40 (2): 255-261. Ref. June 1973

083965 44.8 J822
Management factors associated with herd average milk yield & income over feed cost in Guernsey, Holstein, & Jersey herds. Brown, C A *J Dairy Sci* 56 (6): 789-798. Ref. June 1973

083966 44.8 J822
Immediate effects of changing herd size upon milk production & other diary herd improvement measures of management. Brown, C A *J Dairy Sci* 56 (6): 799-804. Ref. June 1973

083967 44.8 J822
Financial planning for dairy herd expansions. Tinsley, W A *J Dairy Sci* 56 (6): 830-834. June 1973

083968 44.8 J824
Solids-liquid separation: an important step in recycling of dairy cow wastes. Dale, A C *J Milk Food Technol* 36 (5): 289-295. May 1973

083969 100 L939
Pasture programs for replacement beef heifer. [Breeding, feeding]. Humes, P E *La Agr* 16 (4): 3, 16. Summer 1973

083970 QL55.A1L3
Establishment of a colony of mice free from lymphocytic choriomeningitis in kenya. Cooper, J E *Laboratory Anim* 7 (2): 111-117. Ref. May 1973

083971 S7.L35
Management & problem of beef cattle ranching in Zaire. (Ger) Lutz, W *Landwirt Ausl* 7 (2): 40-42. Mar/Apr 1973

083972 11 L234
What trials in loose housing show. [Cattle]. (Swe) Sanne, S *Lantmannen* 84 (9): 24-26. May 11, 1973

083973 49 L758
Education research can only point way, says coastal researchers. [Beef cattle]. McCormick, W C *Livestock Breeder J* 16 (7): 148, 150, 152, 170, 173-174. July 1973

083974 49 L758
Its a wonderful world of animals. Ensminger, M E *Livestock Breeder J* 16 (7): 212, 214, 216, 218, 220. July 1973

083975 49 L758
Importance of a single beef cow. Gray, R *Livestock Breeder J* 16 (7): 244-250. July 1973

083976 58.8 M467
Principles in development of cattle production applied in practice. (Cze) Hodkova, K *Mech Zemedel* 23 (3): 94-96. Eng. Sum. 1973

083977 S19.M6
Poultry development in Mysore State. Pai, K N *Mod Agric* 3 (2): 45-46. Mar-/Apr 1972

083978 S19.M6
Cattle development in Andhra Pradesh. Shirazi, B A *Mod Agric* 3 (2): 83-85. Mar-/Apr 1972

083979 S19.M6
Commercial poultry production. Christopher, J *Mod Agric* 3 (3): 49-51. May/June 1972

083980 41.8 M742
Management of reproduction sphere in industrialised loose-housing stables for dairy cattle. (Ger) Kaiser, R *Monatsh Veterinarmed* 28 (10): 368-371. Eng. Sum. May 15, 1973

083981 41.8 M742
Investigation of steam generation in flat cages for laying hens. (Ger) Mothes, E *Monatsh Veterinarmed* 28 (11): 423-427. Ref. Eng. Sum. June 1, 1973

083982 41.8 M742
Content & concepts of animal hygiene legislation. (Ger) Mehlhorn, G *Monatsh Veterinarmed* 28 (12): 452-458. Ref. Eng. Sum. June 15, 1973

083983 TS1950.M42
Calf stunning. Robinson, A J *MIRINZ Meat Indus Res Inst N Z* 292, 11 P. Ref. Feb 1973

083984 23 N47BA
Nose ringing of pigs. 5th ed. *New S Wales Dep Agr Bull A* 29, 4 P. 1972

083985 49.9 N76
Environmental factors in swine production; a survey. (Nor) Simensen, E *Norges Landbrukshogsk Inst Bygningsteknikk Stensiltrykk* 111, 18 P. Ref. 1972

083986 11 N8122
Experiences with common problems of dairy cattle. 1. (Nor) Kvarberg, O C *Norsk Landbruk* 9: 6, 38. May 10, 1973

083987 11 N8122
A practical search for standards for dairy cattle. 1. (Nor) Myhre, H I *Norsk Landbruk* 9: 9, 11, 40. May 10, 1973

083988 10 N81
Calf rearing. *Northern Ireland Min Agr Adv Serv Leafl* 54, 12 P. Apr 1973

083989 SF481.P64
What's wrong with random sample tests? [Poultry]. Parks, R *Poult Guide* 10 (3): 53-56. Mar 1973

083990 SF481.P64
Some aspects of rearing chicks. Kakar, P C *Poult Guide* 10 (4): 47-49. Apr 1973

083991 281.9 B87
How does one produce young cattle in France? (Fre) Marchadier, J *Prod Agr Fr* 49 (128): 18-20. Apr 2, 1973

083992 281.9 B87
Cattle rearing in Great Britain. (Fre) Duplan, J M *Prod Agr Fr* 49 (128): 25. Apr 2, 1973

083993 281.9 B87
Influence of type of free housing on fattening performances of young bulls. (Fre) Mourier, C *Prod Agr Fr* 49 (129): 22-24. May 1, 1973

083994 49 P945
Routine work in animal production. II. Care & feeding in dairy cows. (Ita) Matassino, D *Prod Anim* 11 (1): 7-106. Ref. Eng. Sum. Mar 1972

083995 100 N81R
Swine Development Center. Upchurch, W *Res Farming (n C Sta)* 30 (1/4): 6-7. Summer 1972/Spring 1973

083996 286.85 D48
Beef cattle & meat industry of North Rhine-Westphalia. (Ger) Herssing, W *Schlacht Viehhof-ztg* 73 (5): 165-167. May 1973

083997 41.8 SCH9
First results with nurse rearing by hysterectomy piglets. (Ger) Keller, H *Schweiz Arch Tierheilk* 115 (5): 213-220. Eng. Sum. May 1973

083998 SF601.S8
Ships for animals. [Livestock, transportation]. Warren, D P *State Vet J* 27 (81): 184-193. Sept 1972

083999 SF601.S8
Metal sty: anachronistic or contemporary. [Ruminants, pigs]. Huck, R A *State Vet J* 28 (82): 33-37. Jan 1973

084000 SF601.S8
Travelling with pigs. Clark, W A *State Vet J* 28 (82): 48-55. Jan 1973

084001 46.8 SU3
Saint Antony, protector of livestock. (Ita) Reggiani, F *Suinicoltura* 14 (2): 43-46. Feb 1973

084002 49 T445
Cooperative enterprise form in dairy cattle farming. (Ger) Reisch, E *Tierzuchter* 25 (5): 200-202. May 5, 1973

084003 49 T445
Animal production in South African Republic. (Ger) Joubert, D M *Tierzuchter* 25 (5): 210-211. May 5, 1973

084004 SB197.A1T7
Animal production & reproduction in mulga zone of Western Australia. [sheep]. Morrissey, J G *Trop Grasslands* 7 (1): 163-168. Mar 1973

084005 SB111.A2T72
A comparison of buffalo & cattle keeping in international operational economy. (Ger) Bauer, H *Tropenlandwirt* 74: 67-75. Eng. Sum. Apr 1973

084006 SB111.A2T72
Methods & possibilities of feeding & husbandry of cattle in Sahel zone of Africa with special reference to situation in Republic of Niger. (Ger) Lindau, M *Tropenlandwirt* 74: 94-104. Eng. Sum. Apr 1973

084007 24 T839
Rearing sheep of Barbarine breed in Ousseltia Center, central Tunisia. (Fre) Sarson, M *Tunis Inst Rebois Doc Tech* 55, 136 P. Map. Ref. Mar 1972

084008 24 T839
Development of meat production through certain studies. [Sheep, cattle]. (Fre) Menchari, A *Tunis Inst Rebois Doc Tech* 57, 41 P. Apr 1972

084009 18 UB3
Sanitary problems of manure utilization in animal production. (Ger) Strauch, D *Ubersicht* 24 (5): 366-370. May 12, 1973

084010 442.8 UZ1
Effect of paratypical conditions on formation of productiveness in sheep reared in Uzbekistan for meat & wool. (Rus) Khodzhaev, Z *Uz Biol Zhur* 1: 28-30. 1973

084011 41.9 C333
Evaluation of hygienic parameters & results of rearing of pullets on deep litter & in cages. (Cze) Hojovec, J *Vet Med (prague)* 18 (2): 65-73. Ref. Eng. Sum. Feb 1973

084012 41.8 V641
Artificial rearing of lambs. Spedding, C R W *Vet Rec* 92 (23): 614-615. June 9, 1973

084013 41.8 V6494
Japanese quail the smallest domesticated chicken. (Cro) Nesic, P *Veterinaria (Sarajevo)* 21 (3): 401-407. Eng. Sum. 1972

084014 49 Z6
Some problems in training cadres for work in animal industry. (Rus) Mergur'ev, V A *Zhivotnovodstvo* 5: 14-19. May 1973

084015 49 Z6
Breeding cows according to coincidence of drying up. [Dairy cattle]. (Rus) Gar'kavyi, F L *Zhivotnovodstvo* 5: 63-65. May 1973

084016 49 Z6
Effect of conditions of raising calves on their productive qualities. (Rus) Pildik, V I *Zhivotnovodstvo* 5: 75-78. May 1973

084017 49 Z6
Early weaning of piglets. (Rus) Makarkin, A P *Zhivotnovodstvo* 5: 78-81. May 1973

084018 41.8 Z7
Musk oxen in north Canada. (Ita) Bonadonna, T *Zootec Vet* 28 (1/2): 15-29. Eng. Sum. Jan/Feb 1973

084019 41.8 Z7
Considerations on milk producton in tropical countries. [Cattle]. (Ita) Bonadonna, T *Zootec Vet* 28 (1/2): 4-14. Jan/-Feb 1973

LIVESTOCK BIOLOGY

084020 512 W262
Serum vitamin A content of normal ruminant's blood. Abdulla, A *Acad Polon Sci Bull Ser Sci Biol* 21 (3): 177-180. Ref. 1973

084021 505 P21 (3)
Basal lamina of white fat adipose cell & its development in course of weight loss. [Swine]. (Fre) Desnoyers, F *Acad Sci (paris) C R Ser D* 276 (15) 2285-2287. Apr 9, 1973

084022 505 P21 (3)
Deveolpment of activity of phenylsulfatase & acid phosphatase in brain & lung during embryonic development in chick. (Fre) Fedecka-Bruner, B *Acad Sci (paris) C R Ser D* 276 (15): 2325-2328. Ref. Apr 9, 1973

084023 505 P21 (3)
Inference of follicle-stimulating hormone (FSH) antigenic sites & serous orosomucoide in radio-immunological determination of ovine plasmatic FSH. (Fre) Dubois, M P *Acad Sci (paris) C R Ser D* 276 (17): 2461-2464. Ref. Apr 25, 1973

084024 505 P21 (3)
Unorthodox responses in mixed lymphocytic culture in swine. (Fre) Vaiman, M *Acad Sci (paris) C R Ser D* 276 (19): 2757-2760. Ref. May 9, 1973

084025 444.8 AC82
Electron-microscopic investigations in islets of Langerhans in pancreas of pig. (Ger) Petkov, P *Acta Anat* 85 (1): 41-51. Ref. Eng. Sum. 1973

084026 442.8 AC87
Boundary between white matter & neocortex in dog brain. Oredarz, A *Acta Biol Cracov Ser Zool* 15 (2): 137-148. Ref. 1972

084027 442.8 AC87
Nondialysable sugar peptide fraction of bovine plasma. Comparison of ninhydrin positive substances of this fraction with low molecular constituents of seromucoid. Sarnecka-Keller, M *Acta Biol Cracov Ser Zool* 15 (2): 175-182. Ref. 1972

084028 QH431.G44
Investigations of physico-chemical properties of serum albumins from progeny of chickens treated with highly polymerized homologous DNA during embryogenesis. Ribarac-Stepic, N *Acta Biol Iugosl Ser F Genet* 4 (2): 297-303. Ref. 1972

084029 QH301.A25
Concentration & subcellular distribution of iron & coppe r in swine liver. I. Concentration & subcellular distribution in first 10 days of life. (Ger) Gurtler, H *Acta Biol Med Ger* 30 (4): 447-456. Ref. Eng. Sum. 1973

084030 QP1.A25
Activity of some krebs' cycle dehydrogenases, phosphatases & tryptophan pyrrolase in tissues of tetracycline-treated pigs. Malinowska, A *Acta Physiol Pol (engl Lang Ed)* 23 (1): 127-131. Ref. 1972

084031 QP1.A25
Activity of monoaminooxidase (1,4,3,4) & acetylcholinesterase (3,1,1,7) in walls of arteries & veins in cattle of various age. Radymska-Wawrzyniak, K *Acta Physiol Pol (engl Lang Ed)* 23 (1): 157-168. Ref. 1972

084032 QP1.A25
Histochemical activity of monoaminooxidase & cholinesterase in intestinal wall of rabbits & pigs. Radymska-Wawrzyniak, K *Acta Physiol Pol (engl Lang Ed)* 23 (1): 169-174. Ref. 1972

084033 QP1.A25
Effect of progesterone on reaction of sheep ovaries following intraadenohypophyseal infusion of gonadotropin-releasing factors. Przekop, F *Acta Physiol Pol (engl Lang Ed)* 23 (1): 17-21. Ref. 1972

084034 QP1.A25
Changes of blood glucose level during copulation in boar. Kolczak, T *Acta Physiol Pol (engl Lang Ed)* 23 (2): 285-290. Ref. 1972 Translated 1973

084035 QP1.A2
Metabolism of 14C-histamine in goats & pigs treated with aminoguanidine. Eliassen, K A *Acta Physiol Scand* 88 (1): 1-7. Ref. May 1973

084036 QP901.A33
Some cell surface properties of thymus-derived lyumphocytes in bursectomized chickens. Theis, G A *Adv Exp Med Biol* 29: 119-124. Ref. 1973

084037 QP901.A33
Lymphocyte differentiation in chicken embryo – relationship to microenvironment. Lukic, M L *Adv Exp Med Biol* 29: 27-33. Ref. 1973

084038 QP901.A33
Lymphoid development of embryonic chicken thymus in organ culture. Sallstrom, J F *Adv Exp Med Biol* 29: 35-41. Ref. 1973

084039 QP901.A33
Use of germ-free piglets in study of lymphoid tissue & germinal centre formation. Anderson, J C *Adv Exp Med Biol* 29: 643-649. 1973

084040 QP901.A33
Lymph node function & lymphocyte circulation in pig. McFarlin, D E *Adv Exp Med Biol* 29: 87-93. 1973

084041 24 AL2
Changing composition of digesta along alimentary tract of rabbit. Badawy, A M *Alexandria J Agr Res* 20 (1): 37-42. Ref. June 1972

084042 24 AL2
Seasonal variations in chemical constituents of blood & semen in buffalo cattle. Salem, H M *Alexandria J Agr Res* 20 (1): 51-54. Ref. June 1972

084043 447.8 AM32
Arteries of pancreas of dog; an injection-corrosion & microangiographic study. Cadete-Leite, A *Amer J Anat* 139 (2): 151-156. Ref. June 1973

084044 447.8 AM32
Catecholamines & morphogenesis of chick neural tube & notochord. Lawrence, I E *Amer J Anat* 139 (2): 199-206. Ref. June 1973

084045 41.8 AM3A
Lymph nodes & lymph vessels of head of goat (Capra hircus). Tanudimadja, K *Amer J Vet Res* 34 (7): 909-914. Ref. July 1973

084046 410 B77
Establishment & nature of dominance hierarchy in domesticated pig. Meese, G B *Anim Behav* 21 (Pt. 2): 326-334. Ref. May 1973

084047 49 AN55
Milk & herbage intakes by grazing lambs born to Merino ewes & sired by Merino, Border Leicester, Corriedale, Dorset Horn & Southdown rams. Langlands, J P *Anim Prod* 16 (3): 285-291. June 1973

084048 49 AN55
A note on comparison of digestion by New World camels, sheep & ponies. Hintz, H F *Anim Prod* 16 (3): 303-305. Ref. June 1973

084049 49 AN55
A note on failure of thyroxine to restore wool growth to inactive follicles. Ryder, M L *Anim Prod* 16 (3): 319-321. June 1973

084050 41.9 AN4D
Morphological research on lobular formation & blood circulation in liver of mammals. (Tur) Tanyolac, A *Ankara Univ Vet Fak Dergisi* 19 (4): 427-446. Ref. 1972

084051 41.8 AN78
Study of morphological variations of acetabulum in dog. (Fre) Collin, B *Ann Med Vet* 117 (3): 163-175. Ref. May 1973

084052 41.8 AN78
Trichosporon capitatum, a constituent of fungal flora of digestive tube of certain Suidae. (Fre) Saez, H *Ann Med Vet* 117 (3): 177-182. May 1973

084053 381 AR2
Studies on bovine pancreatic ribonuclease A & model tyrosyl compounds in aqueous 2-methyl-2, 4-pentanediol, II. Spectral investigation of solvation; with an appendix, Preliminary note on chemical modification of proteins in Pittz, E P *Arch Biochem Biophys* 156 (2): 437-447. Ref. June 1973

084054 381 AR2
Reaction of 3-amino-1:2:4-triazole with lactoperoxidase. [Cattle]. Chang, J Y *Arch Biochem Biophys* 156 (2): 475-479. Ref. June 1973

084055 381 AR2
Primary structure of sheep pituitary growth hormone. Li, C H *Arch Biochem Biophys* 156 (2): 493-508. Ref. June 1973

084056 381 AR2
Limited pepsin digestion of bovine plasma albumin. King, T P *Arch Biochem Biophys* 156 (2): 509-520. Ref. June 1973

084057 381 AR2
Enzymatic esterification of alkane-2, 3-diols by microsomes of uropygial glands of ring-necked pheasants (Phasianus colchicus). Sawaya, W N *Arch Biochem Biophys* 157 (1): 309-319. Ref. July 1973

084058 389.78 AR22
14C [carbon]-acetamide turnover subject to acetamid adaptation of sheep. (Ger) Gorsch, R *Arch Tierernahr* 23 (4): 291-308. Eng. Sum. May 1973

084059 389.78 AR22
Influence of drying intensity on energetic utilisation of dry green-feedstuffs through ruminants. (Ger) Jentsch, W *Arch Tierernahr* 23 (4): 309-321. Eng. Sum. May 1973

084060 389.78 AR22
Metabolism of propylenglycol in rumen of a cow. (Ger) Voigt, J *Arch Tierernahr* 23 (4): 323-327. Eng. Sum. May 1973

084061 389.78 AR22
Acetylurea, acetamide & mixtures of these compounds with urea as NPN[non protein nitrogen]-sources under vitro conditions. 4. Protein & fatty-acid production after acetamid adaptation of (rumen fluid) (Ger) Munchow, H *Arch Tierernahr* 23 (4): 329-339. Eng. Sum. May 1973

084062 41.8 AR25
Calcium tolerance test according to Klotz's method applied to cow. (Ita) Agnes, F *Arch Vet Ital* 23 (6): 397-411. Ref. Eng. Sum. Dec 31, 1972

084063 41.8 AR25
Cellulose acetate (CAF) electrophoresis of serum proteins of normal female asses (Equus asinus Linnaeus, 1758). Gacek, F *Arch Vet Ital* 23 (6): 427-433. Ref. Dec 31, 1972

084064 49 AR22
A description of ultrastructure of A.C.T.H. cells in adenohypophysis of rabbit. (Spa) Blanco, A *Arch Zootec* 22 (85): 31-37. Ref. 1973

084065 49 AR22
Seasonal variation of hematic values in Holstein cattle & its relation with milk yield. (Spa) Tena Andreu, S de *Arch Zootec* 22 (85): 39-49. Ref. Eng. Sum. 1973

084066 49 AR22
Seasonal incidence of moment of birth, gestation period, & weight at birth, in Frisian cow herds. (Spa) Tena Andreu, S de *Arch Zootec* 22 (85): 61-68. Ref. Eng. Sum. 1973

084067 49 AR22
Normal values of cholinesterase from plasma & erythrocytes in Holstein-Friesian cows. (Spa) Laguna, D S *Arch Zootec* 22 (85): 69-77. Eng. Sum. 1973

084068 381 AS7
Gas chromatographic determination of diethylstilbestrol & its glucuronide in cattle tissues. Donoho, A L *Ass Offic Anr Chem J* 56 (4): 785-792. Ref. July 1973

084069 381 AS7
Dry ashing method for determination of total arsenic in animal tissues: collaborative study. [Poultry, swine]. George, G M *Ass Offic Anal Chem J* 56 (4): 793-797. July 1973

084070 41.8 AU72
Effects of pyrantel pamoate & tetrachlorethylene on several blood enzyme levels in Greyhound. [Dogs]. Snow, D H *Aust Vet J* 49 (6): 269-272. Ref. June 1973

084071 41.8 AU72
A serological study of bovine foetal immunoglobulins. Horner, G W *Aust Vet J* 79 (7): 325-329. Ref. July 1973

084072 442.8 AU72
Relative importance of pancreatic lipase & pregastric esterase on lipid absorption in calves one-two weeks of age. Gooden, J M *Australian J Biol Sci* 26 (3): 625-633. Ref. June 1973

084073 442.8 AU72
Plasma amino acid patterns in sheep receiving abomasal infusions of methionine & cystine. Reis, P J *Australian J Biol Sci* 26 (3): 635-644. Ref. June 1973

084074 442.8 AU7
Copper deficiency in rat. Effect on ultrastructure of hepatocytes. Gallagher, C H *Australian J Exp Biol Med Sci* 51 (2): 181-189. Ref. Apr 1973

084075 442.8 AU7
Hydration & vasopressin effects on glomerular filtration rate in sheep. Yesberg, N E *Australian J Exp Biol Med Sci* 51 (2): 191-197. Ref. Apr 1973

084076 442.8 AU7
Mechanisms of transfer of immunoglobulins into mammary secretion of ewes. Watson, D L *Australian J Exp Biol Med Sci* 51 (2): 247-254. Ref. Apr 1973

084077 442.8 AU7
Comparisons of immunoglobulin secretion in salivary & mammary glands of sheep. Watson , D L *Australian J Exp Biol Med Sci* 51 (2): 255-258. Ref. Apr 1973

084078 41.8 AV5
Gentamicin concentrations in turkey eggs & in tissues of progeny following egg dipping. Bickford, S M *Avian Dis* 17 (2): 301-307. Ref. Apr/June 1973

084079 41.8 AV5
Effect of ingested lead shot on electrocardiogram of Canada geese. Sileo, L *Avian Dis* 17 (2): 308-313. Apr/June 1973

084080 41.8 AV5
Collection of avian blood samples in microtest plates. [Chcikens]. Williams, J E *Avian Dis* 17 (2): 445-449. Apr/June 1973

084081 41.9 AZ1
On hematological & chemical findings of blood in Felidae. [Cats]. (Jap) Masui, M *Azabu Vet Coll Bull* 24: 35-49. Ref. Eng. Sum. May 1972

084082 41.9 AZ1
Physiological ranges of ECG [electrocardiogram] on normal dog. II. values of various leads on adult mongrel. [Dogs]. (Jap) Suzuki, T *Azabu Vet Coll Bull* 24: 51-58. Eng. Sum. May 1972

084083 41.9 AZ1
Investigation of physiological ranges of ECG [electrocardiogram] on dog. III. Changes of ECG on dog as growing older. (Jap) Suganuma, T *Azabu Vet Coll Bull* 24: 59-75. Ref. Eng. Sum. May 1972

084084 47.8 B26
Effect of different Fusarium-species on sperm production of ganders. (Hun) Nagy, G *Baromfiipar* 20 (3): 123-130. Ref. 1973

084085 41.8 B45
Response of dwarf pig to a heat load at different humidities. (Ger) Georgiev, S *Berliner Munchener Tierarztl Wochenschr* 86 (11): 208-213. Ref. Eng. Sum. June 1, 1973

084086 41.8 B45
Research into effects on long bone structure in poultry of different methods of farming. (Ger) Rodenhoff, G *Berliner Munchener Tierarztl Wochenschr* 86 (13): 241-244. Eng. Sum. July 1, 1973

084087 41.8 B45
On tolerance of injectable iron compounds. [Mice]. (Ger) Schutz, E *Berliner Munchener Tierarztl Wochenschr* 86 (13): 252-254. Ref. July 1, 1973

084088 410.9 B47
Question of pottack & small Quaternary Equidae of Southwest. (Fre) Astre, G *Biarritz Cent Etud Rech Sci Bull* 9 (1): 7-17. Ref. Sept 1, 1972

084089 382 B52
Formation of ceramide phosphorylethanolamine from phosphatidylethanolamine in rumen protozoon Entodinium caudatum. Broad, T E *Biochem J* 134 (2): 659-662. Ref. June 1973

084090 381 B523
Size & stereospecificity of active site of porcine elastase. Atlas, D *Biochemistry* 12 (14): 2573-2577. Ref. July 3, 1973

084091 381 B522
Phospholipid changes in spermatozoa during passage through genital tract of bull. Poulos, A *Biochim Biophys Acta* 306 (2): 194-202. Ref. May 24, 1973

084092 381 B522
Studies on uptake of radioactive copper by sheep erythrocytes in vitro. Smith, B S W *Biochim Biophys Acta* 307 (3): 590-598. Ref. May 25, 1973

084093 381 B522
Kinetic studies on citrate synthase from pig heart. Johansson, C J *Biochim Biophys Acta* 309 (2): 466-472. Ref. June 6, 1973

084094 381 B522
Purification & characterization of two proteins with co-lipase activity from porcine pancreas. [Swine]. Erlanson, C *Biochim Biophys Acta* 310 (2): 437-445. June 15, 1973

084095 381 B522
Isolation & characterization of cyanogen bromide peptides from alpha 1 & alpha 2 chains of soluble bovi ne striated muscle collagen. [Cattle]. McClain, P E *Biochim Biophys Acta* 310 (2): 469-480. Ref. June 15, 1973

084096 381 B522
Regulation of amino acid transport in chick embryo heart cells. III. Formal identification of a mediation as an adaptive transport system. Gazzola, G C *Biochim Biophys Acta* 311 (2): 292-301. Ref. June 22, 1973

084097 QH301.B46
Pharyngeal deposition of surfactant in premature rabbit fetus. Enhorning, G *Biol Neonate* 22 (1/2): 126-132. 1973

084098 QH301.B46
Age-related change of LDH [lactate dehydrogenase] activity & isoenzyme patterns in bovine fetus. Davis, R M *Biol Neonate* 22 (1/2): 64-77. Ref. 1973

084099 QH301.B46
Insulin secretion in fetal & neonatal sheep. Alexander, D P *Biol Neonate* 22 (1/2): 99-118. Ref. 1973

084100 QL876.B5
Distribution of free myo-insitol in fluids, spermatozoa, & tissues of bull genital tract & observations on its uptake by rabbit epididmymis. Voglmayr, J K *Biol Reprod* 8 (4): 504-513. Ref. May 1973

084101 QL876.B5
Active sodium & chloride transport across rabbit blastocoele wall. Cross, M H *Biol Reprod* 8 (5): 566-575. Ref. June 1973

084102 389.8 B773
Utilization of volatile fatty acids & glucose for protein deposition in lambs. Eskeland, B *Brit J Nutr* 29 (3): 347-355. May 1973

084103 389.8 B773
Changes in some physical characteristics of digesta in reticulo-rumen of cows fed once daily. Evans, E W *Brit J Nutr* 29 (3): 357-386. Ref. May 1973

084104 389.8 B773
Concurrent studies on flow of digesta in duodenum & of exocrine pancreatic secretion of calves. collection of exocrine pancreatic secretion from a duodenal cannula. [Surgery]. Ternouth, J H *Brit J Nutr* 29 (3): 387-397. Ref. May 1973

084105 389.8 B773
Degradation of nucleic acid derivatives by rumen bacteria in vitro. [Calves]. McAllan, A B *Brit J Nutr* 29 (3): 467-474. Ref. May 1973

084106 47.8 B77
Ultrastructural localisation of acid phosphatase in avian shell gland. [Poultry]. Solomon, S E *Brit Poultry Sci* 14 (3): 241-243. May 1973

084107 47.8 B77
Response of plasma glucose, free fatty acids & triglycerides to starving & refeeding in cockerels & geese. Nir, I *Brit Poultry Sci* 14 (3): 263-268. Ref. May 1973

084108 47.8 B77
Interrelationships between some traits pertaining to effeciency of food utilisation in turkeys. Friars, G W *Brit Poultry Sci* 14 (3): 269-277. May 1973

084109 47.8 B77
Water uptake by eggs of mallards & guinea fowl. [Ducks]. Board, R G *Brit Poultry Sci* 14 (3): 311-314. May 1973

084110 41.8 V643
Ear vein technique for estimation of haematocrit values of bovine blood. Oteng, A K *Brit Vet J* 129 (2): Xvii-xx. Mar/Apr 1973

084111 41.8 V643
Assessment of adrenal function in dogs. Campbell, J R *Brit Vet J* 129 (2): 134-145. Ref. Mar/Apr 1973

084112 41.8 V643
Exploratory behaviour & leadership in domesticated pig. Meese, G B *Brit Vet J* 129 (3): 251-259. Ref. May/June 1973

084113 41.8 V643
Rumen liquor pH [hydrogen-ion concentration] osmolality & volatile fatty acid changes in calves fed intensively on barley with hay added. Mullen, P A *Brit Vet J* 129 (3): 267-276. Ref. May/June 1973

084114 41.8 V643
A comparative study of thickness of stratum corneum in Nigerian breeds of cattle. Amakiri, S F *Brit Vet J* 129 (3): 277-281. Ref. May/June 1973

084115 41.8 V643
Effect of temperature & humidity on skin surface pH [Hydrogen-ion concentration] & ionic composition of skin secretions in Ayrshire cattle. Jenkinson, D Mc *Brit Vet J* 129 (3): 282-295. Ref. May/-June 1973

084116 470 C16E
Dog kidney phospholipids & question of renin inhibition. Tinker, D O *Can J Biochem* 51 (6): 863-875. Ref. June 1973

084117 41.8 C162
Effect of added serum & glucose, & some inherent factors, on phagocytosis in vitro by milk leukocytes from seveveral cows. Newbould, F H S *Can J Comp Med* 37 (2): 189-194. Apr 1973

084118 470 C16D
Parental calls & approach behavior of young canada geese: a laboratory study. Cowan, P J *Can J Zool* 51 (6): 647-650. Ref. June 1973

084119 385 C172
Digestion of polysaccharide constituents of tropical pasture herbage in bovine rumen. II. Spear grass (Heteropogon contortus). Dekker, R F H *Carbohyd Res* 27 (1): 1-4. Mar 1973

084120 QH607.A1C4
Nuclear morphology & nucleolar DNA synthesis during meiotic prophase in oocytes of chick (Gallus domesticus). Wylie, C C *Cell Differ* 1 (5/6): 325-334. Ref. Dec 1972

084121 QH607.A1C4
Membrane a major source of chromatin-associated RNA & non-histone proteins in avian erythroid cells. Harlow, R *Cell Differ* 1 (5/6): 341-349. Ref. Dec 1972

084122 QR180.C4
Survival & function of bursa-derived cells in bursectomized chickens. Kincade, P W *Cell Immunol* 8 (1): 93-102. Ref. July 1973

084123 412.9 C71Q
Study of Hungarian partridge adaptability. Hoffman, D M *Colo Dep Game Fish Parks Game Res Rep* w-37-R-25: 41-50. Apr 1972

084124 QH301.C63
Effects of prior exposure to animate objects on approach tendency in chicks. Saegert, S *Commun Behav Biol Part A Orig Artic* 8 (6): 749-754. Ref. June 1973

084125 444.8 C73
Appearance of creatine during early chick embryo develop ment. Ramirez, O *Compar Biochem Physiol* 45 (3B): 721-725. July 158 1973

084126 444.8 C73
Plasma enzyme levels & erythrocyte G6P-DH [glucose-6-phosphate dehydrogenase] activity in ducks & chicken. Narasimhan, T R *Compar Biochem Physiol* 45 (4B): 791-796. Ref. Aug 15, 1973

084127 444.8 C73
Structure of felidae hemoglobins & response to 2,3-diphosphoglycerate. [Cats]. Taketa, F *Compar Biochem Physiol* 45 (4B): 813-823. Ref. Aug 15, 1973

084128 444.8 C73
Nucleotides & organophosphates of cardiac, fast & slow muscles of chick during development. Radha, E *Compar Biochem Physiol* 45 (4B): 847-865. Ref. Aug 15, 1973

084129 44.8 C12
Rumen Protozoa big bugs. [Fermentation]. Loper, D C *Dairyman (Paramount)* 53 (7): 12-13. July 1973

084130 104 D41A
Proteolysis, absorption & excretion of immunoglobulin IgG1 in newborn calves. Kruse, V *Denmark Vet-landbohojsk Arsskr* 226: 173-205. Ref. 1973

084131 442.8 D49
Participation of embryonic genome during early clevage in rabbit. Manes, C *Develop Biol* 32 (2): 453-459. Ref. June 1973

084132 442.8 D49
A description of chick wing bud development & a model of limb morphogenesis. Stark, R J *Develop Biol* 33 (1): 138-153. Ref. July 1, 1973

084133 24 EA74
Effects of non-genetic factors on dairy cattle performance in East Africa. I. A fixed model procedure for season & parity influences. Kiwuwa, G H *East Afr Agr Forest J* 38 (3): 252-261. Jan 1973

084134 24 EA74
Effects of non-genetic factors on dairy cattle performance in East Africa. II. Testing for season & parity effects. Kiwuwa, G H *East Afr Agr Forest J* 38 (3): 262-272. Ref. Jan 1973

084135 24 EA74
Effects of non-genetic factors on dairy cattle performance in East Africa. III. Estimation of seasonal & parity differences. Kiwuwa, G H *East Afr Agr Forest J* 38 (3): 273-281. Ref. Jan 1973

084136 448.8 EN2
Change in level of LH [luteinizing hormone] in sera & pituitaries of ovariectomized & intact ewes at parturition. O'reilly, P J *Endocrinology* 92 (6): 1575-1578. Ref. June 1973

084137 448.8 EN2
Effect of thyroidectomy on secretion of prolactin & on plasma levels of thyrotropin, luteinizing hormone & growth hormone in lambs. Davis, S L *Endocrinology* 92 (6): 1736-1739. Ref. June 1973

084138 105.8 G36E
Effect of growth hormone on fattening performance, meat quality & various hematological criteria of swine. (Ger) Reuter, H *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 163-175. 1972

084139 QP501.E8
A comparative study of pig & sheep-brain glutamine synthetases: tryptic peptides & thiol groups. Rajagopal Rao, D *European J Biochem* 35 (3): 582-592. Ref. June 15, 1973

084140 QP501.E8
Effect of temperature on gel formation in pig-gastric mucus. Snary, D *European J Biochem* 36 (1): 72-75. Ref. July 2, 1973

084141 442.8 EX7
Acetic-orcein, a new stain for detection of constitutive heterochromatin in plant & animal chromosomes. Vosa, C G *Exp Cell Res* 79 (2): 463-465. June 1973

084142 475 EX7
Presence of high adenosine triphosphatase activity in lenses & erythrocytes of embryonic & young chicks. Gupta, J D *Experientia* 29 (6): 664-665. Ref. June 15, 1973

084143 475 EX7
Dispersed cell culture of bovine pars intermedia. Piezzi, R S *Experientia* 29 (6): 697-698. Ref. June 15, 1973

084144 TX341.F3
Suppressing heat periods could make beef heifer production more efficient. Roche, J F *Farm Food Res* 4 (2): 44-45. Mar/Apr 1973

084145 SF1.A4
Energy cost of activity in cattle. Christopherson, R J *Feeders' Day Dep Anim Sci Univ Alberta* 51St: 40-41. June 1972

084146 SF1.A4
Some effects of enforced exercise on pigs. Murray, D M *Feeders' Day Dep Anim Sci Univ Alberta* 51St: 7-9. June 1972

084147 SF1.A4
Sexual odor development in boars. Newell, J A *Feeders' Day Dep Anim Sci Univ Alberta* 52: 15-16. 1973

084148 SF1.A4
Some effects of cold on horses. Young, B A *Feeders' Day Dep Anim Sci Univ Alberta* 52: 21-23. 1973

084149 SF1.A4
Behaviour of steers & bulls in feedlot. Christopherson, R J *Feeders' Day Dep Anim Sci Univ Alberta* 52: 23-25. 1973

084150 SF1.A4
Effects of indoor & outdoor environments on beef calves. Christopherson, R J *Feeders' Day Dep Anim Sci Univ Alberta* 52: 40-43. 1973

084151 SF1.A4
Weaning & post-weaning stresses on beef calves. Young, B A *Feeders' Day Dep Anim Sci Univ Alberta* 52: 46-48. 1973

084152 SF1.A4
Some observations on weaning stress in beef calves. Christopherson, R J *Feeders' Day Dep Anim Sci Univ Alberta* 52: 48-49. 1973

084153 SF1.A4
Evaluation of methods for transportation of cattle by rail. [Stress]. Young, B A *Feeders' Day Dep Anim Sci Univ Alberta* 52: 49-52. 1973

084154 QD415.F4
Localization of beta bovine lactoglobulin in peptic sequence having a substitution Glu/Gln differentiating genetic variants B & D. (Fre) Brignon, G *FEbs Lett (fed Eur Biochem Soc)* 33 (1): 73-76. Ref. June 15, 1973

084155 43.8 G69
Why colostrum is necessary to a newborn calf. Nangia, O P *Gosamvardhana* 20 (8/9): 3-5. Nov/Dec 1972

084156 QC795.H4
14-meV neutron irradiation of swine; dosimetry & clinical response. Brown, D G *Health Phys* 24 (6): 627-636. Ref. June 1973

084157 SF604.H4
Study on liver & blood copper content of cattle in Macedonia & Thrace. (Gre) Spaes, A G *Hell Kteniatr Hell Vet Med* 15 (4): 173-181. Map. Ref. Eng. Sum. Oct/-Dec 1972

084158 SF604.H4
Outline of urinary system in dog by administration of an increased dose of a contrast agent & comparison of this method with currently employed classic technique. (Gre) Desires, A *Hell Kteniatr Hell Vet Med* 16 (1): 1-14. Eng. Sum. Jan/Mar 1973

084159 49.9 H57
Study on changes in body composition & carcass characters of beef cattle during fattening. 4. Growth & development of steers with advancement of age from (Jap) Yamazaki, T *Himeji Chugoku Agr Exp Sta Bull B* 19: 39-60. Ref. Eng. Sum. Nov 1972

084160 QP801.H7H65
Influence of gastrin on fecal & urinary excretion of water, calcium, magnesium, & inorganic phosphorus in sheep. Barlet, J P *Horm Metab Res* 5 (2): 124-128. Ref. Mar 1973

084161 QP801.H7H65
Comparison of carbohydrate utilization in running & shivering dogs. Minaire, Y *Horm Metab Res* 5 (2): 80-83. Ref. Mar 1973

084162 QP801.H7H65
Comparison of metabolic effects of short & medium even-chain fatty acids (C8 & C10) triglycerides & odd-chain fatty acid (C9) [carbon] triglycerides in dogs. Guisard, D *Horm Metab Res* 5 (3): 191-195. Ref. May 1973

084163 QP801.H7H65
Demonstration by immunofluorescence of lipotropic hormone0LPH in bovine, ovine & porcine adenohypophysis. Dubois, M P *Horm Metab Res* 5 (3): 229. May 1973

084164 448.3 IM62
Active sites of turtle & duck low molecular weight antibody to 2'4'dinitrophenol. Litman, G W *Immunochemistry* 10 (5): 323-329. Ref. May 1973

084165 448.3 IM62
Importance of lysyl residue in goat anti-dinitrophenyl antibodies modified by site-directed reagents. Weinstein, Y *Immunochemistry* 10 (5): 337-340. Ref. May 1973

084166 448.3 IM62
J chain in pig immunoglobulins. Zikan, J *Immunochemistry* 10 (5): 351-354. Ref. May 1973

084167 QP801.H7I57 1971
Spearation of phenylalanyl & alanyl chains of bovine & ovine growth hormones by electrofocusing. Ellis, S *In International Symposium on Growth Hormone, 2D, Milan, 19 71. Growth and Growth Hormone; Proceedings* P. 55-67. Ref. 1972

084168 QP801.H7I57 1971
Structural studies on bovine growth hormone. Fellows, R E *In International Symposium on Growth Hormone, 2D, Milan, 19 71. Growth and Growth Hormone; Proceedings* P. 42-54. Ref. 1972

084169 QP801.H7I57 1971
Studies oh primary structure of porcine growth hormone. Mills, J B *In International Symposium on Growth Hormone, 2D, Milan, 19 71. Growth and Growth Hormone; Proceedings* P. 38-41. Ref. 1972

084170 QP801.H7I57 1971
Studies on active fragments of bovine growth hormone. Sonenberg, M *In International Symposium on Growth Hormone, 2D, Milan, 19 71. Growth and Growth Hormone; Proceedings* P. 75-90. Ref. 1972

084171 QP246.S55 1967
Immunochemical analysis of transfer of certain proteins from blood into milk & colostrum. [Cattle]. (Rus) Popovich, D *In Simpozium po fiziologii i biokhimii laktatsii, 2D, L Eningrad, 1967. Fiziologiia i Biokhimiia Laktatsii* P. 139-149. Ref. 1972

084172 QP246.S55 1967
Regulating hormone-forming activity of adenohypophysis which supports secretion of milk. [Livestock]. (Rus) Tverskoi, G B *In Simpozium po fiziologii i biokhimii laktatsii, 2D, L Eningrad, 1967. Fiziologiia i Biokhimiia Laktatsii* P. 105-117. 1972

084173 QP246.S55 1967
On problem of qualitative evaluation of excitation of cow udder & milk secretory reflex. (Rus) Treger, F *In Simpozium po fiziologii i biokhimii laktatsii, 2D, L Eningrad, 1967. Fiziologiia i Biokhimiia Laktatsii* P. 150-154. Ref. 1972

084174 QP246.S55 1967
On problem of mechanism of inhibiting milk secretion in tissues of rat mammary gland with adrenalin in vitro. (Rus) Lis, M *In Simpozium po fiziologii i biokhimii laktatsii, 2D, L Eningrad, 1967. Fiziologiia i Biokhimiia Laktatsii* P. 127-133. Ref. 1972

084175 QP246.S55 1967
Higher nervous activity & lactation. [Livestock]. (Rus) Kokorina, E P *In Simpozium po fiziologii i biokhimii laktatsii, 2D, L Eningrad, 1967. Fiziologiia i Biokhimiia Laktatsii* P. 38-58. Ref. 1972

084176 QP246.S55 1967
Method of cannulating glandular part of mammary gland cistern relative to study of milk secretion. (Rus) Rishanek, D *In Simpozium po fiziologii i biokhimii laktatsii, 2D, L Eningrad, 1967. Fiziologiia i Biokhimiia Laktatsii* P. 154-159. 1972

084177 QP246.S55 1967
Certain factors of regulating functions of mammary glands. [Livestock]. (Rus) Grachev, I I *In Simpozium po fiziologii i biokhimii laktatsii, 2D, L Eningrad, 1967. Fiziologiia i Biokhimiia Laktatsii* P. 21-37. Ref. 1972

084178 QP246.S55 1967
Method of introducing fixed electrodes into hypophysis of cattle & effect of electrical excitation on milk secretion. (Rus) Ginek, B *In Simpozium po fiziologii i biokhimii laktatsii, 2D, L Eningrad, 1967. Fiziologiia i Biokhimiia Laktatsii* P. 149-150. 1972

084179 QP246.S55 1967
On problem of effect of oxytocin on milk secretion & its composition in cows. (Rus) Mielke, G *In Simpozium po fiziologii i biokhimii laktatsii, 2D, L Eningrad, 1967. Fiziologiia i Biokhimiia Laktatsii* P. 133-139. Ref. 1972

084180 QP246.S55 1967
Reflex theory of lactation. [Livestock]. (Rus) Baryshnikov, I A *In Simpozium po fiziologii i biokhimii laktatsii, 2D, L Eningrad, 1967. Fiziologiia i Biokhimiia Laktatsii* P. 7-20. Ref. 1972

084181 QH605.M43
Trisomy-3,4 & triploidy (3A-ZZZW) in chick embryos: autosomal & sex chromosomal nondisjunction in meiosis. Bloom, S E *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 1: 148-150. Ref. 1972

084182 QH605.M43
Feulgen-cytophotometric determination of DNA content in germ cell nuclei of female chicken embryo during premeiosis. Callebaut, M *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 4: 10-15. 1972

084183 41.8 IN22
Inheritance of part lactations in Murrah buffaloes. Kushwaha, G S *Indian J Anim Sci* 42 (10): 751-753. Oct 1972

084184 41.8 IN22
Phosphorus-milk phospholipid conversion factor: a note. Pruthi, T D *Indian J Anim Sci* 42 (10): 766-767. Oct 1972

084185 41.8 IN22
Effect of feeding antibiotics on ruminal volatile fatty acids in buffaloes. Gill, S S *Indian J Anim Sci* 42 (10): 776-778. Ref. Oct 1972

084186 41.8 IN22
Starch-gel electrophoresis of proteose-peptone, proteose & peptone from cow & buffalo mile. Majumder, G C *Indian J Anim Sci* 42 (10): 779-784. Ref. Oct 1972

084187 41.8 IN22
Effect of insulin on rumen motility, blood glucose & blood glucose & blood lactic acid in male bufflao-calves (Bubalua bubalia). Singh, R V *Indian J Anim Sci* 42 (10): 784-788. Ref. Oct 1972

084188 41.8 IN22
Effects of environmental factors on economic traits of Chokla sheep. 2. Effects on wool traits. Chaudhry, A L *Indian J Anim Sci* 42 (10): 814-818. Ref. Oct 1972

084189 41.8 IN22
Studies on pathology of combined melanic & lipofuscin pigmentation in ovine livers: a note. Kirshna, L *Indian J Anim Sci* 42 (10): 827-828. Oct 1972

084190 41.8 IN22
Studies on growth responses of cross-bred calves. 2. Comparative studies on growth rate, voluntary food consumption & utilization of nutrients in cross-bred calves. Katiyar, R C *Indian J Anim Sci* 42 (11): 869-872. Nov 1972

084191 41.8 IN22
Functional development of rumen in buffalo calves raised on calf starters. 2. Blood glucose level & volatile fatty acids in rumen liquor. Goel, V K *Indian J Anim Sci* 42 (11): 901-904. Ref. Nov 1972

084192 41.8 IN22
Pattern of blood plasma & urine magnesium in underfed lactating goats. Razifard, R *Indian J Anim Sci* 42 (11): 935-937. Nov 1972

084193 SF481.I5
Effect of administration of dichlorodiphenyl trichloroethane (DDT) in broilers. Mullick, B P S *Indian J Poultry Sci* 7 (4): 24-28. Ref. Oct/Dec 1973

084194 SF481.I5
Responses of birds in laying pauses to Vetoestrol injections; a short communication. Arneja, D V *Indian J Poultry Sci* 7 (4): 40-41. Oct/Dec 1973

084195 SF481.I5
Transaminase activities of tissues of day-old chick. Murti, T L *Indian J Poultry Sci* 7 (4): 42-44. Oct/Dec 1973

084196 SF481.I5
Egg production, egg weight & shape index of eggs laid by White Leghorn hens as influenced by variations in thyroid status. Gulati, D P *Indian J Poultry Sci* 8 (1): 36-40. Ref. Jan/Mar 1973

084197 47.8 IN22
Effect of month of hatch on growth rate of White Leghorn pullets. Quraishi, S R *Indian Poultry Gaz* 56 (4): 189-194. Ref. Dec 1972

084198 41.8 IN2
Myometrial histology of surti buffalo uterus during estrous cycle. Shukla, K P *Indian Vet J* 50 (3): 234-239. Mar 1973

084199 41.8 IN2
Haemoglobin-C in Kumaoni-Hill cattle. Singh, H *Indian Vet J* 50 (3): 239-251. Ref. Mar 1973

084200 340.8 IN8
Telemetry in animal biometeorology. [Horses, cats]. Folk, G E *Int J Biometeorol* 5 (2): 153-170. Ref. 1972

084201 381 J8223
Metabolic studies with chloropropylate acaricide in dairy cow. St. John, L E *J Agr Food Chem* 21 (4): 644-646. July/Aug 1973

084202 10 J822
Observations of effect of protein intake & stage of gestation on proportion of urinary nitrogen excreted as urea in sheep. Robinson, J J *J Agr Sci (London)* 80 (3): 363-368. Ref. June 1973

084203 10 J822
Effect of feeding water-soaked & dry wheat straw on feed intake, digestibility of nutrients & VFA [volatile fatty acid] production in growning zebu & buffalo calves. Chaturvedi, M L *J Agr Sci (London)* 80 (3): 393-397. June 1973

084204 10 J822
Effect of body-weight loss on composition of Brahman cross & Africander cross steers. II. Dissected components of dressed carcass. Seebeck, R M *J Agr Sci (London)* 80 (3): 411-423. Ref. June 1973

084205 10 J822
Effects of reproduction in sheep on rate of cell division & nucleic acid content of ruminal mucosa. Moon, S J *J Agr Sci (London)* 80 (3): 443-449. Ref. June 1973

084206 10 J822
A radiographic study of age changes in skull, mandible & teeth of pigs. Wenham, G *J Agr Sci (London)* 80 (3): 451-461. June 1973

084207 10 J822
Inhibition of muscle growth in foetal sheep. Swatland, H J *J Agr Sci (London)* 80 (3): 503-509. Ref. June 1973

084208 10 J822
Effects of single injections of progesterone on oestrous cycle length in ewes. Dixon, I W *J Agr Sci (London)* 80 (3): 525-527. June 1973

084209 S671.J62
Physiological response of broiler chickens as affected by different light conditions. Datta, A C *J Agric Eng* 9 (2): 44-49. June 1972

084210 447.8 J826
Ultrastructure of boundary tissue of seminiferous tubule in testis of domestic fowl (Gallus domesticus). Rothwell, B *J Anat* 114 (3): 321-328. Ref. Apr 1973

084211 447.8 J826
Ultrastructure of Sertoli cell & its defferentiation in domestic fowl (Gallus domesticus). Cooksey, E J *J Anat* 114 (3): 329-345. Ref. Apr 1973

084212 447.8 J826
Regional histology & fine structure of epididymal duct in golden hamster (Mesocricetus auratus). Nicander, L *J Anat* 114 (3): 347-364. Ref. Apr 1973

084213 49 J82
Evaluating relationships among immature measures of size, shape & performance of beef bulls. I. Principal components as measures of size & shape in young Hereford & Angus bulls. Brown, J E *J Anim Sci* 36 (6): 1010-1020. June 1973

084214 49 J82
Evaluating relationships among immature measures of size, shape & performance of beef bulls. II. relationships between immature measures of size, shape & feedlot traits in young beef bulls. Brown, C J *J Anim Sci* 36 (6): 1021-1031. Ref. June 1973

084215 49 J82
Carcass development in beef cattle subsequent to interrupted growth. Dockerty, T R *J Anim Sci* 36 (6): 1057-1062. June 1973

084216 49 J82
Influence of phenoxybenzamine & propranolol on blood serotonin & pH [hydrogen-ion concentration] plasma cortisol & M. [musculus] longissimus pH [hydrogen-ion concentration] & color in swine. Topel, D G *J Anim Sci* 36 (6): 1077-1080. Ref. June 1973

084217 49 J82
Increased metabolic clearance of cortisol by stress-susceptible swine. Marple, D N *J Anim Sci* 36 (6): 1139-1142. Ref. June 1973

084218 49 J82
Serum LH levels in bulls treated with synthetic luteinizing hormone-releasing hormone/follicle stimulating hormone-releasing hormone (1H-RH/FSH-RH). Golter, T D *J Anim Sci* 37 (1): 123-127. Ref. July 1973

084219 49 J82
Relation of estimation methd, sampling interval & milk composition to milk yield of beef cows & calf gain. Totusek, R *J Anim Sci* 37 (1): 153-158. Ref. July 1973

084220 49 J82
Effect of methionine hydroxy analog on bacterial protein synthesis from urea & glucose, starch or cellulose by rumen microbes, in vitro. Gil, L A *J Anim Sci* 37 (1): 159-163. ‡Ref. July 1973

084221 49 J82
Inhibitory effect of acid in intestine on rumen motility in sheep. Bruce, L A *J Anim Sci* 37 (1): 164-168. Ref. July 1973

084222 49 J82
Determination of energy source utilized by light horse. Goodman, H M *J Anim Sci* 37 (1): 56-62. Ref. July 1973

084223 49 J82
Chelated trace minerals for G-F swine. Owen, A A *J Anim Sci* 37 (1): 95-103. Ref. July 1973

084224 410 J828
Systems analysis of effect of application methods on entry of sulphur into pastures grazed by sheep. [Wool]. May, P F *J Appl Ecol* 10 (2): 607-626. Aug 1973

084225 475 J824
Gas chromatography of C1 to C5 fatty acids in rumen fluid & fermentation media. Ziolecki, A *J Chromatography* 80 (2): 250-254. June 13, 1973

084226 44.8 J823
Residual milk yield as affected by dose & time of injection of oxytocin. [Cows]. Thompson, P D *J Dairy Res* 40 (2): 221-227. Ref. June 1973

084227 44.8 J823
Casein micelle structure: susceptibility of various casein systems to proteolysis. Fox, P F *J Dairy Res* 40 (2): 229-234. Ref. June 1973

084228 44.8 J823
Basal levels of prolactin in goat blood measured throughout a 24-hour period by a rapid double antibody-solid phase radioimmunoassay. Hart, I C *J Dairy Res* 40 (2): 235-245. Ref. June 1973

084229 44.8 J823
Milk triglycerides: degree of non-random associations of fatty acids. Breach, R A *J Dairy Res* 40 (2): 273-287. Ref. June 1973

084230 44.8 J822
Effect of lactose content & milking interval on mammary blood flow. Mao, W *J Dairy Sci* 56 (6): 729-732. Ref. June 1973

084231 44.8 J822
Hormone induced lactation in bovine. I. Lactational performance following injections of 17beta-estradiol & progesterone. Smith, K L *J Dairy Sci* 56 (6): 738-743. Ref. June 1973

084232 44.8 J822
Effect of stress on serum zinc & plasma corticoids in dairy cattle. Wegner, T N *J Dairy Sci* 56 (6): 748-752. June 1973

084233 44.8 J822
Reduction of iodine transfer to milk of cows after perchldrate ingestion. Lengemann, F W *J Dairy Sci* 56 (6): 753-756. Ref. June 1973

084234 44.8 J822
Effect of methionine hydroxy analog on growth, amino acid content, & catabolic products of glucolytic rumen bacteria in vitro. Gil, L A *J Dairy Sci* 56 (6): 757-762. Ref. June 1973

084235 44.8 J822
Urea utilization by lactating cows. Clark, J H *J Dairy Sci* 56 (6): 763-774. Ref. June 1973

084236 44.8 J822
Characteristics of first lactations. Powell, R L *J Dairy Sci* 56 (6): 812-816. Ref. June 1973

084237 44.8 J822
Tracheal fistula technique for goats. Fujihara, T *J Dairy Sci* 56 (6): 820-821. June 1973

084238 44.8 J822
Isolation & characterization of intracellular lipid droplets from bovine mammary tissue. Hood, L F *J Dairy Sci* 56 (7): 858-863. July 1973

084239 44.8 J822
Influence of large doses of oxytocin on milk ejection & metabolic rate of rat mammary gland. Kuhn, E R *J Dairy Sci* 56 (7): 864-868. Ref. July 1973

084240 44.8 J822
Mammary blood flow & glucose uptake in lactating cows given dexamethasone. Hartmann, P E *J Dairy Sci* 56 (7): 896-902. Ref. July 1973

084241 44.8 J822
Glucose redistribution in lactating cows given dexamethasone. Kronfeld, D S *J Dairy Sci* 56 (7): 903-908. Ref. July 1973

084242 44.8 J822
Error in estimation of contained milk volume in dairy goat with cerium-141. Sagan, C E *J Dairy Sci* 56 (7): 935-938. July 1973

084243 44.8 J822
Column chromatography of 2-aminoethylphosphonic acid. Mackie, R I *J Dairy Sci* 56 (7): 939-940. July 1973

084244 44.8 J822
Herd-level methods for age adjustment of milk yields. [Dairy cattle]. Hickman, C G *J Dairy Sci* 56 (7): 947-951. July 1973

084245 44.8 J822
A recent study of age adjustment. [Lactation]. Miller, P *J Dairy Sci* 56 (7): 952-958. July 1973

084246 44.8 J822
Merits & problems of adjusting to other than mature age. McDaniel, B T *J Dairy Sci* 56 (7): 959-967. Ref. July 1973

084247 442.8 J829
Influence of 'hypophysectomy' by means of surgical decapitation on skeletal growth in developing chick embryo. Thommes, R C *J Embryol Exp Morphol* 29 (3): 503-513. Ref. June 1973

084248 442.8 J829
Influence of 'hypophysectomy' on bone growth & alkaline phosphatase activity in chick embryo. McWhinnie, D J *J Embryol Exp Morphol* 29 (3): 515-527. Ref. June 1973

084249 442.8 J829
Control of muscle & cartilage development in chick limb: role of differential vascularization. Caplan, A I *J Embryol Exp Morphol* 29 (3): 571-583. Ref. June 1973

084250 442.8 J829
Immunochemical analysis of chick phosvitin. Carinci, P *J Embryol Exp Morphol* 29 (3): 713-719. Ref. June 1973

084251 442.8 J829
Chronological changes in cell cycle of chick neuroepithelial cells. Wilson, D B *J Embryol Exp Morphol* 29 (3): 745-751. Ref. June 1973

084252 448.8 J8293
P02[phosphorus dioxide] PC02[phosphorus carbondioxide] pH[hydrogen-ion concentration] & oxygen content of ovarian venous blood of sheep. Baird, D T *J Endocrinol* 57 (3): 405-411. Ref. June 1973

084253 QP1.J725
Immunological relations between egg proteins & blood serum & tissue proteins of chick embryos & adult chickens. Khristov, D I *J Evol Biochem Physiol* 8 (5): 445-449. Ref. Sept/Oct 1972 (Transl 1973)

084254 QP1.J725
Carbohydrate composition & some properties of canine prothrombin. Zubairov, D M *J Evol Biochem Physiol* 8 (5): 450-453. Ref. Sept/Oct 1972 (Transl 1973)

084255 QP1.J725
Effect of visual cortex on evoked potentials of superior colliculus of corpora quadrigemina of rabbits in ontogenesis. Pisareva, N L *J Evol Biochem Physiol* 8 (5): 477-481. Ref. Sept/Oct 1972 (Transl 1973)

084256 QP1.J725
Peripheral reflexes of sympathetic ganglia in early postnatal ontogenisis of cats. Elshina, M A *J Evol Biochem Physiol* 8 (6): 541-545. Ref. Nov/Dec 1972 (Transl 1973)

084257 389.8 F7322
Tissue distribution & metabolism of aflatoxin B1-14C [carbon] in layer chickens. Mabee, M S *J Food Sci* 38 (4): 566-570. Ref. May/June 1973

084258 442.8 AM3
Observations of dictyotene figures from canine ovary. Williams, D L *J Hered* 64 (2): 104-105. Mar/Apr 1973

084259 389.8 J82
Effect of vitamin E & selenium on tissue antioxidant status of rats. Chen, L H *J Nutr* 103 (4): 503-508. Ref. Apr 1973

084260 389.8 J82
Effect of chromium & tungsten on L-ascorbic acid metabolism in rats & chicks. Chatterjee, G C *J Nutr* 103 (4): 509-514. Ref. Apr 1973

084261 389.8 J82
Absorption & secretion of fatty acids & bile acids in intestine of laying fowl. Hurwitz, S *J Nutr* 103 (4): 542-547. Ref. Apr 1973

084262 389.8 J82
Antiselenium activity of tri-o-cresyl phosphate in rats & Japanese quail. Shull, L R *J Nutr* 103 (4): 560-568. Ref. Apr 1973

084263 389.8 J82
Intestinal absorption of phosphate in chick: effect of vitamin D3 & other parameters. Wasserman, R H *J Nutr* 103 (4): 586-599. Ref. Apr 1973

084264 389.8 J82
Food intake regulation: amino acid toxicity & changes in rat brain & plasma amino acids. Peng, Y *J Nutr* 103 (4): 608-617. Ref. Apr 1973

084265 389.8 J82
Influence of dietary protein & carbohydrate levels on liver enzyme activities in quail. Featherston, W R *J Nutr* 103 (4): 625-634. Ref. Apr 1973

084266 389.8 J82
Conversion of arginine to proline in chick. Austic, R E *J Nutr* 103 (7): 999-1007. Ref. July 1973

084267 447.8 J82
Influence of body core temperature & peripheral temperatures on oxygen consumption in pig. Carlisle, H J *J Physiol (london)* 231 (2): 341-352. Ref. June 1973

084268 447.8 J82
Effects of heating & cooling spinal cord & hypothalamus on thermoregulatory behaviour in pig. Carlisle, H J *J Physiol (london)* 231 (2): 353-364. Ref. June 1973

084269 447.8 J82
Phosphate excretion in laying hen (Gallus domesticus). Martindale, L *J Physiol (london)* 231 (3): 439-453. Ref. June 1973

084270 442.8 J8222
Division of uterine vein & function of adjacent ovary in ewe. Baird, D T *J Reprod Fertil* 33 (3): 393-397. Ref. June 1973

084271 442.8 J8222
Synergistic effects of testosterone & oestrogens on accessory sex glands & sexual behaviour of boar. Joshi, H S *J Reprod Fertil* 33 (3): 411-423. Ref. June 1973

084272 442.8 J8222
Autonomic nervous system & oviduct function in rabbit. I. Hormones & contraction. Howe, G R *J Reprod Fertil* 33 (3): 425-430. Ref. June 1973

084273 442.8 J8222
Effect of intrauterine injections of iodine solution on duration of oestrous cycle in cows. Grunert, E *J Reprod Fertil* 33 (3): 497-499. Ref. June 1973

084274 41.8 V6446
Histological studies in insertion of tendon on distal phalanx of horse. Otomo, K *Jap J Vet Res* 21 (1/2): 1-14. Ref. Apr 1973

084275 49 N62
Clucose utilization & gluconeogenesis in ruminant. (Jap) Ambo, K *Jap J Zootech Sci* 44 (4): 189-200. Ref. Apr 1973

084276 49 N62
Urinary excretion of noradrenaline & adrenaline in sheep before, during & after cold exposure. Sasaki, Y *Jap J Zootech Sci* 44 (4): 222-231. Ref. Apr 1973

084277 49 N62
Effect of heat exposure on urinary excretion of noradrenaline & adrenaline in sheep. Sasaki, Y *Jap J Zootech Sci* 44 (5): 248-2579 ref. May 1973

084278 49 N62
Fatty change in skeletal muscle fibers in starved sheep. Suzuki, A *Jap J Zootech Sci* 44 (5): 258-265. Ref. May 1973

084279 47.8 N57
Effect of length of daily light periods on diurnal feeding activity of laying hens. Fujita, H *Jap Poultry Sci* 10 (3): 123-128. June 1973

084280 47.8 N57
Effect of lighting on bi-monthly hatched egg layers. (Jap) Tanifuji, T *Jap Poultry Sci* 10 (3): 129-135. June 1973

084281 41.8 K67
Length growth of humerus, os femoris & tibia of dog. (Ger) Henschel, E *Kleintier-praxis* 18 (4): 98, 100-103. Ref. June 1973

084282 509 L532
Maximum nitrogen retention capacity of growing swine as related to their liveweight. (Ger) Gebhardt, G *Leipzig Karl-marx-univ Wiss Z* 22 (3): 225-233. Ref. 1973

084283 509 L532
Amino acid retention in rats. (Ger) Kohler, R *Leipzig Karl-marx-univ Wiss Z* 22 (3): 277-286. Ref. 1973

084284 49 L758
'bRD' [bovine respiratory disease] means more loss than any other disease. Heuschele, W P *Livestock Breeder J* 16 (7): 90-92. July 1973

084285 41.8 V644
Period of protein-absorbing ability. (Hun) Baintner, K *Magyar Allatorv Lapja* 28 (4): 177-181. Ref. Eng. Sum. Apr 1973

084286 41.8 V644
Investigation on matabolism of newborn & young piglets. (Hun) Kovacs, F *Magyar Allatorv Lapja* 28 (4): 182-187. Ref. Eng. Sum. Apr 1973

084287 41.8 M463
Etienne Geoffroy Saint-Hilaire (1772-1844) 200 years anniversary of anatomist & co-author of teratology. [Animals]. (Pol) Szuba, Z *Med Wet* 29 (4): 245-246. Apr 1973

084288 41.8 M463
Preliminary observations on titer of spermagglutinis in sera of cows & heifers of Black & Hwite breed. (Pol) Strzezek, J *Med Wet* 9 (4): 236-239. Ref. Eng. Sum. Apr 1973

084289 41.8 M742
Effects of different latency duration in milk ejection reflex between cows of one & some herd upon automatic milking stimulation. (Ger) Thalheim, C *Monatsh Veterinarmed* 28 (10): 371-375. Ref. Eng. Sum. May 15, 1973

084290 41.8 M742
Histological & chemical studies into tuber coxae spongi-s& samples obtained by biopsy of cows in an imission area. (Ger) Seffner, W *Monatsh Veterinarmed* 28 (10): 384-387. Ref. Eng. Sum. May 15, 1973

084291 44.8 M74
Certain aspects from reports on biochemistry of rumen & milk production. [Cattle]. (Ita) Piva, G *Mondo Latte* 27 (3): 172-175. Mar 1973

084292 443.8 M98
Radiation-induced aberrations in aneuploid vs. diploid swine leukocytes. McFee, A F *Mutation Res* 18 (3): 311-314. Ref. June 1973

084293 500 N21P
Purification & properties of ribonuclease H of calf thymus. Stavrianopoulos, J G *Nat Acad Sci Proc* 70 (7): 1959-1963. Ref. July 1973

084294 45.8 N21N
Probing secrets of fetal immunity. [Sheep]. Silverstein, A M *Nat Wool Grower* 63 (6): 16-17. June 1973

084295 474 N213
Halogenated hydrocarbon induced reduction in coupling parameters of rabbit liver & mung bean mitochondria. Van Auken, O W *Naturwissenschaften* 60 (5): 259. May 1973

084296 41.8 N813
Observations on fine structure of bovine sweat glands. Prasad, G *Nord Vet Med* 25 (3): 163-167. Mar 1973

084297 41.8 N922
Hormonal & metabolic variations induced by training in trotter horses. (Ita) Seren, E *Nuova Vet* 48 (6): 332-346. Ref. Eng. Sum. Nov/Dec 1972

084298 107.6 SA23
Effects of prolactin on ovarian progestin secretion of hypophysectomized rats. Eto, T *Osaka Univ Bull Ser B Agr Biol* 24: 1-5. Ref. Mar 1972

084299 107.6 SA23
Ovarian progestin secretion after enucleation or re-implantation of a hypophyseal graft in hypophysectomized rats. Eto, T *Osaka Univ Bull Ser B Agr Biol* 24: 7-12. Ref. Mar 1972

084300 QP1.P4
Brain temperature as related to gross motor activity in unanesthetized chicken. Aschoff, J *Physiol Behav* 10 (3): 529-533. Ref. Mar 1973

084301 QP1.P4
A method for construction & use of contact occluders for small animals. [Vision]. Bonnet, K A *Physiol Behav* 10 (3): 623-625. Mar 1973

084302 QP1.P4
A meter suitable for long-term activity studies on small animals. Tuddenham, A *Physiol Behav* 10 (3): 637-639. Mar 1973

084303 41.8 P76
Structure and topography of the centres of the sympathetic system of the spinal cord in the sheep. (Pol) Fleiger, S *Pol Arch Weter* 15 (3): 623-639. Ref. Eng. Sum. 1972

084304 41.8 P76
Structure and topography of the centres of the parasympathetic system of the spinal cord in the sheep. (Pol) Slowomirski, J *Pol Arch Weter* 15 (3): 641-656. Ref. Eng. Sum. 1972

084305 19.5 P752
Obtaining wool with chemical preparation. (Slo) Gabris, J *Pol'nohospodarstvo* 19 (3): 202-209. Eng. Sum. 1973

084306 19.5 P752
Effect of breed on course of growth phases of fattening bull calves. (Slo) Chrenek, J *Pol'nohospodarstvo* 19 (3): 218-222. Eng. Sum. 1973

084307 SF481.P64
How heat stress affects broilers. Rinehart, K E *Poult Guide* 10 (4): 22-24. Apr 1973

084308 47.8 AM33P
Calcium metabolism in laying hen. 6. Shell quality in relation to time of oviposition. Roland, D A *Poultry Sci* 52 (2): 506-510. Ref. Mar 1973

084309 41.8 P882
Tolerance & reabsorption study of betamethason after intravenous application. [Horses]. (Ger) Treppenhauer, H J *Prakt Tierarzt* 54 (7): 287-290. July 1, 1973

084310 QD415.A1P7
Rapid induction of ferritin in laboratory animals prior to its isolation. Avol, E *Prep Biochem* 3 (3): 279-290. Ref. 1973

084311 334.8 R11
Enhancement of template activity of calf thymus & rat liver chromatin by gamma-irradiation. Mee, L K *Radiat Res* 54 (3): 539-548. June 1973

084312 49 P943
Hen running in second egg-laying period. (Rum) Mihailov, M *Rev Zootech Med Vet* 23 (4): 41-47. Apr 1973

084313 49 P943
Eosin test used as a means for determining cattle adaptation syndrome. (Rum) Praisler, P *Rev Zootech Med Vet* 23 (4): 48-55. Ref. Eng. Sum. Apr 1973

084314 20.5 R59 SER. B
Protein & energy retention of growing geese. (Pol) Znaniecka, G *Rocz Nauk Roln Ser B Zootech* 94 (3): 107-114. Ref. Eng. Sum. 1972

084315 20.5 R59 SER. B
Permanent intestinal fistulae for study of digestion in pigs. II. Establishment of simple fistula of small intestine. (Pol) Horszczaruk, F *Rocz Nauk Roln Ser B Zootech* 94 (3): 99-105. Eng. Sum. 1972

084316 41.8 SCH9
Substrata histochemistry of epithelium layer of saccus caecus ventriculi in horse. (Ger) Wille, K H *Schweiz Arch Tierheilk* 115 (6): 269-278. Ref. Eng. Sum. June 1973

084317 S13.S55
Activity of transamination enzymes in swine of Kemerovo & Landrace breeds & their crosses. (Rus) Kovaleva, N A *Sib Vestn S-kh Nauk* 2: 57-61. Ref. Mar/Apr 1973

084318 S13.S55
Sturctural features of hide of Yakut & Simmental cattle & their crosses. (Rus) Prasolova, L A *Sib Vestn S-kh Nauk* 2: 62-68. Ref. Mar/Apr 1973

084319 S13.S55
Effect of different rations on certain indexes of ruminal digestion & metabolism in calves. (Rus) Guglia, V G *Sib Vestn S-kh Nauk* 2: 68-72. Mar/Apr 1973

084320 442.9 SO1
Strontium-calcium discrimination during placental transfer & fetal uptake in rats: effect of gestation duration. Hartsook, E W *Soc Exp Biol Med Proc* 143 (2): 343-349. Reef. June 1973

084321 442.9 SO1
Metabolic responses induced in neonatal swine by norepinephrine, epinephrine, & isoproterenol. Stanton, H C *Soc Exp Biol Med Proc* 143 (2): 492-494. Ref. June 1973

084322 442.9 SO1
Effect of age on water metabolism in hens. Lopez, G A *Soc Exp Biol Med Proc* 143 (2): 545-547. June 1973

084323 442.9 SO1
Avian neurotransmitter. [Chickens]. Sturkie, P D *Soc Exp Biol Med Proc* 143 (3): 644-646. Ref. July 1973

084324 511 AK146
Changes in muscle tone of cat's forelimbs during rotation in sagittal plane before & after labyrinthectomy. (Rus) Biriukova-Erogina, M A *Soobshch Akad Nauk Gruz SSr* 70 (2): 457-460. Ref. Eng. Sum. May 1973

084325 511 AK146
On functional organization of alimentary centre in dog's lateral hypothalamus. (Rus) Asatiani, A V *Soobshch Akad Nauk Gruz SSr* 70 (2): 461-464. Eng. Sum. May 1973

084326 41.8 SO82
Puppy socialization & behavorial development. Beaver, B G *Southwest Vet* 26 (2): 133-134. Winter 1973

084327 41.8 SO82
Radiographic anatomy of normal canine abdomen. Morris, E L *Southwest Vet* 26 (2): 97-101. Winter 1973

084328 46.9 SV2
Can inverted nipples be functional? [Swine]. (Swe) Thorsson, S *Svinskotsel* 63 (5): 10. May 25, 1973

084329 S590.T42
Research on effects of trinitrotoluene on growth of chickens for meat. (Per) Hassaneyn, A *Teheran Univ Fac Agron Publ* 4 (1/2): 10-22. Ref. Sept 1972

084330 S590.T42
Effects of goitrogenic & antigoitrogenic substances in animal metabolism. (Per) Nikkhah, A *Teheran Univ Fac Agron Publ* 4 (1/2): 23-32. Ref. Eng. Sum. Sept 1972

084331 HD1975.A6T4
Mechanism in absorption & secretion of lipids in cells of mammals. (Ita) Sangiorgi, G *Terra Pugliese* 22 (2/3): 11-14. Ref. Feb/Mar 1973

084332 8 T445
Lactation & weaning of sheeps. (Spa) Sales, L S *Tierra (mexico)* 28 (5): 324-326. May 1973

084333 513 T571C
Wound healing of cornea in chick embryo. I. Factors affecting migration of corneal epithelium. Takeuchi, S *Tokyo Univ Fac Sci J Sect Iv Zool* 12 (3): 439-447. Dec 1972

084334 513 T571C
Wound healing of cornea in chick embryo. II. stromal wound bed as a substratum for epithelial migration. Takeuchi, S *Tokyo Univ Fac Sci J Sect Iv Zool* 12 (3): 449-456. Dec 1972

084335 407 G29PR
Geochemical anomalies of a claypit area, Callaway County, Missouri, & related metabolic imbalance in beef cattle. Ebens, R J *U S Geol Surv Prof Pap* 807, 24 P. Map. Ref. 1973

084336 41.8 J93
Study of colloid-osmotic pressure (COP) of blood serum proteins in cattle & swine by indirect method after Keys. II. Colloid-osmotic pressure in swine. (Cro) Stamatovic, S M *Vet Glas* 26 (11): 807-813. Ref. Eng. Sum. 1972

084337 41.8 J93
Effect of erythropoietin on erythropoiesis of fasting poultry of both sexes. (Cro) Rusov, C *Vet Glas* 26 (11): 821-825. Ref. Eng. Sum. 1972

084338 41.8 J93
Purification of sheep immunoglobulins. (Cro) Jovanovic, B *Vet Glas* 26 (12): 881-885. Eng. Sum. 1972

084339 41.8 J93
Effect of different quantities of vitamin 'A' given to sows on concentration of vitamin 'A' in serum of piglets. (Cro) Sevkovic, N *Vet Glas* 26 (12): 887-892. Ref. Eng. Sum. 1972

084340 41.8 J93
Contribution to knowledge of frequency & prevention of retention of afterbirth in cows with application of calcium borogluconicum before calving. (Cro) Madzirov, Z *Vet Glas* 26 (12): 899-905. Ref. Eng. Sum. 1972

084341 41.8 J93
Effect of ascorbic acid on body gain & feed conversion in fattering swine. (Cro) Sevkovic, N *Vet Glas* 27 (1): 11-15. Ref. Eng. Sum. 1973

084342 41.8 J93
Investigations on blood volume in chicks using radioactive chromium. (Cro) Rusov, C *Vet Glas* 27 (1): 31-35. Ref. Eng. Sum. 1973

084343 41.8 J93
Contribution to study of red blood cells picture & erythrocyte sedimentation rate in swine. (Cro) Stamatovic, S M *Vet Glas* 27 (3): 165-173. Ref. Eng. Sum. 1973

084344 41.9 C333
Changes in rumen liquor dehydrogenase activity in bovine acidosis ingestae ruminis. (Cze) Jagos, P *Vet Med (prague)* 18 (1): 1-7. Eng. Sum. Jan 1973

084345 41.9 C333
Lytic acting of some fluids of sexual tract cattle & swine on erythrocytes of hens. (Cze) Petrovsky, E *Vet Med (prague)* 18 (1): 53-62. Eng. Sum. Jan 1973

084346 41.9 C333
A method of quantitative determination of reduction activity (dehydrogenase activity in rumen liquor of cattle based on use of triphenyltetrazoliumchloride (TTC). (Aze) Horirek, B *Vet Med (prague)* 18 (1): 9-16. Ref. Eng. Sum. Jan 1973

084347 41.9 C333
Metabolic cholesterol return in pullets determined by a single application of cholesterol-26-14C. [carbon]. (Cze) Bobek, P *Vet Med (prague)* 18 (2): 103-109. Ref. Eng. Sum. Feb 1973

084348 41.9 C333
Levels of oxytetracycline in blood serum of calves, piglets & dogs after application of Oxymykoin SPOFA plv. solub. ad usum vet. (Cze) Dvorak, M *Vet Med (prague)* 18 (2): 75-80. Eng. Sum. Feb 1973

084349 41.9 C333
Nuclear volume & cellular activity of gonadotropic cells of adenohypophysis following bilateral ovariectomy. [Sheep]. (Slo) Arendarcik, J *Vet Med (prague)* 18 (2): 81-93. Ref. Eng. Sum. Feb 1973

084350 41.8 V641
Intestinal defence in young pig: a review of secretory antibody systems & their possible role in oral immunisation. Porter, P *Vet Rec* 92 (25): 658-664. Ref. 1973

084351 41.8 V641
Measurement of specific gravities in dog urine by refractometry. Harvey, D G *Vet Rec* 92 (25): 671-673. 1973

084352 41.8 V641
Experiments on low-temperatures preservation of cow embryos. Wilmut, I *Vet Rec* 92 (26): 686-690. Ref. June 30, 1973

084353 41.8 V641
A nutritional monitoring system for dairy herds based on blood glucose, urea & albumin levels. [Cattle]. Blowey, R W *Vet Rec* 92 (26): 691-696. Ref. June 30, 1973

084354 41.8 V6494
Effect of glucocorticoids on blood picture & fertility of cows with retained placenta. (Cro) Kudlac, E *Veterinaria (Sarajevo)* 21 (3): 305-316. Ref. Eng. Sum. 1972

084355 41.8 V6494
Normal values of cholinesterase activity in piglets of different breeds. (Cro) Hadzovic, S *Veterinaria (Sarajevo)* 21 (3): 361-364. Ref. Eng. Sum. 1972

084356 41.8 V6494
Comparative examinations of urastrat test strips with special reference to urea values in blood sera of swine. (Cro) Anojcic, B *Veterinaria (Sarajevo)* 21 (3): 365-369. Ref. Eng. Sum. 1972

084357 41.8 V6494
Experimental basophilia in dogs, sheep & rabbits. (Cro) Begovic, S *Veterinaria (Sarajevo)* 21 (4): 447-458. Ref. Eng. Sum. 1972

084358 41.8 V6494
Contribution to study of hypothermia with special reference to reactive ability of heart muscle. [Rats]. (Cro) Radulovic, J *Veterinaria (Sarajevo)* 21 (4): 459-469. Ref. Eng. Sum. 1972

084359 41.8 V6494
Normal values of cholinesterase activity in individual organs & tissues of male & female calves. (Cro) Brankov, K *Veterinaria (Sarajevo)* 21 (4): 477-480. Ref. Eng. Sum. 1972

084360 41.8 V6494
A contribution to knowledge of metabolism of carotene & seasonal dynamics of vitamin A in buffalo (Bos bubalis). (Cro) Irbrovic, M *Veterinaria (Sarajevo)* 21 (4): 511-515. Ref. Eng. Sum. 1972

084361 41.8 V6439
Histomorphological changes in oviduct structure in sows of different age. (Cze) Pivko, I *Veterinarstvi* 23 (2): 76-77. 1973

084362 41.8 T345
Polymorphism of 6-PGD [glucose-6-phosphate dehydrogenase] in pig-erythrocytes. (Ger) Kramser, P *Wien Tierarztl Monatsschr* 60 (5): 174-176. Eng. Sum. May 1973

084363 47.8 W89
Avian caeca; a review. [Domestic fowl]. McNab, J M *Worlds Poultry Sci J* 29 (3): 251-263. Ref. July/Sept 1973

084364 389.78 Z3
Test series with general microbiological assay in order to detect antibiotic residues. [Swine, cattle]. (Ger) Bruggemann, J *Z Tierphysiol Tierernahr Futtermittelkunde* 31 (4): 171-182. Eng. Sum. May 1973

084365 389.78 Z3
In vitro studies on amino acid absorption. II. Different amino acid transport pattern in rat jejunum & ileum. (Ger) Scharrer, E *Z Tierphysiol Tierernahr Futtermittelkunde* 31 (4): 200-210. Ref. Eng. Sum. May 1973

084366 410 Z35
Contributions on social rank & milking order in cows. (Ger) Reinhardt, V *Z Tierpsychol* 32 (3): 281-292. Ref. Eng. Sum. May 1973

084367 41.8 Z5
Lactate, pyruvat, glucose & hydrogen ions in venous blood of riding horses at different stages of training. (Ger) Engelhardt, W V *Zentralbl Veterinarmed Reihe A* 20 (3): 173-187. Ref. Eng. Sum. Apr 1973

084368 41.8 Z5
Heart frequency during standardised exercise as a measure of working capacity of horses. (Ger) Ehrlein, H J *Zentralbl Veterinarmed Reihe A* 20 (3): 188-208. Ref. Eng. Sum. Apr 1973

084369 41.8 Z5
Analysis of movement of trotting horses by means of ungulography. (Ger) Bayer, A *Zentralbl Veterinarmed Reihe A* 20 (3): 209-221. Ref. Eng. Sum. Apr 1973

084370 41.8 Z5
Studies on function of fore-stomach in Muridae. 1. passage of solid & fluid food material, pH [Hydrogen ion-concentration] & alpha amylase activity in fore-stomach of rat. (Ger) Peters, K *Zentralbl Veterinarmed Reihe A* 20 (3): 233-243. Ref. Eng. Sum. Apr 1973

084371 41.8 Z5
Oviducts of Egyptian cow in health & disease. Afiefy, M M *Zentralbl Veterinarmed Reihe A* 20 (3): 256-264. Ref. Apr 1973

084372 41.8 Z5
Studies on evaluation of actual endurance of trotting horses. (Ger) Krzywanek, H *Zentralbl Veterinarmed Reihe A* 20 (4): 265-276. Ref. Eng. Sum. May 1973

084373 41.8 Z5
On transferrin concentration in blood serum of growing calves & in bovine colostrum. Martinsson, K *Zentralbl Veterinarmed Reihe A* 20 (4): 277-284. Ref. May 1973

084374 41.8 Z5
Composition of bovine udder secretion during first half of dry period. Ziv, G *Zentralbl Veterinarmed Reihe A* 20 (4): 285-291. Ref. May 1973

084375 41.8 Z5
Studies on pigments of non-gravid uterus & foetal placenta of sheep. II. Fluorescence-histochemical study of acid mucopolysaccharide in pigment. (Ger) Gadev, C *Zentralbl Veterinarmed Reihe A* 20 (4): 305-313. Ref. Eng. Sum. May 1973

084376 41.8 Z5
Cell picture of cerebro-spinal fluid in normal pig & after subarachnoid injection of latex. (Ger) Schmidt, U *Zentralbl Veterinarmed Reihe A* 20 (4): 332-340. Ref. Eng. Sum. May 1973

084377 49 Z6
Estrogene activity in grass of cultivated, irrigated, fertilized pastures. (Rus) Golovin, B V *Zhivotnovodstvo* 5: 85-88. May 1973

084378 49.9 C33
Carcass characteristics of various types of ducks. (Cze) Hudsky, Z *Zivocisna Vyroba* 18 (1): 65-72. Eng. Sum. Jan 1973

084379 49.9 C33
Effect of milking in milking sheds on production of milk & fat. (Slo) Jurco, V *Zivocisna Vyroba* 18 (2): 107-112. Eng. Sum. Feb 1973

084380 49.9 C33
Determination of corrected relative milk yield of herds, of its variability & of its relation to total milk yield. (Cze) Holl, C *Zivocisna Vyroba* 18 (2): 113-123. Eng. Sum. Feb 1973

084381 49.9 C33
Relation of physical frame of cows to meat efficiency of their sons. (Cze) Zemanek, F *Zivocisna Vyroba* 18 (2): 125-134. Ref. Eng. Sum. Feb 1973

084382 49.9 C33
Milk efficiency of cows of an age of up to 5 years in case of early covered heifers. (Cze) Miksik, J *Zivocisna Vyroba* 18 (2): 85-92. Ref. Eng. Sum. Feb 1973

084383 49.9 C33
Effect of early covering of heifers on difficulty of parturition & on course of puerperium. (Cze) Zaoral, J *Zivocisna Vyroba* 18 (2): 93-98. Eng. Sum. Feb 1973

084384 49.9 C33
Milkability of cows with a high total milk yield. (Cze) Suchanek, B *Zivocisna Vyroba* 18 (2): 99-106. Eng. Sum. Feb 1973

084385 410 Z751Z
Increase of radiation tolerance of developing chick enbryo by pre-irradiation. (Ger) Wendt, E *Zool Jahrbucher Abt Allg Zool Physiol Tiere* 77 (2): 233-245. Ref. Eng. Sum. 1973

084386 SF105.A1Z8
Reactivity of ovary of prepubertal & sexually mature gilts to pregnant mare's serum/chorionic gonadotrophin hormone preparations. (Ger) Schilling, E *Zuchthygiene* 8 (2): 49-54. Ref. Eng. Sum. June 1973

LIVESTOCK FEEDING

084387 41.8 V6447
Influence of urea supplementation of maize/dried sugar beet pulp diets on metabolisn in rumen of growing beef cattle. Nikolic, J A *Acta Vet (Beograd)* 22 (5): 223-230. Ref. 1972

084388 41.8 AC87
Effects of feeding peptide-precipitating lignosulphonic acids in various concentrations to growing pigs. Naess, B *Acta Vet Scand* 14 (1): 147-159. Ref. 1973

084389 41.8 AC87
Nutritive value for growing pigs of single cell protein (Saccharomyces cerevisiae) produced from sulphite spent liquor. Naess, B *Acta Vet Scand* 14 (1): 160-167. Ref. 1973

084390 256.13 AG82M
High quality silage. McCullough, Ii *Agric North Irel* 48 (1): 2-4. May 1973

084391 256.13 AG82M
Trace elements in farm animals. [Feeding]. McParland, P J *Agric North Irel* 48 (1): 32-33. May 1973

084392 256.13 AG82M
Finishing suckled calves. Wilkinson, J *Agric North Irel* 48 (1): 9-14. May 1973

084393 S1.A29
A feeding program for summer. [Dairy cattle]. (Fre) Bernard, L A *Agric Prog* 5 (4): 27-29. May 1973

084394 15 AG84
Grass & its nutritive value. (Spa) Fuenties Sanchez, C *Agric Rev Agropecu* 45 (492): 200-204. Ref. Apr 1973

084395 16 AG8229
Ways in keeping present during feeding of some categories of cattle. (Ita) Manfredi, D *Agric Spezia* 21 (2): 25-26. Feb 1973

084396 16 AG8229
Certain accuracy adhered to present livestock nutrition (especially in cattle). (Ita) Sondrio, G *Agric Spezia* 21 (3): 38-40. Mar 1973

084397 21.5 AG84
Effect of simultaneous addition of copper & zinc to rations on performance of growing – fattening pigs. (Cro) Jelic, T *Agron Glas* 36 (7/8): 405-412. Ref. Eng. Sum. 1972

084398 21.5 AG84
Possibilities of paddock pasturing on heavier soil in a humid region. [Grazing]. (Cro) Toplak, J *Agron Glas* 36 (7/8): 445-452. Eng. Sum. 1972

084399 24 AL2
Effect of increased levels of cottonseed meal on body gain of growing chickens. El-Faham, R H *Alexandria J Agr Res* 20 (1): 21-24. June 1972

084400 24 AL2
Effect of frequency of food administration of hepatic lipogenesis & glycogen metabolism in white rats. Salem, H M *Alexandria J Agr Res* 20 (1): 31-34. Ref. June 1972

084401 24 AL2
Effect of increased levels of cottonseed meal on fertility, hatchability & egg production in chickens. El-Faham, R H *Alexandria J Agr Res* 20 (1): 43-49. Ref. June 1972

084402 389.78 AL4
Biological value of proteins for beef cattle. [Feed]. (Ita) Mordenti, A *Aliment Anim* 16 (6): 33-43. Ref. Eng. Sum. Nov/Dec 1972

084403 389.78 AL4
Nutritional requirements & level of feeding sow. (Ita) Borgioloi, E *Aliment Anim* 16 (6): 45-52. Nov/Dec 1972

084404 389.78 AL4
Six-month old lambs production; feeding trials on Sicilian Barbary breed & crosses Berrichone. (Ita) Accardi, F *Aliment Anim* 17 (1): 21-29. Eng. Sum. Jan/Feb 1973

084405 389.78 AL4
Beef producation with Chiana & Chiana X Friesian young bulls fed on nutritional high level diets: a comparative study. (Ita) Meregalli, A *Aliment Anim* 17 (1): 31-45. Ref. Eng. Sum. Jan/Feb 1973

084406 389.78 AL4
Contribution to knowledge of Sardinian pasture. 1. Variations of chemical composition & nutritive value of summer pastures. (Ita) Lai, P *Aliment Anim* 17 (1): 47-55. Eng. Sum. Jan/Feb 1973

084407 389.78 AL4
Stability in iodized mixtures for animal nutrition. (Ita) *Aliment Anim* 17 (1): 57-59. Jan/Feb 1973

084408 389.79 AM32
Alternate sources of non-milk protein for calf, lamb, pig & foal milk replacers. Soule, R P *Amer Feed Manufacturers Ass Nutr Counc Proc* 32: 10-12. Ref. 1972

084409 389.79 AM32
Vitamin E & selenium relationships in swine. [Nutrition]. Perkins, B W *Amer Feed Manufacturers Ass Nutr Counc Proc* 32: 12-16. Ref. 1972

084410 389.79 AM32
Optimum energy level for broiler breeders. Walker, G L *Amer Feed Manufacturers Ass Nutr Counc Proc* 32: 16-19. Ref. 1972

084411 389.79 AM32
Dietary factors affecting fertility & hatchability in chickens & turkeys. Reed, J R *Amer Feed Manufacturers Ass Nutr Counc Proc* 32: 19-25. Ref. 1972

084412 389.79 AM32
Proposed system of evaluating protein nutrition of feedlot cattle: metabolizable protein & urea fermentation potential of feeds. Burroughs, W *Amer Feed Manufacturers Ass Nutr Counc Proc* 32: 27-36. Ref. 1972

084413 40.2 AM35
Rabbit nutrition. Kelly, K C *Amer Rabbit Breeders Ass Offic Guide Year Book* P. 111-118. 1972

084414 49 C43
Design of experiments in animal husbandry. 21. [Feeding]. (Jap) Yoshida, M *Anim Husb (tokyo)* 27 (5): 100-104. May 1973

084415 49 C43
Feeds & nutrition. 24. [Fats]. (Jap) Nakamura, R *Anim Husb (tokyo)* 27 (5): 105-108. May 1973

084416 49 C43
Utilization of cottenseed meal in swine feeding. (Jap) Oonari, K *Anim Husb (tokyo)* 27 (5): 17-22. May 1973

084417 49 C43
Nutritive value of soy sauce residue & its use as feed for dairy cow. (Jap) Yahara, N *Anim Husb (tokyo)* 27 (5): 41-43. May 1973

084418 49 C43
Pros & cons on separate sex feeding of broilers. (Jap) Saito, C *Anim Husb (tokyo)* 27 (5): 51-56. May 1973

084419 49 C43
Feeding value of food waste products & their uses for dairy cow. 12. (Jap) Sutoh, H *Anim Husb (tokyo)* 27 (5): 87-90. Ref. May 1973

084420 49 C43
Feeding value of food waste products & their uses for dair y cow. 13. [Beer]. (Jap) Sutoh, H *Anim Husb (tokyo)* 27 (6): 106-108. June 1973

084421 49 C43
Recent research on livestock nutrition & feeds in Japan. (Jap) Tasaki, I *Anim Husb (tokyo)* 27 (6): 15-20. June 1973

084422 49 AN55
Effects of pelleting various diets on intake & digestibility in sheep & cattle. Greenhalgh, J F D *Anim Prod* 16 (3): 223-233. Ref. June 1973

084423 49 AN55
Effect of level of feeding of dried grass on milk production & value of dried grass as a replacement for conventional dairy concentrates. [Cattle]. Gordon, F J *Anim Prod* 16 (3): 235-243. June 1973

084424 49 AN55
Some nutritional implications of group-feeding hill sheep. Foot, J Z *Anim Prod* 16 (3): 293-302. June 1973

084425 49 AN55
A note on effect of time of weaning & weight at slaughter on feed utilization of intensively fed lambs. Orskov, E R *Anim Prod* 16 (3): 311-314. June 1973

084426 49 AN55
A note on effect of sudden changes in composition of diet of growing pigs. Livingstone, R M *Anim Prod* 16 (3): 315-317. June 1973

084427 41.9 AN4D
Gossypol & its feeding effects on hens. (Tur) Gurtunca, S *Ankara Univ Vet Fak Dergisi* 19 (4): 517-524. Ref. 1972

084428 41.8 AN78
Interactions of nitrogen & energy constituents in diet of dairy cattle at different stages of lactation. (Fre) Paquay, R *Ann Med Vet* 117 (3): 145-156. Ref. Eng. Sum. May 1973

084429 389.8 AN73
Effects of growth hormone, prolactine & association of these two substances on nitrogen balance of rat: Research of summation effect. (Fre) Elsair, J *Ann Nutr Aliment* 27 (1): 1-10. Ref. 1973

084430 389.8 AN73
Effects of di-tertie-butyl-hydroxy-toluene (B.H.T) on appetite & live weight of adult male rat when added in increasing doses into ration: Effects of protein level. (Fre) Durand, G *Ann Nutr Aliment* 27 (1): 11-24. Ref. 1973

084431 389.8 AN73
Production of animal proteins dating from derivatives of sugar cone (honeys & yeast). Cuban original model. (Fre) Birolaud, P *Ann Nutr Aliment* 27 (1): 25-50. Ref. 1973

084432 S7.A755
Effect of dung distribution & aftermath on forage yield & on fodder consumption by grazing animals. (Ger) Rotschke, W *Arch Acker Pflanz Bodenkd* 17 (1): 75-80. Eng. Sum. 1973

084433 S7.A755
On problems of demand-adapted supply with forage & concentrates in case of high cow concentration in dependence on grassland percentage. [East Germany]. (Ger) Leipnitz, W *Arch Acker Pflanz Bodenkd* 17 (2): 165-173. Eng. Sum. 1973

084434 389.78 AR22
Utilisation of iron through variable copper supply. [Feed]. (Ger) Grassmann, E *Arch Tierernahr* 23 (4): 261-271. Ref. Eng. Sum. May 1973

084435 389.78 AR22
Nitrogen excretion by growing poultry on nitrogen-free feeding regimen. (Ger) Hoffmann, M *Arch Tierernahr* 23 (4): 273-289. Ref. Eng. Sum. May 1973

084436 49 AR22
An investigation of nutritive efficiency of sweet lupine (Lupinus albus, var. 'multolupa') compared with soybean meal, used in feeding of broilers. (Spa) Cuesta, M P *Arch Zootec* 22 (85): 3-29. Ref. Eng. Sum. 1973

084437 49 AR22
Feed mix linear programming with non linear constraints. (Spa) Rodriguez Alcaide, J J *Arch Zootec* 22 (85): 93-97. 1973

084438 46.9 AS5
Pig feeding during different stages of growth & development. (Spa) Soulages, C A *Asoc Argent Criadores Cerdos Rev* 52 (607): 7, 9, 11, 13, 15, 17. Mar 1973

084439 23 AU792
Effect of level of meat & bone meal supplements on growth of weaner cattle on dry season improved pasture at Adelaide River, northern territory. Moran, J B *Australian J Exp Agr Anim Husb* 13 (61): 134-141. Ref. Apr 1973

084440 23 AU792
Value of protein content of sorghum grain in pig diets. Beames, R M *Australian J Exp Agr Anim Husb* 13 (61): 146-152. Ref. Apr 1973

084441 23 AU792
Effect of fertilizer nitrogen on digestibility & voluntary intake of Chloris gayana, Digitaria decumbens & Pennisetum clandestinum. [Sheep]. Minson, D J *Australian J Exp Agr Anim Husb* 13 (61): 153-157. Apr 1973

084442 23 AU792
Digestibility & voluntary intake measurements on regrowths of six Tasmanian pasture species. Michell, P J *Australian J Exp Agr Anim Husb* 13 (61): 158-164. Ref. Apr 1973

084443 23 AU792
Relations between fibre & water soluble carbohydrate contents of pasture species & their digestibility & voluntary intake by sheep. Michell, P J *Australian J Exp Agr Anim Husb* 13 (61): 165-170. Ref. Apr 1973

084444 23 AU792
Effect of formaldehyde treatment of barley on productive performance of Friesian steers. Davies, H L *Australian J Exp Agr Anim Husb* 13 (91): 142-144. Ref. Apr 1973

084445 SF95.A9
Tests with poultry-litter concentrate in lamb diet. (Spa) Fernandez Carmona, J *Av Aliment Mejora Anim* 14 (3): 135-137. Eng. Sum. Mar 1973

084446 41.8 AV5
Monensin in broiler rations. [chickens]. Biely, J *Avian Dis* 17 (2): 362-368. Ref. Apr/June 1973

084447 47.8 R523
Injurious effects of carbohydrates in nutrition. [Poultry]. (Ita) Gonzales, G *Avicoltura* 42 (4): 47-51. Apr 1973

084448 16 AV9
A factor limiting production of livestock. [Forage plan ts]. (Ita) Ellena, G *Avvenire Agr* 81 (2): 40-42. Feb 1973

084449 16 AV9
Latest of products: Fosfarsol plus. [Cattle, feedings]. (Ita) *Avvenire Agr* 81 (3): 71-75. Mar 1973

084450 16 AV9
Feeding of dairy cow & mineral composition of feeds. (Ita) Gallina, D L *Avvenire Agr* 81 (4): 90-98. Apr 1973

084451 40.19 AM3
Dairy goat nutrition. Gunn, W S *AGS Year Book (am Goat Soc Inc)* P. 16-21. 1972

084452 SF95.B56
Influence of different methionine doses supplemented to feed mixtures with cane sugar in broiler fattening. 1. influence upon gains & feed mixture conversi (Cze) Kalous, J *Biol Chem Vyzivy Zvirat* 9 (1): 21-34. Ref. Eng. Sum. 1973

084453 SF95.B56
Influence of different methionine doses supplemented to feed mixtures with cane sugar in broiler fattening. 2. Selected indexes of inter (Cze) Sova, Z *Biol Chem Vyzivy Zvirat* 9 (1): 35-46. Ref. Eng. Sum. 1973

084454 SF95.B56
Supplements of cane sugar, methionine, threonine & lysine to feedmixtures for broilers. 1. influence of different amino acid supplements upon growth intens (Cze) Kalous, J *Biol Chem Vyzivy Zvirat* 9 (1): 47-58. Ref. Eng. Sum. 1973

084455 SF95.B56
Supplements of cane sugar, methionine, threonine & lysine to feed mixtures for broilers. 2. Selected principal values in blood & livers. (Cze) Sova, Z *Biol Chem Vyzivy Zvirat* 9 (1): 59-68. Ref. Eng. Sum. 1973

084456 SF95.B56
Verification of Czechoslovak lysine effectiveness in comparison with -Japanese lysine. 1st report. [Pigs]. (Cze) Kacerovsky, O *Biol Chem Vyzivy Zvirat* 9 (1): 69-82. Ref. Eng. Sum. 1973

084457 SF95.B56
Verification of Czechoslovak lysine effectiveness in comparison with Japanese lysine. 2. Evaluation of laboratory tests. [Pigs]. (Cze) Sova, Z *Biol Chem Vyzivy Zvirat* 9 (1): 83-94. Ref. Eng. Sum. 1973

084458 SF95.B56
Selected haematoligic & biochemical findings in broilers fed a feed mixutre with supplemented zinc-bacitracin. (Cze) Sova, Z *Biol Chem Vyzivy Zvirat* 9 (1): 9-20. Ref. Eng. Sum. 1973

084459 389.8 B773
A comparison of fractions prepared from navy (haricot) beans (Phaseolus vulgaris L.) in diets for germ-free & conventional chicks. Hewitt, D *Brit J Nutr* 29 (3): 423-435. Ref. May 1973

084460 389.8 B773
Artifical rearing of pigs. 4. replacement of butterfat in a whole-milk diet by either beef tallow, coconut oil or soya-bean oil. Braude, R *Brit J Nutr* 29 (3): 447-455. Ref. May 1973

084461 389.8 B773
Relative retentions of nitrogen of urea & groundnut in isoenergenetic diets for growing heifers. Bines, J A *Brit J Nutr* 29 (3): 457-466. Ref. May 1973

084462 47.8 B77
Utilisation of soft phosphate in diets with & without fish meal or supplemental calcium phosphate. [Chickens]. Christmas, R B *Brit Poultry Sci* 14 (3): 245-250. Ref. May 1973

084463 47.8 B77
Evaluation of alfalfa meal as a dietary ingredient for young turkeys. Potter, L M *Brit Poultry Sci* 14 (3): 251-256. Ref. May 1973

084464 47.8 B77
Evaluation of crab meal as a dietary ingredient for young turkeys. Potter, L M *Brit Poultry Sci* 14 (3): 257-261. May 1973

084465 47.8 B77
Effect of dietary fish oil soapstock on performance, carcass fat & flavour of broilers. [Chickens]. Lipstein, B *Brit Poultry Sci* 14 (3): 279-289. Ref. May 1973

084466 47.8 B77
Use of methane-utilising bacteria as a source of protein for young chicks. D'Mello, J P F *Brit Poultry Sci* 14 (3): 291-301. Ref. May 1973

084467 47.8 B77
Sodium supplementation of broiler rations. [Chickens]. Dewar, W A *Brit Poultry Sci* 14 (3): 315-318. May 1973

084468 41.8 V643
Effect of feeding ergot to gilts during early pregnancy. Bailey, J *Brit Vet J* 129 (2): 127-133. Ref. Mar/Apr 1973

084469 41.8 V643
A note on time-cost of routine procedures involved in a nutritional balance trial with wether sheep. Fishwick, G *Brit Vet J* 129 (3): Xli-xliv. May/June 1973

084470 41.8 V643
Observations on ontogeny ot feeding response to beta adrenergic agonists & antogonists. Moberg, G P *Brit Vet J* 129 (3): Xxvii-xxviii. May/June 1973

084471 21.5 B87
About protein level in feeding milk cows. (Alb) Gokaj, F *Bul Shkencave Bujqesore* 10 (4): 89-96. Eng. Sum. 1972

084472 41.8 C162
Effect of dietary crude protein level on intestinal & cecal coccidiosis in chicken. Sharma, V D *Can J Comp Med* 37 (2): 195-199. Ref. Apr 1973

084473 65.8 C41
Sweetpotato as feed in swine raising. (Chi) Tai, H M *Che Pao (sugar Cane Bull)* 41 (6): 26-28. June 5 1973

084474 384 C4283
Importance of trace elements to further intensification of agricultural production. [Fertilizers, animal nutrition]. (Ger) Bergmann, W *Chem Tech (berlin)* 25 (7): 391-397. Map. July 1973

084475 384 C4283
Problems connected with 'homogeneous' mixing of trace elements in mixtures of mineral substances. [Feed additives]. (Ger) Fuchs, H *Chem Tech (berlin)* 25 (7): 415-418. Ref. July 1973

084476 100 C71C
Diets & performance of steers grazing three pasture types under contimuous & restrotation grazing systems in southeastern Colorado. Baize, J C *Colo Agr Exp Sta Progr Rep Pr* 73-35, 35, 4 P. May 1973

084477 100 C71C
Establishment, production, & nutritive value of Russian wildrye in southeastern Colorado, [elymus junceus, forage crops]. Baize, J C *Colo Agr Exp Sta Progr Rep Pr* 73-36, 3 P. May 1973

084478 15 C89
Sulphur in pasturing cycle. [Sheep]. (Spa) Triola, P de la *Cult Mod* 56 (5): 31-32. May 1973

084479 104 D41
Peas (Pisum) as feed for bacon pigs; dehulled peas & dehulled horsebeans(Vicia faba). (Dan) Hansen, V *Denmark Statens Husdyrbrugsudvalg Forsogslab Beretn* 397,47 P ref. Eng. Sum. 1972

084480 HD1401.D6
Oligoelements. [Animal nutrition, cattle]. (Fre) Pontailler, S *Doc Tech SCpa (soc Commer Potasses Azote)* 15, 15 P. 1972

084481 44.8 M736
Feeding advisory service as a means to increase quantity & quality of milk. (Ger) Heller, K *Dtsch Milchwirtsch* 24 (19): 706, 708. May 9, 1973

084482 44.8 M736
Use of suitable mixed feed to improve spreading property of butter. (Ger) Mackrott, H *Dtsch Milchwirtsch* 24 (19): 708-709. May 9, 1973

084483 105.8 G36E
Quality problems of fodder plants. (Ger) Simon, U *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 117-129. 1972

084484 105.8 G36E
Use of synthetic feed additives in livestock feeding. (Ger) Walz, O P *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 176-198. Ref. 1972

084485 S9.E9
Different systems of hay preparation. (Ita) *Evoluzione Agric* 18 (210): 63-66. Apr 1973

084486 S671.G7
Mechanized silage feeding from horizontal silos. *Farm Mech Stud Minist Agric Fish Food Agric Dev Advis Serv (g B)* 23, 32 P. Apr 1972

084487 24 SO842
When wintering woolled sheep on Eragrostis curvula hay. Jacobsz, J Z H *Farming S Afr* 48 (12): 27-29. Mar 1973

084488 SF1.A4
Unprocessed rapeseed treated with propionic acid as an energy & protein supplement for market pigs. Bowland, J P *Feeders' Day Dep Anim Sci Univ Alberta* 51St: 1-4. June 1972

084489 SF1.A4
Further studies with boars as potential market pigs. Bowland, J P *Feeders' Day Dep Anim Sci Univ Alberta* 51St: 13-16. June 1972

084490 SF1.A4
Comparison of muscle & fat distribution in boars, barrows & gilts. [Effects of feeding]. Richmond, R J *Feeders' Day Dep Anim Sci Univ Alberta* 51St: 16-19. June 1972

084491 SF1.A4
Nutritive value of some field-cured hays. Grieve, C M *Feeders' Day Dep Anim Sci Univ Alberta* 51St: 26-28. June 1972

084492 SF1.A4
Protein & energy in rations for fattening Holstein bulls & steers. Grieve, C M *Feeders' Day Dep Anim Sci Univ Alberta* 51St: 28-30 June 1972

084493 SF1.A4
Effect of feeding barley at different moisture levels to yearling steers. Howes, A D *Feeders' Day Dep Anim Sci Univ Alberta* 51St: 31-33. June 1972

084494 SF1.A4
Eating quality of beef from steers fed moisture treated barley. Hawrysh, Z J *Feeders' Day Dep Anim Sci Univ Alberta* 51St: 33-36. June 1972

084495 SF1.A4
Feeding value of high moisture chemically preserved grains. Young, B A *Feeders' Day Dep Anim Sci Univ Alberta* 51St: 36-38. June 1972

084496 SF1.A4
Short-chain amides as sources of nitrogen for lambs. Milligan, L P *Feeders' Day Dep Anim Sci Univ Alberta* 51St: 38-39. June 1972

084497 SF1.A4
Rapeseed meal as a protein supplement for sows. Bowland, J P *Feeders' Day Dep Anim Sci Univ Alberta* 51St: 4-7. June 1972

084498 SF1.A4
Influence of high level copper supplements in diets for growing pigs. Myres, A W *Feeders' Day Dep Anim Sci Univ Alberta* 51St: 9-13. June 1972

084499 SF1.A4
Evaluation of utility wheats for starting-growing pigs. Bowland, J P *Feeders' Day Dep Anim Sci Univ Alberta* 52: 2-3. 1973

084500 SF1.A4
High moisture grains for growing pigs. Bowland, J P *Feeders' Day Dep Anim Sci Univ Alberta* 52: 3-6. 1973

084501 SF1.A4
Protein utilization in ruminants. [Sheep]. Mathison, G W *Feeders' Day Dep Anim Sci Univ Alberta* 52: 31-33. 1973

084502 SF1.A4
Rapeseed meal for lactating dairy cows. Grieve, C M *Feeders' Day Dep Anim Sci Univ Alberta* 52: 33-34. 1973

084503 SF1.A4
Treatment of supplements to increase protein available to ruminants. [Sheep]. Milligan, L P *Feeders' Day Dep Anim Sci Univ Alberta* 52: 34-36. 1973

084504 SF1.A4
Organic acid treatment of protein supplement for dairy cows. Young, B A *Feeders' Day Dep Anim Sci Univ Alberta* 52: 36-37. 1973

084505 SF1.A4
Winter maintenance requirement of Kinsella Hereford & Hybrid-line cos. [Animal nutrition]. Berg, R T *Feeders' Day Dep Anim Sci Univ Alberta* 52: 43-46. 1973

084506 SF1.A4
Rapeseed meal & peanut meal as complementary protein supplements for starting-growing pigs. Bowland, J P *Feeders' Day Dep Anim Sci Univ Alberta* 52: 6-8. 1973

084507 SF1.A4
Further studies on high level copper supplements in diets for growing pigs. Bowland, J P *Feeders' Day Dep Anim Sci Univ Alberta* 52: 8-12. 1973

084508 18 W763
Forage balances calculated by means of electronic data processing with reference to national feedstuff valuation system of German Democratic Republic: Evaluation for forage cropping. (Ger) Luddecke, F *Feldwirtschaft* 14 (6): 273-277. June 1973

084509 SB13.C58
Nutritive value of Phalaris tuberosa & Lolium perenne for young sheep: a preliminary comparison. Freer, M *Field Sta Rec* 11 (1/2): 1-4. 1972

084510 SF481.F53
How should feeding trials be evaluated? [Poultry]. (Swe) Ekelund, S *Fjaderfa* 66 (6): 186, 188-189. June 1973

084511 19 F75
Significance of protein in animal feeding – possible ways to improve domestic supply. (Ger) Halder, G *Forderungsdienst* 21 (3): 73-77. Mar 1973

084512 19 F75
Nutritional physiological basis of energy & protein provision of cattle. (Ger) Burgstaller, G *Forderungsdienst* 21 (4): 109-114. Ref. Apr 1973

084513 19 F75
Problems of feeding dairy cattle in intensive hay pasture establishments. (Ger) Steinwender, R *Forderungsdienst* 21 (4): 114-119. Ref. Apr 1973

084514 19 F75
Problems of mineral & trace element provision within framework of total ration in dairy cattle. (Ger) Obritzhauser, W *Forderungsdienst* 21 (4): 119-127. Ref. Apr 1973

084515 '19 F75
Technique in rational feeding of dairy & fattening cattle. (Ger) Hochkonig, W *Forderungsdienst* 21 (4): 128-131. Apr 1973

084516 47.8 G43
Ideal program for nutrition of lean swine. (Ita) Hays, V *G Allevatori* 23 (3): 67-74. Mar 1973

084517 QL461.G4
Dried Hermetia illucens larvae (Diptera: Stratiomyidae) as a feed additive for poultry. Hale, O M *Ga Entomol Soc J* 8 (1): 16-20. Jan 1973

084518 47.8 G276
On significance of weighed protein provision for economy in improvement. [Swine]. (Ger) Hoppe, K *Geflugelhof & Kleinvieh* 36 (10): 7, 9, 11. May 17, 1973

084519 47.8 G276
Fattening swine with skim milk, whey & buttermilk. (Ger) Angelbauer, H *Geflugelhof & Kleinvieh* 36 (11): 3, 5, 7. May 31, 1973

084520 47.8 G276
On question of nutrient provision & weight development in fattening young bulls. (Ger) Huth, F *Geflugelhof & Kleinvieh* 36 (4): 11, 13, 15. Feb 22, 1973

084521 47.38 M66
Poultry nutrition research Chickens. Speers, G M *Gobbles* 28 (1): 7, 19. May 1973

084522 298.8 G762
New news on feeding. [Cattle]. Geasler, M *Grain Feed J* P. 10-13. July 11, 1973

084523 286.81 G764
Forage tests show need for potassium. [Cattle]. Hinders, R *Grain Prod News* 24 (6): 2-3. June 1973

084524 10 G79LA
Feeding turkeys for meat production. *Great Brit Min Agr Fish Food Adv Leafl* 427, 7 P. 1973

084525 389.78 G98
Transition to green forage. [Dairy cattle]. (Ger) Turek, F *Gute Rat Futterungsfragen* 12 (2): 2-4. Apr 1973

084526 389.78 G98
Early weaning of piglets. [Animal nutrition]. (Ger) Auerbock, R *Gute Rat Futterungsfragen* 12 (2): 4-6. Apr 1973

084527 389.78 G98
Protein substitute by means of urea in feeding cattle. (Ger) Leitgeb, R *Gute Rat Futterungsfragen* 12 (2): 6-8. Apr 1973

084528 389.78 G98
Problem of egg shell breakage. [Animal nutrition, poultry]. (Ger) Tschiderer, K *Gute Rat Futterungsfragen* 12 (2): 9-11. Apr 1973

084529 100 H313P
Evaluation of pineapple centrifuge underflow as a cattle feedstuff. Olbrich, S E *Hawaii Agr Exp Sta Res Rep* 222, 13 P. Ref. Mar 1973

084530 41.9 SO18
Feeding of broilers with arsanilic acid; gain in weight & accumulation of arsenic in poultry tissues & litte. (Gre) Demertzes, P N *Hellen Kteniatrike Hetaireia Delt* 23 (4): 241-255. Ref. Eng. Sum. Oct/Dec 1972

084531 100 AL1H
Wood pulping waste shows potential as cattle feed resource. Anthony, W B *Highlights Agr Res (ala Sta)* 20 (2): 13. Summer 1973

084532 49.9 H57
Control of grazing behavior & hematological aspects of adaptation to range environments in grazing cow-calf herd. (Jap) Watanabe, S *Himeji Chugoku Agr Exp Sta Bull B* 19: 1-38. Ref. Eng. Sum. Nov 1972

084533 49.9 H57
Study on changes in body composition & carcass characters of beef cattle during fattening. 4. Growth & development of steers with advancement of age from (Jap) Yamazaki, T *Himeji Chugoku Agr Exp Sta Bull B* 19: 39-60. Ref. Eng. Sum. Nov 1972

084534 44.8 H65
Cows didn't balance ration with luquid protein supplement. Ricketts, R E *Hoards Dairyman* 118 (13): 815. July 10, 1973

084535 TX1.H63
Tissue composition changes in mature rats fed a cellulose bulking agent. [Human nutrition]. Ahrens, R A *Home Econ Res J* 1 (1): 13-18. Ref. Sept 1972

084536 50.8 H95
Feeding calves with milk powder in Italy. (Hun) Honsch, P *Husipar* 22 (1): 34-38. Eng. Sum. Jan 1973

084537 QK575.R9K84
Protein-vitamin paste made from Chlorella in relation to fattening young bulls on rations of cotton feeds. (Rus) Asrarov, U *In Kul'tivirovanie Vodoroslei i Vysshikh Vodnykh Rastenii V Uzbekistane* P. 58-60. 1972

084538 QK575.R9K84
Use of Chlorella paste as a vitamin supplement to feed of egg-laying breeding of chickens. (Rus) Neskubo, P M *In Kul'tivirovanie Vodoroslei i Vysshikh Vodnykh Rastenii V Uzbekistane* P. 60-63. 1972

084539 QK575.R9K84
Effect of Chlorella suspension on milk output & weight gain of cattle. [Feeding]. (Rus) Ponirovskii, N G *In Kul'tivirovanie Vodoroslei i Vysshikh Vodnykh Rastenii V Uzbekistane* P. 65-67. 1972

084540 SF55.I4A2
Poultry nutrition. Bose, S *Indian Counc Agr Res I C A R Tech Bull (Anim Husb)* 80 P. Ref. 1972

084541 41.8 IN22
Studies on growth responses of cross-bred calves. 1. Effect of limited milk feeding on growth of cross-bred calves up to 3 months of age. Ranjhan, S K *Indian J Anim Sci* 42 (10): 754-759. Ref. Oct 1972

084542 41.8 IN22
Nutritional & seasonal effects on solids-non-fat content of milk of Tharparkar cows. Lal, G M *Indian J Anim Sci* 42 (10): 760-765. Ref. Oct 1972

084543 41.8 IN22
Effect of supplementation of carbohydrate feeds to legume roughages on their nutritive values. Patel, B M *Indian J Anim Sci* 42 (10): 767-771. Oct 1972

084544 41.8 IN22
Effect of partial replacement of concentrate's protein with urea on nitrogen fractions & total volatile fatty acids in rumen of buffalo. Ahuja, A K *Indian J Anim Sci* 42 (10): 772-775. Ref Oct 1972

084545 41.8 IN22
Effect of animal fats on growth of chicks. Johri, T S *Indian J Anim Sci* 42 (10): 835-839. Ref. Oct 1972

084546 41.8 IN22
Evaluation of machine-dried vis-a-vis conventional grass hays prepared in Himachal Pradesh. [Cattle]. Pal, R N *Indian J Anim Sci* 42 (11): 873-877. Nov 1972

084547 41.8 IN22
A note on nutritive value of pulse chunies. [Cattle]. Patel, B M *Indian J Anim Sci* 42 (11): 878-880. Nov 1972

084548 41.8 IN22
Processing of cellulosic materials. 2. Processed sawdust in high energy sheep rations. Reddy, M R *Indian J Anim Sci* 42 (11): 886-890. Nov 1972

084549 41.8 IN22
Effects of different sources of dietary nitrogen on volatile fatty acids in rumen liquor of buffaloes. Narang, M P *Indian J Anim Sci* 42 (11): 891-895. Ref. Nov 1972

084550 41.8 IN22
Functional development of rumen in buffalo calves raised on calf starters. I. PH [Chydrogen-ion concentration], ammonia-N [nitrogen], total bacteria & protozoa in rumen liquor. Goel, V K *Indian J Anim Sci* 42 (11): 896. Ref. Nov 1972

084551 41.8 IN22
Functional development of rumen in buffalo calves raised on calf starters. 2. Blood glucose level & volatile fatty acids in rumen liquor. Goel, V K *Indian J Anim Sci* 42 (11): 901-904. Ref. Nov 1972

084552 41.8 IN22
Some evidence on role of high dietary phosphorus & magnesium intake in urolithiasis in calves. Kaushal, B S *Indian J Anim Sci* 42 (11): 905-910. Ref. Nov 1972

084553 SF481.I5
Effect of malathion on performance of White Leghorn chicks. Uppal, R P *Indian J Poultry Sci* 7 (4): 20-23. Oct/Dec 1973

084554 SF481.I5
Radio-iodine (131 I) uptake by thyroid gland in White Leghorn layers fed salseed cake. Goel, V K *Indian J Poultry Sci* 8 (1): 41-43. Jan/Mar 1973

084555 SF481.I5
Egg shell as a source of calcium for growing chicks. Rai, P S *Indian J Poultry Sci* 8 (1): 7-10. Jan/Mar 1973

084556 41.8 IN2
Non-protein nitrogen utilization by ruminants. 2. Effect of feeding urea & ammonium bicarbonate to fistulated Surti buffalo bulls on rumen nitrogen fractions & blood metabolites. Sharma, R S *Indian Vet J* 50 (3): 264-271. Ref. Mar 1973

084557 41.8 IN2
Studies on utility of a weed – taratej (Coronopus didymus) in dietary of sheep. Sharma, K M *Indian Vet J* 50 (3): 272-274. Mar 1973

084558 49 IN3
Productivity of calves following growth. [Flavomycin, feeding]. (Ita) Zatti, E *Inform Zootec* 20 (8): 17-18. Apr 21, 1973

084559 381 J8223
Relationship between tannin levels, rat growth, & distribution of proteins in sorghum. Jambunathan, R *J Agr Food Chem* 21 (4): 692-696. Ref. July/Aug 1973

084560 10 J822
Studies on goats. I. Effect of plane of nutrition on reproductive performance of does. [Goats]. Sachdeva, K K *J Agr Sci (London)* 80 (3): 375-379. Ref. June 1973

084561 10 J822
A comparison of glutaraldehyde & formaldehyde fixation of isolated pea chloroplasts & its implications for treatment of herbage for nutritional studies. West, J *J Agr Sci (London)* 80 (3): 399-406. Ref. June 1973

084562 10 J822
Cooper levels in diets for growing pigs. Braude, R *J Agr Sci (London)* 80 (3): 489-493. June 1973

084563 49 J82
Ammonium chloride & ammonium sulfate in cattle feedlot finishing rations. Crookshank, H R *J Anim Sci* 36 (6): 1007-1009. June 1973

084564 49 J82
Effect of a combination of diethylstilbestrol & methyltestosterone & protein level in diet of performance & carcass traits in an unselected line of swine. Lucas, L E *J Anim Sci* 36 (6): 1094-1098. Ref. June 1973

084565 49 J82
Effects of dietary protein level & feed restriction on performance & carcass characteristics of swine. Stahly, T S *J Anim Sci* 36 (6): 1109-1113. June 1973

084566 49 J82
Dried citrus pulp as a grain replacement for Awasi lambs. Bhattacharya, A N *J Anim Sci* 36 (6): 1175-1180. Ref. June 1973

084567 49 J82
Voluntary intake of dry matter by African Zebu cattle. Quality of feed & reference base. Karue, C N *J Anim Sci* 36 (6): 1181-1185. Ref. June 1973

084568 49 J82
Effect of methionine & ammonium sulfate upon performance of ruminants fed high corn rations. Bolsen, K K *J Anim Sci* 36 (6): 1186-1190. Ref. June 1973

084569 49 J82
Lysine requirement of lactating sow. Lewis, A J *J Anim Sci* 37 (1): 104-110. Ref. July 1973

084570 49 J82
Wheat straw & urea in pelleted rations for growing-fattening sheep. Bhattacharya, A N *J Anim Sci* 37 (1): 136-140. Ref. July 1973

084571 49 J82
Growth & reproductive performance of bulls & heifers fed purified & natural dies. VI. Growth, estrus, conception rate, gestation & milk production of females. Bond, J *J Anim Sci* 37 (1): 141-147. Ref. July 1973

084572 49 J82
Effect of subclinical lead intake on calves. Dinius, D A *J Anim Sci* 37 (1): 169-173. Ref. July 1973

084573 49 J82
Energy evaluation of brewers grains for growing & finishing cattle. Preston, R L *J Anim Sci* 37 (1): 174-178. July 1973

084574 49 J82
California Net Energy System: theory & application. [Feedlots, cattle]. Knox, K L *J Anim Sci* 37 (1): 190-199. Ref. July 1973

084575 49 J82
Evaluation of net energy systems. [Cattle, feeding]. Kromann, R P *J Anim Sci* 37 (1): 200-212. Ref. July 1973

084576 49 J82
Influence of dietary fats upon carcass lipid composition in bovine. Dryden, F D *J Anim Sci* 37 (1): 33-39. Ref. July 1973

084577 49 J82
Effect of feeding roasted soybeans on cured pork palatability. Olson, D G *J Anim Sci* 37 (1): 49-55. Ref. July 1973

084578 49 J82
Saccharomyces cervisiae yeast culture in diets for mechanically-fed neonatal piglets & early growing self-fed pigs. Veum, T L *J Anim Sci* 37 (1): 67-71. Ref. July 1973

084579 49 J82
Saccharomyces cervisiae yeast culture in growing-finishing swine diets. Bowman, G L *J Anim Sci* 37 (1): 72-74. July 1973

084580 49 J82
Gain, feed conversion & carcass traits of swine fed under two nutritional regimes. Cunningham, P J *J Anim Sci* 37 (1): 75-80. Ref. July 1973

084581 49 J82
Plasma free amino acids of swine as influenced by diet protein level, animal age & time of sampling. Davey, R J *J Anim Sci* 37 (1): 81-86. July 1973

084582 49 J82
Influence of supplemental dietary copper & vitamin E on oxidative stability of porcine depot fat. Amer, M A *J Anim Sci* 37 (1): 87-90. Ref. July 1973

084583 49 J82
Effect of feeding lysine in solution to growing pigs & rats. Seerley, R W *J Anim Sci* 37 (1): 91-94. Ref. July 1973

084584 44.8 J823
Effects of increasing amounts of dietary tallow on milk-fat secretion in cow. Storry, J E *J Dairy Res* 40 (2): 293-299. Ref. June 1973

084585 44.8 J822
Changes in milk protein separation pattern of Israeli-Friesian cows as related to period of lactation & feeding. Gordin, S *J Dairy Sci* 56 (6): 724-728. Ref. June 1973

084586 44.8 J822
Persistence of dasanit in corn silage & effects of feeding dairy cows treated silage. Johnson, J C *J Dairy Sci* 56 (6): 775-782. June 1973

084587 44.8 J822
Rapeseed, sunflower, & soybean meal supplementation of calf rations. Stake, P E *J Dairy Sci* 56 (6): 783-788. Ref. June 1973

084588 44.8 J822
Effects of a self-fed pelleted mixtures of hay & calf starter on performance of young dairy calves. Bartley, E E *J Dairy Sci* 56 (6): 817-820. Ref. June 1973

084589 44.8 J822
Effect of age & dietary magnesium on voluntary feed intake & plasma magnesium in ruminants. Chicco, C F *J Dairy Sci* 56 (6): 822-824. Ref. June 1973

084590 44.8 J822
Digestibility of & growth on rations containing processed & unprocessed soybeans. Daniels, L B *J Dairy Sci* 56 (6): 824-827. Ref. June 1973

084591 44.8 J822
Aspergillus fumigatus in samples of moldy silage. Smith, D F *J Dairy Sci* 56 (6): 828-829. June 1973

084592 44.8 J822
Nutritive value of Kochia scoparia. III. Digestibility of Kochia hay compared with alfalfa hay. [Sheep]. Sherrod, L B *J Dairy Sci* 56 (7): 923-926. Ref. July 1973

084593 44.8 J822
Protein required in starters for claves fed milk once or twice daily. Morrill, J L *J Dairy Sci* 56 (7): 927-931. Ref. July 1973

084594 44.8 J822
Expansion-extrusion processed sorghum grain & soybeans in diets of dairy calves. Daniels, L B *J Dairy Sci* 56 (7): 932-934. Ref. July 1973

084595 389.8 J82
Body composition & fat depot weights of rats as influenced by ration fed dams during lactation & that fed rats after weaning. Schemmel, R *J Nutr* 103 (4): 477-487. Ref. Apr 1973

084596 389.8 J82
Relationship between postprandial plasma volatile fatty acids, glucose & insulin levels in sheep fed different feeds. Ross, J P *J Nutr* 103 (4): 488-493. Ref. Apr 1973

084597 389.8 J82
Adaptation of rumen microorganisms to biuret as an NPN [n-propyl nitrate] supplement to low quality roughage rations for cattle & sheep. Johnson, R R *J Nutr* 103 (4): 494-502. Ref. Apr 1973

084598 389.8 J82
Effect of adding varying levels of lysine or delactosed demineralized whey to wheat flour on growth & body composition of young rats. Al-Ani, M R *J Nutr* 103 (4): 515-525. Ref. Apr 1973

084599 389.8 J82
Effect of infused glutamine on uric acid synthesis in chickens fed high & low protein diets. Karasawa, Y *J Nutr* 103 (4): 526-529. Ref. Apr 1973

084600 389.8 J82
Measurement of digestibility of alfalfa protein concentrates by in vivo & in vitro methods. [Feeding]. Saunders, R M *J Nutr* 103 (4): 530-535. Ref. Apr 1973

084601 389.8 J82
Nutritional interrelationships among vitamin E, selenium, antioxidants & ethyl alcohol in rat. Levander, O A *J Nutr* 103 (4): 536-542. Ref. Apr 1973

084602 389.8 J82
Effect of dietary protein level & protein source of plasma & tissue free amino acids in growing sheep. Bergen, W G *J Nutr* 103 (4): 575-585. Ref. Apr 1973

084603 389.8 J82
Effect of dietary vitamin E on activities of glutathione peroxidase system in rat tissues. Chow, C K *J Nutr* 103 (4): 618-624. Ref. Apr 1973

084604 382 SO12
Effect of feeding restricted amounts of a medium & a high protein diet during finishing period on growth, fat deposition & feed efficiency of male & female broilers. Auckland, J N *J Sci Food Agr* 24 (6): 709-717. June 1973

084605 382 SO12
Effect of feeding restricted amounts of a mediumand high-protein diet on growth & body composition of ducklings. Auckland, J N *J Sci Food Agr* 24 (6): 719-726. June 1973

084606 49 N62
Effect of dietary supplement of safflower oil or safflower seed on hydrogenation of unsaturated fatty acids in rumen of goats. (Jap) Tanaka, K *Jap J Zootech Sci* 44 (4): 212-215. Eng. Sum. Apr 1973

084607 49 N62
Effects of time feed given on diurnal feeding pattern of dairy cows. Suzuki, S *Jap J Zootech Sci* 44 (4): 216-221. Ref. Apr 1973

084608 49 N62
Effect of barley in broiler diet on fatty acid composition of lipids in its muscles. (Jap) Otake, Y *Jap J Zootech Sci* 44 (5): 275-277. May 1973

084609 49 N62
Effect of long period of feeding safflower oil in diet on hydrogenation of unsaturated fatty acids in rumen of goat. (Jap) Tanaka, K *Jap J Zootech Sci* 44 (5): 278-279 May 1973

084610 47.8 N57
Improvement of procedure to determine gross protein value with growing chicks. II. Optimum protein level in assay diets & influence of pre-feeding program. Yoshida, M *Jap Poultry Sci* 10 (3): 104-113. June 1973

084611 47.8 N57
Effect of vitamin B12 supplementation to hydrocarbon yeast on growth of broiler. (Jap) Tada, M *Jap Poultry Sci* 10 (3): 93-103. Ref. Eng. Sum. June 1973

084612 45.9 K14
Towards development of weight of Karakul lambs until weaned, whereby ewes are exclusively fed on pasture. Matter, H E *Karakoeltelersver Suidwes-afr Jaarboek* P. 73, 75, 77, 78 81, 83. 1973

084613 105.9 H89
Contributions to examination of factors influencing conversion of feed-nutrients with adult ruminants. (Hun) Bedo, S *Kiserletugyi Kozlemenyek* 64B (1/3): 25-42. Ref. Eng. Sum. 1971 (Pub. 1973)

084614 105.9 H89
Value of dual iron-treatment & iron-overload in weight gain of sucking piglet. (Hun) Kovacs, J *Kiserletugyi Kozlemenyek* 64B (1/3): 43-55. Eng. Sum. 1971 (Pub. 1973)

084615 105.9 H89
Lamb-feeding experiment with fat-enriched starter. (Hun) Kurelec, V *Kiserletugyi Kozlemenyek* 64B (1/3): 73-82. Eng. Sum. 1971 (Pub. 1973)

084616 HD1491.G3K6
Methods & criteria for analysing fodder economy in socialist competition. (Ger) Werner, K *Kooperation* 7 (5): 229-236. May 1973

084617 389.78 K85
Present & future situation of protein supply for livestock. (Ger) Erbersdobler, H *Kraftfutter* 56 (6): 274-276. Eng. Sum. Jane 1973

084618 389.78 K85
Healthy food of animal origin through feeding with conscious responsibility. (Ger) Menke, K H *Kraftfutter* 56 (6): 282, 284-285. June 1973

084619 389.78 K85
A growth stimulant for swine presents itself. (Ger) Hertrampf, J *Kraftfutter* 56 (6): 286-288. June 1973

084620 389.78 K85
Piglet rearing tests with & without fish flour in feed rations. (Ger) Schneider, D *Kraftfutter* 56 (7): 320-322. Eng. Sum. July 1973

084621 389.78 K85
Rearing of calves without skim milk. (Ger) Gropp, J *Kraftfutter* 56 (7): 324, 326. Eng. Sum. July 1973

084622 389.78 K85
Flavomycin in grain feeding of young bulls. (Ger) Bahrecke, G *Kraftfutter* 56 (7): 328. July 1973

084623 100 L939
Three winter-summer forage systems for growing stocker steers. Oliver, W M *La Agr* 16 (4): 12-14. Summer 1973

084624 100 L939
Pasture programs for replacement beef heifer. [Breeding, feeding]. Humes, P E *La Agr* 16 (4): 3, 16. Summer 1973

084625 QL55.A1L3
Warfarin resistance & vitamin K requirement in rat. Greaves, J H *Laboratory Anim* 7 (2): 141-148. May 1973

084626 11 L2322
Progress in feeding laying hens. (Dan) Pedersen, K J *Landbonyt* 27 (5): 278-283, 342. May 1973

084627 11 L2322
Large scale meat production. [Feedlots]. (Dan) Larsen, J B *Landbonyt* 27 (5): 297-306. May 1973

084628 11 L236
Feed supplements for goats on pasture. (Nor) Skjevdal, T *Landbrukstidende* 79 (21): 551-552. May 26, 1973

084629 58.8 L235
Feeding of pellets, cobs & briquettes. (Ger) Achilles, A *Landtechnik* 28 (6): 177-180. Ref. Apr 1, 1973

084630 11 L234
New research supports results of use of nitrovin/Payzone for slaughter swine. [Feed additives]. (Swe) Pettersson, A *Lantmannen* 84 (10): 25-26. May 25, 1973

084631 11 L234
Can we tolerate antibiotics in animal feeds? [Contamination]. (Swe) Ludtke, F *Lantmannen* 84 (2): 14-15. Feb 2, 1973

084632 11 L234
Abuse of antibiotics – one kind of medical environmental problem. [Contamination]. (Swe) Ludtke, F *Lantmannen* 84 (2): 16-17. Feb 2, 1973

084633 11 L234
Approved additives for swine feed. (Swe) Robertsson, T *Lantmannen* 84 (2): 18. Feb 2, 1973

084634 11 L234
A comparison between zinc bacitracin & nitrovin in feed of slaughter swine. [Feed additives]. (Swe) Bergstrom, G *Lantmannen* 84 (2): 22-23. Feb 2, 1973

084635 11 L234
Experiences with growth regulators in feed of slaughter swine. (Swe) Forlich, A *Lantmannen* 84 (2): 24-26. Feb 2, 1973

084636 509 L532
B values of different protein carriers in broilers. [Poultry]. (Ger) Hoffmann, M *Leipzig Karl-marx-univ Wiss Z* 22 (3): 234-244. 1973

084637 509 L532
Performance related crude protein & amino acid doses in piglet. (Ger) Frenzel, F *Leipzig Karl-marx-univ Wiss Z* 22 (3): 255-263 ref. 1973

084638 509 L532
Amino acid requirements of fattening swine as related to their performance. (Ger) Muller, H *Leipzig Karl-marx-univ Wiss Z* 22 (3): 264-276. Ref. 1973

084639 49 L758
Add some protein with grazing crops. Sell, W H *Livestock Breeder J* 16 (7): 227-228. July 1973

084640 49 L758
Creep feeding makes money!. Ensminger, M E *Livestock Breeder J* 16 (7): 262-264, 336. July 1973

084641 59.9 C813
Animal response to diets containing opaque-7 endosperm proteins. Buttenshaw, R *Maize Genet Coop News Lett* 47: 174-175. Apr 15, 1973

084642 58.8 M467
Large-capacity fattening plant AT-type for 2640 pigs. (Slo) Szabo, L *Mech Zemedel* 23 (3): 99-102. Eng. Sum. 1973

084643 S19.M6
Progressive goat keeping in India with special reference to feeding. Saxena, V P *Mod Agric* 3 (3): 39-41. May/June 1972

084644 41.8 M742
Medicinal feed importance & use. (Ger) Bentz, H *Monatsh Veterinarmed* 28 (12): 462-466. Eng. Sum. June 15, 1973

084645 41.8 M742
Studies into vitaminization of fattening feed for broilers. (Ger) Jeroch, H *Monatsh Veterinarmed* 28 (12): 467-469. Ref. Eng. Sum. June 15, 1973

084646 298.8 M89
Effect of carbadox on growth & feed utilization of swine. (Ger) *Muhle Mischfuttertech* 110 (24): 388-390. June 14, 1973

084647 100 M69MI
Feeding gin trash to beef cattle. Anderson, J M *MAFES Res Highlights (miss Agric For Exp Stn)* 36 (6): 3, 7. June 1973

084648 100 N81 (1)
Complete feeds for dairy herd replacements. Rakes, A H *N C Agr Exp Sta Bull* 446, 9 P. May 1973

084649 275.29 N811
Silage storage & feeding systems. Wells, R C *N C Univ Ext Ext Circ* 504, Rev., 27 P. Ref. Apr 1973

084650 100 N813B
Whole versus rolled oats for yearling steers. Dinusson, W E *N Dak Farm Res* 30 (5): 15-17. May/June 1973

084651 100 N465R
Feasibility of backgrounding feeder calves in Four Corners Economic Development Region. [Costs, returns]. Capener, W N *N Mex Agr Exp Sta Res Rep* 249, 63 P. Map. Mar 1973

084652 389.8 N142
On rapeseed meals. XXIV. Quality & nutritive value of silage made from steamed potatoes added with non-debittered rapeseed meal. [Swine]. (Ger) Kozłowski, M *Nahrung* 17 (2): 147-152. Ref. Eng. Sum. 1973

084653 389.8 N142
On rapeseed meals. XXV. Goitrogenic properties of silage made from steamed potatoes & rapeseed meal in duck feeding. (Ger) Faruga, A *Nahrung* 17 (2): 153-160. Eng. Sum. 1973

084654 389.7 N2122
Nutrient requirements of horses. *Nat Res Counc Comm Anim Nutr Nutr Requir Dom Anim* 6, 33 P. Ref. 1973

084655 45.8 N21N
Artificial rearing: it turns 'extra' lambs to profit. Le Grand, W L *Nat Wool Grower* 63 (7): 12-13, 28-29. July 1973

084656 12 N3892
Studies on amount & composition of digesta flowing through duodenum of dairy cows. 2. Sites of net absorption of magnesium & calcium from alimentary tract. Kemp, A *Neth J Agr Sci* 21 (1): 44-55. Ref. 1973

084657 60.19 N48
Ingested soil & animal nutrition. Healy, W B *New Zeal Grassland Ass Proc* 34Th: 84-90. Ref. 1973

084658 RC620.A1N8
Effect of variations in protein quality on growth, protein efficiency ratio, net protein ratio & net protein utilization in growing kittens. Fox, L A D *Nutr Rep Int* 7 (6): 621-631. Ref. June 1973

084659 RC620.A1N8
Effect of hormones on amino acid imbalance in short term experiments. II. Effect of insulin & cortisol on natural imbalanced diets. [Rats]. Sanahuja, J C *Nutr Rep Int* 7 (6): 633-641. Ref. June 1973

084660 RC620.A1N8
Comparative digestibility of casein & pancreatic juice proteins in rat. Nasset, E S *Nutr Rep Int* 7 (6): 643-646. June 1973

084661 RC620.A1N8
Influence of a detoxified repeseed protein concentrate on reproduction in female rat. Eklund, A *Nutr Rep Int* 7 (6): 647-654. Ref. June 1973

084662 RC620.A1N8
Influence of dietary protein on skeletal muscle growth of normal & potassium-chloride depleted young rats. Truong, L *Nutr Rep Int* 7 (6): 655-664. Ref. June 1973

084663 S11.N93
Demand feeding trials with mixed litters & littermates. [Swine]. (Dan) Christensen, A *Nye Dan Landbrug* 4 (6): 10-12. June 1973

084664 100 OH3S (3)
Magnets activate feeder for top-producing cows. Pritchard, D E *Ohio Rep Res Develop Agr Home Econ Natur Resour* 58 (3): 78-79. May/June 1973

084665 414.8 P53
Preparation of 'galongong' (Decapterus macrosoma) fish meal & its nutritive value. Gonzales, O N *Philippine J Fish* 8 (2): 225-232. Ref. 1960/1970 (Pub. 1973)

084666 19.5 P752
Effect of feeding of alfalfa meal on performance characteristic & economic rearing of sows. (Cze) Majerciak, P *Pol'nohospodarstvo* 19 (2): 132-137. Ref. Eng. Sum. 1973

084667 19.5 P752
Effect of caloric & protein additives administered to pregnant sows on fertility & fattening capacity of progeny. (Slo) Majerciak, P *Pol'nohospodarstvo* 19 (3): 193-201. Eng. Sum. 1973

084668 19.5 P752
Utilization of sugar beet molasses in the nutrition of fattening pigs. (Slo) Poltarsky, J *Pol'nohospodarstvo* 19 (3): 210-217. Ref. Eng. Sum. 1973

084669 19.5 P752
Effect of breed on course of growth phases of fattening bull calves. (Slo) Chrenek, J *Pol'nohospodarstvo* 19 (3): 218-222. Eng. Sum. 1973

084670 SF481.P64
Nutrition & its relation to poultry health. Healy, J S *Poult Guide* 10 (3): 24-29. Mar 1973

084671 SF481.P64
Pigments in egg yolk. [Animal nutrition]. Som, R *Poult Guide* 10 (3): 44-45, 48-52. Mar 1973

084672 SF481.P64
Economise on costly feed. [Chickens]. Khan, S A *Poult Guide* 10 (4): 44-46. Apr 1973

084673 S11.P73
Correct feed management – better economics for milk production. (Swe) Elovsson, B *Prakt Lantbruk* 14, 46 P. 1972

084674 281.9 B87
Wheat for production of young cattle. (Fre) Pous, M de *Prod Agr Fr* 49 (129): 16-18. May 1, 1973

084675 S19.P7
Essentials of feeding dairy cattle. Tomar, S S *Progr Farming* 9 (8): 4-5. Apr 1973

084676 41.8 R24
Recent data concerning use of sugar in animal nurtition. II. Sugar in rations. (Fre) Ferrando, R *Rec Med Vet* 149 (5): 615-628. Ref. Eng. Sum. May 1973

084677 100 N81R
Cattle, sheep perform well on urea supplement. Thompson, L H *Res Farming (n C Sta)* 30 (1/4): 14. Summer 1972/Spring 1973

084678 HD1491.S9U52
Are brown eggs of present interest? [Laying hens, feeding]. (Fre) Pfirter, H P *Rev UFA (union Fed Coop Agric Suisses)* 2: 18-22. Mar 1973

084679 HD1491.S9U52
Results of Union of Federations of Swiss Agricultural Cooperatives testing center of Spych in matter of fattening cattle. (Fre) Schlup, U *Rev UFA (union Fed Coop Agric Suisses)* 2: 5-8. Mar 1973

084680 20.5 R59 SER. B
Use of protein preparations obtained from skim milk & butter-milk in animal feeding. (Pol) Lewicki, C *Rocz Nauk Roln Ser B Zootech* 94 (2): 109-121. Ref. Eng. Sum. 1972

084681 20.5 R59 SER. B
Jubilee of Prof. Dr. Franciszek Abgarowicz. [Animal nutrition]. (Pol) Witczak, F *Rocz Nauk Roln Ser B Zootech* 94 (2): 11-13. 1972

084682 20.5 R59 SER. B
Influence of rapeseed oil meal in rations of pregnant dam on their progeny. [Ewes, sows, hens]. (Pol) Gawecki, K *Rocz Nauk Roln Ser B Zootech* 94 (2): 15-29. Ref. Eng. Sum. 1972

084683 20.5 R59 SER. B
Differently treated rapeseed oil meals for fattening pigs. (Pol) Ruszczyc, A *Rocz Nauk Roln Ser B Zootech* 94 (2): 31-42. Ref. Eng. Sum. 1972

084684 20.5 R59 SER. B
Use of synthetic fatty acids, their sodium soaps & synthetic amino acids in fattening pigs. (Pol) Ostrowski, H *Rocz Nauk Roln Ser B Zootech* 94 (2): 43-53. Ref. Eng. Sum. 1972

084685 20.5 R59 SER. B
Replacement of ground barley & steamed potatoes by dried potatoes in fattening pigs. (Pol) Schmidt, F *Rocz Nauk Roln Ser B Zootech* 94 (2): 55-67. Ref. Eng. Sum. 1972

084686 20.5 R59 SER. B
Dried sugar beet slices for fattengin pigs. (Pol) Seidler, S A *Rocz Nauk Roln Ser B Zootech* 94 (2): 69-76. Ref. Eng. Sum. 1972

084687 20.5 R59 SER. B
Evaluation of feed mixtures for calves. (Pol) Wojciak, M *Rocz Nauk Roln Ser B Zootech* 94 (2): 77-87. Ref. Eng. Sum. 1972

084688 20.5 R59 SER. B
Nutritive value of chemically prepared rape straw. [Wethers]. (Pol) Chomyszyn, M *Rocz Nauk Roln Ser B Zootech* 94 (2): 89-108. Ref. Eng. Sum. 1972

084689 20.5 R59 SER. B
Jubilee of Prof. Dr. Jozef Dubiski. [Animal nutrition]. (Pol) Lewicki, C *Rocz Nauk Roln Ser B Zootech* 94 (2): 9-10. 1972

084690 20.5 R59 SER. B
Effect of biologically nisinised silage on milk yield & composition in dairy cows. (Pol) Namiotkiewicz, J *Rocz Nauk Roln Ser B Zootech* 94 (3): 19-27. Ref. Eng. Sum. 1972

084691 20.5 R59 SER. B
Dried potatoes & dried sugar beet pulp as energy source in rations containing urea for fattening cattle. (Pol) Kuhl, W *Rocz Nauk Roln Ser B Zootech* 94 (3): 7-18. Ref. Eng. Sum. 1972

084692 20.5 R59 SER. B
Amino acid requirement of growing pigs. I. Estimation of requirement of lysine. [Feeding]. (Pol) Ostrowski, H *Rocz Nauk Roln Ser B Zootech* 94 (3): 75-87. Ref. Eng. Sum. 1972

084693 20.5 R59 SER. B
Effect of length of fasting of bacon pigs before slaughter on live weight & carcass yield. (Pol) Buchwald, W *Rocz Nauk Roln Ser B Zootech* 94 (3): 89-97. Ref eng. Sum. 1972

084694 501 L84B
Nutrition of ruminant animals in relation to intensive methods of agriculture. Blaxter, K L *Roy Soc London Proc Ser B Biol Sci* 183 (1073): 321-336. Ref. July 3, 1973

084695 275.249 SO8
Urea for grazing sheep & cattle. [Dietary supplement]. Carr, P M *S Aust Dep Agr Ext Bull* 12, 8 P. 1973

084696 S13.S55
Growth & development of baby pigs with early weaning. [Feeding, costs]. (Rus) Shneider, R V *Sib Vestn S-kh Nauk* 2: 105-107. Mar/Apr 1973

084697 S13.S55
Effectiveness of using feed mixtures in rations of lactating cows. (Rus) IUrgin, S A *Sib Vestn S-kh Nauk* 2: 51-57. Mar/Apr 1973

084698 SF601.S8
'molasses toxicity' in Cuba. [Beef, Sugarcane, feeding]. Edwin, E E *State Vet J* 28 (82): 13-16. Jan 1973

084699 46.8 SU3
Feed formulation for piglets. (Ita) *Suinicoltura* 14 (2): 5-32. Ref. Feb 1973

084700 41.9 SV23
Pellet feeding of swine. (Swe) Andersoon, L *Svensk Veterinartidn* 25 (11): 389-390. June 1973

084701 11 T439
Perservation by artificial drying, ensiling, & haymaking. [Forage plants]. (Dan) Winther, P *Tidsskr Planteavl* 77 (2): -69-283. Ref. Eng. Sum 1973

084702 8 T445
Phosphorus supplementation for young cows on pastures. (Spa) Zavala, M A *Tierra (mexico)* 28 (5): 363-365. May 1973

084703 49 T445
Evaluation by farm management, fattening of bulls with concentrated feed. (Ger) Steinhauser, H *Tierzuchter* 25 (5): 193-197. May 5, 1973

084704 49 T445
Problem of production technique concerning bull fattening on pasture. (Ger) Bohle, H *Tierzuchter* 25 (5): 197-200. May 5, 1973

084705 41.8 T431
Shortage of drinking water for calves. (Dut) Jorna, T *Tijdschr Diergeneesk* 98 (10): 491-493. Eng. Sum. May 15, 1973

084706 41.8 T431
A veterinary approach to relationship between diet & milk fever on farms. (Dut) Haalstra, R T *Tijdschr Diergeneesk* 98 (11): 529-537. Ref. Eng. Sum. June 1, 1973

084707 QL229.C9T6
Study of different energy sources (raw sugar & yellow corn) & protein (Torula yeast, fish meal & Torula supplemented with fat & methionine) in broiler rations. (Spa) Paliev, H *Torreia* (New Ser.) 24, 22 P. Eng. Sum. Oct 30, 1972

084708 26 T754
Cattle diet on Ankole rangeland at different seasons. [Uganda]. Harrington, G N *Trop Agr (st Augustine)* 50 (3): 211-219. Ref. July 1973

084709 26 T754
Effect of level of inclusion of citrus meal on digestibility of a concentrate diet for sheep in Trinidad. Devendra, C *Trop Agr (st Augustine)* 50(3): 211-244. July 1973

084710 SB197.A1T7
Influence of rainfall on nutritive value of a semi-arid mulga pasture in south-west queensland. [Beef cattle]. Newman, D M R *Trop Grasslands* 7 (1): 143-147. Mar 1973

084711 SB197.A1T7
Community utilization by cattle & kangaroos in mulga near Alice Springs, [Northern Territory]. [Australis, Acacia aneura, ranges]. Low, B S *Trop Grasslands* 7 (1): 149-456. Ref. Mar 1973

084712 24 T839
Phosphorous, calcium, sodium & potassium content of feeds of Tunisian origin: Study of possibilities of covering needs of animals in these elements. (Fre) Schmidt-Burr, H *Tunis Inst Rebois Doc Tech* 58, 25 P. Ref. Apr 1972

084713 A99.9 F7652P
Rest-rotation grazing at Harvey Valley ... Range health, cattle gains, costs. Ratliff, R D *U S Forest Serv Res Pap PSw* 77, 24 P. Ref. 1972

084714 41.8 V6456
Current trends in small animal nutrition. [Dogs, cats]. Edney, A *Vet Annu* 13Th: 194-199. Ref. 1972 (Pub. 1973)

084715 41.8 J93
Effect of easily digestible carbohydrates from feed on reproduction of sows. (Cro) Miskovic, M *Vet Glas* 26 (12): 893-898. Ref. Eng. Sum. 1972

084716 41.8 M69
Force-feeding of nutrient slurry to feedlot cattle another approach to problem of stress. Wohler, W H *Vet Med/small Anim Clin* 68 (7): 775-776. July 1973

084717 41.8 V641
Some aspects of ewe nutrition. Robinson, J J *Vet Rec* 92 (23): 602-606. Ref. June 9, 1973

084718 41.8 V641
Escherichia coli antigens as dietary additives for oral immunisation of pigs: trials with pig creep feeds. Porter, P *Vet Rec* 92 (24): 630-636. Ref. June 16, 1973

084719 41.8 V641
A nutritional monitoring system for dairy herds based on blood glucose, urea & albumin levels. [Cattle]. Blowey, R W *Vet Rec* 92 (26): 691-696. Ref. June 30, 1973

084720 41.8 V6494
A study of content & relations of amino acids in liver & muscle of rats fed different quantities of casein. (Cro) Milenkovic, M *Veterinaria (Sarajevo)* 21 (3): 337-346. Ref. Eng. Sum. 1972

084721 41.8 V6494
Nutritive value of sheep rations containing various levels of paper. (Cro) Nishimuta, F J *Veterinaria (Sarajevo)* 21 (3): 409-413. 1972

084722 41.8 V6494
Effect of various preservation methods on nutritive value of corn grain. [Rats]. (Cro) Delic, I *Veterinaria (Sarajevo)* 21 (4): 505-510. Eng. Sum. 1972

084723 41.8 V6494
Yield distribution & possibility of utilization of grass legume mixture for grazing cattle in dependence upon nitrogen in lowland region of Serbia. (Cro) Ocokoljic, S *Veterinaria (Sarajevo)* 21 (4): 517-522. Ref. Eng. Sum. 1972

084724 41.8 V6439
Nutrition of cattle in large-scale farming conditions. (Cze) Vesely, Z *Veterinarstvi* 23 (2): 60-61. 1973

084725 20 AK1
Biological value of alfalfa flour dried artificially & stabilized with Santoquin in connection with poultry feeding. (Rus) Murusidze, D N *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 5: 31-32. May 1973

084726 105.2 V61V
Chemical, nutritional & physiological aspects of animal & vegetable fats in milk replacers for veal calves. (Dut) Veen, W A G *Wageningen Cent Landouwpubl Landbou Verslag Landbouwkund Ore* 752, 50 P. Ref. Eng. Sum. 1973

084727 TD201.W38
Food from sewage? It can be done. [Feed]. Young, L J *Water Wastes Eng* 10 (6): 47-50. June 1973

084728 100 W75R
Nitrate-vitamin A relationship in a growing-finishing (G F) swine diet. Grummer, R H *Wis Agr Exp Sta Res Rep* 2498, 4 P. May 1973

084729 389.8 Z35
Influence of dietary vitamin E & fat on depletion of a cholesterol depot in liver of chicks. Sondergaard, E *Z Ernahrungswiss* 12 (1): 1-9. Ref. Mar 1973

084730 41.8 Z5
Studies on the fatty liver problem of the laying hen. III. The influence of restrictive feeding on laying ability and egg weight at the beginning of the laying period. (Ger) Sallmann, H P *Zentralbl Veterinarmed Reihe A* 20 (3): 222-232. Eng. Sum. Apr 1973

084731 49 Z6
Yield capacity of pastures & feed quality in relation to amount & dates of grazing. (Rus) Mel'nichuk, V P *Zhivotnovodstvo* 5: 40-42. May 1973

084732 49 Z6
Food wastes as a supply for increasing fattening of swine. (Rus) Marushkin, V A *Zhivotnovodstvo* 5: 48-52. May 1973

084733 49 Z6
Milk & butter quality in relation to feeding cows pellets of straw-grain mixture. (Rus) Bezenko, T I *Zhivotnovodstvo* 5: 53-55. May 1973

084734 49 Z6
Mechanization of information retrieval in livestock feeding. (Rus) Pushkarskii, V G *Zhivotnovodstvo* 5: 70-74. May 1973

084735 49.9 C33
Course of postpartum period in dairy cows fed different types of rations. (Cze) Polasek, M *Zivocisna Vyroba* 18 (1): 1-10. Ref. Eng. Sum. Jan 1973

084736 49.9 C33
Experience with application of glypondin in pig & broiler fattening. (Cze) Bartosova, J *Zivocisna Vyroba* 18 (1): 43-52. Eng. Sum. Jan 1973

084737 49.9 C33
Correlation relations of basic indices of carcas analysis of fattening bullocks. (Slo) Mechirova, A *Zivocisna Vyroba* 18 (2): 135-142. Eng. Sum. Feb 1973

084738 49.9 C33
Carcass value of fattened bullocks of Bohemian Pied of Red Danish, & of Black Pied Lowland cattle. (Cze) Franc, C *Zivocisna Vyroba* 18 (2): 143-158. Ref. Eng. Sum. Feb 1973

084739 49.9 C33
Milk efficiency of cows of an age of up to 5 years in case of early covered heifers. (Cze) Miksik, J *Zivocisna Vyroba* 18 (2): 85-92. Ref. Eng. Sum. Feb 1973

LIVESTOCK BREEDING

084740 QH431.G44
Genetics & animal breeding. (Cro) Locniskar, F *Acta Biol Iugosl Ser F Genet* 4 (2): 267-273. Ref. Eng. Sum. 1972

084741 448.8 AC85
Changes in plasma levels of prolactin & luteinizing, hormone induced by luteolytic or luteotrophic treatment in intact cycling sheep after section of pituitary stalk. Kann, G *Acta Endocrinol* 73 (4): 625-634. Ref. Aug 1973

084742 448.8 AC85
Luteolytic effects of oestradiol after hypophysectomy or pituitary stalk section in cycling sheep. Denamur, R *Acta Endocrinol* 73 (4): 635-642. Ref. Aug 1973

084743 281.9 N632
To question of minimum concentration of cow breeding & calves rearing. (Slo) Hrmo, V *Acta Oper-Oecon* 24: 5-12. Eng. Sum. 1972

084744 256.13 AG82M
Selecting beef cattle for marketing. Wright, D *Agric North Irel* 48 (1): 19-21. May 1973

084745 21.5 AG84
Swine farm of PIK 'Sljeme, SSvete, near Zagreb: fecundity of sows of dutch Landrace. (Cro) Jaksic, S *Agron Glas* 36 (7/8): 393-404. Eng. Sum. 1972

084746 21.5 AG84
Direct influence of boar on impregnation of sows & on their fecundity. (Cro) Zaletel, I *Agron Glas* 36 (7/8): 413-418. Ref. Eng. Sum. 1972

084747 442.8 AL6
Heterosis in two-line hybrids of broiler type. [Poultry]. (Rus) Balanina, O V *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 1: 82-86. Jan/Feb 1973

084748 24 AL2
Post-puberty estrus cycle & gestation period of female Angora goats. Badawy, A M *Alexandria J Agr Res* 20 (1): 27-30. June 1972

084749 11 AL8K
Crossbreeding – echo sounding results. [Swine]. (Swe) Stridh, B *Alvsborgs Lans Sodra Hushallningssallsk Tidskr* 4: 6-7. June 1973

084750 41.9 AM36
Management of sterility & obstetrical problems in bitch. Bardens, J W *Amer Anim Hosp Ass Proc* 40Th: 264-267. 1973

084751 41.9 AM36
Breeding & kennel management. [Dogs]. Huff, R W *Amer Anim Hosp Ass Proc* 40Th: 30-35. 1973

084752 41.9 AM36
Artificial insemination. [Dogs]. Huff, R W *Amer Anim Hosp Ass Proc* 40Th: 36-37. 1973

084753 41.9 AM36
Pregnancy management program. [Dogs]. Huff, R W *Amer Anim Hosp Ass Proc* 40Th: 38. 1973

084754 41.9 AM36
Genetics in small animal medicine. Patterson, D F *Amer Anim Hosp Ass Proc* 40Th: 389-399. Ref. 1973

084755 41.8 AM3A
Concentrations of glutathione precusors in erythrocytes of normal & glutathione-deficient sheep. Smith, J E *Amer J Vet Res* 34 (6): 847-848. June 1973

084756 41.8 AM3A
Histoenzymologic evaluation of metabolic patterns in bovine follicular oocytes. Kenney, R M *Amer J Vet Res* 34 (7): 893-900. Ref. July 1973

084757 41.8 AM3A
Swine semen buffering systems. Poole, H R *Amer J Vet Res* 34 (7): 901-902. Ref. July 1973

084758 303.9 AM32
Vertical fiber hide defect: biopsy study of twin cattle furnishes further proof of genetic origin, disproof of feeding influence. Hannigan, M V *Amer Leather Chem Ass J* 68 (7): 270-282. Ref. July 1973

084759 40.2 AM35
How to get rid of recessive genes. [Rabbits]. Lasley, J F *Amer Rabbit Breeders Ass Offic Guide Year Book* P. 100-108. 1972

084760 40.2 AM35
Palpating domestic rabbits to determine pregnancy. Suitor, A E *Amer Rabbit Breeders Ass Offic Guide Year Book* P. 57-59. 1972

084761 49 C43
Recent research on synchronization of estrous cycle in livestock breeding. 2. (Jap) Takeuchi, S *Anim Husb (tokyo)* 27 (5): 7-12. Ref. May 1973

084762 49 C43
Current progress of world research in livestock breeding. 3. (Jap) Nishikawa, Y *Anim Husb (tokyo)* 27 (5): 83-86. May 1973

084763 49 C43
Varieties & traits of tropical cattle Zebu. 2. (Jap) Masaki, J *Anim Husb (tokyo)* 27 (6): 25-30. Ref. June 1973

084764 49 C43
Improvement of broiler breeder in past 10 years. (Jap) Komai, T *Anim Husb (tokyo)* 27 (6): 3-7. June 1973

084765 49 C43
Laboratory animals: production & management. 8. [Breeding]. (Jap) Ino, T *Anim Husb (tokyo)* 27 (6): 93-98. June 1973

084766 49 C43
Recent progress in world livestock breeding. 4. (Jap) Nishikawa, Y *Anim Husb (tokyo)* 27 (6): 99-102. June 1973

084767 49 AN55
Long-term supperssion of heat in cattle with implants of melengestrol acetate. Roche, J F *Anim Prod* 16 (3): 245-250. Ref. June 1973

084768 49 AN55
Variation in concentration of copper in blood plasma of Finnish Landrace & Merino sheep & their crosses with reference to reproductive performance & age. Hayter, S *Anim Prod* 16 (3): 261-269. Ref. June 1973

084769 49 AN55
Milk & herbage intakes by grazing lambs born to Merino ewes & sired by Merino, Border Leicester, Corriedale, Dorset Horn & Southdown rams. Langlands, J P *Anim Prod* 16 (3): 285-291. June 1973

084770 49 AN55
A note on genetic variation in fatty acid composition of cow milk. Edwards, R A *Anim Prod* 16 (3): 307-310. Ref. June 1973

084771 49 AN55
Apparent heterozygote excess at amylase I locus in. Spooner, R L *Anim Prod* 169 (3): 209-214. June 1973

084772 41.8 EX7
Managanese deficiency in ruminants. 2. Influence of manganese supply on reproductive performance & ejaculate composition. (Ger) Groppel, B *Arch Exp Veterinarmed* 27 (2): 383-386. Ref. Eng. Sum. Apr 1973

084773 46.9 AS5
Good pigs of to-day is our aim for tomorrow. (Spa) Verges, J B *Asoc Argent Criadores Cerdos Rev* 52 (607): 19, 21. Mar 1973

084774 46.9 AS5
Selection of animals for reproduction in swine rearing. (Spa) Labarthe, C A *Asoc Argent Criadores Cerdos Rev* 52 (607): 25, 27, 29. Mar 1973

084775 41.8 AU1
Circulating hormone levels in cycling beagle. Masken, J F *Auburn Vet* 29 (3): 125-127. Spring 1973

084776 41.8 AU72
A survey of genitalia of bulls in Northern Australia. Ladds, P W *Aust Vet J* 49 (7): 335-340. Ref. July 1973

084777 41.8 AU72
A serological study of bovine foetal immunoglobulins. Horner, G W *Aust Vet J* 79 (7): 325-329. Ref. July 1973

084778 442.8 AU72
Effect of storage of rabbit spermatozoa at -79 degrees C on their subsequent transport & fertility in rabbit doe. Murdoch, B E *Australian J Biol Sci* 26 (3): 645-651. Ref. June 1973

084779 23 AU792
Comparative drought resistance of Bos Indicus & Bos Taurus crossbred herds in Central Queensland. 2. Relative mortality rates, calf birth weights, & weights & weight changes of breeding cows. Frisch, J E *Australian J Exp Agr Anim Husb* 13 (61): 117-126. Ref. Apr 1973

084780 23 AU792
Comparative mortality rates of Bos indicus & Bos taurus cattle in central Queensland. Frisch, J E *Australian J Exp Agr Anim Husb* 13 (61): 127-133. Ref. Apr 1973

084781 SF95.A9
Production of meat from Aragon sheep. (Spa) Sierra Alfranca, I *Av Aliment Mejora Anim* 14 (3): 139-142, 145-148, 151-152. Mar 1973

084782 47.8 R523
Rearing of Barbary ducks for meat. (Ita) Zanoni, G *Avicoltura* 42 (4): 57-59. Apr 1973

084783 16 AV9
Report on calcium, phosphorus & fertility in cattle. (Ita) *Avvenire Agr* 81 (1): 13-16. Jan 1973

084784 40.19 AM3
Nubians of tomorrow. [Goats, breeds]. Randall, W *AGS Year Book (am Goat Soc Inc)* P. 36-38. 1972

084785 SF191.K4
Swine: feeding & managing gestating sows. Whiteker, M D *ASC Dep Anim Sci Univ Ky Coop Ext Serv* 19, 1 P. Oct 1972

084786 47.8 B26
Recent results of artificial insemination of geese in Hungary. (Hun) Koplik, Mrs K E *Baromfiipar* 20 (3): 118-122. 1973

084787 18 B329
Successful crossbreeding. [Swine]. (Ger) Groskreutz, K A *Bauernblatt Schleswig Holstein, Schleswig Holsteinischen Lan Dpost* 27 (20): 1756-1757. May 19, 1973

084788 18 B329
Reminder to Holstein-Friesian breeder. (Ger) Gravert, H O *Bauernblatt Schleswig Holstein, Schleswig Holsteinischen Lan Dpost* 27 (22): 1928-1930. June 2, 1973

084789 S560.B54
Quality lamb out of season. West, G *Big Farm Manage* P. 30. May 1973

084790 382 B52
N-acetylhexosaminidase of ram testis & epididymis. Bullock, S *Biochem J* 133 (3): 593-599. Ref. July 1973

084791 381 B523
Effect of estrogen on gene expression in chick oviduct. I. Deoxyribonucleic acid – deoxyribonucleic acid renaturation studies. Rosen, J M *Biochemistry* 12 (15): 2803-2809. Ref. July 17, 1973

084792 381 B523
Effect of estrogen on gene expression in chick oviduct. II. Transcription of chick tritiated unique deoxyribonucleic acid as measured by hybridization in ribonucleic acid excess. Liarakos, C D *Biochemistry* 12 (15): 2809-2816 ref. July 17, 1973

084793 381 B522
Evidence for a peptidic factor in spermatozoa inhibiting ovarian maturation. [Bulls]. Lugaro, G *Biochim Biophys Acta* 304 (3): 719-724. Ref. May 28, 1973

084794 381 B522
Energy conservation capacity & morphological intergrity of mitochondria in hypotonically treated rabbit epididymal spermatozoa. Keyhani, E *Biochim Biophys Acta* 305 (3): 557-569. Ref. June 28, 1973

084795 QL876.B5
Evidence for progestational priming of estradiol-induced luteal regression in ewe. Warren, J E *Biol Reprod* 8 (4): 435-440. Ref. May 1973

084796 QL876.B5
Relationship between sperm transport & penetration of eggs in rabbit oviduct. Harper, M J K *Biol Reprod* 8 (4): 441-450. Ref. May 1973

084797 QL876.B5
Infertility in female guinea pigs injected with testis. Kiddy, C A *Biol Reprod* 8 (5): 545-549. Ref. June 1973

084798 QL876.B5
Effects of cyclic nucliotide phosphodiesterase inhibitors on ejaculated porcine spermatozoan metabolism. Garbers, D L *Biol Reprod* 8 (5): 599-606. Ref. June 1973

084799 QL876.B5
Influence of age on response of rat stem spermatogonia to gamma-radiation. Erickson, B H *Biol Reprod* 8 (5): 607-612. Ref. June 1973

084800 QL876.B5
Effect of selenium, vitamin E, & antioxidants on testicular function in rats. Wu, S H *Biol Reprod* 8 (5): 625-629. Ref. June 1973

084801 389.8 B773
Effect of litter size upon foetal growth rate & placental transfer of calcium & phosphorus in superovulated Scottish half-bred ewes. Twardock, A R *Brit J Nutr* 29 (3): 437-446. Ref. May 1973

084802 41.8 V643
Effect of Eimeria acervulina on reproductive potentials of four other species of chicken coccidia during concurrent infections. Williams, R B *Brit Vet J* 129 (3): Xxix-xxxi. May/June 1973

084803 44.8 B98
Dairy fertility study. Peterson, R G *Butter-fat* 51 (3): 20-22. May/June 1973

084804 412.9 C71Q
Experimental breeding of Hungarian partridge. Hoffman, D M *Colo Dep Game Fish Parks Game Res Rep* w-37R-25: 53-68. Apr 1972

084805 80 C83
Beef over two decades. [Bulls, testing]. Sexton, H G C *Country Life (london)* 153 (3966): 1899-1900. June 28, 1973

084806 104 D41A
Reproduction in mink. Venge, O *Denmark Vet-landbohojsk Arsskr* 226: 95-146. Ref. 1973

084807 412.628 D48
Federal Research Institute for Breeding Small Animals at Celle. (Ger) Mehner, A *Deut Pelztierzuchter* 47 (4): 68-71. Apr 1, 1973

084808 41.8 D482
Experiments on course & control of sexual development of female pigs. III. Experiments to induce ovulation & to obtain ova in female pigs of German Landrace at age of 15 weeks. (Ger) Ostermann, L *Deut Tierarztl Wochensch* 80 (11): 254-257. Ref. Eng. Sum. June 1, 1973

084809 41.8 D482
Clinical findings in testes & fertility prognosis in young bulls. (Ger) Aehnelt, E *Deut Tierarztl Wochensch* 80 (13): 293-298. Ref. Eng. Sum. July 1, 1973

084810 24 EA74
Heritability & economic importance of nipple numbers in swine at University of Ibadan. Oluyemi, J A *East Afr Agr Forest J* 38 (3): 215-217. Jan 1973

084811 43.8 EL22
Control of civil state by blood groups, 1971-1972 season. [Livestock]. (Fre) Lherminier, P *Elev Insemination* 134: 17-22. Mar 1973

084812 49 B462
To safeguard variability of genetic partimony, a possible return to ignored breeds. [Cattle]. (Fre) Vissac, B *Elevage* 19: 61-63, 65, 67, 69. June 1973

084813 49 B462
After ten years of delay, return to swine artificial insemination. (Fre) Negrerie, M *Elevage* 19: 81, 83, 85-86. June 1973

084814 105.8 G36E
Genetical aspects of fatty acid composition of milk fat. (Ger) Kosmack, U *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 199-207. 1972

084815 TX341.F3
Crossbreeding for commercial pig produceer. McGloughlin, P *Farm Food Res* 4 (2): 28-30. Mar/Apr 1973

084816 24 SO842
Test performance to increace production. [Livestock breeding]. Hofmeyr, J H *Farming S Afr* 48 (12): 12-13, 15-17. Mar 1973

084817 SF1.A4
University of Alberta beef breeding project. Berg, R T *Feeders' Day Dep Anim Sci Univ Alberta* 52: 25-31. 1973

084818 281.8 G25
Potential modernization of sheep-breeding in Hungary. (Hun) Veress, L *Gazdalkodas* 17 (4): 25-33. Ref. Eng. Sum. 1973

084819 442.8 G28
Effects of population size & selection intensity on correlated responses to selection for postweaning gain in mice. Eisen, E J *Genetics* 74 (1): 157-170. Ref. May 1973

084820 SF604.H4
Sexual activity in birds. [Poultry, physiology. (Gre) Aspiotes, N *Hell Kteniatr Hell Vet Med* 15 (4): 182-189. Eng. Sum. Oct-Dec 1972

084821 44.8 H65
'Hasten slowly' when it is calving time. Allenstein, L C *Hoards Dairyman* 118 (12): 768-769. June 25, 1973

084822 44.8 H65
Management determines conception rates. [Cattle, breeding]. Herman, H A *Hoards Dairyman* 118 (12): 784. June 25, 1973

084823 99.82 H742
Phenomena of change of spiral grains. [Wood]. (Ger) Scheiber, C *Holzindustrie* 26 (5): 151-155. May 1973

084824 44.8 IN282
Breeding programmes for maximising genetic progress in large herd of Zebu-European crossbred dairy cattle. Moulick, S K *Indian Dairyman* 25 (2): 67-74. Feb 1973

084825 41.8 IN22
A comparative study on reproductive performance of certain native (Bikaneri, Mandia), exotic (Romney Marsh, Corriedale) & half-bred (Corriedale x Bikaneri) breeds of sheep under tropical conditions. Sahni, K L *Indian J Anim Sci* 42 (10): 819-823. Oct 1972

084826 SF481.I5
Relative efficiency of some of intrapopulation selection methods for part record egg production in chickens. Ahuja, S D *Indian J Poultry Sci* 8 (1): 50-58. Ref. Jan/Mar 1973

084827 41.8 IN2
A study on performance of cross-bred grades of Friesian & Sahiwal. [Cattle]. Verma, S K *Indian Vet J* 50 (3): 251-256. Mar 1973

084828 41.8 IN2
Studies on reproductive behaviour of Surti buffaloes. Rao, B R *Indian Vet J* 50 (3): 257-264. Mar 1973

084829 41.8 IN2
A case of foetal dystocia due to twins. Verma, S K *Indian Vet J* 50 (3): 287-289. Mar 1973

084830 49 IN3
Artificial insemination of swine in Netherlands. (Ita) Willems, C M *Inform Zootec* 20 (8): 13-14. Apr 21, 1973

084831 49 J82
An analysis of reproductive traits in beef cattle. Dearborn, D D *J Anim Sci* 36 (6): 1032-1043. June 1973

084832 49 J82
Growth traits in straightbred & reciprocally crossed Angus, Hereford & Charolais steers. Lasley, J F *J Anim Sci* 36 (6): 1044-1056. June 1973

084833 49 J82
Development of muscle fibers in fetal pig. Ashmore, C R *J Anim Sci* 36 (6): 1088-1093. June 1973

084834 49 J82
Effects of an antibiotic & flushing on performance of sows with short farrowing intervals. Myers, D J *J Anim Sci* 36 (6): 1125-1128. Ref. June 1973

084835 49 J82
Effect of placental gonadotropin on pregnancy rate in bovine. Wagner, J F *J Anim Sci* 36 (6): 1129-1136. Ref. June 1973

084836 49 J82
Effect of superovulation on litter size of swine at 70 days of gestation. Deneke, W A *J Anim Sci* 36 (6): 1137-1138. June 1973

084837 49 J82
Synchronization of estrus & ovulation in mare with methallibure. First, N L *J Anim Sci* 36 (6): 1143-1148. June 1973

084838 49 J82
Potential uses of prostaglandins in control of reproductive cycles of domestic animals. Inskeep, E K *J Anim Sci* 36 (6): 1149-1157. Ref. June 1973

084839 49 J82
Endocrine physiology of puerperal sow. Molokwu, E C I *J Anim Sci* 36 (6): 1158-1163. Ref. June 1973

084840 49 J82
Effects of four genetic groups & two levels of feeding on ovulation rate & follicular development in puberal gilts. Clark, J R *J Anim Sci* 36 (6): 1164-1169. Ref. June 1973

084841 49 J82
Induction of parturition in swine & rabbits with corticosteroid dexamethasone. North, S A *J Anim Sci* 36 (6): 1170-1174. Ref. June 1973

084842 49 J82
Phenotypic corrleations between dam traits expressed during development & lactation & traits of progeny in cattle. Hohenboken, W D *J Anim Sci* 37 (1): 1-10. Ref. July 1973

084843 49 J82
Evaluating relationships among immature measures of size, shape & performance of beef bulls. III. realtionships between post-weaning test performance & size & shape at twelve months. [Hereford cattle, Angus cattle]. Brown, J E *J Anim Sci* 37 (1): 11-17. July 1973

084844 49 J82
Local effect of pregnancy on corpus luteum in pig: modifications of uteroovarian anatomical relationship. Longenecker, D E *J Anim Sci* 37 (1): 111-113. July 1973

084845 49 J82
Utilization of frozen sections with vaginal biopsy technique for early pregnancy diagnosis in swine. Diehl, J R *J Anim Sci* 37 (1): 114-117. July 1973

084846 49 J82
Effect of anti-semen antibodies on embryonic survival in rabbits. Guidry, A J *J Anim Sci* 37 (1): 118-122. Ref. July 1973

084847 49 J82
Effects of various mating stimuli on LH[luteinizing hormone] surge & ovulation time following synchronization of estrus in bovine. Randel, R D *J Anim Sci* 37 (1): 128-130. Ref. July 1973

084848 49 J82
Effect of chlorpropamide on gravid swine & blood glucose & fructose in fetal pig. Wachholz, D E *J Anim Sci* 37 (1): 131-135. Ref. July 1973

084849 49 J82
Growth & reproductive performance of bulls & heifers fed purified & natural dies. VI. Growth, estrus, conception rate, gestation & milk production of females. Bond, J *J Anim Sci* 37 (1): 141-147. Ref. July 1973

084850 49 J82
Evaluation of purebreds & two-breed crosses in swine: feedlot performance & carcass merit. Johnson, R K *J Anim Sci* 37 (1): 18-26. Ref. July 1973

084851 44.8 J822
Jugular plasma concentrations of alpha animo nitrogen, amino acids, urea nitrogen, & glucose during bovine estrous cycle. Mason, B D *J Dairy Sci* 56 (6): 744-747. Ref. June 1973

084852 44.8 J822
Selection for type & production & influence on herd life of Holstein cows. Berger, P J *J Dairy Sci* 56 (6): 805-811. Ref. June 1973

084853 44.8 J822
Yield & protein composition in cows milked prepartum. Zeliger, Y *J Dairy Sci* 56 (7): 869-872. Ref. July 1973

084854 44.8 J822
Physiological, environmental, & hormonal factors at insemination which may affect conception. Gwazdauskas, F C *J Dairy Sci* 56 (7): 873-877. Ref. July 1973

084855 44.8 J822
Uterine changes associated with impaired fertility in dairy cow. Cupps, P T *J Dairy Sci* 56 (7): 878-884. July 1973

084856 44.8 J822
25-Hydroxycholecalciferol (25-OHD3) i. Treatment for parturient paresis. [Cows]. Olson, W G *J Dairy Sci* 56 (7): 885-888. Ref. July 1973

084857 44.8 J822
25-Hydroxycholecalciferol (25-OHD3) iI. Efficacy of parenteral administration in prevention of paturient paresis. [Cows]. Olson, W G *J Dairy Sci* 56 (7): 889-895. Ref. July 1973

084858 44.8 J822
Age adjustment of production records: history & basic problems. [Cattle breeding]. Freeman, A E *J Dairy Sci* 56 (7): 941-946. Ref. July 1973

084859 448.8 J8293
Oestrone metabolism in pregnant & lactating goats. Challis, J R G *J Endocrinol* 57 (3): 451-457. Ref. June 1973

084860 442.8 J823
An application of principal component analysis in genetics. [Coconuts, cattle]. Abeywardena, V *J Genet* 61 (1): 27-51. Jul 1972

084861 442.8 J823
Genetic control & adaptive significance of blood potassium types in some indigenous & exotic breeds of sheep in India. Taneja, G C *J Genet* 61 (1): 64-77. Ref. Jul 1972

084862 442.8 AM3
Performance of crosses of quail selected under different environments. Marks, H L *J Hered* 64 (2): 73-76. Ref. Mar/Apr 1973

084863 442.8 AM3
Cytogenetics of superhorse. Marx, M B *J Hered* 64 (2): 95-98. Ref. Mar/Apr 1973

084864 447.8 J82
Gustatory sense in fetal sheep during last third of gestation. Bradley, R M *J Physiol (london)* 231 (2): 271-282. Ref. June 1973

084865 447.8 J82
Effects of a synthetic preparation of gonadotrophin releasing factor on pituitary & ovarian function in anestrous ewes. Crighton, D B *J Physiol (london)* 231 (2): 98p-99P. June 1973

084866 442.8 J8222
Effects of suckling & time to mating after parturition on reproduction in domestic rabbit. Foxcroft, G R *J Reprod Fertil* 33 (3): 367-377. June 1973

084867 442.8 J8222
Qualitative & quantitative micromorphological investigations of tertiary follicle population during oestrous cycle in sheep. Brand, A *J Reprod Fertil* 33 (3): 431-439. Ref. June 1973

084868 442.8 J8222
Effects of oestrogne, administered early or late in oestrous cycle, upon survival & regression of corpus luteum of guinea-pig. Illingworth, D V *J Reprod Fertil* 33 (3): 457-467. Ref. June 1973

084869 442.8 J8222
Reproductive status of female mink, Mustela vison, recorded as 'failed to mate'. Adams, C E *J Reprod Fertil* 33 (3): 527-529. June 1973

084870 442.8 J8222
Stability of spermatozoal deoxyribonucleo-protein during passage through bovine epididymis. Gledhill, B L *J Reprod Fertil* 33 (3): 531-534. Ref. June 1973

084871 442.8 J8222
Changes in peripheral plasma progesterone throughout oestrous cycle of pony mare. Sharp, D C *J Reprod Fertil* 33 (3): 535-538. Ref. June 1973

084872 442.8 J8222
Control of mare's oestrous cycle by prostaglandins. Allen, W R *J Reprod Fertil* 33 (3): 539-543. June 1973

084873 49 N62
Effects of pH [hydrogen-ion-concentration], sperm concentration, washing & substrate concentration on respiration & motility of goat spermatozoa. Fukuhara, R *Jap J Zootech Sci* 44 (5): 266-270 ref. May 1973

084874 49 N62
Effects of various substrates on respiration, glycolysis & motility of goat spermatozoa. Fukuhara, R *Jap J Zootech Sci* 44 (5): 271-274. Ref. May 1973

084875 45.9 K14
Birth weight of Karakul lamb-reasons for its variance. Matter, H E *Karakoeltelersver Suidwes-afr Jaarboek* P. 117-127. Ref. 1973

084876 105.9 H89
Electron-microscopic examination of goose-spermia, as a method of progeny testing & selection of poultry. (Hun) Veres, I *Kiserletugyi Kozlemenyek* 64B (1/3): 3-23. Eng. Sum. 1971 (Pub. 1973)

084877 HD1491.G3K6
Results & trends in cattle breeding. (Ger) Lenschow, J *Kooperation* 7 (5): 223-226. May 1973

084878 442.8 K84
Transplantation methods of fertilized ovum & their application to genetic & breeding research. [Livestock]. (Pol) Wlodarska-Czarnocka, A *Kosmos Ser A Biol* 22 (1): 17-25. Ref. 1973

084879 44.8 L35
Results of a first progeny test in production of meat from Brown Alpine cattle. I. Weight gain, feed consumption , body measurement, & meat yield. (Ita) Malossini, F *Latte* 42 (2): 101-106. Ref. Eng. Sum. Feb 1973

084880 49 L758
Getting above 'average'. [Cattle breeding]. De Baca, B *Livestock Breeder J* 16 (7): 196, 198-199. July 1973

084881 49 L758
Who is a breeder. [Beef cattle]. Wilson, L *Livestock Breeder J* 16 (7): 332-334. July 1973

084882 49 L758
Crossbreed by design, not chance. [Beef cattle]. Turner, J W *Livestock Breeder J* 16 (7): 58-60. July 1973

084883 41.8 M463
Some attempts to determine relationship between some indices of frozen semen & its fertilizing properties. [Bulls]. (Pol) Boryczko, Z *Med Wet* 29 (4): 239-241. Ref. Eng. Sum. Apr 1973

084884 19 M577
United States – Canadian Holstein-Friesian cattle in Europe. (Hun) Bozo, S *Mezogazdasagi Vilagirodalom* 15 (2): 123-127. Ref. 1973

084885 440.8 Z3
A simple method for short term cultures of 28 (3) days old pig's embryos. [Chromosome studies]. (Ger) Fuchs, U *Microsc Acta* 74 (1): 31-35. Ref. Eng. Sum. Apr 1973

084886 41.8 M742
Experience obtained from four years of artificial insemination of sheep in a herd. (Ger) Huhold, K *Monatsh Veterinarmed* 28 (10): 387-391. Ref. Eng. Sum. May 15, 1973

084887 41.8 M742
Ultrastructural findings in liquid conserved ram semen after use of different buffer substances. (Ger) Schleicher, J *Monatsh Veterinarmed* 28 (10): 391-395. Ref. Eng. Sum. May 15, 1973

084888 41.8 M742
Role of salmonellosis for cattle reproduction & fattening centres & steps for sanitation. [Salmonella dublin]. (Ger) Beduhn, M *Monatsh Veterinarmed* 28 (11): 412-414. Eng. Sum. June 1, 1973

084889 41.8 M742
Studies into oestrogen excretion of young female cattle afte r administration of chloromadinone acetate for synchronisation of heat. (Ger) Busch, W *Monatsh Veterinarmed* 28 (11): 428-431. Ref. Eng. Sum. June 1, 1973

084890 SF601.N4
Artificial insemination in turkeys & investigations into a diluent of turkey semen suitable for field use. Litjens, J B *Neth J Vet Sci* 2 (5): 148-158. May 1973

084891 41.8 N813
Intrauterine insemination with frozen semen in blue fox. [Arctic foxes]. Fougner, J A *Nord Vet Med* 25 (3): 144-14.. Mar 1973

084892 41.8 N813
Influence of male dog on litter size. (Nor) Lyngset, A *Nord Vet Med* 25 (3): 150-154. Eng. Sum. Mar 1973

084893 20.5 N86
Trends in development of pedigree livestock breeding. (Pol) Warchol, P *Nowe Roln* 22 (9): 9-11. May 1/15, 1973

084894 41.8 N922
Research about crossbreeding in order to increase production of lambs meat. (Ita) Manfredini, M *Nuova Vet* 48 (6): 347-359. Ref. Eng. Sum. Nov/Dec 1972

084895 23 AU75
Characters for beef cattle selection. Hopkins, I R *Pastoral Rev* 83 (4): 164-165. Apr 1973

084896 QP1.P4
Sexual behaviour of White Leghorn cocks bearing basal hypothalamic lesions in various locations. Perek, M *Physiol Behav* 10 (3): 479-484. Ref. Mar 1973

084897 QP1.P4
Functional castration of female Japanese quail. Adkins, E K *Physiol Behav* 10 (3): 619-621. Ref. Mar 1973

084898 41.8 P76
Seasonal changes in activity of genital system of ganders, in aspect of artificial insemination. I. (Pol) Chelmonska, B *Pol Arch Weter* 15 (3): 575-596. Eng. Sum. 1972

084899 41.8 P76
Seasonal changes in activity of genital system of ganders, in aspect of artificial insemination. II. (Pol) Chelmonska, B *Pol Arch Weter* 15 (3): 597-611. Ref. Eng. Sum. 1972

084900 41.8 P76
Sexual cycle in dwarf African & Toggenburg goats. (Pol) Jarosz, S J *Pol Arch Weter* 15 (3): 613-621. Ref. Eng. Sum. 1972

084901 19.5 P752
Dimensions & forms of body of Black Pied cows in first lactation & those of their progeny, reared in Czechoslovakia. (Slo) Gabris, J *Pol'nohospodarstvo* 19 (2): 138-145. Ref. Eng. Sum. 1973

084902 19.5 P752
Effect of caloric & protein additives administered to pregnant sows on fertility & fattening capacity of progeny. (Slo) Majerciak, P *Pol'nohospodarstvo* 19 (3): 193-201. Eng. Sum. 1973

084903 19.5 P752
Imunnogenetic characteristics of Slovac Blackspotted swines. (Slo) Linhart, J *Pol'nohospodarstvo* 19 (3): 223-228. Ref. Eng. Sum. 1973

084904 19.5 P752
A device for making work more effective in microscopic analysis of male gametes. (Slo) Massanyi, L *Pol'nohospodarstvo* 19 (3): 237-242. Eng. Sum. 1973

084905 41.8 P882
Effect of exogenic oxytocin on first insemination result of cattle. (Ger) Grunert, E *Prakt Tierarzt* 54 (6): 239-241. June 1, 1973

084906 281.9 B87
A complete selection program for Limousin cattle breed. (Fre) Ferrand, C *Prod Agr Fr* 49 (128): 29, 31. Apr 2, 1973

084907 281.9 B87
Selection stations for Limousin cattle breed. (Fre) Ferrand, C *Prod Agr Fr* 49 (129): 19-20. May 1, 1973

084908 334.8 R11
Effect of dose rate upon reproductive performance of White Leghorn hens & their progeny. Mraz, F R *Radiat Res* 54 (3): 549-555. Ref. June 1973

084909 41.8 R24
A case of sextuple pregnancy in a cow. (Fre) Grepinet, A *Rec Med Vet* 149 (5): 609-614. Eng. Sum. May 1973

084910 41.8 R24
Fifth international inquiry on artificial insemination in world. (Fre) Bonadonna, T *Rec Med Vet* 149 (5): 667-670. Eng. Sum. May 1973

084911 49 P943
Effect of heifer-breeding system on their reproduction potential. (Rum) Silvas, E *Rev Zootech Med Vet* 23 (4): 21-31. Ref. Eng. Sum. Apr 1973

084912 49 P943
Breeding of nursing animals – essential condition for improving stock breeding animals. (Rum) Vartic, M *Rev Zootech Med Vet* 23 (4): 32-34. Apr 1973

084913 49 P943
Concentration of Merino & Spanea sheep breeding on state farms in Dobrogea. (Rum) Moise, S *Rev Zootech Med Vet* 23 (4): 35-40. Apr 1973

084914 49 P943
Results as to Brown cattle grading on selected farms over 1972 year. (Rum) Alexoiu, A *Rev Zootech Med Vet* 23 (4): 5-20. Map. Eng. Sum. Apr 1973

084915 26 AG82
Reproductive aspects of horses of Mangalarga Paulista breed. (Ita) Carvalho, R L De *Riv Agr Subtrop Trop* 66 (4/9): 99-110. Ref. Eng. Sum. Apr/sept 1972

084916 20.5 R59 SER. B
Relation between serum protein pattern in dairy cows and pregnancy, milk production, ancestry and season. (Pol) Drozdzynska, M *Rocz Nauk Roln Ser B Zootech* 94 (3): 29-37. Ref. 1972

084917 20.5 R59 SER. B
Hemoglobin types of Polish Merino sheep & their use for excluding paternity. (Pol) Geringer, H *Rocz Nauk Roln Ser B Zootech* 94 (3): 39-45. Ref. Eng. Sum. 1972

084918 20.5 R59 SER. B
Phenotypic correlations between main production traits in longwool sheep. II. [Romney Marsh, Leine, Textel]. (Pol) Nawara, W *Rocz Nauk Roln Ser B Zootech* 94 (3): 47-54. Ref. Eng. Sum. 1972

084919 20.5 R59 SER. B
Relation between age & certain wool characters in Polish Merino sheep. (Pol) Maciejewska, M *Rocz Nauk Roln Ser B Zootech* 94 (3): 55-65. Ref. Eng. Sum. 1972

084920 20.5 R59 SER. B
An attempt to increase wool production in Polish Merino sheep by means of two selection methods. (Pol) Jelowicki, S *Rocz Nauk Roln Ser B Zootech* 94 (3): 67-73. Eng. Sum. 1972

084921 49.9 SCH92
Breeding ponies for riding. (Ger) Odink, H J *Schweiz Ver Tierzucht Schr* 43: 103-109. 1972

084922 49.9 SCH92
Breeding half-breeds & sport horses. (Ger) Haring, H *Schweiz Ver Tierzucht Schr* 43: 27-39. Ref. 1972

084923 49.9 SCH92
Breeding, keeping & use of horses in days of motorization. (Ger) Kiener, A *Schweiz Ver Tierzucht Schr* 43: 4-17. Ref. 1972

084924 49.9 SCH92
Surveying fertility of mares considering number of foals. (Ger) Leuenberger, H *Schweiz Ver Tierzucht Schr* 43: 51-61. 1972

084925 49.9 SCH92
Do crossings bring us cow we need? (Ger) Weber, F *Schweiz Ver Tierzucht Schr* 44: 19-30. 1973

084926 49.9 SCH92
Experiences with single crossing of Brown Swiss cattle in Wurttemberg. (Ger) Ott, A *Schweiz Ver Tierzucht Schr* 44: 7-18. 1973

084927 470 SCI2
Infertility in female rabbits immunized with lactate dehydrogenase X. Goldberg, E *Science* 181 (4098): 458-459. Aug 3, 1973

084928 442.9 SO1
Fertility & embryo survival after administration of melengestrol acetate in rabbits. Britt, J H *Soc Exp Biol Med Proc* 143 (3): 681-684. July 1973

084929 QH431.A1G43
Use of inbreeding with sheep of Kuibyshev breed. Erokhin, A I *Sov Genet* 6 (9): 1-197-1201. Ref. Sept 1970 Transl. May 1973

084930 SF601.S8
Breeding against liability to disease. [Livestock]. Wijeratne, W V S *State Vet J* 28 (82): 28-32. Ref. Jan 1973

084931 SF601.S8
VIIth International Congress on Animal Reproduction & Artificial Insemination. Jones, W A *State Vet J* 28 (82): 44-47. Jan 1973

084932 46.8 SU3
Experience in raising Belgian Landrace swine in Italy. (Ita) Bonini, V *Suinicoltura* 14 (2): 33-37. Feb 1973

084933 46.9 SV2
Crossbreeding – echo sounding resultts. [Swine]. (Swe) Stridh, B *Svinskotsel* 63 (5): 11. May 25, 1973

084934 46.9 SV2
English Yorkshire swine tested for Swedish swine improvement. (Swe) Larsson, L *Svinskotsel* 63 (5): 6-7. May 25, 1973

084935 46.9 SV2
Swedish Yorkshire – breed & its future. [Swine]. (Swe) Persson, J *Svinskotsel* 63 (5): 8-9. May 25, 1973

084936 464.8 SP2
Improving cattle production: future role of breed societies. Messerschmidt, H H *SPan (shell Publ Health Agr News)* 16 (1): 34-35. 1973

084937 HD1975.A6T4
Breed of Murge horses for better utilization of pastures. (Ita) Basile, A *Terra Pugliese* 22 (2/3): 67-68. Feb/Mar 1973

084938 HD1975.A6T4
Study of growth curve of Robusta Lionata. [Poultry, breeds]. (Ita) Sangiorgi, G *Terra Pugliese* 22 (4): 9-19. Apr 1973

084939 11 T43
Fertility in cattle. (Dan) Jensen, S G *Tidsskr Landokon* 160 (2): 131-134, 136-144. 1973

084940 49 T443
Situation & main tasks for 1973 for realization of breeding program in swine rearing. [East Germany]. (Ger) Baum, N *Tierzucht* 27 (5): 193-195. May 1973

084941 49 T445
Actual results of use of Holstein Friesians in breeding German Black Pied [cattle]. (Ger) Langholz, H J *Tierzuchter* 25 (5): 186-188, 190. May 5, 1973

084942 49 T445
Realization of a breeding program, presented by crossbreeding American Brown Swiss with German Brown cattle. (Ger) Ott, *Tierzuchter* 25 (5): 191-193. May 5, 1973

084943 41.8 T431
Examination for pregnancy in mares. (Dut) Leeuwen, W van *Tijdschr Diergeneesk* 98 (10): 483-491. Ref. Eng. Sum. May 15, 1973

084944 SF601.T7
Effect of age of female on fertility of Zebu cattle. Macfarlane, J S *Trop Anim Health & Prod* 5 (2): 128-132. Ref. May 1973

084945 SB197.A1T7
Reproductive performance of maiden ewes in mulga zone of south-western Queensland. [Australia]. McMeniman, N P *Trop Grasslands* 7 (1): 157-161. Ref. Mar 1973

084946 S3.T8
Bantengs – a new source of genes. [Cattle]. Kirby, G *Turnoff* 4 (1): 6-8. Sept 1972

084947 18 UB3
Change over to breeding sows. (Ger) Wagenbach, H *Ubersicht* 24 (5): 346-348. May 12, 1973

084948 41.8 J93
Subvention of artificial insemination of cows of individual producers in Macedonia. (Cro) Dzekov, A *Vet Glas* 26 (12): 879-880. 1972

084949 41.8 J93
Number & weight of young in two breeds of rabbits. [Belgian Hare, Chinchilla]. (Cro) Kuzmanovic, M *Vet Glas* 27 (1): 23-28. Ref. Eng. Sum. 1973

084950 41.8 J93
Our experiences in utilization of gilts from feedlots for breeding piglets. (Cro) Maksimovic, A *Vet Glas* 27 (1): 37-40. 1973

084951 41.8 J93
Some observations on horse breeding. (Cro) Kucinic, D *Vet Glas* 27 (2): 129-130. 1973

084952 41.8 J93
Secondary relations of sexes in two breeds of rabbits. (Cro) Kuzmanovic, M *Vet Glas* 27 (2): 87-91. Ref. Eng. Sum. 1973

084953 41.8 V641
Breeding for increased productivity. [Sheep]. Wiener, G *Vet Rec* 92 (23): 609-613. Ref. June 9, 1973

084954 41.8 V641
Autosomal translocations in two exotic breeds of cattle in New Zealand. Bruere, A N *Vet Rec* 92 (23): 615-618. Ref. June 9, 1973

084955 41.8 V641
Health of sheep during investigations into intensification of sheep production. [Breeding]. Sharman, G A M *Vet Rec* 92 (23: 607-608. June 9, 1973

084956 41.8 V6494
The effect of sex on the production of swine for fattening. (Cro) Zivkovic, S *Veterinaria (Sarajevo)* 21 (3): 347-351. Eng. Sum. 1972

084957 41.8 V6494
Birth weight of Black-and-White (Friesian) calves & some causes of its variability. (Cro) Nenadovic, M *Veterinaria (Sarajevo)* 21 (3): 353-360. Ref. Eng. Sum. 1972

084958 41.8 V6494
Current problems in production of deep frozen sperm in liquid nitrogen (DFN2-sperm) in practice of artificial insemination. (Cro) Muller, E *Veterinaria (Sarajevo)* 21 (4): 437-446. Ref. Eng. Sum. 1972

084959 41.8 V6494
A contribution to knowledge of fertility of boars in industrial production of piglets. (Cro) Nikolic, P *Veterinaria (Sarajevo)* 21 (4): 481-492. Ref. Eng. Sum. 1972

084960 41.8 V6494
Inducing estrus in ewes out of sexual season by means of improved diet & application of PM [pregnant mare] serum & stilbestrol. (Cro) Tahirovic, N *Veterinaria (Sarajevo)* 21 (4): 523-536. Ref. Eng. Sum. 1972

084961 41.8 V6494
Insemination with deep frozen sperm in view of types of bovines kept in Bosnia & Herzegovina. (Cro) Pobric, F *Veterinaria (Sarajevo)* 21 (4): 563-567. Eng. Sum. 1972

084962 41.8 V6439
Various kinds of examination of sperm motility. (Cze) Cernikova, E *Veterinarstvi* 23 (2): 71-73. 1973

084963 41.8 V6439
Fertility of infantile sows after hormonal stimulization of ovulation & posterity development. (Cze) Majerciak, P *Veterinarstvi* 23 (2): 78-79. 1973

084964 20 AK1
Using genetics-mathematical analysis in breeding work with poultry broiler lines. (Rus) Gal'pern, I L *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 5: 29-31. May 1973

084965 41.8 Z5
Studies on gestational changes in buffalo uterus. I. histo-morphological changes. El-naggar, M A *Zentralbl Veterinarmed Reihe A* 20 (4): 314-323. Ref. May 1973

084966 41.8 Z5
Variations in thyroid status of buffalo during estrous cycle, pregnancy & in conditions of ovarian abnormalities. Soliman, F A *Zentralbl Veterinarmed Reihe A* 20 (4): 324-331. Ref. May 1973

084967 49 Z6
Problems relating to preservation of local breeds in Ukraine. [Cattle]. (Rus) Eisner, F F *Zhivotnovodstvo* 5: 61-63. May 1973

084968 49 Z6
Effect of progesterone on preservation & viability of embryos. [Sheep]. (Rus) Aminov, D M *Zhivotnovodstvo* 5: 82-83. May 1973

084969 49 Z6
Fertility of cows & relationship to resistance of bull spermatozoa & application of antibiotics. (Rus) Anisov, A A *Zhivotnovodstvo* 5: 82-83. May 1973

084970 49.9 C33
Differences in blood count in cows of different breeds & their crossbreds. (Cze) Gabris, J *Zivocisna Vyroba* 18 (1): 11-24. Ref. Eng. Sum. Jan 1973

084971 49.9 C33
Topcrossing in pig breeding. (Cze) Siler, R *Zivocisna Vyroba* 18 (1): 31-41. Ref. Eng. Sum. Jan 1973

084972 49.9 C33
Determination of corrected relative milk yield of herds, of its variability & of its relation to total milk yield. (Cze) Holl, C *Zivocisna Vyroba* 18 (2): 113-123. Eng. Sum. Feb 1973

084973 49.9 C33
Effect of early covering of heifers on difficulty of parturition & on course of puerperium. (Cze) Zaoral, J *Zivocisna Vyroba* 18 (2): 93-98. Eng. Sum. Feb 1973

084974 41.8 Z72
On raising of poultry breeders for reproduction; technical, hygienic & sanitary aspects. (Ita) Aleandri, M *Zooprofilassi* 27 (9/10): 392-404. Sept/Oct 1972

084975 41.8 Z7
5th international research 1968-1970. [Cattle, breeding]. (Ita) Bonadonna, T *Zootec Vet* 27 (11/12): 232-284. Nov/-Dec 1972

084976 41.8 Z7
Soundness in reproduction & rationality in artificial insemination. [Livestock]. (Ita) Bellani, L *Zootec Vet* 27 (9/10): 188-207. Sept/Oct 1972

084977 41.8 Z7
Artificial insemination as a means to improve animal species. (Ita) Rossi, S *Zootec Vet* 27 (9/10): 208-213. Sept/Oct 1972

084978 41.8 Z7
Observations on research work on estrus synchronisation in Sarda sheep. (Ita) Bonadonna, T *Zootec Vet* 27 (9/10): 216-220. Eng. Sum. Sept/Oct 1972

084979 SF105.A1Z8
Experiments in hormonal influence of sexual development in juvenile boars of German Landrace breed. (Ger) Oettingen, U *Zuchthygiene* 8 (1): 1-8. Eng. Sum. Mar 1973

084980 SF105.A1Z8
Relationship between ovarian cysts & milk production in cows. (Ger) Grunert, E *Zuchthygiene* 8 (2): 55-62. Ref. Eng. Sum. June 1973

084981 SF105.A1Z8
Determination of suitability for deep freezing of bull semen using a slide test. (Ger) Koutsouris, D *Zuchthygiene* 8 (2): 63-71. Ref. Eng. Sum. June 1973

084982 SF105.A1Z8
A contribution to evaluation of daily sperm producttion of boars of German Landrace breed. (Ger) Rohloff, D *Zuchthygiene* 8 (2): 72-75. Ref. Eng. Sum. June 1973

VETERINARY MEDICINE

084983 41.9 R24
Edmond Nocard, veterinarian & Pasteurian after some unpublished documents concerning different infectious diseases. (Fre) Wrotnowska, *Acad Vet France Bull* 46 (1): 21-28. Jan 1973

084984 41.9 R24
Control against animal diseases: Development of legislation & regulation during last hundred years. (Fre) Monet, P *Acad Vet France Bull* 46 (1): 37-46. Jan 1973

084985 41.8 V6447
Experimental renal transplantation in dogs. Dokovic, V *Acta Vet (Beograd)* 22 (4): 157-166. 1972

084986 41.8 V6447
Some aspects of bovine immunoglobulin G heterogeneity. Vukotic, M D *Acta Vet (Beograd)* 22 (5): 253-274. Ref. 1972

084987 41.8 AC87
Environment & animal health in piglet production. A field study of incidences & correlations. Backstrom, L *Acta Vet Scand* Suppl. 41, 240 P. Ref. 1973

084988 QP901.A33
Contact sensitivity in pig. McFarlin, D E *Adv Exp Med Biol* 29: 539-544. Ref. 1973

084989 442.9 AK17
Forestry studies in western Siberia. (Rus) *Akad Nauk Sssr Sibirsk Otd Biol Inst Tr* 15, 208 P. Ref. 1972

084990 41.9 AM36
Therapeutics of veterinary dentistry. Ross, D L *Amer Anim Hosp Ass Proc* 40Th: 128-132. 1973

084991 41.9 AM36
Veterinary dentistry; structure of teeth. Farrell, J M *Amer Anim Hosp Ass Proc* 40Th: 133-138. 1973

084992 41.9 AM36
Management by exchange. [Veterinarians]. Burch, G R *Amer Anim Hosp Ass Proc* 40Th: 14-17. 1973

084993 41.9 AM36
Clinical endocrinology. [Dogs]. Donovan, E F *Amer Anim Hosp Ass Proc* 40Th: 164-173. 1973

084994 41.9 AM36
Art of practice. [Veterinary practice]. Paramore, W D *Amer Anim Hosp Ass Proc* 40Th: 18-21. 1973

084995 41.9 AM36
Feline perineal urethrostomy using Wilson & Harrison technique. Engen, M H *Amer Anim Hosp Ass Proc* 40Th: 192-194. 1973

084996 41.9 AM36
Feline neurology. Averill, D R *Amer Anim Hosp Ass Proc* 40Th: 195-199. 1973

084997 41.9 AM36
Anesthesia complications. [Veterinary medicine]. Short, C E *Amer Anim Hosp Ass Proc* 40Th: 2-5. 1973

084998 41.9 AM36
Incorporation & DVM. [Doctor of veterinary medicine]. Hamlin, F *Amer Anim Hosp Ass Proc* 40Th: 202-208. 1973

084999 41.9 AM36
Ancillary examination of G.I. [Gastrointestinal] tract. [Veterinary medicine]. Lorenz, M D *Amer Anim Hosp Ass Proc* 40Th: 222-224. 1973

085000 41.9 AM36
Referrals in veterinary medicine. Hutchinson, B D *Amer Anim Hosp Ass Proc* 40Th: 23-26. 1973

085001 41.9 AM36
Art of practice. [Veterinary practice]. Engen, M H *Amer Anim Hosp Ass Proc* 40Th: 27-29. 1973

085002 41.9 AM36
Lumbar puncture for collection of cerebrospinal fluid. [Dogs]. Bailey, C S *Amer Anim Hosp Ass Proc* 40Th: 289-290. 1973

085003 41.9 AM36
Principles & application of fluid therapy in small animal practice. Finco, D R *Amer Anim Hosp Ass Proc* 40Th: 292-326. 1973

085004 41.9 AM36
Equipment & management of an intensive care facility. [Veterinary medicine]. Whittick, W *Amer Anim Hosp Ass Proc* 40Th: 361-366. 1973

085005 41.9 AM36
Equipment & management of an intensive care facility. [Veterinary medicine]. Knowles, R *Amer Anim Hosp Ass Proc* 40Th: 367-371. 1973

085006 41.9 AM36
Introduction to electromyography. [Veterinary medicine]. Chrisman, C L *Amer Anim Hosp Ass Proc* 40Th: 372-373. 1973

085007 41.9 AM36
Our group practice – a decade of change. [Veterinary practice]. Stickles, L *Amer Anim Hosp Ass Proc* 40Th: 39-43. 1973

085008 41.9 AM36
Clinical & biomechanical evaluation of bone healing. [Dogs]. Braden, T D *Amer Anim Hosp Ass Proc* 40Th: 458-462. 1973

085009 41.9 AM36
Physical examination & medication of caged birds. Soifer, F K *Amer Anim Hosp Ass Proc* 40Th: 46-53. 1973

085010 41.9 AM36
Surgical correction of spinal fractures & luxations in dog. Gage, E D *Amer Anim Hosp Ass Proc* 40Th: 505-514. 1973

085011 41.9 AM36
Surgery of stifle & elbow joints. [Dogs]. Brinker, W O *Amer Anim Hosp Ass Proc* 40Th: 515-522. Ref. 1973

085012 41.9 AM36
Surgical therapy of intervertebral disc disease with severe paresis or paraplegia. [Dogs]. Trotter, E J *Amer Anim Hosp Ass Proc* 40Th: 524-538. Ref. 1973

085013 41.9 AM36
Necropsy. [Veterinary medicine]. Feldman, R G *Amer Anim Hosp Ass Proc* 40Th: 542-547. 1973

085014 41.9 AM36
Biopsy techniques & their diagnostic value. 1. General principles of biopsy. [Dogs, cats]. Osborne, C A *Amer Anim Hosp Ass Proc* 40Th: 548-563. 1973

085015 41.9 AM36
Surgical preparation of a carotid loop in canine. Jones, E F *Amer Anim Hosp Ass Proc* 40Th: 56-59. 1973

085016 41.9 AM36
Biopsy techniques & their diagnostic value. II. Biopsy techniques of specific organs & tissues. [Dogs, cats]. Osborne, C A *Amer Anim Hosp Ass Proc* 40Th: 564-592. Ref. 1973

085017 41.9 AM36
Biopsy techniques & their diagnostic value. III. Collection of material from natural body orifices. [Dogs, cats]. Low, D G *Amer Anim Hosp Ass Proc* 40Th: 593-597. 1973

085018 41.9 AM36
Biopsy techniques & their diagnostic value. IV. Sample management, staining, & examination. [Veterinary medicine]. Perman, V *Amer Anim Hosp Ass Proc* 40Th: 598-605. 1973

085019 41.9 AM36
Advances in inhalation anesthesia. [Veterinary medicine]. Short, C E *Amer Anim Hosp Ass Proc* 40Th: 6-10. 1973

085020 41.9 AM36
Clinical & laboratory evaluation of abnormal body fluid accumulations. I. Techniques of paracentesis. [Dogs]. Osborne, C A *Amer Anim Hosp Ass Proc* 40Th: 606-618. 1973

085021 41.9 AM36
Surgical technique for cardiac bioinstrumentation. [Dogs]. Cramlet, S H *Amer Anim Hosp Ass Proc* 40Th: 61-67. 1973

085022 41.9 AM36
Clinical & laboratory evaluation of abnormal body fluid accumulation. II. Differential diagnosis of abnormal body fluid accumulation. [Dogs]. Low, D G *Amer Anim Hosp Ass Proc* 40Th: 619-623. 1973

085023 41.9 AM36
Clinical & laboratory evaluation of abnormal body fluid accumulations. III. Laboratory evaluation of abnormal body fluid accumulations. [Veterinary medicine]. Perman, V *Amer Anim Hosp Ass Proc* 40Th: 625-630. 1973

085024 41.9 AM36
Utilizing new radiographic equipment. [Veterinary medicine]. Bartels, J E *Amer Anim Hosp Ass Proc* 40Th: 656-657. 1973

085025 41.9 AM36
A general review of radiography of canine skull & cervical spine. Bartels, J E *Amer Anim Hosp Ass Proc* 40Th: 658-660. 1973

085026 41.9 AM36
Radiology of thorax. [Dogs, cats]. Burt, J K *Amer Anim Hosp Ass Proc* 40Th: 662-685. Ref. 1973

085027 41.9 AM36
Surgically induced atrioventricular block with artificial pacemaker correction. Bonney, C H *Amer Anim Hosp Ass Proc* 40Th: 68-69. 1973

085028 41.9 AM36
Surgery & diseases of bladder & urethra. [Veterinary medicine]. Wilson, G P *Amer Anim Hosp Ass Proc* 40Th: 688. 1973

085029 41.9 AM36
Diaphragmatic hernias. [Surgery, dogs, cats]. Wilson, G P *Amer Anim Hosp Ass Proc* 40Th: 689. 1973

085030 41.9 AM36
Surgery of mammary tumors. [Bitches]. Wilson, G P *Amer Anim Hosp Ass Proc* 40Th: 691-692. 1973

085031 41.9 AM36
Spinal disc surgery in dog. Gage, E D *Amer Anim Hosp Ass Proc* 40Th: 694-703. 1973

085032 41.9 AM36
Disc disease. [Surgery, dogs, cats]. Bojrab, M J *Amer Anim Hosp Ass Proc* 40Th: 704-709. 1973

085033 41.9 AM36
Evaluation of environmental stress on cardiovascular performance in chronically instrumented animals. Erickson, H H *Amer Anim Hosp Ass Proc* 40Th: 71-74. 1973

085034 41.9 AM36
Surgical reconstruction for collapsed tracheal rings. [Dogs]. Bojrab, M J *Amer Anim Hosp Ass Proc* 40Th: 710-714. 1973

085035 41.9 AM36
Technique for permanent tracheostomy in dog. Cramlet, S H *Amer Anim Hosp Ass Proc* 40Th: 716-717. 1973

085036 41.9 AM36
Nylon bands used as ligatures & fixation devices in small animal surgery. Carpenter, R H *Amer Anim Hosp Ass Proc* 40Th: 718-721. 1973

085037 41.9 AM36
Spinal surgery. [Veterinary medicine]. Brasmer, T H *Amer Anim Hosp Ass Proc* 40Th: 722-725. 1973

085038 41.9 AM36
Surgery of head & neck: ear drainage (lateral resection) & ablation of ear canal. [Dogs]. Brasmer, T H *Amer Anim Hosp Ass Proc* 40Th: 726-728. 1973

085039 41.9 AM36
Neoplasms of nasal cavity. [Surgery, dogs]. Brasmer, T H *Amer Anim Hosp Ass Proc* 40Th: 733-734. 1973

085040 41.9 AM36
Upper respiratory obstruction in brachycephalic breeds. [Surgery, dogs]. Piermattei, D L *Amer Anim Hosp Ass Proc* 40Th: 740-742. 1973

085041 41.9 AM36
Devocalizing dogs & cats. Piermattei, D L *Amer Anim Hosp Ass Proc* 40Th: 743-756. 1973

085042 41.9 AM36
Surgery of skin & adnexa: hygroma of elbow. [Dogs]. Piermattei, D L *Amer Anim Hosp Ass Proc* 40Th: 757-758. 1973

085043 41.9 AM36
Mammary neoplasia. [Surgery, bitches]. Brasmer, T H *Amer Anim Hosp Ass Proc* 40Th: 759-760. 1973

085044 41.9 AM36
Canine electrocardiography. Hamlin, R L *Amer Anim Hosp Ass Proc* 40Th: 89-95. 1973

085045 41.9 AM36
Slow heart: a review of its clinical significance. [Dogs]. Madewell, B R *Amer Anim Hosp Ass Proc* 40Th: 96-102. 1973

085046 41.8 AM3A
Effect of chlorpromazine combined with intermittent light stimulation on electroencephalogram & clinical response of beagle dog. Redman, H C *Amer J Vet Res* 34 (7): 929-936. July 1973

085047 41.8 AM3A
Selective arteriography in cat. Smallwood, J E *Amer J Vet Res* 34 (7): 955-963. Ref. July 1973

085048 41.8 AM3A
A surgical approach for repeated exposure of bovine fetal circulation. Gibson, C D *Amer J Vet Res* 34 (7): 981-982. Ref. July 1973

085049 41.8 AM3
A dorsolateral muscle-separating approach for thoracolumbar intervertebral disk fenestration in dog. Yturraspe, D J *Amer Vet Med Assoc J* 162 (12): 1037-1040. June 15, 1973

085050 41.8 AM3
Surgical displacement of penis in bull. Royes, B A P *Amer Vet Med Assoc J* 163 (1): 56-57. Ref. July 1, 1973

085051 41.8 AM3
Cardiopulmonary bypass techniques in dogs: comparative study of donor circulation & bubble oxygenation. Pullen, C M *Amer Vet Med Assoc J* 163 (1): 58-63. Ref. July 4, 1973

085052 49 C43
Recent research on sanitation management of livestock & poultry. 1. (Jap) Yamaguchi, M *Anim Husb (tokyo)* 27 (6): 11-14. June 1973

085053 41.9 AN4D
Techniques used for prevention of dogs from barking by ventriculocordectomy & cordectomy. (Tur) Tolkun, S *Ankara Univ Vet Fak Dergisi* 19 (4): 445-452. Eng. Sum. 1972

085054 41.8 EX7
Hubert Mohlmann, Dessau, 60 years old. [Veterinarians]. (Ger) Rohrer, H *Arch Exp Veterinarmed* 27 (2): 203-207. Apr 1973

085055 41.8 EX7
Tests of efficacy of various disinfectants applied by multipurpose apparatus 'Pomosa S137/1'. [Stables]. (Ger) Stellmacher, W *Arch Exp Veterinarmed* 27 (2): 327-340. Eng. Sum. Apr 1973

085056 41.8 EX7
Suitability of combinations of microbicidal solutions as surface disinfectants. [Medicine]. (Ger) Stellmacher, W *Arch Exp Veterinarmed* 27 (2): 349-355. Eng. Sum. Apr 1973

085057 41.8 AU72
Surgery for bile duct rupture & obstruction in dog. Bellenger, C R *Aust Vet J* 49 (6): 298-306. Ref. June 1973

085058 41.8 AU72
Studies on intravenous retrograde regional anaesthesia for forelimbs of ruminants. [Buffaloes]. Tyagi, R P S *Aust Vet J* 49 (7): 321-324. Ref. July 1973

085059 442.8 AU7
Local antigenic stimulation of guenea-pig mammary gland. McDowell, G H *Australian J Exp Biol Med Sci* 51 (2): 237-245. Ref. Apr 1973

085060 41.8 AV5
Collection of avian blood samples in microtest plates. [Chcikens]. Williams, J E *Avian Dis* 17 (2): 445-449. Apr/June 1973

085061 41.8 B45
Suitability of lyophilized human dura as replacement for crucial ligament in dogs. (Ger) Matis, U *Berliner Munchener Tierarztl Wochenschr* 86 (13): 245-252. Ref. Eng. Sum. July 1, 1973

085062 390.8 B732
Whirlpool & wort colour. (Ger) Silberhumer, H *Brauwelt* 113 (37): 819-820. Eng. Sum. May 25, 1973

085063 389.8 B773
Concurrent studies on flow of digesta in duodenum & of exocrine pancreatic secretion of calves. collection of exocrine pancreatic secretion from a duodenal cannula. [Surgery]. Ternouth, J H *Brit J Nutr* 29 (3): 387-397. Ref. May 1973

085064 41.8 V643
Observations on clinical findings after hysterotomy in sows. Done, S H *Brit Vet J* 129 (2): Viii-x. Mar/Apr 1973

085065 41.8 V643
Veterinary education. registered animal nursing auxiliaries. Weipers, W L *Brit Vet J* 129 (2): 100-105. Mar/Apr 1973

085066 41.8 V643
Animal health & E.E.C. Animal welfare legislation in E.E.C. [European Economic Community]. Ray, P M *Brit Vet J* 129 (3): 194-201. May/June 1973

085067 41.8 V643
Use of chronic catheterization techniques in foetal sheep. Mellor, D J *Brit Vet J* 129 (3): 260-266. Ref. May/June 1973

085068 41.8 V643
A new anaesthetic-sedative agent for birds. Levinger, I M *Brit Vet J* 129 (3): 296-300. Ref. May/June 1973

085069 41.8 C162
Hematological & pathological changes in acute systemic anaphylaxis in calves: Effects of pharmacological agents. Wells, P W *Can J Comp Med* 37 (2): 119-129. Ref. Apr 1973

085070 41.8 C162
Technique & applications of lymphography. [Rabbits, monkeys]. Davidson, J W *Can J Comp Med* 37 (2): 130-138. Ref. Apr 1973

085071 41.9 D23
Use of prostaglandins in veterinary medicine. (Dan) Rasbech, N O *Danske Dyrlaegefor Medlemsbl* 56 (10): 409-412. Ref. May 1973

085072 41.9 D23
Extirpation of anal sacs in ambulatory dogs. (Dan) Hansen, N H *Danske Dyrlaegefor Medlemsbl* 56 (9): 378-379. May 1, 1973

085073 41.8 D482
A record processing system in veterinary pathology. (Ger) Schmahl, W *Deut Tierarztl Wochensch* 80 (11): 251-254. (Continued) June 1, 1973

085074 41.8 D482
Rise & decline of veterinary profession. III. (Ger) Hausmann, W *Deut Tierarztl Wochensch* 80 (11): 257-258, 260-261. Ref. June 1, 1973

085075 41.8 D482
A record processing system in veterinary pathology. (Ger) Schmahl, W *Deut Tierarztl Wochensch* 80 (12): 274-278. June 15, 1973

085076 41.8 D482
A new shackle for cattle. (Ger) Fessl, L *Deut Tierarztl Wochensch* 80 (13): 298-299. Ref. July 1, 1973

085077 41.8 D482
Experimental total error. [Veterinary medicine]. (Ger) Wuppermann, D *Deut Tierarztl Wochensch* 80 (13): 304-307. (Continued) July 1, 1973

085078 41.8 D482
Development & structure of Veterinary Faculty of Austral University of Chile in Valdivia. (Ger) Weitze, K F *Deut Tierarztl Wochensch* 80 (13): 307-311. Eng. Sum. July 1, 1973

085079 44.8 H65
Ova transplants require surgery. Woelffer, E A *Hoards Dairyman* 118 (12): 785. June 25, 1973

085080 41.8 IN22
Open renal biopsy in bovines: an experimental study. Ramkumar, V *Indian J Anim Sci* 42 (11): 915-918. Ref. Nov 1972

085081 41.8 IN2
Evaluation of chromic catgut, silk & 'vetafil' as suture materials in intestinal anastomosis in dogs. Kumar, A *Indian Vet J* 50 (3): 283-287. Ref. Mar 1973

085082 389.8 IN26
Certain sanitary-veterinary investigations in poultry slaughterhouses. (Rum) Cironeanu, I *Indus Aliment (bucuresti)* 24 (2): 102-104, 107. Ref. Feb 1973

085083 41.8 V6425
Veterinary medicine & professionalism. Lawrence, J *Iowa State Univ Vet* 35 (1): 5-6. 1973

085084 41.8 V6425
Surgical removal of an aortic foreign body. [Dogs]. Wade, P *Iowa State Univ Vet* 35 (1): 7-11. 1973

085085 41.8 V6425
Should veterinary students specialize? Faulkner, S *Iowa State Univ Vet* 35 (2): 41-42. 1973

085086 41.8 V6425
Art of veterinary practice. Hartley, R C *Iowa State Univ Vet* 35 (2): 44-47. 1973

085087 41.8 V6425
Tubal ligation: Alternative sterilization operation. [dogs, cats]. Grier, R L *Iowa State Univ Vet* 35 (2): 49-50 1973

085088 41.8 V6425
Bovine embryo implants. Bartels, K E *Iowa State Univ Vet* 35 (2): 56-58. 1973

085089 41.8 V6425
What a veterinarian should know about swine confinement. Christenson, C L *Iowa State Univ Vet* 35 (2): 58-62. Ref. 1973

085090 49 J82
A technique for re-entrant ileocecal cannulation of swine. Easter, R A *J Anim Sci* 36 (6): 1099-1103. June 1973

085091 44.8 J822
Tracheal fistula technique for goats. Fujihara, T *J Dairy Sci* 56 (6): 820-821. June 1973

085092 S19.J3
Animal health research & laboratory animals. Ino, T *JArq (j Agr Res Quart)* 7 (1): 51-60. 1973

085093 QL55.A1L3
Use of a butcher's boning glove for handling small laboratory animals. Cisar, C F *Laboratory Anim* 7 (2): 139-140. May 1973

085094 QL55.A1L3
Evaluation of a filter rack for laboratory rodents. Clough, G *Laboratory Anim* 7 (2): 149-159. Ref. May 1973

085095 QL55.A1L3
Use of CT1341 anaesthetic ('Saffan') in monkeys. Box, P G *Laboratory Anim* 7 (2): 161-170. May 1973

085096 QL55.A1L3
A restraining device facilitating electrocardiogram recording in rats. Osborne, B E *Laboratory Anim* 7 (2): 185-188. Ref. May 1973

085097 QL55.A1L3
Comparison of techniques for taking liver & lung samples from small rodents for bacteriological culture. Verstraete, A P *Laboratory Anim* 7 (2): 189-193. May 1973

085098 QL55.A1L3
Equipment for rearing gnotobiotic lambs. Alexander, T J L *Laboratory Anim* 7 (2): 195-217. May 1973

085099 11 L2322
Swine diseases – diagnosis & prevention. (Dan) *Landbonyt* 27 (5): 314-317. May 1973

085100 44.8 L35
Role of veterinarian in livestock industry in regard to development & sanitation of livestock products. (Ita) Mondini, S *Latte* 47 (1): 32-33. June 1973

085101 41.8 V644
Brucellosis as an occupational disease of verterinarians. (Hun) Roman, E *Magyar Allatorv Lapja* 28 (4): 205-207. Ref. Eng. Sum. Apr 1973

085102 41.8 M463
Chosen methodical aspects of determination of copper-oxidase-PFD (ceruloplasmine). I. value of determination of activity of enzyme in veterinary medicine. (Pol) Woszczyk, J *Med Wet* 29 (4): 242-245. Ref. Eng. Sum. Apr 1973

085103 19 M577
Crop estimation based on weather date. (Hun) Simon, B *Mezogazdasgi Vilagirodalom* 15 (2): 172-173. Ref. 1973

085104 41.8 M742
Chief veterinary councilor dr g farchmin 60 years old. (Ger) *Monatsh Veterinarmed* 28 (11): 439-440. June 1, 1973

085105 41.8 M742
Developments in veterinary medicine as a discipline at Karl Marx University, between 1953 & 1973, & problems of education & upgrading which have to be tackled in adopting industrialise (Ger) Rothe, K *Monatsh Veterinarmed* 28 (12): 441-444. Eng. Sum. June 15, 1973

085106 41.8 M742
Improvement of education of veterinary students in herb diagnosis by interdisciplinary cooperation. [Karl-Marx-University, Leipzig, East Germany]. (Ger) Mehlhorn, G *Monatsh Veterinarmed* 28 (12): 446-451. Eng. Sum. June 15, 1973

085107 41.9 R923
Scientific bases for eradicating sterility of livestock. (Rus) Mikhailov, N N *Moscow Vses Inst Eksp Vet Tr* 40: 157-169. 1972

085108 41.9 R923
Results of scientific research of laboratory of zoohygiene, All-Union Institute of Experimental Veterinary Medicine, 1966-1970. (Rus) Komarov, N M *Moscow Vses Inst Eksp Vet Tr* 40: 170-182. 1972

085109 41.9 R923
Coordination of scientific research. [Veterinary medicine]. (Rus) Zagorodnov, M V *Moscow Vses Inst Eksp Vet Tr* 40: 433-437. 1972

085110 41.9 R923
Putting into practice of scientific developments & recommendations. [Veterinary medicine]. (Rus) Kovalev, L V *Moscow Vses Inst Eksp Vet Tr* 40: 438-441. 1972

085111 41.9 R923
Scientific-technical cooperation with foreign countires. [Veterinary medicine]. (Rus) Evdokimov, S M *Moscow Vses Inst Eksp Vet Tr* 40: 442-446. 1972

085112 41.9 R923
Training scientific cadres at All-Union Institute of Experimental Veterinary Medicine. (Rus) Tereshkov, F G *Moscow Vses Inst Eksp Vet Tr* 40: 447-452. 1972

085113 41.9 R923
Results of work of laboratory of physiology & pathological physiology, 1966-1970, of All-Union Institute of Experimental Veterinary Medicine. (Rus) Kudriavtsev, A A *Moscow Vses Inst Eksp Vet Tr* 40: 66-81. 1972

085114 41.8 P76
Studies on general anesthesia produced by intranasal administration of Eunarcon in rearing foxes, dogs & cats. [Promarcon]. (Pol) Studnicki, W *Pol Arch Weter* 15 (3): 553-573. Ref. Eng. Sum. 1972

085115 41.8 AL5
Clinical use of intravenous neuroleptanalgesia in canine. Krahwinkel, D J *Pract Vet* 44 (3): 15. June/July 1972

085116 41.8 AL5
Future of in-office diagnostic systems in veterinary medicine. Morgan, H C *Pract Vet* 44 (3): 19-23, 26. June/July 1972

085117 41.8 AL5
Clinical use of Metofane inhalation anesthetic in Snyder large animal anesthesia machine. [Methoxyflurane]. Shideler, R K *Pract Vet* 44 (5): 18-19. Dec 1972/jan 1973

085118 41.8 AL5
Using antihistamine in large animal practice. Glick, P R *Pract Vet* 44 (5): 7-8. Dec 1972/jan 1973

085119 41.8 AL5
Anesthesia in canine cesarean section. Bardens, J *Pract Vet* 45 (1): 15-17. Winter/Spring 1973

085120 41.8 AL5
Veterinarians trained in schools of public health. Goldston, S E *Pract Vet* 45 (1): 20-21. Winter/Spring 1973

085121 41.8 AL5
Anesthetic management of large animals with Vapor Vaporizer & Narco-Vet E. Heath, R B *Pract Vet* 45 (1): 5-6. Winter/-Spring 1973

085122 41.8 AL5
Atraloc needles: an advancement in atraumatic, aseptic surgery. McCashin, F *Pract Vet* 45 (1): 8-11. Winter/Spring 1973

085123 41.8 AL5
A mechanical means of blood vessel ligation. [Veterinary surgery]. Knowles, R P *Pract Vet* 45 (2): 14-15. Spring/Summer 1973

085124 41.8 P882
Foreign travel with dogs & cats. [Veterinary medicine]. (Ger) Eggert, W *Prakt Tierarzt* 54 (6): 243-247. June 1, 1973

085125 41.8 P882
Revitalizing old dogs with a hydrolysate from mesenchyme organs. (Ger) Franke, R *Prakt Tierarzt* 54 (6): 247-248, 250. Ref. June 1, 1973

085126 41.8 P882
Tolerance & reabsorption study of betamethason after intravenous application. [Horses]. (Ger) Treppenhauer, H J *Prakt Tierarzt* 54 (7): 287-290. July 1, 1973

085127 49 P943
Utilization of histochemical & histoenzymological methods in veterinary medicine & animal breeding sectors. (Rum) Muresan, E *Rev Zootech Med Vet* 23 (4): 56-61. Apr 1973

085128 49 P943
Sanitary-hygienic measures used in Constanta county. (Rum) Andrei, M *Rev Zootech Med Vet* 23 (4): 65-69. Apr 1973

085129 20.5 R59 SER. B
Permanent intestinal fistulae for studies on digestion in pigs. I. Establishment of cecum fistulae & cecotomy. (Pol) Witczak, F *Rocz Nauk Roln Ser B Zootech* 94 (2): 135-143. Ref. Eng. Sum. 1972

085130 41.8 SCH9
Autologous tendon transplantation in horse – technic & its histologic evaluation. Fackelman, G E *Schweiz Arch Tierheilk* 115 (6): 231-255. Ref. June 1973

085131 41.8 SO82
Epiphyseal stapling in horse. Fruge, N *Southwest Vet* 26 (2): 109-111. Winter 1973

085132 41.8 SO82
Dimethyl sulfoxide (DMSO) & equine practitioner. Adkins, J *Southwest Vet* 26 (2): 91-94. Winter 1973

085133 SF601.S8
Veterinary responsibilities at Swaziland's export abattoir. [Animal health, meat inspection]. Walker, W D *State Vet J* 27 (81): 216-219. Sept 1972

085134 SF601.S8
A prosecution under Therapeutic Substances Act 1956. [Veterinary surgeons, antibiotics]. Evans, H T J *State Vet J* 27 (81): 233-234. Sept 1972

085135 SF601.S8
Meat & Livestock Commission: veterinary aspects. Melrose, D R *State Vet J* 28 (82): 1-12. Jan 1973

085136 SF601.S8
Report on diploma in animal health course at Royal Veterinary College. Blackburn, J T *State Vet J* 28 (82): 24-27. Jan 1973

085137 SF601.S8
Disease hazards from continent on West Sussex coast. [Pets]. Roe, J E R *State Vet J* 28 (82): 38-39. Jan 1973

085138 SF601.S8
Sheep Veterinary Society visit to France, May 1972. Markson, L M *State Vet J* 28 (82): 40-43. Jan 1973

085139 SF601.S8
Prevalence of 'clutch' sampling. [dogs, pigs, veterinary medicine]. Hugh-Jones, M E *State Vet J* 28 (82): 56-58. Jan 1973

085140 464.8 SP2
New horizons for veterinarian. Goodwin, R F W *SPan (shell Publ Health Agr News)* 16 (1): 33. 1973

085141 41.8 T445
Dehorning of cattle. (Ger) Meyer, H *Tierarztl Umsch* 28 (7): 340-342. July 1, 1973

085142 41.8 T445
Cynology for veterinarians. [Dogs]. (Ger) Wegner, W *Tierarztl Umsch* 28 (7): 342-346, 348. Ref. July 1, 1973

085143 41.8 T445
In memoriam Dr. Prof. Walter Koch. [veterinarians]. (Ger) Boessneck-Munchen, J *Tierarztl Umsch* 28 (7): 356-358. July 1, 1973

085144 41.8 V6456
Priorities for establishing a practice laboratory. [Veterinary]. Pittaway, E M *Vet Annu* 13Th: 222-224. 1972 (Pub. 1973)

085145 41.8 V6456
Recent advances in abdominal surgery in dog. Pearson, H *Vet Annu* 13Th: 91-93. 1972 (Pub. 1973)

085146 SF601.V523
Clinical pathology in avian species. Dolensek, E P *Vet Clin North Am* 3 (2): 159-163. 1973

085147 SF601.V523
Avian anesthesia. Klide, A M *Vet Clin North Am* 3 (2): 175-186. Ref. Jun 1973

085148 SF601.V523
Principles of cardiopulmonary medicine. [Horses]. Graner, H E *Vet Clin North Am* 3 (2): 239-250. Ref. 1973

085149 SF601.V523
Pediatric medicine. [Foals]. Kaufman, W C *Vet Clin North Am* 3 (2): 251-254. 1973

085150 41.8 V6458
Why i gave up my fire engine practice. [Veterinary medicine cattle health management]. Larson, W R *Vet Econ* 14 (6): 26-32, 34, 36. June 1973

085151 41.8 V6458
More hospital design changes: space needed for practical growth. [Veterinary medicine]. Albers, J W *Vet Econ* 14 (6): 38-40. June 1973

085152 41.8 J93
Veterinarians in production of fresh water. (Cro) Winterhalter, M *Vet Glas* 26 (11): 803-805. 1972

085153 41.8 J93
Contribution to study of development of veterinary service in Krizevci & its vicinity during years 1898 1901 before foundation of Krizevci Institut. (Cro) Lukacevic, J *Vet Glas* 26 (11): 859-864. Ref. 1972

085154 41.8 J93
Dr. Antonije Kobliska & Montenegro veterinary medicine. (Cro) Miljanic, N R *Vet Glas* 26 (11): 867-870. Ref. 1972

085155 41.8 J93
In memory of Professor Dr. Ante Stefancic. [Veterinarians]. (Cro) Dolenc, M *Vet Glas* 26 (12): 933-936. 1972

085156 41.8 J93
Seventy years of life & work of academician & professor Dr. Vase Butozana. [Veterinary medicine, teaching]. (Cro) Mihajlovic, S *Vet Glas* 27 (1): 3-9. 1973

085157 41.8 J93
State & problems of health protection of livestock in Macedonia. (Cro) Kzekov, A *Vet Glas* 27 (1): 55-61. 1973

085158 41.8 J93
A short history of veterinary medicine of Slovenia in 18th century. (Cro) Zavrnik, V *Vet Glas* 27 (1): 63-66. 1973

085159 41.8 J93
Twenty years of work of Department for Parasitology, Institute for Improvement of Veterinary Medicine, Serbia. (Cro) Vujic, B *Vet Glas* 27 (2): 141-143. 1973

085160 41.8 J93
Reference to 25th anniversary of work of Veterinary Institute in Vinkovci (1947-1972). (Cro) Kadic, M *Vet Glas* 27 (2): 145. 1973

085161 41.8 J93
In memoriam: Viktor De Gleria. [Veterinarians]. (Cro) Dolenc, M *Vet Glas* 27 (2): 147-149. 1973

085162 41.8 J93
The state of harmless removal of carcases and hygienist service in Serbia outside the socialistic autonomous provinces, and the measure for their solution. (Cro) Stojanovic, R *Vet Glas* 27 (3): 155-163. Eng. Sum. 1973

085163 41.8 J93
Activity of veterinary service in Greece. (Cro) Naumovski, H *Vet Glas* 27 (3): 207-209. 1973

085164 41.8 J93
Stanko Arko – 80th anniversary of his birth. [Veterinarians]. (Cro) Dolenc, M *Vet Glas* 27 (3): 213-215. 1973

085165 41.8 J93
From history of veterinary medicine within territory of Slovenia in XIXth Century – veterinary service. (Cro) Zavrnik, V *Vet Glas* 27 (3): 217-221. 1973

085166 41.9 C333
Nuclear volume & cellular activity of gonadotropic cells of adenohypophysis following bilateral ovariectomy. [Sheep]. (Slo) Arendarcik, J *Vet Med (prague)* 18 (2): 81-93. Ref. Eng. Sum. Feb 1973

085167 41.8 M69
Clinical observations on use of thiamylal sodium with fentanyl-droperidol as an anesthetic in dogs. Lee, J *Vet Med/small Anim Clin* 68 (7): 738-739. July 1973

085168 41.8 M69
Xylazine: a new sedative-analgesic with predictable emetic properties in cat. Amend, J F *Vet Med/small Anim Clin* 68 (7): 741-742. Ref. July 1973

085169 41.8 M69
Making smears of capillary blood from bovine tail. McGavin, M D *Vet Med/-small Anim Clin* 68 (7): 778-781. July 1973

085170 41.8 V641
Reversible immobilisation & analgesia in bullock. Dobbs, H E *Vet Rec* 93 (1): 11-15. July 7, 1973

085171 41.8 V641
Statutory control of drugs. Edwards, B R *Vet Rec* 93 (1): 17-21. July 7, 1973

085172 41.8 V6494
Application of Rompun in obstetric peratations in bovines. (Cro) Herak, M *Veterinaria (Sarajevo)* 21 (4): 569-573. Ref. Eng. Sum. 1972

085173 41.8 V6439
Relation between soil & animal health. (Cze) Karlova, M *Veterinarstvi* 23 (2): 58-59. 1973

085174 41.8 V6439
Veterinary care principles in reproduction of cattle. (Cze) Kudlac, E *Veterinarstvi* 23 (2): 65-67. 1973

085175 41.8 V6439
Importance of lavage of uterus cavity in gynaecology diagnostics. (Cze) Veznik, Z *Veterinarstvi* 23 (2): 68-70. 1973

085176 41.8 V6439
Localization of trichophytic centres & determination of causes of their rise in cattle. (Cze) Klobusicky, M *Veterinarstvi* 23 (2): 80-82. 1973

085177 41.8 V6439
Method obtaining blood serum from a small quantity of liver blood. (Cze) Holejsovsky, J *Veterinarstvi* 23 (2): 83-85. Ref. 1973

085178 41.8 T345
Austrian veterinarian Franz Bichele (1808-1891) in Serbia. (Ger) Divljanovic, D *Wien Tierarztl Monatsschr* 60 (5): 182-184. May 1973

085179 389.78 Z3
In memoriam Jurgen Tiews. [Veterinarians]. (Ger) Bruggemann, J *Z Tierphysiol Tierernahr Futtermittelkunde* 31 (4): 169-170. May 1973

INFECTIOUS AND PARASITIC DISEASES

085180 505 P21 (3)
Study of protein-kinase activity associated with vesicular stomatitis virus. (Fre) Danglot, C *Acad Sci (paris) C R Ser D* 276 (19): 2749-2752. Ref. May 9, 1973

085181 41.9 R24
Vesiculose disease of swine; its appearance in France. (Fre) Dhennin, L *Acad Vet France Bull* 46 (1): 47-51. Jan 1973

085182 396.8 AC8AE
Polyfungin, a new antifungoid antibiotic. II. Some pharmacological properties of polyfungin. (Pol) Chojnowski, W *Acta Pol Pharm (transl)* 30 (2): 223-228. Eng. Sum. 1973

085183 41.8 V6447
A study of influence of high ammomia & humidity concentrations in air on course of artificial infection with IBR [infectious bovine rhinotracheitis] virus & concentrations of sodium, Puhac, I *Acta Vet (Beograd)* 22 (4): 177-186. Ref. 1972

085184 41.8 V6447
A study of influence of high ammonia & humidity concentrations in air on course of artificial infection with IBR [infectious bovine rhinotracheitis] virus & glucose, alkaline phosphate, Puhac, I *Acta Vet (Beograd)* 22 (4): 187-194. Ref. 1972

085185 41.8 V6447
Studies of metabolic antigen activity of adult Fasciola hepatica by complement fixation test. [Rabbits]. Cuperlovic, K *Acta Vet (Beograd)* 22 (4): 195-199. 1972

085186 41.8 V6447
A study of influence of high ammomia & humidity concentrations in air of course of artificial infection with IBR [infectious bovine rhinotracheitis] virus & on protein system of b Puhac, I *Acta Vet (Beograd)* 22 (5): 209-218. Ref. 1972

085187 41.8 V6447
Metabolic antigen of Fasciola hepatica in immunodiagnosis of fascioliasis. [Rabbits, sheep]. Cuperlovic, K *Acta Vet (Beograd)* 22 (5): 219-222. Ref. 1972

085188 41.8 V6447
A study of antigenic material from Schistosoma bovis. [Rabbits, calves]. Hussein, M F *Acta Vet (Beograd)* 22 (5): 231-235. 1972

085189 41.8 V6447
Pathogenic effects of Schistosoma bovis & Schistosoma mattheei in albino mice. Hussein, M F *Acta Vet (Beograd)* 22 (5): 237-251. Ref. 1972

085190 41.8 AC87
Early inflammatory reaction in fowl. A light microscopical, ultrastructural & autoradiographic study. Nair, M K *Acta Vet Scand* Suppl. 42, 103 P. Ref. 1973

085191 41.8 AC87
Studies on globidial schizonts in abomasum of Norwegian sheep. fine sturcture of one of four merozoite forms investigated. [Coccidia]. Hilali, M *Acta Vet Scand* 14 (1): 22-43. Ref. 1973

085192 41.8 AC87
Differentiation of Eimeria species infecting sheep during grazing season on permanent & new pastures under Norwegian conditions. Helle, O *Acta Vet Scand* 14 (1): 57-68. Ref. 1973

085193 41.8 AC87
Effects of Clostridium botulinum toxin type C[carbon] beta given orally to goats. Fjolstad, M *Acta Vet Scand* 14 (1): 69-80. Ref. 1973

085194 448.3 AC85
Viscerotropism of rabies-like strains isolated from murine rodents. Sodja, I *Acta Virol* 17 (3): 237-242. Ref. May 1973

085195 QP901.A33
Possible role of lymphokines in development of ectopic lymphoid foci in chicken. Oates, C M *Adv Exp Med Biol* 29: 611-618. 1973

085196 256.13 AG82M
Salmonellosis: An important disease of cattle. [Salmonella dublin]. Purcell, D A *Agric North Irel* 48 (1): 36-37. May 1973

085197 1.98 AG84
Spray vaccine stops distemper. [Mink]. *Agric Res* 21 (12): 13. June 1973

085198 41.9 AM36
Clinical dermatology in 3-d slides. [Dogs]. Doering, G G *Amer Anim Hosp Ass Proc* 40Th: 142-160. Ref. 1973

085199 449.8 AM3
Association of toxoplasmosis & cats. Comstock, G W *Amer J Epidemiol* 97 (6): 424-425. June 1973

085200 41.8 AM3A
Evaluation of live-virus vaccine against avian emcephalomyelitis in turkey breeder hens. Deshmukh, D R *Amer J Vet Res* 34 (7): 863-867. July 1973

085201 41.8 AM3A
Efficacy of cellfree & cell-associated herpesvirus of turkeys vaccines in progeny from vaccinated parental flocks. Eidson, C S *Amer J Vet Res* 34 (7): 869-872. Ref. July 1973

085202 41.8 AM3A
Ultrastructural comparisonof morphogenesis & fate of Marek's disease & infectious laryngotracheitis viruses in chi cken kidney cells. Davis, W C *Amer J Vet Res* 34 (7): 873-880. Ref. July 1973

085203 41.8 AM3A
Evaluation of cobalt arsanilate for prevention & treatment of swine dysentery. [Treponema hyodysenteriae]. Olson, L D *Amer J Vet Res* 34 (7): 903-907. Ref. July 1973

085204 41.8 AM3A
Antigenic structure & clearance of Chlamydiae from blood of convalescent sheep. Ata, F A *Amer J Vet Res* 34 (7): 915-917. Ref. July 1973

085205 41.8 AM3A
Differentiation of salmon poisoning disease & elokomin fluke fever: studies with black bear (Ursus americanus). [Neorickettsia helminthoeca, dogs]. Farrell, R K *Amer J Vet Res* 34 (7): 919-922. Ref. July 1973

085206 41.8 AM3A
Differentiation of salmon poisoning disease & elokomin fluke fever: complement fixation. [Neorickettsia helminthoeca, dogs]. Sakawa, H *Amer J Vet Res* 34 (7): 923-925. July 1973

085207 41.8 AM3A
Differentiation of salmon poisoning disease & elokomin fluke fever: fluorescent antibody studies with Rickettsia sennetsu. [Neorickettsia helminthoeca, Dogs]. Kitao, T *Amer J Vet Res* 34 (7): 927-928. Ref. July 1973

085208 41.8 AM3A
Nonfatal canine rabies. Arko, R J *Amer J Vet Res* 34 (7): 937-938. Ref. July 1973

085209 41.8 AM3A
Fresh sawdust bedding – a possible source of Klebsiella organisms. [Mastitis, dairy cattle]. Newman, L E *Amer J Vet Res* 34 (7): 979-980. July 1973

085210 40.2 AM35
Rabbit ailments & treatment. [Infections]. Hagen, K W *Amer Rabbit Breeders Ass Offic Guide Year Book* P. 89-94. 1972

085211 40.2 AM35
Diseases. [Guinea pigs]. Hume, C *Amer Rabbit Breeders Ass Offic Guide Year Book* P. 95-99. 1972

085212 41.8 AM3
Multiple cases of feline leukemia & feline infectious peritonitis in a household. Cotter, S M *Amer Vet Med Assoc J* 162 (12): 1054-1058. Ref. June 15, 1973

085213 41.8 AM3
Scanning electron microscopic observations on swine dysentery. Kennedy, G A *Amer Vet Med Assoc J* 163 (1): 53-55. July 1, 1973

085214 41.8 AM3
Bordetella bronchiseptica associated with infertility in a mare. Addison, B *Amer Vet Med Assoc J* 163 (1): 76-77. July 1, 1973

085215 436.8 AN4
Parasitological problem of liquid manure management. (Ger) Splisteser, H *Angew Parasitol* 14 (2): 67-75. Eng. Sum. May 1973

085216 49 C43
Nature & diagnosis of Gumboro disease in poultry. (Jap) Taniguchi, T *Anim Husb (tokyo)* 27 (5): 44-50. Ref. May 1973

085217 49 C43
Various vaccines for treating diseases in poultry. (Jap) Inoue, K *Anim Husb (tokyo)* 27 (5): 57-60. May 1973

085218 49 C43
Prevention of Newcastle disease in poultry. (Jap) Tsubahara, H *Anim Husb (tokyo)* 27 (6): 55-60. June 1973

085219 49 C43
Experiment on control of Ascaridia galli, Heterakis gallinae & Capillaria obsignata in fowls by Leva misole. (Jap) Sawada, I *Anim Husb (tokyo)* 27 (6): 83-84. June 1973

085220 41.9 AN4D
Research on expansion & treatment of bovine theileriasis in Turkey. [Theileria annulata, Theileria mutans]. (Tur) Mimioglu, M *Ankara Univ Vet Fak Dergisi* 19 (4): 471-487. Map. Ref. Eng. Sum. 1972

085221 41.8 AN78
Toxoplasmosis & its transmission. [Toxoplasma gondii, cats]. (Fre) Schoenaers, F *Ann Med Vet* 117 (3): 193-195. May 1973

085222 436.8 AN7
Effect of different chemical compositions, with Mac Master method, on quantitative research of eggs of parasites in pig faeces. (Fre) Brassinne, M *Ann Parasitol Hum Comp* 48 (1); 169-173. Ref. Eng. Sum. Jan/Mar 1973

085223 448.9 L75A
Detection of antibodies to Babesia bigemina in dried blood samples using indirect fluorescent antibody test. [Cattle]. Burridge, M J *Ann Trop Med Parasitol* 67 (2): 191-195. Ref. June 1973

085224 448.9 L75A
Bovine babesiasis: persistence of immunity to Babesia argentina & Babesia bigemina in calves (Bos taurus) after naturally acquired infection. Mahoney, D F *Ann Trop Med Parasitol* 67 (2): 197-203. Ref. June 1973

085225 448.9 L75A
Production in bovine of antibody specific for closely related species & use of such antisera in identification of tsetse blood meals. [Glossina]. Emslie, V W *Ann Trop Med Parasitol* 67 (2): 213-217. Ref. June 1973

085226 41.8 EX7
Relationship of the haemolysin titre of Corynebacterium pyogenes cultures to their antigenicity in the mouse immunization test. (Ger) Michael-Meese, M *Arch Exp Veterinarmed* 27 (2): 209-213 ref. Eng. Sum. Apr 1973

085227 41.8 EX7
Serology of ferritin-antiferritin system: Improvement of beta-technique of ring precipitation test by using additives. [Rabbits, immunization]. (Ger) Perlberg, K W *Arch Exp Veterinarmed* 27 (2): 215-223. Ref. Eng. Sum. Apr 1973

085228 41.8 EX7
Active immunization of pigs against Salmonella choleraesuis with an inactivated, commercially available vaccine ('Dessau' Salmonella choleraesuis adsorbed vaccine. (Ger) Scholl, W *Arch Exp Veterinarmed* 27 (2): 233-237. Ref. Eng. Sum. Apr 1973

085229 41.8 EX7
Immunoprophylaxis & immunotherapy of Salmonella choleraesuis infection, using 'Dessau' salmonellosis serum of porcine orgin. (Ger) Seyfarth, D *Arch Exp Veterinarmed* 27 (2): 239-244. Eng. Sum. Apr 1973

085230 41.8 EX7
Immunization of foals against tetanus toxin. II. Transmission of tetanus antibodies in colostrum to newborn foals, & subsequent active immunization. (Ger) Schutzler, H *Arch Exp Veterinarmed* 27 (2): 245-250. Eng. Sum. Apr 1973

085231 41.8 EX7
Immunization of foals against tetanus toxin. III. Active immunization of newborn & young foals born of mares specifically treated against tetanus. (Ger) Schutzler, H *Arch Exp Veterinarmed* 27 (2): 251-262. Ref. Eng. Sum. Apr 1973

085232 41.8 EX7
Aspects of research on culture media carried out in connection with large-scale vaccine production. Summary of twenty years of development work at Dessau vaccine Institute. [Veterinary medicine]. (Ger) Kludas, K H *Arch Exp Veterinarmed* 27 (2): 263-270. Ref. Eng. Sum. Apr 1973

085233 41.8 EX7
Standardization of 'Dessau' special PPD tuberculin. II. [Cattle]. (Ger) Grasser, A *Arch Exp Veterinarmed* 27 (2): 271-288. Ref. Eng. Sum. Apr 1973

085234 41.8 EX7
Studies on salmonellosis in calves. I. Development of an infection model & experiments on pathogenesis. [Salmonella dublin]. (Ger) Hartmann, H *Arch Exp Veterinarmed* 27 (2): 289-300. Ref. Eng. Sum. Apr 1973

085235 41.8 EX7
Studies on salmonellosis in calves. II. Immunization experiments with attenuated Salmonella dublin. (Ger) Meyer, H *Arch Exp Veterinarmed* 27 (2): 301-320. Ref. Eng. Sum. Apr 1973

085236 41.8 EX7
Serological, chemical & immunochemical studies on Erysipelothrix insidiosa. XIII. Immunizing antigen. [Swine erysipelas]. (Ger) Erler, W *Arch Exp Veterinarmed* 27 (2): 321-326. Ref. Eng. Sum. Apr 1973

085237 41.8 EX7
Effect of temperature on solutions of disinfectants. [Bacteria, Newcastle disease virus]. (Ger) Stellmacher, W *Arch Exp Veterinarmed* 27 (2): 341-347. Apr 1973

085238 41.8 EX7
Effectiveness of some more disinfectants against bacteria. [Veterinary medicine]. (Ger) Stellmacher, W *Arch Exp Veterinarmed* 27 (2): 357-369. Eng. Sum. Apr 1973

085239 41.8 EX7
Studies on organophosphorous preparations in cattle, pigs & sheep, with special reference to cholinesterase activity. II. Use of organophosphorous preparations in cattle & their effect on acetylcholinesterase acti (Ger) Mieth, K *Arch Exp Veterinarmed* 27 (2): 371-381. Eng. Sum. Apr 1973

085240 448.3 AR23
Antigenic drift of equine infectious anemia virus in chronically infected horses. Kono, Y *Arch Gesamte Virusforsch* 41 (1/2): 1-10. Ref. 1973

085241 448.3 AR23
Virogenic properties of AKR mouse sarcoma cells induced by Rous sarcoma virus. Kuwata, T *Arch Gesamte Virusforsch* 41 (1/2): 106-115. Ref. 1973

085242 448.3 AR23
Physicochemical studies of equine infectious anemia virus. V. Effect of ultraviolet irradiation on virus infectivity. Nakajima, H *Arch Gesamte Virusforsch* 41 (1/2): 135-137. 1197 3

085243 448.3 AR23
Induction of tumors in hamsters with a bovine adenovirus strain (serotype 8). Rondhuis, P R *Arch Gesamte Virusforsch* 41 (1/2): 147-149. 1973

085244 448.3 AR23
Effect of DEAE[diethylaminoethyl]-dextran on infectivity of a feline calicivirus & its RNA. Love, D N *Arch Gesamte Virusforsch* 41 (1/2): 52-58. Ref. 1973

085245 448.3 AR23
Immunoferritin sutides of Marek's disease virus directed intracellular & membrane antigens. Nazerian, K *Arch Gesamte Virusforsch* 41 (1/2): 59-65. Ref. 1973

085246 448.3 AR23
Protective effect of an inactivated avian coronavirus vaccine administered by aerosol. Coria, M F *Arch Gesamte Virusforsch* 41 (1/2): 66-70. Ref. 1973

085247 448.3 AR23
Viral infection of bovine fetus & its environment. Hubbert, W T *Arch Gesamte Virusforsch* 41 (1/2): 86-98. Ref. 1973

085248 41.8 AR25
Use of bovine fetus spleen cells for isolation & identification of a bovine viral diarrhea-mucosal disease virus strain by fluorescent antibodies. (Ita) Cancellotti, F *Arch Vet Ital* 23 (6): 435-441. Ref. Eng. Sum. Dec 31, 1972

085249 100 AR42F
Coliform enteritis in rabbits. [Escherichia coli]. Patterson, L T *Ark Farm Res* 22 (3): 7. May/June 1973

085250 41.8 AU72
A survey of tapeworms in rural dogs in Tasmania. Gregory, G G *Aust Vet J* 49 (6): 273-278. Map. Ref. June 1973

085251 41.8 AU72
Studies on antigenic changes & strain differences in Babesia argentina infections. [Calves]. Curnow, J A *Aust Vet J* 49 (6): 279-283. Ref. June 1973

085252 41.8 AU72
Studies on epizootiology of bovine babesiosis in north eastern New South Wales. Currnow, J A *Aust Vet J* 49 (6): 284-289. Map. June 1973

085253 41.8 AU72
Use of a slide agglutination test to demonstrate antigenic differences between babesia bigemina parasites. Curnow, J A *Aust Vet J* 49 (6): 290-293. June 1973

085254 41.8 AU72
Studies on epizootiology of bovine babesiosis in common border areas of New South Wales & Queensland. Curnow, J A *Aust Vet J* 49 (6): 294-297. Map. June 1973

085255 41.8 AU72
Resistance to microbial infection – vaccines in theory & practice. Woolcock, J B *Aust Vet J* 49 (6): 307-317. Ref. June 1973

085256 41.8 AU72
Attempts to infect cattle with bovine ephemeral fever by inoculation of virus into cervix. Burgess, G W *Aust Vet J* 49 (7): 341-343. July 1973

085257 41.8 AU72
Hydatidosis & cysticercosis. 6. Acquired resistance by ewe & its effect on prenatal infections with Taenia ovis in lamb. Gemmell, M A *Aust Vet J* 49 (7): 344-346. Ref. July 1973

085258 41.8 AU72
Vaccination against Marek's disease with Australian strains of turkey herpesviruses & an attenuated Marek's disease herpesvirus. [Chickens]. Mustaffa-Babjee, A *Aust Vet J* 49 (7): 347-353. Ref. July 1973

085259 41.8 AU72
Efficiency of formaldehyde fumigation in three types of hatchery incubator. Evans, M *Aust Vet J* 49 (7): 354-357. Ref. July 1973

085260 442.8 AU7
A review of arthropod-borne virus infections affecting man & animals in Australia. French, E L *Australian J Exp Biol Med Sci* 51 (2): 131-158. Ref. Apr 1973

085261 442.8 AU7
Studies on inhibition of rejection of Trichostrongylus colubriformis in guienapigs by promethazine. Rothwell, T L W *Australian J Exp Biol Med Sci* 51 (2): 221-228. Ref. Apr 1973

085262 442.8 AU7
Utilization of zwitterionic buffer system in plaque assay of a filine calicivirus. Love, D N *Australian J Exp Biol Med Sci* 51 (2): 263-266. Ref. Apr 1973

085263 41.8 AV5
Detecting Marek's disease herpesvirus: evaluation of biological systems. Espeseth, D A *Avian Dis* 17 (2): 255-268. Ref. Apr/June 1973

085264 41.8 AV5
Plasma glutamic oxalacetic transaminase as related to liver lesions from histomoniasis in turkeys. Al-Khateeb, G H *Avian Dis* 17 (2): 269-273. Apr/June 1973

085265 41.8 AV5
Immunoperosidase technique for detection of fowlpox antigen. Tripathy, D N *Avian Dis* 17 (2): 274-278. Apr/June 1973

085266 41.8 AV5
Protection of chickens afforded by commerical lentogenic vaccines against challenge exposure to velogenic Newcastle disease virus. Butterfield, W K *Avian Dis* 17 (2): 279-282. Ref. Apr/June 1973

085267 41.8 AV5
Scanning electron-microscope studies of Mycloplasma gallisepticum in turkey sinus [Mycoplasma gallisepticum]. Sanger, V L *Avian Dis* 17 (2): 295-300. Apr/June 1973

085268 41.8 AV5
Arizona hinshawii infection in turkey poults: Pathologic changes. West, J L *Avian Dis* 17 (2): 314-324. Ref. Apr/June 1973

085269 41.8 AV5
Studies on differentiation of avian pox viruses. Tripathy, D N *Avian Dis* 17 (2): 325-333. Apr/June 1973

085270 41.8 AV5
Adenovirus infection & disease. I. Some charactersitics of an isolate from chickens in Indiana. Winterfield, R W *Avian Dis* 17 (2): 334-342. Ref. Apr/June 1973

085271 41.8 AV5
Adevovirus infection & disease. II. Histopathology of natural & experimental disease. Gallina, A M *Avian Dis* 17 (2): 343-353.ref. Apr/June 1973

085272 41.8 AV5
Viscerotropic pathotype of Newcastle disease virus. Hanson, R P *Avian Dis* 17 (2): 354-361. Ref. Apr/June 1973

085273 41.8 AV5
Plaque formation by infectious bronchitis virus in chicken embryo kidney cell cultures. Gillett, K G *Avian Dis* 17 (2): 369-378. Ref. Apr/June 1973

085274 41.8 AV5
Chemotherapy studies of Salmonella typhimurium in chickens. Olesiuk, O M *Avian Dis* 17 (2): 379-389. Apr/June 1973

085275 41.8 AV5
Dual infection of chickens with acute & mild strains of Marek's disease herpesvirus. Cho, B R *Avian Dis* 17 (2): 390-395. Apr/June 1973

085276 41.8 AV5
Studies on Pasteurella multocida. I. Efficacy of an avirulent mutatn as a live vaccine in turkeys. Maheswaran, S K *Avian Dis* 17 (2): 396-405. Ref. Apr/June 1973

085277 41.8 AV5
Characterization of two reoviruses isolated from turkeys with infectious enteritis. Gershowitz, A *Avian Dis* 17 (2): 406-414. Ref. Apr/June 1973

085278 41.8 AV5
Isolation & characterization of a virus associated with arthritis of chickens. Glass, S E *Avian Dis* 17 (2): 415-424. Ref. Apr-/June 1973

085279 41.8 AV5
Efficacy of clopidol against twelve strains of Eimeria tenella, & development of a clopidol-resistant strain. McLoughlin, D K *Avian Dis* 17 (2): 425-429. Ref. Apr/June 1973

085280 41.8 AV5
Isolation & characterization of viruses associated with transmissible enteritis (bluecomb) of turkeys. Panigrahy, B *Avian Dis* 17 (2): 430-438. Apr/June 1973

085281 41.8 AV5
Immunologic response of chicks to inactivated Newcastle disease virus. Zakay-Rones, Z *Avian Dis* 17 (2): 450-452. Apr/June 1973

085282 47.8 R523
Spectam: an new antibiotic for control of poultry diseases. (Ita) *Avicoltura* 42 (2): 63-67. Feb 1973

085283 47.8 R523
Experiments with use of Coyden 25 in veterinary practice. [Chickens, coccidiosis, control]. (Ita) Mascagni, M *Avicoltura* 42 (2): 69-71. Feb 1973

085284 41.9 AZ1
Epidemiological survey of avian encephalomyelitis in Maiyagi Prefecture. (Jap) Takeda, T *Azabu Vet Coll Bull* 24: 27-34. Eng. Sum. May 1972

085285 40.19 AM3
Controlling parasitism in goats through management. Jordan, H E *AGS Year Book (am Goat Soc Inc)* P. 24-27. 1972

085286 40.19 AM3
Your goat has worms. Busek, M *AGS Year Book (am Goat Soc Inc)* P. 47-60. 1972

085287 41.8 B45
A report on latent Salmonella infection in German cattle for slaughter. (Ger) Habermalz, D *Berliner Munchener Tierarztl Wochenschr* 86 (11): 206-208. Ref. Eng. Sum. June 1, 1973

085288 41.8 B45
Technique of isolating anaerobic, gram-negative, non-spore-forming germs in animal research material. (Ger) Hartwigk, H *Berliner Munchener Tierarztl Wochenschr* 86 (11): 213-216. Ref. Eng. Sum. June 1, 1973

085289 442.9 IN7
Pets & zoonoses. McDiarmid, A *Biologist* 20 (2): 69-73. May 1973

085290 448.8 B772
Ultrastructural & associated studies on experimental mastitis in mouse produced by three strains of streptococcus. Chandler, R L *Brit J Exp Pathol* 54 (3): 267-273. June 1973

085291 41.8 V643
Presence of snails of veterinary importance in Isfahan, Iran. Ghadirian, E *Brit Vet J* 129 (2): I-iii. Mar/Apr 1973

085292 41.8 V643
Pulmonary nocardiosis in a goat in Malawi. Ellwood, D C *Brit Vet J* 129 (2): Iv-vii. Mar/Apr 1973

085293 41.8 V643
An epidemiological study of Pasteurella haemolytica in calves. Wray, C *Brit Vet J* 129 (2): 116-123. Ref. Mar/Apr 1973

085294 41.8 V643
Globidium leuckarti in small intestine of three horses. Roberts, M C *Brit Vet J* 129 (2): 146-150. Ref. Mar/Apr 1973

085295 41.8 V643
Salmonella dublin infection in calves: value of rectal swabs in diagnosis & epidemiological studies. Richardson, A *Brit Vet J* 129 (2): 151-155. Mar/Apr 1973

085296 41.8 V643
Studies on mechanism of Rose Bengal plate test for bovine brucellosis. Corbel, M J *Brit Vet J* 129 (2): 157-166. Ref. Mar-/Apr 1973

085297 41.8 V643
An experimental study with combined vaccines against haemorrhagic septicaemia & black quarter. Sinha, A K *Brit Vet J* 129 (2): 175-183. Mar/Apr 1973

085298 41.8 V643
Efficacy of four dichlorvos formulations against adult Hyostrongylus rubidus & Oesophagostomum spp. in pigs. Taffs, L F *Brit Vet J* 129 (3): Xxi-xxvi. May/June 1973

085299 41.8 V643
Septicaemia in foal. A review of sixty-/one cases. Platt, H *Brit Vet J* 129 (3): 221-229. Ref. May/June 1973

085300 41.8 V643
An investigation into mode of transmission of sarcosporidiosis. Purohit, S K *Brit Vet J* 129 (3): 23-235. Ref. May/June 1973

085301 41.8 V643
Resistance of sheep to Fasciola hepatica: Studies on development & pathogenicity of challenge infections. Sinclair, K B *Brit Vet J* 129 (3): 236-250. Ref. May/June 1973

085302 21.5 B87
Production of national antigen & positive brucellar serum according to new international standard. [Livestock, brucellosis, diagnosis]. (Alb) Heba, E *Bul Shkencave Bujqesore* 11 (4): 107-119. Eng. Sum. 1972

085303 21.5 B87
Coligranuloma of chickens in our country & measures against it. (Alb) Puka, F *Bul Shkencave Bujqesore* 11 (4): 121-126. Eng. Sum. 1972

085304 21.5 B87
Pursuance of infection by pullorum disease in hens, chickens & eggs. [Salmonela pullorum]. (Alb) Dizdari, F *Bul Shkencave Bujqesore* 11 (4): 127-137. Ref. Eng. Sum. 1972

085305 21.5 B87
Results of various diagnostic tests for brucellosis in a heard of cattle affected in a chronic way. (Alb) Kuka, A *Bul Shkencave Bujqesore* 11 (4): 97-105. Eng. Sum. 1972

085306 284.68 B87
Brucellosis: A scourge which doesn't strike only livestock. (Fre) Neyrial, *Bull Inform Mutual Agr* 234: 43-45. Apr 1973

085307 41.8 C162
In vitro studies of group E streptococci in swine leukocytes. I. Phagocytic & bactericidal properties of polymorphonuclear leukocytes from swine. Cargill, C F *Can J Comp Med* 37 (2): 107-111. Ref. Apr 1973

085308 41.8 C162
In vitro studies of group E streptococci in swine leukocytes. II. Phagocytic & bactericidal properties of macrophages from immune & nonimmune swine. Cargill, C F *Can J Comp Med* 37 (2): 112-115. Ref. Apr 1973

085309 41.8 C162
In vitro studies of group E streptococci in swine leukocytes. III. migration inhibition test as an indication of delayed hypersensitivity in streptococcic lymphadenitis. Cargill, C F *Can J Comp Med* 37 (2): 116-118. Apr 1973

085310 41.8 C162
Age dependent resistance to transmissible gastroenteritis of swine (TGE). I. Clinical signs & some mucosal dimensions in small intestine. Moon, H W *Can J Comp Med* 37 (2): 157-166. Ref. Apr 1973

085311 41.8 C162
Equine infectious anemia: Sensitivity of indirect complement-fixation tests for detection of antibodies in equine serum. Carrier, S P *Can J Comp Med* 37 (2): 171-176. Ref. Apr 1973

085312 41.8 C162
Effect of dietary crude protein level on intestinal & cecal coccidiosis in chicken. Sharma, V D *Can J Comp Med* 37 (2): 195-199. Ref. Apr 1973

085313 41.8 C162
Isolation of Escherichaa coli 0157 from pigs with colibacillosis in Canada & United States. Glantz, P J *Can J Comp Med* 37 (2): 200-202. Apr 1973

085314 41.8 C162
Incident light immunofluorescence of alcohol-fixed colonies of ruminant Mycoplasma. Tessler, J *Can J Comp Med* 37 (2): 207-209. Ref. Apr 1973

085315 41.8 C162
Preliminary observations on isolation of Escherichia coli bacteriophages from intestinal contents of chickens. Bhatia, T R S *Can J Comp Med* 37 (2): 210-213. Ref. Apr 1973

085316 41.8 C162
Comparative study of agar mediums for propagation of ruminant Mycoplasma. Tessler, J *Can J Comp Med* 37 (2): 214-216. Apr 1973

085317 41.8 R3224
ERA strain rabies vaccine: Intracerebral passage in dogs. Lawson, K F *Can Vet J* 14 (6): 125-128. June 1973

085318 QR180.C4
Immunocompetent cells in chicken. I. Synergism between thymus cells & either bursa or bone marrow cells in humoral immune response to sheep erythrocytes. McArthur, W P *Cell Immunol* 8 (1): 103-111. Ref. July 1973

085319 99.8 EM72
Selection forest management in South Westland, New Zealand. Spicer, L R *Commonwealth Forest Rev* 52 (2): 177-182. Map. June 1973

085320 QR180.C6
Effect of thymectomy on immunological responses in sheep. Morris, B *Contemp Top Immunobiol* 2: 39-62. Ref. 1973

085321 44.8 C12
Rational use of antibiotics. Blackmer, P *Dairyman (Paramount)* 53 (7): 22-25. July 1973

085322 41.8 D482
Vaccination experiments against so-called enzootic pneumonia of pigs with a SEP-formol vaccine. (Ger) Glawischnig, E *Deut Tierarztl Wochensch* 80 (11): 245-249. (Continued) June 1, 1973

085323 41.8 D482
Isolation of a foot-and-mouth disease carrier virus type A from cattle. (Ger) Kothmann, G *Deut Tierarztl Wochensch* 80 (12): 269-271. Eng. Sum. June 15, 1973

085324 41.8 D482
Vaccination experiments against so-called enzootic pneumonia of pigs with a SEP-formol vaccine. (Ger) Glawischnig, E *Deut Tierarztl Wochensch* 80 (12): 271-274. (Continued) ref. Eng. Sum. June 15, 1973

085325 41.8 D482
Death of cattle with pyogenous mastitis after treatment with antibiotics. (Ger) Aehnelt, E *Deut Tierarztl Wochensch* 80 (12): 279-284. Ref. June 15, 1973

085326 280.8 EC7323
Effect of some antibiotics on Newcastle disease 'Komarov' virus. [Poultry]. Spence, J B *Econ Rurale Liban* 42: 86-96. July/Sept 1972

085327 49 B462
At first European veterinary congress; concentration & health: Two irreconcilable things? [Livestock, diseases]. (Fre) Goret, P *Elevage* 19: 35-39. June 1973

085328 10 ES73
Disease & intensification. [Animal husbandry]. Sainsbury, D W B *Esso Farmer* 25 (1): 11-14. 1973

085329 436.8 EX7
Granuloma formation to Capillaria hepatica eggs. I. Descriptive definition. [Mice]. Solomon, G B *Exp Parasitol* 33 (3): 458-467. Ref. June 1973

085330 436.8 EX7
Eimeria tenella: screening of chemotherapeutic compounds in cell cultures. [Chicken]. Strout, R G *Exp Parasitol* 33 (3): 477-485. Ref. June 1973

085331 S19.F37
Great economic loss – due to brucellosis in dairy animals. Pandey, M R *Farmer Parliament* 8 (2): 17-18. Feb 1973

085332 SF1.A4
Mastitis-metritis-agalactia complex (MMA) in swine. Aherne, F X *Feeders' Day Dep Anim Sci Univ Alberta* 52: 19-21. 1973

085333 S19.F63
Epidemiology of parasitic gastro-enteritis of cattle in Orissa. [India]. Misra, S C *Food Farming Agric* 5 (2): 14-16. Aug 1972

085334 47.8 G43
About a reviewed control of Newcastle disease. [Poultry]. (Ita) Rioux, J *G Allevatori* 23 (3): 50-56. Mar 1973

085335 24 G564
Worm infestations in sheep & how to control them. Owusu, P M *Ghana Farmer* 16 (2): 90-92. Dec 1972

085336 47.38 M66
Plan your vaccination programs for 1973. Pomeroy, B *Gobbles* 28 (1): 5, 15. May 1973

085337 43.8 G69
Calf diseases can be fatal. Supekar, P G *Gosamvardhana* 20 (8/9): 6-9. Nov/Dec 1972

085338 10 G79LA
Swine fever. *Great Brit Min Agr Fish Food Adv Leaf* 83, Rev., 4 P. 1973

085339 436.9 H36
Immunosuppressive activity of azathioprine in experimental infection of guinea pig with Trichinella spiralis. Harley, J P *Helminthol Soc Wash Proc* 40 (2): 242-244. Ref. July 1973

085340 436.9 H36
Interaction of gastrointestinal nematodes established in calves by two spaced inoculations. [Ostertagis, Trichostrongylus, Cooperia]. Goldberg, A *Helminthol Soc Wash Proc* 40 (2): 259-264. July 1973

085341 436.9 H36
Relationship of spaced administration of larvae to worm burden in calves. [Ostertagia, Trichostrongylus, Cooperia oncophora]. Goldberg, A *Helminthol Soc Wash Proc* 40 (2): 288-291. July 1973

085342 436.9 H36
Use of ducks as biological control agents of Fasciola hepatica. Samson, K S *Helminthol Soc Wash Proc* 40 (2): 292-293. July 1973

085343 436.9 H36
Excystation of Sarcocystis fusiformis sporocysts from dogs. Fayer, R *Helminthol Soc Wash Proc* 40 (2): 294-296. July 1973

085344 50.8 H95
Number & percentage data of some infections & parasitic diseases experienced in our slaughterhouse in 1968-1970. (Hun) Mehes, G *Husipar* 22 (1): 14-27. Ref. Eng. Sum. Jan 1973

085345 448.3 IM6
Sheep immune respone. Variation of anti-hapten & anti-carrier antibodies in gamma 1 & gamma 2 immunoglobulin fractions. Margni, R A *Immunology* 24 (5): 781-789. Ref. May 1973

085346 QP246.S55 1967
Immunochemical analysis of transfer of certain proteins from blood into milk & colostrum. [Cattle]. (Rus) Popovich, D *In Simpozium po fiziologii i biokhimii laktatsii, 2D, L Eningrad, 1967. Fiziologiia i Biokhimiia Laktatsii* P. 139-149. Ref. 1972

085347 44.8 IN282
Mastitis & milk proteins. Singh, L N *Indian Dairyman* 25 (2): 79-81. Feb 1973

085348 22 IN283
Save your cattle from bloody protozoa. [Parasites]. Gill, B S *Indian Farming* 22 (9): 24-26. Dec 1972

085349 41.8 IN22
Studies on mortality in bovine calves due to pneumoenteritis. Singh, S P *Indian J Anim Sci* 42 (10): 798-802. Oct 1972

085350 41.8 IN22
Onchocercal lesions in aorta & ligamentum nuchae of buffaloes & bullocks: a histological study. [Onchoceria armillata]. Chauhan, P P S *Indian J Anim Sci* 42 (10): 809-813. Oct 1972

085351 41.8 IN22
Vaccine for control of pasteurellosis in sheep & goats . [Pasteurella multocida]. Nangia, S S *Indian J Anim Sci* 42 (10): 829-832. Oct 1972

085352 41.8 IN22
Serological evidence of avian respiratory mycoplasmosis (ARM) infectious bronchitis (IB) & infectious laryngotracheitis (ILT) in Maharashtra & in some of northern states of India. Khanna, P N *Indian J Anim Sci* 42 (10): 840-843. Oct 1972

085353 41.8 IN22
Vertical migration of Haemonchus contortus infective larvae on experimental grass-pots. [Sheep, parasites]. Misra, S C *Indian J Anim Sci* 42 (10): 843-846. Oct 1972

085354 41.8 IN22
Experimental development of Centrocestus formosanus (Nishigori 1924) in Indian domestic poultry with notes on natural infection. Nath, D *Indian J Anim Sci* 42 (10): 861-868. Oct 1972

085355 41.8 IN22
Studies on paracooperid infection in buffalo calves. 2. Morphology of parasitic juveniles & adults with remarks on validity of Paracooperia matoffi. Chauhan, P P S *Indian J Anim Sci* 42 (11): 919-929. Nov 1972

085356 41.8 IN22
Pneumonia in sheep & goats in Tarai: a pathological study. Bhagwan, P S K *Indian J Anim Sci* 42 (11): 938-942. Ref. Nov 1972

085357 41.8 IN22
Pathology of Centrocestus formosanus (Nishigori, 1924) infection in experimental pigeon. Nath, D *Indian J Anim Sci* 42 (11): 952-954. Nov 1972

085358 41.8 IN22
Circum-oval precipitin test in pigs infected with Schistosoma incognitum. Ahluwalia, S S *Indian J Anim Sci* 42 (11): 955-956. Nov 1972

085359 41.8 IN22
Histopathological & histochemical changes following invasion of mice by Toxocara canis (Werner, 1782). Chari, S S *Indian J Anim Sci* 42 (11): 957-960. Nov 1972

085360 41.8 IN22
On a psilostomatid metacercaria from Indian pond-frog Rana cyanophlyctis: a note [Poultry]. Nath, D *Indian J Anim Sci* 42 (11): 960-961. Nov 1972

085361 41.8 IN22
Zoonotic potentials of schistosoma incognitum. Ahluwalia, S S *Indian J Anim Sci* 42 (11): 962-964. Nov 1972

085362 SF481.I5
Studies on helminthic infection of desi fowls in Orissa with institution of effective chemotherapeutic measure against Ascaridia galli & Heterakis gallinae. Misra, S C *Indian J Poultry Sci* 7 (4): 10-13. Oct/Dec 1973

085363 SF481.I5
Evaluation of terephthalic acid for chlortetracycline potentiation against experimental fowl cholera. Garg, R C *Indian J Poultry Sci* 7 (4): 14-19. Ref. Oct/Dec 1973

085364 SF481.I5
Studies on pathology of female reproductive tract of domestic fowls. I. Naturally occuring oophoritis & salpingitis. [Escherichia coli]. Pradhan, H K *Indian J Poultry Sci* 7 (4): 45-50. Ref. Oct/Dec 1973

085365 SF481.I5
Occurrence of a respiratory disease in poultry due to mixed infections of Escherichia coli, fowl pox, infectious bronchitis & mycoplasma. Kulshrestha, S B *Indian J Poultry Sci* 8 (1): 27-29. Jan/Mar 1973

085366 SF481.I5
Infectious larvngotracheitis in poultry. Singh, B *Indian J Poultry Sci* 8 (1): 30-35. Ref. Jan/Mar 1973

085367 41.8 IN2
Fungi associated with respiratory diseases of poultry. Jand, S K *Indian Vet J* 50 (3): 211-215. Ref. Mar 1973

085368 41.8 IN2
Hemogram & serum proteinogram in some poultry diseases. Rajendran, M P *Indian Vet J* 50 (3): 216-224. Ref. Mar 1973

085369 41.8 IN2
Immunostimulating effect of tetramisole on antibody formation against Newcastle disease virus in chicks. Kulkarni, V B *Indian Vet J* 50 (3): 225-227. Mar 1973

085370 41.8 IN2
Prevalance of brucellosis among cattle & buffaloes in Haryana state. Kulshreshtha, R C *Indian Vet J* 50 (3): 228-230. Mar 1973

085371 41.8 IN2
Development of Haemonchus eggs under outdoor conditions. Misra, S C *Indian Vet J* 50 (3): 231-233. Mar 1973

085372 41.8 IN2
Comparative studies on effects of sulphaquinoxaline & sulphadimethylpyrimidine against induced caecal coccidiosis in chicks. Raviprakash, V *Indian Vet J* 50 (3): 275-282. Mar 1973

085373 41.8 IN2
Comparative efficacy of Grisovin F.P., Ephytol & multifungin against Trichophyton verrucosum Bodin, 1902 infection in cattle. Misra, S K *Indian Vet J* 50 (3): 290-291. Mar 1973

085374 QR1.I57
Virulence of two mastitis strains of Staphylococcus aureus in bovine skin; enhancement by growth in high carbohydrate-high salt medium or raw milk. Brock, J H *Infect Immun* 7 (6): 865-872. Ref. June 1973

085375 QR1.I57
Immunoelectrophoretic analysis of Mycoplasma mycoides var. mycoides. [Cattle]. Stone, S S *Infect Immun* 7 (6): 922-930. Ref. June 1973

085376 QR1.I57
Macrophage cytophilic antibodies in mice: inabiltiy to induce ingestion of sheep erythrocytes by mouse peritoneal macrophages. Tizard, I R *Infect Immun* 7 (6): 931-936. Ref. June 1973

085377 QR1.I57
Isolation & characterization of an avian adenovirus-associated virus. [Quail]. Yates, V J *Infect Immun* 7 (6): 973-980. Ref. June 1973

085378 QR1.I57
Ontogeny of bovine immune response. Schultz, R D *Infect Immun* 7 (6): 981-991. Ref. June 1973

085379 49 IN3
Control of dairy cattle & protection against mastitis. (Ita) Giuliani, G *Inform Zootec* 20 (3): 6-7. Feb 7, 1973

085380 44.8 F33
Bovine mastitis: effects & control. [Brazil]. (Por) Figueiredo, J B *Inst Laticinios Candido Tostes Rev* 28 (166): 1-6. Jan/-Feb 1973

085381 41.8 V6425
Polyradiculoneuritis: a case study. [Dogs]. Robinson, S *Iowa State Univ Vet* 35 (1): 16-17. Ref. 1973

085382 41.8 V6425
Bovine toxic mastitis. Weston, R R *Iowa State Univ Vet* 35 (1): 19-22. 1973

085383 41.8 V6425
Equine rabies. Emerson, R C *Iowa State Univ Vet* 35 (1): 22-24. 1973

085384 41.8 V6425
Non-specific postpartum endometritis. [cattle]. Woodle, D E *Iowa State Univ Vet* 35 (2): 63-65. Ref. 1973

085385 41.8 IO9
Incidence of swine tuberculosis in Iowa. Osen, E J *Iowa Vet* 44 (4): 10, 12. July-/Aug 1973

085386 41.8 IO9
Brucellosis: Incidence in Iowa. [Cattle, swine]. Spangler, G W *Iowa Vet* 44 (4): 4-9. Map. July/Aug 1973

085387 49 J82
Bacteriological evaluations of swine exposed to lethal levels of gamma radiation. Eisele, G R *J Anim Sci* 37 (1): 27-32. Ref. July 1973

085388 410 J828
Observations on a naturally occurring winter epizootic of myxomatosis at Canberra, Australia, in presence of rabbit fleas (Spilopsyllus cuniculi dale) & virulent myxoma virus. Williams, R T *J Appl Ecol* 10 (2): 417-427. Ref. Aug 1973

085389 44.8 J823
Further short-term studies of influence of milking machine on rate of new mastitis infections. [Streptococcus, cows]. Cousins, C L *J Dairy Res* 40 (2): 289-292. June 1973

085390 44.8 J822
Leukocytic response to adrenocorticotrophic hormone as influenced by infectious history of mammary gland. Paape, M J *J Dairy Sci* 56 (6): 733-737. Ref. June 1973

085391 44.8 J822
Aspergillus fumigatus in samples of moldy silage. Smith, D F *J Dairy Sci* 56 (6): 828-829. June 1973

085392 QH540.J6
Phagocytic activity of peritoneal exudate cells from mice. [Bluetongue virus]. Oellermann, R A *J Environ Qual* 39 (4): 197-204. Dec 1972

085393 QR360.A1J6
A rabies-induced serum factor inhibiting Rous sarcoma virus in chicks. Desai, S M *J Gen Virol* 19 (3): 285-293. Ref. June 1973

085394 QR360.A1J6
Semliki Forest virus-chick embryo cell interactions. Fleming, P *J Gen Virol* 19 (3): 353-367. Ref. June 1973

085395 QR360.A1J6
Evidence for a group protein in foot-and-mouth disease virus particles. Talbot, P *J Gen Virol* 19 (3): 369-380. Ref. June 1973

085396 QR360.A1J6
Haemagglutination by type SAT 2 foot-& mouth disease viruses. Booth, J C *J Gen Virol* 19 (3): 397-404. Ref. June 1973

085397 449.8 J82
Nature of antibody response to Yersinia enterocolitica serotype IX in cattle. Corbel, M J *J Hyg* 71 (2): 309-323. Ref. June 1973

085398 449.8 J82
Evidence for airborne spread of Newcastle disease. [Poultry]. Hugh-Jones, M *J Hyg* 71 (2): 325-339. Ref. June 1973

085399 448.8 J824
Histochemical distribution of 'leucine' aminopeptidase in Oesophagostomum radiatum grown in vivo & in vitro. [Cattle]. Douvres, F W *J Parasitol* 59 (3): 417-424. Ref. June 1973

085400 448.8 J824
Unimpaired infectivity of nematode Haemonchus contortus after freezing for 44 weeks in presence of liquid nitrogen. [Sheep]. Campbell, W C *J Parasitol* 59 (3): 425-427. June 1973

085401 448.8 J824
Conversion of ascaroside esters to free ascarosides in fertilized eggs of Ascaris suum (Nematoda). Tarr, G E *J Parasitol* 59 (3): 428-433. Ref. June 1973

085402 448.8 J824
Localization of proteolytic activity in Fasciola hipatica. Howell, M J *J Parasitol* 59 (3): 454-456. June 1973

085403 448.8 J824
Interspecific interactions between Hymenolepis microstoma (Cestoda) & Heligmosomoides polygyrus (Nematoda) in mice. Courtney, C H *J Parasitol* 59 (3): 480-483. Ref. June 1973

085404 448.8 J824
Mucosal morphology & cellular renewal in intestine of chickens following a single infection of Eimeria acervulina. Fernando, M A *J Parasitol* 59 (3): 493-501. Ref. June 1973

085405 448.8 J824
Synergism between 4-hydroxyquinoline & pyridone coccidiostats. [Chicks]. Challey, J R *J Parasitol* 59 (3): 502-504. Ref. June 1973

085406 448.8 J824
Infectivity of embryonated Trichuris suis eggs passed through digestive tracts of post-weanling pigs. Hill, C H *J Parasitol* 59 (3): 580-581. June 1973

085407 448.8 J824
Sarcocystis in dogs & its probable transmission from cattle. Mahrt, J L *J Parasitol* 59 (3): 588-589. June 1973

085408 448.8 J824
Use of three day-old chick embryos for cultivation of Leucochloridium variae McIntosh, 1932 (Trematoda). Fried, B *J Parasitol* 59 (3): 591-592. June 1973

085409 41.8 J8292
Serratia marcescens septicaemia in dog. Wilkins, R J *J Small Anim Pract* 14 (4): 205-215. Ref. Apr 1973

085410 41.8 V6446
Serologic surveys for avian encephalomyelitis & chicken-embryo-lethal-orphan viruses in chickens in Korea. Choi, W P *Jap J Vet Res* 21 (1/2): 23-25. Ref. Apr 1973

085411 41.9 J275
A field experiment of Marek's disease vaccine. [Chickens]. (Jap) Yamada, S *Jap Vet Med Ass J* 26 (4): 183-188. Ref. Eng. Sum. Apr 1973

085412 41.9 J275
Pathological changes & bacteriological examination of a purulent disease in swine. (Jap) Suzuki, T *Jap Vet Med Ass J* 26 (4): 188-192. Ref. Apr 1973

085413 105.9 H89
Trend in formation of quanity, drymatterand butterfat percentage of milk in case of functional disorders of udder. [Mastitis, cattle]. (Hun) Szajko, L *Kiserletugyi Kozlemenyek* 64B (1/3): 57-71. Ref. Eng. Sum. 1971 (Pub. 1973)

085414 105.9 H89
Factors influencing diseases of respiratory & digesting organs caused by viruses in cattle. (Hun) Bartha, A *Kiserletugyi Kozlemenyek* 64B (1/3): 83-90. Ref. Eng. Sum. 1971 (Pub. 1973)

085415 41.8 K67
Treatment of ectoand endoparasites of dogs & cats. (Ger) Niemand, H G *Kleintier – praxis* 18 (4): 103-107. June 1973

085416 41.8 K67
Two cases of consumption coagulopathy during acute hepatitis of dog. (Ger) Schaewen, H *Kleintier – praxis* 18 (4): 111-114. Ref. June 1973

085417 41.8 K67
Vaccination of dog against rabies. (Ger) Mayr, A *Kleintier – praxis* 18 (4): 91-92, 94,96. June 1973

085418 QL55.A1L3
Establishment of a colony of mice free from lymphocytic choriomeningitis in kenya. Cooper, J E *Laboratory Anim* 7 (2): 111-117. Ref. May 1973

085419 QL55.A1L3
Natural routes for post-natal transmission of murine lymphocytic choriomeningitis [Mice]. Skinner, H H *Laboratory Anim* 7 (2): 171-184. May 1973

085420 105.2 OR3
Results of vaccination against Marek's disease of broiler-breeders. [Avian lymphomatosis]. (Dut) Maas, N J L *Landbouwkundig Tijdschr* 85 (5): 147-163. Ref. Eng. Sum. May 1973

085421 49 L758
Ails-cures of young cattle: heavy pros & cons in developing immunity. Railsback, G A *Livestock Breeder J* 16 (7): 84-88. July 1973

085422 49 L758
What is a meat animal? [Growth]. Butterfield, R M *Livestock Breeder J* 16 (7): 94, 96, 98, 304-305. July 1973

085423 41.8 V644
Human relations of brucellosis in Hungary. (Hun) Lakatos, M *Magyar Allatorv Lapja* 28 (4): 197-202. Ref. Eng. Sum. Apr 1973

085424 41.8 V644
Relations of porcine-leptospirosis in forensic veterinary medicine. (Hun) Varnagy, L *Magyar Allatorv Lapja* 28 (4): 209-212, 215-218. Ref. Eng. Sum. Apr 1973

085425 41.8 V644
Enterovirus infection of swine with damage of foetus (SMEDI). [Stillbirth Mummification Embroynic Death & Infertility]. (Hun) Benydea, J *Magyar Allatorv Lapja* 28 (4): 221-225. Ref. Eng. Sum. Apr 1973

085426 41.8 M463
Treatment of liver fluke infestation & other trematodes in animals. (Pol) Zarnowski, E *Med Wet* 29 (4): 193-196. Apr 1973

085427 41.8 M463
Treatment of gastrointestinal helminthiasis of farm animals. (Pol) Grzywinski, L *Med Wet* 29 (4): 197-200. Ref. Apr 1973

085428 41.8 M463
Treatment of coccidiosis of domestic animals. (Pol) Fagasinski, A *Med Wet* 29 (4): 203-206. Apr 1973

085429 41.8 M463
Parasitic invasions of alimentary tract of broilers in course of industrial fattening process. (Pol) Dzido, T *Med Wet* 29 (4): 207-208. Eng. Sum. Apr 1973

085430 41.8 M463
Preliminary examinations on occurrence of gastrointestinal nemathodes in pigs in small farms in Lodz province. (Pol) Maciolek, H *Med Wet* 29 (4): 208-209. Ref. Apr 1973

085431 41.8 M463
Some atttempts of immunization of one-day chicks against NDV [newcastle disease virus] by means of a vaccine produced in tissue cell culture. (Pol) Majdan, S *Med Wet* 29 (4): 210-211. Apr 1973

085432 41.8 M463
Studies on serological differentation of strains of Mycobacterium avium isolated in Poland. III. comparison of value of immunoelectrophoresis & agglutination test for classification of Mycobacterium avium. (Pol) Rzedzicki, J *Med Wet* 29 (4): 211-214. Ref. Eng. Sum. Apr 1973

085433 41.8 M463
Pasteurella haemolytica as a bacterium complicating bronchopneumonia in cattle. (Pol) Nowacki, J *Med Wet* 29 (4): 215-217. Ref. Eng. Sum. Apr 1973

085434 18 N39
Tapeworm control also in sheep? [Moniezia expansa]. (Ger) Behrens, H *Mitt Deut Landwirt-ges* 88 (25): 712-713. June 21, 1973

085435 41.8 M742
Role of IBR-IPV [infectious bovine rhinotracheitis, infectious pustular vulvovaginitis] virus infection in calf stocks. (Ger) Kokles, R *Monatsh Veterinarmed* 28 (10): 379-381. Ref. Eng. Sum. May 15, 1973

085436 41.8 M742
Possibilities of immunoprophylaxis for virus diseases of respiratory organs in cattle. (Ger) Bergmann, H *Monatsh Veterinarmed* 28 (10): 381-384. Ref. Eng. Sum. May 15, 1973

085437 41.8 M742
Role of salmonellosis for cattle reproduction & fattening centres & steps for sanitation. [Salmonella dublin]. (Ger) Beduhn, M *Monatsh Veterinarmed* 28 (11): 412-414. Eng. Sum. June 1, 1973

085438 41.8 M742
Gastro-intestinal diseases of swine. (Ger) Seffner, W *Monatsh Veterinarmed* 28 (12): 469-474. Eng. Sum. June 15, 1973

085439 41.9 R923
Basic results & trends in research in protozoology. [Livestock, parasites]. (Rus) Abramov, I V *Moscow Vses Inst Eksp Vet Tr* 40: 115-126. 1972

085440 41.9 R923
Research results of laboratory of antibiotics & mycology, All-Union Institute of Experimental Veterinary Medicine, over past five years. [Infectious diseases, control]. (Rus) Sarkisov, A Kh *Moscow Vses Inst Eksp Vet Tr* 40: 127-145. 1972

085441 41.9 R923
Results of research of microbiological laboratory, 1966-1970, of All-Union Institute of Experimental Veterinary Medicine. [Livestock, infectious diseases]. (Rus) Polykovskii, M D *Moscow Vses Inst Eksp Vet Tr* 40: 14-29. 1972

085442 41.9 R923
Results of research in livestock pathology. (Rus) Akulov, A V *Moscow Vses Inst Eksp Vet Tr* 40: 146-156. 1972

085443 41.9 R923
On results of studying leukosis in cattle. (Rus) Laktionov, A M *Moscow Vses Inst Eksp Vet Tr* 40: 183-195. 1972

085444 41.9 R923
Results of research on brucellosis in livestock. (Rus) Orlov, E S *Moscow Vses Inst Eksp Vet Tr* 40: 196-213. 1972

085445 41.9 R923
Results & prospects for study of tuberculosis. [Livestock]. (Rus) Poddubskii, I V *Moscow Vses Inst Eksp Vet Tr* 40: 214-224. 1972

085446 41.9 R923
Results of studying immunobiological properties of foot-and-mouth disease virus. (Rus) Salazhov, E L *Moscow Vses Inst Eksp Vet Tr* 40: 225-235. 1972

085447 41.9 R923
Results & objectives of veterinary medicine in field of studying infectious pathology of swine. (Rus) Pritulin, P I *Moscow Vses Inst Eksp Vet Tr* 40: 236-251. 1972

085448 41.9 R923
Basic trends in research on infectious diseases of poultry. (Rus) Serebriakov, A S *Moscow Vses Inst Eksp Vet Tr* 40: 252-262. 1972

085449 41.9 R923
Results of study & development of methods of complex immunization of swine against acute infectious diseases. (Rus) Pritulin, P I *Moscow Vses Inst Eksp Vet Tr* 40: 299-309. 1972

085450 41.9 R923
Basic results over five years & future trends in scientific research in field of infectious diseases of livestock. (Rus) Kovalenko, IA R *Moscow Vses Inst Eksp Vet Tr* 40: 3-13. 1972

085451 41.9 R923
Advances in research on livestock immunity. (Rus) Kovalenko, IA R *Moscow Vses Inst Eksp Vet Tr* 40: 30-38. Ref. 1972

085452 41.9 R923
On outbreak & eradication of cases of anthrax. (Rus) Kosarev, V A *Moscow Vses Inst Eksp Vet Tr* 40: 310-319. 1972

085453 41.9 R923
Specific prophylaxis for Anaplasma infections. [Cattle]. (Rus) Stepanova, N I *Moscow Vses Inst Eksp Vet Tr* 40: 320-327. 1972

085454 41.9 R923
Epizootiological significance of nonpathogenic mycobacteria in diagnosing cattle tuberculosis. (Rus) IUdin, G A *Moscow Vses Inst Eksp Vet Tr* 40: 328-334. 1972

085455 41.9 R923
Effectiveness of administering certain antibiotics in cases of fowl cholera in chickens & turkeys. (Rus) Ezhov, V I *Moscow Vses Inst Eksp Vet Tr* 40: 335-347. 1972

085456 41.9 R923
Administering ditetracycline in cases of salmonellosis, pneumonia & enteritis of young swine. (Rus) Parfenov, I S *Moscow Vses Inst Eksp Vet Tr* 40: 348-359. 1972

085457 41.9 R923
Bacterial picture of healthy poultry & those infected with Mycoplasma disease. (Rus) Grosheva, G A *Moscow Vses Inst Eksp Vet Tr* 40: 360-365. 1972

085458 41.9 R923
Some data on structure & properties of O-antigens of Pasteurella multocida. [Veterinary medicine]. (Rus) Petrov, O V *Moscow Vses Inst Eksp Vet Tr* 40: 366-371. 1972

085459 41.9 R923
Study of immunogenesis in relation to Vibrio disease in cattle. (Rus) Poliakova, O A *Moscow Vses Inst Eksp Vet Tr* 40: 372-379. 1972

085460 41.9 R923
Spread of cattle leukosis according to data of histological diagnosis. (Rus) Kudriavtseva, T P *Moscow Vses Inst Eksp Vet Tr* 40: 380-393. 1972

085461 41.9 R923
Some results of studying virus diseases of livestock. (Rus) Kruikov, N N *Moscow Vses Inst Eksp Vet Tr* 40: 39-52. 1972

085462 41.9 R923
Biochemistry of leukoses of livestock. (Rus) Koromyslov, G F *Moscow Vses Inst Eksp Vet Tr* 40: 394-405. 1972

085463 41.9 R923
Biochemical features of pathogenesis & immunogenesis of most important infectious & blood-parasite diseases of livestock. (Rus) Klimov, N M *Moscow Vses Inst Eksp Vet Tr* 40: 53-65. 1972

085464 41.9 R923
Achievements in research on immunoglobulins & immunocytes at molecular level. [Veterinary medicine]. (Rus) Gutkin, V S *Moscow Vses Inst Eksp Vet Tr* 40: 98-114. Ref. 1972

085465 100 N813B
Shipping fever prophylaxis: shipping fever incidence & weight gain following two approaches to vaccination. [Influenza]. Schipper, I A *N Dak Farm Res* 30 (5): 6-7. Ref. May/June 1973

085466 389.8 N142
Composition & properties of cow's milk fat in case of subclinical mastitis. (Ger) Ingr, I *Nahrung* 17 (2): 215-223. Ref. Eng. Sum. 1973

085467 389.8 N142
On effect of subclinical mastitis on certain nutritive, technological & hygienic properties of cow's milk. (Ger) Ingr, I *Nahrung* 17 (2): 225-232. Ref. Eng. Sum. 1973

085468 500 N21P
Prophylaxis & immunization in mice by use of virus-free defective T particles to protect against intracerebral infection by vesicular stomatitis virus. Doyle, M *Nat Acad Sci Proc* 70 (7): 2105-2108. Ref. July 1973

085469 SF601.N4
Corynebacterium suis in swine. II. Narucka, U *Neth J Vet Sci* 2 (5): 116-121. Ref. May 1973

085470 SF601.N4
Torticollis & disease of respiratory tract, caused by Aspergillus fumightus in fowl. Veen, P J *Neth J Vet Sci* 2 (5): 132-133. May 1973

085471 41.8 N813
Lymphadenitis in Danish cattle caused by a Corynebacterium. Riising, H J *Nord Vet Med* 25 (3): 131-138. Ref. Mar 1973

085472 41.8 N813
Porcine congenital infection due to Mycobacterium tuberculosis typus avium; report of a case. Bille, N *Nord Vet Med* 25 (3): 139-143. Mar 1973

085473 41.8 N922
A contribution to study of avian encephalomyelitis: immunofluorescence, histopathology & ultrastructure. (Ita) Asdrubali, G *Nuova Vet* 48 (6): 360-374. Ref. Eng. Sum. Nov/Dec 1972

085474 41.8 N922
Proxazole, an anti-inflammatory antispastic drug, in the treatment of colibacillary enteritis in swine. (Ita) Signorini, G C *Nuova Vet* 48 (6): 375-377. Eng. Sum. Nov/Dec 1972

085475 41.8 P76
Changes of some properties of attenuated Newcastle disease virus strains due to their serial passages in presence of normal chicken serum. (Pol) Larski, Z *Pol Arch Weter* 15 (3): 417-422. Eng. Sum. 1972

085476 41.8 P76
Immunogenic properties of Newcastle disease virus strains obtained after serial passages of early yield of virus in chick embryos. (Pol) Larski, Z *Pol Arch Weter* 15 (3): 423-430. Ref. Eng. Sum. 1972

085477 41.8 P76
Occurrence of antibodies in bovine mastitis & after intracutaneous & subcutaneous injections of polyvalent autovaccine. II. Antibodies in milk. (Pol) Kurek, C *Pol Arch Weter* 15 (3): 445-462. Ref. Eng. Sum. 1972

085478 41.8 P76
Comparative investigations on Listeria & Erysipelothrix. II. Analysis of whole antigens. (Pol) Pleszczynska, E *Pol Arch Weter* 15 (3): 463-471. Eng. Sum. 1972

085479 41.8 P76
Comparative invesitgation on Listeria & Erysipelothrix. II. Analysis of antigenic fractions. [Rabbits]. (Pol) Pleszczynska, E *Pol Arch Weter* 15 (3): 473-481. Ref. Eng. Sum. 1972

085480 41.8 P76
Investigations on standardization of antiglobulin (Coombs) test applied in serodiagnosis of cattle brucellosis. II. Appreciation of value of antiglobulin sera from rabbits immunized with different antigens. (Pol) Drozdzynska, M *Pol Arch Weter* 15 (3): 483-493. Eng. Sum. 1972

085481 41.8 P76
Influence of neutralizing (SN) & hemagglutination inhibiting (HI) antibodies on course of Newcastle disease infection in chickens. (Pol) Borzemska, W B *Pol Arch Weter* 15 (3): 495-512. Ref. Eng. Sum. 1972

085482 41.8 P76
Pathogenic properties, occurrence of capsular antigens, biochemical characteristics & susceptibility to colicines in Escherichia coli strains of group O149. [Pigs]. (Pol) Ciosek, D *Pol Arch Weter* 15 (3): 513-526. Ref. Eng. Sum. 1972

085483 41.8 P76
Investigations on peripheral action of Delysid, Tofranil & Psychedrine. [imipramine (hydrochloride), eysergide, amphetamine, veterinary medicine]. (Pol) Teuchmann, J K *Pol Arch Weter* 15 (3): 527-537. Ref. Eng. Sum. 1972

085484 41.8 P76
Selective medium for Clostridium perfringens. II. Sodium azide, crystal violet, selective medium for primary isolation of Clostridium perfringens. [Sheep]. (Pol) Szynkiewicz, Z M *Pol Arch Weter* 16 (1): 133-147. 1973

085485 41.8 P76
Problem of insoluble antigens for identification of Clostridium botulinum. III. Chemical studies of polysaccharides. (Pol) Cygan, Z *Pol Arch Weter* 16 (1): 65-83. Eng. Sum. 1973

085486 SF481.P64
Protect chicks against infectious diseases. Supekar, P G *Poult Guide* 10 (3): 30-33. Mar 1973

085487 41.8 AL5
Germicidal activity of Weladol. [Disinfectants, canine viruses]. Emery, J B *Pract Vet* 44 (5): 22-25. Dec 1972/jan 1973

085488 41.8 AL5
Telmin – a new equine anthelmintic. [Mebendazole]. Ostmann, O W *Pract Vet* 45 (2): 23-25. Ref. Spring/Sudmmer 1973

085489 281.9 B87
Respiratory diseases of young cattle. (Fre) Meissonnier, E *Prod Agr Fr* 49 (128): 21-23. Apr 2, 1973

085490 41.8 R24
Resistance to antibacterial agents of Escherichia coli in intestinal flora of pultry receiving or not nutritive doses of antibiotics in their feed. III. Farm & ortho (Fre) Renault, L *Rec Med Vet* 149 (5): 637-651. Ref. Eng. Sum. May 1973

085491 41.8 R24
Immunoprophylaxis of colobacillic septicemia of calf by vaccination of pregnant cow. (Fre) Dobrescu, L *Rec Med Vet* 149 (5): 653-666. Ref. Eng. Sum. May 1973

085492 24 SO863
Larval anthelmintic test in ruminants. Reinecke, R K *Repub S Afr Dep Agr Tech Serv Tech Commun* 106, 20 P. Ref. Mar 1973

085493 448.8 R32
Type indentification of Brucella isolated from humans & animals in Latin America. (Spa) Garcia Carrillo, C *Rev Latinoamer Microbiol* 14 (3): 117-125. Map. Ref. Eng. Sum. July/Sept 1972

085494 448.8 R32
Transferable drug-resistance among Escherichia coli isolated from horses & horse-meat handlers. Michanie, S *Rev Latinoamer Microbiol* 14 (3): 137-140. Ref. July/Sept 1972

085495 448.8 R326
Pathology of veterinarians occasioned by genital tropism infections of livestock during gestation. (Fre) Ducroiset, B *Rev Pathol Comp Med Exp* 10 (1): 7-17. Ref. Jan/Feb 1973

085496 448.8 R326
Brucellosis in the 'Heights of Gironde': Results of the bovine prophylaxis in 1971, epidemiological situation in 1971. (Fre) Claveleau, P *Rev Pathol Comp Med Exp* 9 (6): 309-314. Nov/Dec 1972

085497 S544.3.N4S5
New program aimed to reduce swamp fever infection. [Horses]. Haynes, N B *Schoharie Cty Coop Ext News* 58 (8): 15. June 1973

085498 41.8 SCH9
On Haemophilus [parahaemolyticus] pleuropneumonia in swine. V. Pathomorphology. (Ger) Hani, H *Schweiz Arch Tierheilk* 115 (5): 191-203. Ref. Eng. Sum. May 1973

085499 41.8 SCH9
On Haemophilus [parahaemolyticus] pleuropneumonia in swine. VI. Pathogenesis. (Ger) Hani, H *Schweiz Arch Tierheilk* 115 (5): 205-212. Ref. Eng. Sum. May 1973

085500 41.8 SCH9
On vaccination of domestic animals against rabies. I. Vaccination of dogs & cats. (Ger) Kilchsperger, G *Schweiz Arch Tierheilk* 115 (5): 221-227. Ref. Eng. Sum. May 1973

085501 41.8 SCH9
Vaccination of domestic animals against rabies. II. Cattle vaccination. (Ger) Kilchsperger, G *Schweiz Arch Tierheilk* 115 (6): 257-262. Ref. Eng. Sum. June 1973

085502 S13.S55
Preparation of bivalent antisera for immunoglobulins of cattle & sheep. (Rus) Chekishev, V M *Sib Vestn S-kh Nauk* 2: 72-74. Mar/Apr 1973

085503 442.9 SO1
Spontaneous regression of leukemia in chickens infected with avian myeloblastosis virus. Silva, R F *Soc Exp Biol Med Proc* 143 (3): 604-611. Ref. July 1973

085504 41.8 SO82
Systemic salmonellosis in foals. Romane, W M *Southwest Vet* 26 (2): 113-118. Winter 1973

085505 41.8 SO82
Allergic flea dermatitis. [Dogs]. Quick, C B *Southwest Vet* 26 (2): 119-122. Winter 1973

085506 41.8 SO82
Feline dermatomycosis: A review & case study. Sundbeck, D M *Southwest Vet* 26 (2): 123-128. Ref. Winter 1973

085507 41.8 SO82
Some canine helminths of public health significance. Thornton, J E *Southwest Vet* 26 (2): 129-132. Winter 1973

085508 SF601.S8
Bovine salmonellosis in England & Wales: Its control & prevention. Wray, C *State Vet J* 27 (81): 169-179. Ref. Sept 1972

085509 SF601.S8
Vaccination against bovine salmonellosis. Davies, E T *State Vet J* 27 (81): 180-183. Sept 1972

085510 SF601.S8
Eradication of brucellosis from a show herd. [Cows]. MacGregor, P *State Vet J* 27 (81): 194-196. Sept 1972

085511 SF601.S8
Bovine tuberculosis in wild badgers in south Gloucestershire. Muirhead, R H *State Vet J* 27 (81): 197-205. Sept 1972

085512 SF601.S8
Ecological control of Lymnaea truncatula & its significance in epidemiology of fascioliasis. II. Baldry, A F *State Vet J* 27 (81): 220-228. Sept 1972

085513 SF601.S8
Aspects of some zoonoses important to United Kingdom. [Bovine tuberculosis, parasitic diseases]. Blamire, R V *State Vet J* 28 (82): 17-23. Jan 1973

085514 SF601.S8
Two cases of avian tuberculosis in sheep. Bremner, A S *State Vet J* 28 (82): 59-61. Ref. Jan 1973

085515 46.8 SU3
Use of kanamycin for treatment of necrotic enteritis in swine. (Ita) Tarocco, C *Suinicoltura* 14 (2): 47-48. Feb 1973

085516 41.8 F49
Mastitis prevention. [Staphylococcus, Streptococcus]. (Fin) Koiranen, L *Suomen Elainlaakarilehti* 79 (5): 303-304, 309-319 ref. Eng. Sum. May 1973

085517 HD1975.A6T4
Ornithosis of pigeons & its transmission to other animals & man. (Ita) Ballarini, G *Terra Pugliese* 22 (2/3): 63-66. Feb/Mar 1973

085518 41.8 T445
Serological diagnosis of parainfluenza-2, parainfluenza-3, mucosal disease, adeno virus & Chlamflida infections as well as infectious rhinotracheitis of cattle. (Ger) Woernle, H *Tierarztl Umsch* 28 (7): 319-326. Ref. July 1, 1973

085519 41.8 T445
Occurrence of pulmonary adenomatosis of sheep in Bavaria. (Ger) Geisel, O *Tierarztl Umsch* 28 (7): 334-336, 338. Ref. July 1, 1973

085520 41.8 T445
Casuistics of mucosal disease. [Cattle]. (Ger) Peterhansel, L *Tierarztl Umsch* 28 (7): 338-340. Ref. July 1, 1973

085521 41.8 T445
Antitoxic effect of emulgated alph tocopherol acetate. (Ger) Weigelet, O *Tierarztl Umsch* 28 (7): 348-352. Ref. July 1, 1973

085522 41.8 T445
Study concerning application & anthelmintic effect of Atgard C under practice conditions. (Ger) Dingeldein, W *Tierarztl Umsch* 28 (7): 353-355. July 1, 1973

085523 41.8 T431
Benzimidazole-derivatives. [Anthelmintics]. (Dut) *Tijdschr Diergeneesk* 98 (10): 495-503. Eng. Sum. May 15, 1973

085524 41.8 T431
A veterinary approach to relationship between diet & milk fever on farms. (Dut) Haalstra, R T *Tijdschr Diergeneesk* 98 (11): 529-537. Ref. Eng. Sum. June 1, 1973

085525 SF601.T7
Transmission of Theileria hirci in sheep by hyalomma anatolicum anatolicum. [Iraq]. Hooshmand-Rad, P *Trop Anim Health & Prod* 5 (2): 103-109. Ref. May 1973

085526 SF601.T7
Giant cell pneumonia in buffalo calves (Bubalus bubalis). Arora, R G *Trop Anim Health & Prod* 5 (2): 110-113. May 1973

085527 SF601.T7
Contagious caprine pleuropneumonia: a reassessment of disease situation in Nigeria. Goni, M *Trop Anim Health & Prod* 5 (2): 114-118. Ref. May 1973

085528 SF601.T7
Fascioliasis in cattle in Malawi: therapy with nitroxynil. [Fasciola gigantica]. Ellwood, D C *Trop Anim Health & Prod* 5 (2): 124-127. May 1973

085529 SF601.T7
A case of leucosis bovis in Lebanon. Sluijs, C B van der *Trop Anim Health & Prod* 5 (2): 133-134. May 1973

085530 SF601.T7
A comparison of methods for diagnosis of trypanosomiasis in East African domestic ruminants. [Kenya]. Zwart, D *Trop Anim Health & Prod* 5 (2): 79-86. Ref. May 1973

085531 SF601.T7
Malignant theileriosis of sheep & goats. [Iraq]. Hooshmand-Rad, P *Trop Anim Health & Prod* 5 (2): 97-102. Ref. May 1973

085532 41.8 V6456
Optimum time of vaccination in dog. Tribe, G W *Vet Annu* 13Th: 174-176. 1972 (Pub. 1973)

085533 41.8 V6456
Helminthology; parasitic deseases of cattle. Gibson, T E *Vet Annu* 13Th: 267-275. Ref. 1972 (Pub. 1973)

085534 41.8 V6456
Teat necrosis in neonatal piglets. Penny, R H C *Vet Annu* 13Th: 78-82. Ref. 1972(Pub. 1973)

085535 SF601.V523
Infections of upper respiratory tract. [Horses]. Johnson, J H *Vet Clin North Am* 3 (2): 255-271. Ref. 1973

085536 41.8 J93
Effect of treatment of sows with thiabendazole on weight of their piglets during weaning. [Oesophagostomum]. (Cro) Cvetkovic, L *Vet Glas* 26 (11): 835-840. Ref. Eng. Sum. 1972

085537 41.8 J93
Moderate epizooty of Aujeszky's disease in dog in eastern Croatia. (Cro) Zaharija, I *Vet Glas* 26 (11): 849-854. Ref. Eng. Sum. 1972

085538 41.8 J93
Finding of Pasteurella pseudotuberculosis in pheasant with regard to diseases in game. (Cro) Kolumbic, T *Vet Glas* 26 (11): 855-857. Ref. Eng. Sum. 1972

085539 41.8 J93
Results of work on prevention of anthrax in animals in Skopje area in period 1942 1971. (Cro) Cundev, D *Vet Glas* 26 (12): 907-912. Ref. 1972

085540 41.8 J93
Eradication of leptospirosis. [Livestock]. (Cro) Popovic, B P *Vet Glas* 26 (12): 919-921. 1972

085541 41.8 J93
Marking of dogs vaccinated against rabies as evidence for prevention of desease. (Cro) Marinkovic, D *Vet Glas* 26 (12): 923-926. 1972

085542 41.8 J93
Meningoencephalitis eosinophilica (ascaridica?) suis. [Piglets]. (Cro) Sadaric, F *Vet Glas* 27 (1): 17-22 ref. Eng. Sum. 1973

085543 41.8 J93
Preliminary report on bovine mastitis in Iraq. (Cro) Al-Falluji, M *Vet Glas* 27 (1): 43-47. Ref. 1973

085544 41.8 J93
Antibiotic tylan in feed of swine & prevention of dysentery. (Cro) Banovancin, B *Vet Glas* 27 (2): 103-106. Eng. Sum. 1973

085545 41.8 J93
Tuberculosis in swine – problem which deserves more attention. (Cro) Radosavljevic, D *Vet Glas* 27 (2): 107-111. Ref. Eng. Sum. 1973

085546 41.8 J93
Contribution to knowledge of spread of coccidiae in swine in vicinity of Pristina. (Cro) Lazic, R *Vet Glas* 27 (2): 113-118. Eng. Sum. 1973

085547 41.8 J93
On spread of necrotic hepatitis in sheep within some regions of Serbia. (Cro) Katic, R *Vet Glas* 27 (2): 79-86. Eng. Sum. 1973

085548 41.8 J93
Contribution to investigations of possibility of obtainance of postvaccinal (Kilapin) immunity against hog cholera in weaned piglets aged 36-66 days originating from immune sows. (Cro) Popovic, M *Vet Glas* 27 (2): 93-101. Eng. Sum. 1973

085549 41.8 J93
On respiratory affection in young cattle during terminal phase of fattening in cooperative production. (Cro) Krotic, O *Vet Glas* 27 (3): 175-178. Eng. Sum. 1973

085550 41.8 J93
An experience in treatment of diarrhea in new born calves. (Cro) Spis, L *Vet Glas* 27 (3): 179-183. Ref. Eng. Sum. 1973

085551 41.8 J93
Cysticercosis in cattle & swine slaughtered at slaughter house in Titograd from April 1960 to December 1970. (Cro) Kazic, D M *Vet Glas* 27 (3): 185-190. Ref. Eng. Sum. 1973

085552 41.8 J93
Contribution to spread of flagellates in swine in vicinity of Pristina. [Trichomonas, Tricercomonas, Chilomastix]. (Cro) Lazic, R *Vet Glas* 27 (3): 191-195. Eng. Sum. 1973

085553 41.8 J93
Tuberculosis in minks (Mustela lutreola vison Schreb.). (Cro) Karlovic, M *Vet Glas* 27 (3): 197-200. Ref. Eng. Sum. 1973

085554 41.8 J93
Results of work on prevention of blackleg within area of Skopje from 1945 – 1971. (Cro) Cundev, D *Vet Glas* 27 (3): 201-205. 1973

085555 41.9 C333
Institute of czechoslovak academy of sciences, prague, czechoslovakia. [Fascioloides magna, cattle]. (Cze) Blazek, K *Vet Med (prague)* 18 (1): 25-28. Ref. Leng. Sum. Jan 1973

085556 41.9 C333
Study of effect of Oksid & Radeverm on lambs naturally invaded by tapeworms of Moniezia spp. (Cze) Hovorka, J *Vet Med (prague)* 18 (1): 29-34. Ref. Eng. Sum. Jan 1973

085557 41.9 C333
Use of bis-(2-hydroxy-3,5-dichlorpheny1)-suphoxid hexachlorphen combination in control of fascioliasis of cattle. [Fasciola hepatica, liver fluke]. (Aze) Vyhnalek, J *Vet Med (prague)* 18 (1): 35-40. Ref. Eng. Sum. Jan 1973

085558 41.9 C333
Hematological values in experimental infection by Haemonchus contortus & Trichostrongylus colubriformis in lambs, & changes obtained after Nilverm treatment. (ICI). (Cze) Zajicek, D *Vet Med (prague)* 18 (1): 41-52. Ref. Eng. Sum. Jan 1973

085559 41.9 C333
Influence of composition of cultivation medium on speed of growth of Mycoplasma gallisepticum, S6. (Cze) Cernik, K *Vet Med (prague)* 18 (2): 117-125. Ref. Eng. Sum. Feb 1973

085560 41.9 C333
Evaluation of hygienic parameters & results of rearing of pullets on deep litter & in cages. (Cze) Hojovec, J *Vet Med (prague)* 18 (2): 65-73. Ref. Eng. Sum. Feb 1973

085561 41.8 M69
A case of guttural pouch mycosis caused by Aspergillus nidulans. [Horses]. Johnson, J H *Vet Med/small Anim Clin* 68 (7): 771-774. Ref. July 1973

085562 41.8 M69
A practitioner's experiences with adenoviral infection in Arabian foals. Sherrod, W W *Vet Med/small Anim Clin* 68 (7): 793-795. July 1973

085563 41.8 P27
Experimental peracute colibacillosis. Meyer, R C *Vet Pathol* 9 (5): 360-367. Ref. 1972

085564 41.8 P27
Pneumonia associated with inhaled plant material in swine. Corner, A H *Vet Pathol* 9 (5): 384-391. Ref. 1972

085565 41.8 V641
Isolation & transmission of virus of infectious bovine rhinotracheitis/infectious pustular vulvo-vaginitis. Deas, D W *Vet Rec* 92 (24): 636-639. Ref. June 16, 1973

085566 41.8 V641
Studies on pathology of blindness on experimental salmonellosis in chicks. Dwivedi, P *Vet Rec* 92 (24): 644-646. June 16, 1973

085567 41.8 V641
Porcine ulcerative spirochaetosis. Harcourt, R A *Vet Rec* 92 (24): 647-648. June 16, 1973

085568 41.8 V641
Intestinal defence in young pig: a review of secretory antibody systems & their possible role in oral immunisation. Porter, P *Vet Rec* 92 (25): 658-664. Ref. 1973

085569 41.8 V641
Efficacy of levamisole in-feed wormer against roundworms of shhep & cattle. Turton, J A *Vet Rec* 92 (25): 665-667. 1973

085570 41.8 V641
Autumn treatment with morantel/diethylcarbamazine in yarded cattle. [Cooperia, Ostertagia, & Trichostrongylus]. Cornwell, R L *Vet Rec* 92 (25): 668-671. Ref. 1973

085571 41.8 V641
Studies on cell adherence reaction with Dictyocaulus filaria larvae. [Laboratory animals, lambs]. Tewari, H C *Vet Rec* 92 (26): 700-701. June 30, 1973

085572 41.8 V641
Diarrhoea in horse associated with stress & tetracycline therapy. Cook, W R *Vet Rec* 93 (1): 15-179 ref. July 7, 1973

085573 41.8 V6494
Microbiogenotic function of saprophytic microflora in prophylaxis of some infective enteritis of piglets. (Cro) Rukavina, L *Veterinaria (Sarajevo)* 21 (3): 393-400. Ref. Eng. Sum. 1972

085574 41.8 V6494
Pulmonary sheep adenomatosis (SPA) in Montenegro. V. Identification of pulmonary sheep adenomatosis agent antigens by fluorescent antibodies in infected human fibroblast cells. (Cro) Nevjestic, A *Veterinaria (Sarajevo)* 21 (4): 471-475. Ref. Eng. Sum. 1972

085575 41.8 V6494
Isolation of sheep pulmonary adenomatosis (SPA) virus. (Cro) Cvjetanovic, V *Veterinaria (Sarajevo)* 21 (4): 493-496. Eng. Sum. 1972

085576 41.8 V6494
Morphological & physiological properties of anaerobic asporogenic bacteria isolated from alimentary tract of sheep affected with infective limping. (Cro) Markovic, M *Veterinaria (Sarajevo)* 21 (4): 555-562. Eng. Sum. 1972

085577 41.8 V6439
Pseudotuberculosis of game & other animal species. [Yersinia]. (Cze) Matousek, Z *Veterinarstvi* 23 (2): 86-87. 1973

085578 448.8 V81
Role of sensitizing antibody in neutralization of equine arteritis virus by complement or anti-LgG serum. Radwan, A I *Virology* 53 (2): 366-371. Ref. June 1973

085579 448.8 V81
Fate of sensitized equine arteritis virus following neutralization by complement or anti-LgG serum. Radwan, A I *Virology* 53 (2): 372-378. Ref. June 1973

085580 448.8 V81
Rescue of chemically inactivated Rous sarcoma virus transforming activity by avian leukosis virus. Hung, P P *Virology* 53 (2): 463-467. June 1973

085581 448.8 V81
Analysis on reproducing & cell-transforming capacities of a temperature sensitive mutant (ts 334) of anian sarcoma virus B77 . [Quail, chick embryos]. Owada, M *Virology* 54 (1): 170-178. Ref. July 1973

085582 448.8 V81
Effect of 2-deoxy-D-glucose on multiplication of Semliki Forest virus & reversal of block by mannose. [Chick embryos]. Kaluza, G *Virology* 54 (1): 179-180. Ref. July 1973

085583 448.8 V81
RNA species obtained from clonal lines of avian sarcoma & from avian leukosis virus. [Chick embryos]. Duesberg, P H *Virology* 54 (1): 207-219. Ref. July 1973

085584 448.8 V81
Complementation of transforming functions by temperature-sensitive mutants of avian sarcoma virus. [Chicks]. Wyke, J A *Virology* 54 (1): 28-36. Ref. July 1973

085585 448.8 V81
Aspects of developmental morphology of California encephalitis virus in cultured vertebrate & arthropod cells & in mouse brain. [Aedes albopictus]. Lyons, M J *Virology* 54 (1): 37-52. Ref. July 1973

085586 20 AK1
Transfer of immunity to offspring of sheep immunized against infectious enterotoxemia & malignant edema. (Rus) Kovalenko, IA R *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 5: 27-28. May 1973

085587 20 AK1
Characteristics of adenovirus infection in calves under experimental conditions. (Rus) Shpakova, A M *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 5: 32-34. May 1973

085588 20 AK1
Phagocytic activity of leukocytes in evaluating natural resistance in cows. [Diseases]. (Rus) Sysoev, A A *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 5: 34-35. May 1973

085589 20 AK1
Comparison of bactericidal effectiveness of ultraviolet rays on pathogenic microorganisms Bacterium necrophorum, Clostridium botulinum & Listeria monocytogenes. [Livestock, diseases]. (Rus) Tiutikov, F M *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 5: 36-37. May 1973

085590 41.8 T345
Report about an outbreak of contagious pustular dermatitis in sheep rapid diagnosis with help of electronmicroscope. (Ger) Gerstl, F *Wien Tierarztl Monatsschr* 60 (5): 170-173. Ref. Eng. Sum. May 1973

085591 41.8 T345
Examination of feces for detection of parasites. (Ger) Supperer, R *Wien Tierarztl Monatsschr* 60 (5): 178-181. Eng. Sum. May 1973

085592 47.8 W89
Diagnosis of Marek's disease & its control other than by vaccination. [Chickens]. Biggs, P M *Worlds Poultry Sci J* 29 (3): 227-237. Ref. July/Sept 1973

085593 47.8 W89
Control of Marek's Disease by vaccination [Chickens]. Purchase, H G *Worlds Poultry Sci J* 29 (3): 238-250. Ref. July/-Sept 1973

085594 448.8 Z37
Comparative studies on value of indirect fluorescent antibody test as an aid to diagnosis of bovine trypanosomiasis in Africa. (Ger) Wiesenhutter, E *Z Tropenmed Parasitol* 24 (1): 60-66. Map. Ref. Eng. Sum. Mar 1973

085595 448.8 Z37
Studies on homologous & heterologous antibody responses to infections with Anaplasma marginale & Anaplasma centrale using infirect fluorescent antibody & capilary tube agglutination test. [Cattle]. Lohr, K F *Z Tropenmed Parasitol* 24 (1): 86-95. Ref. Mar 1973

085596 448.8 Z37
Serological studies on Theileria gorgonis using indirect fluorescent antibody test. [Cattle, infections]. Burridge, M J *Z Tropenmed Parasitol* 24 (2): 186-191. Ref. June 1973

085597 448.8 Z37
Anthelmintic activity of levamisole against larval & adult stages of lamb lungworm (Dictyocaulus filaria). Turton, J A *Z Tropenmed Parasitol* 24 (2): 207-213. Ref. June 1973

085598 448.3 C33 (1)
Characterization of viraemia of rabbits infected with a neurotropic strain of vaccinia virus. (Ger) Benda, R *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig* 223 (4): 426-435. Ref. Eng. Sum. May 1973

085599 448.3 C33 (1)
Direct demonstration of phage microlysis in thin sections of colonies of Argentinian Mycobacterium bovis strains. Sula, L *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig* 223 (4): 520-532. May 1973

085600 41.8 Z72
Mycosis due to Aspergillus & lead poisoning in ducks. (Ita) Braca, G *Zooprofilassi* 27 (9/10): 337-351. Ref. Sept/Oct 1972

085601 41.8 Z72
Epizootic bovine fever. (Ita) Mani, P *Zooprofilassi* 27 (9/10): 418-432. Sept/Oct 1972

NON-INFECTIOUS DISEASES

085602 41.9 R24
Lipoidic nephrosis in dog. (Fre) Groulade, J *Acad Vet France Bull* 46 (1): 33-36. Jan 1973

085603 41.8 AC87
Effects of peptide-precipitating lignosulphonic acids on proteolytic activity of pepsin in vitro & on response of pigs to an ulcer inducing diet. Naess, B *Acta Vet Scand* 14 (1): 44-56. Ref. 1973

085604 QP901.A33
Influence of lyumphatic system on development of a virus-induced tumor (reticuloendotheliosis) in chicken. Linna, T J *Adv Exp Med Biol* 29: 507-512. 1973

085605 41.9 AM36
Congenital heart disease in dog. Patterson, D F *Amer Anim Hosp Ass Proc* 40Th: 103-116. Ref. 1973

085606 41.9 AM36
Acquired heart disease in cat. Harpster, N K *Amer Anim Hosp Ass Proc* 40Th: 118-125. 1973

085607 41.9 AM36
Feline cystitis, urethritis, urethral obstruction syndrome. Osborne, C A *Amer Anim Hosp Ass Proc* 40Th: 176-191. Ref. 1973

085608 41.9 AM36
Diagnosis of chronic diarrheal disorders. [Dogs]. Lorenz, M D *Amer Anim Hosp Ass Proc* 40Th: 225-233. 1973

085609 41.9 AM36
Current concepts in treatment of hepatic failure. [Dogs]. Hardy, R M *Amer Anim Hosp Ass Proc* 40Th: 238-252. 1973

085610 41.9 AM36
Current cancer therapy in veterinary medicine. Hutchinson, B D *Amer Anim Hosp Ass Proc* 40Th: 254-257. 1973

085611 41.9 AM36
Cancer of head & neck. [Dogs]. Madewell, B R *Amer Anim Hosp Ass Proc* 40Th: 268-274. Ref. 1973

085612 41.9 AM36
Urolithiasis in dog. Bovee, K C *Amer Anim Hosp Ass Proc* 40Th: 286-288. 1973

085613 41.9 AM36
Diagnosis of respiratory disease in canine. Head, J *Amer Anim Hosp Ass Proc* 40Th: 332-343. 1973

085614 41.9 AM36
Clinical allergy. [Veterinary medicine]. Chamberlain, K W *Amer Anim Hosp Ass Proc* 40Th: 344-351. 1973

085615 41.9 AM36
Indications for myelography in evaluation of spinal cord lesions. Bailey, C S *Amer Anim Hosp Ass Proc* 40Th: 352-354. 1973

085616 41.9 AM36
Epilepsy. [Veterinary medicine]. Kay, W J *Amer Anim Hosp Ass Proc* 40Th: 402-410. 1973

085617 41.9 AM36
Cervical spinal cord. [Veterinary medicine]. Kay, W J *Amer Anim Hosp Ass Proc* 40Th: 412-416. 1973

085618 41.9 AM36
Diseases of retina & choroid. [Dogs, cats]. Bistner, S I *Amer Anim Hosp Ass Proc* 40Th: 420-428. 1973

085619 41.9 AM36
Ocular therapeutics. [Dogs, cats]. Severin, G A *Amer Anim Hosp Ass Proc* 40Th: 429-446. 1973

085620 41.9 AM36
Neurophthalmology. [Dogs]. Bistner, S *Amer Anim Hosp Ass Proc* 40Th: 447-455. Ref. 1973

085621 41.9 AM36
Palpation for detection of dysplasia & wedge technique for pelvic radiography. [Dogs]. Bardens, J W *Amer Anim Hosp Ass Proc* 40Th: 463-466. 1973

085622 41.9 AM36
Orthopedics. Iv. 1. [Dogs]. Hohn, R B *Amer Anim Hosp Ass Proc* 40Th: 467-489. Ref. 1973

085623 41.9 AM36
Orthopedics. Iv. 2. [Dogs]. Brinker, W O *Amer Anim Hosp Ass Proc* 40Th: 490-495. 1973

085624 41.9 AM36
Orthopedics. Iv. 3. [Dogs]. Hohn, R B *Amer Anim Hosp Ass Proc* 40Th: 497-504. Ref. 1973

085625 41.9 AM36
Newer knowledge of solid tumors & leukemias of dog & cat. Hardy, W D *Amer Anim Hosp Ass Proc* 40Th: 632-644. 1973

085626 41.9 AM36
Canine pediatrics. Mosier, J E *Amer Anim Hosp Ass Proc* 40Th: 648-652. 1973

085627 41.9 AM36
Perianal gland tumors of dog. Wilson, G P *Amer Anim Hosp Ass Proc* 40Th: 690. 1973

085628 41.9 AM36
Oral & pharyngeal neoplasia. [Dogs]. Piermattei, D L *Amer Anim Hosp Ass Proc* 40Th: 729-732. 1973

085629 41.9 AM36
Salivary cysts (mucoceles). [Dogs, cats]. Piermattei, D L *Amer Anim Hosp Ass Proc* 40Th: 735-739. Ref. 1973

085630 41.9 AM36
Diagnosis & treatment of common heart diseases. [Dogs]. Harris, S G *Amer Anim Hosp Ass Proc* 40Th: 76-87. 1973

085631 41.9 AM36
Neoplasms of skin. [Dogs, cats]. Brasmer, T H *Amer Anim Hosp Ass Proc* 40Th: 761-762. 1973

085632 41.8 AM3A
Bovine congenital defects: arthrogryposis & associated defects in calves. Greene, H J *Amer J Vet Res* 34 (7): 887-891. Ref. July 1973

085633 41.8 AM3A
Acute pancreatitis with coexistent diabetes mellitus: an experimental study in dog. Greve, T *Amer J Vet Res* 34 (7): 939-945. Ref. July 1973

085634 41.8 AM3
Metastatic liposarcoma in a dog. Bozarth, A J *Amer Vet Med Assoc J* 162 (12): 1043-1044. June 15, 1973

085635 41.8 AM3
Degenerative myelopathy in aging German Shepherd dog: Clinical & pathologic findings. Averill, D R *Amer Vet Med Assoc J* 162 (12): 1045-1051. Ref. June 15, 1973

085636 41.8 AM3
Narcolepsy in a dog & a cat. Knecht, C D *Amer Vet Med Assoc J* 162 (12): 1052-1053. June 15, 1973

085637 41.8 AM3
Comparative biomechanical evaluation of bone healing in dog. Braden, T D *Amer Vet Med Assoc J* 163 (1): 65-69. Ref. July 1, 1973

085638 41.8 AM3
Cervical vertebral instability in dog. Parker, A J *Amer Vet Med Assoc J* 163 (1): 71-74. Ref. July 1, 1973

085639 41.8 AM3
Cervical disk prolase in a Doberman Pinscher. [Dogs]. Parker, A J *Amer Vet Med Assoc J* 163 (1): 75-76. July 1, 1973

085640 49 AN55
A population study of apparent embryonic mortality in cattle, with special reference to genetic factors. Wijeratne, W V S *Anim Prod* 16 (3): 251-259. Ref. June 1973

085641 41.9 AN4D
Mammary fibrocystic disease, malignant mixed tumor & comedocarcinoma arising in a bitch. (Tur) Baran, S *Ankara Univ Vet Fak Dergisi* 19 (4): 419-426. Eng. Sum. 1972

085642 41.9 AN4D
A case of bursitis praecarpalis in a bull. (Tur) Samsar, E *Ankara Univ Vet Fak Dergisi* 19 (4): 498-501. Eng. Sum. 1972

085643 41.9 AN4D
Primary mammary tumors of cats & dogs examined between years 1968 & 1972 in Ankara. (Tur) Kokuuslu, C *Ankara Univ Vet Fak Dergisi* 19 (4): 502-516. Ref. Eng. Sum. 1972

085644 41.8 EX7
Managanese deficiency in ruminants. 2. Influence of manganese supply on reproductive performance & ejaculate composition. (Ger) Groppel, B *Arch Exp Veterinarmed* 27 (2): 383-386. Ref. Eng. Sum. Apr 1973

085645 100 AR42F
Preventing milk fever in dairy cattle. Daniels, L B *Ark Farm Res* 22 (3): 8. May/June 1973

085646 41.8 AU1
Luxation of canine lens. Albert, R A *Auburn Vet* 29 (3): 99-103, 128. Spring 1973

085647 41.8 AU72
Nasal granuloma in dairy cattle : Distribution in Victoria. Hore, D E *Aust Vet J* 49 (7): 330-334. Map. July 1973

085648 41.8 AV5
Microimmunodiffusion test for hemorrhagic enteritis of turkeys. Domermuth, C H *Avian Dis* 17 (2): 439-444. Apr/June 1973

085649 47.8 R523
A plan to control chronic respiratory disease. [Chickens]. (Ita) Zanetti, R *Avicoltura* 42 (5): 41-45. May 1973

085650 41.9 AZ1
Experimental heterotransplantation of CFW strain mouse mammary tumor into cheek pouch of newborn hamster. [Veterinary pathology]. (Jap) Tsuchiya, T *Azabu Vet Coll Bull* 24: 1-15. Ref. Eng. Sum. May 1972

085651 41.9 AZ1
Gastric cancer (scirrhous adenocarcinoma) with adrenocortical adenoma in a dog. Nomura, Y *Azabu Vet Coll Bull* 24: 17-25. Ref. May 1972

085652 41.9 AZ1
A study on diabetes insipidus in dogs caused by pituitary abnormality. I. Clinical diagnosis. (Jap) Yasuda, S *Azabu Vet Coll Bull* 24: 77-84. Ref. Eng. Sum. May 1972

085653 41.8 B45
Disseminated intravasal coagulation in acute experimental rumen acidosis in sheep. (Ger) Hartig, F *Berliner Munchener Tierarztl Wochenschr* 86 (13): 244-245. Ref. Eng. Sum. July 1, 1973

085654 41.8 V643
A report of scrapie in sheep in Kenya. Cooper, J E *Brit Vet J* 129 (2): Xiii-xvi. Mar/Apr 1973

085655 41.8 V643
Reproductive disorders in pigs. I. Diagnosis. Wrathall, A E *Brit Vet J* 129 (2): 106-115. Ref. Mar/Apr 1973

085656 41.8 V643
Ultrastructure of sheep osteosarcoma. Perk, K *Brit Vet J* 129 (2): 124-126. Ref. Mar/Apr 1973

085657 41.8 V643
Onset of fever in a pig. Ingram, D L *Brit Vet J* 129 (3): Xxxii-xxxiii. May/June 1973

085658 41.8 V643
Mineral nutrition & production disease in dairy cows. Sansom, B F *Brit Vet J* 129 (3): 207-220. Ref. May/June 1973

085659 14 P215BC
Essential bovine hematuria & environmental conditions. (Fre) Andre, J P *C R Seances Acad Agric Fr* 58 (17): 1435-1449. Ref. 1972

085660 41.8 C12
Chronic nephritis in dog. Schalm, O W *Calif Vet* 27 (6): 14, 16. June 1973

085661 41.8 C162
Electrocardiography for diagnosis & control of efficacy of oral quinidine sulfate in a case of atrial fibrillation in a Holstein cow. Dussault, J P *Can J Comp Med* 37 (2): 147-151. Ref. Apr 1973

085662 41.8 R3224
Lymphosarcoma in horse: A review. Neufeld, J L *Can Vet J* 14 (6): 129-135. Ref. June 1973

085663 41.8 R3224
Spontaneous aortic rupture in turkeys & vascularization of aortic wall. Neumann, F *Can Vet J* 14 (6): 136-138. Ref. June 1973

085664 41.8 R3224
An unusual case of lymphosarcoma in a pig. Stevenson, R G *Can Vet J* 14 (6): 139-141. June 1973

085665 41.9 D23
Embryonosis. Nomenclature & definitions for a 'new' group of diseases. (Dan) Bendtsen, H *Danske Dyrlaegefor Medlemsbl* 56 (10): 416-418. May 1973

085666 41.9 D23
Colon bacillus – colon serum. [Escherichia coli, immunity]. (Dan) Dam, A *Danske Dyrlaegefor Medlemsbl* 56 (10): 419-421. May 1973

085667 41.8 D482
Comparison of gynecological findings in cattle with macroscopical post mortem lesions. (Ger) Ebert, J *Deut Tierarztl Wochensch* 80 (11): 249-251. Eng. Sum. June 1, 1973

085668 41.8 D482
A rare form of aprosopia in a new-born calf. (Ger) Neurand, K *Deut Tierarztl Wochensch* 80 (12): 278-279. Ref. Eng. Sum. June 15, 1973

085669 41.8 D482
Studies on aetiology & pathogenesis of endocardiosis & endocarditis of dogs. I. Introduction & clinical findings. (Ger) Kersten, U *Deut Tierarztl Wochensch* 80 (13): 299-304. Ref. Eng. Sum. July 1, 1973

085670 99.8 ER22
Development in production of forest propagating material. (Hun) Bondor, A *Erdo* 22 (4): 145-150. Eng. Sum. Apr 1973

085671 47.8 T432
Necrotic enteritis in chickens in Norway. (Nor) Kristiansen, F *Fjorfe* 90 (4): 95-99. Apr 1973

085672 S19.F63
Diseases of vagina of cow. Christopher, J *Food Farming Agric* 5 (1): 8-11. July 1972

085673 SF768.F6
Iron-deficiency anemia in mink fed raw marine fish; a five year study. Ender, F *Fortschr Tierphysiol Tierernahr* 2, 46 P. Ref. 1972

085674 41.8 G29
Ruptured urinary bladder in post-parturient cow. McCormack, J E *Ga Vet* 25 (3): 18-19. May/June 1973

085675 41.9 SO18
Posthitis & vulvitis in experimentally induced zinc deficient lambs. Demertzes, P N *Hellen Kteniatrike Hetaireia Delt* 23 (4): 256-258. Oct/Dec 1972

085676 100 AL1H
Comparative resistance of commerical strains of broilers to Marek's disease. [Avian lymphomatosis]. Brewer, R N *Highlights Agr Res (ala Sta)* 30 (2): 14. Summer 1973

085677 SF55.I4A2
Deficiency diseases of livestock. Dutt, B *Indian Counc Agr Res I C A R Tech Bull (Anim Husb)* 100 P. Ref. 1972

085678 41.8 IN22
Diffuse pulmonary calcification & ossification in a goat (Capra hircus): a note. Charan, K *Indian J Anim Sci* 42 (10): 824-826. Oct 1972

085679 41.8 IN22
Some evidence on role of high dietary phosphorus & magnesium intake in urolithiasis in calves. Kaushal, B S *Indian J Anim Sci* 42 (11): 905-910. Ref. Nov 1972

085680 41.8 IN22
Clinico-biochemical studies in indigestions in cattle & buffaloes. [Anorexia]. Prasad, J *Indian J Anim Sci* 42 (11): 911-914. Ref. Nov 1972

085681 SF481.I5
Exudative diathesis in poultry. Nayak, B C *Indian J Poultry Sci* 7 (4): 34-39. Ref. Oct/Dec 1973

085682 SF481.I5
Hemorrhagic syndrome in poultry. Singh, B *Indian J Poultry Sci* 8 (1): 44-49. Ref. Jan/Mar 1973

085683 SF481.I5
Some uncommon pathological conditions of domestic fowls. Chawla, R S *Indian J Poultry Sci* 8 (1): 59-63. Jan/Mar 1973

085684 41.8 IN2
Lympho-proliferative & allied lesions on pericardium of buffaloes in Uttar Pradesh. Singh, K P *Indian Vet J* 50 (3): 207-211. Ref. Mar 1973

085685 41.8 V6425
Glomerulonephritis in canine: a case report. Crawford, M P *Iowa State Univ Vet* 35 (1): 11-15. Ref. 1973

085686 41.8 V6425
Psychomotor episode of a poodle. [Epilepsy, dogs]. Carithers, R W *Iowa State Univ Vet* 35 (2): 48. 1973

085687 41.8 IO9
Calf raising problems: Objectives of seminar. [Livestock disease]. Herrick, J *Iowa Vet* 44 (4): 15. July/Aug 1973

085688 381 J8223
Metabolic studies with chloropropylate acaricide in dairy cow. St. John, L E *J Agr Food Chem* 21 (4): 644-646. July/Aug 1973

085689 49 J82
Efficacy of selenium & vitamin E injections in prevention of white muscle disease in young swine. Mahan, D C *J Anim Sci* 36 (6): 1104-1108. Ref. June 1973

085690 49 J82
Herd differences in expression of fatal diarrhea in artificially reared piglets weaned after 12 hours vs. 36 hours of nursing. Coalson, J A *J Anim Sci* 36 (6): 1114-1121. Ref. June 1973

085691 49 J82
Cadmium-induced anemia in growing pigs: protective effect of oral or parenteral iron. Pond, W G *J Anim Sci* 36 (6): 1122-1124. Ref. June 1973

085692 442.8 AM3
Micrognathia & cerebellar hypoplasia in an Aberdeen Angus herd. [Cattle]. Edmonds, L *J Hered* 64 (2): 62-64. Ref. Mar/Apr 1973

085693 442.8 AM3
Crazy – a nervous disorder in Ancona chicks. McGibbon, W H *J Hered* 64 (2): 91-94. Mar/Apr 1973

085694 41.8 J8292
Some causes of diarrhoea in dog. Hill, F W G *J Small Anim Pract* 14 (4): 195-203. Ref. Apr 1973

085695 41.9 J275
A case report on generalized cutaneous asthenia of dog. (Jap) Noda, S *Jap Vet Med Ass J* 26 (4): 169-172. Eng. Sum. Apr 1973

085696 49 L758
When buying calves beware of tired ones. [Stress]. Hammond, R C *Livestock Breeder J* 16 (7): 200, 202, 204, 206. July 1973

085697 49 L758
Shipping fever. [Cattle]. McLean, G J *Livestock Breeder J* 16 (7): 54, 140, 142. July 1973

085698 49 L758
Cool season problem of grass tetany on increase. [Cattle]. Colby, R W *Livestock Breeder J* 16 (7): 99-138. July 1973

085699 41.8 M463
Genetic distrubances & their significance in pathology of animals. (Pol) Gluhovschi, N *Med Wet* 29 (4): 217-220. Ref. Apr 1973

085700 41.8 M463
Influence of external & internal environment on occurrence of disease of udder in cows in large-scale breeding. (Pol) Samborski, Z *Med Wet* 29 (4): 220-222. Ref. Apr 1973

085701 41.8 M463
Influence of hypogammaglobulinaemia on morbidity of calves. (Pol) Radominski, W *Med Wet* 29 (4): 223-225. Ref. Eng. Sum. Apr 1973

085702 41.8 M742
Therapy & prophylaxis of gastroenteritis in industrialised pig rearing stations. (Ger) Lutter, K *Monatsh Veterinarmed* 28 (10): 375-379. Eng. Sum. May 15, 1973

085703 41.8 M742
Problems related to what is called petitoneal carcinomatosis of fowl. (Ger) Bergmann, V *Monatsh Veterinarmed* 28 (11): 418-423. Eng. Sum. June 1, 1973

085704 SF601.N4
Lameness in cattle & foot care. [Fusiformis nodosus]. Toussaint Raven, E *Neth J Vet Sci* 2 (5): 105-111. Ref. May 1973

085705 SF601.N4
Prednisone in treatment of canine craniomandibular osteopathy. Vries, H W de *Neth J Vet Sci* 2 (5): 123-131. Ref. May 1973

085706 SF601.N4
Rodent ulcer of cornea in dogs. Verwer, M A J *Neth J Vet Sci* 2 (5): 134-144. Ref. May 1973

085707 SF601.N4
A new method in treatment of hyperlipaemia (hyperlipoproteinaemia) in ponies. Wensing, T *Neth J Vet Sci* 2 (5): 145-147. May 1973

085708 SF601.N4
A comparative readiological & clinical study of typical lesion of sole (ulceration of sole) in cattle. Zantinga, J W *Neth J Vet Sci* 2 (5): 88-97. May 1973

085709 SF601.N4
Determination of weight-bearing by bovine foot [Ulceration]. Toussaint Raven, E *Neth J Vet Sci* 2 (5): 99-103. May 1973

085710 60.19 N48
Trace elements in pasture & their effects on animal health. [Nutritional deficiencies]. Andrews, E D *New Zeal Grassland Ass Proc* 34Th: 71-76. Ref. 1973

085711 41.8 N813
Segmental aplasia of Mullerian ducts in Shadow blue fox. [Arctic foxes]. (Nor) Fougner, J A *Nord Vet Med* 25 (3): 155-159. Eng. Sum. Mar 1973

085712 41.8 N813
Cystic ovarian disease in dairy cattle. Schjerven, L *Nord Vet Med* 25 (3): 160-162. Mar 1973

085713 11 N8122
Ketosis in dairy cattle as related to management. (Nor) Breirem, K *Norsk Landbruk* 9: 2-3. May 10, 1973

085714 41.8 N922
Diuretic therapy in veterinary medicine. (Ita) Ballarini, G *Nuova Vet* 48 (6): 378-397. Ref. Eng. Sum. Nov/Dec 1972

085715 41.8 P76
An attempt at experimental provocation of colientertoxemia in piglets with inhibited enzymatic activity of pancreas. (Pol) Janiak, T *Pol Arch Weter* 15 (3): 539-545. Eng. Sum. 1972

085716 41.8 P76
Spontaneous arteriosclerosis in hens. (Pol) Kadziolka, A *Pol Arch Weter* 15 (3): 547-552. Ref. Eng. Sum. 1972

085717 SF481.P64
Nutrition & its relation to poultry health. Healy, J S *Poult Guide* 10 (3): 24-29. Mar 1973

085718 SF481.P64
Influence of management on disease control. [Chickens]. Shapcott, R C *Poult Guide* 10 (3): 40-43. Mar 1973

085719 41.8 AL5
Food as a therapeutic agent in feline urolithiasis. Stallings, E P *Pract Vet* 44 (3): 7-10. June/July 1972

085720 41.8 AL5
Displacement of abomasum in dairy cows. Baker, J S *Pract Vet* 45 (2): 16-17, 20-22. Spring/Summer 1973

085721 41.8 P882
Spontaneous metaplastic ossification of peritoneum in a slaughter swine. (Ger) Schreiber, H *Prakt Tierarzt* 54 (6): 241-243. June 1, 1973

085722 41.8 P882
Epilepsy type attack of a dog caused by hypoglycemia. (Ger) Spieth, K *Prakt Tierarzt* 54 (7): 292-294. Ref. July 1, 1973

085723 S544.3.M6M6
Selenium & livestock nutrition in Montana. [White muscle disease]. Graham, D R *Res Rep Mont Agric Exp Stn Mont State Univ* 31, 11 P. May 1973

085724 SF1.R54
Bezoars in gastrointestinal system of calves. (Ita) Ballarini, G *Rilancio Agric Vet Zootec* 5 (1): 4-6. 1973

085725 41.8 SCH9
Diverticulum of esophagus in a cow. (Ger) Tontis, A *Schweiz Arch Tierheilk* 115 (6): 263-268. Ref. Eng. Sum. June 1973

085726 442.9 SO1
A study of effects of a new anti-androgen on hyperplastic dog prostate. Brooks, J R *Soc Exp Biol Med Proc* 143 (3): 647-655. Ref. July 1973

085727 41.8 SO82
Canine hyperadrenocorticism. Crouser, D R *Southwest Vet* 26 (2): 103-108. Ref. Winter 1973

085728 41.8 SO82
Atrophic myositis of temporal & masseter muscles in a Saint Bernard. [Dogs]. Hicks, S *Southwest Vet* 26 (2): 138-139. Winter 1973

085729 41.8 SO82
Malignant lymphoma in a dog. Munger, R J *Southwest Vet* 26 (2): 139-140. Winter 1973

085730 SF601.S8
'molasses toxicity' in Cuba. [Beef, Sugarcane, feeding]. Edwin, E E *State Vet J* 28 (82): 13-16. Jan 1973

085731 46.9 SV2
Prophylaxis of anemia must use routine measures. [Swine]. (Swe) Rabe, J *Svinskotsel* 63 (5): 14-16. May 25, 1973

085732 41.8 T445
Health damages & cyst formation in cattle after estrogen dosage in excess. (Ger) Grunert, E *Tierarztl Umsch* 28 (7): 331. July 1, 1973

085733 41.8 T431
Skin tumors in dogs. (Dut) Ingh, S G A M Van Den *Tijdschr Diergeneesk* 98 (11): 538-543. Ref. Eng. Sum. June 1, 1973

085734 41.8 V6456
Renal dysplasia in dog. Kelly, D F *Vet Annu* 13Th: 141-147. Ref. 1972 (Pub. 1973)

085735 41.8 V6456
Value of auscultation & percussion in diagnosis of respiratory diseases in dog & cat. Sheridan, J P *Vet Annu* 13Th: 218-221. 1972 (Pub. 1973)

085736 41.8 V6456
Acute intestinal haemorrhage syndrome in dogs. Hill, F W G *Vet Annu* 13Th: 98-101. 1972 (Pub. 1973)

085737 SF601.V523
Equine hepatic insufficiency. Tennant, B *Vet Clin North Am* 3 (2): 279-289. Ref. 1973

085738 SF601.V523
Refractory laminitis. [Horses]. Coffman, J R *Vet Clin North Am* 3 (2): 291-300. Ref. 1973

085739 SF601.V523
Acute colitis syndrome colitis 'X'. [Horses]. Vaughan, J T *Vet Clin North Am* 3 (2): 301-313. Ref. 1973

085740 41.8 J93
Melanoma in cornea of mare. (Cro) Robesko, B *Vet Glas* 26 (12): 915-917. 1972

085741 41.8 J93
Some inherited diseases in cattle. (Cro) Predojevic, M R *Vet Glas* 27 (1): 49-53. 1973

085742 41.8 J93
Torsion of spleen & anthracose fibrosis in lungs of dog. (Cro) Rebesko, B *Vet Glas* 27 (2): 121-124. 1973

085743 41.9 C333
Pathology of white muscle disease in young cattle. (Cze) Kursa, J *Vet Med (prague)* 18 (1): 17-24. Ref. Eng. Sum. Jan 1973

085744 41.9 C333
Effect of ferrocyanides on elimination of radiocesium in pigs. (Cze) Havlicek, F *Vet Med (prague)* 18 (2): 111-116. Ref. Eng. Sum. Feb 1973

085745 41.8 M69
Anomaly in a Poodle puppy. Wolff, A *Vet Med/small Anim Clin* 68 (7): 732-733. July 1973

085746 41.8 M69
Diagnosis & treatment of sand colic in horse. Ferraro, G L *Vet Med/small Anim Clin* 68 (7): 736. July 1973

085747 41.8 M69
Congenital unilateral renal hypoplasia complicated by chronic interstitial nephritis in a dog. Van Pelt, R W *Vet Med/small Anim Clin* 68 (7): 745-748. July 1973

085748 41.8 M69
Recurrent sebaceous cysts in a dog. Fellenbaum, S *Vet Med/small Anim Clin* 68 (7): 750. July 1973

085749 41.8 M69
Horner's syndrome in a cat following cervical trauma. Frye, F L *Vet Med/small Anim Clin* 68 (7): 754. July 1973

085750 41.8 M69
Allopurinol in treatment of an intractable metabolically-derived dermatosis in a Dalmatian dog. Lowrey, J C *Vet Med/small Anim Clin* 68 (7): 755-762. July 1973

085751 41.8 M69
Keratoconjunctivitis sicca in a dog. Gelatt, K N *Vet Med/small Anim Clin* 68 (7): 767-768. July 1973

085752 41.8 M69
Force-feeding of nutrient slurry to feedlot cattle another approach to problem of stress. Wohler, W H *Vet Med/small Anim Clin* 68 (7): 775-776. July 1973

085753 41.8 P27
Pulmonary granulomas associated with PAS [Periodic acid-Schiff]-positive bodies in brachycephalic dogs. Billups, L H *Vet Pathol* 9 (5): 294-300. 1972

085754 41.8 P27
Myopathy with a possible recessive X-linked inheritance in a litter of Irish terriers. Wentink, G H *Vet Pathol* 9 (5): 328-349. Ref. 1972

085755 41.8 P27
Multiple cartilaginous exostoses in a cat. Pool, R R *Vet Pathol* 9 (5): 350-359. Ref. 1972

085756 41.8 P27
Proliferative optic neuropathy in horses. Saunders, L Z *Vet Pathol* 9 (5): 368-378. Ref. 1972

085757 41.8 P27
Persistent truncus arteriosus in a dog. Chen, H C *Vet Pathol* 9 (5): 379-383. 1972

085758 41.8 V641
Ruminal thiaminase & tissue thiamine in cerebrocortical necrosis. [Sheep, cattle]. Edwin, E E *Vet Rec* 92 (24): 640-641. Ref. June 16, 1973

085759 41.8 V641
Three case reports of ectopic uteters in bitches. [Dogs]. Owen, R *Vet Rec* 93 (1): 2-10. Ref. July 7, 1973

085760 41.8 V6494
Effect of glucocorticoids on blood picture & fertility of cows with retained placenta. (Cro) Kudlac, E *Veterinaria (Sarajevo)* 21 (3): 305-316. Ref. Eng. Sum. 1972

085761 41.8 V6439
Pathological physiology of intensive milk cow farming. (Cze) Boda, K *Veterinarstvi* 23 (2): 51-53. 1973

085762 41.8 V6439
Relation of nutrition to nervous system disturbances in farm animals. (Cze) Pivnik, L *Veterinarstvi* 23 (2): 62-64. 1973

085763 41.8 V6439
Etiology, prevention & therapy of prolapsus of sheep vagina. (Cze) Klauzer, L *Veterinarstvi* 23 (2): 74-75. 1973

085764 41.8 Z5 SUPPL.
Acute back muscle necrosis & exertional myopathy in pig – studies on its pathogenesis. (Ger) Bickhardt, K *Zentralbl Veterinarmed Beih* 18, 111 P. Ref. Eng. Sum. 1972

085765 41.8 Z5
Congenital cerebellar ataxia in Gotland Pony breed. Bjorck, G *Zentralbl Veterinarmed Reihe A* 20 (4): 341-354. Ref. May 1973

085766 SF105.A1Z8
Relationship between ovarian cysts & milk production in cows. (Ger) Grunert, E *Zuchthygiene* 8 (2): 55-62. Ref. Eng. Sum. June 1973

MISCELLANEOUS DISEASES

085767 S9.A3
Control of calf diseases. (Ita) Ubertini, B *Agric Bergamasca* 24 (4): 12-16. Apr 1973

085768 41.9 AM36
Diagnosis & management of lower urinary tract injuries associated with pelvic trauma. [Dogs]. Wingfield, W E *Amer Anim Hosp Ass Proc* 40Th: 234-237. Ref. 1973

085769 41.9 AM36
Use & misuse of urinary acidifiers. [Toxic reactions, dogs, cats]. Hardy, R M *Amer Anim Hosp Ass Proc* 40Th: 276-284. Ref. 1973

085770 41.9 AM36
Management of head injury patient. [Veterinary medicine]. Chrisman, C L *Amer Anim Hosp Ass Proc* 40Th: 328-331. 1973

085771 389.79 AM32
Mycotoxin research: selected areas pertinent to feedstuffs. [Aflatoxin]. Ciegler, A *Amer Feed Manufacturers Ass Nutr Counc Proc* 32: 37-40. Ref. 1972

085772 41.8 AM3A
Effects of acute anaphylactic shock on arterial blood pressure of anesthetized chickens. Pedersoli, W M *Amer J Vet Res* 34 (7): 881-885. Ref. July 1973

085773 41.8 AM3
Clinical significance of traumatic occlusion of segmental spinal arteries. [Dogs]. Parker, A J *Amer Vet Med Assoc J* 162 (12): 1041-1042. June 15, 1973

085774 41.8 AM3
Congenital arthrogryposis associated with ingestion of jimsonweed by pregnant sows. [Datura stramonium]. Leipold, H W *Amer Vet Med Assoc J* 162 (12): 1059-1060. Ref. June 15, 1973

085775 41.8 AN78
Study of pathophysiological action of Neguvon in poultry organism. I. Influence of Neguvon on certain clinical & hematological indices in poultry organism. [Chickens]. (Fre) Lazarov, V P *Ann Med Vet* 117 (3): 183-192. Ref. Eng. Sum. May 1973

085776 41.8 AV5
Abdominal mass in chicken (Gallus domesticus). Gupta, B N *Avian Dis* 17 (2): 453-458. Apr/June 1973

085777 41.8 B45
Experimental research on radiation hazards in dogs & horses treated with x-rays. (Ger) Hartung, K *Berliner Munchener Tierarztl Wochenschr* 86 (11): 201-205. Ref. Eng. Sum. June 1, 1973

085778 41.8 R3224
Disease trends in domestic animals & poultry in Ontario 1971-72. Rowan, V C *Can Vet J* 14 (6): 142-144. June 1973

085779 49 B462
Concrete wears down hoofs. Results of German experiments. [Cattle]. (Fre) Spindler, F *Elevage* 19: 73, 75. June 1973

085780 280.38 F62
Deficiencies in slaughter animals: Effects on economy, hygiene & animal protection; injuries on farm. LVII. (Ger) Draser, *Fleischwirtschaft* 53 (5): 609. May 1973

085781 41.8 IN22
Physiological studies on blood of anaemic cattle: efficacy of bovine erythropoietin(s) in irradiated mice. [Radiation injury]. Reddi, O S *Indian J Anim Sci* 42 (10): 789-797. Oct 1972

085782 41.8 IN22
Effect of drugs on permeability in sheep skin. Vegad, J L *Indian J Anim Sci* 42 (10): 833-834. Oct 1972

085783 41.8 IN22
Experimental lathyrism in chicks. Panda, N C *Indian J Anim Sci* 42 (11): 949-951. Nov 1972

085784 389.8 J82
Cadmium toxicity in growing swine. Cousins, R J *J Nutr* 103 (7): 964-972. Ref. July 1973

085785 41.8 J8292
Lead poisoning in small animals. Clarke, E G C *J Small Anim Pract* 14 (4): 183-193. Ref. Apr 1973

085786 41.8 V644
Severe surgical alterations caused by floor in swine. (Hun) Kovacs, B *Magyar Allatorv Lapja* 28 (4): 188-191. Eng. Sum. Apr 1973

085787 41.8 M463
Examinations on toxic effect of Linurone. [Rabbits, rats]. (Pol) Kaszubkiewicz, C *Med Wet* 29 (3): 138-139. Mar 1973

085788 41.8 M463
Intoxication of mink with Digitalis purpurea. (Pol) Zimowski, A *Med Wet* 29 (4): 226. Eng. Sum. Apr 1973

085789 41.8 M463
Intoxication with ammonia of guinea fowl of broiler type. (Pol) Mendelewska, J *Med Wet* 29 (4): 227-228. Eng. Sum. Apr 1973

085790 41.8 M742
Histological & chemical studies into tuber coxae spongi-s& samples obtained by biopsy of cows in an imission area. (Ger) Seffner, W *Monatsh Veterinarmed* 28 (10): 384-387. Ref. Eng. Sum. May 15, 1973

085791 41.9 R923
Research of laboratory of pharmacology & toxicology, 1966-1970, of All-Union Institute of Experimental Veterinary Medicine. (Rus) Poloz, D D *Moscow Vses Inst Eksp Vet Tr* 40: 82-97. 1972

085792 SF601.N4
Sheep, swine & copper. [Poisoning]. Ulsen, F W Van *Neth J Vet Sci* 2 (5): 113-115. May 1973

085793 100 M28MA
Effects of DDT on growth & reproduction in rat. Nickerson, S C *Res Life Sci* 20 (19), 6 P. Ref. May 1973

085794 41.8 SO82
Toxicity of Helenium amarum (bitter sneezeweed) to sheep. Dollahite, J W *Southwest Vet* 26 (2): 135-137. Winter 1973

085795 41.8 T445
Cattle mortality by strangulation in various tie-in stalls. (Ger) Rapp, J *Tierarztl Umsch* 28 (7): 327-331. July 1, 1973

085796 41.8 T431
Cattle & zinc. [Poisoning]. (Dut) Ulsen, F W Van *Tijdschr Diergeneesk* 98 (11): 543-546. Eng. Sum. June 1, 1973

085797 513 T571C
Wound healing of cornea in chick embryo. I. Factors affecting migration of corneal epithelium. Takeuchi, S *Tokyo Univ Fac Sci J Sect Iv Zool* 12 (3): 439-447. Dec 1972

085798 513 T571C
Wound healing of cornea in chick embryo. II. stromal wound bed as a substratum for epithelial migration. Takeuchi, S *Tokyo Univ Fac Sci J Sect Iv Zool* 12 (3): 449-456. Dec 1972

085799 SF601.T7
Toxicity to goats of Ipomoea carnea. Idris, O F *Trop Anim Health & Prod* 5 (2): 119-123. May 1973

085800 SF601.V523
Waste oil: Toxic for horses. Case, A A *Vet Clin North Am* 3 (2): 273-277. 1973

085801 41.8 J93
Values of pH [Hydrogen-ion concentration] of some organs & tissues of normal piglets & piglets poisoned with organophosphorus compounds. (Cro) Pesic, V *Vet Glas* 26 (11): 815-818. Ref. Eng. Sum. 1972

085802 41.8 J93
Obstruction of teats on cows. (Cro) Rebesko, B *Vet Glas* 26 (11): 845-848. Eng. Sum. 1972

085803 41.8 P27
Pathologic anatomy of lead poisoning in dogs. Zook, B C *Vet Pathol* 9 (5): 310-327. Ref. 1972

085804 41.8 V6494
Advantages & dangers of applying chelates in therapy. [Veterinary medicine]. (Cro) Dzinic, S *Veterinaria (Sarajevo)* 21 (3): 293-304. Ref. Eng. Sum. 1972

085805 41.8 T345
A rare type of pelvic fracture in a dog & a cat. (Ger) Schneck, G *Wien Tierarztl Monatsschr* 60 (5): 181-182. Eng. Sum. May 1973

085806 41.8 Z72
A particular syndrome of respiratory system, verified in beef calves, raised industrially, attributed to acute intoxication with poisonous gas. (Ita) Testi, B *Zooprofilassi* 27 (9/10): 371-390. Sept/Oct 1972

FORESTRY — GENERAL

085807 442.9 AK17
Plant stock of Novosibirsk, its health importance & conservation problems. [Forest influences]. (Rus) Krylov, G V *Akad Nauk Sssr Sibirsk Otd Biol Inst Tr* 15: 151-158. Ref. 1972

085808 442.9 AK17
State and problems of further studies of protection forest growing in western Siberia. (Rus) Krylov, G V *Akad Nauk Sssr Sibirsk Otd Biol Inst Tr* 15: 159-164. 1972

085809 442.9 AK17
Historical outline of reforestation investigations in western Siberia. [Forestry, history]. (Rus) Lamin, L A *Akad Nauk Sssr Sibirsk Otd Biol Inst Tr* 15: 179-207. Ref. 1972

085810 99.8 AL52
What does forest signify for Denmark? (Ger) Frederiksen I *Allg Forstz* 28 (24/25): 581-582. Map. June 23, 1973

085811 99.8 AL52
Plant arrangement & trunk count reduction in spruce. [Fomes annosus]. (Ger) Bryndum, H *Allg Forstz* 28 (24/25): 602-604. June 23, 1973

085812 41.8 AV5
Effect of ingested lead shot on electrocardiogram of Canada geese. Sileo, L *Avian Dis* 17 (2): 308-313. Apr/June 1973

085813 99.8 B632
Report of Anglo-French Nigeria-Niger mission (December 1936-February 1937). (Fre) Patterson, *Bois Forets Trop* 148: 3-26. Map. Eng. Sum. Mar/Apr 1973

085814 SD1.B71
Forestry activities in Amazon region. (Por) *Bras Florestal* 4 (13): 20-22. Jan/-Mar 1973

085815 SD1.B71
Ecological solutions of hydraulic-forest problems. (Por) Coimbra-Filho, A F *Bras Florestal* 4 (13): 4-19. Ref. Jan/Mar 1973

085816 SD1.B7
Josef Hasek sixty years old. [Foresters]. (Cze) *Brno Vys Sk Zemed Acta Sb Rada C Spisy Fak Lesn* 41 (1): 97-100. Ref. 1972

085817 292.9 C1282
Prescribed fire effects on water repellency, infiltration, & retention in mixed conifer litter, duff & soil. Biswell, H H *Calif Univ Water Resources Center Rep* 25: 40. Jan 1973

085818 99.9 C1694
Conservation of forest gene resources within IBP [International Biological Programme] framework. Lemieux, G *Can Comm Forest Tree Breeding Proc* P. 31-35. 1973

085819 99.9 C1694
Canadian Institute of Forestry program on natural areas. Weetman, C F *Can Comm Forest Tree Breeding Proc* P. 37-42. Ref. 1973

085820 99.9 C1694
Finnish standard stands for forestry research. Hagman, M *Can Comm Forest Tree Breeding Proc* P. 67-76. Map. 1973

085821 99.8 D263
Sociopolitical situation for growth of forests on forest soils, & forest protection in case of atomic wars. (Gre) Papagiannopoules, A D *Dassika Chron* 172/173: 33-39. Feb/Mar 1973

085822 99.8 D486
Task spectrum & volumes for forestry offices: Partial results of Hesse German Federal Forestry Agricultural Association. (Ger) Stolz, K H *Deut Forstmann* 13 (5): 10. 1973

085823 QH540.E3
Winter dieback of forest crops in Maritime Territory. [Larix gmelini, Picea jezoensis, Pinus koraiensis]. (Rus) Pulinets, M P *Ekologiia* 6: 79-81. 1973

085824 TD172.E52
Effects of soil-applied fluoride & lead on growth of loblolly pine & red maple. [Pinus taeda, Acer rubrum, injuries, pollution]. Davis, J B *Environ Pollut* 5 (1): 35-44. Ref. July 1973

085825 99.8 ER22
Report of activity of Scientific Institue of Forestry 1972. (Hun) Jerome, R *Erdo* 22 (4): 180-186. Apr 1973

085826 99.8 ER22
Concerns & ideas on relation between forests & game. (Hun) Csesznak, E *Erdo* 22 (5): 205-211. Eng. Sum. May 1973

085827 HD9016.I4F3
Eucalyptus. [Globulus]. Ramaswamy, N *Farm Fact* 7 (6): 27-28. Apr 1973

085828 99.8 F7623
Seismic & resistivity exploration of soils & shallow bedrock in forestry research & management. Sutton, R F *Forest Chron* 49 (2): 130-133. June 1973

085829 99.8 F7723
H. H. Hilf 80 years old. [Foresters]. (Ger) Schleicher, H *Forstarchiv* 44 (4): 83-86. Apr 1973

085830 99.8 F7723
F. Hafner 70 years old. [Foresters]. (Ger) Knigge, W *Forstarchiv* 44 (4): 86-87. Apr 1973

085831 99.8 F7723
R. Ganssen 70 years old. [Foresters]. (Ger) Zottl, H W *Forstarchiv* 44 (4): 87-88. Apr 1973

085832 281.8 R522
Advancement of sea & destruction of pines on coast of Ravenna. (Ita) Montanari, G *Genio Rurale* 35 (11): 41-48. Map. Nov 1972

085833 99.9 J2724A
Food eaten by red-backed vole, Clethrionomys rufocanus bedfordeae in natural Todo-fir forest land: growth of Sasa-bamboo. [Abies]. (Jap) Igarashi, B *Hokkaido Forest Exp Sta Annu Rep* 1971: 67-74. Eng. Sum. Oct 1972

085834 99.81 H74
Herbert O. Fleischer 60 years old. [Foresters]. (Ger) Kollmann, F *Holz Roh Werkst* 31 (6): 248. June 1973

085835 99.8 IT12
How to operate 'water bomber'. [Aircraft, forest fire control]. (Ita) Del Turco, N R *Ital Forest Mont* 27 (6): 239-246. Eng. Sum. Nov/Dec 1972

085836 99.8 J32
Stand windfall resistance in 1967. [Picea abies, Pinus, Populus]. (Lav) Erglis, D *Jaunakais Mezsaimnieciba* 15: 53-60. Ref. Eng. Sum. 1973

085837 99.8 K99
Damages at source head of Hitotsuse-River by typhoons in 1971. [Forest roads, landslides]. (Jap) Sue, K *Kyushu Univ Res Inst Univ Forests Bull Kyushu Univ Forests* 47: 235-269. Eng. Sum. Mar 1973

085838 99.8 L5632
Bioameliorative influences of some timber species on sandy soils of Zahorska lowland. (Slo) Pelisek, J *Les (Bratislava)* 29 (4): 152-155. 1973

085839 99.8 L5632
Do not let us underestimate rime in our forests. (Slo) Kodrik, J *Les (Bratislava)* 29 (4): 159-161. 1973

085840 99.8 L569
Investigation of pupils of secondary forestry technical schools & schools for forest foremen who attended forestry apprentice training centres. (Slo) Lacko, M *Lesn Cas* 19 (1): 47-59. Ref. Eng. Sum. 1973

085841 99.8 L569
Contribution to reconstruction of forest tree species in forests of upper Orava region. (Slo) Voloscuk, I *Lesn Cas* 19 (1): 81-90. Map. Ref. 1973

085842 SD1.M6
Interactions between biotic & abiotic factors in forest of Latemar (Bolzano). (Ita) Susmel, L *Monti Boschi* 23 (6): 3-14. Ref. Eng. Sum. Nov/Dec 1972

085843 99.9 OX2
Forestry: time to dig in? Price, C *Oxofrd Univ Forest Soc J* (Ser.7) 3: 19-23. 1973

085844 99.9 OX2
Taungya – exploitation or symbiosis? (with particular reference to Kenyan conditions). [Silviculture. Agronomy]. Wamugunda, B G *Oxofrd Univ Forest Soc J* (Ser.7) 3: 23-24. 1973

085845 99.9 OX2
Report on Seminar of European Forestry & Wood Technology Students, Hungary, 1972. Hunter, L A J *Oxofrd Univ Forest Soc J* (Ser.7) 3: 25-29. 1973

085846 99.9 OX2
Forestry education in Britain. Edwards, P N *Oxofrd Univ Forest Soc J* (Ser.7) 3: 29-31. 1973

085847 99.9 OX2
An offence for dialogue. [Forestry education]. Jardine, P *Oxofrd Univ Forest Soc J* (Ser.7) 3: 31-34. 1973

085848 99.9 OX2
Significance of forests & forestry for people of Yugoslavia. Golubovic, U *Oxofrd Univ Forest Soc J* (Ser.7) 3: 35-40. Ref. 1973

085849 99.9 OX2
People & forests – challenge of forest recreation. Tocher, R *Oxofrd Univ Forest Soc J* (Ser.7) 3: 5-17. 1973

085850 100 N81R
Study provides recommendations for watersheds. Maki, T E *Res Farming (n C Sta)* 30 (1/4): 9. Summer 1972/Spring 1973

085851 99.8 R329
Research of meterological factors favourable to start of fires in Rambouillet forest. (Fre) Lagard, M *Rev Forest Franc* 2: 105-114. Mar/Apr 1973

085852 99.8 R329
Part played by French foresters in evolution of Turkish forestry. (Fre) Ozdonmez, M *Rev Forest Franc* 2: 170-172. Mar/Apr 1973

085853 99.8 R327
From history of silviculture: some treatments used in past in forests of northern Moldavia. (Rum) Pascovici, N *Rev Padurilor* 88 (1): 33-35. Jan 1973

085854 99.8 R327
On ergonomy research works in forest domain & prospects of their development in light of conclusions of Conference on Ergonomy. (Rum) Neagu, V *Rev Padurilor* 88 (1): 36-38. Jan 1973

085855 99.8 R327
Synthesis of one decade of phenologie studies on Castanea sativa Mill. (Rum) Nistor, B *Rev Padurilor* 88 (4): 198-205. Apr 1973

085856 99.8 R473
Recent accidents & disasters to forest workers. (Jap) Kawatoko, T *Ringyo Gijitsu* 4: 10-14. Apr 1973

085857 99.8 R473
Forests in Northwest of America: productivity survey. 2. (Jap) Shidei, T *Ringyo Gijitsu* 4: 20-23. Apr 1973

085858 99.9 SO82
South African forestry surges forward. Hartwig, G L F *S Afr Forest J* 83: 1-3. Dec 1972

085859 S544.3.N4S5
Environment for what? [Forests]. Winch, F E *Schoharie Cty Coop Ext News* 58 (8): 17. June 1973

085860 470 SCI2
Wood-boring bivalves, opportunistic species in deep sea. Turner, R D *Science* 180 (4093): 1377-1379. Ref. June 29, 1973

085861 99.8 Z36
Ernst Rohmeder [Foresters]. (Ger) Frohlich, H J *Silvae Genet* 22 (1/2): 1. 1973

085862 99.8 Z36
Dr. Ernst Jefferson Schreiner retires at age 70, in November 1972. [Foresters]. Gerhold, H D *Silvae Genet* 22 (1/2): 2-4. 1973

085863 56.8 SO323
Forest utilisation & water & soil conservation. [New Zealand]. Thomson, A P *Soil & Water* 9 (1/2): 9-12. Nov/Dec 1972

085864 99.8 W143
To valuation of effects of forest with respect to land imporovement. (Ger) Paul, F *Sozialistische Forstwirtsch* 23 (3): 84-85. Mar 1973

085865 99.8 W143
By means of an ingenious preparation of work to high performances in socialist competion for clearing wind-fall. [Forests]. (Ger) Oertel, G *Sozialistische Forstwirtsch* 23 (4): 101-103. Apr 1973

085866 99.8 W143
Education of Viet-Namese students & aspirants in Section of Forestry Tharandt, a contribution of solidarity with Viet-Nam. (Ger) Schorcht, M *Sozialistische Forstwirtsch* 23 (4): 108-109. Apr 1973

085867 99.8 W143
In which way does State Forest Neustrelitz organize socialist assistance in State Forest Kyritz damaged by storm. (Ger) Hagedorn, H *Sozialistische Forstwirtsch* 23 (4): 97-100. Apr 1973

085868 241.01 H36
A current bibliography of Finnish forestry literature. (Fin) *Tiedotus Helsingin Yliopiston Metsakirjasto* 4: 92-128. Ref. 1972

085869 SD430.T52
Safety in forest. Howell, B N *Timber Grow* 47: 23-29. Feb 1973

085870 1 AG84M
Evapotranspiration & watershed research as related to riparian & phreatophyte management. Horton, J S *U S D A Misc Publ* 1234, 192 P. Ref. Jan 1973

085871 A99.9 F7625U
An inexpensive meteorological radiation shield for thermistors & thermocouples. [Forest fire control equipment]. Barney, R J *U S Forest Serv Res Note PNw* 190, 7 P. Oct 1972

085872 A99.9 F764U
Description & hydrologic analysis of two small watersheds in Utah's Wasatch Mountains. Johnston, R S *U S Forest Serv Res Pap Int* 127, 53 P. Map. Ref. July 1972

085873 99.8 W145
Institute for Applied Zoology of Wurzburg University. [Forest insects]. (Ger) Kneitz, G *Waldhygiene* 9 (5/8): 131-139. 1972

085874 99.8 W145
Genetic-biological basis & objective research as elements of modern ecology. [Agriculture, forestry]. (Ger) Breider, H *Waldhygiene* 9 (5/8): 141-147. 1972

085875 99.8 W145
There poison, here forest hygiene!. (Ger) Kirk, G *Waldhygiene* 9 (5/8): 203-208. Ref. 1972

085876 99.8 W145
A tranquillizer for forestry with pictures of life of red forest ant. [Formica polyctena]. (Ger) Reisch, J *Waldhygiene* 9 (5/8): 239-246. 1972

085877 99.8 W145
Influence of Gosswald School on ant research in Bulgaria. [Formicidae, forest protection]. (Ger) Wesselinoff, G *Waldhygiene* 9 (5/8): 257-259. 1972

FORESTRY MANAGEMENT

085878 442.9 AK17
Silvicultural bases for logging systems in lowland forests of western Siberia. (Rus) Talantsev, N K *Akad Nauk Sssr Sibirsk Otd Biol Inst Tr* 15: 10-19. 1972

085879 442.9 AK17
Age structure & productivity of pine forests in western Siberia. [Pinus, mensuration]. (Rus) Gabeev, V N *Akad Nauk Sssr Sibirsk Otd Biol Inst Tr* 15: 20-39. Ref. 1972

085880 442.9 AK17
Formation & productivity of young pines at various densities in pine forests of Ob region. [Pinus, mensuration]. (Rus) Kulikov, M I *Akad Nauk Sssr Sibirsk Otd Biol Inst Tr* 15: 40-51. Ref. 1972

085881 442.9 AK17
Problems in improving felling systems in forests of western Siberia. [Forest conservation, logging]. (Rus) Krylov, G V *Akad Nauk Sssr Sibirsk Otd Biol Inst Tr* 15: 5-9. 1972

085882 99.8 AL52
Troubles & problematic of forest policy in Denmark. (Ger) Helles, F *Allg Forstz* 28 (24/25): 583-584. June 23, 1973

085883 99.8 AL52
Forest policy from point of view of Danish forest owner. (Ger) Schaffalitzky, M *Allg Forstz* 28 (24/25): 585-586. June 23, 1973

085884 99.8 AL52
How state forest administration considers recreation needs of population. [Denmark]. (Ger) Vestergaard, J *Allg Forstz* 28 (24/25): 586-587. June 23, 1973

085885 99.8 AL52
On economy of eleven different wood species in Denmark. (Ger) Bruel, F T *Allg Forstz* 28 (24/25): 592-593. June 23, 1973

085886 99.8 AL52
On possibilities of a market oriented enterprise management in forest economy. (Ger) Ebert, H P *Allg Forstz* 28 (26): 607-609. June 30, 1973

085887 99.8 AL53
Forest policy side-lights. (Ger) Eckmullner, O *Allg Forstzeitung* 84 (5): 109-112. May 1973

085888 99.8 AL53
Payment & sale from raw wood stocks. (Ger) Grammel, R *Allg Forstzeitung* 84 (5): 113-115. May 1973

085889 99.8 AL53
On load capacity of rural road networks. [Forests]. (Ger) Sedlak, O *Allg Forstzeitung* 84 (5): 116-118. May 1973

085890 99.8 AL53
Modern supporting structure constructions for large spans in forest bridge building. (Ger) Wallergraber, H *Allg Forstzeitung* 84 (5): 118-119, 122. May 1973

085891 99.8 AU75
Results of location surveying in Lower Saxony Pleistocene lowland: Basis of forestry constructive leading performances. (Ger) Otto, H J *Aus Walde* 19, 191 P. Ref. 1972

085892 41.8 AV5
Studies of normal turkey sinus by scanning electron microscopy. [Mycoplasma gallisepticum]. Sanger, V L *Avian Dis* 17 (2): 283-294. Ref. Apr/June 1973

085893 SD1.B71
Introduction of a forest policy in Rio de Janeiro state. (Por) Barros, W D de *Bras Florestal* 4 (13): 43-48. Jan/Mar 1973

085894 SD1.B7
Inconsistences between theory of cutting regulation & its practical application in high shelterwood forest, & suggestions for their removal. (Cze) Dolezal, B *Brno Vys Sk Zemed Acta Sb Rada C Spisy Fak Lesn* 41 (1): 23-42. Ref. Eng. Sum. 1972

085895 SD1.B7
Some results with conversions of beech stands from clearcutting into shelterwood up to selection methods of management. (Cze) Polansky, B *Brno Vys Sk Zemed Acta Sb Rada C Spisy Fak Lesn* 41 (1): 43-61. Eng. Sum. 1972

085896 SD1.B7
Theoretical basis of a system of socio-economic data in forestry. (Cze) Tesar, S *Brno Vys Sk Zemed Acta Sb Rada C Spisy Fak Lesn* 41 (1): 77-82. Eng. Sum. 1972

085897 SD1.B7
Inquiries – a prerequisite for due management in forests subjected to effects of abundant recreationists. (Cze) Bergl, J *Brno Vys Sk Zemed Acta Sb Rada C Spisy Fak Lesn* 41 (2): 151-161. Ref. Eng. Sum. 1972

085898 SD1.B7
Effects of some natural factors on level sales & yields. (Ger) Bartunek, J *Brno Vys Sk Zemed Acta Sb Rada C Spisy Fak Lesn* 41 (2): 163-171. Eng. Sum. 1972

085899 SD1.B7
Some possibilities of using punched cards in recording data of trees marked for cutting. (Cze) Slama, O *Brno Vys Sk Zemed Acta Sb Rada C Spisy Fak Lesn* 41 (2): 173-183. Eng. Sum. 1972

085900 21.5 B87
Forest map & structure of forest fund. (Alb) Kubati, I *Bul Shkencave Bujqesore* 11 (4): 139-144. Eng. Sum. 1972

085901 99.9 C1628P
Yield of unthinned red pine plantations at Petawawa Forest Experiment Station. [Pinus resinosa]. Stiell, W M *Can Dep Forest Publ* 1320, 16 P. 1973

085902 99.8 EM72
Rate of growth of greenheart (Ocotea rodiaei) Schomb. Prince, A J *Commonwealth Forest Rev* 52 (2): 143-146. June 1973

085903 99.8 EM72
An instrument for measuring upper stem diameters in tropical hardwood forests. Nash, A J *Commonwealth Forest Rev* 52 (2): 147-152. June 1973

085904 24 EA74
Dynamic aspects of secondary vegetation in Arusha National Park, Tanzania. Vesey-Fitzgerald, D F *East Afr Agr Forest J* 38 (3): 314-327. Map. Jan 1973

085905 99.9 EH3
An utilization of portable tape recorder to a complete callimpering of stand. I. Research in sugi stand with comparativ ely small area. [Cryptomeria japonica]. (Jap) Yamamoto, T *Ehime Univ Coll Agr Forest Bull* 10: 33-39. Eng. Sum. Mar 1973

085906 99.9 EH3
On protection work for cutting slope of forest road in Ehime University Forest. III. (Jap) Fushimi, T *Ehime Univ Coll Agr Forest Bull* 10: 61-70. Mar 1973

085907 99.9 EH3
Methods of comparing value of factors of a timber stand with national average in Japan. (Jap) Watanabe, K *Ehime Univ Coll Agr Forest Bull* 10: 79-85. Mar 1973

085908 99.8 ER22
Timely problmes of forestry policy in Europe. (Hun) Haldasz, A *Erdo* 22 (4): 151-155. Apr 1973

085909 99.8 ER22
Welfare aspects in forest management, planning forests for recreational purposes. (Hun) Keresztesi, B *Erdo* 22 (4): 156-163. Eng. Sum. Apr 1973

085910 99.8 ER22
Investigations on labor productivity. [Forests]. (Hun) Varhelyi, I *Erdo* 22 (4): 164-168. Eng. Sum. Apr 1973

085911 99.8 ER22
Possibilities on increasing efficiency wood growing. (Hun) Marjai, Z *Erdo* 22 (4): 169-175. Eng. Sum. Apr 1973

085912 99.8 ER22
Some remarks about development of forestry machinery repair stations. (Hun) Barcsay, L *Erdo* 22 (5): 199-205. Eng. Sum. May 1973

085913 99.8 F7623
A simple bole model. [Forest mensuration]. Ormerod, D W *Forest Chron* 49 (2): 136-138. June 1973

085914 99.8 F7632
Goal programming for forest management. Field, D B *Forest Sci* 19 (2): 125-135. Ref. June 1973

085915 99.8 F7632
Quantifying diameter distributions with Weibull function. [Forest mensuration]. Bailey, R L *Forest Sci* 19 (2): 97-104. Ref. June 1973

085916 99.8 F7724
Road maintenance on plain in areas close to ground water. [Forest roads]. (Ger) Arnold, K D *Forst-holzwirt* 28 (11): 213-215. June 10 1973

085917 99.8 F7724
Photogrammetry in mapping & forest inventory in Turkish forest administration-Development & present situation. (Ger) Tokmanoglu, T *Forst-holzwirt* 28 (11): 218-220. Ref. June 10, 1973

085918 99.8 F7724
Actions in forest policy to control land use in Patagonia [Argentina]. (Ger) Ammer, U *Forst-holzwirt* 28 (11): 220-221. June 10, 1973

085919 99.8 F7724
Forest & recreation. (Ger) Bruckner, H *Forst-holzwirt* 28 (9): 162-165. Ref. May 10, 1973

085920 99.8 F7723
Growth of Pinsu radiata in southern Chile. (Ger) Schmaltz, J *Forstarchiv* 44 (6): 123-128. Map. Ref. Eng. Sum. June 1973

085921 99.8 F7794
Comparison of different filter methods in technical & economical consideration. [Forestry, costs]. (Ger) Waldschmidt, M *Forsttech Inform* 25 (6): 41-47. June 1973

085922 99.8 F775
Fundamentals in decision making for investments to render forests accessible. [Roads]. (Ger) Kroth, W *Forstwiss Centralbl* 92 (3): 132-151. Ref. Eng. Sum. June 1973

085923 HC603.5.S5
Development of forest policy in Australia. Jacobs, M R *In The Natural Resources of Australia* P. 244-260. Ref. 1972

085924 99.8 IN2
Population dynamics of forest stands – an algebraic formulation. VI. Seth, S K *Indian Forest* 99 (6): 323-336. June 1973

085925 41.8 IN22
Studies on Salmonella bacteriophages. Kaliannan, K *Indian J Anim Sci* 42 (10): 803-808. Oct 1972

085926 99.9 EA72R
Preliminary volume table for Pterospermum javanicum Jaungh. (Ind) Sumarna, K *Indonesia Lembaga Pusat Penjelidikan Kehutanan Laporan* 160, 11 P. Eng. Sum. 1973

085927 99.8 IT12
New British tables for forest management. (Ita) Hellrigl, B *Ital Forest Mont* 27 (6): 228-238. Nov/Dec 1972

085928 99.8 IT12
New trends in forests management in France. (Ita) Bernetti, G *Ital Forest Mont* 28 (1): 13-19. Ref. Jan/Feb 1973

085929 99.8 IT12
Forests in northern Iran along coast of Caspian sea. (Ita) Mossadegh, A *Ital Forest Mont* 28 (1): 27-29. Jan/Feb 1973

085930 99.8 IT12
Dendrometric research on silver fir of high plateau Asiago. [Abies alba]. (Ita) Benassi, L *Ital Forest Mont* 28 (1): 8-12. Jan/Feb 1973

085931 S671.J62
Review of research & developments in seed-cum-fertilizer drills in India & aresa for further work. Chauhan, A M *J Agric Eng* 9 (3): 31-43. Ref. Sept 1972

085932 99.8 R47
Growth & production structure of Acacia mollissima Willd. in minamata experimental stand. (Jap) Ogata, N *Jap Forest Exp Sta Bull* 252 (161-170. Eng. Sum. Mar 1973

085933 99.8 R47
Growth & primary productivity of kobanoyamahannoki (alnus inokumai Murai et Kusaka) stands at Mamurogawa experimental forest plot. (Jap) Kato, R *Jap Forest Exp Sta Bull* 252: 135-147. Eng. Sum. Mar 1973

085934 99.8 R47
Growth & production structure of Acacia mollissima Willd . & Acacia dealbata Link in Saijo experimental stand. (Jap) Ando, T *Jap Forest Exp Sta Bull* 252: 149-159. Ref. Eng. Sum. Mar 1973

085935 99.8 N62
On decision of profile line of forest road by dynamic programming. (Jap) Kanzaki, K *Jap Forest Soc J* 55 (4): 144-148. Apr 1973

085936 99.8 J32
Top height site-index curves for Pinus stands. (Lav) Matuzanis, J *Jaunakais Mezsaimnieciba* 15: 71-74. Ref. Eng. Sum. 1973

085937 99.8 J32
Possibilities in choosing an optimal thinning program. [Picea abies]. (Lav) Klavins, V *Jaunakais Mezsaimnieciba* 15: 75-82. Ref. Eng. Sum. 1973

085938 99.8 K99
Managing forest land for recreational use by visible points analysis of its visitors: a case study of Fukuoka Recreati on Forest. (Jap) Aoki, T *Kyushu Univ Res Inst Univ Forests Bull Kyushu Univ Forests* 47: 165-181. Eng. Sum. Mar 1973

085939 99.8 K99
Development of afforestation work by public agency & differentiation of peasantry in mountainous communities, Istuki & Gokanosho, Kumamoto prefecture. (Jap) Sakai, M *Kyushu Univ Res Inst Univ Forests Bull Kyushu Univ Forests* 47: 183-211. Eng. Sum. Mar 1973

085940 99.8 L5632
Protection of exotic timber species in Slovakia. (Slo) Hrubik, P *Les (Bratislava)* 29 (4): 162-164. 1973

085941 99.8 L5632
Further application of rationalization in labor & improvement of system of remuneration. [Forestry]. (Slo) Gajdos, J *Les (Bratislava)* 29 (5): 193-196. May 1973

085942 99.8 L5632
Spa & recreational forests & problems of forest operation connected with them. (Slo) Kramec, Z *Les (Bratislava)* 29 (5): 199-201. May 1973

085943 99.8 L569
On problem of road construction in flysh area. [Forests]. (Slo) Marko, J *Lesn Cas* 19 (1): 11-22. Eng. Sum. 1973

085944 99.8 L56
Optimization of tree species composition from from biological & economic points of view. (Cze) Pliva, K *Lesnicka Prace* 52 (3): 109-114. Eng. Sum. 1973

085945 99.8 M662
Cloquet Forestry Center forest stand structure & growth estimates derived from permanetn plots & a multiple random start sampling design. Hatch, C R *Minn Forest Res Notes* 242, 4 P. Apr 15, 1973

085946 99.81 N812
Estimating timber volumes without equipment. Wiant, H V *N Logger Timber Processer* 22 (1): 24. July 1973

085947 500 N484
Forests & timber processing. Bolle, A *N Y Acad Sci Ann* 216: 111-120. May 18, 1973

085948 99.8 N28
Landscape & forest. 1. (Dut) Vallen, J *Ned Bosbouw Tijdschr* 45 (4): 113-121. Apr 1973

085949 99.8 N28
Influence of tree species on organization & financial relief of a wooded area and – what is an established forest? (Dut) Goosen, M G *Ned Bosbouw Tijdschr* 45 (4): 122-138. Apr 1973

085950 99.8 N815
Beech production & management in Tyskland. [Fagus]. (Nor) Borset, O *Norsk Skogbruk* 19 (2): 53-54. Feb 1973

085951 99.8 N815
A new table for evaluating volume of stands. (Nor) Fitje, A *Norsk Skogbruk* 19 (5): 131-133. Apr 1973

085952 99.8 N815
Investment activities depend on wood volume of farm forest, 1971.2. (Nor) Andersen, F G *Norsk Skogbruk* 19 (6): 158-160. Apr 1973

085953 99.8 N815
Can we obtain optimum forestry? (Nor) Vaskinn, J A *Norsk Skogbruk* 19 (6): 161-162. Apr 1973

085954 99.8 N815
Grytdalen National Park. (Nor) Bergendahl, D S *Norsk Skogbruk* 19 (6): 164. Apr 1973

085955 279.8 OC32
Forest & forest economy problems of Soviet Union in relation to environment. (Cze) Krecmer, V *Ochr Prir* 28 (2): 30-34. Eng. Sum. 1973

085956 78.8 P69
Conservation in Malaysia. VII. Seven – national parks & nature reserves. Wycherley, P R *Planter* 49 (565): 152-163. Apr 1973

085957 99.82 P95
Problems of coordinating activity & development of forestry & forest industries. (Pol) Przyborski, Z *Przem Drzewny* 24 (2): 1-4. Eng. Sum. Feb 1973

085958 99.8 R329
Tables of production for common spruce & Douglas in west part of Massif-Central. (Fre) Decourt, N *Rev Forest Franc* 2: 99-104. Eng. Sum. Mar/Apr 1973

085959 99.8 R327
Some economic considerations referring to utilization by afforestations of former bed of Bistrita river. (Rum) Voinea, V *Rev Padurilor* 88 (1): 25-28. Jan 1973

085960 99.8 R327
High edaphic limit of forest. (Rum) Geanana, M *Rev Padurilor* 88 (1): 39-40. Jan 1973

085961 99.8 R327
Present problems & tasks in domain of forest management drawing up & application. (Rum) Tomulescu, F *Rev Padurilor* 88 (1): 4-11. Eng. Sum. Jan 1973

085962 99.8 R327
Ecosystemic conception in high naturalistic substantiation of modern management. [Forestry]. (Rum) Chirita, C D *Rev Padurilor* 88 (4): 189-197. Eng. Sum. Apr 1973

085963 99.8 R327
Alson on biometrical relations for automatic drawing up of forest management. (Rum) Giurgiu, V *Rev Padurilor* 88 (4): 212-216. Ref. Eng. Sum. Apr 1973

085964 99.8 R327
Some more efficient measures ensuring normal working conditions & accidents avoiding. (Rum) Legun, N *Rev Padurilor* 88 (4): 219-220. Apr 1973

085965 99.8 R327
Village forest a component of local economy. (Rum) Plostinaru, G *Rev Padurilor* 88 (4): 221-222. Apr 1973

085966 99.8 R473
Basic policies of forest administration & budget for fiscal year of 1973. (Jap) Matsugata, S *Ringyo Gijitsu* 4: 1-5. Apr 1973

085967 99.8 R473
Operations of Japanese oak timber forests. [Quercus crispula]. (Jap) Imata, M *Ringyo Gijitsu* 4: 15-19. Apr 1973

085968 99.8 R473
Comments on multiple functions & allaround development of Japanese national forests. (Jap) Imamura, K *Ringyo Gijitsu* 4: 6-9. Apr 1973

085969 99.9 SA7B
Land capability classification for forestry in Saskatchewan. Kabzems, A *Saskatchewan Forest Br Tech Bull* 6, 57 P. Map. Ref. Mar 1972

085970 99.9 SE6
Preparation of a stem volume table for standing tree of Japanese larch in Kangwon province. [Larix]. (Kor) Lee, C K *Seoul (Korea) Forest Res Inst Res Rep* 19: 29-42. Ref. Eng. Sum. Nov 1972

085971 99.9 SE6
A study on yield & growth of Japanese larch stand in Kang-won region. [Larix]. (Kor) Lee, H K *Seoul (Korea) Forest Res Inst Res Rep* 19: 9-28. Ref. Eng. Sum. Nov 1972

085972 99.8 SK59
Forest owners attitude toward trend in forest development. (Swe) Hahtola, K *Skogsbruket* 43 (4): 86-91. Apr 1973

085973 99.8 W143
Progress & further tasks by using electronic data processing in field of keeping of accounts & statistics. [Forest management]. (Ger) Luther, R *Sozialistische Forstwirtsch* 23 (3): 78-79, 95. Mar 1973

085974 99.8 W143
Social hygienic problems by planning recreation forests. (Ger) Haupt, R *Sozialistische Forstwirtsch* 23 (3): 85-87. Mar 1973

085975 99.8 W143
Experiences of State Forest Ballenstedt concerning group of workers' planning & account. (Ger) Wendelberger, H *Sozialistische Forstwirtsch* 23 (4): 107, 110. Apr 1973

085976 99.8 SU6
Results of early growth & increment of five coniferous species in forest district of 'Tocak'. (Cro) Vanjkovic, S *Sumarski List* 97 (1/2): 39-44. Eng. Sum. Jan/Feb 1973

085977 99.8 SU6
Another contribution to a knowledge of Carpinus form factor. (Cro) Spiranec, M *Sumarski List* 97 (1/2): 45-52. Ref. Eng. Sum. Jan/Feb 1973

085978 99.8 SU6
On formation of a special forest-economic region on rocky soil in Bosnia & Hercegovina. (Cro) Curic, R *Sumarski List* 97 (1/2): 53-54. Jan/Feb 1973

085979 99.8 SU6
Problem of more efficient improvement cutting in stand. (Cro) Jovanovic, S *Sumarski List* 97 (1/2): 9-21. Ref. Eng. Sum. Jan/Feb 1973

085980 9.6 SU7
Influence of mechanical clearing of forest on some physical & chemical soil properties. Weert, R van der *Surinaamse Landbouw* 20 (3): 2-14. 1972

085981 99.8 SY52
Preliminary forecast of land use from standpoint of forestry & protection of natural environment. (Pol) Partyka, T *Sylwan* 117 (3): 1-15. Map. Ref. Eng. Sum. Mar 1973

085982 99.8 SY52
Forest utilization & intensification of forest economy. (Pol) Scioch, S *Sylwan* 117 (3): 67-71. Mar 1973

085983 100 T31M
Tables for estimating cubic foot volume & fresh weight of planted slash pine. [Pinus elliottii]. Moehring, D M *Tex Agr Exp Sta Mp-* 1079, 31 P. Mar 1973

085984 A99.9 F7622U
A preview of New Jersey's forest resource. Barnard, J E *U S Forest Serv Res Note NE* 177, 3 P. 1973

085985 A99.9 F764U
An inventory design using stand examinations for planning & programing timber management. Stage, A R *U S Forest Serv Res Pap Int* 126, 17 P. May 1972

085986 A99.9 F7625UNI
Relationship of log production in Oregon & Washington to economic conditions. Wall, B R *U S Forest Serv Res Pap Pnw* 147, 13 P. 1972

085987 A99.9 F7625UNI
An operations research approach to Douglas-fir thinning. [Pseudotsuga menziesii]. Randall, R M *U S Forest Serv Res Pap Pnw* 148, 23 P. Ref. 1972

085988 18 UB3
Is there still money in farm woodland? (Ger) Mann, H J *Ubersicht* 24 (5): 371-375. May 12, 1973

085989 18 UB3
Is there still money in farm woodland? iI. Christmas tree & decorative materials from special cultures. (Ger) Mann, H J *Ubersicht* 24 (6): 453-456. June 9, 1973

085990 474 UM7
Role of forest in industrialized society. (Ger) Hasel, K *Umschau* 73 (13): 400-402. Eng. Sum. July 1, 1973

085991 20 AK1
Analysis of accuracy of determining stand density by average distance between trees. [Forest measurement]. (Rus) Anuchin, N P *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 5: 38-41. May 1973

085992 99.8 W14
Forest & wildelife. 2. (Ger) Eiberle, K *Wald Holz* 54 (7): 322-326. 1973

085993 99.8 W14
Astab – an equipment for mechanical pruning & debarking from Germany. [German Federal Republic]. (Ger) Hofle, H H *Wald Holz* 54 (9): 401-404. 1972/1973

085994 99.8 W145
Thoughts on forest hygiene from forest policy view. (Ger) Kopp, H *Waldhygiene* 9 (5/8): 209-211. 1972

085995 99.82 W856
Where will wood come from? 3. Our national forests under siege? *Wood Wood Prod* 78 (7): 26-28. July 1973

SILVICULTURE

085996 QH431.G44
Viviparousness in Pinus heldreichii Christ. Tucovic, A *Acta Biol Iugosl Ser F Genet* 4 (2): 193-200. 1972

085997 QH431.G44
Preliminary results of early provenance tests of walnut (Juglans regia L.) in Yugoslavia. (Cro) Tucovic, A *Acta Biol Iugosl Ser F Genet* 4 (2): 229-244. Map. Ref. Eng. Sum. 1972

085998 442.9 AK17
Some problems in planting trees in inhabited areas of western Siberia. (Rus) Priazhnikov, A N *Akad Nauk Sssr Sibirsk Otd Biol Inst Tr* 15: 140-150. Ref. 1972

085999 442.9 AK17
Features of pine renewal in north-taiga logging areas beyound Urals. [Pinus, regeneration]. (Rus) Boichenko, A M *Akad Nauk Sssr Sibirsk Otd Biol Inst Tr* 15: 52-58. Ref. 1972

086000 99.8 AL52
Future development of beech economy. [Fagus Denmark]. (Ger) Holmsgaard, E *Allg Forstz* 28 (24/25): 589. June 23, 1973

086001 99.8 AL52
Wasteland afforestation in Denmark. (Ger) Henriksen, H A *Allg Forstz* 28 (24/25): 590-591. June 23, 1973

086002 99.8 AL52
Green bands & Christmas trees. (Ger) Johansen, V *Allg Forstz* 28 (24/25): 594-596. June 23, 1973

086003 99.8 AL53
On Austrian pine (Pinus nigra) in Lower Austria. (Ger) Jelem, H *Allg Forstzeitung* 84 (5): 123-125. Map. May 1973

086004 61.9 AS7
Laboratory germination testing of American sycamore. [Platanus occidentalis]. Bonner, F T *Ass Off Seed Anal Proc* 62: 84-87. 1972

086005 61.9 AS7
Laboratory germination of sweetgum at high temperatures. [Liquidambar styraciflua]. Baker, G S *Ass Off Seed Anal Proc* 62: 88-90. 1972

086006 SD1.B71
More than 500 wood producing tree species in Amazon region. (Por) Melo, E C *Bras Florestal* 4 (13): 33-34. Jan/Mar 1973

086007 SD1.B71
Biology of growth of contemporary pure forest stands & inference of thinning. (Por) Gurgel Filho, O A *Bras Florestal* 4 (13): 37-42. Jan/Mar 1973

086008 SD1.B7
Some results with conversions of beech stands from clearcutting into shelterwood up to selection methods of management. (Cze) Polansky, B *Brno Vys Sk Zemed Acta Sb Rada C Spisy Fak Lesn* 41 (1): 43-61. Eng. Sum. 1972

086009 99.9 C1694
Gene preservation by means of a tree improvement program. Zobel, B *Can Comm Forest Tree Breeding Proc* P. 13-173 1973

086010 99.9 C1694
Conservation of forest tree gene resources in Canada: an ecological perspective. Maini, J S *Can Comm Forest Tree Breeding Proc* P. 13-50. Ref. 1973

086011 99.9 C1694
Gene conservation in relation to forestry practice. Yeatman, C W *Can Comm Forest Tree Breeding Proc* P. 19-24. 1973

086012 99.9 C1694
Role of forest tree seed storage in gene conservation. Wang, B S P *Can Comm Forest Tree Breeding Proc* P. 25-29. Ref. 1973

086013 99.9 C1694
Resource gene pools & their conservation. [Tree genetics]. Rejhathy, T *Can Comm Forest Tree Breeding Proc* P. 3-11. 1973

086014 99.9 C1628P
Guide to identification of poplar cultivars on prairies. Roller, K J *Can Dep Forest Publ* 1311, 55 P. 1972

086015 99.9 C1628P
Development of unthinned white spruce plantations to age 50 at Petawawa Forest Experiment Station. [Picea glauca]. Stiell, W M *Can Dep Forest Publ* 1317, 18 P. 1973

086016 99.8 D263
Technical pruning of forest trees with a new type of saw. (Gre) Euthymios, P *Dassika Chron* 172/173: 20-21. Feb/Mar 1973

086017 104 D41A
On transmission of age changes in woody plants by vegetative propagation; preliminary report. [Coniferae]. Olesen, P O *Denmark Vet-landbohojsk Arsskr* 226: 64-70. Ref. 1973

086018 99.8 ER22
Production of Populus x euramericana propagating material in central Hungary. (Hun) Banadics, I *Erdo* 22 (4): 187-188. Apr 1973

086019 99.8 ER22
Thinning of Pinus plantation on southern part of Hungarian Plain & problems connected with it. (Hun) Beliczay, I *Erdo* 22 (5): 193-198. May 1973

086020 99.8 ER22
Complex protection of propagating material & plantation with poplars. (Hun) Gergacz, J *Erdo* 22 (5): 222-226. Eng. Sum. May 1973

086021 99.8 ER2
Healthy seed, succesful growing of spruce seedlings. [picea]. (Hun) Hangyal, T *Erdogazdasag Faipar* 4: 13-14. Apr 1973

086022 SF1.A4
Effect of fire on grassland in the Alberta aspen parkland. [Canada]. Anderson, M L *Feeders' Day Dep Anim Sci Univ Alberta* 51St: 47-49. June 1972

086023 99.8 F7623
Root & top pruning of white spruce at time of planting. Mullin, R E *Forest Chron* 49 (2): 134-135. June 1973

086024 99.8 F7632
Genotype-environment interaction in North Central United States. [Forests]. Wright, J W *Forest Sci* 19 (2): 113-123. Ref. June 1973

086025 99.8 F7632
Bedding & fertilization influence on slash pine development in Florida Sandhills. [Pinus elliotii]. Baker, J B *Forest Sci* 19 (2): 134-138. June 1973

086026 99.8 F7632
Allelopathic relationship between yellow birch & sugar maple seedlings. [Betula alleghaniensis, Acer saccharum]. Tubbs, C H *Forest Sci* 19 (2): 139-145. Ref. June 1973

086027 99.8 F7724
Proveniance problem meziesii. (Ger) Kleinschmit, J *Forst-holzwirt* 28 (11): 209-213. Ref. June 10, 1973

086028 99.8 F7723
Control of heterogeneity & density in natural regeneration by means of zero-plot diagram. [Forest]. (Ger) Loetsch, F *Forstarchiv* 44 (4): 77-83. Eng. Sum. Apr 1973

086029 99.8 F775
Acacia cyanophylla as subsidiary plant for Pinus pinea afforestation on coastal area of Anatolia. (Ger) Zech, W *Forstwiss Centralbl* 92 (3): 111-119. Eng. Sum. June 1973

086030 99.8 F775
Interpretation of factor structures with help of targeted experiments. [Picea abies]. (Ger) Sterba, H *Forstwiss Centralbl* 92 (3): 120-132. Ref. Eng. Sum. June 1973

086031 99.8 IN2
Pinus patula Schl. & Cham. – its problems & prospects in West Bengal. Ghosh, R C *Indian Forest* 99 (6): 337-348. Ref. June 1973

086032 99.8 IN2
Production of seed from tapped & untapped trees in chir pine (Pinus roxburghii, Sarg.). Lohani, D N *Indian Forest* 99 (6): 359-366. June 1973

086033 99.8 IT12
Culture of forest nursery materials. (Ita) Yli-Vakkuri, P *Ital Forest Mont* 27 (6): 213-219. Nov/Dec 1972

086034 410 J828
Effects of cultivation treatment on water potential & soil aeration in wet heathland with special reference to afforestation. [Pinus sylvestris]. Read, D J *J Appl Ecol* 10 (2): 479-487. Aug 1973

086035 99.8 R47
Segration of mutant forms from sugi plus tree clones, Cryptomeria japonica D. don. [Breeding]. (Jap) Ohba, K *Jap For est Exp Sta Bull* 250: 53-76. Ref. Eng. Sum. Jan 1973

086036 99.8 N62
Studies on method make use of automatic mist spray installation to raise cultivated cuttings. III. relations between amounts of water spray & soils in cuttings bed, & rooting of cuttings from sugi (Cryptomeria japonica D. Don) clone in t (Jap) Suzuki, T *Jap Forest Soc J* 55 (3): 112-115. Mar 1973

086037 99.8 J32
Experiment in gorwing Pinus sylvestris L. Seedlings by spraying nutrient solutions. (Lav) Buss, M *Jaunakais Mezsaimnieciba* 15: 21-26. Ref. 1973

086038 99.8 J32
Effect of phenotype selection on height an Picea abies L (karst.). (Lav) Rone, V *Jaunakais Mezsaimnieciba* 15: 3-6. 1973

086039 99.8 J32
Forest selection, seed farming & growing of planting material in German Democratic Republic. (Lav) Igaunis, G *Jaunakais Mezsaimnieciba* 15: 83-96. Eng. Sum. 1973

086040 99.8 K99
On practice results during twenty years of clear-cutting in alternate blocks system. [Silvilculture]. (Jap) Kakihara, M *Kyushu Univ Res Inst Univ Forests Bull Kyushu Univ Forests* 47: 125-145. Eng. Sum. Mar 1973

086041 99.8 K99
Approach to intensive culture & forest tree breeding of Cryptomeria in Japan. Miyajima, H *Kyushu Univ Res Inst Univ Forests Bull Kyushu Univ Forests* 47: 13-20. Ref. Mar 1973

086042 99.8 K99
Foundation & application of clear-cutting in tongue form blocks surrounded by cell wall system. [Forest road]. (Jap) Imada, M *Kyushu Univ Res Inst Univ Forests Bull Kyushu Univ Forests* 47: 147-164. Eng. Sum. Mar 1973

086043 99.8 K99
Experimentaly statistical study of characteristics of sugi cultivars (Cryptomeria japonica D. Don) in Kyu (Jap) Kinashi, K *Kyushu Univ Res Inst Univ Forests Bull Kyushu Univ Forests* 47: 21-76. Ref. Eng. Sum. Mar 1973

086044 99.8 L5632
Increase of production in pine monocultures. (Slo) Medricky, J *Les (Bratislava)* 29 (4): 155-158. 1973

086045 99.8 L569
Judgement of mechanical trimming of trees from viewpoint of physical load. (Slo) Starek, E *Lesn Cas* 19 (1): 39-46. Ref. Eng. Sum. 1973

086046 18 N39
Limits of silviculture. (Ger) Bredow-stechow, W *Mitt Deut Landwirt-ges* 88 (25): 714-716. June 21, 1973

086047 99.9 N475
Factors influencing occurrence of white cypress pine regeneration in New South Wales. [Callitris robusta]. Lacey, C J *N S W Forest Comm Tech Pap* 21, 17 P. Ref. 1972

086048 99.8 N28
Provenance trials of Pinus contorta in Netherlands. (Dut) Kriek, W *Ned Bosbouw Tijdschr* 45 (4): 141-153. Eng. Sum. Apr 1973

086049 99.8 N28
German and Dutch provenances of Scots pine in the Netherlands. [Pinus sylvestris]. (Dut) Kriek, W *Ned Bosbouw Tijdschr* 45 (4): 154-161. Eng. Sum. Apr 1973

086050 99.8 N28
Original research on Pinus divaricata in Netherlands. [Rhyacionia buoliana]. (Dut) Kriek, W *Ned Bosbouw Tijdschr* 45 (5): 163-168. Map. Ref. Eng. Sum. May 1973

086051 99.8 N815
Forestry with & without use of chemicals. [Pesticides, fertilizers]. (Nor) Kohmann, K *Norsk Skogbruk* 19 (6): 165-166. Apr 1973

086052 410 OI4
Stand structure & litter fall of a coppiced beech Fagus sylvatica & sweet chestnut Castanea sativa woodland. Anderson, J M *Oikos* 24 (1): 128-135. Ref. 1973

086053 99.8 P17
Eucalyptus camaldulensis, Dehn, provenance trials in West Pakistan. Hafeez, M *Pakistan J Forest* 22 (4): 407-416. Oct 1972

086054 99.8 P17
Afforestation & nursery techniques in turkey. Khan, F M *Pakistan J Forest* 22 (4): 436-445. Ref. Oct 1972

086055 99.8 P53
Estimates of genecological parameters for certain quantitative characters of Benguet pine. [Pinus insularis]. Sinues, B C *Philippine J Forest* 22 (1/4): 87-113. Ref. 1966/1970 (Pub. 1973)

086056 TC1.Q4
Sugar maple, a wealth. [Acer saccharum]. (Fre) Villeneuve, G O *Ressources* 4 (2): 9-12. Mar 1973

086057 99.8 R329
Cedar plantation of La Verne-Ragusse in Massif des Maures. [Cedrus]. (Fre) Toth, J *Rev Forest Franc* 2: 115-120. Map. Mar/Apr 1973

086058 99.8 R329
Plot '1214' 1962 of meadow of La Charriere a Jumelles (Maine-etLoire). [Populus, culture]. (Fre) Damas, C de *Rev Forest Franc* 2: 125-133. Mar/Apr 1973

086059 99.8 R329
Afforestation & turfing of mining dumps. (Fre) Douheret, J *Rev Forest Franc* 2: 153-162. Mar/Apr 1973

086060 99.8 R327
On extension of black pine cultivation in silvosteppe. [Pinus nigra]. (Rum) Grigore, R *Rev Padurilor* 88 (1): 16-17. Jan 1973

086061 99.8 R327
Silvotechnical aspects referring to softwoods extension within natural range of mountain beech stands in Paring Massif. (Rum) Tirziu, D *Rev Padurilor* 88 (1): 18-21. Eng. Sum. Jan 1973

086062 99.8 R327
On diversifying of intensive methods for producing softwood seedlings. (Rum) Vlaheli, I *Rev Padurilor* 88 (1): 22-24. Jan 1973

086063 99.8 R327
How to produce high-quality fir seedlings. [Abies]. (Rum) Sram, E *Rev Padurilor* 88 (1): 24-25. Jan 1973

086064 99.8 R327
Modern supports of information in silviculture. (Rum) Dissescu, R *Rev Padurilor* 88 (1): 41-48. Jan 1973

086065 99.8 R327
On rationalization of forest clearing & relieving operations. (Rum) Nitescu, C *Rev Padurilor* 88 (4): 206-208. Eng. Sum. Apr 1973

086066 99.8 R327
On necessity & procedures of tending operation carrying out in young Douglas fir stands. [Pseudotsuza menziesii]. (Rum) Liubimirescu, A *Rev Padurilor* 88 (4): 209-211. Eng. Sum. Apr 1973

086067 99.8 R327
General theory of systems & its application in silviculture. (Rum) Leahu, I *Rev Padurilor* 88 (4): 223-228. Ref. Apr 1973

086068 99.9 SCH92
Investigations on present conditions of forests in Switzerland as a base for silvicultural planning. (Ger) Ott, E *Schweiz Anst Forstl Versuchsw Mitt Mem* 48 (1): 191 P. Eng. Sum. 1972

086069 99.8 Z36
Spacing-gentoype interaction in Douglas-fir. [Pseudotsuga menziesii]. Campbell, R K *Silvae Genet* 22 (1/2): 15-20. Ref. 1973

086070 99.8 Z36
Frequency of seedlings from natural self-fertilization in coastal Douglas-fir. [Pseudotsuga menziesii]. Sorensen, F C *Silvae Genet* 22 (1/2): 20-24. Ref. 1973

086071 99.8 Z36
Genetic variation in Saghalien fir from different areas of Hokkaido. [Abies sachalinensis]. Okada, S *Silvae Genet* 22 (1/2): 24-29. Map. 1973

086072 99.8 Z36
Genetical structures of plant populations of finite constant size. I. Distribution of genotypes in populations represented as Markov chain. [Silviculture]. (Ger) Gregorius, H R *Silvae Genet* 22 (1/2): 30-33. Eng. Sum. 1973

086073 99.8 Z36
Genetical structures of plant populatons of finite constant size. II. Coefficients of relationship & inbreeding of plants on special places of stand. [Silviculture]. (Ger) Gregorius, H R *Silvae Genet* 22 (1/2): 33-36. Eng. Sum. 1973

086074 99.8 Z36
Assam & Burma ecotypes of Pinus kesiya flower differently in Zambia. Geary, T F *Silvae Genet* 22 (1/2): 36-37. Ref. 1973

086075 99.8 Z36
Inheritance & correlations of juvenile characteristics in loblolly Pine (Pinus taeda L.). Matziris, D I *Silvae Genet* 22 (1/2): 38-45. Ref. 1973

086076 99.8 Z36
Development of a large scale method for vegetative propagation of Norway spruce (Picea abies Karst.) by cuttings. (Ger) Kleinschmit, J *Silvae Genet* 22 (1/2): 4-15. Ref. Eng. Sum. 1973

086077 99.8 Z36
Stimulation of flowering. [Silviculture]. (Ger) Bleymuller, H *Silvae Genet* 22 (1/2): 45-50. Ref. 1973

086078 99.9 B83
Work group of field trials of National Poplar Commission. (Fre) Jamblinne de Meux, A de *Soc Roy Forest Belg Bull* 80 (3): 85-109. Mar 1973

086079 99.8 W143
Volume effect of hazelnut bush [Corylus avelliana] on conversion stands. (Ger) Schrotter, H *Sozialistische Forstwirtsch* 23 (3): 91-92. Mar 1973

086080 99.8 W143
Technological process of thinning stands of spruce basing upon branching machine EA35 within State Forest Marienberg. (Ger) May, R *Sozialistische Forstwirtsch* 23 (4): 110-111, 114. Apr 1973

086081 99.8 W143
Technological process of thinning stands of pine basing upon branching machine EA35 according to results of tests within State Forest Bautzen. [Pinus]. (Ger) Krause, A *Sozialistische Forstwirtsch* 23 (4): 114-115. Apr 1973

086082 99.8 W143
Experiences by use of Kyritz calliper in State Forest in Kyritz consultation. (Ger) Hirche, M *Sozialistische Forstwirtsch* 23 (4): 116-118. Apr 1973

086083 99.8 W143
Test results with regard to cultivation & planting of pines according to NISULA-peat-roll-method. (Ger) Mrazek, F *Sozialistische Forstwirtsch* 23 (4): 121-122. Apr 1973

086084 99.8 W143
Siberian pine, cedar of Siberia. [Pinus]. (Ger) Stubbe, C *Sozialistische Forstwirtsch* 23 (4): 123-124. Apr 1973

086085 156.2 SP33
Pocket gophers & reforestation in pacific northwest: a problem analysis. Barnes, V G *U S Fish Wildl Serv Spec Sci Rep Wildl* 155, 18 P. Ref. 1973

086086 A99.9 F764UN
Estimation of survival & growth potentials of nursery stock by using a 'variable-moisture-stress-plot' technique. [Forest trees]. Boyd, R J *U S Forest Serv Res Note Int* 165, 8 P. Nov 1972

086087 A99.9 F7637N
Extraction & germination of kadam seed. [Anthocephalus chinensis]. Venator, C R *U S Forest Serv Res Note ITf* 2 P. Mar 1972

086088 A99.9 F7623UN
Seed losses reduced in Virginia pine cones by screen wire cages. [Pinus virginiana, pests, Tetyra bipunctata, Leptoglossus corculus]. Bramlett, D L *U S Forest Serv Res Note Se* 192, 4 P. Apr 1973

086089 A99.9 F7637
Hybrid mahogany recommended for planting in Virgin Islands. [Swietenia]. Geary, T F *U S Forest Serv Res Pap TF* 15, 4 P. Oct 1972

086090 41.8 V6494
Experimental basophilia in dogs, sheep & rabbits. (Cro) Begovic, S *Veterinaria (Sarajevo)* 21 (4): 447-458. Ref. Eng. Sum. 1972

086091 100 W52 (1)
Site factors & seeding methods affecting germination & survival of tree species direct-seeded on surface-minded areas. [Reforestation, Pinus, Robinia pseudoacacia]. Brown, J H *W Va Agr Exp Sta Bull* 620, 25 P. Ref. Mar 1973

FOREST INDUSTRIES

086092 280.8 AG82
Cooperative timber marketing. (Ger) Reumann, G *Agr Rundsch* 3: 4-6. June 1973

086093 99.8 AL52
Position & further developments of logging technique in Denmark. (Ger) Heding, N *Allg Forstz* 28 (24/25): 596-599. June 23, 1973

086094 99.8 AL52
Position & development of raw wood processing industry in Denmark. (Ger) Moltesen, P *Allg Forstz* 28 (24/25): 599-600. June 23, 1973

086095 99.8 AL52
Felling method on diminishing truck number in young spruce stands. (Ger) Brenoe, P T *Allg Forstz* 28 (24/25): 600-601. June 23, 1973

086096 99.8 AL52
Section market & segmenting of raw wood market. (Ger) Becker, M *Allg Forstz* 38 (26): 610-611, 614. June 30, 1973

086097 241.4 AP5
Structure, extractives & utilization of bark. Weiner, J *Appleton (Wis) Inst Pap Chem Bibliogr Ser* 191 (Suppl. 2), 121 P. 1973

086098 302.9 AP5
Wood as a raw material. Einspahr, D W *Appleton (Wis) Inst Pap Chem Exec Conf Proc* 37Th: 25-27. 1973

086099 302.9 AP5
Tissue culture in pulp & paper industry. Winton, L *Appleton (Wis) Inst Pap Chem Exec Conf Proc* 37Th: 68-78. 1973

086100 302.9 AP5
Wettability of cellulose film as affected by vapor-phase adsorption of amphipathic molecules. Ferris, J L *Appleton (Wis) Inst Pap Chem Exec Conf Proc* 37Th: 78-81. 1973

086101 302.9 AP5
Characterization of oxidized lignin by pyrolysis. Fleck, J A *Appleton (Wis) Inst Pap Chem Exec Conf Proc* 37Th: 81-88. 1973

086102 302.9 AP5
Normal corrdinate analysis: a study of molecular vibrations of large molecules. [Cellulose]. Watson, G M *Appleton (Wis) Inst Pap Chem Exec Conf Proc* 37Th: 88-95. 1973

086103 302.9 AP5
A study of mass distribution in turbulent tube flow. [Pulp]. Persinger, W H *Appleton (Wis) Inst Pap Chem Exec Conf Proc* 37Th: 95-100. 1973

086104 99.81 AU7
Light skyline systems. [Log transportation]. *Aust For Ind J* 39 (2): 17-23. (4 P.) Mar 1973

086105 99.81 AU7
Technical & economic factors in export of wood chips from Australia & Papua New Guinea. II. Higgins, H G *Aust For Ind J* 39 (2): 31-43. (7 P.) ref. Mar 1973

086106 99.81 AU7
Larger & more concentrated raw material base improves logging techniques. Lembke, C A *Aust For Ind J* 39 (2): 45-55. Mar 1973

086107 99.8 B632
Sea transportation of sawn tropical hardwoods. (Fre) Hansom, O P *Bois Forets Trop* 148: 53-70. Eng. Sum. Mar/Apr 1973

086108 41.8 V643
Action of five anthelmintics against Ostertagia circumcincta in lambs. Gibson, T E *Brit Vet J* Xxxvii-xxxix May/June 1973

086109 SD1.B7
Contribution to problem of branchiness in major commercial species. [Forest trees]. (Ger) Dejmal, J *Brno Vys Sk Zemed Acta Sb Rada C Spisy Fak Lesn* 41 (1): 3-22. Ref. Eng. Sum. 1972

086110 SD1.B7
A method of drafting timber transport plan. (Ger) Korinek, J *Brno Vys Sk Zemed Acta Sb Rada C Spisy Fak Lesn* 41 (1): 63-75. Ref. Eng. Sum. 1972

086111 300.9 B77B
A bibliography of organic solvent-based wood preservatives. Alliot, H *BWpa News Sheet (brit Wood Preserv Assoc)* 127: 1-11 ref. May 1973

086112 302.9 EN8
Utilization of paper pulp obtained from fibrous materials of municipal wastes. (Ita) Vecchi, E *Cell Carta* 24 (2): 19-28. Eng. Sum. Feb 1973

086113 302.9 EN8
Production of timber in Italy in year 1971. (Ita) De Carlo, G *Cell Carta* 24 (2): 3-17. Eng. Sum. Feb 1973

086114 302.9 EN8
Fiber raw material for paper industry: prospectives & development. (Ita) Renzi, B *Cell Carta* 24 (2): 46-51. Feb 1973

086115 QD321.C4
Investigations in field of supramolecular structure of cellulose. II. Sutdy of polydispersion & crystallinity in radiation-degraded celluloses. Simininonescu, C *Cellul Chem Technol* 7 (2): 153-169. Ref. Mar/Mar 1973

086116 QD321.C4
Behavior of holocellulose from Terminalia superba Engle et Doels wood in aqueous solutions of sugars. Nedelcheva, M *Cellul Chem Technol* 7 (2): 171-179. Ref. Mar/Apr 1973

086117 QD321.C4
Viscosity behaviour of low-yield grafted cellulose. Schurz, J *Cellul Chem Technol* 7 (2): 181-190. Mar/Apr 1973

086118 QD321.C4
Influence of temperature & humidity on mechanical behaviour of single pulp fibres grafted with polyacrylamide. De Ruvo, A *Cellul Chem Technol* 7 (2): 191-196. Mar/Apr 1973

086119 QD321.C4
Chelating polymers derived from cellulose & chitin. I. Formation of polymer complexes with metal ions. Koshijima, T *Cellul Chem Technol* 7 (2): 197-208. Mar/Apr 1973

086120 QD321.C4
Analysis of shrinkage, swelling, & twisting of pulp fibers. Gillis, P P *Cellul Chem Technol* 7 (2): 209-234. Ref. Mar/Apr 1973

086121 QD321.C4
Influence of biological age of spruce wood along diameter, of a stem of quality & cooking-rate of acetylation pulp. (Rus) Nepenin, IU N *Cellul Chem Technol* 7 (2): 235-241. Ref. Eng. Sum. Mar/Apr 1973

086122 QD321.C4
Study on bleachable sulphite pulps preparation out of Populus robusta wood. (Rus) Rutkovski, IA *Cellul Chem Technol* 7 (2): 243-253. Ref. Eng. Sum. Mar/Apr 1973

086123 QD321.C4
Pyrolysis of brominated wood. II. Differential thermal analysis. Basch, A *Cellul Chem Technol* 7 (2): 255-265. Ref. Mar/Apr 1973

086124 309.8 C334
Possibilities of solving some production problems by use of grinding accelerators. [Pulps]. (Rum) Dondas, V *Celuloza Hirtie* 22 (3): 107-112. Eng. Sum. Mar 1973

086125 309.8 C334
Concerning paper grade value of hornbeam wood (Carpinus betulus L.). II. Wood density, structure & anatomy. (Rum) Popescu, G *Celuloza Hirtie* 22 (3): 97-101. Ref. Eng. Sum. Mar 1973

086126 99.8 EM72
Better softwoods from existing forests. Brazier, J D *Commonwealth Forest Rev* 52 (2): 125-132. June 1973

086127 99.8 EM72
Eucalyptus grandis timber from plantations in Zambia. Hardie, A D K *Commonwealth Forest Rev* 52 (2): 153. Ref. June 1973

086128 99.8 EM72
Analysis of allocation of cross-cutting operations in th e processing system from tree to lumber consumer. Palm, R *Commonwealth Forest Rev* 52 (2): 168-176. June 1973

086129 99.8 D263
Greek forests & wood industries. (Gre) Papapanagietes, P *Dassika Chron* 172/173: 8-11. Feb/Mar 1973

086130 99.9 EH3
Pruning operation by tree pruning machine. III. characteristics required to silence noise. (Jap) Fushimi, T *Ehime Univ Coll Agr Forest Bull* 10: 1-8. Eng. Sum. Mar 1973

086131 99.9 EH3
Measured values of a electro-motor chainsaw handle's vibration & their changes by conditions of sawchain's tension. (Jap) Fushimi, T *Ehime Univ Coll Agr Forest Bull* 10: 9-18. Eng. Sum. Mar 1973

086132 TS1300.F3
Investigations on crosslinking of cellulose during thermal degradation by conductometric particle counting. (Ger) Philipp, B *Faserforsch & Textiltech* 24 (4): 143-146. Ref. Eng. Sum. Apr 1973

086133 99.8 R474
Mechanism for regulating price rise in timber under reorganization of its distribution. (Jap) Murashima, Y *Forest Econ* 26 (4): 1-7. Apr 1973

086134 99.81 W52
Structural lumber promisiing from 1/4-in southern pine venee r. Koch, P *Forest Indus* 100 (8): 34-35. July 1973

086135 99.81 W52
New frontiers are opening for nation's board producers. [Particleboard]. Maloney, T M *Forest Indus* 100 (8): 52-53. July 1973

086136 99.81 W52
Continuous moisture control in particleboard production. Arrington, R A *Forest Indus* 100 (8): 58-59. July 1973

086137 99.8 F7632
An econometric model of United States forest products industry. Adams, F G *Forest Sci* 19 (2): 82-96. Ref. June 1973

086138 99.8 F7628
Chipping headrig: a major invention of twentieth century. Koch, P *Forests People* 23 (2): 18-20, 36-37. Second Quarter 1973

086139 99.8 F7794
Radical change in bark removal. (Ger) Leinert, S *Forsttech Inform* 25 (3): 17-20. Mar 1973

086140 99.9 G299R
Economic analysis of changes in Georgia's forest industries. Rushner, A *Ga Forest Res Counc Rep* 32, 24 P. Jan 1973

086141 80 G1635
Central American timber harvest: Traditional methods. Fitch, C M *Gard J* 23 (3): 74-75. June 1973

086142 99.9 H464
Significance of wood in architecture. (Ger) Friedrichs, H *Hess Landesforstverwalt Mitt* 9: 15-18. 1972

086143 99.9 H464
Welcoming address on Wood Building Day in Eschwebe, June 26, 1971. [Fraxinus]. (Ger) Best, W *Hess Landesforstverwalt Mitt* 9: 5-7. 1972

086144 99.9 H464
Wood in building completion. (Ger) Fus, P *Hess Landesforstverwalt Mitt* 9: 59-68. 1972

086145 99.9 H464
Building regulations & wood utilization. (Ger) Horchler, A H *Hess Landesforstverwalt Mitt* 9: 69-76. 1972

086146 99.9 H464
Wood protection & treatment of surface area of wood in external utilization. (Ger) Reimann, G *Hess Landesforstverwalt Mitt* 9: 77-86. 1972

086147 99.9 H464
Tendencies of wood utilization. (Ger) Schulz, H *Hess Landesforstverwalt Mitt* 9: 8-14. Ref. 1972

086148 99.9 H464
Fire conditions of wood construction. (Ger) Kabelitz, E *Hess Landesforstverwalt Mitt* 9: 87-94. 1972

086149 99.9 AS12S
Production of plywood by use of New Guinean wood. (Jap) Ogura, T *Hokkaido Forest Prod Res Inst J* 4: 1-5. Eng. Sum. Apr 1973

086150 99.9 AS12S
Examinations on sawmilling of softwood. (Jap) Shimamoto, K *Hokkaido Forest Prod Res Inst J* 4: 12-16. Apr 1973

086151 99.9 AS12S
Qualities of glued laminated wood made from thinned Larix logs. Preliminary report. (Jap) Kurata, H *Hokkaido Forest Prod Res Inst J* 4: 6-8. Eng. Sum. Apr 1973

086152 99.9 AS12
Studies on handling process of wood fiber ground by refiner. (Jap) Takahashi, H *Hokkaido Forest Prod Res Inst Rep* 60, 106 P. Ref. Eng. Sum. Mar 1973

086153 99.81 H74
Investigations on convection drying of lumber at extremely high temperatures. II. Drying degrade, changes in sorption, colour & strength of pine sapwood & beechwood at drying temperatures from 110 to 180 degrees Centigrade (Ger) Schneider, A *Holz Roh Werkst* 31 (5): 198-206. Ref. Eng. Sum. May 1973

086154 99.81 H74
Measuring moduli of rigidity of solid wood by torsional vibration tests. (Ger) Becker, H F *Holz Roh Werkst* 31 (5): 207-210. Eng. Sum. May 1973

086155 99.81 H74
Production & properties of boards from spruce, pine & beech bark. (Ger) Volz, K R *Holz Roh Werkst* 31 (6): 221-229. Ref. Eng. Sum. June 1973

086156 99.81 H74
Effect of heat-pressure-treatments of semi-dry wood on its dimensional stability. (Ger) Burmester, A *Holz Roh Werkst* 31 (6): 237-243. Eng. Sum. June 1973

086157 99.81 H74
Studies on anatomical, physical & mechanical properties of Cilician fir wood (Abies cilicia Carr.). (Ger) Bozkurt, A Y *Holz Roh Werkst* 31 (6): 243-248. Ref. Eng. Sum. June 1973

086158 99.82 H742
Training engineers in automation techniques for wood industry. (Ger) Prang, G *Holzindustrie* 26 (2): 42-43. Feb 1973

086159 99.82 H742
Increasing economy of working tools [Wood]. (Ger) Berger, E *Holzindustrie* 26 (2): 47-50. Feb 1973

086160 99.82 H742
Goals, measures & methods of a complex utilization of wood. (Ger) Gotze, H *Holzindustrie* 26 (5): 129-133. May 1973

086161 99.82 H742
Mechanization of a deformation adjustment for sized closed veneer. (Ger) Blumauer, G *Holzindustrie* 26 (5): 134-139. May 1973

086162 99.82 H742
Rational formation of work process of sorting cut timber. (Ger) Turusev, V G *Holzindustrie* 26 (5): 139-140. May 1973

086163 99.82 H742
On building of internal-unit transport networks in timber sawing establishments. (Ger) Lovric, N *Holzindustrie* 26 (5): 141-142. May 1973

086164 99.82 H745
Varnishes & fire inhibiting paints for protection of wood surfaces. (Ger) Umbrecht, H *Holztechnik* 53 (5): 230-232. May 1973

086165 99.8 IN22T
Suitability indices of Indian timbers for industrial & engineering uses. Sekhar, A C *Indian Forest Rec New Ser Timber Mech* 2 (1): 62P. Ref. 1972

086166 99.8 IN2
Pulping qualities of Eucalyptus 'hybrid' grown in U.P. [Uttar Pradesh]. Guha, S R D *Indian Forest* 99 (6): 349-351. June 1973

086167 302.8 IN23
Some studies on high yield pulping of bamboo. IV. Pulp yield versus bleaching variability for bamboo pulp. Banthia, K M *Indian Pulp Pap* 27 (304): 57-59, 61-67. Sept/Oct 1972

086168 302.8 IN23
Rayon grade pulp from Indian hardwoods. VII. Processing of Boswellia serrata Roxb. (Salai). Pande, G C *Indian Pulp Pap* 27 (5/6): 9, 11-13. Nov/Dec 1972

086169 99.82 IN23
A simplified monographic computation of pneumatic operations utilized in wood industry. (Rum) Benche, V *Indus Lemnului* 24 (3): 102-109. Eng. Sum. 1973

086170 99.82 IN23
On automatic adjusting of fibreboards manufactured by wet method. (Rum) Borsos, N *Indus Lemnului* 24 (3): 109-113. 1973

086171 99.82 IN23
Industrial utilization of small-sized wood. (Rum) Legun, N *Indus Lemnului* 24 (3): 85-91. 1973

086172 99.82 IN23
On utilization of circular handsaws with reinforced teeth in woodworking industry. (Rum) Dogaru, V *Indus Lemnului* 24 (3): 96-99. Eng. Sum. 1973

086173 99.82 IN23
High frequency devices used in wood gluing technology. (Rum) Mihail, N *Indus Lemnului* 24 (3): 99-102. 1973

086174 99.8 IT12
Research on trunks of trees submerged in Rovine lake in basin of Gesso (Cuneo). [Acer platanoides]. (Ita) Corona, E *Ital Forest Mont* 28 (1): 1-7. Jan/Feb 1973

086175 SB951.A1J3
Guarantine of imported timbers in Japan. Otsuka, M *Jap Pestic Inf* 15: 11-15. Apr 1973

086176 99.9 J2793
Studies on weatherability of composite wood. I. A few changes of material property of lauan plywood by exterior exposure. [Dipterocarpaceae]. (Jap) Kaneda, H *Jap Wood Res Soc J* 19 (4): 157-164. Eng. Sum. Apr 1973

086177 99.9 J2793
Hydrogenolysis of protolignin. VII. Isolation of d,l-syringaresinol, biphenyl, & diarylpropane from hardwood lignin. [Fraxinus mandshurica]. Sudo, K I *Jap Wood Res Soc J* 19 (4): 165-169. Ref. Apr 1973

086178 99.9 J2793
Hydrogenolysis of protolignin. VIII. Isolation of a dimer with Cbeta-Cbeta [carbon] linkage & a biphenyl. [Picea jezoensis, wood]. (Jap) Matsukura, M *Jap Wood Res Soc J* 19 (4): 171-176. Ref. Eng. Sum. Apr 1973

086179 99.9 J2793
Degradation of lignin with metallic sodium in liquid ammonia. V. Examinations on some model compounds. 2. Yamaguchi, A *Jap Wood Res Soc J* 19 (4): 177-183. Ref. Apr 1973

086180 99.9 J2793
Degradation of lignin with metallic sodium in liquid ammonia. VI. Components in ether soluble fraction. [Picea jexoensis, wood]. Yamaguchi, A *Jap Wood Res Soc J* 19 (4): 185-193. Ref. Apr 1973

086181 99.9 J2793
On aminobenzenesulfonate lignin. I. relation of functional groups & water-solubility of amimobenzenesulfonate lignin. [Fagus]. (Jap) Kuroda, K I *Jap Wood Res Soc J* 19 (4): 195-199. Ref. Eng. Sum. Apr 1973

086182 99.9 J2793
Research on problems of kiln drying of wood. (Jap) Terazawa, S *Jap Wood Res Soc J* 19 (5): 207-213. Ref. 1973

086183 99.9 J2793
Studies on weatherability of composite woods. II. An observation of surface deterioration of lauan plywood by exterior exposure. [Dipterocarpaceae]. (Jap) Kaneda, H *Jap Wood Res Soc J* 19 (5): 215-220. Eng. Sum. 1973

086184 99.9 J2793
Spring back of hot pressed wood in humidification & water-soaking tests. (Jap) Saito, F *Jap Wood Res Soc J* 19 (5): 221-226. Eng. Sum. 1973

086185 99.9 J2793
Studies on assembled body of wood in transverse compression. II. Distribution of strain by using photoelastic coating technique. (Jap) Wang, S Y *Jap Wood Res Soc J* 19 (5): 227-231. Eng. Sum. 1973

086186 99.9 J2793
Viscoelastic properties of wood in swelling systems. I. Viscoelastic properties of wood swollen with formamide. Sadoh, T *Jap Wood Res Soc J* 19 (5): 233-239. Ref. 1973

086187 99.9 J2793
Interaction of wood with organic solvents. IV. Some additional characterizations of woods acetylated after pretreatments with organic solvents. Shiraishi, N *Jap Wood Res Soc J* 19 (5): 241-249. Ref. 1973

086188 99.8 J32
Variability of resin production in pine stands (Pinus sylvestris L.). (Lav) Baumanis, I *Jaunakais Mezsaimnieciba* 15: 15-19. Eng. Sum. 1973

086189 99.8 K99
Studies on strength properties of SIS hardboard. 1. Effect of mesh number of wire netting & hot pressing time. (Jap) Ota, M *Kyushu Univ Res Inst Univ Forests Bull Kyushu Univ Forests* 47: 2950300. Mar 1973

086190 99.8 K99
Studies on strength properties of SIS hardboard. 2. On effectiveness of prepressing. (Jap) Ota, M *Kyushu Univ Res Inst Univ Forests Bull Kyushu Univ Forests* 47: 301-309. Eng. Sum. Mar 1973

086191 99.8 K99
On raltion between mechanical defibrate conditon & properties of SIS hardboard manufactured from various hardwoods of Kyushu District. (Jap) Ota, M *Kyushu Univ Res Inst Univ Forests Bull Kyushu Univ Forests* 47: 311-317. Eng. Sum. Mar 1973

086192 99.8 L5632
Cableways & cableway operators at forest enterprise Banska Bystrica. [Czechoslovakia]. (Slo) Michelik, J *Les (Bratislava)* 29 (5): 218-224. May 1973

086193 58.8 D81
Machinery & equipment in road building. [Forest roads]. (Ger) Burger, D W *Lohnunternehmen LandForstwirtsch* 28 (5): 156, 159-162. May 1973

086194 SD1.M6
Sixty years' stumpage prices of softwood timber on upland of Asiago. (Ita) Arveda, A *Monti Boschi* 23 (6): 27-37. Eng. Sum. Nov/Dec 1972

086195 99.81 N812
Timber harvest – a deer's best friend. Miller, E R *N Logger Timber Processer* 21 (12): 16-17, 32-34. June 1973

086196 99.81 N812
Elements of roll conveyor design for sawmills. Hale, R A *N Logger Timber Processer* 21 (12): 22-23, 38. June 1973

086197 99.81 N812
Lumber grade yields from graded trees of five oak species. [Quercus, Pennsylvanica]. Hoover, W L *N Logger Timber Processer* 22 (1): 20, 28. July 1973

086198 99.81 N812
Employee turnover: costs, causes, & methods of control. [West Virginia, sawmills]. Wolf, C H *N Logger Timber Processer* 22 (1): 26,40. July 1973

086199 474 N213
Direct recrystallization of cellulose. (Ger) Jayme, G *Naturwissenschaften* 60 (6): 300-301. June 1973

086200 QD1.N5
Inhibiting effect of extractives of Larix leptolepis on radical polymerization. (Jap) Onishi, H *Nippon Kagaku Kaishi* 4: 793-797. Eng. Sum. Apr 1973

086201 QD1.N5
Isolation of graft copolymer from Larix leptolepis-methyl methacrylate wood-plastic combination. (Jap) Onishi, H *Nippon Kagaku Kaishi* 4: 837-841. Eng. Sum. Apr 1973

086202 99.8 N815
Private sawmill operation in Tanzania. (Nor) Braathen, H *Norsk Skogbruk* 19 (5): 115, 139-140. Apr 1973

086203 99.8 N815
Marketing analysis for lumber industry. (Nor) Oy, H *Norsk Skogbruk* 19 (5): 124-125. Apr 1973

086204 99.8 N815
Use of lumber in prefabricated houses. (Nor) Oy, H *Norsk Skogbruk* 19 (5): 126. Apr 1973

086205 99.79 OS5
Wood preservation. (Nor) Klem, G S *Oslo Norsk Tretek Inst Tek Smaskr* 23, 73 P. 1972

086206 302.8 P1991
On degradation of cellulose in oxygen-bleaching. Akim, G L *Pap Puu* 55 (5): 389-391, 395-396, 399-400. Ref. May 31, 1973

086207 302.8 P1991
Chlorinated long-chain fatty acids. Their properties & reactions. VII. About influence of some metal ions on base-catalyzed dehydrochlorination of chlorinated sodium oleate (sodium threo-9, 10-dichlorooctadecanoate). [Pulp]. Ketola, M *Pap Puu* 55 (6): 458-461. Ref. June 30, 1973

086208 302.8 P1934
Electrolysis as a purification method for effluents of paper & pulp industry. (Ger) Brecht, W *Papier* 27 (5): 165-181. Eng. Sum. May 1973

086209 302.8 P1934
Environemntal burden by pulp & paper industry. (Ger) Ploetz, T *Papier* 27 (5): 181-187. Ref. Eng. Sum. May 1973

086210 302.8 P1934
Alteration of supermolecular structure of pulp during bleaching. II. Influence of treatment with hypochlorite. (Ger) Jayme, G *Papier* 27 (6): 213-217. Eng. Sum. June 1973

086211 302.8 P1934
Modern effluent water treatment & processing techniques in paper & board industry. (Ger) Schaper, W *Papier* 27 (6): 224-229. Eng. Sum. June 1973

086212 302.8 P1934
Defoaming & deaeration of pulp suspension. (Ger) Melzer, J *Papier* 27 (6): 229-231. Eng. Sum. June 1973

086213 99.8 P53
Bleached abaca-soda pulps. [Musa textilis]. Villanueva, E P *Philippine J Forest* 22 (1/4): 13-23. Ref. 1966/1970 (Pub. 1973)

086214 99.8 P53
Rosin size prepared from Benguet pine oleoresin. [Pinus insularis]. Abejo, F G *Philippine J Forest* 22 (1/4): 25-31. Ref. 1966/1970 (Pub. 1973)

086215 99.8 P53
An evaluation of three-year Kaatoan bangkal (Anthocephalus chinensis Rich. ex Walp.) for printing & writing paper manufacture. Villanueva, E P *Philippine J Forest* 22 (1/4): 33-44. Ref. 1966/1970 (Pub. 1973)

086216 99.8 P53
Shrinkage of Philippine woods. Floresca, A R *Philippine J Forest* 22 (1/4): 45-57. 1966/1970 (Pub. 1973)

086217 TP1.P7
Bacteria, enzymes & wood permeability. Fogarty, W M *Process Biochem* 8 (6): 30-34. Ref. June 1973

086218 99.82 P95
About complex organization of packaging & polletizing of lumber in domestic trade. (Pol) Kurkowski, J *Przem Drzewny* 24 (1): 1-3. Eng. Sum. Jan 1973

086219 99.82 P95
Machines & devices for plywood industry. I. (Pol) Muck, H *Przem Drzewny* 24 (1): 3-6. Jan 1973

086220 99.82 P95
Machines & devices for plywood industry. (Pol) Muck, H *Przem Drzewny* 24 (2): 10-13. Feb 1973

086221 99.82 P95
Effectiveness of 'Do-Ro' method in woodworking industry. (Pol) Gozdzik-Chloewicka, K *Przem Drzewny* 24 (2): 20-22. Feb 1973

086222 99.82 P95
New goals & tasks of Association of Forest Machinery Industry. (Pol) Guzera, J *Przem Drzewny* 24 (2): 23-26. Eng. Sum. Feb 1973

086223 99.82 P95
Wood products in foreign trade. (Pol) *Przem Drzewny* 24 (2): 29-32. Feb 1973

086224 99.82 P95
Possibilities in sphere of mechanization & automation of lumber cross-cutting. (Pol) Syrek, S *Przem Drzewny* 24 (2): 5-7. Feb 1973

086225 99.82 P95
More about labor force in milling industry. (Pol) Pankowska, B *Przem Drzewny* 24 (2): 8-9. Eng. Sum. Feb 1973

086226 99.82 P95
Application of electric thermal radiation heating in wood-working industry. I. (Pol) Burakowski, T *Przem Drzewny* 24 (3): 1-4. Eng. Sum. Mar 1973

086227 99.82 P95
Mechanization of work in Finnish sawmills. I. (Pol) Strzelecki, P *Przem Drzewny* 24 (3): 6-9. Eng. Sum. Mar 1973

086228 99.82 P95
Lengthwise lumber jointing with finger joints. 2. (Pol) Orlicz, T *Przem Drzewny* 24 (5): 1-4. Ref. Eng. Sum. May 1973

086229 99.82 P95
Some problems relating the optimalization of relationship between raw material basis and sawmilling industry on the example of the Olsztyn region. (Pol) Rzeczkowski, R *Przem Drzewny* 24 (5): 11-14. Map. Eng. Sum. May 1973

086230 99.82 P95
Development of forestry & wood technology studies in Czechoslovakia. (Pol) Gos, B *Przem Drzewny* 24 (5): 26-28. May 1973

086231 99.82 P95
Trends in perspective development of woodworking industry on background of domestic raw material resources. 2. (Pol) Fabiszewski, W *Przem Drzewny* 24 (5): 5-10. Map. Eng. Sum. May 1973

086232 302.8 P96
Logging in Soviet Union. III. McNally, J A *Pulp Pap Mag Can* 74 (6): 33,35, 36, 40. June 1973

086233 302.8 P96
Ammonium sulphide as a pulping agent. II. Optimum pulping conditions & paper properties. Stone, J E *Pulp Pap Mag Can* 74 (6): 75-81. June 1973

086234 99.8 R329
Central yards of mechanized conversion set up with fixed or mobile posts. (Fre) Wippermann, H J *Rev Forest Franc* 2: 145-151. Mar/Apr 1973

086235 99.8 R329
Manufacturing of frame work parts from veneer leaves unrolled, glued & pressed. (Fre) Polge, H *Rev Forest Franc* 2: 172-173. Mar/Apr 1973

086236 99.8 R327
Tables for transformation of effective units into equivalent units at power saws. (Rum) Baciu, A D *Rev Padurilor* 88 (1): 38-39. Jan 1973

086237 99.9 SO82
Need for rationalisation in timber industry. Botha, S P *S Afr Forest J* 83: 11-15. Dec 1972

086238 99.9 SO82
Some aspects of pulp & paper industry in south Africa. Stratten, P M *S Afr Forest J* 83: 11-15. Dec 1972

086239 99.9 SO82
Mechanical exploitation. [Logging]. Wood, R O *S Afr Forest J* 83: 16-20. Dec 1972

086240 99.9 SO82
Research for sawmilling industry in South Africa. Bosman, D L *S Afr Forest J* 83: 21-26. Dec 1972

086241 99.9 SE6
Studies on properties & qualities of Korean common hardwoods. (Kor) Jung, H *Seoul (Korea) Forest Res Inst Res Rep* 19: 107-122. Ref. Eng. Sum. Nov 1972

086242 99.9 SE6
Studies on utilization of forest wood residues. 1. Study on chips from forest wood residues. (Kor) Jo, J M *Seoul (Korea) Forest Res Inst Res Rep* 19: 83-90. Eng. Sum. Nov 1972

086243 99.9 SE6
Studies on manufacturing of laminated wood with popular & larch. (Kor) Jo, J *Seoul (Korea) Forest Res Inst Res Rep* 19: 91-106. Ref. Eng. Sum. Nov 1972

086244 99.9 B83
Study of poplar wood 'I.214', 'robusta' & 'gelrica.' 1. (Fre) Sacre, E *Soc Roy Forest Belg Bull* 80 (3): 141-159. Mar 1973

086245 302.8 SV2
Mechanical pulp – a product of future? (Swe) Wettergren, C J *Svensk Papperstidn* 76 (10): 355-359. June 17, 1973

086246 302.8 SV2
Extractives in Pinus pinaster wood. Hemingway, R W *Svensk Papperstidn* 76 (10): 371-376. Ref. June 17, 1973

086247 302.8 SV2
Studies on cell wall polysaccharides of Pinus radiata. II. Structure of a glucomannan. Harwood, V D *Svensk Papperstidn* 76 (10): 377-379. Ref. June 17, 1973

086248 302.8 SV2
Methanol distribution in an evaporation plant. Arne, H G I *Svensk Papperstidn* 76 (10): 380-382. June 17, 1973

086249 302.8 SV2
Positions of O-acetyl groups in pine glucomannan. Lindberg, B *Svensk Papperstidn* 76 (10): 383-384. Ref. June 17, 1973

086250 302.8 SV2
Formation of thiolignin during H2S [hydrogen sulfide] chip pretreatment process. X. Procter, A R *Svensk Papperstidn* 76 (7): 253-257. Ref. Apr 25, 1973

086251 302.8 SV2
Some aspects of graft polymerization of vinyl monomers onto cellulose using tetravalent cerium. I. Mansour, O Y *Svensk Papperstidn* 76 (7): 258-262. Ref. Apr 25, 1973

086252 302.8 T162
Free radical intermediates in formation of chromophores from alkaline solutions of hardwood lignin model compounds. Clare, S I *Tappi (Tech Ass Pulp Pap Indus)* 56 (5): 119-123. Ref. May 1973

086253 302.8 T162
Future technical needs & trends of paper industry: byproducts USAges. [Pulp industry]. Barton, J S *Tappi (Tech Ass Pulp Pap Indus)* 56 (6): 56-58. June 1973

086254 302.8 T162
Potential oxygen application in pulp & paper industry. Buley, V F *Tappi (Tech Ass Pulp Pap Indus)* 56 (7): 101-104. July 1973

086255 302.8 T162
Components of strength qualities of pulps. Clark, Jd'a *Tappi (Tech Ass Pulp Pap Indus)* 56 (7): 122-125. Ref. July 1973

086256 302.8 T162
How anaerobic storage affects quality of douglas-fir pulpwood chops. [Pseudotsuga menziesii]. Eslyn, W E *Tappi (Tech Ass Pulp Pap Indus)* 56 (7): 129-131. July 1973

086257 302.8 T162
Future technical needs & trends of paper industry: Educational implications for industry. Jahn, E C *Tappi (Tech Ass Pulp Pap Indus)* 56 (7): 44-50. Ref. July 1973

086258 302.8 T162
Quick control methods for pulp brightness & caustic solubility. Atwood, P D *Tappi (Tech Ass Pulp Pap Indus)* 56 (7): 94-96. July 1973

086259 302.8 T162
Development of yield prediction equations in kraft pulping. [Tsuga heterophylla, Pinus banksiana, Thuja plicata, Populus tremuloides]. Hatton, J V *Tappi (Tech Ass Pulp Pap Indus)* 56 (7): 97-100. Ref. July 1973

086260 1 AG84M
Products of American forests. Champion, F J *U S D A Misc Publ* 861, Rev., 28 P. Mar 1973

086261 A99.9 F7622U
Sawlog sizes: a comparison in two Appalachian areas. [Hardwoods]. Goho, C D *U S Forest Serv Res Note NE* 160, 5 P. 1973

086262 A99.9 F7622U
Wooden beverage cases cause little damage to bottle caps. [Containers]. Anderson, R B *U S Forest Serv Res Note NE* 161, 4 P. 1973

086263 A99.9 F7634U
Mechanical properties & specific gravity of randomly sampled subalpine fir. [Abies lasiocarpa]. Bendtsen, B A *U S Forest Serv Res Pap FPl* 197, 12 P. Map. 1973

086264 A99.9 F7652P
Logging production rates in young-growth, mixed-conifer stands in north central California. McDonald, P M *U S Forest Serv Res Pap PSw* 86, 12 P. 1972

086265 99.8 W14
Compelling joint efforts of producer & consumer for future guarantee of industrial wood supply. (Ger) Leinert, S *Wald Holz* 54 (8): 364-367. (Continued) Apr 1972/1973

086266 99.8 W14
Compelling mutual efforts by producer & consumer for future guarantee of industrial wood supply. II. (Ger) Leinert, S *Wald Holz* 54 (9): 396-400. 1972/1973

086267 SD430.F6
Wood chemistry of western conifers; questions & answers. Barton, G M *West Forest Prod Lab Vancouver Inf Rep VP-X* 106, 28 P. Jan 1973

086268 99.82 M72
Relation between torsional strength of water-saturated wood & temperature. [Fagus, Cupressus]. (Jap) Hayashi, K *Wood Ind (jap)* 28 (6): 14-18. Eng. Sum. June 1973

086269 99.82 M72
Studies on laminated-veneer lumber. I. On some mechanical properties of LVL. (Jap) Arima, T *Wood Ind (jap)* 28 (6): 19-22. June 1973

086270 99.82 M72
Wood waste composts manufacture & application. (Jap) Uemura, S *Wood Ind (jap)* 28 (6): 2-5. June 1973

086271 99.82 M72
Fireproffing plywood. (Jap) Ogawa, Y *Wood Ind (jap)* 28 (6): 6-10. June 1973

086272 99.82 W856
Plywood trim, once waste, makes superior hardboard. *Wood Wood Prod* 78 (7): 30-32. July 1973

086273 99.82 W856
Buyers, wholesalers, producers have new market information tool, [Forest industries]. Leuschner, W *Wood Wood Prod* 78 (7): 36-37. July 1973

086274 99.8 W89
What every cutter should know about felling techniques. Conway, S *World Wood* 14 (7): 15-17. June 1973

086275 99.8 W89
Filipino plywood operation pre-dries veneer under sun. Davis,w E *World Wood* 14 (7): 6-8. June 1973

GENERAL PLANT SCIENCE

086276 442.8 AC86
Phytotron in botanical gardens of Attila Jozsef University, Szeged. Horvath, I *Acta Biol (Szeged)* (New Ser.) 18 (1/4): 15-19. 1972

086277 84 AL6
A bellflower & snails. [Campanula ephesia]. Schwarz, O *Alp Gard Soc Quart Bull* 41 (2): 122-124. June 1973

086278 450 AM35
Inadequacies in herbarium specimens of large ferns. Stolze, R G *Amer Fern J* 63 (2): 25-27. Apr/June 1973

086279 80 AM329
1972 Orchid stamps for collector. Matatics, S J *Amer Orchid Soc Bull* 42 (6): 492-494. June 1973

086280 410 B52
Life & works of Ludovic Benedict Houttae, doctor of cultivated plants & expert in human virtues, in Flandria. [Botanists]. (Lat) Elaut, L *Biol Jaarb* 40: 203-213. 1972

086281 450 B654
Johannes Iversen, 27 December 1904-17 October 1971. [Botanists]. (Dan) Andersen, T *Bot Tidsskr* 67 (3): 275-277. 1972

086282 451 B76
Mycological relevance in nineteen seventies. [Fungi, man]. Emerson, R *Brit Mycol Soc Trans* 60 (3): 363-387. Ref. June 1973

086283 450 B84
Recent literature on mosses. 94. Crosby, M R *Bryologist* 76 (2): 316-320. Summer 1973

086284 450 B84
Recent literature on lichens. 84. Culberson, W L *Bryologist* 76 (2): 320-325. Summer 1973

086285 451 C11
Research: how society can help. [Cactaceae]. Anderson, E F *Cactus Succulent J* 45 (1): 12-14. Jan/Feb 1973

086286 451 C11
Story of Caralluma kalmbacherana. Kalmbacher, G *Cactus Succulent J* 45 (1): 16-17. Jan/Feb 1973

086287 451 C11
Save succulents! a practical step to aid conservation. [Cactaceae]. Rowley, G *Cactus Succulent J* 45 (1): 8-11. Jan/Feb 1973

086288 410.9 OT8
An appreciation: George Harrison Turner 1877-1970. [Botanists]. Packer, J G *Can Field Natur* 87 (2): 187. Apr/June 1973

086289 450 C333
In memoriam of Dr. M. A. Donk (August 14, 1908September 2, 1972). [Mycologists]. (Cze) Kotlaba, F *Ceska Mykol* 27 (2): 121-122. 1973

086290 450 C333
A salute to sexagenarian MUDr. Jiri Kubicka. [Mycologists]. (Cze) Svrcek, M *Ceska Mykol* 27 (2): 123-127. 1973

086291 450 F58
Derivative spectrophotometry on basis of recording spectrophotomer SP-10. [Botanical research]. (Rus) Mar'enko, V A *Fiziol Rast (mosc)* 20 (3): 637-645. Ref. Eng. Sum. 1973

086292 450 F91
Juul Nielsen N., December 1, 1883 January 25, 1973. [botanists]. (Swe) Buchwald, N F *Friesia* 10 (1/2): 103-105. 1972 (Pub. Jan 1973)

086293 450 F91
Tore Eilert Nathorst-Windahl, July 5, 1886 June 30, 1972. [Botanists]. (Swe) Andersson, S O *Friesia* 10 (1/2): 105-107. 1972 (Pub. Jan 1973)

086294 450 F91
Successful low temperature storage of conidia of Erysiphe graminis produced under dry conditions. Hermansen, J E *Friesia* 10 (1/2): 86-88. 1972 (Pub. Jan 1973)

086295 450 F91
Role of mushroom in cultural history of Scandinavia's Middle Ages. (Dan) Hoeg, O A *Friesia* 10 (1/2): 89-95. Ref. 1972 (Pub. Jan 1973)

086296 80 G1635
Mark Catesby, pioneer naturalist of American colinies. Anderson, F J *Gard J* 23 (3): 76-81. June 1973

086297 80 H29
Open gardens: Lindenborg. (Dan) Brix-Pedersen, C *Haven* 73 (4): 188-189. Apr 1973

086298 80 H29
Open gardens: Overgaard. (Dan) Brix-Pedersen, C *Haven* 73 (4): 190-191. Apr 1973

086299 80 H41
Great dittany of Crete – then & now. [Origanum dictamnus]. Jones, D B *Herbarist* 39: 13-18. Ref. 1973

086300 80 H41
Tobacco – a historical view. Fredman, K L *Herbarist* 39: 33-41. Ref. 1973

086301 80 H41
Herbarium of Thomas Alva Edison. Burt, L S *Herbarist* 39: 9-12. 1973

086302 410 H992
Obituary: Professor Dr. Abd El-Halim Nasr, 1908 – 1972. [Botanists]. Mohsen, A F *Hydrobiologia* 42 (1): 1-2. July 6, 1973

086303 QE697.L53
Results of paleobotanic studies of loess soils of Ukraine & southern part of central Russian highlands. (Rus) Grichuk, V P *In Lessy, Pogrebennye Pochvy i Kriogennye Iavleniia na Rus Skoi Ravnine* P. 26-48. Ref. 1972

086304 410 J828
Plant reflectance & colour infrared photography. Totterdell, C J *J Appl Ecol* 10 (2): 401-407. Ref. Aug 1973

086305 442.8 K84
Criteria applied to right choice of scientific workers in botanical gardens. (Pol) Lukasiewicz, A *Kosmos Ser A Biol* 22 (1): 51-55. 1973

086306 442.8 K84
Perspectives of application of botany in national economy. (Pol) Nowinski, M *Kosmos Ser A Biol* 22 (2): 153-167. 1973

086307 59.9 C813
Ernest G. Anderson, 1891 – 1973. [Botanists]. Patterson, E B *Maize Genet Coop News Lett* 47: 2-3. Apr 15, 1973

086308 440.8 Z3
Significance of methods for preparing fungi on agar for critical examination with scanning electron microscope. [Fusarium]. (Ger) Schramm, K H *Microsc Acta* 74 (2): 128-136. Eng. Sum. May 1973

086309 451 N622
Promotion of mycology as condition necessary for wholesome progress of biology. (Jap) Imazeki, R *Mycol Soc Jap Trans* 14 (1): 1-6. Apr 10, 1973

086310 451 N622
Methods for making permanent microscope slides of filamentous fungi. I. Modification of technique recommended by Duddington & Dixon. (Jap) Miura, K *Mycol Soc Jap Trans* 14 (1): 75-82. Apr 10, 1973

086311 G3.N3
Botanical studies in northwestern Brazil. [Plant collecting]. Mee, M U *Natl Geogr Soc Res Rep* P. 147-156. 1973

086312 409.6 SH6
History of bryology in Japan. II. Contribution of botanists. (Jap) Inoue, H *Natur Sci Mus* 39 (11/12): 21-35. Nov/Dec 1972

086313 94.69 N81
Tree hazels. [Corylus]. Farris, C W *Northern Nut Growers Ass Annu Rep* 63: 24-26. 1972

086314 94.69 N81
Nut research at Iowa State. Beck, A *Northern Nut Growers Ass Annu Rep* 63: 58-61. 1972

086315 450 P563
Third expedition to Nicaragua. [Botany]. Seymour, F C *Phytologia* 25 (7): 446-457. Map. Apr 1973

086316 450 P563
Fourth expedition to Nicaragua. [Botany]. Seymour, F C *Phytologia* 26 (2): 86-96. Map. May 1973

086317 450 P698
Women in botany. Simpson, B *Plant Sci Bull* 19 (2): 22-24. June 1973

086318 450 R34
Pringle Herbarium. [University of Vermont]. Seymour, F C *Rhodora* 75 (802): 297-303. June 1973

086319 511 H365ME
Tap-water & unfiltered air as sources of error in pollen analysis. Vuorela, I *Soc Fauna Flora Fenn Mem* 48: 49-54. Map. 1972

086320 511 H365ME
Accessions to Botanical Museum, University of Helsinki (Helsingfors) in 1971 – 1972. Fagerstrom, L *Soc Fauna Flora Fenn Mem* 48: 89-93. 1972

086321 451 T63B
Index to American botanical literature. Rogerson, C T *Torrey Bot Club Bull* 99 (6): 321-334. Nov/Dec 1972

PLANT TAXONOMY AND GEOGRAPHY

086322 505 P21 (3)
On phloem & cambium of a Calamopityaceae Pteridospermae probably from French Lower Carboniferous. (Fre) Galtier, J *Acad Sci (paris) C R Ser D* 276 (15): 2257-2259. Apr 9, 1973

086323 505 P21 (3)
Calcareous nannoolankton at Cretaceous-Tertiary limit in Majunga basin (Madagascar). (Fre) Perch-Nielsen, K *Acad Sci (paris) C R Ser D* 276 (17): 2435-2438. Ref. Apr 25, 1973

086324 505 P21 (3)
Ammonites, psilophytes, gnetophytes & overevolution. [Paleobotany, plant evolution]. (Fre) Gaussen, H *Acad Sci (paris) C R Ser D* 276 (17): 2469-2471. Apr 25, 1973

086325 505 P21 (3)
Floral geophylesis of Sapotaceae. (Fre) Aubreville, A *Acad Sci (paris) C R Ser D* 276 (19): 2641-2644. May 9, 1973

086326 442.8 AC86
Study of Trilites formgenus in Lower Cretaceous deposits. Juhasz, M *Acta Biol (Szeged)* (New Ser.) 18 (1/4): 43-53. Ref. 1972

086327 442.8 AC86
Ultrastructural investigation of Upper Cretaceous angiosperm exines. II. Hegedus, M *Acta Biol (Szeged)* (New Ser.) 18 (1/4): 55-69. Ref. 1972

086328 450 AC824
Further cytotaxonomic studies in genus Taraxacum section Palustria Dahlstedt. Malecka, J *Acta Biol Cracov Ser Bot* 15 (2): 113-126. Map. Ref. 1972

086329 450 AC83
A list of plants collected by Chiba University Rolwaling Himal Expedition, 1963. 1. Murata, G *Acta Phytotaxonom Geobot* 25 (4/6): 107-118. Mar 1973

086330 450 AC83
Taxonomical evaluation of articulated hairs found in Athyriaceae. (Jap) Kato, M *Acta Phytotaxonom Geobot* 25 (4/6): 119-126. Ref. Eng. Sum. Mar 1973

086331 450 AC83
A new species of Southbya [grollei], Hepaticae. Kitagawa, N *Acta Phytotaxonom Geobot* 25 (4/6): 127-130. Mar 1973

086332 450 AC83
A note on genus Mitella of Japan. [Taxonomy, morphology]. (Jap) Wakabayashi, M *Acta Phytotaxonom Geobot* 25 (4/6): 136-153. Ref. Eng. Sum. Mar 1973

086333 450 AC83
On Saxifraga sect. Diptera of Japan, with description of a new species. Wakabayashi, M *Acta Phytotaxonom Geobot* 25 (4/6): 154-169. Ref. Mar 1973

086334 450 AC83
Selaginellas of Taiwan. Tagawa, M *Acta Phytotaxonom Geobot* 25 (4/6): 170-180. Mar 1973

086335 450 AC83
On distributions of vernacular names of banana in Southern Asia. (Jap) Fujita, Y *Acta Phytotaxonom Geobot* 25 (4/6): 181-185. Ref. Eng. Sum. Mar 1973

086336 450 AC83
Supplement to knowledge of systematics of Morus in Quelpaert. Hotta, T *Acta Phytotaxonom Geobot* 25 (4/6): 186-187. Mar 1973

086337 450 AC83
New or interesting plants from Southeast Asia. 1. [Hydrocotyle chiangdaoensis]. Murata, G *Acta Phytotaxonom Geobot* 25 (4/6): 97-106. Mar 1973

086338 442.8 AL6
Family of Caryophyllaceae in flora of Central Asia. (Rus) IUsupova, K N *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 3: 40-43. 1973

086339 442.8 AL6
Comparative study of seed proteins of certain cotton species. 2. [Chemotaxonomy]. (Rus) Shadmanov, P K *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 3: 67-68. 1973

086340 442.9 AK17
Regulating forestry terminology. (Rus) Krylov, G V *Akad Nauk Sssr Sibirsk Otd Biol Inst Tr* 15: 165-170. 1972

086341 SF521.A4
Indian giant balsamine. [Impatiens, honey plants]. (Ger) Wittmann, O *Allg Dtsch Imkerztg* 6 (9): 226-227. Sept 1972

086342 84 AL6
Kalmiopsis leachiana. Mulligan, B O *Alp Gard Soc Quart Bull* 41 (2): 132-134. June 1973

086343 84 AL6
Expeditions from Lake Garda. [Alpine plants]. Popper, M F *Alp Gard Soc Quart Bull* 41 (2): 165-172. June 1973

086344 84 AL6
Sorting out Celmisias. Merelie, G *Alp Gard Soc Quart Bull* 41 (2): 173-180. June 1973

086345 84 AL6
Yellow primulas of Cantabrian mountains. Meadows, G E M *Alp Gard Soc Quart Bull* 41 (2): 181-184. June 1973

086346 450 AM36
A new Voltzialean cone bearing seeds with embryos from Permian of Texas. Miller, C N *Amer J Bot* 60 (6): 561-569. Ref. July 1973

086347 450 AM36
A new conifer from Upper Cretaceous of central California. Page, V M *Amer J Bot* 60 (6): 570-575. July 1973

086348 450 AM36
Pollen studies in genus Cordia (Boraginaceae). Nowicke, J W *Amer J Bot* 60 (6): 584-591. Ref. July 1973

086349 450 AM36
Steereella, a new genus of Hepaticae from West Indies. Kuwahara, Y *Amer J Bot* 60 (6): 602-606. July 1973

086350 80 AM329
Chromosome numbers in genus Oncidium & some allied genera. Charanasri, U *Amer Orchid Soc Bull* 42 (6): 518-524. June 1973

086351 80 AM329
A second checklist of orchids of Kenya. Stewart, J *Amer Orchid Soc Bull* 42 (6): 525-531. Map. June 1973

086352 500 AR44
Plants new to arizona flora. IV. Higgins, L C *Ariz Acad Sci J* 7 (2): 51. June 1972

086353 500 AR44
Chloris cucullata in Arizona. Lehr, J H *Ariz Acad Sci J* 7 (2): 51. June 1972

086354 500 AR44
Notes on fungi from L. N. Goodding Research Natural Area. Gilbertson, R L *Ariz Acad Sci J* 7 (3): 129-138. Ref. Oct 1972

086355 500 AR44
Populations of Ambystoma tigrinum & Ambystoma rosaceum in Chihuahua, Mexico. Van Devender, T R *Ariz Acad Sci J* 8 (1): 34. Feb 1973

086356 500 AR44
Vegetation & flora of White Tank Mountains Regional Park, Maricopa County, Arizona. Keil, D J *Ariz Acad Sci J* 8 (1): 35-48. Ref. Feb 1973

086357 451 AR6J
Notes on Piperaceae of Lesser Antilles. Howard, Ra A *Arnold Arboretum J* 54 (3): 377-411. July 1973

086358 SD533.A9
Swamp peppermint, Eucalyptus rodwayi R. T. Bak. et H. G. Sm. Hall, N *Aust For Timber Bur Forest Tree Ser* 51, 4 P. Map. 1972

086359 SD533.A9
Morrisby's gum, Eucalyptus morrisbyi R. G. Brett. Hall, N *Aust For Timber Bur Forest Tree Ser* 52, 4 P. 1972

086360 SD533.A9
Heart-leaved silver gum, Eucalyptus cordata Labill. Hall, N *Aust For Timber Bur Forest Tree Ser* 53, 4 P. Map. 1972

086361 SD533.A9
Alpine cider gum, Eucalpytus archeri Maiden et Blakely. Hall, N *Aust For Timber Bur Forest Tree Ser* 54, 4 P. Map. 1972

086362 SD533.A9
White peppermint, Eucalyptus pulchella Desf, syn. Eucalyptus linearis Dehnh. Hall, N *Aust For Timber Bur Forest Tree Ser* 55, 4 P. Map. 1972

086363 SD533.A9
Mountain swamp gum, Eucalyptus camphora R t. Bak. Hall, N *Aust For Timber Bur Forest Tree Ser* 56, 4 P. Map. 1973

086364 SD533.A9
Camden white gum, Eucalyptus benthamii Maiden et Cambage. Hall, N *Aust For Timber Bur Forest Tree Ser* 57, 4 P. Map. 1973

086365 SD533.A9
Mealy stringybark, Eucalyptus cephalocarpa Blakely. Hall, N *Aust For Timber Bur Forest Tree Ser* 58, 4 P. Map. 1973

086366 SD533.A9
Snow gum, Eucalyptus niphophila Maiden et Blakely. Hall, N *Aust For Timber Bur Forest Tree Ser* 59, 4 P. Map. 1973

086367 SD533.A9
Bull mallee, Eucalyptus behriana F. Muell. Hall, N *Aust For Timber Bur Forest Tree Ser* 60, 4 P. Map. 1973

086368 SD533.A9
Large-leaved cabbage gum, Eucalyptus grandifolia R. Br. ex Benth. Hall, N *Aust For Timber Bur Forest Tree Ser* 61, 4 P. Map. 1973

086369 SD533.A9
Broad-leaved carbeen, Eucalyptus confertiflora F. Muell. Hall, N *Aust For Timber Bur Forest Tree Ser* 62, 4 P. Amp. 1973

086370 SD533.A9
Broad-leaved carbeen, Eucalyptus confertiflora F. Muell. Hall, N *Aust For Timber Bur Forest Tree Ser* 62, 4 P. Map. 1973

086371 SD533.A9
Inland bloodwood, Eucalyptus terminalis F. Muell. Hall, N *Aust For Timber Bur Forest Tree Ser* 63, 4 P. Map. 1973

086372 SD533.A9
Shiny-barked gum, Eucalyptus pachycalyx Maiden et Blakely. Hall, N *Aust For Timber Bur Forest Tree Ser* 64, 4 P. Map. 1973

086373 SD533.A9
Umbrawarra gum, Eucalyptus umbrawarrensis Maiden. Hall, N *Aust For Timber Bur Forest Tree Ser* 65, 4 P. Map. 1973

086374 SD533.A9
Urn gum, Eucalyptus urnigera Hook. f. Hall, N *Aust For Timber Bur Forest Tree Ser* 66, 4 P. Map. 1973

086375 SD533.A9
Tasmanian alpine yellow gum, Eucalyptus subcrenualata Maiden et Blakely. Hall, N *Aust For Timber Bur Forest Tree Ser* 68, 4 P. Map. 1973

086376 SD533.A9
Tasmanian yellow gum, Eucalyptus johnstonii Maiden. Hall, N *Aust For Timber Bur Forest Tree Ser* 69, 4 P. 1973

086377 SD533.A9
Silver peppermint, Eucalyptus tenuiramis miq. Hall, N *Aust For Timber Bur Forest Tree Ser* 70, 4 P. Map. 1973

086378 SD533.A9
Mountain marri, Eucalyptus haematoxylon Maiden. Hall, N *Aust For Timber Bur Forest Tree Ser* 71, 4 P. Map. 1973

086379 SD533.A9
Darling range ghost gum, Eucalyptus laeliae F. D. Podger et G. M. Chippendale. Hall, N *Aust For Timber Bur Forest Tree Ser* 72, 4 P. Map. 1973

086380 SD533.A9
Albany balckbutt, Eucalyptus staeri (Maiden) Kessel et C. A. Gardn. Hall, N *Aust For Timber Bur Forest Tree Ser* 73, 4 P. 1973

086381 442.8 AU72
Origin & distribution of Phytophthora cinnamomi Rands in Australian native plant communities & significance of its association with particular plant species. Pratt, B H *Australian J Biol Sci* 26 (3): 559-573. Ref. June 1973

086382 410.9 B47
Two mysterious boles: Boletus (Xerocomus) tumidus (Fr.) SS. Pelterau & Boletus (Xerocomus) leoninus (fr.) Gilbert. (Fre) Parrot, A G *Biarritz Cent Etud Rech Sci Bull* 9 (1): 53-67. Sept 1, 1972

086383 410.9 B47
Lichen localities of Saint Martin point & Basque coast at Biarritz. (Fre) Pueyo, G *Biarritz Cent Etud Rech Sci Bull* 9 (1): 81-88. Sept 1, 1972

086384 410.9 B47
A lichen locality at Biarritz, la Petite Atalye. (Fre) Pueyo, G *Biarritz Cent Etud Rech Sci Bull* 9 (2): 221-226. 1972

086385 410 B52
Aquatic flowers in some guanotrophic ponds on Zwin Reserve (Knokke). (Dut) Caljon, A *Biol Jaarb* 40: 116-145. Map. Ref. 1972

086386 410 B52
Cape macchia. [Shrubs]. (Dut) Coppejans, E *Biol Jaarb* 40: 146-152. Ref. Eng. Sum. 1972

086387 410 B52
A systematic & ecological study of algal population of a coastal tributary in village of Dramont, St. Raphael (France). (Fre) Coppejans, E *Biol Jaarb* 40: 153-180. 1972

086388 410 B52
Scanning electron microscope studies on some species of centric diatom genera Thalassiosira & Conscinodiscus. Somers, D *Biol Jaarb* 40: 304-316. Ref. 1972

086389 451 C16B
Revision of sections Acanthophace Bunge & Aegacantha Bunge of genus Astragalus L. (Ger) Deml, I *Boissiera* 21, 235 P. Map. Ref. Dec 29, 1972

086390 450 B652
A comparison of leaf terpenes in Persea subgenus Persea. [Avocados]. Bergh, B O *Bot Gaz* 134 (2): 130-134. Ref. June 1973

086391 451 L64J
Velamen & exodermis characters of West African epiphytic orchids in relation to taxonomic grouping & habitat tolerance. [Orchidaceae]. Sanford, W W *Bot J Linn Soc* 66 (4): 307-321. Ref. June 1973

086392 451 L64J
Cyperaceae within Nigeria: distribution & habitat. Hall, J B- *Bot J Linn Soc* 66 (4): 323-346. Map. Ref. June 1973

086393 450 B6582
Revision of marine Cladophorales from Karachi. Nizamuddin, M *Bot Mar* 16 (1): 1-18. Ref. Mar 1973

086394 450 B6582
Diatoms of marine littoral of Steenberg's Cove in St. Helena Bay, Cap Province, South Africa. Giffen, M H *Bot Mar* 16 (1): 32-48. Ref. Mar 1973

086395 450 B656
Drawings of scandinavian plants. 83-85. Chenopodium L. Engstrand, L *Bot Not* 126 (1): 1-6. 1973

086396 450 B656
Frequency mapping of blackberry species (Rubus L. subgen. Rubus) in Sweden. I. Method & preliminary results. Oredsson, A *Bot Not* 126 (1): 37-68. Map. 1973

086397 450 B656
Taxonomy, variation & evolution in representatives of Leopoldia Parl. (Liliaceae) in southern & central Aegean. Bentzer, B *Bot Not* 126 (1): 69-132. Map. Ref. 1973

086398 450 B654
A seasonal study of marine algal vegetation in Tuborg Harbour, Sound, Denmark. Kristiansen, A *Bot Tidsskr* 67 (3): 201-244. Ref. 1972

086399 450 B654
A study of shell-boring marine algae around Danish island Laeso. Nielsen, R *Bot Tidsskr* 67 (3): 245-269. Map. Ref. 1972

086400 450 B654
Agaric flora of an extreme late season in Denmark. Lange, M *Bot Tidsskr* 67 (3): 270-274. 1972

086401 SD1.B71
Sebastiao-de-Arruda, Dalbergia decipularis Rizz. & Matt. (Por) Tizzini, C T *Bras Florestal* 4 (13): 23-26. Jan/Mar 1973

086402 SD1.B71
An attempt to explain occurrence of two species of Podocarpus in Brazil; 2 class Coniferopsida (Coniferoph ta) 9. Coniferae. (Por) Duarte, A P *Bras Florestal* 4 (13): 53-66. Ref. Jan/Mar 1973

086403 451 B76
Typification & nomenclature of Dichaena Fr., Heterographa Fee, Polymorphum Chev,. Psilospora Rabenh. & Psilosporina Died. Hawksworth, D L *Brit Mycol Soc Trans* 60 (3): 501-509. Ref. June 1973

086404 451 B76
Pucciniopsis, Mycoleptodiscus & Amerodiscosiella. [Taxonomy[]. Sutton, B C *Brit Mycol Soc Trans* 60 (3): 525-536. Ref. June 1973

086405 451 B76
Comparative study of Aureobasidium pullulans, Aureobasiduim sp.Nov. & Trichosporon pullulans. Dennis, C *Brit Mycol Soc Trans* 60 (3): 567-575. Ref. June 1973

086406 451 B76
New species of Vizella on Pycnanthus. Sivanesan, A *Brit Mycol Soc Trans* 60 (3): 586-588. June 1973

086407 451 B76
Plasmopara penniseti sp.Nov., a downy mildew of pearl millet in Ethiopia. Kenneth, R *Brit Mycol Soc Trans* 60 (3): 590-593. Ref. June 1973

086408 450 B84
Genus Lobaria in North America north of Mexico. Jordan, W P *Bryologist* 76 (2): 225-251. Map. Ref. Summer 1973

086409 450 B84
Lichen genus Coccotrema in North America. Brodo, I M *Bryologist* 76 (2): 260-270. Map. Ref. Summer 1973

086410 450 B84
A new speices, nomenclatural changes, & generic limits in Aloina, Aloinella, & Crossidium (Musci). Delgadillo M, C *Bryologist* 76 (2): 271-277. Summer 1973

086411 450 B84
Mosses of Utah new to science. Flowers, S *Bryologist* 76 (2): 286-292. Summer 1973

086412 450 B84
Metzgeria litoralis sp. nov. & Apometzgeria from southern South America. Kuwahara, Y *Bryologist* 76 (2): 293-296. Summer 1973

086413 450 B84
Additional new & noteworthy records for Hawaiian mosses. 2. Hoe, W J *Bryologist* 76 (2): 296-298. Summer 1973

086414 450 B84
Cetraria inermis (Nyl.) Krog, a new lichen species in amphi-Beringian flora element. Krog, H *Bryologist* 76 (2): 299-300. Summer 1973

086415 450 B84
Rediscovery of Neuropogon lambii. Weber, W A *Bryologist* 76 (2): 305. Summer 1973

086416 450 B84
Nomenclatural notes on some members of Parmelia section Melanoparmelia. Esslinger, T L *Bryologist* 76 (2): 306-309. Ref. Summer 1973

086417 450 B84
Glossadelphus abortivapicus & Rhaphidostichum pustulatum, new species of sematophyllaceae from Hawaii. Hoe, W J *Bryologist* 76 (2): 310-314. Summer 1973

086418 450 B84
Two bryophytes new to Virginia. [Moerkia hibernica, Buxbaumia subcylindrica]. Breil, D A *Bryologist* 76 (2): 315. Summer 1973

086419 450 C115
Echinofossulocactus lamellosus. [Mexico]. (Spa) Meyran, J *Cactaceas Suculentas Mex* 18 (2): 40-46. Map. Eng. Sum. Apr/June 1973

086420 450 C115
Bromelizceae from Mexico. (Spa) Beutelspacher, B C R *Cactaceas Suculentas Mex* 18 (2): 46-49. Ref. Eng. Sum. Apr/June 1973

086421 450 C115
New Tillandsia species from Mexico. Tilandsia sierrajuarenzensis, palmasolana]. (Spa) *Cactaceas Suculentas Mex* 18 (2): 50-52. Eng. Sum. Apr/June 1973

086422 450 C115
Description of Coryphanta [elephantidens]. III. (Spa) Bremer, L *Cactaceas Suculentas Mex* 18 (2): 54-56. Eng. Sum. Apr/June 1973

086423 451 C11
Structure of highly specialized carrion-flowers of stapeliads. [Ceropegieae]. Reese, G *Cactus Succulent J* 45 (1): 18-23. Jan/Feb 1973

086424 451 C11
Studies in Colorado cacti. III. Coryphantha, Escobaria & Neobesseya. Arp, G *Cactus Succulent J* 45 (1): 30-31. Jan/Feb 1973

086425 451 C11
Cacti & succulents for amateur. [Cactaceae]. Glass, C *Cactus Succulent J* 45 (1): 32-33. Jan/Feb 1973

086426 451 C11
A word about taxonomy of genus Pterocereus. Glass, C *Cactus Succulent J* 45 (1): 34. Jan/Feb 1973

086427 451 C11
Weingartia Werd. Bleck, M *Cactus Succulent J* 45 (1): 40-41. Jan/Feb 1973

086428 99.9 C1628P
Guide to identification of poplar cultivars on prairies. Roller, K J *Can Dep Forest Publ* 1311, 55 P. 1972

086429 410.9 OT8
Studies on Bryophytes of Southern Manitoba, iI. Collections from Winnipeg area. Stringer, M H L *Can Field Natur* 87 (2): 141-144. Ref. Apr/June 1973

086430 410.9 OT8
A contribution ot Bryology of southampton Island, Northwest Territories. Brassard, G R *Can Field Natur* 87 (2): 177-178. Apr/June 1973

086431 470 C16C
Six Rhizophydium species (Chytridiales) in culture. Barr, D J S *Can J Bot* 51 (5): 967-975. Ref. May 1973

086432 470 C16C
Microlychnus [epicorticis] gen. nov., a lichenized hyphomycete from western conifers. Funk, A *Can J Bot* 51 (6): 1249-1250. June 1973

086433 470 C16C
Genus Crepidotus in Hawaii. Ueki, R *Can J Bot* 51 (6): 1251-1254. June 1973

086434 450 C333
Sowerbyella fagicola J. Moravec spec. nov., a new species from Czechoslovakia. (Cze) Moravec, J *Ceska Mykol* 27 (2): 65-68. Eng. Sum. 1973

086435 450 C333
Two rare quercicolous xanthochroic polypores in Czechoslovakia: Inonotus dryadeus (Pers. ex Fr.) Murrill & Inonotus dryophilus (Berk) Murrill. (Cze) Kotlaba, F *Ceska Mykol* 27 (2): 69-83. Map. Ref. Eng. Sum. 1973

086436 475 SA2
Notes on source of Japanese plant-name 'Furoso'. Etymological studies on Japanese plant-names. 1. (Geranium yes oense]. (Jap) Nakamura, H *Coll & Breed (tokyo)* 35 (4): 74-75. Apr 1973

086437 475 SCI23
On occurrence of Lagurus ovatus Linn. in India. Misri, B *Cur Sci* 42 (12): 439. June 20, 1973

086438 475 SCI23
New plant records from Goa. [Melothria leucocarpa, Ipomoea barlerioides, Scleria agricana]. Singh, N P *Cur Sci* 42 (13): 478. July 1973

086439 SB438.A1E8
Caudiciforms & zerophytes. [Plants]. Deane, J *Essex Succulent Rev* 10 (2): 31-33. June 1973

086440 SB438.A1E8
Name's same. [Cactaceae]. Brown, C G *Essex Succulent Rev* 10 (2): 37-39. June 1973

086441 500 C432B
Flora of Guatemala. IX. 3. Labiatae: Mint family. Standley, P C *Fieldiana Bot* 24 (3/4): 237-317. Apr 30, 1973

086442 500 C432B
Flora of Guatemala. IX. 4. Scrophulariacae. Standley, P C *Fieldiana Bot* 24 (3/4): 319-416. Apr 30, 1973

086443 500 C432B
Bignoniaceae of tropical North America. Williams, L O *Fieldiana Bot* 36 (4): 21-29. Apr 30, 1973

086444 450 F91
Ascosphaerales. [Bettsia, Ascosphaera]. Skou, J P *Friesia* 10 (1/2): 1-24. Ref. 1972 (Pub. Jan 1973)

086445 450 F91
Otto Friderich Muller & Boletus edulis, & edible mushroom. (Ger) Buchwald, N F *Friesia* 10 (1/2): 52-56. 1972 (Pub. Jan 1973)

086446 450 F91
Perithecial & pycnidial stages of Pyrenophora teres & Pyrenophora graminea in Denmark. [Barley]. Smedegard-Petersen, V *Friesia* 10 (1/2): 61-85. Ref. 1972 (Pub. Jan 1973)

086447 450 F91
A plea for retention of Sclerotinia sclerotiorum as type species for genus Sclerotinia Fckl. emend. Buchwald, N F *Friesia* 10 (1/2): 96-99. 1972 (Pub. Jan 1973)

086448 451 H262
Four new Brunfelsias from northwestern South America. Plowman, T *Harvard Univ Bot Mus Leafl* 23 (6): 245-272. June 15, 1973

086449 451 H262
Generic recognition of Brugmansia. Lockwood, T E *Harvard Univ Bot Mus Leafl* 23 (6): 273-284. Ref. June 15, 1973

086450 451 H262
A new Spiranthes from grasslands of central north America. [Magnicamporum]. Sheviak, C J *Harvard Univ Bot Mus Leafl* 23 (7): 285-297. June 22, 1973

086451 451 H262
Studies in American orchids. IX. Garay, L A *Harvard Univ Bot Mus Leafl* 23 (7): 299-304. June 22, 1973

086452 QH91.A1H4
Codiolophyceae, a new class of Chlorophyta. Kornmann, P *Helgol Wiss Meeresunters* 25 (1): 1-13. Ref. May 1973

086453 QH91.A1H4
Brachysporium belgolandicum nov. sp., a new deuteromycete on driftbarks in sea. (Ger) Schaumann, K *Helgol Wiss Meeresunters* 25 (1): 26-34. Eng. Sum. May 1973

086454 410 H992
Thermal springs of Bakreswar, India: Physico-chemical conditions, flora & fauna. Jana, B B *Hydrobiologia* 41 (3): 291-307. Ref. May 15, 1973

086455 410 H992
On variability of Stephanodiscus hantzschii Grun. [Diatoms]. (Ger) Kalbe, L *Hydrobiologia* 42 (1): 21-29. Ref. Eng. Sum. July 6, 1973

086456 QK575.R9K84
Hydrilla verticillata Rich. in Uzbekistan. (Rus) Keldibekov, S *In Kul'tivirovanie Vodoroslei i Vysshikh Vodnykh Rastenii V Uzbekistane* P. 132-135. 1972

086457 QK575.R9K84
Distribution of nitrogen-fixing Cyanophyta algae in central Asia. (Rus) Muzafarov, A M *In Kul'tivirovanie Vodoroslei i Vysshikh Vodnykh Rastenii V Uzbekistane* P. 86-98. 1972

086458 513 IN25B
Flowering habits of some species of Ischaemum Linn., & Sehima Forsk., found in parts of western India. Oke, J G *Indian Acad Sci Proc Sect B* 77 (6): 247-251. June 1973

086459 99.8 IN2
Genus Hedyotis Linn. in Maharastra State. Rao, R S *Indian Forest* 99 (6): 372-379. June 1973

086460 99.8 IN2
Correct botanical identity of some established old exotics in Himachal Pradesh. Kumar, A *Indian Forest* 99 (6): 380-390. Ref. June 1973

086461 464.8 IN2
Indian species of Ravenella on Abrus & Albizzia. Kapoor, J N *Indian Phytopathol* 25 (4): 551-554. Dec 1972

086462 464.8 IN2
Chaetomiaceae of Chhatarpur. Singh, S S *Indian Phytopathol* 25 (4): 602-603. Dec 1972

086463 99.8 IT12
In regard to variety apennina Giac. of Abies alba. (Ita) Giacobbe, A *Ital Forest Mont* 28 (1): 30-32. Jan/Feb 1973

086464 26 J822
Contribution to ethnobotany of Brou (Cambodia, Ratanakiri province). (Fre) Matras, J *J Agr Trop Bot Appl* 19 (1/3): 1-49. Map. Jan/Mar 1972 (Pub. 1973)

086465 450 J8223
New or noteworthy flowering plants form eastern Himalaya. 12. Hara, H *J Jap Bot* 48 (4): 1-7. Apr 1973

086466 450 J8223
Genus Leuconeurospora. Udagawa, S I *J Jap Bot* 48 (4): 15-20. Apr 1973

086467 450 J8223
Supplement of flora of Ryukyu & Formosa. 10. [Celastrus glaber, Maytenus emarginata]. (Jap) Yamazaki, T *J Jap Bot* 48 (4): 32. Apr 1973

086468 450 J8223
Two South American Frullanias, Frullanias mirabilis & Frutlanias pendulostyla. Hattori, S *J Jap Bot* 48 (4): 8-14. Ref. Apr 1973

086469 474 K842
General staff like maps of floristics. (Ger) Schonfelder, P *Kosmos* 69 (6): 240-245, Map. June 1973

086470 410.9 L59ZO
Some new discoveries of Halacaridae in Netherlands. (Dut) Polderman, P J G *Leyden Rijks Mus Nat Hist Zool Bijdr* 13: 41-42. Eng. Sum. Dec 29, 1972

086471 442.8 L77
Peyote: an introduction, [Lophophora, drug plants]. McLaughlin, J L *Lloydia* 36 (1): 1-8. Ref. Mar 1973

086472 442.8 L77
A new species of polyschema [indica] from Indian soil. Tiwari, D P *Lloydia* 36 (1): 88-90. Mar 1973

086473 442.8 L77
A new species of Trichosphaeria [kamatii] from India. Patil, A S *Lloydia* 36 (1): 91-92. Mar 1973

086474 59.9 C813
Taxonomy of Zea mays (Gramineae). [Corn]. Iltis, H H *Maize Genet Coop News Lett* 47: 205-207. Apr 15, 1973

086475 450 M88
Two new species of Archidium from Victoria, Australia. Stone, I G *Muelleria* 2 (4): 191-213. Ref. Apr 1973

086476 451 M92
Revision of genus Felicia (Asteraceae). (Ger) Grau, J *Munich Bot Staatssamml Mitt* 9: 195-705. Map. Ref. Apr 4, 1973

086477 451 M92
New & remarkable Neotropical Dilleniaceae. (Ger) Kubitzki, K *Munich Bot Staatssamml Mitt* 9: 707-720. Eng. Sum. Apr 4, 1973

086478 451 N622
Notes on Coprophilous Discomycetes in Japan. III. [Thecotheus, three species of Cheilymenia, & one species of Ascodesmis]. Otani, Y *Mycol Soc Jap Trans* 14 (1): 31-40. Ref. Apr 10, 1973

086479 451 N622
Proteophilous fungi & fireplace fungi: a preliminary report. [Forest soils]. Sagara, N *Mycol Soc Jap Trans* 14 (1): 41-46. Apr 10, 1973

086480 451 N622
Two records of Thielavia species from Thailand soil. Horie, Y *Mycol Soc Jap Trans* 14 (1): 47-51. Apr 10, 1973

086481 451 N622
Coprophilous Pyrenomycetes from Japan. III. Furuya, K *Mycol Soc Jap Trans* 14 (1): 7-30. Ref. Apr 10, 1973

086482 451 N622
Structure & evolution of fungi. (Jap) Terakawa, H *Mycol Soc Jap Trans* 14 (1): 83-101. Ref. Apr 10, 1973

086483 450 N21
Genus Arrojadoa. Mace, T *Nat Cactus Succulent J* 28 (2): 37-38. June 1973

086484 450 N21
Notes on Ethiopian Stapeliads. [Caralluma furta]. Gilbert, M G *Nat Cactus Succulent J* 28 (2): 43-44. Jun 1973

086485 450 N21
New combinations & a key for genus Argyroderma N.E.Br. (Mesembryanthemaceae Fenzl). Hartmann, H *Nat Cactus Succulent J* 28 (2): 48-50. June 1973

086486 Q180.J3K6
Revision of Hypocreales with cultural observations. IV. genus Hypocrea & its allies in Japan. 2. Enumeration of species. Doi, Y *Nat Sci Mus (tokyo)* 15 (4): 649-751. Dec 22, 1972

086487 G3.N3
Welwitschia mirabilis: a most remarkable living plant from South West Africa. Bornman, C H *Natl Geogr Soc Res Rep* P. 9-20. 1973

086488 410.9 N21
Flora & vegetation of an Ardennes valley: L'Almache or Gembes stream, between Gembes & Daverdisse (province of Luxembourg, Belgium). (Fre) Duvigneaud, J *Natur Belg* 54 (3): 116-129. Map. Ref. Mar 1973

086489 410.9 N21
Partial areas of Equisetum telmateia Ehrh. In Belgium & some new interesting stations. (Fre) Cotthem, W Van *Natur Belg* 54 (4): 162-169. Map. Ref. Apr 1973

086490 464.9 N48
Auckland water plants. Mason, R *New Zeal Dep Sci Indus Res Inform Ser* 92, 20 P. 1973

086491 502 N812
Further information on Lower & Middle Devonian spores from Dickson Land, Spitsbergen. Allen, K C *Norsk Polarinst Arbok* P. 43-54. Ref. 1973

086492 94.69 N81
A bibliography on Corylus (Betulaceae) with annotations. Kasapligil, B *Northern Nut Growers Ass Annu Rep* 63: 107-162. 1972

086493 94.69 N81
Interesting native fruit of Pacific NW. [Northwest]. Gibson, M D *Northern Nut Growers Ass Annu Rep* 63: 94-96. 1972

086494 450 N852 SUPPL.
Fungi Agaricini novazelandiae. I-V. Horak, E *Nova Hedwigia Beih* 43, 200 P. Ref. 1973

086495 QK504.F3
Stereocaulon arenarium (Sav.) M. Lamb, a hitherto over looked boreal-arctic lichen. Lamb, I M *Occas Pap Farlow Herb Cryptogam Bot Harv Univ* 2, 11 P. Ref. June 1972

086496 279.8 OC32
Waterlilies (Nymphaea). (Cze) Rivola, M *Ochr Prir* 28 (2): 38-39. Eng. Sum. 1973

086497 279.8 OC32
Pedicularis comosa L. in region of Povazska Bystrica. (Cze) Runkovic, G *Ochr Prir* 28 (2): 42-43. Eng. Sum. 1973

086498 279.8 OC32
Nature reserve of Pekarka near Ivancice. [Plants]. (Cze) Hrabetova-Uhrova, A *Ochr Prir* 28 (2, Suppl.): 5-8. 1973

086499 410 OP7
Limoniini from Zoological State Collection at Munich (Tipulidae, Diptera). (Ger) Mendl, H *Opusc Zool* 123, 7 P. Ref. Feb 15, 1973

086500 410 OP7
Revision of western Palearctic species of genus Nemeritis Holmgren. (Ger) Horstmann, K *Opusc Zool* 125, 14 P. Ref. Feb 15, 1973

086501 450 OS7
Revision of Fagonia species (Zygophyllaceae) with trito unifoliolate & simple leaves. El Hadidi, M N *Osterr Bot Z* 121 (5): 269-278. Ref. 1973

086502 475 P53
Algal communities of exposed & protected marine waters of Batangas & Bataan. Velasquez, G T *Philippine J Sci* 100 (1): 1-40. Map. Ref. Mar 1971 (Pub. 1973)

086503 450 P5622
Sesquiterpene lactones of Artemisia: TLC [thin layer chromatography] analysis & taxonomic significance. Kelsey, R G *Phytochemistry* 12 (6): 1345-1350. Ref. June 1973

086504 450 P563
Notes on species of Erythrina. VI. Krukoff, B A *Phytologia* 25 (1): 1-30. Dec 1972

086505 450 P563
Supplementary notes on American Menispermaceae. IX. [Abuta fluminum]. Krukoff, B A *Phytologia* 25 (1): 32-48. Dec 1972

086506 450 P563
Supplementary notes on American species of Strychnos. XII. Krukoff, B A *Phytologia* 25 (1): 49-54. Dec 1972

086507 450 P563
Transfer of Aster gentryi Standl. to genus Machaeranthera, sect. Psilactis. Turner, B L *Phytologia* 25 (2): 57-58. Dec 1972

086508 450 P563
New tree species from Esmeraldas, Ecuador. [chrysophyllum collinum]. Little, E L *Phytologia* 25 (2): 59-64. (Concluded) Dec 1972

086509 450 P563
Studies in Eupatorieae (Asteraceae). CXI. Additions to genus, Ophryosporus. King, R M *Phytologia* 25 (2): 65-67. Ref. Dec 1972

086510 450 P563
Additional notes on Eriocaulaceae. XL. [Bibliography]. Moldenke, H N *Phytologia* 25 (2): 68-99. Map. Dec 1972

086511 450 P563
Dactylostigma, a new genus of Convolvulaceae from Madagascar. Austin, D F *Phytologia* 25 (7): 425-429. Ref. Apr 1973

086512 450 P563
Notes on new & noteworthy plants. LVIII. Moldenke, H N *Phytologia* 25 (7): 430-432. Apr 1973

086513 450 P563
A ruellia [velutifolia] (Acanthaceae) species in Exogonium (Convolvulaceae). Wasshausen, D C *Phytologia* 25 (7): 433-437. Apr 1973

086514 450 P563
New combinations in Asclepiadaceae. Spellman, D L *Phytologia* 25 (7): 438. Apr 1973

086515 450 P563
Tribal revisions in Asteraceae. IV. relationships of Neurolaena, Schistocarpha & Alepidocline. Robinson, H *Phytologia* 25 (7): 439-445. Ref. Apr 1973

086516 450 P563
Tropical American plants. XIII. Williams, L O *Phytologia* 25 (7): 458-464. Apr 1973

086517 450 P563
New speices of Aphelandra (Acanthaceae). Wasshausen, D C *Phytologia* 25 (7): 465-502. Apr 1973

086518 450 P563
New taxa & combinations in Machaerium (Leguminosae). IV. Rudd, V E *Phytologia* 26 (2): 100-102. May 1973

086519 450 P563
Towson State Herbarium family index. Windler, D R *Phytologia* 26 (2): 103-115. May 1973

086520 450 P563
Two new Gypsophilous species of Machaeranthera (Asteraceae-Astereae) from North-Central Mexico. Turner, B L *Phytologia* 26 (2): 116-120. May 1973

086521 450 P563
Sommera [Rubiaceae] in North America. Williams, L O *Phytologia* 26 (2): 121-126. May 1973

086522 450 P563
Tropical American plants. XIV. [Rondeletiae]. Williams, L O *Phytologia* 26 (2): 127-130. May 1973

086523 450 P563
Notes on flora of Costa Rica. 2. Hedyosmum of Chloranthaceae. Burger, W C *Phytologia* 26 (2): 131-135. May 1973

086524 450 P563
Additional notes on Eriocaulaceae. XIIV. Moldenke, H N *Phytologia* 26 (2): 136-147. May 1973

086525 450 P563
Studies in Ichnanthus (Gramineae). III. Additional new taza in section Foveolata. Rogers, K E *Phytologia* 26 (2): 57-66. May 1973

086526 450 P563
Schlegelia costaricensis. A familial transfer to Boraginaceae. Gentry, A H *Phytologia* 26 (2): 67-68. May 1973

086527 450 P563
Tribal revisions in Asteraceae. V. relationship of Rigiopappus. Robinson, H *Phytologia* 26 (2): 69-70. May 1973

086528 450 P563
Tribal revisions in Asteraceae. VI. relationship of Eriachaenium. Robinson, H *Phytologia* 26 (2): 71-72. May 1973

086529 450 P563
Tribal revisions in Asteraceae. VII. relationship of Isoetopsis. Robinson, H *Phytologia* 26 (2): 73-75. May 1973

086530 450 P563
Tribal revisions in Asteraceae. VIII. A new tribe, Ursineae. Robinson, H *Phytologia* 26 (2): 76-85. Ref. May 1973

086531 450 P563
Range of Prunus americana in New England. Seymour, F C *Phytologia* 26 (2): 97-99. May 1973

086532 450 P563
Tribal revisions in Asteraceae. IX. relationship of Ischnea. Robinson, H *Phytologia* 26 (3): 153-158. Ref. June 1973

086533 450 P563
Tribal revisions in Asteraceae. X. relationship of Plagiocheilus. Robinson, H *Phytologia* 26 (3): 159-162. June 1973

086534 450 P563
Tribal revisions in Asteraceae. XI. A new tribe, Eremothamneae. Robinson, H *Phytologia* 26 (3): 163-166. June 1973

086535 450 P563
Studies in Eupatorieae (Asteraceae). CXII. A new species of Ferreyrella. King, R M *Phytologia* 26 (3): 167-169. June 1973

086536 450 P563
Studies in Eupatorieae (Asteraceae). CXIII. A new genus, Matudina. King, R M *Phytologia* 26 (3): 170-173. June 1973

086537 450 P563
Identity of Perrottetia costaricensis Lundell & Perrottetia racemosa Standley. Agostini, G *Phytologia* 26 (3): 174. June 1973

086538 450 P563
New combinations in Cactaceae subfamily Opuntioideae. Robinson, H *Phytologia* 26 (3): 175-176. June 1973

086539 450 P563
Notes on new & noteworthy plants. LIX. Moldenke, H N *Phytologia* 26 (3): 177-179. June 1973

086540 450 P563
Additional notes on Eriocaulaceae. XLV. Moldenke, H N *Phytologia* 26 (3): 179-202. (Continued). June 1973

086541 450 P563
Combination of Begonia fuchsiaefolia (A.DC) Warburg. Baranov, A I *Phytologia* 26 (4): 217-220. July 1973

086542 450 P563
Transfer of Relbunium sphagnophilum (Rubiaceae) & Relbunium mazocarpum to Galium. Dempster, L T *Phytologia* 26 (4): 221-223. July 1973

086543 450 P563
Additional notes on Eriocaulaceae. XLVI. Moldenke, H N *Phytologia* 26 (4): 226-262. July 1973

086544 450 P563
Geophila (Rebiaceae) in North America. Williams, L O *Phytologia* 26 (4): 263-264. July 1973

086545 450 P563
Studies in Mexican & Central American Solanaceae. Gentry, J L *Phytologia* 26 (4): 265-278. July 1973

086546 450 P563
A new Swartzia [rediviva] from Suriname. Cowan, R S *Phytologia* 26 (4): 279-280. July 1973

086547 450 P563
Notes on new & noteworthy plants. LX. Moldenke, H N *Phytologia* 26 (5): 224-226. July 1973

086548 SB950.A1P3
Weed flora of Andhra Pradesh. [India]. Singh, D J C *PAns Pest Artic News Summ* 19 (2): 223-229. June 1973

086549 S15.E892
Sources of maize with multilayer aleurone. (Por) Blumenschein, A *Relat Cient Univ Sao Paulo Esc Super Agric Luiz de Queiroz Dep Genet Inst Genet* 6: 29-30. Eng. Sum. 1972

086550 S15.E892
Origin of maize from Amazonas River mouth. (Por) Blumenschein, A *Relat Cient Univ Sao Paulo Esc Super Agric Luiz de Queiroz Dep Genet Inst Genet* 6: 31-32. Eng. Sum. 1972

086551 442.8 R328
Contributions to study of ferns of Costa Rica. III. Two new species & a note about Neurocallis Fee. [Elaphoglossum]. (Spa) Gomez P., L D *Rev Biol Trop* 20 (2): 181-187. Eng. Sum. Dec 1972

086552 442.8 R328
Keys to genera of grasses of Costa rica. Pohl, R W *Rev Biol Trop* 20 (2): 189-219. Ref. Dec 1972

086553 442.8 R328
Karatophyllum bromelioides L. D. Gomez (Bromeliaceae), new genus & species, from Middle Tertiary of Costa Ric a. (Spa) Gomez P., L D *Rev Biol Trop* 20 (2): 221-229. Ref. Eng. Sum. Dec 1972

086554 450 R325
Hepaticae of Sardinia: Enumeration, ecological & biogeographical notes. (Fre) Bischler, H *Rev Bryol Lichenol* (New Ser.) 38 (3/4): 325-419. Map. Ref. 1971/72 (Pub. 1973)

086555 450 R325
Contribution to study of genus Sphagnum. 2. Peat mosses of Preuilly forest. (Fre) Jelenc, F *Rev Bryol Lichenol* (New Ser.) 38 (3/4): 553-577. Map. Ref. 1971/72 (Pub. 1973)

086556 450 R325
Riella gamundiae Hassel n. sp. (Hepaticae) second species of genus found in South America. (Spa) Hassel de Menendez, G G *Rev Bryol Lichenol* (New Ser.) 38 (3/4): 579-586. Ref. 1971/72 (Pub. 1973)

086557 450 R325
Muscological publications of E. S. Salmon. Crosby, M R *Rev Bryol Lichenol* (New Ser.) 38 (3/4): 587-589. 1971/72 (Pub. 1973)

086558 450 R325
Some mosses from Chad. [Musci]. (Fre) Bizot, M *Rev Bryol Lichenol* (New Ser.) 38 (3/4): 591-592. 1971/72 (Pub. 1973)

086559 450 R325
Corrections. [Musce, taxonomy]. (Fre) Bizot, M *Rev Bryol Lichenol* (New Ser.) 38 (3/4): 593-594. 1971/72 (Pub. 1973)

086560 450 R325
A new locality of Cinclidotus danubicus Schiffn. & Baumgart. in France. (Fre) Boros, A *Rev Bryol Lichenol* (New Ser.) 38 (3/4): 605. 1971/72 (Pub. 1973)

086561 450 R325
Riccia crustata Lev., a Hepaticae new for France. (Fre) Jovet-Ast, S *Rev Bryol Lichenol* (New Ser.) 38 (3/4): 606. 1971/72 (Pub. 1973)

086562 80 R3212
Roses with false names. (Fre) Cornuz, L *Rev Hort Suisse* 46 (6): 134-136. June 1973

086563 QE901.R4
In memoriam: O.G.E. (Gunnar) Erdtman (1897-1973). [Palynology]. Nilsson, S *Rev Palaeobot Palynol* 15 (1): 1-2. Mar 1973

086564 QE901.R4
Investigations of North American cycadeoids: Williamsonian cones from Jurassic of Oaxaca, Mexico. [Palaeobotany]. Delevoryas, T *Rev Palaeobot Palynol* 15 (1): 27-42. Ref. Mar 1973

086565 QE901.R4
Lacoea, a Lower Pennsylvanian noeggerathialian cone from Illinois. Leary, R L *Rev Palaeobot Palynol* 15 (1): 43-50. Ref. Mar 1973

086566 QE901.R4
Noeggerathia dickeri n.sp. from Carboniferous of Sinai. [Palaeobotany]. Horowitz, A *Rev Palaeobot Palynol* 15 (1): 51-56. Ref. Mar 1973

086567 450 R34
A revision of North American & Caribbean Melanthera (Compositae). Parks, J C *Rhodora* 75 (802): 169-210. Ref. June 1973

086568 450 R34
Senecio anonymus Wood, & earlier name for Senecio smallii Britton. Kowal, R R *Rhodora* 75 (802): 211-219. June 1973

086569 450 R34
Palynological evidence for late glacial occurrence of Pringlea & Lyallia on Kerguelen Islands. Young, S B *Rhodora* 75 (802): 239-247. Map. Ref. June 1973

086570 450 R34
Phytogeography of carices of Virginia. [Carex, cymophyllus]. Harvill, A M *Rhodora* 75 (802): 248-257. Map. June 1973

086571 450 R34
Marine algae of Virginia & Maryland including Chesapeake Bay area. Ott, F D *Rhodora* 75 (802): 258-296. Ref. June 1973

086572 450 R34
A range extension & a new synonym for Astragalus polaris Benth. Barneby, R C *Rhodora* 75 (802): 304-305. June 1973

086573 450 R34
Status of Ramalina subampliata (Nyl.) fink. in North America. Bowler, P A *Rhodora* 75 (802): 306-310. Ref. June 1973

086574 450 R34
Vascular flora of Kent Island, Grand Manan, New Brunswick. McCain, J *Rhodora* 75 (802): 311-322. June 1973

086575 470 SCI29
Vascular plants of Moss Lake sanctuary – Allegany, County, N.Y. Cook, E E *Sci Stud* 29: 7-34. Ref. 1973

086576 S15.I692
Forest species of softwood native of Bahia. (Por) Ribeiro, M A *Ser Apostila IPEAL (inst Pesqui Agropecu Leste)* 4, 14 P. 1972

086577 QK1.S6
Genera of bamboos native to New World (Gramineae: Bambusoideae). McClure, F A *Smithson Contrib Bot* 9, 148 P. Ref. 1973

086578 511 H365ME
Results & prospects in study of flora of Finland. (Fin) Jalas, J *Soc Fauna Flora Fenn Mem* 48: 35-44. Eng. Sum. 1972

086579 511 H365ME
Higher aquatic & littoral flora in polyhumic Lake Hakojarvi. (Ger) Tikkanen, T *Soc Fauna Flora Fenn Mem* 48: 55-61. Ref. Eng. Sum. 1972

086580 511 H365ME
Observations on phytoplankton in eutrophied & non-eutrophied archipelago waters of southern coast of Finland. Niemi, A *Soc Fauna Flora Fenn Mem* 48: 63-74. Map. Ref. 1972

086581 511 H365ME
Taraxacum flora of southern Germany & Austria. (Ger) Sahlin, C I *Soc Fauna Flora Fenn Mem* 48: 75-84. Ref. Eng. Sum. 1972

086582 511 H365ME
Dicranum groenlandicum in Finland. (Ger) Hegewald, E *Soc Fauna Flora Fenn Mem* 48: 85-87. Eng. Sum. 1972

086583 442.8 SO12
Vegeataion of Spain. Iii. (Spa) Rivas-Martinez,s *Soc Ital Biol Sperim Boll* 70 (1/2): 153-162. Ref. Eng. Sum. 1972

086584 409.6 SO8
New plant records for New Mexico. Hartman, R L *Southwest Natur* 18 (2): 241-242. June 29, 1973

086585 450 SY2
Study of parasitic fungi & their host plants. (Ger) Speer, E O *Sydowia Ann Mycol* 25 (1-6): 1-34. Ref. 1971 (Pub. 1972)

086586 450 SY2
A short discussion of fungi flora of Tanganyika. (Ger) Gilli, A *Sydowia Ann Mycol* 25 (1-6): 128-129. 1971 (Pub. 1972)

086587 450 SY2
New records of Cercosporae from India. Narain, U *Sydowia Ann Mycol* 25 (1-6): 134-136. 1971 (Pub. 1972)

086588 450 SY2
A new species of tripospermum. [Jasmini]. Singh, S M *Sydowia Ann Mycol* 25 (1-6): 147-148. 1971 (Pub. 1972)

086589 450 SY2
Some new or interesting Rusts from Maharashtra-India. Patil, B V *Sydowia Ann Mycol* 25 (1-6): 149-156. 1971 (Pub. 1972)

086590 450 SY2
Some noteworthy rusts. IV. Nagaraj, T R *Sydowia Ann Mycol* 25 (1-6): 157-161. 1971 (Pub. 1972)

086591 450 SY2
Fungal collections from Rajasthan State of India. II. Goyal, J P *Sydowia Ann Mycol* 25 (1-6): 172-175. 1971 (Pub. 1972)

086592 450 SY2
Poeltia Petr. n. gen., a contribution to revision of genus Paranectria Sacc. (Ger) Petrak, F *Sydowia Ann Mycol* 25 (1-6): 176-179. 1971 (Pub. 1972)

086593 450 SY2
A new species of Sporotrichum. [Xylophila]. Agarwal, G P *Sydowia Ann Mycol* 25 (1-6): 219-221. 1971 (Pub. 1972)

086594 450 SY2
Errors in description or inserting of new species of Ascomycetes & fungi imperfecti, their causes & prevention. (Ger) Petrak, F *Sydowia Ann Mycol* 25 (1-6): 222-223. 1971 (Pub. 1972)

086595 450 SY2
Some foliicolous Cercospora species from Balaghat. [Cercospora flemingiae, India]. Singh, S M *Sydowia Ann Mycol* 25 (1-6): 225-231. Ref. 1971 (Pub. 1972)

086596 450 SY2
Myxomycetes of Himachal Pradesh. I. [India]. Lakhanpal, T N *Sydowia Ann Mycol* 25 (1-6): 232-239. 1971 (Pub. 1972)

086597 450 SY2
Studies on Elsinoe & Sphaceloma diseases of plants in Maharashtra State (India. VII. [Sphaccloma madlucae & Sphaceloma sideroxylonis]. Wani, D D *Sydowia Ann Mycol* 25 (1-6): 47-50. 1971 (Pub. 1972)

086598 450 SY2
Some interesting Fungi Imperfecti from India. [Volutina indica, Cytospora shinhagadensis]. Rao, V G *Sydowia Ann Mycol* 25 (1-6): 51-53. 1971 (Pub. 1972)

086599 450 SY2
Some new & noteworthy fungi from India. VIII. Rao, R *Sydowia Ann Mycol* 25 (1-6): 54-57. 1971 (Pub 1972)

086600 450 SY2
Some new & noteworthy fungi from India. IX. Rao, R *Sydowia Ann Mycol* 25 (1-6): 58-61. 1971 (Pub. 1972)

086601 450 SY2
Contribution to our knowledge of Ascomycetes of India. XXVIII. Tilak, S T *Sydowia Ann Mycol* 25 (1-6): 62-65. 1971 (Pub. 1972)

086602 450 SY2
A new genus Harikrishnaella from India. Singh, D V *Sydowia Ann Mycol* 25 (1-6): 66-69. 1971 (Pub. 1972)

086603 450 SY2
Some new & noteworthy fungi from India. VI. Rao, R *Sydowia Ann Mycol* 25 (1-6): 70-73. 1971 (Pub. 1972)

086604 450 SY2
Contribution to our knowledge of Ascomycetes of India. XXX. [Gibberidea zizyphi, Hypocrea munkii, Trematospha-eria indica]. Tilak, S T *Sydowia Ann Mycol* 25 (1-6): 74-76. 1971 (Pub. 1972)

086605 450 SY2
Contribution to Austrian fungus flora. (Ger) Petrak, F *Sydowia Ann Mycol* 25 (1-6): 77-88. 1971 (Pub. 1972)

086606 513 T574AB
Embryo sac development in Trautvetteria japonica Sieb. et. Zucc. (Ranunculaceae). Tobe, H *Tohoku Univ Sci Rep Ser 4 (Biol)* 36 (4): 255-259. May 1973

086607 513 T574AB
Spores of Ceratopteris thalictroides, with notes on fossil record in Japan. Sohma, K *Tohoku Univ Sci Rep Ser 4 (Biol)* 36 (4): 267-269. May 1973

086608 451 T63B
Barbula rufofusca, a new species of moss from northwestern North America. Lawton, E *Torrey Bot Club Bull* 99 (6): 307-310. Nov/Dec 1972

086609 451 T63B
Fresh-water algae of New Jersey I. Cyanophyta of Musconetcong River. Moul, E T *Torrey Bot Club Bull* 99 (6): 311-312. Nov/Dec 1972

086610 451 T63M
A revision of genus Gaura (Onagraceae). Raven, P H *Torrey Bot Club Mem* 23 (1), 96 P. Dec 1972

086611 SB197.A1T7
Taxonomy of Acacia aneura complex. Pedley, L *Trop Grasslands* 7 (1): 3-8. Ref. Mar 1973

086612 SB197.A1T7
Temporal & spatial distribution of an annual flora in an arid region of western Australia. Mott, J J *Trop Grasslands* 7 (1): 89-97. Ref. Mar 1973

086613 442.8 UZ1
Murogenella syrdarjanica Sagd. Et Isanb., new species from soil of genus Murogenella Goos et Morris. [Fungi, soil microorganisms]. (Rus) Sagdullaeva, M Sh *Uz Biol Zhur* 1: 55-56. 1973

086614 514 W462R
Marine algae of Wellington area: a list of species. Adams, N M *Wellington Dominion Mus Rec* 8 (4): 43-98. Map. Ref. Oct 26, 1972

086615 S605.A1Z4
On deposits & development of a small bog in Oderwald mountains & relations of its origin to cultivations in its surroundings. [Pollen analysis (Ger) Grosse-Brauckmann, G *Z Kulturtech Flurbereinig* 14 (3): 132-143. Eng. Sum. May/June 1973

PLANT ECOLOGY

086616 512 W262
Long-term changes in plankton of eutrophic Mikolajskie Lake as an effect of accelerated eutrophication. Spodniewska, I *Acad Polon Sci Bull Ser Sci Biol* 21 (3): 215-221. Ref. 1973

086617 505 P21 (3)
Development of climate & vegetation of eastern extremity of Pyrenees at Tardiglaciary & Postglaciary, after pollinic analysis. (Fre) Jalut, G *Acad Sci (paris) C R Ser D* 276 (19): 2653-2656. Map. May 9, 1973

086618 442.8 AC86
Investigation of Cynodonti-Poetum angustifoliae communities in controlled environment. Horvath, I *Acta Biol (Szeged)* (New Ser.) 18 (1/4): 21-26. 1972

086619 442.8 AC86
Production tests in plant communities of meadow-land with Solonetz soil. III. Zone of Agrosti-Alopecuretum. Bodrogkozy, Gy *Acta Biol (Szeged)* (New Ser.) 18 (1/4): 3-13. 1972

086620 21.5 AG84
Weeds as indicator plants of microrelief of cultivated agricultural land in Central Podravina. (Cro) Kovacevic, J *Agron Glas* 36 (7/8): 429-438. Ref. 1972

086621 442.9 AK17
General dynamic features of willow forests in Ob bottom land near channel. [Salix, plant succession]. (Rus) Bokk, E N *Akad Nauk Sssr Sibirsk Otd Biol Inst Tr* 15: 124-132. 1972

086622 442.9 AK17
Interrelations of cedar & deciduous trees in process of crop formation. [Cedrus, ecology]. (Rus) Talantsev, N K *Akad Nauk Sssr Sibirsk Otd Biol Inst Tr* 15: 72-78. Ref. 1972

086623 442.9 AK17
Water regime & interrelations of timber species in initial growth period. [Forest ecology]. (Rus) Lamin, L A *Akad Nauk Sssr Sibirsk Otd Biol Inst Tr* 15: 79-83. 1972

086624 84 AL6
Soldanellas & melting snow. Rogers, M A T *Alp Gard Soc Quart Bull* 41 (2): 134-137. June 1973

086625 13 G28
Herbage map of Grand Duchy of Luxembourg, [Pastures, meadows]. (Fre) Noirfalise, A *Ann Gembloux* 78 (3): 167-177. Map. 1972

086626 QH91.A1A5
Evolution of plankton biocenosis of Lake Annecy. [Algae]. (Fre) Balvay, G *Ann Hydrobiol* 3 (2): 93-116. Ref. Eng. Sum. 1972

086627 500 AR44
Survey of floodplain vegetation along lower Gila River in southwestern Arizona. Haase, E F *Ariz Acad Sci J* 7 (2): 75-81. Ref. June 1972

086628 451 AR6J
Succession. [Vegetation]. Drury, W H *Arnold Arboretum J* 54 (3): 331-368. Ref. July 1973

086629 508 B45
History of moors & vegetation of Schwarzenegg & 'Molassenvorland' between Aar River Valey below Thun & upper Emmental. (Ger) Heeb, K *Bern Naturforsch Ges Mitt* (New Ser.) 29: 3-54. Ref. Oct 1972

086630 410.9 B47
Note on distribution of Callitriche in Sologne & in limitrophic regions. (Fre) Schotsman, H D *Biarritz Cent Etud Rech Sci Bull* 9 (1): 19-52. Ref. Sept 1, 1972

086631 410.9 B47
Climatic conditions of a lichen station of Basque coast. (Fre) Pueyo, G *Biarritz Cent Etud Rech Sci Bull* 9 (1): 69-80. Sept 1, 1972

086632 410.9 B47
Introduction to study of western Pyrenean mountain environment: General ecology & methodology, phytocoenotic structures, pastoral ecosystem, phytoendimism & history of population, ecobiocoenotic & bi (Fre) Dendaletche, C *Biarritz Cent Etud Rech Sci Bull* 9 (2): 141-207. Map. Ref. 1972

086633 410.9 B47
Climatic conditions of a lichen station of Basque coast. (Fre) Pueyo, G *Biarritz Cent Etud Rech Sci Bull* 9 (2): 209-220. 1972

086634 56.8 B52
Living influences on plant development. Podolinsky, A de *Bio-dynamics* 106: 1-10. Spring 1973

086635 410 B52
Phytosociological study of a marsh reserve, Molsbroek, at Lokeren. (Dut) Kuyken-Quintelier, H *Biol Jaarb* 40: 254-270. Map. Ref. Eng. Sum. 1972

086636 SD1.B71
Ecological solutions of hydraulic-forest problems. (Por) Coimbra-Filho, A F *Bras Florestal* 4 (13): 4-19. Ref. Jan/Mar 1973

086637 450 B84
Studies on bryophytes of southern Manitoba. VII. Distribution of terrestrial bryophytes in a black spruce bog in Bird's Hill Provincial Park. Stringer, P W *Bryologist* 76 (2): 252-259. Ref. Summer 1973

086638 QH540.S7
Comparison of two techniques for assessing denitrification in terrestrial ecosystems. Todd, R L *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 277-278. 1973

086639 QH540.S7
Autoradiographic techniques to detect active microbialcells in natural habitats. [Fungi]. Waid, J S *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 317-322. 1973

086640 QH540.S7
Continous cultures of an alga & its garzer. [Chlamydomonas reinhardi]. Taub, F B *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 3710377. 1973

086641 QH540.S7
Educing functional relationships among diatom assemblage within sublittoral salt march epiphytic communities. Lee, J J *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 3879 1973

086642 450 C115
Arid regions. [Vegetation]. (Spa) Pina Lujan, I *Cactaceas Suculentas Mex* 18 (2): 36-40. Eng. Sum. Apr/June 1973

086643 99.9 C1694
Legal & regulatory aspects of gene pool maintenance in ecological reserves. Franson, R T *Can Comm Forest Tree Breeding Proc* P. 51-66. 1973

086644 470 C16C
Preliminary studies on ecology of palsa mounds in northern Ontario. Railton, J B *Can J Bot* 51 (5): 1037-1044. Ref. May 1973

086645 470 C16C
Seasonal changes in standing crop of two montane sedges. [Carex, Carex aquatilis]. Gorham, E *Can J Bot* 51 (6): 1097-1108. June 1973

086646 470 C16C
Studies on lichen-dominated systems. III. Phytosociology of a raised-beach system near Cape Henrietta Maria, northern Ontario. Neal, M W *Can J Bot* 51 (6): 1115-1125. Ref. June 1973

086647 470 C16C
Studies on lichen-dominated systems. IV. objective analysis of Cape Henrietta Maria raised-beach systems. [Plant ecology]. Kershaw, K A *Can J Bot* 51 (6): 1177-1190. Ref. June 1973

086648 470 C16C
Plant composition and species relations on the Huntingdon marsh, Quebec. Auclair, A N *Can J Bot* 51 (6): 1231-1247. Ref. June 1973

086649 450 C16
Effects of companion crops & their management on undersown forage seedling environment. Genest, J *Can J Plant Sci* 53 (2): 285-290. Apr 1973

086650 442.9 D23B
Jutland dwarf shrub heaths. Experimental investigations on influence on vegetation of various types of heath management. (Dan) Bocher, T W *Danske Videnskabernes Selskab Biol Skr* 19 (5), 55 P. Map. Ref. Eng. Sum. 1972

086651 24 EA74
Dynamic aspects of secondary vegetation in Arusha National Park, Tanzania. Vesey-Fitzgerald, D F *East Afr Agr Forest J* 38 (3): 314-327. Map. Jan 1973

086652 410 EC72
Ecology of knobcone pine in Santa Ana Mountains, California. [Pinus attenuata]. Vogl, R J *Ecol Monogr* 43 (2): 125-143. Map. Ref. Spring 1973

086653 410.9 EC7
Grassland ecosystem evaluation. Coleman, D C *Ecol Soc Amer Bull* 54 (2): 8-10. June 1973

086654 107.6 EH33
Studies of micrometerology in citrus orchard & energy balance of plant leaf. (Jap) Takechi, O *Ehime Univ Mem Sect Vi Agr* 17 (2): 51-184. Ref. Eng. Sum. Mar 1973

086655 512 W263B
An attempt to define probability of simultaneous occurrence of plant species in phytosociological surveys. [Weeds]. (Pol) Borowiec, S *Ekol Pol Ser B* 18 (1): 38-40. 1972

086656 QH540.E3
Water, soil & ecological characteristics of certain vegetation types: forest, meadow & forest-steppe components. (Rus) Ponomareva, V V *Ekologiia* 6: 35-47. Ref. 1972

086657 QH540.E3
Vegetation dynamics of lrge sandy areas in ancient & modern delta of Syr-Darya River. Plant ecology. (Rus) Chalidze, F N *Ekologiia* 6: 48-51. 1972

086658 QH540.E3
Ecology in USSR: state, main trends & prospects. [Plant ecology]. (Rus) Shvarts, S S *Ekologiia* 6: 5-12. 1972

086659 QH540.E3
Succession of plant communities in foothills of Kopet-Dag Mountains in connection with formation of granulometric & geochemical phases of proluvial deposits. (Rus) Ataev, E A *Ekologiia* 6: 52-55. 1972

086660 TD172.E52
Life form succesion in plant communities on colliery waste tips. Down, C G *Environ Pollut* 5 (1): 19-22 July 1973

086661 22 F223
Reclaiming deserts. [U.S.S.R]. Reut, V *Farm J (calcutta)* 14 (3): 28-29. Jan 1973

086662 SF1.A4
Ecology of aspen groves & their invasion into grassland. Scheffer, E J *Feeders' Day Dep Anim Sci Univ Alberta* 51St: 49-50. June 1972

086663 SF1.A4
Western snowberry in grassland areas of parkland. [Symphoricorpus occidentalis, Canada]. Wheeler, G W *Feeders' Day Dep Anim Sci Univ Alberta* 51St: 50-51. June 1972

086664 99.8 F7723
Ecological impact of tropical forests on environment. (Ger) Lamprecht, H *Forstarchiv* 44 (6): 117-123. Ref. Eng. Sum. June 1973

086665 80 G1635
A unique & threatened flora. Schofield, E K *Gard J* 23 (3): 68-73. June 1973

086666 464.8 G33
Effect of mass propagation of Setaria & Amaranthus species on biocenosis in corn & vegetable cultures. (Ger) Engel, *Gesunde Pflanzen* 25 (5): 88, 90-94. May 1973

086667 410 H992
Summer algal communities & primary productivity in fish ponds. Boyd, C E *Hydrobiologia* 41 (3): 357-390. Ref. May 15, 1973

086668 TD172.E55
Planting indicators in ecology. Grigal, D F *Indic Environ Qual* 1: 257-267. Ref. 1971 (Pub. 1972)

086669 410 J828
A numerical investigation of momentum balance of a spruce forest. [Picea sitchensis]. Landsberg, J J *J Appl Ecol* 10 (2): 645-655. Ref. Aug 1973

086670 410 J828
Fluxes of visible & net radiation within a forest canopy. Kinerson, R S *J Appl Ecol* 10 (2): 657-660. Ref. Aug 1973

086671 99.8 N62
Relation between site condition & circulation of nutrients in forest ecosystem. I. Litter fall & nutrient contents. (Jap) Katagiri, S *Jap Forest Soc J* 55 (3): 83-90. Eng. Sum. Mar 1973

086672 442.8 K84
Remarks on some problems in theory of phenology from point of view of geography & ecology. [Plants]. (Pol) Riabinin, S *Kosmos Ser A Biol* 22 (2): 169-174. 1973

086673 99.8 K99
Studies on natural regeneration of Moni (Abies firma S. et.Z., Japanese fir) & Tsuga (Tsuga (Tsuga sieboldii Carr., Japanese hemlock). (Jap) Yuruki, T *Kyushu Univ Res Inst Univ Forests Bull Kyushu Univ Forests* 47: 77-124. Ref. Eng. Sum. Mar 1973

086674 99.8 L569
Contribution to knowledge on distribution of acid beech stands in submountainous & mountainous areas of Carpathians. [Fagus, plant ecology]. (Slo) Hancinsky, L *Lesn Cas* 19 (1): 23-38. Ref. Eng. Sum. 1973

086675 410 L57
Gagea [lutea] of Kekerdom. (Dut) Weeda, E J *Levende Natuur* 76 (4): 80-83. Ref. Eng. Sum. Apr 1973

086676 105.9 K696
On behaviour of thermo-microclimate of typical vineyards in Czechoslovakia. (Ger) Polakovic, F *Mitt Rebe Wein Obstbau Fruchteverwert* 23 (1): 21-26. Eng. Sum. Jan 1973

086677 275.29 M76NO
Timing green wave. [Phenology, plants]. Caprio, J *Mont State Univ Coll Agric Coop Ext Serv Now* 9 (3): 6-7. Map. Spring 1973

086678 SD1.M6
Interactions between biotic & abiotic factors in forest of Latemar (Bolzano). (Ita) Susmel, L *Monti Boschi* 23 (6): 3-14. Ref. Eng. Sum. Nov/Dec 1972

086679 99.8 N28
Vegetative mapping & suitability of a stand of Scots pine. [Pinus sylvestris]. (Dut) Jansen, J J *Ned Bosbouw Tijdschr* 45 (5): 169-176. Ref. Eng. Sum. May 1973

086680 410 OI4
Spatial pattern of fungal species from an oak forest litter. [Quercus]. (Fre) Mignolet, R *Oikos* 24 (1): 123-127. Ref eng. Sum. 1973

086681 410 OI4
Contemporary pollen studies in a native Scots pine ecosystem. [Pinus sylvestris]. O'Sullivan, P E *Oikos* 24 (1): 143-150. Map. Ref. 1973

086682 450 OS7
Application of computers for phytosociological table-work. (Ger) Holzner, W *Osterr Bot Z* 121 (5): 303-309. Ref. Eng. Sum. 1973

086683 19.5 P752
Definition of biological environment of typical vineyards & wine-growing in Czechoslovakia. (Slo) Veres, A *Polnohospodarstvo* 19 (3): 229-236. Eng. Sum. 1973

086684 450 R325
Surrounding circumstances in life of lichens of French Basque country. (Fre) Pueyo, G *Rev Bryol Lichenol* (New Ser.) 38 (3/4): 595-603. Ref. 1971/72 (Pub. 1973)

086685 99.8 R329
Ecological stations of Argentura-Mercantour mountain, for study of four high-mountain coniferous species: Larch, Siberian pine, pitch-pine, & mugo pine. [Larix decidua, Pinus]. (Fre) Sandoz, H *Rev Forest Franc* 2: 121-123. Map. Mar-/Apr 1973

086686 409.6 SO8
A model for phosphorus & potassium flux in a tall-grass prairie. Sheedy, J D *Southwest Natur* 18 (2): 135-149. Ref. June 29, 1973

086687 99.8 SY52
Ecological network of soils & plant associations of Great Poland National Park. (Pol) Borowiec, S *Sylwan* 117 (3): 57-65. Eng. Sum. Mar 1973

086688 513 T574AB
Pollen analytical studies of moors in lowlands in Iwate Prefecture. III. Nagai moor. [Plant ecology]. Yamanaka, M *Tohoku Univ Sci Rep Ser 4 (Biol)* 36 (4): 231-239. Ref. May 1973

086689 SB197.A1T7
Mulga lands of Australia, symposium held at Charleville, Queensland, August 22-24 1972. [Acacia aneura, ranges]. *Trop Grasslands* 7 (1): 170 P. Mar 1973

086690 SB197.A1T7
Vegetation of mulga lands with special reference to south-western Queensland. [Accacia aneura]. Boyland, D E *Trop Grasslands* 7 (1): 35-48. Ref. Mar 1973

086691 442.8 UZ1
Ecology & geography of some wild alfalfa species in central Asia. (Rus) Khasanov, O Kh *Uz Biol Zhur* 1: 34-36. Ref. 1973

086692 510 V672
Biochemical plant ecology. (Ger) Kinzel, H *Ver Verbr Naturwiss Kenntnisse Wien Schr* 112: 77-98. Ref. 1972

086693 S605.A1Z4
Bog-grassland & its plant sociological & ecological relations. (Ger) Schwaar, J *Z Kulturtech Flurbereinig* 14 (3): 197-203. Eng. Sum. May/June 1973

PLANT MORPHOLOGY, ANATOMY AND CYTOLOGY

086694 505 P21 (3)
Comparative study of development of cell surface & number of cells during androgenetic & zygotic embryogenesis in Nicotiana tabacum L. [Tobacco]. (Fre) Norreel, B *Acad Sci (paris) C R Ser D* 276 (19): 2657-2660. Ref. May 9, 1973

086695 505 P21 (3)
On possible existence of a natural unity of length of metaphasic chromosomes of Lolium perenne L.: module. (Fre) Reffye, P de *Acad Sci (paris) C R Ser D* 276 (19): 2661-2664. May 9, 1973

086696 505 P21 (3)
Cytophotometric study of cell types of an adult epidermis: Plurality of values in nuclear DNA of epidermic & stomatic cells of Solanum nigrum L. (Fre) Landre, P *Acad Sci (paris) C R Ser D* 276 (19): 2673-2676. Ref. May 9, 1973

086697 442.8 AC86
Teratology of lichenes in herbariums at Szeged. (Ger) Galle, L *Acta Biol (Szeged)* (New Ser.) 18 (1/4): 27-41 ref. 1972

086698 450 AC824
Cytoembryolocy of experimental hybrids between two related species of Ornithogalum L. Czapik, R *Acta Biol Cracov Ser Bot* 15 (2): 165-176. Ref. 1972

086699 450 AC824
Embryo sac & endosperm development in some representatives of group Ornithogalum gussonei from Poland. Zabinska, D *Acta Biol Cracov Ser Bot* 15 (2): 177-190. Ref. 1972

086700 450 AC824
Embryological studies in a tetraploid hybrid of Ranunculus subgenus Batrachium from Nowy Targ Basin (Poland). Turala, K *Acta Biol Cracov Ser Bot* 15 (2): 191-203. Ref. 1972

086701 450 AC824
An anatomical analysis of Paris quadrifolia L. Cyunel, E *Acta Biol Cracov Ser Bot* 15 (2): 205-208. 1972

086702 QH431.G44
Morphological variability of first leaf of seedlings (Carpinus betulus L.). (Cro) Slavnic, Z *Acta Biol Iugosl Ser F Genet* 4 (2): 171-181. Eng. Sum. 1972

086703 450 AC83
A new species of Aletris [makiyataroi] with an interesting corm. Naruhashi, N *Acta Phytotaxonom Geobot* 25 (4/6): 131-134. Mar 1973

086704 450 AC83
A note on genus Mitella of Japan. [Taxonomy, morphology]. (Jap) Wakabayashi, M *Acta Phytotaxonom Geobot* 25 (4/6): 136-153. Ref. Eng. Sum. Mar 1973

086705 442.8 AL6
Morphologicoanatomical structure of Rumex tianschanicus & localization of tannides in tissues of its organs. (Rus) Sagatov, S S *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 3: 31-33. 1973

086706 450 AM35
Observations of hypodermises of ferns. Payne, W W *Amer Fern J* 63 (2): 34-42. Apr/June 1973

086707 450 AM36
Morphology of glandular hairs of Cannabis sativa from scanning electron microscopy. Hammond, C T *Amer J Bot* 60 (6): 524-528. Ref. July 1973

086708 450 AM36
Effects of near ultraviolet & visible radiations on cell cycle kinetics in excised root meristems of Pisum sativum. [Peas]. Brown, S J *Amer J Bot* 60 (6): 554-560. July 1973

086709 450 AM36
Chromosome numbers in Mexican Asteraceae. Turner, B L *Amer J Bot* 60 (6): 592-596. Ref. July 1973

086710 80 AM329
Stanhopea eburnea & Stanhopea saccata. Teuscher, H *Amer Orchid Soc Bull* 42 (6): 510-515. June 1973

086711 80 AM329
Three 'faces' of Cattleya 'juanita Wong. Strack, L *Amer Orchid Soc Bull* 42 (6): 532-534. June 1973

086712 34.2 AN4
Pattern of anthocyanin pigment in Indian collection of Panicum miliare. Solomon, S *Andhra Agr J* 18 (3/4): 111-115. May/Aug 1971 (Pub. 1973)

086713 442.8 AR26
Flagellar structure of gametes of Ectocarpus siliculosus (Phaeophyta) as revealed by negative staining. Muller, D G *Arch Mikrobiol* 91 (4): 313-322. Ref. 1973

086714 442.8 AR26
Cell & lorica fine structure of chrysomonad alga. Dinobryon sertularia Ehr. (Chrysophyceae). Franke, W W *Arch Mikrobiol* 91 (4): 323-344. Ref. 1973

086715 442.8 AR26
Structure & plugging of septa of wild type & spreading colonial mutants of Neurospora crassa. Trinci, A P J *Arch Mikrobiol* 91 (4): 355-364. Ref. 1973

086716 500 AR44
Leaf variations in Vaquelinia californica populations of Arizona. Williams, K B *Ariz Acad Sci J* 7 (2): 47-50. Map. June 1972

086717 500 AR44
Root anatomy & growth responses of blue panicgrass (Panicum antidotale Retz.). Wright, L N *Ariz Acad Sci J* 7 (2): 82-84. Ref. June 1972

086718 451 AR6J
Chromosome counts in cultivated junipers. Hall, M T *Arnold Arboretum J* 54 (3): 369-376. July 1973

086719 451 AR6J
Cytology of West Himalayan Betulaceae & Salicaceae. Mehra, P N *Arnold Arboretum J* 54 (3): 412-418. July 1973

086720 442.8 AU72
Peroxidase activity & lignification in pod membrane of Pisum sativum L. [Peas]. Bowling, A C *Australian J Biol Sci* 26 (3): 679-684. Ref. June 1973

086721 381 B522
Mobility of membrane particles in chloroplasts. [Spinach]. Wang, A Y I *Biochim Biophys Acta* 305 (2): 488-492. May 30, 1973

086722 442.8 B5237
Morphological characterization of piping shoot from willow clones with interest for silviculture. (Hun) Simon, M *Biol Kozlemenyek* 20 (1/2): 91-101. Eng. Sum. 1972

086723 450 B652
Cellular differentiation of cambium in Pinaceae. Wodzicki, T J *Bot Gaz* 134 (2): 139-146. Ref. June 1973

086724 450 B652
Observations on stomatal apparatus of Orontium aquaticum (Araceae). Grear, J W *Bot Gaz* 134 (2): 151-153. June U973

086725 451 L64J
Structure of cells of mesophyll & parenchymatous bundle sheath of Gramineae. Carolin, R C *Bot J Linn Soc* 66 (4): 259-275. Ref. June 1973

086726 451 L64J
Crystals in woody stems. Scurfield, G *Bot J Linn Soc* 66 (4): 277-289. Ref. June 1973

086727 451 L64J
Observations on stylar heteromorphism in Solanum torvum Sw. (Solanaceae). Hossain, M *Bot J Linn Soc* 66 (4): 291-301. Ref. June 1973

086728 451 L64J
Chromosome numbers in Malawian Commelinaceae. Chimphamba, B B *Bot J Linn Soc* 66 (4): 303-306. Ref. June 1973

086729 451 L64J
Velamen & exodermis characters of West African epiphytic orchids in relation to taxonomic grouping & habitat tolerance. [Orchidaceae]. Sanford, W W *Bot J Linn Soc* 66 (4): 307-321. Ref. June 1973

086730 450 EN3B
Morphological study for definition & classification of Aizoaceae. (Ger) Hofmann, U *Bot Jahrbucher* 93 (2): 247-324. Ref. Eng. Sum. Apr 3, 1973

086731 450 N85
Contribution to relationship between alcaloidal & morphological character of Solanum dulcamara L. (Hun) Mathe, I *Bot Kozlemenyek* 59 (4): 237-240. Eng. Sum. 1972

086732 450 B84
A quantitagive study of Aloina, Aloinella, & Crossidium (Musci). Delgadillo M, C *Bryologist* 76 (2): 301-305. Summer 1973

086733 450 C115
Wood of Pereskia conzattii Britton adn Rose. (Spa) Crespo, J H *Cactaceas Suculentas Mex* 18 (2): 31-36. Eng. Sum. Apr-/June 1973

086734 451 C11
Structure of highly specialized carrion-flowers of stapeliads. [Ceropegieae]. Reese, G *Cactus Succulent J* 45 (1): 18-23. Jan/Feb 1973

086735 100 C12S (1)
Morpholoby & development of soybean plant. Knowles, P F *Calif Agr Exp Sta Bull* 862: 7-10. June 1973

086736 470 C16C
Cell wall structures of Epiciccum nigrum (Hyphomycetes. Brushaber, J A *Can J Bot* 51 (5): 1071-1073. May 1973

086737 470 C16C
Cytoplasmic & nuclear inclusions in leaf cells infected with Datura shoestring virus (DSV). Weintraub, M *Can J Bot* 51 (5): 855-861. Ref. May 1973

086738 470 C16C
Development of embryo sac of sunflower Helianthus annuus before fertilization. Newcomb, W *Can J Bot* 51 (5): 863-878. Ref. May 1973

086739 470 C16C
Development of embryo sac of sunflower Helianthus annuus after fertilization. Newcomb, W *Can J Bot* 51 (5): 879-890. Ref. May 1973

086740 470 C16C
Studies in Alismataceae. III. Floral anatomy of Ranalisma humile. Charlton, W A *Can J Bot* 51 (5): 891-897. Ref. May 1973

086741 470 C16C
Studies in Alismataceae. IV. Developmental morphology of Ranalisma humile & comparisons with two members of Butomaceae, Hydrocleis nymphoides & Butomus umbellatus. Charlton, W A *Can J Bot* 51 (5): 899-910. Ref. May 1973

086742 470 C16C
Developmental morphology & toxonomy of genus Arguscula Batista & Peres. Subramanian, C V *Can J Bot* 51 (5): 977-981. May 1973

086743 470 C16C
Pathological anatomy of conifer needle necrosis. Stewart, D *Can J Bot* 51 (5): 983-988. Ref. May 1973

086744 470 C16C
Conidium ontogeny in hyphomycetes. blastoconidia of Cladosporium herbarum & Torula herbarum. Hashmi, M H *Can J Bot* 51 (6): 1089-1091. June 1973

086745 470 C16C
Nonspiral androecium & gynoecium of Sagittaria latifolia. Singh, V *Can J Bot* 51 (6): 1093-1095. June 1973

086746 QH607.A1C4
Feulgen cytophotometric determination of DNA content of embryo proper & suspensor cells of Phaseolus coccineus. [Scarlet runner beans]. Brady, T *Cell Differ* 2 (2): 65-75. Ref. May 1973

086747 QH607.A1C4
Nuclear fragmentation in dedifferentiating cells of Nicotiana glauca pith tissue grown in vitro. Nuti Ronchi, V *Cell Differ* 2 (2): 77-85. Ref. May 1973

086748 442.8 C46
Abnormalities in synaptonemal complexes in pollen mother cells of a lily hybrid. [Lilum]. La Cour, L F *Chromosoma* 42 (2): 137-144. 1973

086749 442.8 C46
Synaptonemal-like complexes in Allium cepa microspores, an ultrastructural & cytochemical analysis. [Onions]. Esponda, P *Chromosoma* 42 (3): 335-344. Ref. 1973

086750 475 SA2
Illustrations of seedlings. 1. (Jap) Hiramatsu, N *Coll & Breed (tokyo)* 35 (4): 86-90. Apr 1973

086751 64.8 C883
A root tip squash technique for soybean chromosomes. Palmer, R G *Crop Sci* 13 (3): 389-391. May/June 1973

086752 475 SCI23
Abnormal stomata of Equisetum. Trivedi, B S *Cur Sci* 42 (12): 436-437. June 20, 1973

086753 475 SCI23
A natural tetraploid of Urginea coromandeliana Hk. f. Naik, V N *Cur Sci* 42 (12): 439-440. June 20, 1973

086754 442.8 EX7
Acetic-orcein, a new stain for detection of constitutive heterochromatin in plant & animal chromosomes. Vosa, C G *Exp Cell Res* 79 (2): 463-465. June 1973

086755 475 EX7
Tissue culture of Cynodon dactylon. Maroder, H L *Experientia* 29 (6): 727-728. Ref. June 15, 1973

086756 450 F58
Ultrastructure of mycelium of Verticilium dahliae studied by electron microscopy. (Rus) Balnokin, IU V *Fiziol Rast (mosc)* 20 (3): 625-627. Eng. Sum. 1973

086757 QH91.A1H4
Cytological studies on trichocysts. VI. Fine structure & mode of function of trichocysts in flagellate Oxyrrbis marina & ciliate Pleuronema marinum. (Ger) Hausmann, K *Helgol Wiss Meeresunters* 25 (1): 39-62. Ref. Eng. Sum. May 1973

086758 22.5 H613
Studies on hybridization in apple breeding. III. Callus fromation & organ differentiation from another culture. (Jap) Nakayama, R *Hirosaki Univ Fac Agr Bull* 19: 1-9. Ref. Eng. Sum. Dec 1972

086759 22.5 H613
Histological changes in abscission layers occurring in leaf fall of Satsuma orange. (Jap) Asada, T *Hirosaki Univ Fac Agr Bull* 19: 32-42. Ref. Eng. Sum. Dec 1972

086760 SB614.H9
Anatomy of emersed parrotfeather. [Myriophyllum brasiliense]. Sutton, D L *Hyacinth Control J* 11: 49-54. Ref. June 1973

086761 SB123.E48
Microspore genesis in varieties of winter wheat treated with chemical mutagens. (Ukr) Kononenko, O I *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 110-116. Ref. 1971

086762 SB123.E48
Cytogenetic & morphological effect of gamma-ray action & ethyleneimine on seeds of Juglans regia. (Ukr) Ruts'kyi, I A *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 238-246. 1971

086763 QH431.P7
Tissue differentiation in remote hybrids of wheat. (Rus) Ivanovskaia, E V *In Problemy Genetiki Razvitiia* P. 86-88. 1972

086764 QH605.M43
Physical conservation of parental cytoplasmic DNA through meiosis in Chlamydomonas reinhardi. Chiang, K S *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 1: 154-160. Ref. 1972

086765 QH605.M43
Meiotic behavior in mushroom Collybia maculata var. Scorzonerea. Huffman, D M *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 1: 161-166. Ref. 1972

086766 QH605.M43
Evidence from Sordaria that recombination & conversion frequencies are partly determined before meiosis, & for a general model of control of recombination frequencies. Lamb, B C *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 2: 11-24. Ref. 1972

086767 QH605.M43
Appearance of DNA breakage & repairs activities in synchronous meiotic cycle of Lilium. Howell, S H *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 4: 106-127. Ref. 1972

086768 QH605.M43
Inhibition of protein synthesis in meiotic cells & its effect on chromosome behavior. [Lilium]. Parchman, L G *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 4: 186-199. Ref. 1972

086769 QH605.M43
Nucleocytoplasmic interaction at nuclear envelope in post meiotic microspores of Pinus banksiana. Dickinson, H G *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 4: 206-209. 1972

086770 QH605.M43
DNA synthesis in relation to chromosome pairing & chiasma formation. [Trillium erectum]. Stern, H *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 4: 64-76. Ref. 1972

086771 QH605.M43
Analysis of DNA synthesis during meiotic prophase in Lilium. Hotta, Y *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 4: 77-95. Ref. 1972

086772 QH605.M43
Methylation of Lilium DNA during meiotic cycle. Hotta, Y *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 4: 96-105. Ref. 1972

086773 QK665.T74
Megaspore genesis & development of female gametophyte of Halimodendron halodendron. (Rus) Kerimova, A A *In Tsitoembriologicheskie Issledovaniia Rastenii Flory Azerb Aidzhana* P. 103-111. Ref. 1972

086774 QK665.T74
Embryological features of Hyacinthus romanus L. on Apsheron Peninsula. (Rus) Gambarova, R K *In Tsitoembriologicheskie Issledovaniia Rastenii Flory Azerb Aidzhana* P. 112-120. Ref. 1972

086775 QK665.T74
Embryological survey of Galanthus caspius (Rupr.) A. Qrossh). (Rus) Kapinos, G E *In Tsitoembriologicheskie Issledovaniia Rastenii Flory Azerb Aidzhana* P. 121-130. Ref. 1972

086776 QK665.T74
Cytoembryological study of ancient & rare species of Danae Medik. & Ruscus L. (Liliaceae family). (Rus) Kapinos, G E *In Tsitoembriologicheskie Issledovaniia Rastenii Flory Azerb Aidzhana* P. 4-49. Ref. 1972

086777 QK665.T74
Morphogenesis of female inflorescence of Laurus nobilis on Apsheron Peninsula. (Rus) Tagieva, O A *In Tsitoembriologicheskie Issledovaniia Rastenii Flory Azerb Aidzhana* P. 50-57. Ref. 1972

086778 QK665.T74
Megaspore genesis of Alurus nobilis. (Rus) Tagieva, O A *In Tsitoembriologicheskie Issledovaniia Rastenii Flory Azerb Aidzhana* P. 58-66. 1972

086779 QK665.T74
Development of female ovule of olive flower on Apsheron Peninsula. (Rus) Kuliev, N A *In Tsitoembriologicheskie Issledovaniia Rastenii Flory Azerb Aidzhana* P. 74-81. Ref. 1972

086780 QK665.T74
Comparative embryological study of Primula heterochroma & Primula voronowii. (Rus) Kagramanova, F V *In Tsitoembriologicheskie Issledovaniia Rastenii Flory Azerb Aidzhana* P. 82-92. Ref. 1972

086781 QK665.T74
On morphology & growth of pollen in species of order Leguminosales. (Rus) Kerimova, A A *In Tsitoembriologicheskie Issledovaniia Rastenii Flory Azerb Aidzhana* P. 93-102. Ref. 1972

086782 513 IN25B
Embryology of Oryza sativa Linn. Diploid & autotetraploid forms. [Rice]. Rangasamy, S R S *Indian Acad Sci Proc Sect B* 77 (6): 234-242. Ref. June 1973

086783 513 IN25B
Embryological studies in Cyperus alopecuroides Rottb. Nagaraj, M *Indian Acad Sci Proc Sect B* 77 (6): 252-263. Ref. June 1973

086784 396.8 IN23
Pharmacognosy of commercial caraways. II pharmacognostical study of fruits of Bupleurum falcatum Linn. [Anatomy]. Dutt, A K *Indian J Pharm* 35 (2): 52-54. Mar/Apr 1973

086785 99.9 IN824
A trabecula with a vestured pit. [Fuchsia excorticata]. Meylan, B A *IAWA Bull (int Assoc Wood Anat)* 3: 12-14. 1973

086786 99.9 IN824
Some observations on cambial zone in cottonwood. [Populus deltoides]. Isebrands, J G *IAWA Bull (int Assoc Wood Anat)* 3: 3-9. Ref. 1973

086787 10 J822
A comparison of glutaraldehyde & formaldehyde fixation of isolated pea chloroplasts & its implications for treatment of herbage for nutritional studies. West, J *J Agr Sci (London)* 80 (3): 399-406. Ref. June 1973

086788 442.8 J823
Cytological studies on Indian representatives of genus Viola. Chatterjee, A *J Genet* 61 (1): 52-63. Ref. Jul 1972

086789 450 J8223
Variation of flower of Serissa japonica (Thunb.) Thunb. (Rubiaceae). (Jap) Kimura, K *J Jap Bot* 48 (4): 21-25. Apr 1973

086790 442.8 J8224
Chloroplast ribosomal RNA genes in chloroplast DNA of Euglena gracilis. Rawson, J R Y *J Mol Biol* 77 (1): 124-132. Ref. June 15, 1973

086791 99.8 J32
Morphogenesis of generative organs in scotch pine. [Pinus sylvestris. (Lav) Laura, M *Jaunakais Mezsaimnieciba* 15: 7-13. Ref. Eng. Sum. 1973

086792 22 M262
Cytomorphological studies in organic acids treated okra (Abelmoscus esculentus L.). Tripathi, R S *Madras Agr J* 60 (3): 196-199. Ref. Mar 1973

086793 59.9 C813
Methods for electron microscopic study of maize pachytene chromosomes. Gillies, C B *Maize Genet Coop News Lett* 47: 25-27. Apr 15, 1973

086794 59.9 C813
Membrane structure of spore-galls of corn smut (Ustilago maydis (Dc.) Corda). Banerjee, U C *Maize Genet Coop News Lett* 47: 45. Apr 15, 1973

086795 59.9 C813
Scanning electron microscopy of chlamydospores of teosinte smut (Ustilago maydis (Dc.) Corda). [Euchlaena mexicana]. Banerjee, U C *Maize Genet Coop News Lett* 47: 46-47. Apr 15, 1973

086796 107.6 T78
Studies on annual-ring width of Sugi (Cryptomeria japonica D. Don) in Ise Shrine. 3. Analysis for cell-size arrangement. (Jap) Horiba, Y *Mie Univ Fac Agr Bull* 45: 109-125. Eng. Sum. Mar 1973

086797 451 N622
On perfect stage of anastomosis group AG-5 of Rhizoctonia solani Kuhn. (Jap) Ogoshi, A *Mycol Soc Jap Trans* 14 (1): 67-74. Ref. Eng. Sum. Apr 10, 1973

086798 451 N622
Structure & evolution of fungi. (Jap) Terakawa, H *Mycol Soc Jap Trans* 14 (1): 83-101. Ref. Apr 10, 1973

086799 12 N3892
Microstructure, soil strength & root development of asparagus on loamy sands in Netherlands. Reijmerink, A *Neth J Agr Sci* 21 (1): 24-43. Ref. 1973

086800 450 OS7
About 'stipules' of Rhytidophyllum Mart. (Gesneriaceae). (Ger) Weber, A *Osterr Bot Z* 121 (5): 279-283. Ref. Eng. Sum. 1973

086801 450 OS7
Remarks on genuine carpel edge. (Ger) Leinfellner, W *Osterr Bot Z* 121 (5): 285-301. Ref. 1973

086802 475 P53
Anatomy of some bamboo species in Philippines. Grosser, D *Philippine J Sci* 100 (1): 57-72. Ref. Mar 1971 (Pub. 1973)

086803 464.8 P562
Histology of blister rust cankers parasitized by Tuberculina maxima. Wicker, E F *Phytopathol Z* 76 (4): 356-366. Ref. Apr 1973

086804 450 P692
Separation of mesophyll protoplasts & bundle sheath cells from maize leaves for photosynthetic studies. Kanai, R *Plant Physiol* 51 (6): 1133-1137. Ref. June 1973

086805 450 P692
Control of Co2 [Carbon dioxide] fixation by cell-free extracts of Chlamydomonas reinhardtii. Davies, D D *Plant Physiol* 51 (6): 1142-1144. Ref. June 1973

086806 450 P693
Ultrastructure & cytochemistry of microbodies in dinoflagellates. [Scrippsiella sweeneyae]. Bibby, B T *Planta* 112 (1): 7-16. Ref. 1973

086807 19.5 P752
Plasmodesmata in Secale cereale L. (Slo) Marek, J *Pol'nohospodarstvo* 19 (3): 172-176. Ref. Eng. Sum. 1973

086808 75.8 EU7
Calyx forms in dihaploids in relation to origin of Solanum tuberosum. [Potatoes]. Howard, H W *Potato Res* 16 (1): 43-46. Mar 1973

086809 442.8 P94
Behaviour in culture of isolated protoplasts from 'Paul's Scarlet' rose suspension culture cells. Pearce, R S *Protoplasma* 77 (2/3): 165-180. Ref. 1973

086810 442.8 P94
Ship-fouling alga Ectocarpus. II. Ultrasturcture of unilocular reproductive stages. Baker, J R J *Protoplasma* 77 (2/3): 181-189. Ref. 1973

086811 442.8 P94
Insoluble phosphate salts as cytoplasmic inclusions in Allium cepa roots. Localization & mode of formation. [Onions]. Fernandez-Gomez, M E *Protoplasma* 77 (2/3): 191-199. 1973

086812 442.8 P94
Inorganic cations in Allium cepa roots. Intracellular localizations. [Onions]. Tandler, C J *Protoplasma* 77 (2/3): 201-210. Ref. 1973

086813 442.8 P94
Observations on a new wall layer in vessel associated cells of Robinia & sycamore. [Platanus]. (Fre) Czaninski, Y *Protoplasma* 77 (2/3): 211-219. Ref. Eng. Sum. 1973

086814 442.8 P94
Refractive spherules in phloem of Microsorium scolopendria & Psilotum nudum. Sakai, W S *Protoplasma* 77 (2/3): 221-229. Ref. 1973

086815 442.8 P94
Further studies of histology of lateral root development in Zea mays. [Corn]. Karas, I *Protoplasma* 77 (2/3): 243-269. Ref. 1973

086816 442.8 P94
Fine structure of trichome hydathodes of Monarda fistulosa. (Ger) Heinrich, G *Protoplasma* 77 (2/3): 271-278. Ref. Eng. Sum. 1973

086817 442.8 P94
Relationship between structural changes in endoplasmic reticulum & appearance of protein filaments in differentiating sieve tubes of Smilax excelsa. (Ger) Behnke, H D *Protoplasma* 77 (2/3): 279-289. Ref. Eng. Sum. 1973

086818 442.8 P94
Structure of barley roots in relation to transport of ions into stele. Robards, A W *Protoplasma* 77 (2/3): 291-311. Ref. 1973

086819 442.8 P94
Ultrastructural features of life cycle of Acetabularia mediterranea. I. Gametogenesis. Woodcock, C L F *Protoplasma* 77 (2/3): 313-329. Ref. 1973

086820 442.8 P94
Ultrastructural features of life cycle of Acetabularia mediterranea. II. Events associated with division of primary nucleus & formation of cysts. Woodcock, C L F *Protoplasma* 77 (2/3): 331-341. Ref. 1973

086821 SB13.P8
Identification of ber (Zizyphus mauritiana Lam.) cultivars through fruit characters. Singh, P *Punjab Hortic J* 12 (2/3): 120-133. Apr/Sept 1972

086822 448.8 R32
Ultrastructure of phloem in leaves of potatoes (Solanum tuberosum). I. (Spa) Tsutsumi F, V *Rev Latinoamer Microbiol* 14 (3): 153-164. Ref. Eng. Sum. July/Sept 1972

086823 QE901.R4
Fine sturcture of pollen surface of some Taxodiaceae & Cupressaceae species. Ho, R H *Rev Palaeobot Palynol* 15 (1): 17-26. Ref. Mar 1973

086824 450 R34
A note on karyology of Haplopappus spinulosus (Pursch) DC. ssp. typicus Hall. Gill, L S *Rhodora* 75 (802): 220-224. June 1973

086825 464.8 R52
Investigations on fungal features by scanning electron microscopy. V. Further studies on ascosporic Aspergillus species. Locci, R *Riv Pathol Veg* (Ser. 4) 8 (4): 253-320. Ref. Oct/Dec 1972

086826 QK1.S6
Fine structure of cortex in lichen family Parmeliaceae viewed with scanning-electron microscope. Hale, M E *Smithson Contrib Bot* 10, 92 P. Ref. 1973

086827 511 AK146
Results of a karyological analysis of effect of various concentrations of colchicine. [Grapes]. (Geo) Chankotadze, I S *Soobshch Akad Nauk Gruz SSr* 70 (2): 441-443. Eng. Sum. May 1973

086828 409.6 SO8
Chromosome numbers in Compositae from southwestern United States. Watson, T J *Southwest Natur* 18 (2): 117-124. Ref. June 29, 1973

086829 20 AK1
On methods of identifying chromosomes of Cucumis sativus L. by qualitative & quantitative characteristics. (Rus) Turkov, V D *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 5: 23-25. May 1973

086830 450 Z32
Observations on ultrastructure of suberin forming cells from aging discs of potato tuber (Solanum tuberosum L.). (Ger) Barckhausen, R *Z Pflanzenphysiol* 69 (3): 193-203. Ref. Eng. Sum. 1973

086831 450 Z32
Formation of triploid 'plantlets' in endosperm cultures of Putranjiva roxburghii. Srivastava, P S *Z Pflanzenphysiol* 69 (3): 270-273. 1973

086832 QR1.Z4
Morphology & cytology of ravenelia emblicae Sydow. [Phyllanthus emblica, fungus diseases]. Singh, U P *Zeitsch Allg Mikrobiol* 13 (3): 251-258. Ref. 1973

PLANT GENETICS AND BREEDING

086833 450 AC824
Karyological studies in Symphytum L. Wcislo, H *Acta Biol Cracov Ser Bot* 15 (2): 153-163. Map. Ref. 1972

086834 QH431.G44
Investigation of translocations by diallel cross of wheat varieties included in European aneuploid program. (Cro) Petrovic, S *Acta Biol Iugosl Ser F Genet* 4 (2): 161-169. Ref. Eng. Sum. 1972

086835 QH431.G44
Investigation of quality inheritance in some wheat hybrids. (Cro) Popovic, S *Acta Biol Iugosl Ser F Genet* 4 (2): 183-192. Ref. Eng. Sum. 1972

086836 QH431.G44
Cytogenetical investigations of E1 hybrids between variety Bezostaja 1 & Aegilops cylindrica. [Wheat]. (Cro) Zecevic, L *Acta Biol Iugosl Ser F Genet* 4 (2): 201-208. Ref. Eng. Sum. 1972

086837 QH431.G44
Effect of gamma irradiation on inbred lines of flint corn. (Cro) Krivic, T *Acta Biol Iugosl Ser F Genet* 4 (2): 209-216. Eng. Sum. 1972

086838 QH431.G44
Effect of heterosis & triploidy in F1 hybrids of sugar beet varieties. (Cro) Dokic, P *Acta Biol Iugosl Ser F Genet* 4 (2): 217-228. Ref. Eng. Sum. 1972

086839 QH431.G44
A cladosarum-like mutant of Aspergillus aureolatus that is temperature-sensitive & osmotic-remedial. Mutanjola-Cvetkovic, M *Acta Biol Iugosl Ser F Genet* 4 (2): 305-312. Ref. 1972

086840 S13.A2
Appreciation of correlative relationships of investigated quantative features in some multiple hybrids of winter wheat in F1 generation. (Slo) Barath, J *Acta Fytotechnica* 25: 131-148. Ref. Eng. Sum. 1972

086841 S13.A2
Correletions F2 of some quantitative features at winter wheat. (Slo) Hraska, S *Acta Fytotechnica* 25: 149-166. Ref. Eng. Sum. 1972

086842 S13.A2
Evaluaton of variability, correlations & regressions of some quality indicators of winter wheat. (Slo) Hraska, S *Acta Fytotechnica* 26: 95-104. Ref. Egn. Sum. 1972

086843 S9.A3
Selection of grape vines stocks for new plants. (Ita) Marengoni, M *Agric Bergamasca* 24 (4): 28-29. Apr 1973

086844 22 AG823
Inheritance of plant height & flowering duration in four rice crosses. Rajendran, P G *Agric Res J Kerala* 9 (2): 58-62. Sept 1971 (Pub. Feb 1973)

086845 22 AG823
Combining ability in some varieties of brown sarson. [Rape]. Rao, T S *Agric Res J Kerala* 9 (2): 63-67. Sept 1971 (Pub. Feb 1973)

086846 A31.3 AG893
Genetic vulnerability of major crops: a challenge to scientists & nation. *Agric Sci Rev* 10 (4): 1-14. 1972

086847 442.8 AL6
Histochemical study of pollen from crossing of Petunia hybrida Hort. & Nicotiana glauca R. (Rus) Akhmedova, M M *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 3: 58-60. 1973

086848 442.8 AL6
Modification in size of oosphere & zygote from irradiation of cotton seeds with gamma rays in M1 & M2. [Genetics]. (Rus) Kaliagina, L G *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 3: 61-64. 1973

086849 442.8 AL6
Accelerated propagation of cotton breeding stock. (Rus) Dzhanikulov, F *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 3: 75-76. 1973

086850 24 AL2
Exact location of virescent (V4) gene in maize. Rakha, F A *Alexandria J Agr Res* 20 (1): 111-113. June 1972

086851 24 AL2
Inheritance of lint strength in Egyptian cotton crosses. Bishr, M A *Alexandria J Agr Res* 20 (1): 57-60. Ref. June 1972

086852 61.9 SV22
Early mildew resistant crossbred grain. (Swe) Persson, G *Allmanna Svenska Utsadesaktiebol Svalof* 1: 7-10. 1973

086853 450 AM35
Facultative apomixis & polyploidy in Matteuccia orientalis. Lloyd, R M *Amer Fern J* 63 (2): 43-48. June 1973

086854 450 AM36
Morphogenesis of stamenless-2 mutant in tomato. I. Comparative description of flowers & ontogeny of stamens in normal & mutant plants. Sawhney, V K *Amer J Bot* 60 (6): 514-523. Ref. July 1973

086855 450 AM36
Genetic differentiation, sympatric speciation, & origin a diploid species of Stephanomeria. Gottlieb, L D *Amer J Bot* 60 (6): 545-553. Ref. July 1973

086856 75.8 P842
Hudson: a high yielding variety resistant to golden nematode. [Potatoes]. Plaisted, R L *Amer Potato J* 50 (6): 212-215. June 1973

086857 75.8 P842
Some aspects of breeding & inbreeding in potatoes. Mendoza, H A *Amer Potato J* 50 (6): 216-222. Ref. June 1973

086858 81 SO12
Chromosome numbers & karyotypes of some Manihot species. Umanah, E E *Amer Soc Hort Sci J* 98 (3): 272-274. Ref. May 1973

086859 81 SO12
Inheritance of low temperature seed sprouting in tomato. Ng, T J *Amer Soc Hort Sci J* 98 (3): 314-316. May 1973

086860 34.2 AN4
Inheritance of flowering time in ragi Eleusine coracana Gaertn. Rao, V R *Andhra Agr J* 18 (3/4): 131-132. May/Aug 1971 (Pub. 1973)

086861 34.2 AN4
A study on genetic variability in pigeon pea (Cajanus cajan, L. Mill sp.). Hiremath, K G *Andhra Agr J* 18 (3/4): 144-148. Ref. May/Aug 1971 (Pub. 1973)

086862 34.2 AN4
Investigations on inheritance of short-branch habit in Gossypium barbadense. [Cotton]. Bahavandoss, M *Andhra Agr J* 18 (3/4): 160-163. May/Aug 1971 (Pub. 1973)

086863 34.2 AN4
Induced mutations in Setaria italica beauv cultivar K-22-1 by ethyl methane sulphonate. [Fox tail millet]. Sayi, I S *Andhra Agr J* 18 (3/4): 173-175. May-/Aug 1971 (Pub. 1973)

086864 451 AR1
Hazards of genetic uniformity in plants. Stettler, R F *Arboretum Bull* 36 (1): 2-7. Spring 1973

086865 442.8 AR26
Factors effecting initiation of mitosis in Allomyces neo-moniliformis. Olson, L W *Arch Mikrobiol* 91 (4): 305-311. 1973

086866 442.8 AR26
Electron microscopy of selectively stimulated microconidiogenesis in wild type Neurospora crassa. Rossier, C *Arch Mikrobiol* 91 (4): 345-353. Ref. 1973

086867 100 AR42F
Progress in breeding blackberries. Sistrunk, W A *Ark Farm Res* 22 (3): 5. May/June 1973

086868 QR73.B5
Plant nucleases. IV. Genetic control of ribonuclease activity in corn endosperm. Wilson, C M *Biochem Genet* 9 (1): 53-62. Ref. May 1973

086869 QR73.B5
Genetic control of flutamate oxaloacetate transaminase isozymes in diploid plant Stephanomeria exigua & its allotetraploid derivative. Gottlieb, L D *Biochem Genet* 9 (1): 97-107. Ref. May 1973

086870 381 B523
Time of synthesis of genes for ribosomal ribonucleuc acid in Physarum. Newlon, C S *Biochemistry* 12 (12): 2338-2345. June 5, 1973

086871 381 B522
Reversion of Scenedesmus [obliquus] photosynthetic mutants. Raps, S *Biochim Biophys Acta* 305 (2): 384-389. May 30, 1973

086872 442.8 B523
Investigations into frequency of chlorophyll defective plants in Hordeum vulgare after treatment with a carbamate herbicide & combined with mutagens. [Barley]. (Ger) Nasta, A *Biol Zentralbl* 92 (2): 173-178. Ref. Eng. Sum. Mar/Apr 1973

086873 450 B652
Embryo development & seed set in crosses for triploid day lilies. [Hemerocallis]. Arisumi, T *Bot Gaz* 134 (2): 135-139. June 1973

086874 450 B656
Male meiosis in some amphimictic & apomictic Hierochloe (Gramineae). Weimarck, G *Bot Not* 126 (1): 7-36. Ref. 1973

086875 451 B76
Hybridization of Verticillium albo-atrum & Verticillium dahliae. [Wilt diseases, plants]. Hastie, A C *Brit Mycol Soc Trans* 60 (3): 511-523. Ref. June 1973

086876 390.8 B872
Abnormal mitosis by some rho-mutagens in Saccharomyces cerevisiae. Takahashi, T *Bull Brewing Sci* 18: 37-48. Ref. 1972

086877 390.8 B872
Induced auxotrophic mutants in homothallic strain of Saccharomycess cerevisiae. Takahashi, T *Bull Brewing Sci* 18: 49. 1972

086878 390.8 B872
Phenethyl alcohol resistance in Saccharomyces creevisiae. [Genetics]. Takahashi, T *Bull Brewing Sci* 18: 51-52. 1972

086879 77.9 P212B
Breeding of rape. (Fre) Rollier, M *Bull Cetiom (Cent Tech Interprof Oleagineux Metropolitains)* 50: 3-12 ref. First Quarter 1973

086880 80 B54
Some problems of vegetable breeding in German Democratic Republic. (Pol) Dehne, F *Byul Warzywniczy* (Suppl. 13): 37-47. Ref. Eng. Sum. 1972 (Pub. 1973)

086881 80 B54
Some problems of vegetable breeding in German Democratic Republic. (Pol) Dehne, J *Byul Warzywniczy* 13 (Suppl.): 37-47. Eng. Sum. 1972 (Pub. 1973)

086882 68.8 C112
'flat beans': A new source of haploidy in cacao tree (Theobroma cacao). (Fre) Dublin, P *Cafe Cacao The* 17 (1): 25-36. Ref. Eng. Sum. Jan/Mar 1973

086883 450 C16
Inheritance of photoperiodic heading response in winter & spring cultivars of bread wheat. Keim, D L *Can J Plant Sci* 53 (2): 247-250. Apr 1973

086884 450 C16
Importance of seed source in preliminary evaluations of doubled haploids in barley. [Breeding]. Walsh, E J *Can J Plant Sci* 53 (2): 257-260. Apr 1973

086885 QH607.A1C4
Ribosomal-RNA genes in euploids & aneuploids of hyacinth. [Hyacinthus orientalis]. Timmis, J N *Cell Differ* 1 (5/6): 335-339. Ref. Dec 1972

086886 442.8 C46
Selective chromosomal elimation during haploid formation in barley following interspecific hybridization. Subrahmayam, N C *Chromosoma* 42 (2): 111-125. Ref. 1973

086887 442.8 C46
A procedure for localizing genetic factors controlling mitotic nondisjunction in B chromosome of maize. Carlson, W R *Chromosoma* 42 (2): 127-136. Ref. 1973

086888 72.8 EM7
Selection for fibre characters in upland cotton. Innes, M L *Cotton Growing Rev* 50 (2): 101-105. Ref. Apr 1973

086889 64.8 C883
Progeny testing for forage yield in tall fescue, Festuca arundinacea, Schreb. Frakes, R V *Crop Sci* 13 (3): 293-295. May/June 1973

086890 64.8 C883
Cross-fertilization of alfalfa as affected by genetic markers, planting methods, locations, & pollinator species. Kehr, W R *Crop Sci* 13 (3): 296-298. Ref. May/June 1973

086891 64.8 C883
Meiosis & pollen viability in hexaploid Triticale. Sapre, V T *Crop Sci* 13 (3): 301-302. Ref. May/June 1973

086892 64.8 C883
Yield, yield component & fiber property variation of cotton (Gossypium hirsutum L.) within & among environments. Meredith, W R *Crop Sci* 13 (3): 307-312. Ref. May/June 1973

086893 64.8 C883
Combining ability and gene action estimates in an eight parent diallel cross of sugarbeet. Smith, G A *Crop Sci* 13 (3): 312-316. Ref. May/June 1973

086894 64.8 C883
Chromosomal location of male fertility restoring genes in six lines of common wheat. Bahl, P N *Crop Sci* 13 (3): 317-320. Ref. May/June 1973

086895 64.8 C883
Genetic studies of induced mutants in Melilotus alba. III. Folded leaflet, elongated stem, & short-petiole dwarf. Ronnenkamp, R R *Crop Sci* 13 (3): 320-321. Ref. May/June 1973

086896 64.8 C883
Inheritance of a new brachyism in corn, zea mays L. Legg, J G *Crop Sci* 13 (3): 322-324. Ref. May/June 1973

086897 64.8 C883
Single height-gene effects in doubled haploid Sorghum bicolor (L.) Moench as influenced by stand density. Schertz, K F *Crop Sci* 13 (3): 324-326. Ref. May/June 1973

086898 64.8 C883
Changes in quantitative traits associated with inbreeding in a synthetic variety of maize. Hallauer, A R *Crop Sci* 13 (3): 327-330. Ref. May/June 1973

086899 64.8 C883
Monogenic chlorotic-lesion resistance in corn to Helminthosporium maydis. Smith, D R *Crop Sci* 13 (3): 330-331. May/June 1973

086900 64.8 C883
Relationship to stomatal length & frequency & pollen-grain diameter to ploidy level in Bromus inermis Leyss. Tan, G Y *Crop Sci* 13 (3): 332-334. Ref. May/June 1973

086901 64.8 C883
Inheritance of semidwarfness in several wheat crosses. Romero, G E *Crop Sci* 13 (3): 334-337. Ref. May/June 1973

086902 64.8 C883
Analysis of several types of gene action controlling resistance to bacterial blight of cotton by means of a generalized computer model. [Xanthomonas]. Davis, D D *Crop Sci* 13 (3): 338-343. Ref. May/June 1973

086903 64.8 C883
Nitrate reductase activity in corn leaves as related to yields of grain & grain protein. Deckard, E L *Crop Sci* 13 (3): 343-350. Ref. May/June 1973

086904 64.8 C883
Relationship between F2 & selected F3 progenies in cotton (Gossypium birsutum L.). Meredith, W R *Crop Sci* 13 (3): 354-356. May/June 1973

086905 64.8 C883
Performance of crosses within & between two diverse sources of birdsfoot trefoil, Lotus corniculatus L. Conje, A M *Crop Sci* 13 (3): 357-360. Ref. May/June 1973

086906 64.8 C883
Seedling vigor of open-pollination progenies of intraand intersource crosses of birdsfoot trefoil, Lotus corniculatus L. Conje, A M *Crop Sci* 13 (3): 361-362. Ref. May/June 1973

086907 64.8 C883
Bulk, pedigree, & early generation testing breeding methods compared in soybeans. Luedders, V D *Crop Sci* 13 (3): 363-364. Ref. May/June 1973

086908 64.8 C883
Protein distribution in oat (Avena sterilis L.) Kernel. Youngs, V L *Crop Sci* 13 (3): 365-367. May/June 1973

086909 64.8 C883
Meiotic irregularities in hybrids between diverse genotypes of tall fescue (Festuca arundinacea, Schreb.). Evans, G M *Crop Sci* 13 (3): 376-379. Ref. May/June 1973

086910 64.8 C883
Genetic analysis of Crumpled mutant in cotton, Gossypium hirsutum L. Kohel, R J *Crop Sci* 13 (3): 384-386. May/June 1973

086911 64.8 C883
Relation of genes from Hope & Red Egyptian wheat for reaction to stem rust. [Puccinia graminis]. Williams, N D *Crop Sci* 13 (3): 388-389. Ref. May/June 1973

086912 64.8 C883
A yield-related measure of earliness for cotton, Gossypium hirsutum L. Bilbro, J D *Crop Sci* 13 (3): 392-393. May/June 1973

086913 64.8 C883
Interaction of two basic color factor genes in alfalfa. Bingham, E T *Crop Sci* 13 (3): 393-394. May/June 1973

086914 64.8 C883
Hexaploid cotton: some fiber & spinning properties. Muramoto, H *Crop Sci* 13 (3): 396-397. May/June 1973

086915 475 SCI23
Mutagenic action of nitroso methyl urea in pearl millet. Mohan, S T *Cur Sci* 42 (13): 474-475. July 1973

086916 104 D41A
Breeding for pH [hydrogen-ion concentration] tolerance in barley. Stolen, O *Denmark Vet-landbohojsk Arsskr* 226: 1-13. 1973

086917 24 EA74
Plant hairiness in Allen cotton (Gossypium hirsutum). [Breeding, Empoasca, host plant resistance]. Innes, N L *East Afr Agr Forest J* 38 (3): 298-307. Ref. Jan 1973

086918 105.8 G36E
Breeding fruits for resistance. [Pests, diseases]. (Ger) Schmidt, H *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 109-116. 1972

086919 105.8 G36E
Breeding methods & their significance for advancement of plant breeding. (Ger) Schuster, W *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 93-108. Ref. 1972

086920 10 EX72
Interactions of genotype & temperature on cotton boll period & their implication in breeding. Yfoulis, A *Exp Agr* 9 (3): 193-201. Ref. July 1973

086921 SF1.A4
Perennial forage breeding projects. [Canada]. Walton, P D *Feeders' Day Dep Anim Sci Univ Alberta* 51St: 53-54. June 1972

086922 SF1.A4
Perennial forage breeding projects. Walton, P D *Feeders' Day Dep Anim Sci Univ Alberta* 52: 52-54. 1973

086923 80 F948
Factors relevant to a programme for establishing & maintaining virus-free citrus stock in South Africa. McLean, A P D *Fruit World Market Grower* 74 (3): 22, 24. Mar 1973

086924 80 F948
Producing apple trees free of known viruses. Foxton, G *Fruit World Market Grower* 74 (3): 33-35. Mar 1973

086925 80 G1948
Breeding work on indigenous wild trees-a way to overcome alternate bearing in fruit growing. (Ger) Zimmermann, H *Gartenbau* 20 (6): 178-179. June 1973

086926 442.8 G28
Experimental evaluation of relationships among populations resulting from intergradation among cultivars of Zea mays L. Hanson, W D *Genetics* 74 (1): 133-138. May 1973

086927 442.8 G28
Genetics of heading time in wheat (Triticum aestivum L.). I. inheritance of photoperiodic response. Klaimi, Y Y *Genetics* 74 (1): 139-156. Ref. May 1973

086928 442.8 G28
Genetic mapping in Saccharomyces [cerevisiae] iV. Mapping of temperature-sensitive genes & use of disomic strains in localizing genes. Mortimer, R K *Genetics* 74 (1): 33-54. Ref. May 1973

086929 442.8 G28
Genetic control of recombination in Schizophyllum commune: location of a gene controlling B-factor recombination. Koltin, Y *Genetics* 74 (1): 55-62. Ref. May 1973

086930 443.8 H42
Cytoplasmic effects on plant weight in crosses between flax genotypes & genotrophs. Tyson, H *Heredity* 30 (3): 327-340. Ref. June 1973

086931 443.8 H42
Genotype-environmental interactions in Schizophyllum commune. III. relationship between mean expression & sensitivity to change in environment. Fripp, Y J *Heredity* 30 (3): 341-349. Ref. June 1973

086932 443.8 H42
Genetic control of environmentally induced changes in Linum. Durrant, A *Heredity* 30 (3): 369-379. Ref. June 1973

086933 443.8 H42
On polymorphism of cyanogenesis in Lotus corniculatus. V. Denmark. Jones, D A *Heredity* 30 (3): 381-386. Ref. June 1973

086934 443.8 H42
Nature of inheritance of permanently induced changes in Nicotiana rustica. II. F4 & F5 generations of selected crosses. Eglington, E G *Heredity* 30 (3): 387-395. June 1973

086935 22.5 H613
Studies on hybridization in apple breeding. III. Callus fromation & organ differentiation from another culture. (Jap) Nakayama, R *Hirosaki Univ Fac Agr Bull* 19: 1-9. Ref. Eng. Sum. Dec 1972

086936 22.5 H613
Genetic relation between seed weight & seedling growth in rice plant. I. Seedling growth depending completely on materials in seeds. (Jap) Takeda, K *Hirosaki Univ Fac Agr Bull* 19: 10-21. Eng. Sum. Dec 1972

086937 80 H7892
Regeneration of raspberries from root cuttings in response to physical treatment of shoots. Marston, M E *Hort Res* 12 (3): 177-182. 1972

086938 SB1.H6
Fruiting nursery: ultrahigh density for evaluation of blueberry & peach seedlings. Sherman, W B *Hortscience* 8 (3): 170-172. June 1973

086939 SB1.H6
Chemical reversion of sex expression on dioecious cucumber with ethephon & a benzothiadiazole. Augustine, J J *Hortscience* 8 (3): 218-219. Ref. June 1973

086940 SB123.E48
Acquisition & use of mutations in corn breeding. (Ukr) Morhun, V V *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 129-131. 1971

086941 SB123.E48
Mutational variability of hybrids & varieties of barley induced by gamma-ray irradiation. (Ukr) Kozachenko, M R *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 131-137. 1971

086942 SB123.E48
Inducing mutations in barley & oats with chemical mutagens & gamma rays. (Ukr) Shevtsov, V M *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 137-142. 1971

086943 SB123.E48
Use of induced & natural mutations in breeding proso. [Panicum miliaccum]. (Ukr) IAshovs'kyi, I V *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 143-149. 1971

086944 SB123.E48
Use of induced mutations in breeding peas. (Ukr) Sydorova, K K *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 150-156. Ref. 1971

086945 SB123.E48
Induced mutations in soybeans & their importance in breeding. (Ukr) Mal'chenko, V V *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 157-167. Ref. 1971

086946 SB123.E48
Mutagenic effect of gamma-rays & nitrosoethyl urea on beans. (Ukr) Kamins'kyi, A M *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 167-170. 1971

086947 SB123.E48
Mutability of cotton plants induced by radiation & chemical mutagens. (Ukr) Ibrahimov, Sh I *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 171-182. 1971

086948 SB123.E48
Use of experimentally obtained mutagens in potato breeding. (Ukr) Solomko, IE A *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 182-188. Ref. 1971

086949 SB123.E48
Experimentally obtained mutant forms of potatoes for use in plant breeding. (Ukr) Overchuk, V I *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 188-200. Ref. 1971

086950 SB123.E48
Effect of physical mutagens on variability & obt aining economically valuable radish mutants. (Ukr) Dolgykh, S T *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 201-208. 1971

086951 SB123.E48
Experimental mutations in apple trees. (Ukr) Semakin, V P *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 208-212. 1971

086952 SB123.E48
Effect of ionizing radiation on chemical mutagens on apple tree seeds. (Ukr) Kalynychenko, I M *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 212-221. Ref. 1971

086953 SB123.E48
Obtaining apple tree mutations with the use of ionizing irradiation. (Ukr) Avkhlediana, Sh N *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 221-227. Ref. 1971

086954 SB123.E48
Spontaneous & induced mutagenesis in grapes. (Ukr) Holodryha, P IA *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 227-232. 1971

086955 SB123.E48
Effect of various physical & chemical mutagens on variability of sour cherries & mazzard cherries. (Ukr) Mashkin, S I *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 232-238. Ref. 1971

086956 SB123.E48
Research on highly-effective chemical mutagens among nitrogen analogs of mustard gas. [Aspergillus nidulans]. (Ukr) Kovalenko, S P *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 41-47. 1971

086957 SB123.E48
Specificity of mutation variability of chromosomes affected by indoleacetic acid. [Allium fistulosum, broadbeans]. (Ukr) Araratian, L A *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 47-53. Ref. 1971

086958 SB123.E48
Experimental mutagenesis & plant breeding. (Ukr) Shkvarnykov, P K *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 5-31. Ref. 1971

086959 SB123.E48
Effect of combining action of chemical mutagens on chromosomal reorganization in wheat. (Ukr) Shkvarnykov, P K *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 53-58. Ref. 1971

086960 SB123.E48
On 'inhibiting' mutagenic effect of ethyleneimine. [Wheat]. (Ukr) Shkvarnykov, P K *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 58-65. 1971

086961 SB123.E48
Induced mutagenesis in winter wheat. (Ukr) Safin, M K *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 69-74. 1971

086962 SB123.E48
Sensitivity of winter wheat varieties to chemical mutagens & gamma rays. (Ukr) Shkvarnykov, P K *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 74-87. 1971

086963 SB123.E48
Effect of chemical mutagens on certain wheat varieties grown in Georgian SSR. (Ukr) Dedul', F A *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 87-95. 1971

086964 QH431.P7
Mutations & plant growth substances. (Rus) Khvostova, V V *In Problemy Genetiki Razvitiia* P. 221-230. Ref. 1972

086965 QH605.M43
A genetic analysis of non-disjunction & mitotic recombination in Neurospora crassa. Threlkeld, S F H *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 1: 167-173. Ref. 1972

086966 QH605.M43
Chromosomal changes in maize induced by hydrogen fluoride gas. Mohamed, A H *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 3: 169-175. Ref. 1972

086967 QH605.M43
Meiotic consequences of a combined treatment fast neut rons-FUDR [5-fluorouracil deoxyriboside] in Vicia faba. [Braodbeans]. Moutschen-Dahmen, J M *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 3: 176-180. 1972

086968 QH605.M43
Action of phleomycin on meiotic cells. [Lilies]. Hotta, Y *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 3: 181-193. 1972

086969 QH605.M43
Chromatin-organisation during & after synapsis in cultured microsporocytes of Lilium in presence of mitomycin C & clcloheximide. Sen, S K *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 3: 194-198. 1972

086970 QH605.M43
Meiosis in Ornithogalum virens (Liliaceae). II. Univalent production by preprophase cold treatment. Church, K *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 4: 148-153. Ref. 1972

086971 22 IN294
A study on variability in soybean (Glycine max (L) Merr.) [Breeding]. Kataria, A S *Indian Agr* 16 (2): 155-159. 1972

086972 22 IN294
Genotype by environment interaction for some double top cross maize hybrids. Kumar, S *Indian Agr* 16 (2): 161-166. 1972

086973 22 IN294
Predicting number of lines desirable for reconstituting a composite population in maize. Kumar, S *Indian Agr* 16 (2): 167-170. 1972

086974 22 IN294
Genetic studies in pigeon pea. V.I. Leaflet shape, pod & seed coat colour. Deokar, A B *Indian Agr* 16 (2): 193-197. Ref. 1972

086975 22 AG83I
Utility of induced mutations in rice breeding. Ram, M *Indian J Agr Sci* 42 (12): 1087-1091. Ref. Dec 1972

086976 22 AG83I
Note on genetics of skin colour of tuber in first inbred population of 'Phulwa' potato (Solanum tuberosum L.). Verma, S M *Indian J Agr Sci* 42 (12): 114. Dec 1972

086977 16 IT1
Loss of a pioneer Alberto Pirovano. [plants, genetics]. (Ita) Celestre, M R *Ital Agr* 110 (2): 147-148. Feb 1973

086978 23 W52J
Art & science of plant breeding. Gladstones, J S *J Agr West Aust* 14 (1): (Ser. 4): 161-164. Mar 1973

086979 448.3 J823
Development of 'senescence' in Podospora anserina. [Cytogenetics]. Smith, J R *J Gen Microbiol* 76 (2): 283-296. Ref. June 1973

086980 448.3 J823
Cytoplasmic inheritance of timing of 'senescence'in Podospora anserina. Smith, J R *J Gen Microbiol* 76 (2): 297-304. Ref. June 1973

086981 442.8 J823
An application of principal component analysis in genetics. [Coconuts, cattle]. Abeywardena, V *J Genet* 61 (1): 27-51. Jul 1972

086982 442.8 AM3
Triple haploids in Cucurbita. Bemis, W P *J Hered* 64 (2): 103-104. Mar/apr 1973

086983 442.8 AM3
A natural tetraploid mung bean of suspected amphidiploid origin. Swindell, R E *J Hered* 64 (2): 107. Mar/Apr 1973

086984 442.8 AM3
Induced recessive mutations affecting leaf angle in Sorghum bicolor. Singh, S P *J Hered* 64 (2): 65-68. Mar/Apr 1973

086985 442.8 AM3
Chromosome numbers & interspecific hybrids among New Guinea Impatiens species. Arisumi, T *J Hered* 64 (2): 77-79. Mar/Apr 1973

086986 442.8 AM3
Locating major genes for resistance to corn earworm in maize inbreds. [Heliothis zea]. Widstrom, N W *J Hered* 64 (2): 83-86. Ref. Mar/apr 1973

086987 S303.E25
'mineyutaka', first rice variety possessing stripe disease resistance. [Virus]. (Jap) Toriyama, K *Jap Chugoku Nogyo Shikengo Fukuyama Bull Ser A* 21: 1-19. Ref. Eng. Sum. Nov 1972

086988 S303.E25
Studies on root type & breeding of sweetpotato adapted to direct planting. (Jap) Kobayashi, M *Jap Chugoku Nogyo Shikengo Fukuyama Bull Ser A* 21: 21-64. Ref. Eng. Sum. Nov 1972

086989 S303.E25
Studies on selection of breeding materials for direct planting sweetpotato. 1. Characters of existing varieties & selection of breeding materials. (Jap) Kusuhara, M *Jap Chugoku Nogyo Shikengo Fukuyama Bull Ser A* 21: 65-96. Ref. Eng. Sum. Nov 1972

086990 64.8 J27
On interspecific hybrdization between adsuki bean, Phaseolus angularis (Willd) W.F. Wight & green gram, Phaseolus radiatus L. I. Crossing between a cultivar of green gram & a semi-wild relative of adsuki bean, in endemic na (Jap) Sawa, M *Jap J Breed* 23 (2): 1-6. Ref. Eng. Sum. Apr 1973

086991 64.8 J27
Relationships between in vitro digestibility & morphological characters in alfalfa (Medicago sativa L.). I. Genetic variability of I.V.D. Suginobu, K I *Jap J Breed* 23 (2): 19-25. Ref. Apr 1973

086992 64.8 J27
Cytogenetical studies in Primula sieboldi E. Morren: chromosomes numbers of 80 cultivars & related wild species. Yamaguchi, S *Jap J Breed* 23 (2): 26-32. Ref. Apr 1973

086993 64.8 J27
Estimation of genetic variance parameters in presence of epistasis in populations derived from two inbred pure lines. [Plants]. (Jap) Ukai, Y *Jap J Breed* 23 (2): 33-43. Eng. Sum. Apr 1973

086994 64.8 J27
Practical uses of mutation in plant breeding. (Jap) Yomogihara, T *Jap J Breed* 23 (2): 44-48. Ref. Apr 1973

086995 64.8 J27
Gene analysis of rice resistant to Pyricularia oryzae by multiple inoculation method. (Jap) Yokoo, M *Jap J Breed* 23 (2): 49-51. Apr 1973

086996 64.8 J27
Present condition & problems in breeding of Juncus & sorghum. (Jap) Suzuki, S *Jap J Breed* 23 (2): 52-55. Apr 1973

086997 64.8 J27
Radiation breeding of fruit trees in Canada. (Jap) Katagiri, K *Jap J Breed* 23 (2): 55-56. Apr 1973

086998 64.8 J27
Cytogenetic studies on artificial polyploids in genus Oryza. V. Sterile amphiploids, sativa-officinalis (AACC). Watanabe, Y *Jap J Breed* 23 (2): 7-10. Apr 1973

086999 66.9 J27 SUPPL.
Genetic scheme of pollen restoration in cytoplasmic male sterile beets. (Jap) Mikami, T *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 115-119. Eng. Sum. 1972

087000 66.9 J27 SUPPL.
Breeding process of monogerm F1 hybrid in sugar bee t. (Jap) Sasaki, M *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 157-168. Eng. Sum. 1972

087001 66.9 J27 SUPPL.
Breeding of mono germ F1 hybrid in sugar beet. II. Study on germination in diploid & triploid mono germ F1 hybrids. (Jap) Takeda, T *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 185-190. Eng. Sum. 1972

087002 66.9 J27 SUPPL.
Progenies of crosses between different types of trisomics in sugar beets. (Jap) Wu, S *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 215-221. Eng. Sum. 1972

087003 66.9 J27 SUPPL.
Inheritance of cytoplasmic male sterility induced by gamma irradiation in sugar beets. (Jap) Kinoshita, T *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 63-67. Eng. Sum. 1972

087004 S19.J3
Induction of male-sterile tomato mutants by gamma radiation. Yamakawa, K *JArq (j Agr Res Quart)* 7 (1): 31-34. 1973

087005 SB13.K45
Crossbreeding of grapes. (Hun) Kozma, P *Kertgazdasag* 5 (1): 1-10. Ref. Eng. Sum. 1973

087006 107.6 K832
Studies on selection of rice strain by grain/straw ration in rice breeding. (Jap) Ito, R *Konosu Cent Agr Exp Sta J* 17: 1-59. Ref. Eng. Sum. Mar 1973

087007 385 K99
Mutation of citrus variety Tachima-wase induced by X-rays. Watanabe, H *Kyoto Univ Inst Chem Res Bull* 51 (1): 8-12. Ref. Jan 1973

087008 105.2 OR3
Changing fatty acid composition & lowering glucosinolate content in rapeseed. (Dut) Hee, L P van *Landbouwkundig Tijdschr* 85 (4): 132-137. Ref. Eng. Sum. Apr 1973

087009 22 M262
Studies on inheritance of awned condition & grain colour in sorghum. Naphade, D S *Madras Agr J* 60 (3): 184-186. Mar 1973

087010 22 M262
Studies on genetic variability of certain quantitative characters in red gram (Cajanus cajan (l.) Millsp.). Rathnaswamy, R *Madras Agr J* 60 (3): 204-206. Mar 1973

087011 59.9 C813
An interchange between two different Tripsacum chromosomes that are partially homeologous to maize chromosome 4. Tantravahi, R V *Maize Genet Coop News Lett* 14: 108-109. Apr 15, 1973

087012 59.9 C813
Two systems that transform a two-ranked spike into a four-ranked spike. [Corn]. Galinat, W C *Maize Genet Coop News Lett* 47: 102-103. Apr 15, 1973

087013 59.9 C813
A formula for giant ears in maize. Galinat, W C *Maize Genet Coop News Lett* 47: 104-105. Apr 15, 1973

087014 59.9 C813
Pollen size & origin of maize. Galinat, W C *Maize Genet Coop News Lett* 47: 105-108. Apr 15, 1973

087015 59.9 C813
Results of crossing annual & perennial teosinte with ig/Ig maize. [Enchlaena]. Tantravahi, R V *Maize Genet Coop News Lett* 47: 109-110. Apr 15, 1973

087016 59.9 C813
Preliminary studies on inheritance of abscission layer development in Zea. Galinat, W C *Maize Genet Coop News Lett* 47: 110-111. Apr 15, 1973

087017 59.9 C813
Chemical mutagenesis following treatments at different developmental stages. [Corn]. Colella, C *Maize Genet Coop News Lett* 47: 111-114. Apr 15, 1973

087018 59.9 C813
Genetic properties of an atypical chromosome 10. [Corn]. Ghidoni, A *Maize Genet Coop News Lett* 47: 121-123. Apr 15, 1973

087019 59.9 C813
Nondisjunction & preferential fertilization in balanced & hyperploid structural heterozygotes for translocation TB-9b. [Corn]. Ghidoni, A *Maize Genet Coop News Lett* 47: 123-127. Apr 15, 1973

087020 59.9 C813
Test for cytoplasmic mutants induces by E.M.S. [ethyl menthanesulfonate] seed treatment. [Corn]. Burnham, C R *Maize Genet Coop News Lett* 47: 127-128. Apr 15, 1973

087021 59.9 C813
Chromosome aberrations from polymitotic. [Corn]. Burnham, C R *Maize Genet Coop News Lett* 47: 129. Apr 15, 1973

087022 59.9 C813
Chromosomal interchanges from colchicine treatment. [Corn]. Burnham, C R *Maize Genet Coop News Lett* 47: 129-131. Apr 15, 1973

087023 59.9 C813
Unusual property of Cl locus. [Corn]. Pawar, S E *Maize Genet Coop News Lett* 47: 13-16. Apr 15, 1973

087024 59.9 C813
Effects of colchicine, using multiple interchange heterozygotes. [Corn]. Burnham, C R *Maize Genet Coop News Lett* 47: 131-132. Apr 15, 1973

087025 59.9 C813
Progress report on establishing a line with all chromosomes interchanges. [Corn]. Burnham, C R *Maize Genet Coop News Lett* 47: 132-133. Apr 15, 1973

087026 59.9 C813
Interchanges not in ARS, 1961 list, & changes needed in certain of information in that list. [Corn]. Burnham, C R *Maize Genet Coop News Lett* 47: 133-135. Apr 15, 1973

087027 59.9 C813
An epistatic phenomenon resulting in aleurone color inhibition in maize. Chang, C C *Maize Genet Coop News Lett* 47: 136-139. Apr 15, 1973

087028 59.9 C813
Conditional colored & colorless alleles at Cl locus. [Corn]. Chen, S *Maize Genet Coop News Lett* 47: 140-143. Apr 15, 1973

087029 59.9 C813
An unsuccessful search for mutations affecting anthocyanin distribution. [Corn]. Coe, E H *Maize Genet Coop News Lett* 47: 143. Apr 15, 1973

087030 59.9 C813
Organic solvents as pollen suspending media. Coe, E H *Maize Genet Coop News Lett* 47: 144. Apr 15, 1973

087031 59.9 C813
Tentative map positions of genes & AB translocation on chromosomes 10. [Corn]. Beckett, J B *Maize Genet Coop News Lett* 47: 145-147. Apr 15, 1973

087032 59.9 C813
Two virescent mutants on long arm of chromosome 8. [Corn]. Beckett, J B *Maize Genet Coop News Lett* 47: 147. Apr 15, 1973

087033 59.9 C813
A chlorophyll mutant associated with a3 located on chromosomes 3. [Corn]. Beckett, J B *Maize Genet Coop News Lett* 47: 147-148. Apr 15, 1973

087034 59.9 C813
New mutants located by A-B translocation method. [Corn]. Neuffer, M G *Maize Genet Coop News Lett* 47: 148-149. Apr 15, 1973

087035 59.9 C813
Yg4 allelic to oy, designated Oyyg. [Corn]. Neuffer, M G *Maize Genet Coop News Lett* 47: 149-150. Apr 15, 1973

087036 59.9 C813
Tan necrotic (nec-E409). [Corn mutant]. Neuffer, M G *Maize Genet Coop News Lett* 47: 150-151. Apr 15, 1973

087037 59.9 C813
Mass selection for seedling survival in a shrunker-2 (sh2) population. [Corn]. Zuber, M S *Maize Genet Coop News Lett* 47: 152. Apr 15, 1973

087038 59.9 C813
De novo synthesis of soluble & mitochondrial forms of genetically determined isozymes of malate dehydrogenases. [Corn]. Yang, N S *Maize Genet Coop News Lett* 47: 154-155. Apr 15, 1973

087039 59.9 C813
Genetic studies of susceptibility to bacterial leaf freckles & wilt, Corynebacterium nebraskense. [Corn]. Gardner, C O *Maize Genet Coop News Lett* 47: 155-157. Apr 15, 1973

087040 59.9 C813
Ribonuclease activity in half opaque-2 kernels. [Corn]. Annapurna, S *Maize Genet Coop News Lett* 47: 164-165. Apr 15, 1973

087041 59.9 C813
Inheritance of date of pollen shedding in a corn diallel cross. Rumbaugh, M D *Maize Genet Coop News Lett* 47: 166-170. Apr 15, 1973

087042 59.9 C813
EMS [ethylmethane sulphonate] induced sominant mutation. [Corn]. Pawar, S E *Maize Genet Coop News Lett* 47: 17-20. Apr 15, 1973

087043 59.9 C813
Measurement of pollen grain size in diallel. [Corn]. Rumbaugh, M D *Maize Genet Coop News Lett* 47: 170-171. Apr 15, 1973

087044 59.9 C813
Linkage relations of opaque-7 with marker loci in linkage group 10. [Corn]. McWhirter, K S *Maize Genet Coop News Lett* 47: 171-173. Apr 15, 1973

087045 59.9 C813
Effect of position within tassel on crossover frequency in microsporocytes. [Corn]. Maguire, M *Maize Genet Coop News Lett* 47: 175-176. Apr 15, 1973

087046 59.9 C813
Effect of heat treatment on crossover frequency (bridge & fragment frequencies) in inversion 5083 at early synizesis (probably zygotene) & mid synizesis (probably pachytene. [Corn]. Magurie, M *Maize Genet Coop News Lett* 47: 177. Apr 15, 1973

087047 59.9 C813
Crossover interference for regions within inversion 5083 & proximal to it. [Corn]. Maguire, M *Maize Genet Coop News Lett* 47: 177-178. Apr 15, 1973

087048 59.9 C813
Experimentally produced meiotic abnormalities. [Corn]. Maguire, M *Maize Genet Coop News Lett* 47: 178-179. Apr 15, 1973

087049 59.9 C813
Retardation of bivalent separation. [Corn, genetics]. Martin, D W *Maize Genet Coop News Lett* 47: 179-181. Apr 15, 1973

087050 59.9 C813
Genetics of photoperiodism in corn. Ma, T H *Maize Genet Coop News Lett* 47: 186-187. Apr 15, 1973

087051 59.9 C813
Mitotic inhibition & chromosome damage produced by 5-bromodeoxyuridine (BUdR) in Zea mays L. root tip cells. [Corn]. Verma, R S *Maize Genet Coop News Lett* 47: 187-190. Apr 15, 1973

087052 59.9 C813
Nuclear cycle: a parameter for selection? [Corn]. Verma, R S *Maize Genet Coop News Lett* 47: 190-192. Apr 15, 1973

087053 59.9 C813
Reassociation of interchange & interstitial segments. [Corn chromosomes]. Jancey, R C *Maize Genet Coop News Lett* 47: 192-199. Apr 15, 1973

087054 59.9 C813
Intervarietal differentiation of maize pollen. Meuleman, B J J *Maize Genet Coop News Lett* 47: 199-205. Apr 15, 1973

087055 59.9 C813
Androgenesis & indeterminate gametophyte (ig) mutation: influence of pollen parent on androgenesis frequency. [Corn]. Kermicle, J *Maize Genet Coop News Lett* 47: 207-208. Apr 15, 1973

087056 59.9 C813
Androgenesis & indeterminate gametophyte mutation: source of cytoplasm. [Corn]. Kermicle, J *Maize Genet Coop News Lett* 47: 208-209. Apr 15, 1973

087057 59.9 C813
Nucleo-cytoplasmic interaction in determination of a defective seed trait. [Corn]. Kermicle, J *Maize Genet Coop News Lett* 47: 209-211. Apr 15, 1973

087058 59.9 C813
Screening for redundant segments in Zea mays genome with monosomic maize plants. Weber, D F *Maize Genet Coop News Lett* 47: 216-218. Apr 15, 1973

087059 59.9 C813
Fatty acid profiles from maize scutella: a new genetic tool. Plewa, M J *Maize Genet Coop News Lett* 47: 218-221. Apr 15, 1973

087060 59.9 C813
Additional studies on synaptonemal complex of haploid maize. Ting, Y C *Maize Genet Coop News Lett* 47: 22-24. Apr 15, 1973

087061 59.9 C813
Interchromosomal effects on chiasma formation in maize heterozygous for an inversion & an interchange. Sinha, S K *Maize Genet Coop News Lett* 47: 222-226. Apr 15, 1973

087062 59.9 C813
Distribution of bivalent chiasmata in maize plants heterozygous for two pericentric inversions. Sinha, S K *Maize Genet Coop News Lett* 47: 226-228. Apr 15, 1973

087063 59.9 C813
Recommendations for nomenclature changes. [Corn, genetics]. Nelson, O E *Maize Genet Coop News Lett* 47: 229-230. Apr 15, 1973

087064 59.9 C813
Characterization of DNA from maize lines of different heterochromatic constitution. Pryor, T *Maize Genet Coop News Lett* 47: 28-30. Apr 15, 1973

087065 59.9 C813
Avraham Shlomi – Israel's corn man. [Plant breeding]. Efron, Y *Maize Genet Coop News Lett* 47: 3-4. Apr 15, 1973

087066 59.9 C813
Genetic resistance to race T Helminthosporium maydis (Nisk & Miyaki). [Corn, fungus diseases]. Johnson, G R *Maize Genet Coop News Lett* 47: 31-32. Apr 15, 1973

087067 59.9 C813
'flower-pot technique' as a new method for mutation induction on maize pollen. Ryan, G S *Maize Genet Coop News Lett* 47: 33-34. Apr 15, 1973

087068 59.9 C813
Possible nontunicate to Tunicate mutations. [Corn]. Brawn, R I *Maize Genet Coop News Lett* 47: 34. Apr 15, 1973

087069 59.9 C813
Cytoplasmic male sterility research. [Corn]. Briggs, R W *Maize Genet Coop News Lett* 47: 35-37. Apr 15, 1973

087070 59.9 C813
Normal vs. male-sterile cytoplasms in maize. Fleming, A A *Maize Genet Coop News Lett* 47: 38. Apr 15, 1973

087071 59.9 C813
Feminization in teosinte (Euchlaena mexicana Schrad.). Banerjee, U C *Maize Genet Coop News Lett* 47: 40-42. Apr 15, 1973

087072 59.9 C813
Oldest convincing archaeo-palynoligical evidence for natural introgression between Tripsacum & Zea. Banerjee, U C *Maize Genet Coop News Lett* 47: 47-49. Apr 15, 1973

087073 59.9 C813
A proposition for a new classification of maize lines according to their cytoplasm & ri-factors. Dankov, T *Maize Genet Coop News Lett* 47: 5-6. Apr 15, 1973

087074 59.9 C813
Nuclear restoration of fertility in S male-sterile cytoplasm in amize. Laughnan, J R *Maize Genet Coop News Lett* 47: 50-52. Apr 15, 1973

087075 59.9 C813
AdhlFCm 'Operon'. [Alcohol dehydrogenase, corn, genetics]. Schwartz, D *Maize Genet Coop News Lett* 47: 53-55. Apr 15, 1973

087076 59.9 C813
Genetic differences between ADH [alcohol dehydrogenase] isozymes revealed by dissociation & reassociation experiments. Fischer, M *Maize Genet Coop News Lett* 47: 56-57. Apr 15, 1973

087077 59.9 C813
Products specified by two, unlinked alcohol dehydrogenase genes in maize are immunologically similar. Freeling, M *Maize Genet Coop News Lett* 47: 57-58. Apr 15, 1973

087078 59.9 C813
Functioning of dissimilar sperm of high-loss plants in double fertilization. [Corn]. Rhoades, M M *Maize Genet Coop News Lett* 47: 58-62. Apr 15, 1973

087079 59.9 C813
Elimination of hidden isolated heterozygous states of Rf-factors in sterile lines & single cross hybrids with genotype trflrflrf2rf2. [Corn]. Dankov, T *Maize Genet Coop News Lett* 47: 6-7. Apr 15, 1973

087080 59.9 C813
A cytogenetic analysis of a terminal deficiency in chromosome 3. [Corn]. Rhoades, M M *Maize Genet Coop News Lett* 47: 63-65. Apr 15, 1973

087081 59.9 C813
Absence of chromatin loss during embryo sac development in high-loss plants. [Corn]. Rhoades, M M *Maize Genet Coop News Lett* 47: 66-67. Apr 15, 1973

087082 59.9 C813
Intraspecies variation of ribosomal gene redundancy in Zea mays. [Corn]. Ramirez, S A *Maize Genet Coop News Lett* 47: 67-70. Ref. Apr 15, 1973

087083 59.9 C813
A new method for determination of degree of fertility in hybrids on sterile cytoplasm. [Corn]. Dankov, T *Maize Genet Coop News Lett* 47: 7-8. Apr 15, 1973

087084 59.9 C813
Isozyme pattern of catalases in developing maize endosperm. Poliakova, E V *Maize Genet Coop News Lett* 47: 73-75. Apr 15, 1973

087085 59.9 C813
Effect of segment relocation on intragenic recombination. [Corn]. Yu, M H *Maize Genet Coop News Lett* 47: 76-77. (Continued) Apr 15, 1973

087086 59.9 C813
Location of modifier gene of C1l locus confirmed. [Corn]. Robertson, D S *Maize Genet Coop News Lett* 47: 79-81. Apr 15, 1973

087087 59.9 C813
Degree of fertility in single cross hybirds with sterile cytoplasm. [Corn]. Dankov, T *Maize Genet Coop News Lett* 47: 8. Apr 15, 1973

087088 59.9 C813
Ordering of Y9 & Bf2 on linkage map of chromosome 1. [Corn]. Robertson, D S *Maize Genet Coop News Lett* 47: 81-82. Apr 15, 1973

087089 59.9 C813
Linkage relationships of chlorophyll defective mutants on chromosome 6. [Corn]. Robertson, D S *Maize Genet Coop News Lett* 47: 82-87. Apr 15, 1973

087090 59.9 C813
Linkage relationships of W1 & W8657 with chromocome 6 markers. [Corn]. Robertson, D S *Maize Genet Coop News Lett* 47: 88-89. Apr 15, 1973

087091 59.9 C813
Restoration of fertility in double cross hybrids on sterile basis. [Corn]. Dankov, T *Maize Genet Coop News Lett* 47: 9-11. Apr 15, 1973

087092 59.9 C813
Rate of alcohol dehydrogenase in vivo decay in endosperm of maize. Efron, Y *Maize Genet Coop News Lett* 47: 90-92. Apr 15, 1973

087093 59.9 C813
Extent of variation in ADH [alcohol dehydrogenase] activtity & Adhl genotypes among inbred lines of maize. Efron, Y *Maize Genet Coop News Lett* 47: 92-95. Apr 15, 1973

087094 59.9 C813
Variation among inbreds for black spot maturity & filling period. [Corn]. Poneleit, C G *Maize Genet Coop News Lett* 47: 96-97. Apr 15, 1973

087095 59.9 C813
Electrophoretic separation of peroxidases of lines carrying two different male-sterile cytoplasms. [Corn]. Smith, C F *Maize Genet Coop News Lett* 47: 97-99. Apr 15, 1973

087096 105.9 K696
Influence of root stock breeding with Vitis cinerea Type Arnold as parent on growth & yield of Vitis vinifera Gutedel Klon Fr 36 – 5. (Ger) Zimmermann, J *Mitt Rebe Wein Obstbau Fruchteverwert* 23 (1): 1-20. Ref. Eng. Sum. Jan 1973

087097 17 M69
Millet type weeds of corn fields. (Ger) Marschall, F *Mitt Schweiz Landwirt* 21 (6): 113-125. June 1973

087098 17 M69
Control of millet varieties in corn. (Ger) Ammon, H U *Mitt Schweiz Landwirt* 21 (6): 126-128. June 1973

087099 442.8 Z34
Mutants of Phycomyces with abnormal phototropism. Bergman, K *Mol Gen Genet* 123 (1): 1-16. Ref. 1973

087100 442.8 Z34
Stabilisation of a transient mutagen-sensitive state in Neurospora by protein synthesis inhibitor actidione. Kilbey, B J *Mol Gen Genet* 123 (1): 67-72. Ref. 1973

087101 442.8 Z34
Manipulation of mutation-induction kinetics in Neurospora crassa. Kilbey, B J *Mol Gen Genet* 123 (1): 73-76. 1973

087102 442.8 Z34
Mutations affecting levels of tetrahydrofolate interconversion enzymes in Saccharomyces cerevisiae. I. Enzyme levels in ade3-41 & ADE15, a dominant adenine auxotroph. Lam, K B *Mol Gen Genet* 123 (3): 199-208. Ref. 1973

087103 442.8 Z34
Mutations affecting levels of tetrahydrofolate interconversion enzymes in Saccharomyces cerevisiae. II. Map positions on chromosome VII of ade3-41 & ADE15. Jones, E W *Mol Gen Genet* 123 (3): 209-218. Ref. 1973

087104 442.8 Z34
Regulation of maltose fermentation in Saccharomyces carlsbergensis. I. function of gene MAL6, as recognized by mal6-mutants. Berge, A M A ten *Mol Gen Genet* 123 (3): 233-246. Ref. 1973

087105 442.8 Z34
Mutations affecting meiosis in Podospora anserina. II. Effect of mei2 mutants on recombination. Simonet, J M *Mol Gen Genet* 123 (3): 263-281. Ref. 1973

087106 443.8 M98
Mutagenic activity of ethylenimine in Neurospora crassa. Ong, T M *Mutation Res* 18 (3): 251-258. Ref. June 1973

087107 500 N21P
Mating types & macrocyst formation in Dictyostelium discoideum. Erdos, G W *Nat Acad Sci Proc* 70 (6): 1828-1830. Ref. June 1973

087108 500 N21P
Genetic analysis of developmental stages of cellular slime mold Dictyostelium purpureum. Yamada, T *Nat Acad Sci Proc* 70 (7): 2003-2005. July 1973

087109 472 N21
Cell budding & fission in microspores of Petunia. [Hybrida]. Izhar, S *Nature* 244 (5410): 35-37. July 6, 1973

087110 474 N213
High recombination rates in presence of edeine. [Neurospora crassa]. Beetz, B *Naturwissenschaften* 60 (6): 301. June 1973

087111 12 N3892
Experimental studies on seed production of tropical grasses in kenya. 7. breeding for improved seed & herbage productivity. Boonman, J G *Neth J Agr Sci* 21 (1): 12-23. Ref. 1973

087112 22.5 N684
Studies on EMS [ethyl methanlsulfonate]-induced mutations in barley. V. Effects of several dwarf genes on lodging resistance & yielding ability. (Jap) Konishi, T *Nogaku Kenkyu* 55 (1): 17-29. Ref. Mar 1973

087113 20.5 N86
Role & participation of state farms in plant breeding & seed production. (Pol) Paszkowski, W *Nowe Roln* 22 (9): 4-6. May 1/15, 1973

087114 77.8 OL2
Genome relationships in Arachis. [Peanuts]. Raman, V S *Oleagineux* 28 (3): 137-140. Ref. Mar 1973

087115 81 OR32
Twenty-two years of breeding beans. Frazier, W A *Oreg Hort Soc (proc)* 64: 160-161, 163-165. 1973

087116 81 OR32
Progress in developing new brocolli varieties. Baggett, J R *Oreg Hort Soc (proc)* 64: 179. 1973

087117 475 P11
Putative generic hybrids of Haleakala's silverwork & kupaoa (Argyroxiphium sandwicense x Dubautia menziesii) Compositae. Kobayashi, H K *Pacific Sci* 27 (2): 207-208. Apr 1973

087118 464.8 P56
New genes for rust resistance in flax. [Melampsora lini]. Zimmer, D E *Phytopathology* 63 (6): 777-780. June 1973

087119 450 P692
Gametogenesis in Chlamydomonas eugametos. I. Light requirements. Lorch, S K *Plant Physiol* 51 (6): 1046-1050. Ref. June 1973

087120 450 P692
Studies on 70S ribosomal content of a plastid mutant in Gossypium hirsutum. [Cotton]. Katterman, F R H *Plant Physiol* 51 (6): 1138-1139. Ref. June 1973

087121 450 P692
Effect on net photosynthesis of pedigree selection for low & high rates of photorespiration in tobacco. [Breeding]. Zelitch, I *Plant Physiol* 52 (1): 33-37. Ref. July 1973

087122 450 P692
Ethylene production & respiratory behavior of rin tomato mutant. [Breeding]. Herner, R C *Plant Physiol* 52 (1): 38-42. Ref. July 1973

087123 450 P697
Elucidation of biosynthesis of essential oils by means of genetic experiments. [Mentha piperita, Mentha spicata]. (Ger) Hefendehl, F W *Planta Med* 23 (4): 301-307. Ref. Eng. Sum. June 1973

087124 19.5 P752
Genetic correlations of qualtty indices in winter wheat. II. (Slo) Hraska, S *Pol'nohospodarstvo* 19 (2): 81-88. Eng. Sum. 1973

087125 19.5 P752
Analysis of combining ability of self-pollinating lines of maize (Zea mays L.) in system of diallel grossing. (Slo) Piovarci, A *Pol'nohospodarstvo* 19 (3): 163-171. Ref. Eng. Sum. 1973

087126 19.5 P752
Polyploids of perennial feedstuffs. XXII. Content properties of tetraploid forms of Trifolium L. (Slo) Racik, J *Pol'nohospodarstvo* 19 (3): 184-192. Ref. Eng. Sum. 1973

087127 442.8 P94
Hereditary structural alterations of plastids induced by a nuclear mutator gene in Arabidopsis. Redei, G P *Protoplasma* 77 (2/3): 361-380. Ref. 1973

087128 SB13.P8
Artificial induction of seedlessness in watermelon. Kalloo, K *Punjab Hortic J* 12 (2/3): 171-178. Ref. Apr/Sept 1972

087129 450 R11
Quantitative variations induced by gamma rays & fast neutrons in Arabidopsis thaliana. Daly, K *Radiat Bot* 13 (3): 149-154. Ref. June 1973

087130 450 R11
Radiobiological investigations on Pteris vittata L. II. X-ray effects of gametophytic generation. Palta, H K *Radiat Bot* 13 (3): 155-164. Ref. June 1973

087131 450 R11
Induction of some grain shape & morphological mutations in rice, variety IR-8. Reddy, G M *Radiat Bot* 13 (3): 181-184. June 1973

087132 QK865.A1R4
Genetic & biosynthetic relationships of monoterpenes. [Hedeoma drummondii, Hedeoma reverchonii]. Irving, R S *Recent Adv Phytochem* 6: 187-214. Map. 1973

087133 S15.E892
Study of knobs of maize mitotic chromosomes. (Por) Aguiar, L R de *Relat Cient Univ Sao Paulo Esc Super Agric Luiz de Queiroz Dep Genet Inst Genet* 6: 1-4. Eng. Sum. 1972

087134 S15.E892
Determination of number of possible composite populations & pairs of composites. [Corn]. (Por) Vencovsky, R *Relat Cient Univ Sao Paulo Esc Super Agric Luiz de Queiroz Dep Genet Inst Genet* 6: 120-123. Eng. Sum. 1972

087135 S15.E892
Frequency of improved sectors from a duplicated strain of Aspergillus nidulans. (Por) Azevedo, J L de *Relat Cient Univ Sao Paulo Esc Super Agric Luiz de Queiroz Dep Genet Inst Genet* 6: 13-14. Eng. Sum. 1972

087136 S15.E892
Mitotic non-conformity in Aspergillus nidulans: V5 & its derivatives. (Por) Azevedo, J L de *Relat Cient Univ Sao Paulo Esc Super Agric Luiz de Queiroz Dep Genet Inst Genet* 6: 15-16. Eng. Sum. 1972

087137 S15.E892
Karyosystematic & phylogeny in Fabaceae. (Por) Bandel, G *Relat Cient Univ Sao Paulo Esc Super Agric Luiz de Queiroz Dep Genet Inst Genet* 6: 23-28. Eng. Sum. 1972

087138 S15.E892
Sources of maize with multilayer aleurone. (Por) Blumenschein, A *Relat Cient Univ Sao Paulo Esc Super Agric Luiz de Queiroz Dep Genet Inst Genet* 6: 29-30. Eng. Sum. 1972

087139 S15.E892
Numerical chromosomic aberrations in Aspergillus nidulans. (Por) D'Arce, M M C D *Relat Cient Univ Sao Paulo Esc Super Agric Luiz de Queiroz Dep Genet Inst Genet* 6: 33-34. Eng. Sum. 1972

087140 S15.E892
Collection of base populations for breeding of molasses grass (Melinis minutiflora Beauv.). (Por) Martins, P S *Relat Cient Univ Sao Paulo Esc Super Agric Luiz de Queiroz Dep Genet Inst Genet* 6: 49-52. Eng. Sum. 1972

087141 S15.E892
Resistance to Helminthosporium maydis in maize: genetic studies. (Por) Melo, M R C *Relat Cient Univ Sao Paulo Esc Super Agric Luiz de Queiroz Dep Genet Inst Genet* 6: 53-55. Eng. Sum. 1972

087142 S15.E892
Nic 8 suppressors in Aspergillus nidulans. (Por) Miranda Filho, J B de *Relat Cient Univ Sao Paulo Esc Super Agric Luiz de Queiroz Dep Genet Inst Genet* 6: 56-60. Eng. Sum. 1972

087143 S15.E892
Estimates of additive genetic variance of several local populations of corn. (Por) Miranda Filho, J B de *Relat Cient Univ Sao Paulo Esc Super Agric Luiz de Queiroz Dep Genet Inst Genet* 6: 61-66. Eng. Sum. 1972

087144 S15.E892
Additive genetic variance for yield in two corn composities & its implication in a selection program. (Por) Miranda Filho, J B de *Relat Cient Univ Sao Paulo Esc Super Agric Luiz de Queiroz Dep Genet Inst Genet* 6: 67-73. Eng. Sum. 1972

087145 S15.E892
Comparative analysis of American & African molasses grass (Melinis minutiflora Beauv.) i. Percentage of purity, percentage of germination & cultural value. (Por) Oliveira, E M P de *Relat Cient Univ Sao Paulo Esc Super Agric Luiz de Queiroz Dep Genet Inst Genet* 6: 74-76. Eng. Sum. 1972

087146 S15.E892
Utilization & maintenance of varieties for seed production including intervarietal crosses. (Por) Paterniani, E *Relat Cient Univ Sao Paulo Esc Super Agric Luiz de Queiroz Dep Genet Inst Genet* 6: 77-82. Eng. Sum. 1972

087147 S15.E892
Mutation induction in rice by gamma-rays combines with chemical protectants & alkylating compounds. (Pro) Ando, A *Relat Cient Univ Sao Paulo Esc Super Agric Luiz de Queiroz Dep Genet Inst Genet* 6: 8-12. Eng. Sum. 1972

087148 S15.E892
Combining ability of exotic inbred lines in intervarietal cross. [Corn]. (Por) Paterniani, E *Relat Cient Univ Sao Paulo Esc Super Agric Luiz de Queiroz Dep Genet Inst Genet* 6: 83-85. Eng. Sum. 1972

087149 S15.E892
Relationship between germ size evaluated visually & oil content in maize. (Por) Paterniani, E *Relat Cient Univ Sao Paulo Esc Super Agric Luiz de Queiroz Dep Genet Inst Genet* 6: 86-90. Eng. Sum. 1972

087150 S15.E892
Yield components in relation to heterosis in intervarietal corn hybrids (Zea mays L.). (Por) Tavares, F C A *Relat Cient Univ Sao Paulo Esc Super Agric Luiz de Queiroz Dep Genet Inst Genet* 6: 96-116. Eng. Sum. 1972

087151 S17.M3
Genetic studies in pigeonpea. II. N. Black x Purple grained. Deokar, A B *Res J Mahatma Phule Agric Univ* 3 (1): 12-20. Ref. Jan 1972

087152 450 R34
Floral structure, hybridization & evolutionary relationship of two species of Mimulus. [Mimulus guttatus, Mimulus nasutus]. Kiang, Y T *Rhodora* 75 (802): 225-238. Ref. June 1973

087153 80 SA15
Moldavian grape varieties & breeding problems. (Rus) Guzun, N I *Sadov Vinogradarstvo Vinodelie Moldavii* 4: 18-21. Apr 1973

087154 21 P75
Triticum monococcum L. From Yugoslavia. (Cro) Pavicevic, L *Savremena Poljoprivreda* 20 (11/12): 101-104. Ref. 1972

087155 464.8 SB5
Physiological races of Puccinia graminis Pers. f. sp. avenae Erikss. et Henn. in Czechoslovakia in years 1967 & 1968. (Cze) Sebesta, J *Sb Uvti (Ustav Vedeckotech Inform) Ochrana Rostlin* 9 (1): 1-6. Ref. Eng. Sum. Feb 1973

087156 464.8 SB5
Inhibition ability of potato leaf sap in relation to X virus, & its specificity. (Cze) Chod, J *Sb Uvti (Ustav Vedeckotech Inform) Ochrana Rostlin* 9 (1): 27-30. Ref. Eng. Sum. Feb 1973

087157 464.8 SB5
Resistance of potato to X virus. (Cze) Zadina, J *Sb Uvti (Ustav Vedeckotech Inform) Ochrana Rostlin* 9 (1): 31-36. Ref. Eng. Sum. Feb 1973

087158 470 SCI2
Methionine sulfoximine-resistant mutants of tobacco. [Bacterial diseases, Pseudomonas tabaci]. Carlson, P S *Science* 180 (4093): 1366-1368. June 29, 1973

087159 S13.S55
Biological bases for breeding varieties of intensive-type spring wheat. (Rus) Leont'ev, S I *Sib Vestn S-kh Nauk* 2: 15-21. Ref. Mar/Apr 1973

087160 QH431.A1G43
A case of simultaneous appearance of a chlorophyll mutation & a reciprocal translocation in case of irradiation of pea seeds with gamma rays. Gostimskii, S A *Sov Genet* 6 (9): 1173-1180. Ref. Sept 1970 Transl. May 1973

087161 QH431.A1G43
Mechanism of formation of ring chromosomes & somatic crossing-over. [Crepis capillaris]. Dubinin, N P *Sov Genet* 6 (9): 1185-1196. Ref. Sept 1970 Transl. May 1973

087162 QH431.A1G43
An investigation of meiosis in diploid (Morus alba L.) & 22-ploid (Morus nigra L.) species of mulberry tree & of a hybrid between them in connection with question of origin of species Morus nigra L. Agaev, Y M *Sov Genet* 6 (9): 1202-1211. Ref. Sept 1970 Transl. May 1973

087163 QH431.A1G43
Study of yeast strains with increased mutability. [Saccharomyces cerevisiae]. Kozhin, S A *Sov Genet* 6 (9): 1231-1237. Ref. Sept 1970 Transl. May 1973

087164 QH431.A1G43
Study of increased spontaneous mutability in Saccharomyces cerevisiae. Communication I interallelic complementation in locus ad2 instrains with increased spontaneous mutability. Devin, A B *Sov Genet* 6 (9): 1244-1252. Ref. Sept 1970 Transl. May 1973

087165 464.8 SP2
Breeding cereals for protein. [Corn, wheat, barley]. Walker, J T *SPan (shell Publ Health Agr News)* 16 (1): 7-9. 1973

087166 HD9130.1.T6
Simplified methods of pollen storage in tobacco. [Breeding]. Gwynn, G R *Tob Sci* 16: 84-85. 1972

087167 286.89 T552
Production & behavior of nullisomic S in Nicotiana tabacum. [Tobacco]. Gerstel, D U *Tobacco (new York)* 175 (12): 37-38. June 8, 1973

087168 442.8 UZ1
Fertilization process in cotton plant Gossypium hirsutumL. In second generation with radiation of seeds with gamma rays. (Rus) Kaliagina, L G *Uz Biol Zhur* 1: 39-41. Ref. 1973

087169 442.8 UZ1
Reasons for sterility in hybrids of old-world & new-world cotton species. (Rus) Shariaeva, G S *Uz Biol Zhur* 1: 42-44. Ref. 1973

087170 95.8 V833
Studies on berry dropping of diploid & tetraploid grape-vines. (Ger) Staudt, G *Vitis* 12 (1): 1-15. Ref. Eng. Sum. Mar 1973

087171 95.8 V833
Evidence for a genetic difference in berry weight between Sultana vines. Antcliff, A J *Vitis* 12 (1): 16-22. Ref. Mar 1973

087172 20 AK1
Heritability of boll size in hybrids & parental varieties of cotton. (Rus) Babadzhanov, F *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 5: 18-19. May 1973

087173 20 AK1
Variability of combining ability of soft spring wheat varieites. (Rus) Silis, D IA *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 5: 7-9. May 1973

087174 105.2 V61V
Assessment of plants & families in breeding of Phleum pratense. (Dut) Dijk, G E van *Wageningen Cent Landouwpubl Landbou Verslag Landbouwkund Ore* 788, 103 P. Ref. Eng. Sum. 1973

087175 79.8 W412
Effect of minimum soil temperature on differential distribution of Cyperus rotundus & Cyperus esculentus in United States. Stoller, E W *Weed Res* 13 (2): 209-217. Ref. June 1973

087176 95.8 W435
First results of testing of a new Riesling clone. I. 'small clone' from Geisenheim clone 239. [Grapes]. (Ger) Sievers, E *Weinberg Keller* 20 (5): 233-247. Ref. May 1973

087177 450 Z32
Test tube fertilization in Petunia hybrida. (Ger) Wagner, G *Z Pflanzenphysiol* 69 (3): 262-269. Ref. Eng. Sum. 1973

087178 450 Z36
Intervarietal correlations between yield, development & quality characters in winter wheat, relation of gluten content o crude protein content as a varietal character & progress in breeding wheat of high qu (Ger) Hansel, H *Z Pflanzenzucht* 69 (3): 169-209. Ref. Eng. Sum. May 1973

087179 450 Z36
Pollen development & variation in genus Lolium. 2. Pollen stainability, low temperature storage & in vitro germination. Manthriratna, M A P P *Z Pflanzenzucht* 69 (3): 210-220. Ref. May 1973

087180 450 Z36
Breeding winter-hardy marrowfat pea varieties under natural conditions of selection. (Ger) Dressler, O *Z Pflanzenzucht* 69 (3): 221-230. Eng. Sum. May 1973

087181 450 Z36
Assessment of relationship among tetraploid Triticum species through diallel cross analysis. Joshi, M G *Z Pflanzenzucht* 69 (3): 231-238. Ref. May 1973

087182 450 Z36
Investigations on yielding properties of F1 hybrids of winter wheat. (Ger) Keydel, F *Z Pflanzenzucht* 69 (3): 239-255. Ref. Eng. Sum. May 1973

087183 QR1.Z4
Chemical mutagenesis in Taphrina maculans Butler. I. Surival & mutation induction by N-methyl-N'-nitro-N-nitrosoguanidine. Singh, U P *Zeitsch Allg Mikrobiol* 13 (2): 161-166. Ref. 1973

087184 80 OV64
Evaluation of hybrid cucumbers from green houses. (Cze) Holovlaska, H *ZL (zahradnicke Listy)* 66 (2): 50-51. 1973

087185 80 OV64
Rejuvenating kernel-fruit trees in an intensive culture. (Cze) Brabec, S *ZL (zahradnicke Listy)* 66 (3): 77-78. 1973

087186 80 OV64
Are there varieties of kidney beans resistant to mosaic virus? (Cze) Chod, J *ZL (zahradnicke Listy)* 66 (3): 82. 1973

PLANT PHYSIOLOGY AND BIOCHEMISTRY — GENERAL

087187 505 P21 (3)
Enzymatic activities & infrastructure of simple dictyosome. [Paecilomyces berlinensis]. (Fre) Ola'h, G M *Acad Sci (paris) C R Ser D* 276 (15) 2261-2263. Ref. Apr 9, 1973

087188 505 P21 (3)
Action of rythm of immersion on development of free proline in process of development in Salicornia stricts Dumort. (Fre) Langlois, J *Acad Sci (paris) C R Ser D* 276 (15): 2305-2308. Ref. Apr 9, 1973

087189 505 P21 (3)
Application of affinity chromatography for isolation of antigenic fractions of Aspergillus fumigatus supporting a chymotrypsic activity. (Fre) Bout, D *Acad Sci (paris) C R Ser D* 276 (15): 2341-2344. Apr 9, 1973

087190 505 P21 (3)
Interactions between oxygen & light in germination & induction of a secondary dormancy in seeds of Rumex crispus L. (Fre) Le Deunff, Y *Acad Sci (paris) C R Ser D* 276 (16): 2381-2384. Apr 16, 1973

087191 505 P21 (3)
Phytochrome & thermal shock in germination of seeds of Rumex crispus L. (Fre) Deunff, Y L *Acad Sci (paris) C R Ser D* 276 (17): 2443-2446. Apr 25, 1973

087192 505 P21 (3)
On existence of soluble proteins with common antigenic properties in leaves of different species of Angiospermae. (Fre) Rouge, P *Acad Sci (paris) C R Ser D* 276 (19): 2645-2648. Ref. May 9, 1973

087193 505 P21 (3)
Rhythms of nuclear divisions & septation in apical articles in growth of mycelium of Polyporous arcularius (Batsch) ex Fr. (Fre) Valla, G *Acad Sci (paris) C R Ser D* 276 (19): 2649-2652. May 9, 1973

087194 QD1.A2
Primary photochemistry of photosystem II of photosynthesis. [plants]. Butler, W L *Acc Chem Res* 6 (6): 177-184. Ref. June 1973

087195 442.8 AC86
Some data on in vitro hydroxylation of anthranilic acid & its biological transfomation products. 17. [Plants]. Matkovics, B *Acta Biol (Szeged)* (New Ser.) 18 (1/4): 135-144. Ref. 1972

087196 442.8 AC86
Light-induced transformations of pigments. II. role of water in transformation of carotenoids. [Nonea lutea, Rumex acetosella]. Maroti, I *Acta Biol (Szeged)* (New Ser.) 18 (1/4): 81-91. Ref. 1972

087197 442.8 AC86
Screening for antibacterial, antifungal & antiphage substances in higher plants. Ferenczy, L *Acta Biol (Szeged)* (New Ser.) 18 (1/4): 93-116. Ref. 1972

087198 450 AC824
Investigations on known or potential antitumoral plants by means of microbiological tests. IV. Biological activity of selected plant species in yeast test. Kubas, J *Acta Biol Cracov Ser Bot* 15 (2): 101-112. 1972

087199 450 AC824
Influence of metabolites of Aspergillus flavus Link. & Penicillium meleagrinum Biourge on mitoses. Kubiak, R *Acta Biol Cracov Ser Bot* 15 (2): 127-133. Ref. 1972

087200 450 AC824
Sex ratios in polish natural populations & in seedling samples of Rumex acetosa L. & Rumex thyrsiflorus Fing. Zarzycki, K *Acta Biol Cracov Ser Bot* 15 (2): 135-151 ref. 1972

087201 450 AC824
Investigations on known or potential antitumoral plants by means of microbiological tests. III. Biological activity of some cultivated plant species in Neurospora crassa test. Kubas, J *Acta Biol Cracov Ser Bot* 15 (2): 87-100. Ref 1972

087202 QH431.G44
Schizosaccharomyces pombe arginine mutants lacking ornithine transcarbamylase. Ali, A M M *Acta Biol Iugosl Ser F Genet* 4 (2): 245-249. 1972

087203 QH431.G44
Establishment of mutations to prototrophy in Schizosaccharomyces pombe after treatment with nitrous acid & effect of post-treatments. Ali, A M M *Acta Biol Iugosl Ser F Genet* 4 (2): 251-259. Ref. 1972

087204 384 AC8
Possibility to extend concept of enterochromaffine cellular system to plants. I. Discussion of problem dioica L. (Ita) Vialli, D M *Acta Histochem* 45 (2): 270-282. Ref. Eng. Sum. 1973

087205 409.6 AC8
Effect of etheylenediaminetetraacetic acid on growth of Chlorella pyrenoidosa & its role in dynamics of metabolism & accessibility of iron & calcium. (Pol) Zarnowski, J *Acta Hydrobiol* 14 (4): 353-373. Ref. Eng. Sum. 1972

087206 409.6 AC8
Chemical changes in water & accumulation stratum of soils in ponds fertilized with beet-sugar factory wastes. [Phytoplankton]. (Pol) Lewkowicz, S *Acta Hydrobiol* 15 (1): 1-49. Ref. 1973

087207 409.6 AC8
Plankton of ponds enriched with wastes from beet sugar factories. [Poland]. Kyselowa, K *Acta Hydrobiol* 15 (1): 51-87. Ref. 1973

087208 409.6 AC8
Epiphytic microphytes in a pond polluted with beet sugar factory wastes. [Poland]. Huk, W *Acta Hydrobiol* 15 (1): 89-95. Ref. 1973

087209 22.5 N682
Introduction to plant nutrition. 15. (Jap) Takahashi, E *Agric Hortic* 48 (5): 103-108. Ref. May 1973

087210 442.8 AL6
Alkaloid content of spotted Asiapoppy. [Romeria refracta]. (Rus) Salikhov, S A *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 3: 34-36. 1973

087211 442.8 AL6
Projection & weight of Artemisia diffusa in pastures in Karnabchul. (Rus) Mavlianov, S *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 3: 37-39. 1973

087212 442.8 AL6
Something new in biology of Peganum harmala. (Rus) Sulaimanov, E S *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 3: 76-77. 1973

087213 84 AL6
Some thoughts on cushion plants. Drysdale, W *Alp Gard Soc Quart Bull* 41 (2): 151-155. June 1973

087214 381 AM33J
Marine natural products. VIII pachydictyol A, an exceptional diterpene alcohol from brown alga, Pachydictyon coriaceum. Hirschfeld, D R *Amer Chem Soc J* 95 (12): 4049-4050. June 13, 1973

087215 381 AM33J
New thiane chemistry. conceptually simple & tecnhically practical total synthesis of Cecropia juvenile hormones. Stotter, P L *Amer Chem Soc J* 95 (13): 4444-4446. June 27, 1973

087216 381 AM33J
Carbon-13 nuclear magnetic resonance spectroscopy of naturally occurring substances. XIX. Aspidosperma alkaloids. Wenkert, E *Amer Chem Soc J* 95 (15): 4990-4995. Ref. July 25, 1973

087217 450 AM35
Sexual reproduction in Ophioglossum crotalophoroides. Mesler, M R *Amer Fern J* 63 (2): 28-33. Ref. Apr/June 1973

087218 450 AM36
Incorporation of tritiated thymidine during various stages of leaf development of Xanthium pennsylvanicum. Maksymowych, R *Amer J Bot* 60 (6): 529-534. Ref. July 1973

087219 450 AM36
Sexual & subsexual systems in homosporous pteridophytes: a new hypothesis. Klekowski, E S *Amer J Bot* 60 (6): 535-544. Ref. July 1973

087220 81 SO12
Isolation & identification of a growth inhibitor in tung bud scales. [Aleurites fordii]. Spiers, J M *Amer Soc Hort Sci J* 98 (3): 237-238. May 1973

087221 381 AN13
Alternative methods of preparation & analysis of quasi-crystalline protein from Neurospora crassa. Kaplan, D M *Anal Biochem* 53 (2): 407-410. June 1973

087222 381 AN13
Pruification of leaf nucleotides & nucleosides on insoluble polyvinylpyroolidone. Guinn, G *Anal Biochem* 54 (1): 276-282. July 1973

087223 381 AN13
A rapid method for gas chromatographic analysis of monoand disaccharide mixtures. [Cyperus rotundus]. Phillips, D V *Anal Biochem* 54 (1): 95-101. July 1973

087224 34.2 AN4
Studies on physiology of seeds under storage. I. Rate of sorption by seeds & influence of fumigants on their viability. Swamy, P M *Andhra Agr J* 18 (3/4): 122-127. Ref. May/Aug 1971 (Pub. 1973)

087225 384 Z33
Determination of vanadium compound in Amanita muscaria, called amavidin. (Ger) Kneifel, H *Angew Chem* 85 (12): 542-543. June 1973

087226 421 AN9
In memoriam Dr. Herbert Rauscher. [Insect control]. (Ger) Leib, E *Anz Schadlingsk Pflanzenschutz* 46 (6): 89-90. June 1973

087227 448.3 AP5
Intergenic complementation of glucoamylase & citric acid production in two species of Aspergillus. [Aspergillus foetidus, Aspergillus niger]. Chang, L T *Appl Microbiol* 25 !6): 890-895. Ref. June 1973

087228 S7.A755
On a method for measuring relative root performance of agricultural plants in different depths of soil following measures of amelioration. (Ger) Igel, H *Arch Acker Pflanz Bodenkd* 17 (3): 195-201. Eng. Sum. 1973

087229 381 AR2
Comparative specificity of microbial acid proteinases for synthetic peptides. I. Primary specificity. [Fungi]. Oka, T *Arch Biochem Biophys* 156 (2): 543-551. Ref. June 1973

087230 381 AR2
Comparative specificity of microbial acid proteinases for synthetic peptices. II. Effect of secondary interaction. [Fungi]. Oka, T *Arch Biochem Biophys* 156 (2): 552-559. Ref. June 1973

087231 381 AR2
A specific & sensitive fluorometric assay for tryptophan oxygenase. [Neurospora crassa]. Casciano, D A *Arch Biochem Biophys* 156 (2): 658-664. Ref. June 1973

087232 381 AR2
Ca2 [calcium] transport activity in mitochondria from some plant tissues. Chen, C H *Arch Biochem Biophys* 157 (1): 183-196. Ref. July 1973

087233 381 AR2
Ribosomal cistrons of water mold Achlya bisexualis. Jaworski, A J *Arch Biochem Biophys* 157 (1): 260-267. Ref. Jul 1973

087234 381 AR2
Biogenesis of ethylene in Penicillium digitatum. Chou, T W *Arch Biochem Biophys* 157 (1): 73-82. Ref. July 1973

087235 410 AR28
Amino acid composition of freshwater algae. Boyd, C E *Arch Hydrobiol* 72 (1): 1-9. Ref. June 1973

087236 410 AR28
Studies on phytoplankton in relation to its production & some physical-chemical factors in Lake Svinsjoen. [Sweden]. Lande, A *Arch Hydrobiol* 72 (1): 71-86. Map. Ref. June 1973

087237 442.8 AR26
Metabolic products of microorganisms 118. Delta-n-hydroxy-L-arginine, an amino acid antagonist from Nannizzia gypsea. (Ger) Fischer, B *Arch Mikrobiol* 91 (3): 203-220. Ref. Eng. Sum. 1973

087238 442.8 AR26
A low molecular weight colchicine binding protein from aquatic phycomycete Allomyces neo-moniliformis. Olson, L W *Arch Mikrobiol* 91 (3): 281-286. Ref. 1973

087239 500 AR44
Desert pollen production. I. Qualitative influence of moisture. Solomon, A M *Ariz Acad Sci J* 7 (2): 52-74. Map. Ref. June 1972

087240 500 AR44
Salt uptake in plants grown at constant high relative humidity. O'Leary, J W *Ariz Acad Sci J* 7 (3): 124-128. Ref. Oct 1972

087241 500 AR44
Calcium loss from plant roots during osmotic adjustment. Espindola Frota, J N *Ariz Acad Sci J* 8 (1): 26-28. Ref. Feb 1973

087242 61.9 AS7
Breaking seed dormancy in Genista tinctoria L. Hyde, L C *Ass Off Seed Anal Proc* 62: 154-158. 1972

087243 61.9 AS7
Evaluating duration of dormancy in Polygonum pensylvanicum L. Belcher, E W *Ass Off Seed Anal Proc* 62: 98-100. 1972

087244 381 AS7
Application of high-speed liquid chromatography to analysis of aflatoxins. [Aspergillus parasiticus]. Seiber, J N *Ass Offic Anal Chem J* 56 (4): 827-830. Ref. July 1973

087245 381 AS7
Prevention of selenium interference with measurement of phosphate as its molybdenum (V-VI) complax. [Plants]. Milham, P J *Ass Offic Anal Chem J* 56 (4): 882-885. July 1973

087246 442.8 AU72
Photosynthesis & assimilate distribution in Lolium multiflorum Lam. following differential tiller defoliation. Gifford, R M *Australian J Biol Sci* 26 (3): 517-526. Ref. June 1973

087247 475 AU73
Chemical studies of Proteaceae. VI. Two naphthoquinones from Stenocarpus salignus. Mock, J *Australian J Chem* 25 (5): 1121-1130. Ref. May 1973

087248 475 AU73
Constituents of Eupomatia species. III. New eupomatenoid lignans from leaves & wood of Eupomatia laurina. Picker, K *Australian J Chem* 26 (5): 1111-1119. May 1973

087249 56.8 B52
Living influences on plant development. Podolinsky, A de *Bio-dynamics* 106: 1-10. Spring 1973

087250 56.8 B52
A typical iron plant: Urtica dioica. Pelikan, W *Bio-dynamics* 106: 28-30. Spring 1973

087251 442.8 B5236
Effect of antimycin on b-cytochromes of plant mitochondria: Oxidation-reduction behavior of cytochromes b-566. Lambowitz, A M *Biochem Biophys Res Commun* 52 (3): 703-711. Ref. June 8, 1973

087252 442.8 B5236
Superoxide reduction as a mechanism of ascorbatestimulated oxygen uptake by isolated chloroplasts. Allen, J F *Biochem Biophys Res Commun* 52 (3): 856-862. Ref. June 8, 1973

087253 442.8 B5236
Chlorophyll associations in chloroplast: resonance raman spectroscopy. Lutz, M *Biochem Biophys Res Commun* 53 (2): 413-423. Ref. July 17, 1973

087254 382 B52
Amino acid sequence of cytochrome c from Nigella damascena L. (love-in-a-mist). Brown, R H *Biochem J* 133 (2): 251-254. Ref. June 1973

087255 382 B52
Redox potentials of two-iron plant & algal ferredoxins. An electrostatic model. Kassner, R J *Biochem J* 133 (2): 283-287. Ref. June 1973

087256 382 B52
Adenosine 5'-triphosphate sulphurylase from Saccharomyces cerevisiae. Hawes, C S *Biochem J* 133 (3): 541-550. Ref. July 1973

087257 382 B52
Adenosine 3':5'-cyclic monophosphate-binding protein from th e cellular slime mould Dictyostelium discoideum. Malkinson, A M *Biochem J* 133 (3): 601-603. Ref. July 1973

087258 382 B52
Localization of enzymes of intermediary metabolism in Astasia [Longa] & Euglena. [Gracilis]. Begin-Heick, N *Biochem J* 134 (2): 607-616. Ref. June 1972

087259 QK710.F5
Characterization & synthesis of anacystis ribonulceic acids. Szalay, A *Biochem Physiol Pflanzen (bpp)* 164 (1): 1-13. Ref. 1973

087260 QK710.F5
Changes in level of ascorbic acid in germinating seeds of Acacia senegal Willd. Tweari, M N *Biochem Physiol Pflanzen (bpp)* 164 (1): 103-106. Ref. 1973

087261 QK710.F5
Enhancement of raya (Brassica juncea Coss.) germination under simulated drought, by seed treatment with cyocecel (2-chlorethyl) trimethyl ammonium chloride. Pandya, R B *Biochem Physiol Pflanzen (bpp)* 164 (1): 112-115. Ref. 1973

087262 QK710.F5
Action of mutagenic chemicals on blue-green algae. [Anabaena viriabilis]. Gupta, R S *Biochem Physiol Pflanzen (bpp)* 164 (1): 14-21. Ref. 1973

087263 QK710.F5
A native DNA-RNA hybrid from Anacystis nidulans. Szalay, A *Biochem Physiol Pflanzen (bpp)* 164 (1): 34-40. Ref. 1973

087264 QK710.F5
Studies on aromatic pathway & alkaloid formation in Claviceps [paspali] species. (Ger) Schmauder, H P *Biochem Physiol Pflanzen (bpp)* 164 (1): 41-57. Ref. Eng. Sum. 1973

087265 QK710.F5
Isolation & characterization of L-leucineaminopeptidase (1AP) & L-alanineaminopeptidase (AAP) from Euglena gracilis. (Ger) Senkpiel, K *Biochem Physiol Pflanzen (bpp)* 164 (1): 72-79. Ref. Eng. Sum. 1973

087266 QK710.F5
Application of a sensitive registering method for continual measurement of water uptake by plant tissues. (Ger) Ehwald, R *Biochem Physiol Pflanzen (bpp)* 164 (1): 88-97. Ref. Eng. Sum. 1973

087267 QK710.F5
Effect of substituted alkoxycarbonylmethoxy-2,1,3-benzo-thiadiazoles on seed germination of Brassica juncea. Bohra, S P *Biochem Physiol Pflanzen (bpp)* 164 (1): 98-102. 1973

087268 381 B523
Fatty acid synthetase activity in Euglena gracilis variety bacillarius. Characterization of an acyl carrier protein dependent system. Ernst-Fonberg, M L *Biochemistry* 12 (13): 2449-2455. Ref. June 19, 1973

087269 381 B522
Tritium incorporation & retention in photosynthesizing algae. [Chlorella pyrenoidosa, Anacystis nidulans]. Rambeck, W A *Biochim Biophys Acta* 304 (3): 725-735. Ref. May 28, 1973

087270 381 B522
Enzymatic transfer of mannose from guanosine diphosphate mannose to dolichol phosphate in yeast (Hansenula holstii) a possible step in mannan synthesis. Bretthauer, R K *Biochim Biophys Acta* 304 (3): 736-747. Ref. May 28, 1973

087271 381 B522
Chemotactic effect of 5'-amido analogues of adenosine cyclic 3',5'-monophosphate in cellular slime moulds. [Dictyostelium discoideum]. Konijn, T M *Biochim Biophys Acta* 304 (3): 774-780. May 28, 1973

087272 381 B522
Isolation of a fast decay in submillisecond Chlorella luminescence. Lumpkin, O *Biochim Biophys Acta* 305 (2): 281-291. May 30, 1973

087273 381 B522
Feedback controlling oxygen production in a cross-reaction between two photosystems in photosynthesis. [Chlorella vulgaris, Phormidium luridium]. Diner, B *Biochim Biophys Acta* 305 (2): 329-352. Ref. May 30, 1973

087274 381 B522
Turnover times of photosynthesis & redox properties of pool of electron carriers between photosystems. [Chlorella]. Diner, B *Biochim Biophys Acta* 305 (2): 353-363. Ref. May 30, 1973

087275 381 B522
Polycation inhibition of chloroplast photosystem.i. [Nicotiana]. Berg, S *Biochim Biophys Acta* 305 (2): 372-383. Ref. May 30, 1973

087276 381 B522
Light-induced spectral changes of p700 in 800-nm region in Anacystis & spinach lamellae. Inoue, Y *Biochim Biophys Acta* 305 (2): 483-487. Ref. May 30, 1973

087277 381 B522
On identity of 640-nm component observed in chlorophyll b absorption spectra in vivo. [Ulva lactuca]. Leppink, G J *Biochim Biophys Acta* 305 (3): 610-617. Ref. June 28, 1973

087278 381 B522
Electron transport between plastoquinone & chlorophyll a1 in chloroplasts. Haehnel, W *Biochim Biophys Acta* 305 (3): 618-631. Ref. June 28, 1973

087279 381 B522
Oxidation – reduction potential of membrane-bound chloroplast plastocyanin & cytochrome f. [Spinach]. Malkin, R *Biochim Biophys Acta* 305 (3): 675-678. Ref. June 28, 1973

087280 381 B522
Particle weights of active ribosomal subunits from Neurospora crassa. Cammarano, P *Biochim Biophys Acta* 308 (3): 404-411. May 18, 1973

087281 381 B522
Purification of dextranase from Penicillium funiculosum & its enzymatic properties. Sugiura, M *Biochim Biophys Acta* 309 (2): 357-362. Ref. June 68 1973

087282 381 B522
Beta-cyclopiazonate oxidocyclase from Penicillium cyclopium. III. Preliminary studies on mechanism of action. Steenkamp, D J *Biochim Biophys Acta* 309 (2): 440-456. Ref. June 6, 1973

087283 381 B522
Phytohemagglutinin from sunn hemp seeds (Crotalaria juncea). Purification by biospecific affinity chromatography. [Sunn lootalaria]. Ersson, B *Biochim Biophys Acta* 310 (2): 446-452. Ref. June 15, 1973

087284 381 B522
Rapidly renatured DNAs of some higher plants. Thornburg, W *Biochim Biophys Acta* 312 (2): 211-214. Ref. June 23, 1973

087285 381 B522
Lack of guanosine tetraphosphate accumulation during inhibition of RNA synthesis in Neurospora crassa. Alberghina, F A M *Biochim Biophys Acta* 312 (2): 435-439. Ref. June 23, 1973

087286 410 B52
Development of liverwort Marchantia polymorpha L. after exposure to cycles of continuous incandescent light. De Cleene, M *Biol Jaarb* 40: 181-187. 1972

087287 450 B52
Effect of surface-active agents on quantum requirement of photosynthesis determined by thermodynamic method. Batyuk, V P *Biol Plant* 15 (3): 161-165. 1973

087288 450 B52
Morphological observations on conditions of resumption of activity of Carex pachystylis J. Gay after drought period. (Fre) Hubac, C *Biol Plant* 15 (3): 189-193. 1973

087289 450 B52
Plant nitrogen metabolism & calcium or potassium deficiency. Fialova, S *Biol Plant* 15 (3): 194-201. Ref. 1973

087290 QH505.A1B5
Dynamics of cytoplasmic streaming in a plant cell. [Nitella expansa]. Kamiya, N *Biorheology* 10 (2): 179-187. June 1973

087291 99.8 B632
A contribution to study of biology of Dipterocarpacia: Phenology & germination of koki (Hopea odorata) at Dangkor (Kandal). (Fre) Tixier, P *Bois Forets Trop* 148: 47-52. Eng. Sum. Mar/Apr 1973

087292 450 B652
Effects of CCC [2-chloroethyltrimethylammonium chloride] ethrel, abscisic acid, abscisic aldehyde, & abscisic hydrocarbon on development & flowering of Chenopodium rubrum L. De Fossard, R A *Bot Gaz* 134 (2): 103-117. Ref. June 1973

087293 450 B652
Effects of some environmental factors on differentiation of stomata in Spirodela intermedia W. Koch. Fernandez, O A *Bot Gaz* 134 (2): 117-121. Ref. June 1973

087294 450 EN3B
History of floral development of Rosvaceae. (Ger) Kania, W *Bot Jahrbucher* 93 (2): 175-246. Ref. Eng. Sum. Apr 3, 1973

087295 450 N85
Measurement of photosynthesis & respiration intensity of unicellular alga Scenedesmus obtusiusculus Chod. By oxygen electrode method. (Hun) Meszes, G *Bot Kozlemenyek* 59 (4): 217-224. Ref. 1972

087296 450 N85
Effect of copper ions on catalase activity of Elodea canadensis leaves. (Hun) Frenyo, V *Bot Kozlemenyek* 59 (4): 233-235. Ref. 1972

087297 450 N85
Further results regarding effects of malonic acid on Sinapis alba L. (Hun) Suranyi, D *Bot Kozlemenyek* 59 (4): 241-245. Ref. Eng. Sum. 1972

087298 450 N85
Relationship between protein content & magnesium coefficient of seeds of leguminous plants. (Hun) Kiss, A S *Bot Kozlemenyek* 59 (4): 247-250. Eng. Sum. 1972

087299 450 N85
Effect of isolation on catalase activity of Sinapis alba L. Cotzledons. (Hun) Janos, M *Bot Kozlemenyek* 59 (4): 261-266. Ref. 1972

087300 450 B6582
Requirements for organic substances in seaweeds. [Algae]. Fries, L *Bot Mar* 16 (1): 19-31. Ref. Mar 1973

087301 450 B6582
Studies on Cystoseira barbata J. Ag. [Biochemistry]. Guven, K C *Bot Mar* 16 (1): 49-51. Ref. Mar 1973

087302 450 B6527
Current theories on mode of action of auxin. Davies, P J *Bot Rev* 39 (2): 139-171. Ref. Apr/June 1973

087303 450 B6527
Action potentials in higher plants. [Mimosa pudica, Dionaea]. Pickard, B G *Bot Rev* 39 (2): 172-201. Ref. Apr/June 1973

087304 451 B76
Variation in dimensions of basidiospores during discharge period. [Auricularia auricula, panaeolus semiovatus]. Duncan, E G *Brit Mycol Soc Trans* 60 (3): 463-470. June 1973

087305 451 B76
Water relations in sclerotia of some Sclerotinia & Sclerotium species. Trevethick, J *Brit Mycol Soc Trans* 60 (3): 555-558. June 1973

087306 451 B76
Non-nutritional factors influencing sclerotium formation in some Sclerotinia & Sclerotium species. Trevethick, J *Brit Mycol Soc Trans* 60 (3): 559-566. Ref. June 1973

087307 451 B76
Observations on utilization of soluble nitrogen by aquatic fungi in nature. Willoughby, L G *Brit Mycol Soc Trans* 60 (3): 598-601. June 1973

087308 450 B84
In vitro studies on reproductive biology of Riccia crystallina. Chopra, R N *Bryologist* 76 (2): 278-285. Ref. Summer 1973

087309 QH540.S7
Estimation of mycelial growth during decomposition of plant litter. [Mycena galopus]. Swift, M J *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 323-328. Ref. 1973

087310 QH540.S7
Ochromonas: A model system for study of phytoflagellate & algal secretion into environment. [Ochromonas danica]. Aaronson, S *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 367-370. Ref. 1973

087311 80 B54
Theoretical basis for application of growth promoting substances in plant production. (Pol) Buczek, J *Byul Warzywniczy* (Suppl. 13): 11-35. Ref. Eng. Sum. 1972 (Pub. 1973)

087312 80 B54
Instruments using in gasometric methods for photosynthesis measurement. (Pol) Czarnowski, M *Byul Warzywniczy* (Suppl. 13): 129-159. Ref. Eng. Sum. 1972 (Pub. 1973)

087313 80 B54
Mechanism of humus compounds affecting plant organisms. (Pol) Guminski, S *Byul Warzywniczy* (Suppl. 13): 65-76. Ref. Eng. Sum. 1972 (Pub. 1973)

087314 80 B54
Problem of water & light in plant production. (Pol) Strebeyko, P *Byul Warzywniczy* (Suppl. 13): 83-91. Ref. Eng. Sum. 1972 (Pub. 1973)

087315 80 B54
Ecophysiological methods for studies of plant photosynthetic production. (Pol) Czarnowski, M *Byul Warzywniczy* (Suppl. 13): 99-127. Ref. Eng. Sum. 1972 (Pub. 1973)

087316 80 B54
Theoretical basis for application of growth promoting substances in plant production. (Pol) Buczek, J *Byul Warzywniczy* 13 (Suppl.): 11-35. Ref. Eng. Sum. 1972 (Pub. 1973)

087317 80 B54
Instruments used in gasometric methods of photosynthesis measurement. (Pol) Czarnowski, M *Byul Warzywniczy* 13 (Suppl.): 129-159. Ref. Eng. Sum. 1972 (Pub. 1973)

087318 80 B54
Mechanism of humus compounds affecting plant organisms. (Pol) Guminski, S *Byul Warzywniczy* 13 (Suppl.): 65-76. Ref. Eng. Sum. 1972 (Pub. 1973)

087319 80 B54
Problem of water & light in plant production. (Pol) Strebeyko, P *Byul Warzywniczy* 13 (Suppl.): 83-91. Ref. Eng. Sum. 1972 (Pub. 1973)

087320 80 B54
Ecophysiological methods for studies of plant photosynthetic production. (Pol) Czarnowski, M *Byul Warzywniczy* 13 (Suppl.): 99-127. Ref. Eng. Sum. 1972 (Pub. 1973)

087321 68.8 C112
Organic matter & mineral element cycles in a Cameroon cacao plantation. (Fre) Boyer, J *Cafe Cacao The* 17 (1): 3-24. Ref. Eng. Sum. Jan/Mar 1973

087322 292.9 C1282
Potential usefulness of antitranspirants for solution of some water supply, plant growth, & environmental problems. Hagan, R M *Calif Univ Water Resources Center Rep* 25: 81-91. Jan 1973

087323 292.9 C1282
A comparative, quantitative study of apparent photosynthesis & transpiration as functions of water stress. Lunt, O R *Calif Univ Water Resources Center Rep* 25: 95-104. Jan 1973

087324 442.9 C14
Concepts in fungal nutrition & origin of biotrophy. Lewis, D H *Cambridge Phil Soc Biol Rev* 48 (2): 261-278. Ref. May 1973

087325 470 C16E
Rhizopus acid proteinases (Rhizopuspepsins): properties & homology with other acid proteinases. Graham, J E S *Can J Biochem* 51 (6): 789-796. Ref. June 1973

087326 470 C16E
Different chromatographic forms of Neurospora crassa nucleases specific for single-stranded nucleic acids. Mills, C *Can J Biochem* 51 (6): 888-895. June 1973

087327 470 C16E
Two isoaccepting species of tryptophan transfer ribonucleic acid from Chlamydomonas reinhardii. Preddie, D L *Can J Biochem* 51 (6): 951-954. Ref. June 1973

087328 470 C16E
Glyoxylate cycle in germinating Ginkgo biloba seeds. Vanni, P *Can J Biochem* 51 (6): 961-963. Ref. June 1973

087329 470 C16C
A transcellular water flux induced by light in Nitella. Fensom, D S *Can J Bot* 51 (5): 1045-1053. Ref. May 1973

087330 470 C16C
Effect of some growth-regulating compounds upon electroosmotic measurements, transcellular water flow, & Na [sodium], K [potassium], Cl [chlorine] influx in Nitella flexilis. Wanless, I R *Can J Bot* 51 (5): 1055-1070. Ref. May 1973

087331 470 C16C
Phylloplane & phyllosphere. [Leaves, microorganisms]. (Fre) Diem, H G *Can J Bot* 51 (5): 1079-1080. Eng. Sum. May 1973

087332 470 C16C
Environmental control of gametogenesis in Laminaria saccharina. II. Correlation of nitrate & phosphate concentrations with gametogenesis & selected metabolites. Hsiao, S I C *Can J Bot* 51 (5): 829-839. Ref. May 1973

087333 470 C16C
Studies on haustorium of Castilleja (Scrophulariaceae). I. upper haustorium. Dobbins, D R *Can J Bot* 51 (5): 917-922. Ref. May 1973

087334 470 C16C
Studies on haustorium of Castilleja (Scrophulariaceae). II. endophyte. Dobbins, D R *Can J Bot* 51 (5): 923-931. Ref. May 1973

087335 470 C16C
Inhibition by cytochalasin B of sucrose transport in isolated phloem strands of Heracleum. Thompson, R G *Can J Bot* 51 (5): 933-936. Ref. May 1973

087336 470 C16C
Secretion of acid polysaccharides by brown alga Pilayella littoralis. Leppard, G G *Can J Bot* 51 (5): 957-965. Ref. May 1973

087337 470 C16C
Environmental control of gametogenesis in Laminaria saccharina. III. effects of different iodine concentrations, & chloride & iodide ratios. Hsiao, S I C *Can J Bot* 51 (5): 989-997. Ref. May 1973

087338 470 C16C
Reprensentation of leaf orientation data by equal-area projection techniques. Douglas, G W *Can J Bot* 51 (6): 1081-1088. Ref. June 1973

087339 470 C16C
Regulation of cell reproduction in bud meristems of Tradescantia paludosa. Yun, K B *Can J Bot* 51 (6): 1137-1145. Ref. June 1973

087340 470 C16C
Compositional studies on cell walls of synnema & vegetative hyphae of Ceratocystis ulmi. Harris, J L *Can J Bot* 51 (6): 1147-1153. Ref. June 1973

087341 QH607.A1C4
In vitro protein systhesis, ribosomal RNA synthesis, & polyribosomes in senescing leaves of Perilla. Callow, J A *Cell Differ* 1 (2): 79-90. Ref. June 1972

087342 QH607.A1C4
Basic nuclear proteins of cellular slime mold Dictyostelium discoideum. Coukell, M B *Cell Differ* 2 (2): 87-95. Ref. May 1973

087343 450 C333
Resistance of cultures & dried resting spores of three speices of genus Entomophthora to ajatin & viability of their resting spores after long-term storage in refrigerator. Krejzova, R *Ceska Mykol* 27 (2): 107-111. 1973

087344 382 C4223
Biosynthesis of 2-trans,6-transand 2-cis,6-trans-farnesols by soluble enzymes from tissue cultures of Andrographis paniculata. Overton, K H *Chem Commun* 11: 378-379. 1973

087345 382 C4223
Plant antitumour agents: colubrinol acetate & colubrinol, antileukaemic ansa macrolides from Colubrina texensis. Wani, M C *Chem Commun* 12: 390. June 20, 1973

087346 QD241.C5
Chemical investigation of Ceylonese plants. III. Extractives of fruits of Argyreia populifolia Choisy (Convolvulaceae). Gunatilake, A A L *Chem Soc J Perkin Trans I, Org Bio-org Chem* 11: 1155-1157. Ref. 1973

087347 QD241.C5
Rutaceous constitutents. II. Two acridone alkaloids from Atalantia ceylanica (Rutaceae). Fraser, A W *Chem Soc J Perkin Trans I, Org Bio-org Chem* 11: 1173-1175. Ref. 1973

087348 QD241.C5
Chemical constituents of Combretaceae. IV. Phenanthrene derivatives from heartwood of Combretum hereroense. Letcher, R M *Chem Soc J Perkin Trans I, Org Bio-org Chem* 11: 1179-1181. 1973

087349 QD1.C52
Molecular structure & absolute stereochemistry of a 1-phenylethylisoquinoline alkaloid from Colchicum cornigerum: X-ray analysis of a methiodide derivative. Cameron, A F *Chem Soc J Perkin Trans II, Phys Org Chem* 7: 1002-1005. 1973

087350 QH345.C5
Neuromuscular blocking agents: Structure & activity. [Drug plants]. Pauling, P *Chem-biol Interactions* 6 (6): 351-365. Ref. June 1973

087351 381 C427
New pharmacologically interesting natural substances from higher plants. (Ger) Baumgarth, M *Chemist* 97 (5): 217-228. Ref eng. Sum. May 1973

087352 TD172.C54
Accumulation of mercury by, & occurrence of methyl mercury in, some fungi. Stegnar, P *Chemosphere* 12 (2): 57-63. Mar 1973

087353 444.8 C73
Characterization of ubiquinone from vegetative amoebae & mature sorocarps of cellular sline mold, Dictyostelium discoideum. Long, B H *Compar Biochem Physiol* 45 (4B): 933-943. Ref. Aug 15, 1973

087354 64.8 C883
Pollen germination & tube growth after selfing & crossing Coronilla varia L. [Crownvetch]. Baluch, S J *Crop Sci* 13 (3): 303-306. Ref. May/June 1973

087355 64.8 C883
Cyclic flowering patterns in flax as influenced by environment & plant growth regulators. Hovland, A S *Crop Sci* 13 (3): 380-384. Ref. May/June 1973

087356 475 SCI23
Study of glycosides from Trigonella corniculata Linn. & Trigonella foenum-graecum Linn. seeds. Seshadri, T R *Cur Sci* 42 (12): 421-422. June 20, 1973

087357 475 SCI23
Structure & development of hairs in Agrimonia eupatorium L. (Family Rosaceae). Jain, D K *Cur Sci* 42 (12): 434-436. June 20, 1973

087358 475 SCI23
Diosmetin-7-glucuronide from flowers of Dombeya calantha. Subramanian, S S *Cur Sci* 42 (12): 438-439. June 20, 1973

087359 280.8 EC7323
Water needs of certain crops on Lebanese coast. (Fre) Sarraf, S *Econ Rurale Liban* 42: 7-30. July/Sept 1972

087360 107.6 EH33
On kinds of xylanase from Aspergillus niger. Iwamoto, T *Ehime Univ Mem Sect Vi Agr* 17 (1): 13-26. Ref. Sept 1972

087361 107.6 EH33
Purification & some properties of xylanase from , Aspergillus niger. (Jap) Iwamoto, T *Ehime Univ Mem Sect Vi Agr* 17 (2): 185-197. Ref. Eng. Sum. Mar 1973

087362 512 W263B
Elimination of mineral nitrogen compounds from wastes with help of lower plants. [Algae]. (Pol) Wrobel, S *Ekol Pol Ser B* 18 (2): 179-190. Ref. Eng. Sum. 1972

087363 TD172.E52
Growth & toxicity tests on marine nanoplanktonic alga Platymonas Tetrathele G. S. West in presence of crude oil & emulsifiers. Momaerts-Billiet, F *Environ Pollut* 4 (4): 261-282. Ref. June 1973

087364 TD172.E52
Influence of macro-nutrients on relative growth of water plants in Qu'Appelle Lakes. Jones, G *Environ Pollut* 4 (4): 283-296. Map. Ref. June 1973

087365 105.8 G36E
Uptake and decomposition of herbicides by cultivated plants. (Ger) Alkamper, J *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 76-92. Ref. 1972

087366 QP501.E8
Spectrometric investigation of thaumatin I and II, two sweet-tasting proteins from Thaumatococcus daniellii Benth. Korver, O *European J Biochem* 35 (3): 554-558. Ref. June 15, 1973

087367 QP501.E8
Studies on mechanism of oxygen-induced synthesis of cytochrome oxidase in yeast: specific effects of benzimidazole on cytochrome-oxidase anabolism. Schmitt-Verhulst, A M *European J Biochem* 36 (1): 185-194. Ref. July 2, 1973

087368 QP501.E8
Synthesis & stability of ribosomal RNA in blue-green algae. [Tolypothrix distorta, Anabaena cyclindrica, Nostoc muscorum]. Grierson, D *European J Biochem* 36 (1): 280-285. Ref. July 2, 1973

087369 QP501.E8
Mitochondrial translation products before & after integration into mitochondrial membrane in Neurospora crassa. Michel, R *European J Biochem* 36 (1): 53-67. Ref. July 2, 1973

087370 442.8 EX7
DNA-membrane association during mitotic cycle of Physarum polycephalum. Oppenheim, A *Exp Cell Res* 79 (2): 287-294. Ref. June 1973

087371 442.8 EX7
Development of plastid system of ethiolated Euglena gracilis in darkness followed by illuminated stimulation. (Fre) Salvador, G F *Exp Cell Res* 79 (2): 479-484. Ref. Eng. Sum. June 1973

087372 442.8 EX7
Functional homologies of acidic chromatin proteins in higher & lower eukaryotes. [Physarum polycephalum]. LeStourgeon, W M *Exp Cell Res* 79 (2): 487-492. Ref. June 1973

087373 475 EX7
( )-Alpha-selinene, & enantiomeric eudesmane from Chiloscyphus polyanthus (L.) Corda. Andersen, N H *Experientia* 29 (6): 645-647. Ref. June 15, 1973

087374 22 F223
Magnetic treatment of seeds. Shults, S *Farm J (calcutta)* 14 (3): 31-32. Jan 1973

087375 450 F58
Role of different plant stem tissues in transfer of excitation. (Rus) Mamulashvili, G G *Fiziol Rast (mosc)* 20 (3): 442-450. Ref. Eng. Sum. 1973

087376 450 F58
Experimental evidence for paticipation of bioelectric potentials in transfer of substances in higher plants. (Rus) Opritov, V A *Fiziol Rast (mosc)* 20 (3): 451-461. Ref. Eng. Sum. 1973

087377 450 F58
Analysis of physiological characterisctics of microalgal population on basis of life cycle & age distribution of cells. (Rus) Tzoglin, L N *Fiziol Rast (mosc)* 20 (3): 532-538. Ref. Eng. Sum. 1973

087378 450 F58
Activity of photochemical reactions in Aspidistra in blue & red light. (Rus) Gol'd, V M *Fiziol Rast (mosc)* 20 (3): 539-544. Ref. Eng. Sum. 1973

087379 450 F58
Spectral effectiveness of photosynthesis of some alkaloid-bearing plants during adaptation to light of different qualtiy. (Rus) Kuznetsova, G K *Fiziol Rast (mosc)* 20 (3): 554-557. Eng. Sum. 1973

087380 450 F58
Metabolism of lower alcohols in plants. (Rus) Khramova, S I *Fiziol Rast (mosc)* 20 (3): 634-636. Ref. 1973

087381 450 F58
Simultaneous determination of ATP-[adenosine tripshophated] & NADPH2-[nicotinamide adenine dionucleotide phosphate] by fluorescent technique in suspension of isolated chloroplasts. (Rus) Makarov, A D *Fiziol Rast (mosc)* 20 (3): 646-648. Ref. Eng. Sum. 1973

087382 SB403.F5
About phytochrome switchmaster of green plants. Gemmill, E R *Flower & Gard North Ed* 17 (7): 18-19. July 1973

087383 450 F91
Physiology of teliospore germination in Entyloma & Melanotaenium species. Singh, R A *Friesia* 10 (1/2): 35-42. Ref. 1972 (Pub. Jan 1973)

087384 450 F91
Physiology of chlamydospore germination in Protomycopsis species. Haware, M P *Friesia* 10 (1/2): 43-51. Ref. 1972 (Pub. Jan 1973)

087385 QD415.F4
Enzyme degradation in higher plants: phosphoglucomutase. [Potatoes]. Kahl, G *FEbs Lett (fed Eur Biochem Soc)* 32 (2): 325-329. June 1973

087386 385 G25
Neoechinuline: a new isoprenyl-indole metabolite from Aspergillus amstelodami. Casnati, G *Gaz Chim Ital* 103 (1/2): 141-151. Ref. 1973

087387 385 G25
NMR [nuclear magnetic resonance] spectra, absolute configuration & conformational analysis of indole alkaloids roxburghine B, C & E. [Uncaria]. Cistaro, C *Gaz Chim Ital* 103 (1/2): 153-169. Ref. 1973

087388 385 G25
Constituents of Inula graveolens. II. (1) structure of graveolide, a new sesquiterpene lactone. Stagno d'Alcontres, G *Gaz Chim Ital* 103 (1/2): 239-246. Ref. 1973

087389 105.1 G344
Comparative studies on a fungal & bacterial penicillin V-acylase. [Erwinia aroidaeae, Fusarium moniliforme]. (Fre) Vandamme, E J *Ghent Rijksfac Landbouwetensch Meded* 37 (4): 1185-1200. Ref. Eng. Sum. 1972

087390 105.1 G344
Intensive production of fresh water algae. [Chlorophyta, Cyanophyta]. (Dut) Maeseneer, J de *Ghent Rijksfac Landbouwetensch Meded* 37 (4): 1201-1209. 1972

087391 QH91.A1H4
Striaria attenuata (Phaeophyta, Dictyosiphonales), newly found at Helgoland: development & structure. (Ger) Kornmann, P *Helgol Wiss Meeresunters* 25 (1): 14-25. Eng. Sum. May 1973

087392 SB1.H6
Determining radiant energy in different wavelengths present in white light. [Plant growth]. Klein, R M *Hortscience* 8 (3): 210-211. June 1973

087393 410 H992
Kinetics of ammonium uptake by Ceratophyllum. Toetz, D W *Hydrobiologia* 41 (3): 275-290. Ref. May 15, 1973

087394 410 H992
Uptake of radionuclides by some aquatic macrophytes of Ismailia Canal, Egypt. [Ceratophyllum, Elodea, Potamogeton]. Abdelmalik, W E Y *Hydrobiologia* 42 (1): 3-12. July 6, 1973

087395 SB453.F37 1973
Plant hardiness. De Vos, F *In Faust, Joan Lee. The New York Times Garden Book* P. 64-67. 1973

087396 S631.I52 1972
Concluding report: implications & conclusions of recent findings on K. [potassium] nutrition of plants. Mengel, K *In International Potash Institute. Proceedings of the 9Th Colloquium* P. 201-203. 1972

087397 QK575.R9K84
On chemical composition of Lemna grown in various nutrient media. (Rus) Rakhimov, A *In Kul'tivirovanie Vodoroslei i Vysshikh Vodnykh Rastenii V Uzbekistane* P. 112-115. 1972

087398 QK575.R9K84
Effect of pulsed concentrated sunlight on yeild capacity & certain biochemical properties of Scenedesmus obliquus (Turp.) in culture. (Rus) Berdykulov, Kh A *In Kul'tivirovanie Vodoroslei i Vysshikh Vodnykh Rastenii V Uzbekistane* P. 71-76. 1972

087399 QK575.R9K84
Photosynthesis of Chlorella cultured in open. (Rus) Berdykulov, Kh A *In Kul'tivirovanie Vodoroslei i Vysshikh Vodnykh Rastenii V Uzbekistane* P. 76-86. Ref. 1972

087400 QH431.P7
Culture of tissues & cells & developmental biology of plants. (Rus) Butenko, R G *In Problemy Genetiki Razvitiia* P. 21-40. Ref. 1972

087401 513 IN25B
Soil moisture content & root exudates in relation to rhizosphere effect in leguminous weeds. [Cassia tora, Crotalaria medicaginea]. Sullia, S B *Indian Acad Sci Proc Sect B* 77 (6): 264-275. Ref. June 1973

087402 22 IN294
Studies on effect of sodium diethyldithiocarbamate on germination of certain arid-zone plants. [Rhynchosia]. Mullick, P *Indian Agr* 16 (2): 143-147. 1972

087403 22 IN294
Studies on influence of soil moisture & nitrogen levels on development of roots in jute palnts. Gupta, S R *Indian Agr* 16 (2): 177-181. 1972

087404 68.29 IN23M
Effect of rain on coffee blossom. Awatramani, N A *Indian Coffee* 37 (4): 101, 105. Apr 1973

087405 396.8 IN23
Preliminary pharmacological studes on Erigeron canadensis Linn. Maurya, D P S *Indian J Pharm* 35 (2): 62-63. Mar/Apr 1973

087406 396.8 IN23
Presence of free & bound amino-acids in plant tissue cultures. Khanna, P *Indian J Pharm* 35 (2): 63-65. Ref. Mar/Apr 1973

087407 464.8 IN2
Influence of phosphorus & sulphur on growth & sporultaion of Gusarium moniloforme. Jaurihar, S S *Indian Phytopathol* 25 (4): 540-546. Ref. Dec 1972

087408 464.8 IN3
Plant ecolysones: discovery & sources; new acquisitions. (Ita) Ferrari, G *Inform Fitopatol* 23(1/2): 15-24. Jan/Feb 1973

087409 340.8 IN8
Biological rhythms in plants under various light & temperature conditions. Driessche, T V *Int J Biometeorol* 5 (2): 127-151. Ref. 1972

087410 340.8 IN8
Effects of weather climate on distribution of plants & trees, locally & regionally. Legris, P *Int J Biometeorol* 5 (2): 89-95. Ref. 1972

087411 381 J8223
Metabolism of 2,4-dichlorophenoxyacetic acid. IV. Mass spectra & chromatographic properties of amino acid conjugates. Feung, C S *J Agr Food Chem* 21 (4): 632-637. Ref. July/Aug 1973

087412 448.3 J82
Measurement of cyanophycin granule polypeptide contained in blue-green alga Anabaena cylindrica. Simon, R D *J Bacteriol* 114 (3): 1213-1216. Ref. June 1973

087413 448.3 J82
Conjugation in dimorphic chromomycosis fungus Phialophora dermatitidis. Oujezdsky, K B *J Bacteriol* 114 (3): 1356-1358. June 1973

087414 448.3 J82
Ammonium regulation in Aspergillus nidulans. Pateman, J A *J Bacteriol* 114 (3): 943-950. Ref. June 1973

087415 448.3 J82
Effect of cycloheximide on L-leucine transport by Penicillium chrysogenum: involvement of calcium. Hunter, D R *J Bacteriol* 114 (3): 956-960. Ref. June 1973

087416 381 J824
Multiple nuclear ribonucleic acid polymerases during develop ment of Dictyostelium discoideum [Myxomycetes]. Pong, S S *J Biol Chem* 248 (11): 3933-3939. Ref. June 10, 1973

087417 381 J824
Oxidation of catechol in plants. IV. Purification & properties of 3,4,3',4'-tetrahydroxydiphenyl-forming enzyme system from Tecoma leaves. Kandaswami, C *J Biol Chem* 248 (11): 4035-4039. Ref. June 10, 1973

087418 381 J824
Novel phosphoglucans from cytoplasm of Phytophthora palmivora & their selective occurrence in certain life cycle stages. Wang, M C *J Biol Chem* 248 (11): 4112-4118. Ref. June 10, 1973

087419 475 J824
Quantitative autoanalysis of phenolic acids in plants by liquid chromatography on a polyclar column & ultraviolet spectrophotometry. (Fre) Alibert, G *J Chromatography* 80 (2): 173-185. Ref. Eng. Sum. June 13, 1973

087420 475 J824
Simultaneous detection of metabolites from several toxigenic fungi. [Alternaria, Aspergillus, Penicillium, food]. Pero, R W *J Chromatography* 80 (2): 255-258. June 13, 1973

087421 448.3 J824
Conidiation of Aspergillus nidulans in submerged liquid culture. Saxena, R K *J Gen Appl Microbiol* 19 (2): 141-146. Ref. 1973

087422 448.3 J823
Growth of Aspergillus nidulans in a thin liquid layer. Cohen, B L *J Gen Microbiol* 76 (2): 277-282. June 1973

087423 448.3 J823
Release of protoplasts from Schizophyllum commune by combined action of purified alpha-1,3-glucanase & chitinase derived from Trichoderma viride. De Vries, O M H *J Gen Microbiol* 76 (2): 319-330. Ref. June 1973

087424 450 J8223
Life history of Pterosiphonia pennata (Roth) Falkenberg (Rhodophyceae, Ceramiales) in culture. (Jap) Masuda, M *J Jap Bot* 48 (4): 26-30. Ref. Eng. Sum. Apr 1973

087425 381 J827
Structural elucidation of novel tumor-inhibitory sesquiterpene lactones from Eupatorium cuneifolium. Kupchan, S M *J Org Chem* 38 (12): 2189-2196. Ref. June 15, 1973

087426 381 J827
Zonarol & isozonarol, fungitoxic hydroquinones from brown seaweed Dictyopteris zonaroiodes. Fenical, W *J Org Chem* 38 (13): 2383-2386. Ref. June 29, 1973

087427 381 J827
Structure of Daphmacropodine, a new alkaloid from Daphniphllum macropodum miquel, & its chemical conversion into daphmacrine. Nakano, T *J Org Chem* 38 (13): 2404-2405. June 29, 1973

087428 381 J827
Provincialin, a cytotoxic germacradienolide from Liatris provincialis Godfrey with an unusual ester side chain. Herz, W *J Org Chem* 38 (14): 2485-2489. Ref. July 13, 1973

087429 RS11.J6
Alkaloids from seeds of Strychnos wallichiana Steud. Ex DC. (Strychnos cinnamomifolia Thwaites var. wightii A. W. Hill. Bisset, N G *J Pharm & Pharmacol* 25 (7): 563-569. Ref. Jul 1973

087430 QD605.J65
Assay of 89Sr [strontium] in plant & soil samples by liquid scintillation counting. Hardcastle, J E *J Radioanal Chem* 13 (1): 141-147. Jan 1973

087431 68.18 OK3
Varietal difference in frost hardiness of tea plant & local adaptability of Assam hybrid clones. (Jap) Toyao, T *Jap Tea Res Sta Stud Tea* 45: 11-17. Eng. Sum. Mar 1973

087432 107.6 K113
Effect of temperature on flower bud differentiation & development of Lycoris radiata Herb. (Jap) Hasegawa, A *Kagawa Univ Fac Agr Tech Bull* 24 (2): 157-162. Eng. Sum. Mar 1973

087433 389.9 K99R
An X-ray crystallographic study of alpha-amylase from Aspergillus oryzae. Morita, Y *Kyoto Univ Res Inst Food Sci Bull* 36: 6-8. Mar 1973

087434 105.2 OR3
Uptake of cadmium by plants. [Tomatoes, foliar diagnosis]. (Dut) Steiner, A A *Landbouwkundig Tijdschr* 85 (4): 124-128. Ref. Eng. Sum. Apr 1973

087435 GC1.L5
Thorium in water & algae from Adriatic Sea. Strohal, P *Limnol Oceanogr* 18 (2): 250-253. Ref. Mar 1973

087436 442.8 L77
A new flavone from Artemisia herba-alba. Segal, R *Lloydia* 36 (1): 103-105. Ref. Mar 1973

087437 442.8 L77
Occurrence of apigenin-5-methyl ether in seed-shells of Thevetia peruviana. Rao, E V *Lloydia* 36 (1): 105. Mar 1973

087438 442.8 L77
Metabolic products of Clitocybe illuden. X. ( )-Torreyol. Nair, M S R *Lloydia* 36 (1): 106. Mar 1973

087439 442.8 L77
Biosynthesis of peyote alkaloids. [Lophophora williamsii]. Paul, A G *Lloydia* 36 (1): 36-45. Ref. Mar 1973

087440 442.8 L77
Mescaline: chemistry & pharmacology of its analogs. [Lophophora williamsii]. Shulgin, A T *Lloydia* 36 (1): 46-58. Ref. Mar 1973

087441 442.8 L77
Biosynthesis of hispidin in cultures of Polyporus schweinitzii. Hatfield, G M *Lloydia* 36 (1): 59-65. Ref. Mar 1973

087442 442.8 L77
Structure of funiferine, a biphenyl alkaloid from Tiliacora funifera. Tackie, A N *Lloydia* 36 (1): 66-71. Ref. Mar 1973

087443 442.8 L77
Preliminary chemical studies of aquatic plants from Minnesota. Su, K L *Lloydia* 36 (1): 72-79. Ref. Mar 1973

087444 442.8 L77
Antimicrobial effects of aquatic plants from Minnesota. Su, K L *Lloydia* 36 (1): 80-87. Ref. Mar 1973

087445 442.8 L77
Chemistry of peyote alkaloids. [Lophophora williamsii]. Kapadia, G J *Lloydia* 36 (1): 9-35. Ref. Mar 1973

087446 442.8 L77
Increased yields of alkaloids through precursor biotransformations in cell suspension cultures of Ruta graveolens. Steck, W *Lloydia* 36 (1): 93-95. Mar 1973

087447 442.8 L77
Diosgenin, gitogenin & igogenin from Trigonella foenum-graecum tissue cultures. Khanna, P *Lloydia* 36 (1): 96-98. Ref. Mar 1973

087448 442.8 L77
Toxicity, anti-neoplastic, & coagulation effects of aquatic plants from Minnesota. Su, K L *Lloydia* 36 (1): 99-102. Mar 1973

087449 448.3 M582AE
Production & some properties of riboflavin-dependent mutants of yeast Pichia guilliermondii Wickerham. Logvinenko, E M *Microbiology* 23 (3): 978-979. Nov/-Dec 1972 (Transl 1973)

087450 448.3 M582AE
Phenylalanine hydroxylase activity in cell extracts of blud-green alga Anabaena variabilis. Gusev, M V *Microbiology* 41 (6): 854-857. Ref. Nov/Dec 1972 (Transl 1973)

087451 448.3 M582AE
Purine deoxyribooligonucleotides of DNA from fungi & yeast. Guseinov, V A *Microbiology* 41 (6): 868-871. Nov/Dec 1972 (Transl 1973)

087452 448.3 M582AE
A Flexibacter [flexilis] that lyses blue-green algae. Gromov, B V *Microbiology* 41 (6): 952-956. Ref. Nov/Dec 1972 (Transl 1973)

087453 384 M58
Microchemical investigation of medicinal plants. X. Analysis of Chinese herbal drug Yunnan Bai Yao. Polesuk, J *Mikrochim Acta* 4: 507-517. 1973

087454 S19.M6
Nutrient levels & rhizobial efficiency. [Soil fertility]. Iswaran, V *Mod Agric* 3 (2): 15-16. Mar/Apr 1972

087455 S19.M6
Role of trace elements in nutrition of plants. Ramasubramanian, P R *Mod Agric* 3 (3): 23-28. May/June 1972

087456 451 N622
Effects of external osmotic pressure on respiration of yeast. [Saccharomyces ellipsoideus]. Morishita, H *Mycol Soc Jap Trans* 14 (1): 53-65. Ref. Apr 10, 1973

087457 389.8 N142
Studies on glyceride sturcture of fats. VI. Studies on specificity of lipase of Geotrichum candidum for fatty acids. (Ger) Franzke, C *Nahrung* 17 (2): 171-184. Ref. Eng. Sum. 1973

087458 474 N213
New biology of pollen. Vasil, I K *Naturwissenschaften* 60 (5): 247-253. Ref. May 1973

087459 474 N213
Mitochondrial element particle in heat-producing spadix appendix of Araceae Sauromatum guttatum. (Ger) Berger, C *Naturwissenschaften* 60 (5): 260. May 1973

087460 474 N213
Vacuole formation in self differentiating cells. [Psilotum triquetrum]. (Ger) Barckhaus, R *Naturwissenschaften* 60 (6): 302-303. June 1973

087461 464.8 T44
Abundant production of chlamydospores by Fusarium oxysporum f. sp. melonis in soil extract with glucose. Goyal, J P *Neth J Plant Pathol* 79 (4): 162-164. 1973

087462 410 OI4
Nitrogen fixation in a subarctic mire. Granhall, U *Oikos* 24 (1): 8-15. Map. Ref. 1973

087463 77.8 OL2
Isolation & in vitro cultivation of cells of Elaeis guineensis. [African oilpalm]. Smith, W K *Oleagineux* 28 (3): 123-127. Ref. Mar 1973

087464 107.6 SA23
Sensitivity of moss sporelings to ultraviolet light. [Bryum pseudo-triquetrum]. Kinugawa, K *Osaka Univ Bull Ser B Agr Biol* 24: 31-38. Mar 1972

087465 450 OS7
Influence of naturally occurring cytokinins from Monotropa hypopitys L. on mycelial growth of mycorrhizal fungi. (Ger) Gogala, N *Osterr Bot Z* 121 (5): 255-267. Ref. Eng. Sum. 1973

087466 SB951.P47
Bacteria & protozoa in rhizosphere. Darbyshire, J F *Pestic Sci* 4 (3): 349-360. Ref. June 1973

087467 SB951.P47
Zones of exudation along plant roots & spatial distribution of micro-organisms in rhizosphere. [Wheat]. Rovira, A D *Pestic Sci* 4 (3): 361-366. June 1973

087468 SB951.P47
Effects of micro-organisms on absorption of inorganic nutrients by plants. Barber, D A *Pestic Sci* 4 (3): 367-373. Ref. June 1973

087469 SB951.P47
Metabolism of choline in rhizosphere & its possible influence on plant growth. Jones, R G W *Pestic Sci* 4 (3): 375-383. Ref. June 1973

087470 SB951.P47
Phosphate flow into mycorrhizal roots. Sanders, F E *Pestic Sci* 4 (3): 385-395. Ref. June 1973

087471 382 P56
Fate of pyrimidine dimers in ultraviolet-irradiated Chlamydomonas. [Reinhardii]. Swinton, D C *Photochem Photobiol* 17 (6): 361-375. Ref. June 1973

087472 382 P56
Low temperature absorption spectrum studies: light-induced pigment changes in Porphyridium cultures. Hoarau, J *Photochem Photobiol* 17 (6): 403-412. June 1973

087473 382 P56
Energy transfer from carotenoids to chlorophyll a in black lipid membranes. Strauss, G *Photochem Photobiol* 17 (6): 425-431. Ref. June 1973

087474 382 P56
Absence of oxygen-evolving capacity in dark-grown Chlorella: photoactivation of oxygen-evolving centers. Cheniae, G M *Photochem Photobiol* 17 (6): 441-459. Ref. June 1973

087475 382 P56
Photoreversible nature of a pigment system in green alga Protosiphon botryoides Klebs. Thomas, J P *Photochem Photobiol* 17 (6): 469-472. June 1973

087476 450 P5622
Quinones & respiratory activity in Spoendonema epizoum. Burgos, J *Phytochemistry* 12 (6): 1201-1206. Ref. June 1973

087477 450 P5622
Relationship of endogenous substrate to specificity of S-alkyl cysteine lyases of different species. [Acacia georginae, Albizzia julibrissin]. Mazelis, M *Phytochemistry* 12 (6): 1287-1289. June 1973

087478 450 P5622
7-Demethylsuberosin & osthenol as intermediates in furanocoumarin biosynthesis. [Umbelliferae, rutaceae, leguminosae]. Brown, S A *Phytochemistry* 12 (6): 1315-1324. Ref. June 1973

087479 450 P5622
Variation in leaf oil of Eucalyptus punctata. Southwell, I A *Phytochemistry* 12 (6): 1341-1343. June 1973

087480 450 P5622
Naphthaquinones in Lomatia species. Moir, M *Phytochemistry* 12 (6): 1351-1353. June 1973

087481 450 P5622
Alkaloids of Argemone albiflora, Argemone brevicornuta & Argemone turnerae. Stermitz, F R *Phytochemistry* 12 (6): 1355-1357. June 1973

087482 450 P5622
N-methylflindersine from Spathelia sorbifolia. Adams, C D *Phytochemistry* 12 (6): 1359-1360. Ref. June 1973

087483 450 P5622
Lipid metabolism in fern Polypodium vulgare. Robinson, P M *Phytochemistry* 12 (6): 1377-1381. June 1973

087484 450 P5622
Constituents of marsh grass: survey of essential oils in Juncus roemerianus. Miles, D H *Phytochemistry* 12 (6): 1399-1404. Eng. Sum. June 1973

087485 450 P5622
Isolation & structure of deoxopinguisone from liverwort Ptilidium ciliare. Krutov, S M *Phytochemistry* 12 (6): 1405-1407. June 1973

087486 450 P5622
Sesquiterpene lactones of Ambrosia cordifolia. [Dicoria brandegei, dicoria canescens]. Herz, W *Phytochemistry* 12 (6): 1415-1420. Ref. June 1973

087487 450 P5622
Punctatin: an new germacradienolide from Liatris punctata. Herz, W *Phytochemistry* 12 (6): 1421-1426. Ref. June 1973

087488 450 P5622
Cucurbitacins & aromatic compounds from Crinodendron hookerianum. Bittner, M *Phytochemistry* 12 (6): 1427-1431. Ref. June 1973

087489 450 P5622
Sterols of lichen Pseudevernia furfuracea. Wojciechowski, Z A *Phytochemistry* 12 (6): 1433-1436. Ref. June 1973

087490 450 P5622
Origin & characteristics of flavonol aglycones secreted by buds of Aesculus hippocastanum. (Fre) Charriere, Y *Phytochemistry* 12 (6): 1433-1450. Ref. June 1973

087491 450 P5622
Molluscicidal saponins of Phytolacca dodecanra: oleanoglycotoxin-A. Parkhurst, R M *Phytochemistry* 12 (6): 1437-1422. Ref. June 1973

087492 450 P5622
5-0-Xylosyglucosides of apigenin & luteolin 7& 7,4'-methyl ethers from Ovidia pillo-pillo. Nunez-Alarcon, J *Phytochemistry* 12 (6): 1451-1454. June 1973

087493 450 P5622
Anthracene derivative in callus cultures from Cassia angustifolia. (Ger) Friedrich, H *Phytochemistry* 12 (6): 1459-1462. Ref. Eng. Sum. June 1973

087494 450 P5622
Alkaloids of root bark of Crioceras dipladeniiflorus. (Fre) Bruneton, J *Phytochemistry* 12 (6): 1474-1480. Ref. June 1973

087495 450 P5622
Indole & oxindole alkaloids from Uncaria bernaysia. Phillipson, J D *Phytochemistry* 12 (6): 1481-1487. Ref. June 1973

087496 450 P5622
Isolation of flavaspidic acid-PB from Dryopteris sieboldii. Hisada, S *Phytochemistry* 12 (6): 1490-1494. June 1973

087497 450 P5622
Triterpenoids from Poria carbonica. Geigert, J *Phytochemistry* 12 (6): 1491. June 1973

087498 450 P5622
Dryocrassin: an new acyphloroglucinol from dryopteris crassirhizoma. Noro, Y *Phytochemistry* 12 (6): 1491-1492. June 1973

087499 450 P5622
Flavones & flavone glucosides from leaves of Trachelospermum asiaticum. Inagaki, I *Phytochemistry* 12 (6): 1498. June 1973

087500 450 P5622
Isolation of grayanotoxins from leaves of Agauria polyphylla. (Fre) Loriaux, I *Phytochemistry* 12 (6): 1500. June 1973

087501 450 P5622
Biflavones from Putranijiva roxburghii. Varshney, A K *Phytochemistry* 12 (6): 1501. June 1973

087502 450 P5622
Quercetin 3,7,3',4'-tetramethyl ether from Germanium macrorhizum. Nakashima, R *Phytochemistry* 12 (6): 1502. June 1973

087503 450 P5622
Co-occurrence of aporphine & biphenyl constituents in Litsea turfosa. Holloway, D M *Phytochemistry* 12 (6): 1503-1505. June 1973

087504 450 P5622
Pallidine & corydine from Thalictrum dioicum. Shamma, M *Phytochemistry* 12 (6): 1505-1506. June 1973

087505 450 P5622
Hirsuteine & mitrajavine from Mitragyna hirsuta. Phillipson, J D *Phytochemistry* 12 (6): 1507. June 1973

087506 450 P5622
Triterpene acids & bergenin in Peltoboykinia watanabei & Boykinia lycoctonifolia. Izawa, K *Phytochemistry* 12 (6): 1508. June 1973

087507 450 P5622
3Beta-hydroxy-delta5,16-pregnadien-20-one from Veratrum grandiflorum. Kaneko, K *Phytochemistry* 12 (6): 1509-1510. June 1973

087508 450 P5622
Decomposition of 2-chloroethylphosphonic acid in stems & leaves of Hevea brasiliensis. Archer, B L *Phytochemistry* 12 (7): 1535-1538. Ref. July 1973

087509 450 P5622
16 Beta-hydroxycholestanol in preliminary biogenetic stage of steriod sapogenins. (Ger) Tschesche, R *Phytochemistry* 12 (7): 1619-1620. Eng. Sum. July 1973

087510 450 P5622
Biotransformation of progesterone by suspension cultures of Digitalis purpurea cultured cells. Furuya, T *Phytochemistry* 12 (7): 1621-1626. Ref. July 1973

087511 450 P5622
Biosynthesis of carotenoids by Phycomyces blakesleeanus mutants in presence of nitrogenous heterocyclic compounds. Elahi, M *Phytochemistry* 12 (7): 1627-1632. Ref. July 1973

087512 450 P5622
Effect of CPTA & cycocel [chlorocholine chloride] on biosynthesis of carotenoids by Phycomyces blakesleeanus mutants. Elahi, M *Phytochemistry* 12 (7): 1633-1639. Ref. July 1973

087513 450 P5622
Furanocoumarin biosynthesis in Ruta graveolens cell cultures. Austin, D J *Phytochemistry* 12 (7): 1657-1667. Ref. July 1973

087514 450 P5622
Biosynthesis of morindone & alizarin in intact plants & cell suspension cultures of Morinda citrifolia. Leistner, E *Phytochemistry* 12 (7): 1669-1674. Ref. July 1973

087515 450 P5622
Urease & urea amidolyase: determination of activity in liverworts. [Hepaticae]. Jones, R A *Phytochemistry* 12 (7): 1675-1676. July 1973

087516 450 P5622
Flavonoid type, systematics & evolution in Valerianella. (Ger) Greger, H *Phytochemistry* 12 (7): 1693-1699. Ref. Eng. Sum. July 1973

087517 450 P5622
A new beta-d-quinovoside from commercial Ipomoea purga. Singh, S *Phytochemistry* 12 (7): 1701-1705. Ref. July 1973

087518 450 P5622
Epoxyoctadecanoic acids in plant cutins & suberins. Holloway, P J *Phytochemistry* 12 (7): 1721-1735. Ref. July 1973

087519 450 P5622
Maculatin: an isomer of uvedalin epoxide from Polymnia maculata. Herz, W *Phytochemistry* 12 (7): 1737-1740. Ref. July 1973

087520 450 P5622
Allogibberic acid: an inhibitor of flowering in Lemna perpusilla. Pryce, R J *Phytochemistry* 12 (7): 1745-1754. Ref. July 1973

087521 450 P5622
Triterpenoids of Lycopodium megastachyum. Miller, N *Phytochemistry* 12 (7): 1759-1761. July 1973

087522 450 P5622
Lanostane triterpenes of Canscora decussata. Ghosal, S *Phytochemistry* 12 (7): 1763-1766. Ref. July 1973

087523 450 P5622
Bromine phenols of a red algae, Halopytis incurvus: carboxylic acids. (Fre) Chantraine, J M *Phytochemistry* 12 (7): 1793-1796. Ref. Eng. Sum. July 1973

087524 450 P5622
A new dialkylresorcinol from Stemphylium majusculum. Stodola, F H *Phytochemistry* 12 (7): 1797-1798. Ref. July 1973

087525 450 P5622
New lignans from leaves of Macropiper excelsum. Russell, G B *Phytochemistry* 12 (7): 1799-1803. Ref. July 1973

087526 450 P5622
Guianin: a neolignan from Aniba guianensis. Bulow, M V Von *Phytochemistry* 12 (7): 1805-1808. July 1973

087527 450 P5622
Steroidal alkaloids of Malouetia brachyloba & Malouetia heudelotii. (Fre) Khuong-Huu, F *Phytochemistry* 12 (7): 1813-1816. July 1973

087528 450 P5622
L-3,4-dihydroxy-phenylalanin from Strobilomyces floccopus. (Ger) Steglich, W *Phytochemistry* 12 (7): 1817. July 1973

087529 450 P5622
Sesquiterpene hydrocarbons of Bazzania trilobata. Andersen, N H *Phytochemistry* 12 (7): 1818-1819. July 1973

087530 450 P5622
Phytosterols in plants. Misra, D R *Phytochemistry* 12 (7): 1818-1820. Ref. July 1973

087531 450 P5622
Minor alkaloids of Rauwolfia caffra. Habib, M S *Phytochemistry* 12 (7): 1821. July 1973

087532 450 P5622
Tertiary dihydroprotoberberine alkaloids of Berberis lycium. Miana, G A *Phytochemistry* 12 (7): 1822-1823. Ref. July 1973

087533 450 P5622
Hydrocarbons & triterpenes of leaves of Euonymus latifolius. Ulubelen, A *Phytochemistry* 12 (7): 1824. July 1973

087534 450 P5622
Flovonoids from Eupatorium subhastatum. Ferraro, G E *Phytochemistry* 12 (7): 1825. Ref. July 1973

087535 450 P5622
Chemical constituents of Glochidion venulatum, Maesa indica & Rhamnus triquetra. Ahmad, S A *Phytochemistry* 12 (7): 1826. July 1973

087536 450 P5622
Parthenolide & a new germacranolide, 11,13-dehydrolanuginolide, from Michelia lanuginosa. Talapatra, S K *Phytochemistry* 12 (7): 1827-1828. July 1973

087537 450 P5622
Flavonoids from Comptonia peregrina. Lau-Cam, C A *Phytochemistry* 12 (7): 1829. July 1973

087538 450 P5622
Triterpenoids of Gardenia turgida. Reddy, G C S *Phytochemistry* 12 (7): 1831. July 1973

087539 450 P5622
Murrayanine & dentatin from Clausena heptaphylla. Bhattacharyya, P *Phytochemistry* 12 (7): 1831-1832. July 1973

087540 450 P5622
Diterpenoids from Caryopteris divaricata. Hosozawa, S *Phytochemistry* 12 (7): 1833-1834. July 1973

087541 450 P692
Deoxyribonucleic acid & ribonucleic acid synthesis during cell expansion phase of cotyledon development in Vicia faba L. [Broadbeans]. Millerd, A *Plant Physiol* 51 (6): 1005-1010. Ref. June 1973

087542 450 P692
Estimation of nitrogenase using a colorimetric determination for ethylene. [Peas, root nodules]. LaRue, T A *Plant Physiol* 51 (6): 1074-1075. June 1973

087543 450 P692
Separation & ultrastructure of proplastids from dark-grown euglena cells. Ophir, I *Plant Physiol* 51 (6): 1109-1116. Ref. June 1973

087544 450 P692
Malate dehydrogenase isoenzymes in division synchronized cultures of Euglena. Davis, B *Plant Physiol* 51 (6): 1127-1132. Ref. June 1973

087545 450 P692
Chloroplast response to low leaf water potentials. I. Role of turgor. Boyer, J S *Plant Physiol* 51 (6): 989-992. Ref. June 1973

087546 450 P692
Chloroplast response to low leaf water potentials. II. Role of osmotic potential. Potter, J R *Plant Physiol* 51 (6): 993-997. Ref. June 1973

087547 450 P692
Promotion of seed germination by cyanide. [Amaranthus albus, Lepidium]. Taylorson, R B *Plant Physiol* 52 (1): 23-27. Ref. July 1973

087548 450 P692
Enzymes of phospholipid metabolism in endoplasmic reticulum of castorbean endosperm. Moore, T S *Plant Physiol* 52 (1): 50-53. Ref. July 1973

087549 450 P692
Optical parameters of leaves of 30 plant species. Gausman, H W *Plant Physiol* 52 (1): 57-62. Ref. July 1973

087550 450 P692
An excellent source of vegetative buds for use in plant hormone studies on apical dominance. [Euphorbia esula]. Budd, T W *Plant Physiol* 52 (1): 82-83. July 1973

087551 QK1.P5
Effects of cycloheximide on respiration protein synthesis & adenosine nucleotide levels in Rhodotorula gracilis. Cocucci, M C *Plant Sci Lett* 1 (7): 293-301 ref. Jul 1973

087552 450 P696
Uptake of solutes by multiple root systems from soil. III. A model for calculating solute uptake by a randomly dispersed root system developing in a finite volume of soil. Baldwin, J P *Plant Soil* 38 (3): 621-635. June 1973

087553 450 P697
Identification of carotenoids from Arnica montana. (Fre) Vanhaelen, M *Planta Med* 23 (4): 308-311. Eng. Sum. June 1973

087554 450 P697
Volatile oil from herb & fruits of Carum copticum at different stages of growth. Balbaa, S I *Planta Med* 23 (4): 312-320. Ref. June 1973

087555 450 P697
Desmodium alkaloids. IV. Chemical & pharmacological evaluation of Desmodium triflorum. Ghosal, S *Planta Med* 23 (4): 321-329. Ref. June 1973

087556 450 P697
Increasing production of lysergic acid by means of submerged cultures of Claviceps paspali. (Ger) Eich, E *Planta Med* 23 (4): 330-341. Ref. Eng. Sum. June 1973

087557 450 P697
Studies in Scrophulariaceae. VIII. Phytochemical investigation of Euphrasia officinalis. Harkiss, K J *Planta Med* 23 (4): 342-347. Ref. June 1973

087558 450 P697
Triterpenes from bark of Pouteria caimito. Ardon, A *Planta Med* 23 (4): 348-352. June 1973

087559 450 P697
Chemical & spectral studies of novel keto-alcohols from leaves of Cassia auriculata. Varshney, S C *Planta Med* 23 (4): 363-369. June 1973

087560 450 P697
Steroidal constituents of Solanum arundo. Saleh, M *Planta Med* 23 (4): 377-378. June 1973

087561 450 P697
Thinlayer chromatography of sugar components of saponins from Primula veris & Primula elatior. (Ger) Kartnig, T *Planta Med* 23 (4): 379-380. Eng. Sum. June 1973

087562 450 P693
Low temperature spectral study on Euglena gracilis Z during synchronous culture on lactate medium: variation of cytochrome 556 content. (Fre) Calvayrac, R M *Planta* 112 (1): 17-24. Ref. Eng. Sum. 1973

087563 450 P693
Flower initiation by cycloheximide in long-day plant Hyoscyamus niger during short-days. (Ger) Klautke, S *Planta* 112 (1): 25-34. Ref. Eng. Sum. 1973

087564 450 P693
Effects of abscisic acid on levels of endogenous gibber ellin-like substances in Solanum andigena. Railton, I D *Planta* 112 (1): 65-69. Ref. 1973

087565 57.8 P34
Work of V. M. Klechkovskii & problem of migration of artificial radioactive nuclides in soils & plants. (Rus) Aleksakhin, R M *Pochvovedenie* 5: 34-37. Ref. May 1973

087566 57.8 P34
Principles of radioactive strontium soil & aerial uptake into crops. (Rus) Lechkovskii, V M *Pochvovedenie* 5: 38-47. Ref. Eng. Sum. May 1973

087567 57.8 P34
On use of Klechkovskii's index for evaluating amount of plant uptake of strontium 90. (Rus) Poliakov, IU A *Pochvovedenie* 5: 48-50. May 1973

087568 57.8 P34
Behaviour of radioactive & stable isotopes of alkaline & alkali earth elemetns in soils & thei accumulation in arboreal vegetation. (Rus) Aleksakhin, R M *Pochvovedenie* 5: 51-58. Ref. Eng. Sum. May 1973

087569 QD431.T3
Chemical heterogeneity of cell wall polysaccharides in plants. (Jap) Izumi, K *Protein Nucl Acid Enzyme (tokyo)* 18 (5): 25-36. Ref. May 1973

087570 442.8 P94
Acid phosphomonesterase activities (beta-glycerophosphatase & naphtol AS-MX phosphatase) in conducting tissues of bryophytes. Hebant, C *Protoplasma* 77 (2/3): 231-241. Ref. 1973

087571 442.8 P94
Bromodeoxyuridine: catabolism & incorporation into DNA of Anemia phyllitidis gametophytes. (Ger) Koop, H U *Protoplasma* 77 (2/3): 343-359. Ref. Eng. Sum. 1973

087572 424.8 P954
Study on production of pollen by plants. [Honey plants]. (Pol) Warakomska, Z *Pszczelnicze Zeszyty Nauk* 16: 63-90. Ref. Nov 1972

087573 SB13.P8
Effect of some plant growth regulators on rooting behaviour of cuttings of Bougainvillaea v. Thimma. Lal, N *Punjab Hortic J* 12 (4): 235-236. Oct/Dec 1972

087574 450 R11
Effect of mineral type & soil moisture content on plant uptake of 137Cs. [Cesium, radioactive contamination, plants]. Shalhevet, J *Radiat Bot* 13 (3): 165-171. Ref. June 1973

087575 450 R11
Influence of postirradiation washing on growth & mineral content of Trigonella foenum-graecum L. seedlings. Freeman, J R *Radiat Bot* 13 (3): 185-190. Ref. June 1973

087576 QK865.A1R4
Mechanisms of indole alkaloid biosynthesis. Recognition of intermediacy & sequence by short-term incubation. [Plants]. Scott, A I *Recent Adv Phytochem* 6: 117-145. Ref. 1973

087577 QK865.A1R4
Novel sesquiterpenes isolated in Compositae. Romo, J *Recent Adv Phytochem* 6: 21-29. Ref. 1973

087578 QK865.A1R4
Chemistry & biogenesis of quassinoids (simaroubolides). [Simaroubaceae]. Polonsky, J *Recent Adv Phytochem* 6: 31-64. Ref. 1973

087579 QK865.A1R4
Biogenesis of sesquiterpene lactones of Compositae. Geissman, T A *Recent Adv Phytochem* 6: 65-95. Ref. 1973

087580 QK865.A1R4
Recent developments in biosynthesis of plant triterpenes. Goodwin, T W *Recent Adv Phytochem* 6: 97-115. Ref. 1973

087581 S15.E892
Effects of gamma rays on Aspergillus nidulans. (Por) Almeida, A C S de *Relat Cient Univ Sao Paulo Esc Super Agric Luiz de Queiroz Dep Genet Inst Genet* 6: 5-7. Eng. Sum. 1972

087582 TP983.A433
Essential oil from needles of Juniperus macropoda. (Ger) Talwar, Y P *Riechst Aromen Korperpflegem* 23 (5): 146. Eng. Sum. May 1973

087583 TP983.A433
Chemical study from rhizomes of Pavonia odorata (Willd) producing essential oils. (Ger) Dube, P *Riechst Aromen Korperpflegem* 23 (5): 149-150, 152. Eng. Sum. May 1973

087584 64.9 C33
On methods of determination of nitrogen & ash matters from one lot. [Plant material]. (Cze) Marek, V *Rostlinna Vyroba* 19 (2): 213-217. Ref. Eng. Sum. Feb 1973

087585 103 R74GA
Yields & N, [nitrogen] P, [phosphorus] & K [potassium] contents of crops grown in Rothamsted Reference experiment, 1956-70. Widdowson, F V *Rothamsted Exp Sta Rep* 2: 111-130. 1972 (Pub. 1973)

087586 103 R74GA
Water use by farm crops. II. Spring wheat, barley, potatoes (1969); potatoes, beans, kale (1968). French, B K *Rothamsted Exp Sta Rep* 2: 43-61. 1972 (Pub. 1973)

087587 103 R74GA
Water use by farm crops. I. Test of neutron meter on barley, beans & sugar beet, 1970. French, B K *Rothamsted Exp Sta Rep* 2: 5-42. 1972 (Pub. 1973)

087588 103 R74GA
Water use by farm crops. III. Bare soil, short turf & crops in rotation, 1962 to 1967, 1971. French, B K *Rothamsted Exp Sta Rep* 2: 62-85. Ref. 1972 (Pub. 1973)

087589 501 L84B
Responses of a mixed phytoplankton population to nutrient enrichments of ammonia & phosphate, & some associated ecological implications. Viner, A B *Roy Soc London Proc Ser B Biol Sci* 183 (1073): 351-370. Ref. July 3, 1973

087590 470 SCI2
Fire & nitrogen cycle in California chaparral. Christensen, N L *Science* 181 (4094): 66-68. July 6, 1973

087591 383 P21B
Synthesis of model molecules of omega-chloroformates of polyalkadienes: Reaction with Cinchona alkaloids. (Fre) Pinazzi, C P *Soc Chim France Bull* 4 (Pt. 2): 1345-1350. Ref. Eng. Sum. Apr 1973

087592 383 P21B
Steroidal alkaloids. CLVI. Preparation of 18-iodosteroids & their use in stnthesis of holantogenin. Stereospecific synthesis of steroidal 18,20(R)-& 18,20(S)-oxiranes. (Fre) Choay, P *Soc Chim France Bull* 4 (Pt. 2): 1456-1459. Ref. Eng. Sum. Apr 1973

087593 S592.7.A1S6
Mycoflora of Eucalyptus maculata leaf litter. [Forest soils]. Eicker, A *Soil Biol & Biochem* 5 (4): 441-448. Ref. July 1973

087594 409.6 SO8
Some germination responses of lechuguilla (Agave lecheguilla Torr.). Freeman, C E *Southwest Natur* 18 (2): 125-134. Maps. Ref. June 29, 1973

087595 QH431.A1G43
Action on Chlorella [vulgaris] of some antibiotics used to obtain pure cultures of unicellular algae. Ovsyannikova, M N *Sov Genet* 6 (9): 1181-1184. Ref. Sept 1970 Transl. May 1973

087596 385 SU7
Determination of selenium in rocks, soils, & plants. Koljonen, T *Suomen Kem* 46 (5/6): 133-138. Ref. 1973

087597 450 SY2
Studies on imperfect fungi. III. Influence of temperature. Kakkar, R K *Sydowia Ann Mycol* 25 (1-6): 119-127. 1971 (Pub. 1972)

087598 450 SY2
Influence of some trace-elements on growth of Aspergillus niger & on citric acid fermentation. Tandon, S P *Sydowia Ann Mycol* 25 (1-6): 137-142. 1971 (Pub. 1972)

087599 450 SY2
Vitamin requirements of Cercospora beticola Sacc. Mandahar, C L *Sydowia Ann Mycol* 25 (1-6): 162-166. Ref. 1971 (Pub. 1972)

087600 450 SY2
Effect of alcohols & organic acids on growth, sporulation & subsequent spore germination of Aspergilius flavus. Bansal, R D *Sydowia Ann Mycol* 25 (1-6): 167-171. Ref. 1971 (Pub. 1972)

087601 450 SY2
Particular cases of seed fungi. [Symbiosis]. (Ger) Schwartz-Kraepelin, H *Sydowia Ann Mycol* 25 (1-6): 35-46. 1971 (Pub. 1972)

087602 450 SY2
Studies on imperfect fungi. II. activities of hydrogen & hydroxylons. Kakkar, R K *Sydowia Ann Mycol* 25 (1-6): 89-99. Ref. 1971 (Pub. 1972)

087603 464.8 SP2
Plant root systems & crop growth. Cannell, R Q *SPan (shell Publ Health Agr News)* 16 (1): 38-40. Ref. 1973

087604 450 T192
Text of Vellozo's Flora Fluminensis & its effective date of publication. Carauta, J P P *Taxon* 22 (2/3): 281-284. May 1973

087605 385 T29
Isolation of dehydronerolisovalerat from Anthemis montana L. I. (Ger) Bohlmann, F *Tetrahedron Lett* 23: 2065-2066. June 1973

087606 385 T29
Structures of chaetoglobosin A & B, cytotoxic metabolites of Chaetomium globosum. Sekita, S *Tetrahedron Lett* 23: 2109-2112. June 1973

087607 385 T29
Diterpenoid constituents of Callicarpa macrophylla Vahl. Ahmad, S A *Tetrahedron Lett* 24: 2179-2182. June 1973

087608 385 T29
Structure of radiclonic acid, a new plant growth-regulator produced by a fungus. Sassa, T *Tetrahedron Lett* 26: 2333-2334. June 1973

087609 385 T29
Total synthesis of ( )-decaline. [Decodon verticillatus]. Hanaoka, M *Tetrahedron Lett* 26: 2355-2358. June 1973

087610 385 T29
Caespitol, a new halogenated sesquiterpene from Laurencia caespitosa. Gonzalez, A G *Tetrahedron Lett* 26: 2381-2384. June 1973

087611 382 T29
Crystalline constituents of Euphorbiaceae. XII. Isolation anc structural elucidation of three new lignans from leaves of Phyllanthus niruri Linn. Anjaneyulu, A S R *Tetrahedron* 29 (10): 1291-1298. Ref. May 1973

087612 382 T29
Constituents of Withania somnifera Dun. XIII. witha nolides of chemotype III. Glotter, E *Tetrahedron* 29 (10): 1353-1364. Ref. May 1973

087613 382 T29
Triterpenes of Salacia prinoides DC. Joshi, B S *Tetrahedron* 29 (10): 1365-1374. Ref. May 1973

087614 382 T29
Bitter principles of Picrasma ailanthoides Planchon. Nigakilactones J, K, L, M & N. Murae, T *Tetrahedron* 29 (11): 1515-1522. Ref. June 1973

087615 382 T29
Marine natural products of Atlantic zone. V. structure & chemistry of taondiol & related compounds. [Taonia atomaria]. Gonzalez, A G *Tetrahedron* 29 (11): 1605-1609. June 1973

087616 382 T29
Fungal extractives. IV. Structure of a novel sesquiterpene dialdehyde from Lactarius by spectroscopic methods. [Actarius vellerus, Lactarius pergamenus]. Magnusson, G *Tetrahedron* 29 (11): 1621-1624. June 1973

087617 382 T29
Isolation & synthesis of N-methyl-4,7,8-trimethoxy-2-quinolone from Spathelia sorbifolia L. Storer, R *Tetrahedron* 29 (12): 1721-1723. Ref. June 1973

087618 382 T29
New sources of steroid sapogenins. XIX. 20s-hydroxyvespertilin, a new steroid lactone from Solanum vespertilio. Gonzalez, A G *Tetrahedron* 29 (12): 1731-1734. Ref. June 1973

087619 448.8 T31
Enzymatic properties of a repressible acid phosphatase in Neurospora crassa. Jacobs, M M *Tex Rep Biol Med* 31 (1): 5-17. Ref. Spring 1973

087620 451 T63B
Allelopathic influence of Avena fatua: allelopathic mechanism. Tinnin, R O *Torrey Bot Club Bull* 99 (6): 287-292. Nov/Dec 1972

087621 451 T63B
A method for surface-sterilizing small plant parts. Basile, D V *Torrey Bot Club Bull* 99 (6): 313-316. Nov/Dec 1972

087622 SB197.A1T7
Germination responses of native plant seeds to rainfall in south-west Queensland. [australia]. Silcock, R G *Trop Grasslands* 7 (1): 990104. Ref. Mar 1973

087623 1 AG84TE
Leaf mesophylls of twenty crops, their light spectra, & optical & geometrical parameters. [Field crops, horticultural crops]. Gausman, H W *U S D A Tech Bull* 1465, 59 P. Ref. Mar 1973

087624 442.8 UZ1
Salt resistance of certain kinds of trees in Golodnaia Steppe region. (Rus) Nasyrov, R G *Uz Biol Zhur* 1: 24-25. 1973

087625 384 Z325
N-benzolybuxodienin-E & N-benzoyl-O-acetylbuxodienin-E : Two new alkaloids from Buxus sempervirens L. (Ger) Dopke, W *Z Chem* 13 (4): 135-136. Apr 1973

087626 450 Z32
Alkaloid transport in plants. Nowacki, E K *Z Pflanzenphysiol* 69 (3): 228-241. Ref. 1973

087627 450 Z32
Studies on influence of mycotoxins on activity of beta-indolylacetic acid & on germination of seeds of Lepidium sativum. [Gardencress]. (Ger) Reiss, J *Z Pflanzenphysiol* 69 (3): 274-279. Ref. Eng. Sum. 1973

087628 450 Z32
Contributions to physiology of native algae. 2. Kinetics of 14CO2-[carbon dioxide]-Assimilation in fresh water red alga Lemanea fluviatilis C. Ag. (Ger) Feige, G B *Z Pflanzenphysiol* 69 (3): 290-292. Eng. Sum. 1973

087629 450 Z32
Effect of cis-dichlorodiammineplatinum (II) on DNA synthesis & mitosis in Physarum polycephalum. Mohrova, E *Z Pflanzenphysiol* 69 (5): 381-389. Ref. 1973

087630 450 Z32
A record preponement of bud-induction in moss Entodon myurus. Sood, S *Z Pflanzenphysiol* 69 (5): 390-393. Ref. 1973

087631 450 Z32
Influence of FdUrd [fluordesoxyuridin] on enzymes of phosphorylation of thymidine during elongation growth of Sinapis alba seedlings. (Ger) Capesius, I *Z Pflanzenphysiol* 69 (5): 438-446. Ref. Eng. Sum. 1973

087632 450 Z32
Phosphatase & amylase activity of intact fern Gametophytes. [Polypodium vulgare]. Smith, D L *Z Pflanzenphysiol* 69 (5): 447-455. Ref. 1973

087633 450 Z32
Effect of prior heat stress on protochlorophyll & chlorophyll formation in seedlings of Colocynthis citrullus. [Citrullus colocynthis]. Lawanson, A O *Z Pflanzenphysiol* 69 (5): 461-463. 1973

087634 QR1.Z4
Notes on respiratory metabolism of Kluyveromyces fragilis van der Walt. (Fre) Chassang-Douillet, A *Zeitsch Allg Mikrobiol* 13 (3): 193-199. 1973

087635 QR1.Z4
Degradation of progesterone by aspergilli-side chain cleaving enzymes. [Aspergillus niger]. El-Refai, A H *Zeitsch Allg Mikrobiol* 13 (3): 201-206. Ref. 1973

087636 QR1.Z4
Protein production by local yeast strains with special emphasis on Geotrichum candidum. Osman, H G *Zeitsch Allg Mikrobiol* 13 (3): 233-237. Ref. 1973

087637 QR1.Z4
Metabolic activites & dynamic aspects of growth in Geotrichum candidum. Osman, H G *Zeitsch Allg Mikrobiol* 13 (3): 239-242. 1973

087638 QR1.Z4
Correlation between carboxin resistance & glycolitic ability of fungi. [Fungal pathogenes]. (Ger) Ritter, G *Zeitsch Allg Mikrobiol* 13 (3): 243-250. Ref. Eng. Sum. 1973

087639 448.3 C33 (3)
Enzymic character of toxic substances released by entomophagous fungus Beauveria bassiana & their stimulation of their production. (Ger) Leopold, H *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 128 (1/): 31-41. Ref. Eng. Sum. 1973

087640 448.3 C33 (3)
Density of Azotobacter in root-free soils & in rhizosphere of several plants in arid & semi-arid Libyan regions. Makawi, A A M *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 128 (1/2): 135-139. Ref. 1973

087641 448.3 C33 (3)
Antimicrobial principles in leaves of Lawsonia inermis L. El-Malek, Y A *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 128 (1/2): 61-67. Ref. 1973

087642 448.3 C33 (3)
Production of candicidin by Streptomyces griseus. Abou-Zeid, A Z A *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 128 (1/2): 68-71. Ref. 1973

PHYSIOLOGY AND BIOCHEMISTRY OF FIELD CROPS

087643 512 W262
Decrease of ribosome bound ribonucleolytic activity during rye embryo germination. Siwecka, M A *Acad Polon Sci Bull Ser Sci Biol* 21 (3): 171-175. Ref. 1973

087644 505 P21 (3)
Manganese absorption by excised roots of rice & barley. (Fre) Dewandel, J Y *Acad Sci (paris) C R Ser D* 276 (19): 2669-2672. Ref. May 9, 1973

087645 442.8 AC86
Effect of sodium salt of 2,4-dichlorophenoxyacetic acid on mitocic growth of yellow corn. Kertesz, J *Acta Biol (Szeged)* (New Ser.) 18 (1/4): 131-133. 1972

087646 442.8 AC86
Influence of chilling on ion uptake by roots. [Rice]. Zsoldos, F *Acta Biol (Szeged)* (New Ser.) 18 1/4): 121-129. Ref. 1972

087647 S13.A2
Importance of cross pollination of alfalfa (Medicato sativa L.) for seed production. (Slo) Kovac, A *Acta Fytotechnica* 25: 109-117. Ref. Eng. Sum. 1972

087648 S13.A2
Changes in nutrient contents of spring barley Dvoran in relationship to different soil humidity. (Slo) Svihra, J *Acta Fytotechnica* 25: 35-46. Ref. Eng. Sum. 1972

087649 S13.A2
Effect of manuring & different density of stand on production of total dry-matter & its distribution in plant organism. [Sunflower]. Kostrej, A *Acta Fytotechnica* 25: 47-59. Ref. 1972

087650 S13.A2
Contribution to morphogenesis of winter wheat during cryptovegetation. (Slo) Benkova, M *Acta Fytotechnica* 26: 53-64. Eng. Sum. 1972

087651 S13.A2
Relativity of overground mass formation to that of underground mass at winter wheat. (Slo) Spaldon, E *Acta Fytotechnica* 26: 77-94. Eng. Sum. 1972

087652 S19.A32
Effect of superphosphate in different combinations with compost on yield & uptake of nitrogen, phosphorus & potassium by rice plant. Joshi, R L *Agric Agroind J* 6 (4): 9-13. Ref. Apr 1973

087653 442.8 AL6
Electric conductivity of various early-ripening thin-fibered cotton varieties in relation to dose of gamma irradiation. (Rus) Norbaev, N *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 3: 13-15. 1973

087654 442.8 AL6
Germination of hard alfalfa seeds under action of ultrasound. (Rus) Kolokol'tseva, L S *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 3: 24-25. 1973

087655 442.8 AL6
Effect of copper on certain physiologicbiochemical indices & productivity of cotton. (Rus) Rakhmanov, R R *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 3: 26-27. 1973

087656 442.8 AL6
Effect of mineral fertilizers on content of vitamins E & P. [Barley]. (Rus) Makhamadzhanov, I *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 3: 28-30. 1973

087657 442.8 AL6
Decomposition of arginine globulin during germination of cotton seeds. (Rus) IUnuskhanov, Sh *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 3: 3-5. Ref. 1973

087658 442.8 AL6
Effect of gamma radiation on ultrafine organization of mitochondria in cotton varieties with different sensitivities to irradiation. (Rus) Arslanova, S V *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 3: 6-9. 1973

087659 24 AL2
Cytogenetic effects of dichloropropionic acid & some of its compounds. [Broadbeans]. El-Sadek, L M *Alexandria J Agr Res* 20 (1): 103-110. Ref. June 1972

087660 24 AL2
Cation uptake by excised barley roots from clay suspensions & from their equilibrium solutions. Elsokkary, I H *Alexandria J Agr Res* 20 (1): 183-188. Ref. June 1972

087661 389.78 AL4
Contribution to knowledge of Sardinian pasture. 1. Variations of chemical composition & nutritive value of summer pastures. (Ita) Lai, P *Aliment Anim* 17 (1): 47-55. Eng. Sum. Jan/Feb 1973

087662 450 AM36
Cytokinin-gibberellin regulation of shoot development & leaf form in tobacco plantlets. Engelke, A L *Amer J Bot* 60 (6): 491-495. Ref. July 1973

087663 381 AN13
Use of a sulfide ion selective electrode to study o-acetylserine sulfhydrylase from germinating rapeseed. Ngo, T T *Anal Biochem* 54 (1): 247-261. Ref. July 1973

087664 34.2 AN4
Photoperiodic induction of flowering in mesta (Hibiscus cannabinus l.). [Kenaf]. Kumaraperumal, N *Andhra Agr J* 18 (3/4): 128-130. May/Aug 1971 (Pub. 1973)

087665 34.2 AN4
A note on response of dryland crops for application of zinc sulphate. Reddy, M V *Andhra Agr J* 18 (3/4): 157-159. May-/Aug 1971 (Pub. 1973)

087666 34.2 AN4
Observations on effect of energy material in soil on growth of crops & uptake of nutrients by wheat (Triticum vulgare) & maize (Zea mays). Thakre, S K *Andhra Agr J* 18 (3/4): 171-172. May/Aug 1971 (Pub. 1973)

087667 34.2 AN4
Rate of dry matter production in different plant parts at various stages of growth in sorghum. Babu, A R *Andhra Agr J* 18 (3/4): 85-90. May/Aug 1971 (Pub. 1973)

087668 S7.A755
On potassium fertilizer requirement of cereals (dependency of potassium effect on illumination & temperature as well as on soil potassium content). (Ger) Wicke, H J *Arch Acker Pflanz Bodenkd* 17 (1): 55-63. Ref. Eng. Sum. 1973

087669 381 AR2
Enzymic mechanism of starch synthesis in ripening rice grains. VII. Purification & enzymic properties of sucrose synthetase. Nomura, T *Arch Biochem Biophys* 156 (2): 644-652. Ref. June 1973

087670 RC963.A1A7
Cadmium uptake bvy wheat from sewage sludge used as a plant nutrient source. A comparative study using flameless atomic absorption & neutron activiation analysis. Linnman, L *Arch Environ Health* 27 (1): 45-47. July 1973

087671 100 AR42F
Use of yield-enhancing chemicals on soybeans. Stutte, C A *Ark Farm Res* 22 (3): 2. May/June 1973

087672 61.9 AS7
Quick swell test as an indicator of potential germination in Crownvetch [coronilla] seed. Peiffer, R A *Ass Off Seed Anal Proc* 62: 101-108. 1972

087673 61.9 AS7
Detection of processing injury & viability in Crownvetch [coronilla] seed by staining with fast green. Peiffer, R A *Ass Off Seed Anal Proc* 62: 109-115. 1972

087674 61.9 AS7
Wetting & drying treatments to improve performance of orchardgrass seed. [Dactylis glomerata]. Haight, J C *Ass Off Seed Anal Proc* 62: 135-148. Ref. 1972

087675 61.9 AS7
Effects of test duration, root distrubance, & seedling transfer on fluorescence of Lolium multiflorum Lam. Ogburn, C S *Ass Off Seed Anal Proc* 62: 149-153. 1972

087676 23 AU792
Competitive growth of capeweed (Arctotheca calendula) & some annual pasture species. [Subetrranean clover, Lolium rigidum]. McIvor, J G *Australian J Exp Agr Anim Husb* 13 (61): 185-189. Ref. Apr 1973

087677 23 AU792
Effect of high temperature pretreatments on germination of Townsville stylo seed material. Holm, A M *Australian J Exp Agr Anim Husb* 13 (61): 190-192. Apr 1973

087678 16 AV9
Culture of sunflowers. (Ita) Brevedan, G *Avvenire Agr* 81 (4): 103-107. Apr 1973

087679 442.8 B5236
Enzymatic synthesis of a hydroxy fatty acid polymer, cutin, by a particulate preparation from Vicia faba epidermis. [Broadbeans]. Croteau, R *Biochem Biophys Res Commun* 52 (3): 863-869. June 8, 1973

087680 442.8 B5236
Polyriboadenylate synthesizing activity in chromatin of wheat seedlings. Sasaki, K *Biochem Biophys Res Commun* 52 (4): 1440-1449. Ref. June 19, 1973

087681 442.8 B5236
Glycine activation of pep carboxylase from monocotyledoneous C4 [carbon] plants. [Corn]. Nishikido, T *Biochem Biophys Res Commun* 53 (1): 126-133. July 2, 1973

087682 442.8 B5236
Mechanism of osmotic regulation of hydrolase synthesis in aleurone cells of barley: Inhibition of protein synthesis. Chrispeels, M J *Biochem Biophys Res Commun* 53 (11): 99-104. July 2, 1973

087683 442.8 B5236
Presence of polysdenylate sequences in ribonucleic acid of a higher plant. [Rice]. Manahan, C O *Biochem Biophys Res Commun* 53 (2): 288-595. Ref. July 17, 1973

087684 QK710.F5
Growth & sex expression in Sesamum indicum Linn. as affected by morphactin. [Sesame]. Sankhla, N *Biochem Physiol Pflanzen (bpp)* 164 (1): 22-33. Ref. 1973

087685 QK710.F5
Effect of seed size upon germination, moisture uptake, seedling growth, dry weight changes & soluble sugars under polyethylene glycol (PEG) induced stress. [Bird rape]. Pandya, R B *Biochem Physiol Pflanzen (bpp)* 164 (1): 80-87. Ref. 1973

087686 381 B523
Purification, molecular & catalytic properties of pyruvate phosphate dikinase from maize leaf. Sugiyama, T *Biochemistry* 12 (15): 2862-2868. Ref. July 17, 1973

087687 381 B522
A kinetic study of in vivo ATP [adenosine triphosphate] synthesis during monoor bichromatic illumination of Zea mays: red-far red antagonist effect. [Corn]. (Fre) Michel, J P *Biochim Biophys Acta* 305 (2): 390-396. Ref. May 30, 1973

087688 381 B522
Accentuated type I reversibiltiy of maize DNA denaturation thermal stability conferred by guanine-cytosine-rich tracts. Brooks, R R *Biochim Biophys Acta* 312 (1): 14-32. Ref. Jun 8, 1973

087689 381 B522
Translational control in barley coleoptiles by abscisic acid. Bonnafous, J C *Biochim Biophys Acta* 312 (1): 165-171. Ref. Jun 8, 1973

087690 442.8 B5237
Carboxylating enzymes in normal & carotenoid mutant maize leaves. (Hun) Nagy, A H *Biol Kozlemenyek* 20 (1/2): 25-31. Ref. Eng. Sum. 1972

087691 450 B52
Effect of N-methyl-N-nitrosourea & N-methyl-N-nitrosourethane upon growth of tissue cultures of Nicotiana tabacum L. [Tobacco]. Opatrny, Z *Biol Plant* 15 (3): 179-188. Ref. 1973

087692 450 B52
Effects of CCC 2-(chloroethyl) trimethylammionium chloride & B-995 on growth & pigmentation of tobacco tissue in a suspension culture. Hradilik, J *Biol Plant* 15 (3): 223-228. Ref. 1973

087693 450 B52
Effect of different leaf age on relationship between CO2 [carbon dioxide] uptake & water rapour efflux in tobacco plants. Vaclavik, J *Biol Plant* 15 (3): 233-236. 1973

087694 442.8 B523
Investigations of differentiation of enzyme system in growing root cell. II. interaction of oxygen & nitrate in induction of ADH [alcohol dehydrogenases] & LDH [lactic dehydrogenases]. [Cor (Ger) Kohl, J G *Biol Zentralbl* 92 (2): 151-162. Ref. Eng. Sum. Mar/Apr 1973

087695 450 B652
Distribution of iron, chlorophyll, ant heme enzymes in life span of groundnut. Gopal, N H *Bot Gaz* 134 (2): 100-103. Ref. June 1973

087696 450 B652
Comparative electrophoretic studies of trypsin inhibitors in seed of genus Glycine. [Soybeans]. Mies, D W *Bot Gaz* 134 (2): 121-125. Ref. June 1973

087697 450 B652
Studies on tobacco petal primordia in culture: petal duplication induced by surgery. Hicks, G S *Bot Gaz* 134 (2): 154-160. Ref. June 1973

087698 450 B652
Interaction of photoperiodic dosage & plant age on rice. I. Effects of short photoperiod on a late-winter rice. Misra, G *Bot Gaz* 134 (2): 93-96. Ref. June 1973

087699 390.8 B733
Correlations between chemical composition of hop cones, genetic basis, environment & yield. (Ger) Hatuke, P *Brauwissenschaft* 26 (6): 193-198. Ref. Eng. Sum. June 1973

087700 100 C12S (1)
Climate factors. [Soybeans]. Knowles, P F *Calif Agr Exp Sta Bull* 862: 15-16. June 1973

087701 100 C12S (1)
Soil factors. [Soybeans]. Abel, G H *Calif Agr Exp Sta Bull* 862: 16-18. June 1973

087702 60.18 SO8
Carbohydrates (energy), pivot point of grass responses. [Poa pratensis]. Youngner, V B *Calif Turfgrass Cult* 23 (1): 2-5. Winter 1973

087703 60.18 SO8
Colonial bentgrass in California. [Agrostis tenuis]. Donaldson, D *Calif Turfgrass Cult* 23 (1): 7-8. Winter 1973

087704 470 C16E
Isolation of cerebroside from alfalfa leaves. Ito, S *Can J Biochem* 51 (6): 957-961. Ref. June 1973

087705 470 C16C
Geotropic response patterns of Avena Coleoptile. I. Dependence on angle & duration of stimulation. [Oats]. Pickard, B G *Can J Bot* 51 (5): 1003-1021. Ref. May 1973

087706 470 C16C
Geotropic response patterns of avena coleoptile. II. Induction at low temperature. [Oats]. Pickard, B G *Can J Bot* 51 (5): 1023-1027. May 1973

087707 470 C16C
Environmental regulation of oxygen effect on apparent photosynthesis in wheat. Jolliffe, P A *Can J Bot* 51 (5): 841-853. Ref. May 1973

087708 470 C16C
A survey of anthocyanin pigments in seedling legumes. [Phaseolus]. Nozzolillo, C *Can J Bot* 51 (5): 911-915. May 1973

087709 470 C16C
Inflorescence development of semidwarf & standard height wheat cultivars in differnet photoperiod & nitrogen treatments. Holmes, D P *Can J Bot* 51 (5): 941-956. Ref. May 1973

087710 470 C16C
Uptake of alanine-14C [carbon] by soybean root cells grown in sterile suspension culture. King, J *Can J Bot* 51 (6): 1109-1114. Ref. June 1973

087711 470 C16C
Rapid release of peroxidase by peanut cells in suspension culture. Huystee, R B van *Can J Bot* 51 (6): 1169-1175. Ref. June 1973

087712 470 C16C
Electrophoretic analysis of effects of in bitro heating on proteins & enzymes from dormant peanuts, Arachis hypogaea. Thomas, D L *Can J Bot* 51 (6): 1191-1196. Ref. June 1973

087713 470 C16C
Effect of lipid extraction on electron-microscopic images of plant membranes. [Tobacco]. Swanson, E S *Can J Bot* 51 (6): 1221-1229. Ref. June 1973

087714 470 C16C
Influence of nitrate on induction of nitrate reductase in maize roots. Stevens, D L *Can J Bot* 51 (6): 1255-1258. June 1973

087715 450 C16
Inheritance of photoperiodic heading response in winter & spring cultivars of bread wheat. Keim, D L *Can J Plant Sci* 53 (2): 247-250. Apr 1973

087716 450 C16
Contribution & nutritive value of major plant components of oats through progressive stages of development. Kilcher, M R *Can J Plant Sci* 53 (2): 251-256. Ref. Apr 1973

087717 450 C16
Mineral content of forage plants from Reindeer Preserve, Northwest Territories. Scotter, G W *Can J Plant Sci* 53 (2): 263-268. Ref. Apr 1973

087718 450 C16
Some effects of Alar-85 on physiology of alfalfa & Ladino clover. Calder, F W *Can J Plant Sci* 53 (2): 269-278. Ref. Apr 1973

087719 450 C16
Effects of companion crops & their management on undersown forage seedling environment. Genest, J *Can J Plant Sci* 53 (2): 285-290. Apr 1973

087720 450 C16
Influence of light source on growth of alfalfa cultivars. Heinrichs, D H *Can J Plant Sci* 53 (2): 291-294. Apr 1973

087721 450 C16
Salinity tolerance of Altai wild ryegrass & other forage grasses. [Elymus angustus]. McElgunn, J D *Can J Plant Sci* 53 (2): 303-307. Ref. Apr 1973

087722 450 C16
Seasonal emergence & persistence of green foxtail. [Setaria viridis]. Banting, J D *Can J Plant Sci* 53 (2): 369-376. Ref. Apr 1973

087723 450 C16
Leaf temperature measurement & control in a gas-exchange cuvette. [Corn, sorghum]. Beadle, C L *Can J Plant Sci* 53 (2): 407-412. Ref. Apr 1973

087724 450 C16
Controlling plant height in sunflowers with growth retardants. Dorrell, D G *Can J Plant Sci* 53 (2): 417-418. Apr 1973

087725 56.8 C162
Influence of root hairs in supplying soil phosphorus to wheat. [Rape, flax]. Bole, J B *Can J Soil Sci* 53 (2): 169-175. Ref. May 1973

087726 59.8 C33
Amylases of developing wheat,barley, & oat grains. Meredith, P *Cereal Chem* 50 (3): 243-254. Ref. May/June 1973

087727 72.8 EM7
Effect of selective defoliation on development of cotton bolls. Brown, K J *Cotton Growing Rev* 50 (2): 106-114. Apr 1973

087728 72.8 EM7
Note on effect of gibberellic acid on quality of Laxmi cotton. Sitaram, M S *Cotton Growing Rev* 50 (2): 150-151. Apr 1973

087729 64.8 C883
Patterns of translocation, respiratory loss, & redistribution of 14C[carbon] in maize labeled after flowering. Palmer, A F E *Crop Sci* 13 (3): 371-376. Ref. May/-June 1973

087730 64.8 C883
Changes in efficiencies & numbers of chloroplasts associated with divergent selections for juvenile productivity in zea mays L.) . [Corn]. Hanson, W D *Crop Sci* 13 (3): 386-387. May/June 1973

087731 64.8 C883
Effects of deheading on stalk yield & juice quality of Rio sweet sorghum. Broadhead, D M *Crop Sci* 13 (3): 395-396. May/June 1973

087732 475 SCI23
Effect of irradiation with gamma-rays on embryo sac in M1 generation of rice. Vijendra Das, L D *Cur Sci* 42 (12): 437-438. June 20, 1973

087733 57.8 F4123
Effect of rates & sources of nitrogen on fodder yield & quality of oats (kent). Mannikar, G N D *Fert News* 18 (5): 45-47. May 1973

087734 450 F58
Unusual behavior of sodium during its uptake by maize root tissues. (Rus) Mazel', IU IA *Fiziol Rast (mosc)* 20 (3): 437-441. Ref. Eng. Sum. 1973

087735 450 F58
Possible reasons for stimulation of respiration of plant roots by sodium chloride. [Wheat]. (Rus) Gordon, L K *Fiziol Rast (mosc)* 20 (3): 462-465. Ref. Eng. Sum. 1973

087736 450 F58
Role of sulphur deficiency in balance of ash elements in cotton plants under salinization with sodium chloride. (Rus) Sheviakova, N I *Fiziol Rast (mosc)* 20 (3): 473-481. Ref. Eng. Sum. 1973

087737 450 F58
Effect of atrazine on potassium absorption by barley roots. (Rus) Zhirmunskaia, N M *Fiziol Rast (mosc)* 20 (3): 482-487. Ref. Eng. Sum. 1973

087738 450 F58
Effect of auxin on carotenoid content in suspension culture of tobacco tissue. (Rus) Shiriaeva, G A *Fiziol Rast (mosc)* 20 (3): 493-498. Eng. Sum. 1973

087739 450 F58
Effect of auxin & some cations on decomposition of RNA in sections of maize mesocotyls & in homogenates. (Rus) Polevoi, V V *Fiziol Rast (mosc)* 20 (3): 499-503. Ref. Eng. Sum. 1973

087740 450 F58
Primary changes of reserve proteins during germination of seeds of vetch. (Rus) Shutov, A D *Fiziol Rast (mosc)* 20 (3): 504-509. Ref. Eng. Sum. 1973

087741 450 F58
Localization & transformation of accumulated substances in rice endosperm during ripening. (Rus) Petibskaia, V S *Fiziol Rast (mosc)* 20 (3): 510-513. Ref. Eng. Sum. 1973

087742 450 F58
Tolerance to anoxia of cell fine organization in of rice seedlings grown under aerobic conditions. (Rus) Kursanov, A L *Fiziol Rast (mosc)* 20 (3): 564-568. Ref. Eng. Sum. 1973

087743 450 F58
Liberation & uptake of carbon-labeled organic compounds & carbon dioxide by roots of maize & bean. (Rus) Nechiporenko, G A *Fiziol Rast (mosc)* 20 (3): 577-581. Ref. Eng. Sum. 1973

087744 450 F58
Causes of differnet resistance of germinated seeds to desiccation & low freezing. [Wheat, corn, peas]. (Rus) Livshin, A Z *Fiziol Rast (mosc)* 20 (3): 590-596. Eng. Sum. 1973

087745 450 F58
Effect of low positive temperature on growth & content of protein nitrogen in cells of maize root. (Rus) Rodchenko, O P *Fiziol Rast (mosc)* 20 (3): 597-602. Ref. Eng. Sum. 1973

087746 450 F58
Regulation of growth of barley stem by 2-chloroethylphosphonic acid, chlorocholine chloride & antiauxin. (Rus) Prusakova, L D *Fiziol Rast (mosc)* 20 (3): 610-616. Ref. Eng. Sum. 1973

087747 450 F58
Conformational changes of protein complex of mitochondria during viral pathogenesis of tobacco plants. (Rus) Ladygina, M E *Fiziol Rast (mosc)* 20 (3): 617-624. Ref. Eng. Sum. 1973

087748 450 F58
Effect of light of different intensity on reactions of violaxanthine cycle in verdant maize seedlings. (Rus) Popova, O F *Fiziol Rast (mosc)* 20 (3): 628-631. Ref. 1973

087749 22.5 H613
Genetic relation between seed weight & seedling growth in rice plant. I. Seedling growth depending completely on materials in seeds. (Jap) Takeda, K *Hirosaki Univ Fac Agr Bull* 19: 10-21. Eng. Sum. Dec 1972

087750 SB123.E48
Protein complex in economically valuable mutants of spring wheat obtained with use of radiation. (Ukr) Trofimova, O S *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 104-109. 1971

087751 SB123.E48
Resistance to radioactivity & mutational variability of corn. (Ukr) Volodin, V H *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 116-128. Ref. 1971

087752 SB123.E48
Modification of effect of fast neutrons on winter rye. (Ukr) Pomohaibo, V M *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 65-68. Ref. 1971

087753 SB123.E48
Pollen sterlity of mutants of soft winter wheat (Tritcum aestivum L.) induced by ionizing radiation. (Ukr) Savchenko, M H *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 95-104. 1971

087754 QC997.W38 1971
Seasonal forecasting of spring growth & flowering of grass crops in British Isles. Roy, M G *In Weather Forecasting for Agriculture and Industry* P. 99-114. Ref. 1972

087755 22 IN283
Low concentration sprays of napthalene acetic acid for more cotton. [fruit-set]. Bhatt, J G *Indian Farming* 22 (9): 36-37. Dec 1972

087756 22 AG83I
Effect of some soil insecticides on germination, growth, dry weight, yield & quality of 'Menofi' cotton (Gosspium barbadense L.). Gawaad, A A A *Indian J Agr Sci* 42 (12): 1075-1083. Ref. Dec 1972

087757 22 AG83I
Effect of soil-moisture regimes & N [nitrogen] & P [phosphorus] levels on 'Sonora 64' wheat. [Irrigation]. Chauhan, R K S *Indian J Agr Sci* 42 (12): 1103-1109. Ref. Dec 1972

087758 22 AG83I
Yielding abilities of dwarf wheats (Triticum aestivum l.) at different dates of sowing & seed rates. Sharma, K C *Indian J Agr Sci* 42 (12): 1110-1115. Dec 1972

087759 22 AG83I
Effect of continuous supply of phosphorus & potassium on dry-matter production & nutrient uptake of flue-cured tobacco. Gopalachari, N C *Indian J Agr Sci* 42 (12): 1121-1127. Ref. Dec 1972

087760 22 AG83I
Note on a rapid method of determining leaf area in tossa jute (Corchorus olitorius L.). Chaudhuri, B B *Indian J Agr Sci* 42 (12): 1142-1143. Dec 1972

087761 334.8 IN84
Discrimination between Rubidium & Potassium ions in their absorption by rice roots. Kannan, S *Int J Appl Radiat Isotopes* 24 (7): 431-432. Ref. July 1973

087762 65.8 IN8
Some effects of a water table level on growth of sugarcane. Gosnell, J M *Int Sugar J* 75 (893): 135-139. May 1973

087763 65.8 IN8
Effect of drought on sugar cane. Naqvi, H A *Int Sugar J* 75 (894): 168-169. Ref. June 1973

087764 58.8 J82
Simulation of lettuce growth in an air-supported plastic greenhouse. Soribe, F I *J Agr Eng Res* 18 (2): 133-140. June 1973

087765 58.8 J82
Moisture content of wheat in harvesting period. Elderen, E van *J Agr Eng Res* 18 (2): 71-93. Ref. June 1973

087766 381 J8223
Metabolism of 2,4-dichlorophenoxyacetic acid. V. Identification of metabolites in soybean callus tissue cultures. Feung, C S *J Agr Food Chem* 21 (4): 637-640. Ref. July/Aug 1973

087767 381 J8223
Determination of organic acids in tall fescue (Festuca arundinacea) by gas-liquid chromatography. Boland, R L *J Agr Food Chem* 21 (4): 661-665. Ref. July/Aug 1973

087768 381 J8223
Protein, lysine, & grain yields of Triticale & wheat as influenced by genotype & locations. Ruckman, J E *J Agr Food Chem* 21 (4): 697-700. Ref. July/Aug 1973

087769 10 J822
Isolation of plant cell wall preparations with low nitrogen contents. [Grasses]. Morrison, I M *J Agr Sci (London)* 80 (3): 405-410. Ref. June 1973

087770 10 J822
Nutrient requirements of herbage on deep acid peat. Reith, J W S *J Agr Sci (London)* 80 (3): 425-434. Ref. June 1973

087771 10 J822
Effect of soil physical conditions produced by various cultivation systems on root development of winter wheat. Finney, J R *J Agr Sci (London)* 80 (3): 435-442. Ref. June 1973

087772 10 J822
Interpopulational & intervarietal F1 hybrids in Lolium perenne: performance in field sward conditions. Foster, C A *J Agr Sci (London)* 80 (3): 463-477. June 1973

087773 10 J822
Effect of spacing on growth of two genotypes of perennial ryegrass. [Lolium perenne]. Simons, R G *J Agr Sci (London)* 80 (3): 495-502. Ref. June 1973

087774 10 J822
Copper & molybdenum in swayback pastures. Alloway, B J *J Agr Sci (London)* 80 (3): 521-524. Ref. June 1973

087775 S671.J62
Studies on rate of drying wheat crop in field. Pathak, B S *J Agric Eng* 9 (2): 76-84. June 1972

087776 410 J828
Neighbour effects in genus Avena. I. Comparison of crop species. [Oats]. Trenbath, B R *J Appl Ecol* 10 (2): 379-400. Ref. Aug 1973

087777 410 J828
Response of grasses to nitrogen source. Wiltshire, G H *J Appl Ecol* 10 (2): 429-435. Ref. Aug 1973

087778 410 J828
Patterns & processes in Townsville stylo-annual grass pasture ecosystem. [Stylosanthes humilis]. Torssell, B W R *J Appl Ecol* 10 (2): 463-478. Map. Ref. Aug 1973

087779 389.8 J823
Amylose content & amylolytic studies on high yielding varieties of bajra (Pennisetum typhoides). Singh, R *J Food Sci Technol (mysore)* 10 (1): 31-33. Ref. Jan/Mar 1973

087780 382 SO12
Uptake & distribution of added selenite & selenate by barley & red clover as influenced by sulphur. Gissel-Nielsen, G *J Sci Food Agr* 24 (6): 649-655. Ref. June 1973

087781 382 SO12
Response by sugar beet to soil dressings & foliar sprays of manganese. Draycott, A P *J Sci Food Agr* 24 (6): 675-683. Ref. June 1973

087782 64.8 J27
Anther culture in Nicotiana & characteristics of haploid plants. [Tobacco]. (Jap) Nakamura, A *Jap J Breed* 23 (2): 11-18. Ref. Eng. Sum. Apr 1973

087783 . 66.9 J27 SUPPL.
Studies on bolting & flowering of sugar beet. 2. effect of selection on flowering date. (Jap) Nakajima, J *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 121-127. Eng. Sum. 1972

087784 66.9 J27 SUPPL.
On transpiration & photosynthesis of sugar beet plants. (Jap) Kitamura, T *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 69-74. Eng. Sum. 1972

087785 66.9 J27 SUPPL.
Study on growth acceleration of sugar beets. 1. Effects of polyethylene film mulching on growth acceleration of sugar beets. (Jap) Kon, T *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 75-83. Eng. Sum. 1972

087786 66.9 J27 SUPPL.
A study of anther culture in sugar beets. (Jap) Banda, H *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 9-16. Eng. Sum. 1972

087787 S19.J3
Paddy rice ripening & temperature. Murakami, T *JArq (j Agr Res Quart)* 7 (1): 1-5. Ref. 1973

087788 18 L2353
Investigating bending behaviour of grass stalks. (Ger) Ahlgrimm, halmgut *Landbauforsch Volkenrode* 22 (2): 117-122. Ref. Eng. Sum. Dec 1973

087789 18 L2353
Methodolgical studies to distinguish functional from non-functional roots. [Trisetum flavescens, Trifolium phatense]. (Ger) Sator, C *Landbauforsch Volkenrode* 22 (2): 87-92. Ref. Eng. Sum. Dec 1973

087790 22 M262
Studies on relationship between nutrient uptake & yield of certain high yielding rice varieties. Muthuswamy, P *Madras Agr J* 60 (3): 173-175. Mar 1973

087791 22 M262
Influence of levels of fertilizers & methods of application of insecticide on IR.8 rice. Raj, S M *Madras Agr J* 60 (3): 179-183. Mar 1973

087792 59.9 C813
Physiological investigations of stature mutant nana-1. [Corn]. Shoemaker, R L *Maize Genet Coop News Lett* 47: 11-12. Apr 15, 1973

087793 59.9 C813
A test of response of some chlorophyll mutants to different temperature & nutrients. [Corn]. Gavazzi, G *Maize Genet Coop News Lett* 47: 114-121. Apr 15, 1973

087794 59.9 C813
Complex regulatory scheme for catalase in early maize development. Sorenson, J C *Maize Genet Coop News Lett* 47: 152-154. Apr 15, 1973

087795 59.9 C813
Growth regulator induction of parthenocarpy in maize. Rogers, O M *Maize Genet Coop News Lett* 47: 157-159. Apr 15, 1973

087796 59.9 C813
Characterization of chloroplast & nuclear DNA of maize. Shah, D M *Maize Genet Coop News Lett* 47: 161-163. Apr 15, 1973

087797 59.9 C813
Effects of light on pigmentation in developing maize seeds. Kyle, D *Maize Genet Coop News Lett* 47: 181-184. Apr 15, 1973

087798 59.9 C813
Peonidin in W22 Pr pericarp & cob glumes. [Corn]. Ceska, O *Maize Genet Coop News Lett* 47: 184-186. Apr 15, 1973

087799 59.9 C813
Heat unit differences for germination of maize. Herczegh, M *Maize Genet Coop News Lett* 47: 214-216. Apr 15, 1973

087800 59.9 C813
Seed viability of maize (Zea mays L.). Banerjee, U C *Maize Genet Coop News Lett* 47: 39-40. Apr 15, 1973

087801 59.9 C813
Misuse of term 'vivipary'. [Corn]. Banerjee, U C *Maize Genet Coop News Lett* 47: 42-43. Apr 15, 1973

087802 59.9 C813
Factors controlling 'trueVivipary' in maize (Zea mays L.). Banerjee, U C *Maize Genet Coop News Lett* 47: 43-44. Apr 15, 1973

087803 59.9 C813
Regulation of alcohol dehydrogenase (ADH) activity in developing maize endosperm. Fischer, D *Maize Genet Coop News Lett* 47: 55-56. Apr 15, 1973

087804 59.9 C813
Isolation & purification of maize nuclear DNA. Ramirez, S A *Maize Genet Coop News Lett* 47: 71-73. Apr 15, 1973

087805 107.6 T78
Effects of basal dressing level on dry matter production & botanical composition in mixed stands of orchardgrass & Ladino clover. (Jap) Morita, O *Mie Univ Fac Agr Bull* 45: 73-83. Ref. Eng. Sum. Mar 1973

087806 12 N3892
Effect of light intensity, temperature & daylength on rate of leaf appearance of maize. Meyling, H D G *Neth J Agr Sci* 21 (1): 68-76. Ref. 1973

087807 60.19 N48
Clover response to inoculation and pelleting on Te Anau soils. Lowther, W L *New Zeal Grassland Ass Proc* 34Th: 122-128. Ref. 1973

087808 60.19 N48
Effect of topdressing & liming on uptake of mineral nutrients in pasture. McNaught, K J *New Zeal Grassland Ass Proc* 34Th: 77-83. 1973

087809 22.5 N684
On variabilities of heading time in some barley cultivars. (Jap) Yasuda, S *Nogaku Kenkyu* 54 (4): 173-183. Mar 1973

087810 22.5 N684
Studies on seed dormacy of post-harvest barley. II. Different characteristics in seed dormancy by variety, year & grade of barley. (Jap) Fukuyama, T *Nogaku Kenkyu* 54 (4): 185-198. Mar 1973

087811 20.5 N86
And attempt to balance influence of mineral fertilizers with & without farmyard manure on yields from mountain meadows. (Pol) Kielpinski, J *Nowe Roln* 22 (10): 13-14. May 16/31, 1973

087812 20.5 N86
Influence of site conditions on yields & persistence of some species in sward of reclaimed & cultured meadows. (Pol) Tolwinska, M *Nowe Roln* 22 (10): 18-20. May 16/31, 1973

087813 20.5 N86
Effect of time of mowing on hay yields & quality. (Pol) Lisak, A *Nowe Roln* 22 (10): 20-22. May 16/31, 1973

087814 100 OH3S (3)
Correcting manganese deficiency in soybeans. Kroetz, M E *Ohio Rep Res Develop Agr Home Econ Natur Resour* 58 (3): 70-71. May/June 1973

087815 100 OH3S (3)
Absorption & uptake of cadmium by plants. [Soybeans, wheat]. Haghiri, F *Ohio Rep Res Develop Agr Home Econ Natur Resour* 58 (3): 72-74. May/June 1973

087816 107.6 OH1
Biosynthesis of riboflavin glycosides by plant grains. Suzuki, Y *Okayama Univ Ohara Inst Landwirt Biol Ber* 15 (4): 187-194. Ref. Mar 1973

087817 450 P5622
Sucrose transport at tonoplast. [Corn]. Humphreys, T E *Phytochemistry* 12 (6): 1211-1219. Ref. June 1973

087818 450 P5622
Changes in isoenzymes in embryo & endosperm of normal & opague-2 Zea mays during imbibition. [Corn]. Kadam, S S *Phytochemistry* 12 (6): 1221-1225. Ref. June 1973

087819 450 P5622
Alpha-amylase inhibitors in Triticum aestivum: purification & physical-chemical properties. [Wheat]. Saunders, R M *Phytochemistry* 12 (6): 1237-1241. Ref. June 1973

087820 450 P5622
Alpha-isoamylases of rye seeds. [Wheat, barley.]. Wagenaar, S *Phytochemistry* 12 (6): 1243-1247. Ref. June 1973

087821 450 P5622
Purification & partial characterization of citrate synthase from Phaseolus vulgaris mitochondria. [Kidney beans]. Greenblatt, G A *Phytochemistry* 12 (6): 1249-1254. Ref. June 1973

087822 450 P5622
Scopoletin: a substrate for an isoperoxidase from Nicotiana tabacum tissue culture W-38. [tobacco]. Reigh, D L *Phytochemistry* 12 (6): 1265-1268. Ref. June 1973

087823 450 P5622
Gibberellin estimation & biosynthesis in germinating Hordeum distichon. [Barley]. Murphy, G J P *Phytochemistry* 12 (6): 1299-1308. Ref. June 1973

087824 450 P5622
Chemical composition of cell walls of Lolium multiflorum endosperm. Smith, M M *Phytochemistry* 12 (6): 1361-1367. Ref. June 1973

087825 450 P5622
And arabinogalacto(4-0-methylglucurono)xylan from leaves of Hordeum vulgare. [Barley]. Bauchala, A J *Phytochemistry* 12 (6): 1373-1376. Ref. June 1973

087826 450 P5622
Agarose gel filtration of Triticum vulgare proteins in dissociating solvents. [Wheat]. Redman, D G *Phytochemistry* 12 (6): 1383-1389. Ref. June 1973

087827 450 P5622
Effect of benzimidazole & nickel ions in control of Oryza sativa leaf senescence by red & far-red light. [Rice]. Mishra, D *Phytochemistry* 12 (7): 1521-1522. Ref. July 1973

087828 450 P5622
Enzymes of starch & sucrose metabolism in Zea mays leaves. [Corn]. Downton, W J S *Phytochemistry* 12 (7): 1551-1556. Ref. July 1973

087829 450 P5622
Characterization of isoperoxidase activity in Arachis hypogaea cultivars. [Peanuts]. Cherry, J P *Phytochemistry* 12 (7): 1581-1583. Ref. July 1973

087830 450 P5622
Interaction between proteins & glucosinolate isothiocyanates & oxazolidinethiones from Brassica napus seed. [Rape]. Bjorkman, R *Phytochemistry* 12 (7): 1585-1590. Ref. July 1973

087831 450 P5622
Biosynthesis of 3,4-dihydroxyphenylalanine in Vicia faba. [Broadbeans. Griffith, T *Phytochemistry* 12 (7): 1651-1656. Ref. July 1973

087832 450 P5622
New sterols in Helianthus annuus. [Sunflowers]. (Ger) Homberg, E E *Phytochemistry* 12 (7): 1767-1773. July 1973

087833 450 P692
Multiple forms of acidic endopeptidase from germinated barley. Burger, W C *Plant Physiol* 51 (6): 1015-1021. Ref. June 1973

087834 450 P692
On nature of physiological responses of Avena stem segments to gibberellic acid treatment. Montague, M J *Plant Physiol* 51 (6): 1026-1032. Ref. June 1973

087835 450 P692
Influence of phenolic acids on ion uptake. I. Inhibition of phosphate uptake. Glass, A D M *Plant Physiol* 51 (6): 1037-1041. Ref. June 1973

087836 450 P692
Evidence for lack of turnover of ribulose 1,5-diphosphate carboxylase in barley leaves. Peterson, L W *Plant Physiol* 51 (6): 1042-1045. Ref. June 1973

087837 450 P692
Enzymatic fractionation of carbon isotyopes by phosphoenolpyruvate carboxylase from C4 [Carbon] plants. [Sorghum]. Whelan, T *Plant Physiol* 51 (6): 1051-1054. Ref. June 1973

087838 450 P692
Effect of low levels of calcium on exudation of sugars & sugar derivatives from intact peanut roots under axenic conditions. Shay, F J *Plant Physiol* 51 (6): 1061-1063. Ref. June 1973

087839 450 P692
Light-induced ethylene production in sorghum. Craker, L E *Plant Physiol* 51 (6): 1082-1083. Ref. June 1973

087840 450 P692
Effects of potassium deficiency on photosynthesis & respriation of leaves of sugar beet under conditions of low sodium supply. Terry, N *Plant Physiol* 51 (6): 1099-1101. Ref. June 1973

087841 450 P692
Effects of gibberellic acid & sucrose on growth of oat (Avena) stem segments. Adams, P A *Plant Physiol* 51 (6): 1102-1108. Ref. June 1973

087842 450 P692
Development of photochemical activity & appearance of high potential form of cytochrome b-559 in greening barley seedlings. Henningsen, K W *Plant Physiol* 51 (6): 1117-1126. Ref. June 1973

087843 450 P692
Effects of water stress on indoleacetic acid oxidase activity in wheat leaves. Mills, V M *Plant Physiol* 51 (6): 1145-1146. Ref. June 1973

087844 450 P692
Substrate activation of beta-(13) glucan synthetase & its effect on structure of beta-glucan obtained from UDP [urioine diphosphate]-3-glucose & particulate enzyme of oat coleoptiles. [Urioine diphosphate]. Tsai, C M *Plant Physiol* 51 (6): 998-1001. Ref. June 1973

087845 450 P692
Abscission; support for a role of ethylene modification of auxin transport. [Cotton]. Beyer, E M *Plant Physiol* 52 (1): 1-5. Ref. July 1973

087846 450 P692
An arginyl-transfer ribonucleic acid protein transferase from cereal embryos. [Wheat, rice]. Manahan, C O *Plant Physiol* 52 (1): 13-16. Ref. July 1973

087847 450 P692
Metabolism of separated leaf cells. III. Effects of calcium & ammonium on product distribution during photosynthesis with cotton cells. Reheeld, D W *Plant Physiol* 52 (1): 17-22. Ref. July 1973

087848 450 P692
Effect on net photosynthesis of pedigree selection for low & high rates of photorespiration in tobacco. [Breeding]. Zelitch, I *Plant Physiol* 52 (1): 33-37. Ref. July 1973

087849 450 P692
Comparative studies on tobacco pith & sweet potato root isoperoxidases in relation to injury, indoleacetic acid, & ethylene effects. Birecka, H *Plant Physiol* 52 (1): 43-49. Ref. July 1973

087850 450 P692
Circular dichroism spectra of granal & agranal chloroplasts of maize. Faludi-Daniel, A *Plant Physiol* 52 (1): 54-56. Ref. July 1973

087851 450 P692
Characterization of plasma membrane-associated adenosine thiphosphatase activity of oat roots. Leonard, R T *Plant Physiol* 52 (1): 6-12. Ref. July 1973

087852 450 P692
Some aspects of regulation of arginine biosynthesis in soybean cell cultures. Shargool, P D *Plant Physiol* 52 (1): 68-71. Ref. July 1973

087853 QK1.P5
An evaluation of different staining methods for soluble leaf protein patterns on polyacrylamide gels: with special reference to proteins from virus-infected tobacco plants. Loon, L C van *Plant Sci Lett* 1 (7): 265-273 ref. July 1973

087854 QK1.P5
Ion uptake by slices from greening etiolated barley & maize leaves. Luttge, U *Plant Sci Lett* 1 (7): 275-280. Ref. Jul 1973

087855 450 P696
Influence of soil water conditions on growth & root porosity of rice. Pradhan, S K *Plant Soil* 38 (3): 501-507. June 1973

087856 450 P696
Temperature & sulphur nutrition effects on C02 [carbon dioxide]assimilation rates of barley, peas & rape. Herath, H M W *Plant Soil* 38 (3): 525-530. Ref. June 1973

087857 450 P696
Zinc-copper antagonism in nutrition of rice (Oryza sativa L.). Chaudhry, F M *Plant Soil* 38 (3): 573-580. Ref. June 1973

087858 450 P696
Ethylene & germination & early growth of barley. Cornforth, I S *Plant Soil* 38 (3): 581-587. June 1973

087859 450 P696
Lead uptake from soils by perennial ryegrass & its relation to supply of an essential element (sulphur). [Lolium, Great Britain]. Jones, L H P *Plant Soil* 38 (3): 605-619. Ref. June 1973

087860 450 P696
Role of IAA [indoleacetic-acid] on mineral composition of maize (Zea mays) crop under various osmotic stressed conditions. Darra, B L *Plant Soil* 38 (3): 657-661. Ref. June 1973

087861 450 P696
Effect of temperature on potassium & calcium transport from within root to xylem exudate of tobacco. Wallace, A *Plant Soil* 38 (3): 687-691. June 1973

087862 450 P693
Separate auxinand cation-dependent mechanisms for glutamate utilization by normal & crown-gall teratoma cells of tobacco in culture. Meins, F *Planta* 112 (1): 57-64. Ref. 1973

087863 21 R862
Relation between precipitations, nitrogen dose, application time, yield & quality in corn under conditions of Romania. (Rum) Isfan, D *Probl Agr (bucharest)* 25 (2): 5-14. Eng. Sum. Feb 1973

087864 TA5.I5
Interaction of shock waves with plant roots. [Corn, wheat, pea]. Murray, S A *Proc Annu Tech Meet Inst Environ Sci* 19Th: 228-230. Ref. 1973

087865 424.8 P954
Height of nectar column in corolla tube of red clover & quantity of nectar & its sugar content. (Pol) Jablonski, B *Pszczelnicze Zeszyty Nauk* 16: 125-131. Eng. Sum. Nov 1972

087866 424.8 P954
Nectar secretion of red clover (Trifolium pratense L.) in some locations of Poland. (Pol) Jablonski, B *Pszczelnicze Zeszyty Nauk* 16: 91-123. Eng. Sum. Nov 1972

087867 100 N27N
Shelterbelts protect plant moisture. [Field crops]. Miller, D R *Q Serv Farm Ranch & Home Univ Nebr, Coll Agric* 22 (2): 17-18. Summer 1973

087868 S15.E892
Storage of maize seeds in dessicator with silica gel & in dry chamber & its effect on viability of maize seeds. (Por) Kashiwakura, Y *Relat Cient Univ Sao Paulo Esc Super Agric Luiz de Queiroz Dep Genet Inst Genet* 6: 38-48. Eng. Sum. 1972

087869 S15.E892
Comparative analysis of American & African molasses grass (Melinis minutiflora Beauv.) i. Percentage of purity, percentage of germination & cultural value. (Por) Oliveira, E M P de *Relat Cient Univ Sao Paulo Esc Super Agric Luiz de Queiroz Dep Genet Inst Genet* 6: 74-76. Eng. Sum. 1972

087870 S15.E892
Relationship between germ size evaluated visually & oil content in maize. (Por) Paterniani, E *Relat Cient Univ Sao Paulo Esc Super Agric Luiz de Queiroz Dep Genet Inst Genet* 6: 86-90. Eng. Sum. 1972

087871 QE901.R4
Anthesis & pollen dispersal of Holcus lanatus L. & Festuca rubra L. in relation to climate factors. Liem, A S N *Rev Palaeobot Palynol* 15 (1): 3-16. Ref. Mar 1973

087872 QD415.A1R4
Immunochemical investigations on germinated seeds endosperms alpha-amylase of some cereals. Alexandrescu, V *Rev Roum Biochim* 10 (2): 89-104. Ref. 1973

087873 20.5 R59 SER. A
Effect of liming & of magesium, boron, copper, & molycobernum fertilization on quantity & quality of summer barley & red clover yields. (Pol) Zielinska, A *Rocz Nauk Roln Ser A Rosl* 98 (2): 85-101. Ref. Eng. Sum. 1973

087874 20.5 R59 SER. C
Influence of atmospheric factors on process of drying grain. [Harvesting date]. (Pol) Orzechowski, J *Rocz Nauk Roln Ser C Mech Roln* 69 (3): 27-40. Ref. Eng. Sum. 1972

087875 64.9 C33
Effect of fertilization with different kinds of phosphoric compounds on content of nitrogen & free amino acids in leaves of soya. (Cze) Reichlova, E *Rostlinna Vyroba* 19 (2): 147-152. Ref. Eng. Sum. Feb 1973

087876 64.9 C33
Dependence of regeneration capacity of winter wheat on stages of growth of plants. (Cze) Segeta, V *Rostlinna Vyroba* 19 (2): 153-157. Ref. Eng. Sum. Feb 1973

087877 64.9 C33
Effect of some habitat conditions on nutrient concentration in above ground substance of oats in course of vegetation. (Cze) Hrdlicka, J *Rostlinna Vyroba* 19 (2): 177-190. Eng. Sum. Feb 1973

087878 64.9 C33
Effect of CCC [(2-chloroethyl) trimethylammonium chloride] spraying on seed value of wheat. (Cze) Foral, A *Rostlinna Vyroba* 19 (2): 191-198. Eng. Sum. Feb 1973

087879 501 L84B
An analysis of mitotic cell cycle in root meristem of Zea mays. [Corn]. Barlow, P W *Roy Soc London Proc Ser B Biol Sci* 183 (1073): 385-398. Ref. July 3, 1973

087880 21 P75
Influence of flag leaf area, number & size of stomata on some yield components in wheat. (Cro) Jost, M *Savremena Poljoprivreda* 20 (10): 5-7. Ref. Eng. Sum. 1972

087881 21 P75
Effect of different amount & ratios of nitrogen, phosphorus & potassium on maize yields. (Cro) Saric, M *Savremena Poljoprivreda* 20 (11/12): 19-30. Ref. Eng. Sum. 1972

087882 21 P75
Growth & free amino acids of maize seedlings as affected by presowing heat treatments. Reda, F A *Savremena Poljoprivreda* 20 (11/12): 49-54. Ref. 1972

087883 464.8 SB5
Effect of mixture of nitrogen & neburon on emerging winter wheat plants in glasshouse. [Herbicides]. (Cze) Mydlilova, E *Sb Uvti (Ustav Vedeckotech Inform) Ochrana Rostlin* 9 (1): 7-14. Eng. Sum. Feb 1973

087884 S13.S55
Biological properties of Novosibirskaia-67, a new mutation variety of spring wheat. (Rus) Chernyi, I V *Sib Vestn S-kh Nauk* 2: 94-101. Ref. Mar/Apr 1973

087885 S592.7.A1S6
Survival of field-grown Rhizobia over dry summer period in Western Australia. [Root nodule bacteria]. Chatel, D L *Soil Biol & Biochem* 5 (4): 415-423. Ref. July 1973

087886 S592.7.A1S6
Colonization of host-root & soil by Rhizobia. I. Species & strain differences in field. [Root nodule bacteria]. Chatel, D L *Soil Biol & Biochem* 5 (4): 425-432. Ref. July 1973

087887 S592.7.A1S6
Colonization of host-root & soil by Rhizobia. II. Strain differences in species Rhizobium trifolii. [Subterranean clover]. Chatel, D L *Soil Biol & Biochem* 5 (4): 433-440. Ref. July 1973

087888 56.8 SO3
Uptake of lead by alfalfa & corn from soil & air. Lagerwerff, J V *Soil Sci* 115 (6): 455-460. Ref. June 1973

087889 409.6 SO8
A model for phosphorus & potassium flux in a tall-grass prairie. Sheedy, J D *Southwest Natur* 18 (2): 135-149. Ref. June 29, 1973

087890 309 ST22
Studies on biosynthesis of starch granules. 5. Properties of starch components of normal barley, & barley with starch of high amylose-content, during growth. Banks, W *Starke* 25 (5): 153-157. Ref. May 1973

087891 HD9130.1.T6
A thin-layer chromatographic method for tobacco lipid analysis. Woolen, B H *Tob Sci* 16: 101-103. Ref. 1972

087892 HD9130.1.T6
Sampling & storage technique for determination of chlorophyll content using green punch samples. [Tobacco]. Main, C E *Tob Sci* 16: 105-106. 1972

087893 HD9130.1.T6
Radiochemical analysis of phosphine residues in fumigated tobaccos. [Lasioderma serricorne, storage pest control]. Underwood, J G *Tob Sci* 16: 123-126. Ref. 1972

087894 HD9130.1.T6
Chemical composition of leaf lamina & midrib portions of burley tobacco during latter stages of growth & curing. Bowman, D R *Tob Sci* 16: 6-8. Ref. 1972

087895 HD9130.1.T6
Determination of organic acids in tobacco. Palmer, A M *Tob Sci* 16: 83. 1972

087896 HD9130.1.T6
Studies on removal of glucose from scopolin in tobacco seedlings. Innerarity, L T *Tob Sci* 16: 86-87. 1972

087897 HD9130.1.T6
Application time during day influences chemical sucker control. [Tobacco]. Seltmann, H *Tob Sci* 16: 88. 1972

087898 286.89 T552
Influence of herbicides on Burley tobacco leaf chemistry. Long, J W *Tobacco (new York)* 175 (14): 29-30, 32. Ref. July 6, 1973

087899 334.9 C43
Crop diagnostic study & its application: Vernalization in winter wheat caused by protease. Tomita, T *Tokyo Nat Inst Agr Sci Bull Ser A (phys Statist)* 20: 1-16. Ref. Mar 1973

087900 334.9 C43
A study on control system of paddy-rice-growth by multiple regression techniques. (Jap) Hirosaki, S *Tokyo Nat Inst Agr Sci Bull Ser A (phys Statist)* 20: 17-60. Ref. Eng. Sum. Mar 1973

087901 56.9 C432
Cadmium uptake by rice plant & wheat as affected by application of phosphate & several metal elements. (Jap) Kashino, M *Tokyo Nat Inst Agr Sci Bull Ser B (soils & Fert)* 24: 1-51. Ref. Eng. Sum. Mar 1973

087902 451 C433
Interrelationship between morphological & physiological characteristics of roots & shoots of rice plants. (Jap) Lee, J H *Tokyo Nat Inst Agr Sci Bull Ser D* 24: 61-105. Ref. Eng. Sum. Mar 1973

087903 SB197.A1T7
Productivity of Eragrostis eriopoda in a mulga community. [Acacia aneura, Australia]. Ross, M A *Trop Grasslands* 7 (1): 111-116. Mar 1973

087904 SB197.A1T7
Growth & reaction to grazing in Danthonia bipartita & Neurachne mitchelliana. [Australia]. Wilcox, D G *Trop Grasslands* 7 (1): 117-120. Mar 1973

087905 SB197.A1T7
Influence of rainfall on nutritive value of a semi-arid mulga pasture in south-west queensland. [Beef cattle]. Newman, D M R *Trop Grasslands* 7 (1): 143-147. Mar 1973

087906 SB197.A1T7
Leaf & shoot growth on Acacia kempeana F. Muell. & selected other arid-zone species. [Australia, Browse plants]. Maconochie, J R *Trop Grasslands* 7 (1): 49-55. Mar 1973

087907 SB197.A1T7
Regeneration & spatial patterns of Acacia aneura in south west Queensland Burrows, W H *Trop Grasslands* 7 (1): 57-68. Ref. Mar 1973

087908 SB197.A1T7
Growth & survival of mulga (Acacia aneura F. Muell. ex benth) in western New South Wales. Cunningham, G M *Trop Grasslands* 7 (1): 69-77. Mar 1973

087909 SB197.A1T7
Mulga: a bioclimatic analysis. [Acacia aneura, Australia]. Nix, H A *Trop Grasslands* 7 (1): 9-21. Maps. Ref. Mar 1973

087910 442.8 UZ1
Comparative investigation of structure of desoxyribonucleic acid of certain cotton varieties. (Rus) Aripdzhanov, Sh A *Uz Biol Zhur* 1: 45-46. 1973

087911 20 AK1
Some biochemical features of basic forms with mutations of Opaque-2 & Floury-2, used in breeding for protein quality. [Corn]. (Rus) Domashnev, P P *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 5: 11-13. May 1973

087912 18 J825
Effect of chloromequat chloride (CCC) on growth, yield & fibre properties of cotton plants grown under various conditions of soil moisture. El-Saidi, M T *Z Acker& Pflanz* 137 (1): 35-45. Ref. Mar 1973

087913 450 Z32
ATP [adenosine-5'-triphosphate] stimulates formation of nucleases in excised Avena leaves. Udvardy, J *Z Pflanzenphysiol* 69 (5): 394-401. Ref. 1973

087914 450 Z32
Incorporation of chlorcholinchloride into phospholipids of wheat. (Ger) Seibel, W *Z Pflanzenphysiol* 69 (5): 418-422. Eng. Sum. 1973

087915 58.9 C333
Examination of agrophysical properties of rape. (Cze) Reznicek, R *Zemed Tech* 19 (2): 87-92. Eng. Sum. Feb 1973

087916 49 Z6
Estrogene activity in grass of cultivated, irrigated, fertilized pastures. (Rus) Golovin, B V *Zhivotnovodstvo* 5: 85-88. May 1973

PHYSIOLOGY AND BIOCHEMISTRY OF HORTICULTURAL CROPS

087917 505 P21 (3)
Experimental analysis in culture in vitro of 'vernalization need' in Cichorium intybus L. [Chicory]. (Fre) Margara, J *Acad Sci (paris) C R Ser D* 276 (16): 2373-2376. Apr 16, 1973

087918 505 P21 (3)
Action of Agrobacterium tumefaciens on the tuberisation of stem fragments of potato cultivated in vitro. (Fre) Parrot, F *Acad Sci (paris) C R Ser D* 276 (16): 2377-2380. Ref. Apr 16, 1973

087919 505 P21 (3)
Effects of brief applications of cold on tuberization of stem fragments of potatoes cultivated in vitro. (Fre) Blanc, A *Acad Sci (paris) C R Ser D* 276 (19): 2665-2667. Ref. May 9, 1973

087920 442.8 AC86
Formation of auxin-macromolecule complexes in plant organs of various ages. [Beans]. Koves, E *Acta Biol (Szeged)* (New Ser.) 18 (1/4): 117-120. Ref. 1972

087921 442.8 AC86
Light-induced transformations of pigments. I. Transformations of carotenoids under aerobic & anaerobic conditions. [Nomea lutea, radishes, spinach]. Maroti, I *Acta Biol (Szeged)* (New Ser.) 18 (1/4): 71-80. Ref. 1972

087922 80 AC82
Some pollination problems in mango. Singh, R N *Acta Hort* 24: 134-138. Mar 1972

087923 80 AC82
Studies on induction of axillary flowering in Mangifera indica L. [Mangoes]. Sen, P K *Acta Hort* 24: 185-188. Mar 1972

087924 S19.A32
Effect of extended day length & supplementary illumination on chrysanthemum. [Indicum]. Shanmugam, A *Agric Agro-ind J* 6 (4): 23-24. Apr 1973

087925 22.5 N682
Studies on fruiting of fruit trees. 2. [Apple, peach, pear]. (Jap) Nakagawa, S *Agric Hortic* 48 (5): 115-121. May 1973

087926 22.5 N682
Effect of heavy application of phosphoric acid to juvenile citrus tree on storability of its fruit. (Jap) Watanabe, J *Agric Hortic* 48 (5): 95-96. May 1973

087927 22.5 N682
Studies on effect of light on growth & flowering in ornamental plants. 1. (Jap) Kashiwagi, I *Agric Hortic* 48 (5): 99-101. May 1973

087928 24 AL2
A study on iron content in leaves & roots of Sultani & Pyrgos fig varieties grown in two different soil types. Taha, M W *Alexandria J Agr Res* 20 (1): 115-121. Ref. June 1972

087929 24 AL2
Salt tolerance of grape, guava & olive plants. Taha, M W *Alexandria J Agr Res* 20 (1): 123-124. Ref. June 1972

087930 80 AM329
Floral physiology of Angraecum i. Inheritance of post-pollination phenomena. Strauss, M S *Amer Orchid Soc Bull* 42 (6): 495-502. Ref. June 1973

087931 75.8 P842
Cell wall thickness during growth of domestic & foreign potato cultivars. Reeve, R M *Amer Potato J* 50 (6): 204-211. Ref. June 1973

087932 81 SO12
Endogenous plant growth substances in developing fruit of Prunus cerasus L. II. Levels of extractable para coumaric acid in pericarp. [Sour cherry]. Rudnicki, R *Amer Soc Hort Sci J* 98 (3): 225-229. Ref. May 1973

087933 81 SO12
Effect of hydrogen fluoride on pollen germination & pollen tube growth in Prunus avium L. cv. 'Royal Ann'. [Sweet cherry]. Facteau, T J *Amer Soc Hort Sci J* 98 (3): 234-236. Ref. May 1973

087934 81 SO12
Influence of (2-chloroethyl)phosphonic acid on growth & abscission of young apple tree leaves. Dozier, W A *Amer Soc Hort Sci J* 98 (3): 239-243. Ref. May 1973

087935 81 SO12
Shoot growth of young apple trees as influenced by (2-chloroethyl)phosphonic acid. Dozier, W A *Amer Soc Hort Sci J* 98 (3): 244-247. Ref. May 1973

087936 81 SO12
Identification of maximum sensitivity of developing apple fruits to naphthaleneacetic acid. Leuty, S J *Amer Soc Hort Sci J* 98 (3): 247-252. Ref. May 1973

087937 81 SO12
Cold acclimation in 'Red Delicious' apple trees under natural conditions during four winters. Ketchie, D O *Amer Soc Hort Sci J* 98 (3): 257-261. Ref. May 1973

087938 81 SO12
Effects of iron salts & other looseners on fruit abscission of various citrus cultivars. [Harvesting aid]. Ben-Yehoshua, S *Amer Soc Hort Sci J* 98 (3): 265-269. Ref. May 1973

087939 81 SO12
Effect of 2,3,5-triiodobenzoic acid on bitter pit & calcium accumulation in 'Northern Spy' apples. Oberly, G H *Amer Soc Hort Sci J* 98 (3): 269-271. Ref. May 1973

087940 81 SO12
Translocation of 14C[carbon]-indoleacetic acid & 14C-sucrose in excised apple pedicels. Schneider, G W *Amer Soc Hort Sci J* 98 (3): 278-281. Ref. May 1973

087941 81 SO12
Aggregate effects of nutrients & gibberellic acid on 'Valencia' orange crop value. Embleton, T W *Amer Soc Hort Sci J* 98 (3): 281-285. Ref. May 1973

087942 81 SO12
Effect of high temperature on pollen tube growth of snake melon & cucumber. Matlob, A N *Amer Soc Hort Sci J* 98 (3): 296-300. May 1973

087943 81 SO12
Flowering of azaleas with controlled photoperiods & gibberellic acid. Brown, W L *Amer Soc Hort Sci J* 98 (3): 300-303. May 1973

087944 81 SO12
Reducing water loss of potted Chrysanthemums with pre-sale application of antitranspirants. Martin, J D *Amer Soc Hort Sci J* 98 (3): 303-306. Ref. May 1973

087945 34.2 AN4
Effect of Nemagon on seeds & seedlings of certain vegetable crops. Vijaya, N *Andhra Agr J* 18 (3/4): 116-121. May-/Aug 1971 (Pub. 1973)

087946 34.2 AN4
Leaf sampling techniques in arecanut palm for nutrient analysis. Yadava, R B R *Andhra Agr J* 18 (3/4): 149-152. Ref. May/Aug 1971 (Pub. 1973)

087947 34.2 AN4
Fruitfulness of grapevine buds – a review. Balasubrahmanyam, V R *Andhra Agr J* 18 (3/4): 98-110. Ref. May/Aug 1971 (Pub. 1973)

087948 381 AR2
Biosynthesis of secondary alcohols and ketones from alkanes. Kolattukudy, P E *Arch Biochem Biophys* 156 (2): 613-620. Ref. June 1973

087949 381 AR2
On hydrogen-ion concentration dependence of light-induced hydrogen ion gradient in spinach chloroplasts. Portis, A R *Arch Biochem Biophys* 156 (2): 621-625. Ref. June 1973

087950 381 AR2
Thermal uncoupling in chloroplasts. Inhibition of photophosphorylation without depression of light-induced pH [hydrogen-ion concentration] change. [Spinach]. Emmett, J M *Arch Biochem Biophys* 157 (1): 106-113. Ref. July 1973

087951 80 AR2
Effect of different radiation intensities & water doses on vegetative & generative development of apple trees grown in large pots under climatic conditions of Dresden-Pillnitz. II. Preliminary results on gro (Ger) Streitberg, H *Arch Gartenbau* 21 (3): 187-221. Ref. Eng. Sum. 1973

087952 61.9 AS7
Seedling vigor & adenosine triphosphate level of lettuce seeds. Ching, T M *Ass Off Seed Anal Proc* 62: 116-124. Ref. 1972

087953 442.8 AU72
Effect of night temperature on assimilation of carbon dioxide by mature pineapple plants, Annas comosus (L.) Merr. Neales, T F *Australian J Biol Sci* 26 (3): 539-546. Ref. June 1973

087954 442.8 AU72
Flowering in Pisum. effect of cotyledon removal on genotypes lf E Sn hr & lf e Sn hr. [Peas]. Murfet, I C *Australian J Biol Sci* 26 (3): 669-673. Ref. June 1973

087955 442.8 AU72
Flowering in Pisum: evidence that gene Sn controls a graft-transmissible inhibitor. [Peas]. Murfet, I C *Australian J Biol Sci* 26 (3): 675-677. Ref. June 1973

087956 442.8 AU72
Effect of temperature on carbohydrate metabolism of potato tubers. Walsh, P J *Australian J Biol Sci* 26 (3): 685-688. Ref. June 1973

087957 23 AU792
Role of honeybees in pollination of cherries. [Apis mellifera]. Langridge, D F *Australian J Exp Agr Anim Husb* 13 (61): 193-195. Apr 1973

087958 23 AU792
Effect of gibberellic acid on rind quality & storage of coastal navel oranges. Bevington, K B *Australian J Exp Agr Anim Husb* 13 (61): 196-199. Apr 1973

087959 442.8 B5236
Occurrence of D-amino acid aminotransferase in pea seedlings. Ogawa, T *Biochem Biophys Res Commun* 52 (3): 998-1002. Ref. June 8, 1973

087960 442.8 B5236
Elongation of medium chain trienoic acids to alpha-linolenic acid by a spinach chloroplast stroma system. Jacobson, B S *Biochem Biophys Res Commun* 52 (4): 1190-1198. June 19, 1973

087961 442.8 B5236
14 c [carbon] incorporation from exogenous compounds into delta-aminolevulinic acid by greening cucumber cotyledons. Beale, S I *Biochem Biophys Res Commun* 53 (1): 143-149, Following P. 366. Ref. July 2, 1973

087962 442.8 B5236
Plant ribosome-bound proteins: a fraction from leaves that dissociates bean ribosomes. [Kidney beans]. Williams, G R *Biochem Biophys Res Commun* 53 (1): 52-58. July 2, 1973

087963 382 B52
Formation of a beta-(1-4)-D-galactan chain catalysed by a Phaseolus aureus enzyme. [Mung beans]. Panayotatos, N *Biochem J* 133 (2): 263-271. Ref. June 1973

087964 382 B52
Mevalonate kinase in green leaves & etiolated cotyledons of French bean Phaseolus vulgaris. Gray, J C *Biochem J* 133 (2): 335-347. Ref. June 1973

087965 382 B52
Adenosine diphosphate sulphurylase activity in leaf tissue. [Spinach]. Burnell, J N *Biochem J* 133 (3): 417-428. Ref. July 1973

087966 382 B52
Adenosine 5'-sulphatophosphate kinase activity in spinach leaf tissue. Burnell, J N *Biochem J* 134 (2): 565-579. Ref. June 1973

087967 382 B52
Some aspects of carnitine metabolism in avocado (Persea americana). Panter, R A *Biochem J* 134 (2): 655-658. Ref. June 1973

087968 382 B52
Site of inhibition by 2-amino-1,1,3-tricyanopropene of photosynthetic oxygen evolution by spinach leaf chloroplasts. Burden, E M *Biochem J* 134 (2): 663-665. Ref. June 1973

087969 QK710.F5
Morphogenetic, histochemical & ultrastructural effects of plant growth substances in vitro. [tomatoes]. Vasil, I K *Biochem Physiol Pflanzen (bpp)* 164 (1): 58-71. Ref. 1973

087970 381 B523
Characterization of rapidly reassociating deoxyribonucleic acid of Cucurbita pepo L. & sequences complementary to ribosomal & transfer ribonucleic acids. [Pumpkins]. Thornburg, W *Biochemistry* 12 (14): 2759-2765. Ref. July 3, 1973

087971 381 B522
Light-independent induction of enzymes related to phenylpropanoid metabolism in cell suspension cultures from parsley. Hahlbrock, K *Biochim Biophys Acta* 304 (3): 702-706. Ref. May 28, 1973

087972 381 B522
Fluorescence lifetime & energy migration mechanism in photosystem I of plants. [Peas]. Borisov, A Y *Biochim Biophys Acta* 305 (2): 364-371. Ref. May 30, 1973

087973 381 B522
RNA metabolism during development of cotyledons of Pisum sativum L. [Pear]. Poulson, R *Biochim Biophys Acta* 308 (3): 381-389. Ref. May 18, 1973

087974 381 B522
An allosteric alpha-glucan phosphorylase from banana fruits. Singh, S *Biochim Biophys Acta* 309 (2): 280-288. Ref. June 6, 1973

087975 381 B522
UDP [uridine diphosphate]-glucose: flavonol 3-o-glucosyltransferase from cell suspension cultures of parsley. Sutter, A *Biochim Biophys Acta* 309 (2): 289-295. Ref. June 6, 1973

087976 381 B522
Sugar nucleotide inhibition of UDP [uridine diphoshate]-glucose pyrophosphorylase from calf liver. [rlilium longiflorum]. Hopper, J E *Biochim Biophys Acta* 309 (2): 307-317. Ref. June 6, 1973

087977 381 B522
Glucose-6-phosphatase activity in a soluble fraction from cotyledon tissue of Brassica nigra. Lau, E P *Biochim Biophys Acta* 309 (2): 318-327. Ref. June 6, 1973

087978 381 B522
Two forms of polygalacturonase in tomatoes. Pressey, R *Biochim Biophys Acta* 309 (2): 363-369. June 6, 1973

087979 450 B52
A new method of sap flow rate determination in trees. [Hazzard cherries]. Cermak, J *Biol Plant* 15 (3): 171-178. Ref. 1973

087980 450 B52
Photosynthesis & distribution of photosynthates in apple shoots treated by pinching & bark ringing. Mika, A *Biol Plant* 15 (3): 202-207. Ref. 1973

087981 450 B52
Effect of acute gamma irradiation on initiation & maturation of vascular tissues in stems of Capsicum annuum L. [Bush redpepper]. Iqbal, J *Biol Plant* 15 (3): 208-216. Ref. 1973

087982 450 B52
Effect of gibberellin on production of ethylene & on respiration rate in yellow transparent apples. Becka, J *Biol Plant* 15 (3): 217-222. Ref. 1973

087983 450 B52
Distribution of copper & iron in heterotrophic phase of development & growth of Vicia faba L. [Broadbeans]. Pichl, I *Biol Plant* 15 (3): 229-232. Ref. 1973

087984 450 B52
Changes in minimal diffusive resistances of leaf epidermes during ageing of primary leaves of Phaseolus vulgaris L. [Kidney beans]. Solarova, J *Biol Plant* 15 (3): 237-240. 1973

087985 442.8 B523
Frequency-dependent system behaviour in Phaseolus coccineus. [Scarlet runner beans]. (Ger) Throm, G *Biol Zentralbl* 92 (2): 193-209. Ref. Eng. Sum. Mar/Apr 1973

087986 450 B652
Influence of light intensity on internodal response of intact bean plants to brassins. Krizek, D T *Bot Gaz* 134 (2): 147-150. Ref. June 1973

087987 390.8 B872
Studies on leaf oils of Citrus species. VI. Composition of leaf oils from ten citrus taxa & some intrageneric hybrids. Kamiyama, S *Bull Brewing Sci* 18: 17-27. 1972

087988 80 B54
Tasks & results of studies on metabolism of carbohydrate nitrogen in vegetables. (Pol) Gohler, F *Byul Warzywniczy* (Suppl. 13): 49-64. Eng. Sum. 1972 (Pub. 1973)

087989 80 B54
Phytotrone in experimentation & horticultural practice. (Pol) Fankiewicz, S L *Byul Warzywniczy* (Suppl. 13): 77-82. Eng. Sum. 1972 (Pub. 1973)

087990 80 B54
Tasks & results of studies on metabolism of carbohydrate nitrogen. [Vegetables]. (Pol) Gohler, F *Byul Warzywniczy* 13 (Suppl.): 49-64. Eng. Sum. 1972 (Pub. 1973)

087991 80 B54
Phytotron in horticultural experimentation & practice. (Pol) Jankiewicz, L S *Byul Warzywniczy* 13 (Suppl.): 77-82. Eng. Sum. 1972 (Pub. 1973)

087992 14 P215BC
Study of effects of water excess on plants: Example of tomato. (Fre) Duthion, C *C R Seances Acad Agric Fr* 58 (17): 1461-1468. 1972

087993 14 P215BC
Absorption & iron displacement in young peach & almond tree plants & their hybrids. [Prunus amygdalus]. (Fre) Bindra, A S *C R Seances Acad Agric Fr* 58 (18): 1513-1519. Dec 20, 1972

087994 14 P215BC
Study of iron deficiency in peach, almond tree & almond x peach hybrid for different grafting combinations. [Prunus amygdalus]. (Fre) Bernhar, R *C R Seances Acad Agric Fr* 58 (18): 1520-1529. Dec 20, 1972

087995 100 C12CAG
Vigor vs. germination in lettuce seeds under adverse storage conditions. Welch, N C *Calif Agr* 27 (4): 12-14. Apr 1973

087996 470 C16C
Developmental changes in radish caused by brief end-of-day exposures to far-red radiation. Proctor, J T A *Can J Bot* 51 (5): 1075-1077. May 1973

087997 470 C16C
Stimulation of chlorophyll synthesis in cucumber cotyledons by benzyladenine. Fletcher, R A *Can J Bot* 51 (5): 937-939. Ref. May 1973

087998 450 C16
Cold hardiness of Malling clonal apple rootstocks under different conditions of winter soil cover. Wildung, D K *Can J Plant Sci* 53 (2): 323-329. Ref. Apr 1973

087999 450 C16
Forced ruhbarb quality affected by soil moisture levels in forcing shed. Chipman, E W *Can J Plant Sci* 53 (2): 331-333. Apr 1973

088000 450 C16
Some morphological & physiological features of several Red Delicious apple sports. Meheriuk, M *Can J Plant Sci* 53 (2): 335-339. Apr 1973

088001 450 C16
Elongation of red respberries. Adrichem, M C J van *Can J Plant Sci* 53 (2): 349-350. Apr 1973

088002 450 C16
Inhibition of ethylene production in plant tissues by 8-hydroxyquinoline. [Apple]. Parups, E V *Can J Plant Sci* 53 (2): 351-353. Ref. Apr 1973

088003 450 C16
Nitrate accumulation in spinach cultivars & plant introductions. Cantliffe, D J *Can J Plant Sci* 53 (2): 365-367. Ref. Apr 1973

088004 450 C16
A growth-stage key for rape. Berkenkamp, B *Can J Plant Sci* 53 (2): 413. Apr 1973

088005 450 C16
Staining imbedded pollen tubes. [Potato]. Campbell, C G *Can J Plant Sci* 53 (2): 415. Apr 1973

088006 385 C172
Polysaccharides of mango seeds (Mangifera indica, var. Bullock's heart). Amin, E S *Carbohyd Res* 27 (1): 39-46. Ref. Mar 1973

088007 385 C172
A study of polysaccharides of kernel & endocarp of fruit of Doum palm (Hyphaene thebaica). Amin, E S *Carbohyd Res* 27 (2): 447-450. Ref. Apr 1973

088008 QH607.A1C4
DNA amplification in Cumbidium protocorms in vitro, as it relates to cytodifferentiation & hormone treatment. Nagl, W *Cell Differ* 1 (4): 229-237. Ref. Oct 1972

088009 382 C4223
Structure of triterpenoid oxide from Rhododendron macrophyllum. White, J D *Chem Commun* 11: 357-358. 1973

088010 80 C495
Phenological studies of banana plant. Kuhne, F A *Citrus Grow Sub-trop Fruit J* 472: 12-18. Apr 1973

088011 SB4.C6
Biology of apple & pear storage. Fidler, J C *Commonw Bur Hortic Plant Crops Res Rev* 3, 235 P. Ref. 1973

088012 SB4.C6
Orchard & climatic factors. [Apples, pears]. Sharples, R O *Commonw Bur Hortic Plant Crops Res Rev* 3: 173-225. Ref. 1973

088013 64.8 C883
Reduction in carbonic anhydrase activity in zinc deficient leaves of Phaseolus vulgaris L. [Beans]. Edwards, G E *Crop Sci* 13 (3): 351-354. Ref. May/June 1973

088014 475 SCI23
In vitro foliar shoot bud formation in Begonia semperflorens. Thakur, S *Cur Sci* 42 (12): 430-432. June 20, 1973

088015 475 SCI23
Late 'Splitting' in juvenile leaf of Phoenix dactylifera L. Padmanabhan, D *Cur Sci* 42 (13): 470-472. July 1973

088016 475 SCI23
Influence of abscisic acid on endogenous gibberellin level of Phaseolus radiatus, Linn. seedlings. Rajagopal, V *Cur Sci* 42 (13): 475-476. Ref. July 1973

088017 QH573.C83
Effect of cordycepin on fine structure of interphase nucleoli in plant cells. [Onions]. Gimenez-Martin, G *Cytobiologie* 7 (2): 181-192. Ref. May 1973

088018 QH573.C83
Effect of ehtionine on fine structure of bean chloroplasts. Wrischer, M *Cytobiologie* 7 (2): 211-214. Ref. May 1973

088019 104 D41A
Abscisic acid & dormancy of chives (Allium schoenoprasum L.). Tychsen, K *Denmark Vet-landbohojsk Arsskr* 226: 39-48. Ref. 1973

088020 442.8 D49
Isolation, culture & regeneration of Petunia [hybrida] leaf protoplasts. Frearson, E M *Develop Biol* 33 (1): 130-137. Ref. July 1, 1973

088021 24 EA74
Leaf protein content of some Kenya vegetables. Imbamba, S K *East Afr Agr Forest J* 38 (3): 246-251. Jan 1973

088022 103 EA7
Latent potential for growth in apple tree. Dudney, P J *East Malling Res Sta Annu Rep* P. 205-206. 1973

088023 107.6 EH33
Studies on growth & nutrient absorption of citrus trees as affected by soil oxygen concentrations. Iwasaki, I *Ehime Univ Mem Sect Vi Agr* 17 (1): 1-12. Ref. Sept 1972

088024 107.6 EH33
Studies of micrometerology in citrus orchard & energy balance of plant leaf. (Jap) Takechi, O *Ehime Univ Mem Sect Vi Agr* 17 (2): 51-184. Ref. Eng. Sum. Mar 1973

088025 QP501.E8
Subcellular location of superoxide dismutase in spinach leaves & preparation & properties of crystalline spinach superoxide dismutase. Asada, K *European J Biochem* 36 (1): 257-266. Ref. July 2, 1973

088026 442.8 EX7
Inhibition of cell division by blue light. [Lilium, Trillium.]. Ninnemann, H *Exp Cell Res* 79 (2): 318-326. Ref. June 1973

088027 475 EX7
Lettuce seed germination: prevention of thermodormancy by 2-chloroethanephosphonic acid (ethrel). Harsh, G D *Experientia* 29 (6): 731-732. Ref. June 15, 1973

088028 57.8 F4123
Nitrogen & phosphorus needs of cauliflower. Tomar, N K *Fert News* 18 (5): 48-50. May 1973

088029 450 F58
Effect of NaCL sodium cloride on content & synthesis of nucleic acids in pea leaves. (Rus) Kabanov, V V *Fiziol Rast (mosc)* 20 (3): 466-472. Ref. Eng. Sum. 1973

088030 450 F58
Reducing power of compounds of iron with flavin nucleotides in plants. [Primula obconica, Tradescantia viridis]. (Rus) Boichenko, E A *Fiziol Rast (mosc)* 20 (3): 488-492. Ref. Eng. Sum. 1973

088031 450 F58
Effect of low temperature on concentration of galactoand phospholipids in potato leaves. (Rus) Rodionov, V S *Fiziol Rast (mosc)* 20 (3): 525-531. Ref. Eng. Sum. 1973

088032 450 F58
Relationship between gas exchange & accumulation of organic matter in plants. [Vegetables]. (Rus) Nilovskaia, N T *Fiziol Rast (mosc)* 20 (3): 558-563. Ref. Eng. Sum. 1973

088033 450 F58
Effect of aeration on modification of root structure in tomato plants. (Rus) Shtrausberg, D V *Fiziol Rast (mosc)* 20 (3): 569-576. Ref. Eng. Sum. 1973

088034 450 F58
Water-retaining ability & proteins of leaves & chloroplasts in plants with different drought-resistance. [Beans]. (Rus) Kushnirenko, M D *Fiziol Rast (mosc)* 20 (3): 582-589. Ref. Eng. Sum. 1973

088035 450 F58
On some biochemical changes in freshharvested potato tubers after interruption of their dormancy. (Rus) Chmulev, V M *Fiziol Rast (mosc)* 20 (3): 631-634. Ref. 1973

088036 80 W41
Mineral nutrition: Nitrophobia. [Horticulture]. Cox, R S *Florists' Rev* 152 (3943): 13, 22-23, 56-58. June 28, 1973

088037 80 W41
Influence of home environment on poinsettia development. [Euphorbia pulchezzima]. Woodhead, S H *Florists' Rev* 152 (3944): 34-35, 77-80. July 5, 1973

088038 80 W41
Growth retardants for reducing height of two poinsettia cultivars – a progress report. [Euphorbia pulcherrima]. Besemer, S T *Florists' Rev* 152 (3945): 19-21. July 12, 1973

088039 QD415.F4
ATP [adenosine triphosphates] driven reverse electron transport in chloroplasts. Rienits, K G *FEbs Lett (fed Eur Biochem Soc)* 33 (1): 28-32. Ref. June 15, 1973

088040 QD415.F4
Inhibition of energy transfer reactions in spinach chloroplasts by discarine B, a new peptide alkaloid. Andreo, C S *FEbs Lett (fed Eur Biochem Soc)* 33 (2): 201-204. Ref. July 1, 1973

088041 QD415.F4
Stimulation of RNA synthesis in Cicer arietinum seedlings by cyclic 3':5' adenosine monophosphate. [Chickpeas]. Srivastava, A K *FEbs Lett (fed Eur Biochem Soc)* 33 (2): 239-240. Ref. July 1, 1973

088042 QD415.F4
Pulse radiolysis study of reduction of spinach ferredoxin. Pecht, I *FEbs Lett (fed Eur Biochem Soc)* 33 (2): 259-262. Ref. July 1, 1973

088043 80 G1938
Influence of temperature of growth speed & quality of plants. [Dahlia]. (Nor) Hildrum, H *Gartneryrket* 63 (20): 408-410, 412, 414-415. May 18, 1973

088044 S544.3.H3H3
Problems of nutrient defiencies & visual symptoms. Boodley, J W *Hawaii Univ Ext Misc Publ* 105: 8-11. May 1973

088045 QC795.H4
Deposition & retention of 131I on Grayia spinosa following Baneberry. Brown, K W *Health Phys* 24 (6): 680-682. June 1973

088046 100 AL1H
Green control on way-to control weeds, regulate ornamental growth. [Plant regulators]. Sanderson, K C *Highlights Agr Res (ala Sta)* 20 (2): 10. Summer 1973

088047 80 H7892
Growth of 'Washington Navel' & 'Late Valencia' orange cuttings, as affected by root temperature, nutrient supply & crop load. II. Residual effects. Cary, P R *Hort Res* 12 (3): 157-171. Ref. 1972

088048 80 H7892
Temperature control of plant containers under glass. MacNeill, M M *Hort Res* 12 (3): 173-176. 1972

088049 80 H7892
Anthocyanin production in cranberry leaves & fruit, related to cool temperatures at a low light intensity. Hall, I V *Hort Res* 12 (3): 183-186. 1972

088050 80 H7892
Variation in time of acclimation of raspberry canes in Scotland & Ireland & its significance for hardiness. Jennings, D L *Hort Res* 12 (3): 187-200. Ref. 1972

088051 SB403.H6
Growth retardants for ground covers in Hawaii. Criley, R A *Hortic Digest* 14: 5. May 1973

088052 SB1.H6
Assessing ion leakage from apple fruit tissue. Bir, R E *Hortscience* 8 (3): 175-176. June 1973

088053 SB1.H6
Response of mechanically-topped apple trees to SADH [succinic acid-2,2-dimethylhydrazide] applied to top. Hatch, A H *Hortscience* 8 (3): 179. June 1973

088054 SB1.H6
Critical daylength for inflorescence formation of several cultivars of Salvia splendens Sello. Weiler, T C *Hortscience* 8 (3): 184. Ref. June 1973

088055 SB1.H6
Cold & daylength requirements for flowering in a Lilium speciosum Thunb. cultivar. Weiler, T C *Hortscience* 8 (3): 185. Ref. June 1973

088056 SB1.H6
Flowering of Christmas cactus during summer. [Zygocactus truncatus]. Poole, R T *Hortscience* 8 (3): 186. June 1973

088057 SB1.H6
An historical & critical review of postharvest physiology research on cut flowers. Rogers, M N *Hortscience* 8 (3): 189-194. Ref. June 1973

088058 SB1.H6
Internal metabolic changes in cut flowers. Coorts, G D *Hortscience* 8 (3): 195-198. Ref. June 1973

088059 SB1.H6
Recent advances in opening bud-cut chrysanthemum flowers. Marousky, F J *Hortscience* 8 (3): 199-202. Ref. June 1973

088060 SB1.H6
Changes in carbohydrates of tulip bulbs during development. Aung, L H *Hortscience* 8 (3): 207-208. June 1973

088061 SB1.H6
Growth response of container-grown woody ornamentals to slow-release fertilizers. Gouin, F R *Hortscience* 8 (3): 208-209. June 1973

088062 SB1.H6
IAA [indoleacetic acid] osidase & inhibitors from single & double flowered petunias. Natarella, N *Hortscience* 8 (3): 212-213. Ref. June 1973

088063 SB1.H6
Evolution of ethylene & tomato fruit ripening as influenced by P-(beta-chloroethyl)-N-isopropyl phosphonamidic acid. [BAY HOL 0715]. Tompkins, D R *Hortscience* 8 (3): 221-222. Ref. June 1973

088064 SB1.H6
Sweetpotato periderm failure in response to soil moisture & temperature. Webster, E G *Hortscience* 8 (3): 226-227. June 1973

088065 SB1.H6
Effect of ethephon on bulbing of onion under noninductive photoperiod. Levy, D *Hortscience* 8 (3): 228-229. June 1973

088066 448.3 IM62
Quantitative studies on interaction of concanavalin A, carbohydrate-binding protein of jack bean, with model carbohydrate-protein conjugates. Iyer, R N *Immunochemistry* 10 (5): 313-3229 ref. May 1973

088067 SB123.E48
Effect of ionizing radiation on chemical mutagens on apple tree seeds. (Ukr) Kalynychenko, I M *In Eksperymental'ni Mutatsii ta Selektsiia Roslyn* P. 212-221. Ref. 1971

088068 SB453.F37 1973
Early-flowering shrubs. Lewis, C E *In Faust, Joan Lee. The New York Times Garden Book* P. 68-71. 1973

088069 QH605.M43
Protein synthesis during meiosis. [Lilium]. Hotta, Y *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 4: 169-176. Ref. 1972

088070 QK665.T74
Effect of petroleum-based growth substance on fruit fall & embryonic processes in olive trees. (Rus) Kulieva, N A *In Tsitoembriologicheskie Issledovaniia Rastenii Flory Azerb Aidzhana* P. 67-73. 1972

088071 22 IN294
Effect of inoculation on pattern of free amino acids, reducing sugars & organic acids present in rhizosphere of pea (Pisum sativum l.). Dey, B K *Indian Agr* 16 (2): 121-128. Ref. 1972

088072 22 IN294
Influence of matric potential of soil on diurnal variation of water saturation deficit of potato leaves. Maity, S *Indian Agr* 16 (2): 137-141. 1972

088073 22 IN294
Synergism between auxins & phenolic compounds in rooting of cuttings. Bose, T K *Indian Agr* 16 (2): 171-176. Ref. 1972

088074 22 IN294
Effect of ethylene producing chemicals on growth & flowering of mango (Mangifera indica L.). Maity, S C *Indian Agr* 16 (2): 201-203. Ref. 1972

088075 286.83 C26
A study of nutrient removal by cashew tree. [Anacardium occidentale]. Mohapatra, A R *Indian Cashew J* 9 (2): 19-20. 1973

088076 S279.B225
Role of gibberllins in grape production. Randhawa, G S *Indian Counc Agric Res ICar Tech Bull (Agric)* 37, 80 P. Ref. 1972

088077 58.8 J82
A mathematical study of resonance in intact fruits & vegetables using a 3-media elastic sphere model. Cooke, J R *J Agr Eng Res* 18 (2): 141-157. Ref. June 1973

088078 381 J8223
Metabolism of [14C]naphthaleneacetic acid in Kinnow mandarin. [Carbon]. Shindy, W W *J Agr Food Chem* 21 (4): 629-631. Ref. July/Aug 1973

088079 10 J822
Phosphorus requirement of lettuce. II. A dynamic model of phosphorus uptake & growth. Scaife, M A *J Agr Sci (London)* 80 (3): 353-361. Ref. June 1973

088080 26 J822
On protein & amino acid content of Capsicum acuminatum conc. Cayennese Haz. (Solanaceae)9 [Redpeppers]. (Fre) Ferrari, J P *J Agr Trop Bot Appl* 19 (1/3): 63-67. Jan/Mar 1972 (Pub. 1973)

088081 424.8 J82
Effect of insect pollination on seed onion, with observations on behaviour of honeybees on crop. [Apis mellifera]. Benedek, P *J Apicult Res* 11 (3): 175-180. Ref. 1972

088082 410 J828
Foliage-light product, a measure for assessing orchard canopies, & ite relation to yields of three apple varieties trained to three forms. Maggs, D H *J Appl Ecol* 10 (2): 501-511. Ref. Aug 1973

088083 410 J828
Influence of soil water content on uptake of ions by roots. I. Soil water content gradients near a plane of onion roots. Dunham, R J *J Appl Ecol* 10 (2): 585-598. Ref. Aug 1973

088084 389.8 J823
A simple rapid method for estimation of total carotenoid pigments in mango. Roy, S K *J Food Sci Technol (mysore)* 10 (1): 45. Jan/Mar 1973

088085 389.8 F7322
Inhibition of ripening & indole-3-acetic acid oxidase of banana fruit by p-2,4-chlorophenoxy-isobutyric acid. Haard, N F *J Food Sci* 38 (4): 639-641. Ref. May/-June 1973

088086 389.8 F7322
Characteristics of pectins isolated from soft & firm fleshed peach varieties. Chang, Y S *J Food Sci* 38 (4): 646-648. Ref. May/June 1973

088087 389.8 F7322
Anthocyanin pigments of sour cherries. Shrikhande, A J *J Food Sci* 38 (4): 649-651. Ref. May/June 1973

088088 389.8 F7322
Ginger rhizome: a new source of proteolytic enzyme. [Zingiber officinale]. Thompson, E H *J Food Sci* 38 (4): 652-655. Ref. May/June 1973

088089 QH201.J6
Diversity of multivesicular bodies & notion of heterophagy in root meristems of Scorzonera hispanica. (Fre) Coulomb, C *J Microsc* 16 (3): 345-360. Ref. Eng. Sum. Mar 1973

088090 QD605.J65
Isotopic dilution determination of lebaycid in oranges. Angoso, M *J Radioanal Chem* 13 (1): 149-154. Jan 1973

088091 382 SO12
Chemical composition of unripe (green) & ripe plantain (Musa paradisiaca). Ketiku, A O *J Sci Food Agr* 24 (6): 703-707. Ref. June 1973

088092 425.9 J273B
Studies on growth pattern & improvement of cultivation of mulberry trees in southern Japan. [Morus]. (Jap) Murakami, M *Jap Sericult Exp Sta Bull* 25 (4): 105-167. Ref. Eng. Sum. Dec 1972

088093 68.18 OK3
Relationship between astringency & reaction aspects of astringents for protein. [Vegetable tannin]. (Jap) Nakagawa, M *Jap Tea Res Sta Stud Tea* 45: 32-38. Eng. Sum. Mar 1973

088094 S19.J3
Production of seedless grapes by gibberellin treatment. Oono, T *JArq (j Agr Res Quart)* 7 (1): 35-37. 1973

088095 S19.J3
Coloring of Satsuma mandarin (Citrus unshu Marc.) with ethylene. Kitagawa, H *JArq (j Agr Res Quart)* 7 (1): 43-46. 1973

088096 107.6 K113
Comparative physiology and ecology on the growth of Satuma orange trees on Junos and trifoliate orange rootstocks. V. Seasonal changes on the nutrient absorption in the spring shoots and fruits on young trees. (Jap) Inoue, H *Kagawa Univ Fac Agr Tech Bull* 24 (2): 119-127. Eng. Sum. Mar 1973

088097 107.6 K113
Sutdies on pistillate flower foramtion induced by ethrel treatment in cucumber. (Jap) Kurata, H *Kagawa Univ Fac Agr Tech Bull* 24 (2): 143-155. Ref. Eng. Sum. Mar 1973

088098 80 K122
Early fruiting & culture of Delicious apple. (Jap) Marufuji, Y *Kajitsu Nippon* 28 (4): 80-83. 1973

088099 80 K122
Second blooming & fruiting of chestnut plant. [Castanea]. (Jap) Hotta, H *Kajitsu Nippon* 28 (4): 92-93. 1973

088100 80 K122
Effect of phosphoric acid application on fruit trees. [Citr us, peach, pear]. (Jap) Yuta, E *Kajitsu Nippon* 28 (4): 98-103. 1973

088101 SB13.K45
Determination of states of ripening in onion. (Hun) Balogh, S *Kertgazdasag* 4 (4): 41-50. Eng. Sum. 1972

088102 SB13.K45
Pollinating experiments with honeybees in apple orchards. (Hun) Benedek, P *Kertgazdasag* 4 (4): 51-58. Eng. Sum. 1972

088103 105.9 H89
Auxin routine-examination for growth energy of fruit-tree varieties & rootstocks. (Hun) Brunner, T *Kiserletugyi Kozlemenyek* 64 (1/3): 13-21. Eng. Sum. 1971 (Pub. 1973)

088104 105.9 H89
Correlation of pollen-tube development of 'Clapp Kedveltje' & 'Vilmos' pear-varieties with sugar-concentration, time of tube-development & temperature. (Hun) Nyedi, J *Kiserletugyi Kozlemenyek* 64 (1/3): 23-31. Ref. Eng. Sum. 1971 (Pub. 1973)

088105 389.9 K99R
Preliminary crystallographic data for a basic peroxidase from Japanese-radish. Morita, Y *Kyoto Univ Res Inst Food Sci Bull* 36: 9-11. Mar 1973

088106 22 M262
Effect of washing techniques on nutrient losses & preparation of samples in arecanut palm. [Areca catechu]. Vellaichamy, K *Madras Agr J* 60 (3): 170-172. Ref. Mar 1973

088107 105.9 K696
On possibility of increasing fruit yields by using growth-inhibiting agents. [Fruits]. (Ger) Ludders, P *Mitt Rebe Wein Obstbau Fruchteverwert* 23 (1): 45-52. Ref. Eng. Sum. Jan 1973

088108 100 M69MI
Response of lilies to gibberellic acid. Laiche, A J *MAFES Res Highlights (miss Agric For Exp Stn)* 36 (6): 8. Ref. June 1973

088109 500 N21P
Chlorophyll composition & photochemical activity of photosystems detached from chloroplast grana & stroma lamellae. [Spinach]. Gasanov, R A *Nat Acad Sci Proc* 70 (7): 2082-2085. Ref. July 1973

088110 474 N213
Isolation of some diarylpropanoids from nutmeg. [Myristica fragrans]. Forrest, T P *Naturwissenschaften* 60 (5): 257-258. May 1973

088111 474 N213
Halogenated hydrocarbon induced reduction in coupling parameters of rabbit liver & mung bean mitochondria. Van Auken, O W *Naturwissenschaften* 60 (5): 259. May 1973

088112 474 N213
Direct transfer of gas forming ammonia from animals to plants. [Porcellio scaber, watercress]. (Ger) Wieser, W *Naturwissenschaften* 60 (5): 260-261. May 1973

088113 474 N213
Abscisic acid in grapes during ripening. (Ger) During, H *Naturwissenschaften* 60 (6): 301-302. June 1973

088114 474 N213
Inhibition of seed germination by secondary, univalent alcohol, [Radishes]. (Ger) Thiess, D E *Naturwissenschaften* 60 (6): 302. June 1973

088115 12 N3892
Influence of K/Ca [potassium/calcium] ratio & drought on physiological disorders in tomato. Boon, J van der *Neth J Agr Sci* 21 (1): 56-67. Ref. 1973

088116 94.69 N81
Pollination of chestnut by honey bees. [Apis mellifera]. McKay, J W *Northern Nut Growers Ass Annu Rep* 63: 83-86. 1972

088117 81 OR32
Artificial supplementary pollination trials on apples & pears in Britain. Lombard, P B *Oreg Hort Soc (proc)* 64: 43-46. 1973

088118 81 OR32
Temperature effects on pollen tube growth in styles of william's pear with a note on pollination deficiencies of Comice pear. Lombard, P B *Oreg Hort Soc (proc)* 64: 54. 1973

088119 81 OR32
Chemical tools in fruit production. [Growth regulators]. Williams, M W *Oreg Hort Soc (proc)* 64: 55-60. 1973

088120 81 OR32
Pollination & fruit set on Ryoal Ann in Willamette Valley. Brown, K *Oreg Hort Soc (proc)* 64: 69-75. 1973

088121 81 OR32
Use of growth regulating chemicals on prunes & cherries. Proebsting, E L *Oreg Hort Soc (proc)* 64: 78-83. 1973

088122 81 OR32
Effect of rootstocks on nutritional performance & fertilizer requirement of Italian prune. Chaplin, M H *Oreg Hort Soc (proc)* 64: 83-84. 1973

088123 8 P832J
Variation in chemical composition of Dracaena sanderiana leaves as influenced by leaf maturity & shade intensity. Rodriguez, S J *P R Univ J Agr* 57 (2): 136-148. Apr 1973

088124 382 P56
Oscillations of triggered luminescences of isolated chloroplasts preilluminated by short flashes. [Lettuce]. Hardt, H *Photochem Photobiol* 17 (6): 433-440. Ref. June 1973

088125 450 P5622
Invertases of pollen of Haemanthus albiflos. Landzian, K *Phytochemistry* 12 (6): 1227-1228. June 1973

088126 450 P5622
Distribution in excised Lycopersicum esculentum roots of principal enzymes involved in sucrose metabolism. [Tomatoes]. Chin, C K *Phytochemistry* 12 (6): 1229-1235. Ref. June 1973

088127 450 P5622
Glutamate oxaloacetate transaminase activity in developing Lycopersicon esculentum fruit. [Tomatoes]. Besford, R T *Phytochemistry* 12 (6): 1255-1260. Ref. June 1973

088128 450 P5622
Extraction of nitrate reductase from leaves of Ericaceae. Dirr, M A *Phytochemistry* 12 (6): 1261-1264. Ref. June 1973

088129 450 P5622
Differential extraction of isoperoxidases from Pisum shoots. [Peas]. Macnicol, P K *Phytochemistry* 12 (6): 1269-1272. Ref. June 1973

088130 450 P5622
Isoperoxidase pattern & internode length genotype in Pisum. [Peas]. Macnicol, P K *Phytochemistry* 12 (6): 1273-1279. Ref. June 1973

088131 450 P5622
Peroxidases of Solanum melongena leaves. [Eggplant]. Kamel, M Y *Phytochemistry* 12 (6): 1281-1285. Ref. June 1973

088132 450 P5622
Non-uniform labelling of geraniol biosynthesized from 14C02 [carbon dioxide] in Pelargonium graveolens. Wuu, T Y *Phytochemistry* 12 (6): 1291-1297. Ref. June 1973

088133 450 P5622
Accumulation of betanin in disks of Beta vulgaris leaves. [Beets]. Wohlpart, A *Phytochemistry* 12 (6): 1325-1329. Ref. June 1973

088134 450 P5622
Polysaccharides in seeds of some Liliaceae & Iridaceae. (Fre) Jakimow-Barras, N *Phytochemistry* 12 (6): 1331-1339. Ref. Eng. Sum. June 1973

088135 450 P5622
Structure of mannans of palm Erythea edulis. (Fre) Robic, D *Phytochemistry* 12 (6): 1369-1372. Ref. Eng. Sum. June 1973

088136 450 P5622
Cyanogenesis in Cotoneaster species. (Ger) Nahrstedt, A *Phytochemistry* 12 (7): 1539-1542. Ref. Eng. Sum. July 1973

088137 450 P5622
Polysaccharide changes in cell walls of ripening apples. Knee, M *Phytochemistry* 12 (7): 1543-1549. Ref. July 1973

088138 450 P5622
Enzymes of starch metabolism in leaves & berries of Vitis vinifera. [Grapes]. Downton, W J S *Phytochemistry* 12 (7): 1557-1563. Ref. July 1973

088139 450 P5622
Pyrroline-5-carboxylate reductase from Cucurbita cotyledons. [Pumpkins]. Splittstoesser, S A *Phytochemistry* 12 (7): 1565-1568. Ref. July 1973

088140 450 P5622
Evidence for a pool of inactive phenylalanine ammonia-lyase in Cucumis sativus seedlings. [Cucumbers]. Attridge, T H *Phytochemistry* 12 (7): 1569-1574. Ref. July 1973

088141 450 P5622
Effect of ageing on enzymes of phenylpropanoid metabolism in Solanum tuberosum discs. [Potatoes]. Camm, E L *Phytochemistry* 12 (7): 1575-1580. Ref. July 1973

088142 450 P5622
Aldrin epoxidation by plant root extracts. [Peas]. Mehendale, H M *Phytochemistry* 12 (7): 1591-1594. July 1973

088143 450 P5622
Formation of (-)-1',2'-epi-2-cis-xanthoxin acid from a precursor of abscisic acid. [Tomatoes, avocados]. Milborrow, B V *Phytochemistry* 12 (7): 1597-1608. Ref. July 1973

088144 450 P5622
Interconversion of gibberellin A5 to gibberellin A3 in seedlings of dwarf Pisum sativum. [Peas]. Durley, R C *Phytochemistry* 12 (7): 1609-1612. Ref. July 1973

088145 450 P5622
Biosynthesis of ent-kaurene in cell-free extracts of Pisum sativum shoot tips. [Peas]. Coolbaugh, R C *Phytochemistry* 12 (7): 1613-1618. Ref. July 1973

088146 450 P5622
Polyprenol phosphates & mannosyl transferases in Phaseolus aureus. [Mung beans]. Alam, S S *Phytochemistry* 12 (7): 1641-1649. Ref. July 1973

088147 450 P5622
Carotenoids of Eriobotyra japonica. [Loquats]. Gross, J *Phytochemistry* 12 (7): 1775-1782. Ref. July 1973

088148 450 P5622
Light absorption patterns of intact Rosa flowers in relation to flower colour. Yokoi, M *Phytochemistry* 12 (7): 1783-1786. Ref. July 1973

088149 450 P5622
Identification of a second antifungal isoflavan from diseased Phaseolus vulgaris tissue. [Beans]. VanEtten, H D *Phytochemistry* 12 (7): 1791-1792. Ref. July 1973

088150 450 P5622
Tannins of herbaceous Leguminosae. Bate-Smith, E C *Phytochemistry* 12 (7): 1809-1812. July 1973

088151 450 P5622
2(s),4(R)-4-(beta-D-gallactopyranosyloxy)-4-isobutyl-glutamic acid: a new amino acid in Reseda odorata. Larsen, P O *Phytochemistry* 12(7): 1713-1719. Ref. July 1973

088152 464.8 P56
Effect of oxycarboxin on amino acid metabolism by Phaseolus vulgaris var. Pinto. [Kidney beans]. Newby, L C *Phytopathology* 63 (6): 686-688. Ref. June 1973

088153 450 P692
Induction of abscission at hypobaric pressures. [Fruits]. Cooper, W C *Plant Physiol* 51 (6): 1002-1004. Ref. June 1973

088154 450 P692
Mechanism of a synergistic effect of kinetin on auxin-induced ethylene production: suppression of auxin conjugation. [Mung beans]. Lau, O *Plant Physiol* 51 (6): 1011-1014. Ref. June 1973

088155 450 P692
Increase activity of chromatin-bound ribonucleic acid polymerase from soybean hypocotyl with spermidine & high ionic strength. Guilfoyle, T J *Plant Physiol* 51 (6): 1022-1025. Ref. June 1973

088156 450 P692
Ethylene-induced phenylalanine ammonia-lyase activity in carrot roots. Chalutz, E *Plant Physiol* 51 (6): 1033-1036. Ref. June 1973

088157 450 P692
Partial purification & properties of D-glucosamine 6-phosphate N-acetyltransferase from Phaseolus aureus. [Mung beans]. Vessal, M *Plant Physiol* 51 (6): 1055-1060. Ref. June 1973

088158 450 P692
Salt-stimulated adenosine triphosphatase from smooth microsomes of turnip. Rungie, J M *Plant Physiol* 51 (6): 1064-1068. Ref. June 1973

088159 450 P692
Relation between photophosphorylation & delayed light emission in chloroplasts. [Lettuce]. Neumann, J *Plant Physiol* 51 (6): 1069-1073. Ref. June 1973

088160 450 P692
Malate dehydrogenases of Pisum sativum: Tissue distribution & properties of particulate forms. [Peas]. Zschoche, W C *Plant Physiol* 51 (6): 1076-1081. Ref. June 1973

088161 450 P692
Quantifying rhythmic movements of Albizzia julibrissin pinnules. Koukkari, W L *Plant Physiol* 51 (6): 1084-1088. Ref. June 1973

088162 450 P692
Role of phytochrome in an interaction with ethylene & carbon dioxide in overcoming lettuce seed thermodormancy. Negm, F B *Plant Physiol* 51 (6): 1089-1094. Ref. June 1973

088163 450 P692
Effects of carbon dioxide on activity of apple mitochondria. Shipway, M R *Plant Physiol* 51 (6): 1095-1098. Ref. June 1973

088164 450 P692
Germination of phaseolus vulgaris. IV. Patterns of protein synthesis in excised axes. [Beans]. Gillard, D F *Plant Physiol* 51 (6): 1147-1149. Ref. June 1973

088165 450 P692
Elimination of bacterial contamination from onion seed. Mallery, C H *Plant Physiol* 51 (6): 1150-1153. Ref. June 1973

088166 450 P692
Response of carbon dioxide fixation to water stress; parallel measurements on isolated chloroplasts & intact spinach leaves. Plaut, Z *Plant Physiol* 52 (1): 28-32. Ref. July 1973

088167 450 P692
Ethylene production & respiratory behavior of rin tomato mutant. [Breeding]. Herner, R C *Plant Physiol* 52 (1): 38-42. Ref. July 1973

088168 450 P692
Properties of an aminotransferase of pea (Pisum sativum L.). Matheron, M E *Plant Physiol* 52 (1): 63-67. Ref. July 1973

088169 450 P692
Growth of plants in solution culture containing low levels of chromium. [Vegetables, wheat]. Huffman, E W D *Plant Physiol* 52 (1): 72-75. Ref. July 1973

088170 450 P692
Comparative effects of hydrogen ions, carbon dioxide, & auxin on pea stem segment elongation. Barkley, G M *Plant Physiol* 52 (1): 76-78. Ref. July 1973

088171 450 P692
Application of chemicals in organic solvents to dry seeds. [Lettuce, cucumber]. Khan, A A *Plant Physiol* 52 (1): 79-81. Ref. July 1973

088172 450 P692
Flow of chromium into apple fruit during development. Coahran, D R *Plant Physiol* 52 (1): 84-85. July 1973

088173 QK1.P5
Protein synthesis in cotyledons of Pisum sativum L. II. requirements for initiation with plant messenger RNA. [Peas]. Wells, G N *Plant Sci Lett* 1 (7): 281-286. July 1973

088174 QK1.P5
Plant hormones & DNA synthesis: evidence for a bacterial origin of rapidly labelled heavy satellite DNA. Sarrouy-Balat, H *Plant Sci Lett* 1 (7): 287-292. Ref. Jul 1973

088175 450 P697
Medicinal uses of common Indian vegetables. Vohora, S B *Planta Med* 23 (4): 381-393. Ref. June 1973

088176 450 P693
Histochemical studies on protease formation in cotyledons of germinating bean seeds. Yomo, H *Planta* 112 (1): 35-43. Ref. 1973

088177 450 P693
Immunological methods for agglutination of protoplasts from cell suspension cultures of different genera. [Vicia hajastana, Bromus inermis]. Hartmann, J X *Planta* 112 (1): 45-56. Ref. 1973

088178 450 P693
A quantitative description of inhibition of stem growth in vegetative lateral shoots of Chrysanthemum morifolium by N-dimethylaminosuccinamic acid (daminozide). Dicks, J W *Planta* 112 (1): 71-82. Ref. 1973

088179 450 P693
Relationships between changes in membrane permeability & respiration climacteric in pericarp tissue of tomatoes. Swardt, G H de *Planta* 112 (1): 83-86. Ref. 1973

088180 450 P693
Isolation of an abscisic-acid metabolite, 4'-dihydrophaseic acid, from non-imbibed Phaseolus vulgaris seed. [Kidney beans]. Walton, D C *Planta* 112 (1): 87-90. Ref. 1973

088181 78.8 P69
Steroidal sapogenins from Dioscorea in Malaysia. Chan, K C *Planter* 49 (565): 146-151. Apr 1973

088182 75.8 EU7
Radiation-induced changes in chemical composition of Solanum tuberosum cv. Kufri Sindhuri tubers after germination. [Potatoes]. Sharma, N D *Potato Res* 16 (1): 53-56. Ref. Mar 1973

088183 75.8 EU7
Localization of photoperiodic perception in potatoes. Hammes, P S *Potato Res* 16 (1): 68-72. Mar 1973

088184 75.8 EU7
In vitro tuberization of potato sprouts as affected by ethrel & gibberellic acid. Carcia-Torres, L *Potato Res* 16 (1): 73-79. Ref. Mar 1973

088185 75.8 EU7
Diffusion of oxygen through lenticels in potato tuber. Wigginton, M J *Potato Res* 16 (1): 85-87. Mar 1973

088186 75.8 EU7
Growth of individual tubers. [Potatoes]. Gray, D *Potato Res* 16 (16): 80-84. Mar 1973

088187 QD431.T3
Essay on biochemical & physiological action of Panax ginseng roots. (Jap) Hiai, S *Protein Nucl Acid Enzyme (tokyo)* 18 (5): 13-24. Ref. May 1973

088188 SB13.P8
Preliminary studies on effect of gibberellic acid & CCC (2-chloroethyl trimethyl ammonium chloride) on vegetative growth, flowering & fruit-set in transplanted seedlings of papaya. Guha, D B *Punjab Hortic J* 12 (2/3): 111-113. Ref. Apr/Sept 1972

088189 SB13.P8
Fruit growth studies in Litchi (Litche chinensis Sonn.) at Gurdaspur (Punjab). Kanwar, J S *Punjab Hortic J* 12 (2/3): 146-151. Ref. Apr/Sept 1972

088190 SB13.P8
Effect of phosphorus & zinc on growth & flower initiation in four varieties of kidney bean. Kanwar, J S *Punjab Hortic J* 12 (2/3): 162-170. Ref. Apr/Sept 1972

088191 SB13.P8
Effect of pre-sowing treatment with growth substances on important vegetable crops. V. Onion. Srivastava, R P *Punjab Hortic J* 12 (2/3): 183-188. Ref. Apr/Sept 1972

088192 SB13.P8
Growth of several species of hibiscus & malvaceous plants regulated by cycocel dust. Hore, B K *Punjab Hortic J* 12 (2/3): 189-194. Apr/Sept 1972

088193 SB13.P8
Effect of IAA [indole acetic acid] sprays on vegetative growth & flowering of Antirrhinum majus Linn. Srivastava, O P *Punjab Hortic J* 12 (2/3): 195-199. Apr-/Sept 1972

088194 SB13.P8
Biochemical studies on leaves with their ageing process in mango (Mangifera indica L.) cultivars. II. Changes of chlorophyll content. Mazumdar, B C *Punjab Hortic J* 12 (2/3): 78-82. Ref. Apr/Sept 1972

088195 SB13.P8
Effect of cane length on bud sprouting, flowering & fruiting in Perlette variety of vinifera grapes. Sarowa, P S *Punjab Hortic J* 12 (2/3): 83-88. Apr/Sept 1972

088196 SB13.P8
A study on biochemical changes during ripening & storage of peach. Gangwar, B M *Punjab Hortic J* 12 (2/3): 89-92. Apr-/Sept 1972

088197 SB13.P8
Studies on time of fruit bud differentiation in sweet orange (Citrus sinensis Osbeck.) varietties under Tarai conditions of U. P. Uttar pradesh. Babu, H *Punjab Hortic J* 12 (2/3): 93-96. Ref. Apr/Sept 1972

088198 SB13.P8
Studies on granulation in sweet orange (Citrus sinensis Osbeck). VI. Differences in moisture, total soluble solids & ascorbic acid content of juice vesicles in different stages of granulation. Awasthi, R P *Punjab Hortic J* 12 (4): 204-211. Oct/Dec 1972

088199 SB13.P8
Propagation of ornamental plants under mist. Bose, T K *Punjab Hortic J* 12 (4): 228-234. Oct/Dec 1972

088200 SB13.P8
Effect of plant regulators on germination of onion (Allium cepa L.) seeds. Maurya, A N *Punjab Hortic J* 12 (4): 257-259. Oct/Dec 1972

088201 64.9 C33
Effect of nitrogen & molybdenum on forming of kidney bean nodules (Phaseolus vulgaris L.). (Cze) Rubes, L *Rostlinna Vyroba* 19 (2): 165-176. Ref. Eng. Sum. Feb 1973

088202 80 SA15
Effect of soil cultivation on development of root system of pears. (Rus) Popov, V F *Sadov Vinogradarstvo Vinodelie Moldavii* 4: 13-159 Apr 1973

088203 80 SA15
Carbohydrate metabolism in sour cherries grafted to different rootstocks. (Rus) Syrbu, I G *Sadov Vinogradarstvo Vinodelie Moldavii* 4:32-35. Apr 1973

088204 21 P75
Changes in composition of amino acids in leaves of cardinal & perlette grape varieties under influence of rootstocks 5 BB & P-1045. (Cro) Milosavljevic, M *Savremena Poljoprivreda* 20 (10): 49-53. Eng. Sum. 1972

088205 80 SCH9
Seed & fruit ripeness in apple variety Golden Delicious. (Ger) Stoll, K *Schweiz Z Obst Weinbau* 109 (10): 242-246. Apr 28, 1973

088206 307.8 SE4
Contribution to knowledge of fatty oil of almond, pistachio & cashew seeds. (Ger) Seidemann, J *Seifen-ole-fette-wachse* 99 (11): 302-304. Ref. May 17, 1973

088207 56.8 SO3
Effect of crop residues on growth of turnips & their recovery of sulfur from soils. Nelson, L E *Soil Sci* 115 (6): 447-454. Ref. June 1973

088208 511 AK146
Cleavage of 3,4-benzopyrene-1,2-carbon 14 by higher plants. [Beans, corn]. (Rus) Durmishidze, S V *Soobshch Akad Nauk Gruz SSr* 70 (2): 469-472. Ref. Eng. Sum. May 1973

088209 QH431.A1G43
Mutagenic activity of gibberellic acid. [Ipomoea purpurea]. Beglaryan, N P *Sov Genet* 6 (9): 1153-1163. Ref. Sept 1970 Transl. May 1973

088210 QH431.A1G43
A case of simultaneous appearance of a chlorophyll mutation & a reciprocal translocation in case of irradiation of pea seeds with gamma rays. Gostimskii, S A *Sov Genet* 6 (9): 1173-1180. Ref. Sept 1970 Transl. May 1973

088211 80 SV23
Pollination & planting of fruit trees. (Swe) Nilsson, F *SYr Inf Fruktodlaren (sver Yrkesfruktodlares Riksforb)* 15 (3): 15-20. June 1973

088212 S590.T42
Bentonite in crop production. 1. Effects of bentonite additions and residues on yield and chemical composition of tomatoes. (Per) Khossussi, M *Teheran Univ Fac Agron Publ* 4 (1/2): 1-9. Eng. Sum. Sept 1972

088213 11 T439
Influence of summer & post-harvest application of succinic acid 2,2-dimethyl hydrazide (Alar) on winter hardiness of apple trees. Stoyanov, S M *Tidsskr Planteavl* 77 (2): 180-183. 1973

088214 385 T573B
Absorption of lead by eggplant from soil & their translocation. (Jap) Watanabe, T *Tokyo Agr Chem Insp Sta Bull* 12: 105-106. Eng. Sum. Oct 1972

088215 451 C433
Callus formation on tissue explant derived from tuberous roots of sweet potato plants, Ipomoea batatas Poiret. (Jap) Hozyo, Y *Tokyo Nat Inst Agr Sci Bull Ser D* 24: 1-33. Ref. Eng. Sum. Mar 1973

088216 451 C433
Plant production of wild type plants in Ipomoea trifida (H.N.B.) Don. (Jap) Hozyo, Y *Tokyo Nat Inst Agr Sci Bull Ser D* 24: 35-60. Eng. Sum. Mar 1973

088217 451 T63B
Chemical effect of certain bark substrates on germination & early growth of epiphytic orchids. Frei, J K *Torrey Bot Club Bull* 99 (6): 301-307. Ref. Nov/Dec 1972

088218 26 T754
Loss of mineral nutrients from banana pseudostems after harvest. Turner, D W *Trop Agr (st Augustine)* 50 (3): 229-223. July 1973

088219 26 T754
Effect of bunch covers on fruit growth & maturity in bananas. Turner, D W *Trop Agr (st Augustine)* 50 (3): 235-240. July 1973

088220 SB111.A2T72
Oil content & herb yield of geranium plants as affected by nitrogen fertilization in loamy & sandy soils. (Ger) Shedeed, M R *Tropenlandwirt* 74: 60-66. Eng. Sum. Apr 1973

088221 442.8 UZ1
Growth & yield of vineyards with various methods of irrigation. (Rus) Nasimov, A N *Uz Biol Zhur* 1: 17-19. Ref. 1972

088222 95.8 V833
Annual cycle of abscisic acid in vegetative organs of grapevines. (Ger) During, H *Vitis* 12 (1): 26-32. Ref. Eng. Sum. Mar 1973

088223 95.8 V833
Maturity responses of Sultanina grapes to gibberellic acid treatments. Guelfat-Reich, S *Vitis* 12 (1): 33-37. Mar 1973

088224 95.8 V833
Stomata & starch in grape berries. Swift, J G *Vitis* 12 (1): 38-45. Mar 1973

088225 105.2 V61V
A physiological study of adventitious bud formation in potato. Miedema, P *Wageningen Cent Landouwpubl Landbou Verslag Landbouwkund Ore* 787, 66 P. Ref. 1973

088226 384 Z39
Affinity for oxygen of polyphenoloxidase in grapes. Radler, F *Z Lebensmitteluntersuchung -Forsch* 152 (1): 38-41 1973

088227 450 Z32
In vitro culture of midrib explants of Gerbera: adventitious root formation & callus induction. Pierik, R L M *Z Pflanzenphysiol* 69 (3): 204-212. Ref. 1973

088228 450 Z32
Regulation of photosynthetic carbon metabolism by pH [hydrogen-ion concentration] & Mg2 [magnesium]. [Spinach]. Baldry, C W *Z Pflanzenphysiol* 69 (3): 213-216. Ref. 1973

088229 450 Z32
Aminolaevulinate dehydratase in greening leaves of Phaseolus vulgaris L. [Kidney beans]. Sluiters-Scholten, C M T *Z Pflanzenphysiol* 69 (3): 217-227. Ref. 1973

088230 450 Z32
Effect of catechin on growth of mazzand cherry segments cultured in vitro. (Ger) Feucht, W *Z Pflanzenphysiol* 69 (3): 242-248. Ref. Eng. Sum. 1973

088231 450 Z32
Uptake of double labeled DNA into isolated protoplasts of Petunia hybridia. (Ger) Hoffmann, F *Z Pflanzenphysiol* 69 (3): 249-261. Ref. Eng. Sum. 1973

088232 450 Z32
Uptake of FITC [fluorescein isothiocyamahe] & FITC-labelled bovine serum albumin into isolated protoplasts of Petunia hybrida. (Ger) Hess, D *Z Pflanzenphysiol* 69 (3): 280-286. Ref. Eng. Sum. 1973

088233 450 Z32
Transplantation of nuclei into protoplasts of higher plants. [Petunia hybrida, Nicotiana glauca, corn]. Potrykus, I *Z Pflanzenphysiol* 69 (3): 287-289. 1973

088234 450 Z32
Changes in lipid composition during development of potato plant with regard to biosynthesis of fatty acids. (Ger) Bolling, H *Z Pflanzenphysiol* 69 (5): 402-408. Ref. Eng. Sum. 1973

088235 450 Z32
Metabolism of flavonoid compounds during development of winterbuds & leaves of Corylus avellana L. (Ger) Staude, M *Z Pflanzenphysiol* 69 (5): 409-417. Ref. Eng. Sum. 1973

088236 450 Z32
Growth & differentiation in calli originated from isolated protoplasts of Petunia hybrida. (Ger) Donn, G *Z Pflanzenphysiol* 69 (5): 423-437. Ref. Eng. Sum. 1973

088237 450 Z32
Endogenous acidic exudate from lemon fruit juice vesicles. Kordan, H A *Z Pflanzenphysiol* 69 (5): 456-460. 1973

088238 80 OV64
New knowledge on proliferation in apple-trees. (Cze) Seidl, V *ZL (zahradnicke Listy)* 66 (2): 45. 1973

PHYSIOLOGY AND BIOCHEMISTRY OF FOREST TREES

088239 442.9 AK17
Effect of tapping on growth of Siberian pine. [Pinus sibirica]. (Rus) Kulakov, V E *Akad Nauk Sssr Sibirsk Otd Biol Inst Tr* 15: 133-139. Ref. 1972

088240 442.9 AK17
Effect of soil conditions on distribution & productiveness of aspen forests in central Ob region. [Populus tremula]. (Rus) Demidenko, V P *Akad Nauk Sssr Sibirsk Otd Biol Inst Tr* 15: 59-71. 1972

088241 442.9 AK17
Phytonicidal properties of trees & shrubs in forests of Novosibirsk suburban zone. [Plants, antibiotics]. (Rus) Priazhnikov, A N *Akad Nauk Sssr Sibirsk Otd Biol Inst Tr* 15: 84-87. 1972

088242 442.9 AK17
Quantity of volatile organic substances in fir forests of Salair. [Abies]. (Rus) Stepanov, E V *Akad Nauk Sssr Sibirsk Otd Biol Inst Tr* 15: 88-93. Ref. 1972

088243 442.9 AK17
Biology & configurations of Siberian spruce in Altai. [Picea obovata]. (Rus) Shcherbatenko, V I *Akad Nauk Sssr Sibirsk Otd Biol Inst Tr* 15: 94-98. Ref. 1972

088244 450 AM36
White pine shoots: roles of gravity & epinasty in movements & compression wood location. [Pinus strobus]. Wilson, B F *Amer J Bot* 60 (6): 597-601. Ref. July 1 73

088245 SF521.A62
Flowering interval of Acacia in last 25 years, Forecast possibilities. Momirowski, I *Apiacta* 7 (3): 115-116. 1972

088246 396.8 AR2A
Catechin-dimers in oak bark (Quercus robur). III. (Ger) Ahn, B Z *Arch Pharm (berlin)* 306 (5): 338-346. Eng. Sum. May 1973

088247 396.8 AR2A
Catechin-dimers contained in oak bark. IV. [Quercus robur]. (Ger) Ahn, B Z *Arch Pharm (berlin)* 306 (5): 353-360. Eng. Sum. May 1973

088248 500 AR44
Environmental control of stomatal activity in mature semiarid site ponderosa pine. [Pinus ponderosa]. Drew, A P *Ariz Acad Sci J* 7 (2): 85-93. Ref. June 1972

088249 442.8 B5236
Absorbance-temperature profile of ribosomes from seeds of Pinus lambertiana. Ko, T S *Biochem Biophys Res Commun* 52 (3): 1051-1056. Ref. June 8, 1973

088250 381 B522
Short-time metabolism of some exogenous cytokinins in Acer pseudoplatanus cells. Doree, M *Biochim Biophys Acta* 304 (3): 611-622. Ref. May 28, 1973

088251 470 C16C
Distrubution of 14C [carbon]-labeled metabolites in mycorrhizal & non-mycorrhizal lodgepole pine seedlings. [Pinus contorta]. Ahrens, J R *Can J Bot* 51 (5): 1029-1035. Ref. May 1973

088252 470 C16C
Production, storage, & use of photosynthate during shoot elongation in balsam fir (Abies balsamea). Loach, K *Can J Bot* 51 (6): 1161-1168. Ref. June 1973

088253 470 C16C
Metabolism of 14C [carbon]-urea by white spruce seedlings in light & darkness. [Picea glauca]. Durzan, D J *Can J Bot* 51 (6): 1197-1211. Ref. June 1973

088254 450 C16
Influence of various electrodes & tissues on electrical impedance of woody stems. [Pinus resinosa, Populus deltoides]. Glerum, C *Can J Plant Sci* 53 (2): 385-389. Apr 1973

088255 450 C16
Sugars, relative water content, & growth after planting of dormant lodgepole pine seedlings. [Pinus contorta]. Etter, H M *Can J Plant Sci* 53 (2): 395-399. Apr 1973

088256 99.8 EM72
Growth of radiata pine following thinning. [Pinus radiata]. Shepherd, K R *Commonwealth Forest Rev* 52 (2): 133-142. Ref. June 1973

088257 410 EC72
Nutrient release from decomposing leaf & branch litter Hubbard Brook Forest, New Hampshire. Gosz, J R *Ecol Monogr* 43 (2): 173-191. Ref. Spring 1973

088258 99.9 EH3
On growth of regeneration trees & enviromental factors in selection forests. 1. Solar radiation measurements in group-selections of stand sugi. [Cryptomeria japonica]. (Jap) Fujimoto, K *Ehime Univ Coll Agr Forest Bull* 10: 19-31. Ref. Eng. Sum. Mar 1973

088259 450 F58
Studies of mechanism of geotropic motions of roots of germinating seeds in some conifers. (Rus) Tret'iakova, I N *Fiziol Rast (mosc)* 20 (3): 514-520. Ref. Eng. Sum. 1973

088260 99.8 F7623
Effect of a soil wetting agent on germination of four important British Columbia conifers. Edwards, D G *Forest Chron* 49 (2): 126-129. June 1973

088261 99.8 F7632
Development of weight variation in Douglas-fir seedlings. [Pseudotsuga menziesii]. Sinclair, W A *Forest Sci* 19 (2): 105-108. Ref. June 1973

088262 99.8 F7632
Variation in monoterpene composition of two oleoresin systems of loblolly pine. [Pinus taeda]. Rockwood, D L *Forest Sci* 19 (2): 147-153. Ref. June 1973

088263 99.8 F7632
Phenol-oxidizing enzymes in heartwood of Pinus radiata. Shain, L *Forest Sci* 19 (2): 153-155. June 1973

088264 99.8 F7723
Investigations on interception loss in conifer crowns. (Ger) Heuveldop, J *Forstarchiv* 44 (6): 129-130. Eng. Sum. June 1973

088265 99.8 F775
Effect of industrial sewage sludge on net assimilation of young forest trees. (Ger) Keller, T *Forstwiss Centralbl* 92 (3): 105-111. Eng. Sum. June 1973

088266 105.1 G344
Composition, structure & capacity of reaction of a suppressed regeneration of ash. [Fraxinus excelsior]. (Ger) Miegroet, M Van *Ghent Rijksfac Landbouwetensch Meded* 37 (4): 1211-1248. Ref. Eng. Sum. 1972

088267 99.9 J2724A
Measurement of seasalt particles in a oak stand on coastal dunes. [Quercus dentata]. (Jap) Kudo, T *Hokkaido Forest Exp Sta Annu Rep* 1971: 62-66. Oct 1972

088268 99.8 IN2
Germination, seedling behaviour & phytomass of some acacias in nursery stage. Gupta, R K *Indian Forest* 99 (6): 352-358. June 1973

088269 99.8 IN2
Effect of depth of sowing on germination of kail (Pinus wallichiana) seed. Singh, R V *Indian Forest* 99 (6): 367-371. June 1973

088270 99.8 IT12
Periodicity of height growth in silver fir seedlings established under chestnut coppices. [Abies alba]. (Ita) Giannini, R *Ital Forest Mont* 27 (6): 247-254. Ref. Eng. Sum. Nov/Dec 1972

088271 99.8 IT12
Behaviour of silver fir seedlings from different provenances under various degrees of shading. [Abies alba]. (Ita) Giannini, R *Ital Forest Mont* 28 (1): 20-26. Ref. Eng. Sum. Jan/Feb 1973

088272 410 J828
Litter fall in a new South Wales conifer forest: A multivariate comparison of plant nutrient element status & return in four species. [Pinus, Pseudotsuga]. Spain, A V *J Appl Ecol* 10 (2): 527-556. Aug 1973

088273 99.8 N62
Studies on method make use of automatic mist spray installation to raise cultivated cuttings. III. relations between amounts of water spray & soils in cuttings bed, & rooting of cuttings from sugi (Cryptomeria japonica D. Don) clone in t (Jap) Suzuki, T *Jap Forest Soc J* 55 (3): 112-115. Mar 1973

088274 99.8 N62
Growth inhibitors in leaves of Abies sachalinensis Masters in dormant period. II. Shibakusa, R *Jap Forest Soc J* 55 (3): 91-94. Mar 1973

088275 99.8 N62
Carbon dioxide compensation points in poplar plant. [Populus]. Furukawa, A *Jap Forest Soc J* 55 (3): 95-99. Ref. Mar 1973

088276 99.8 N62
Photosynthesis & respiration in poplar plant in relation to leaf development. [Populus euramericana]. Furukawa, A *Jap Forest Soc J* 55 (4): 119-123. Ref. Apr 1973

088277 99.8 N62
On relative bark thickness connected with relative stem curve, [Cryptomeria japonica]. (Jap) Kajihara, M *Jap Forest Soc J* 55 (4): 132-139. Eng. Sum. Apr 1973

088278 99.8 J32
Effect of air temperature on growth of Pinus, Picea & Larix seedlings in polyethylene greenhouses. (Lav) Igaunis, G *Jaunakais Mezsaimnieciba* 15: 31-38. 1973

088279 99.8 J32
Frost resistance in Pseudotsuga menziesii of various provenances. (Lav) Pirags, D *Jaunakais Mezsaimnieciba* 15: 39-44. Eng. Sum. 1973

088280 99.8 K99
Flower-bid formation of Cryptomeria under controlled environment. Miyajima, H *Kyushu Univ Res Inst Univ Forests Bull Kyushu Univ Forests* 47: 1-11. Ref. Mar 1973

088281 99.8 L569
Persistence of conifer needles as a feature of biological significance & as a provenance sign. (Slo) Steinhubel, G *Lesn Cas* 19 (1): 61-73. Ref. Eng. Sum. 1973

088282 107.6 T78
Studies on annual-ring width of Sugi (Cryptomeria japonica D. Don) in Ise Shrine. 3. Analysis for cell-size arrangement. (Jap) Horiba, Y *Mie Univ Fac Agr Bull* 45: 109-125. Eng. Sum. Mar 1973

088283 450 P5622
Terpene composition of pinus pinaster seedlings & plants. Funes, A *Phytochemistry* 12 (6): 1391-1394. June 1973

088284 450 P5622
Identification of constituents of Pinus pinaster needles. (Fre) Pauly, G *Phytochemistry* 12 (6): 1395-1398. Eng. Sum. June 1973

088285 450 P5622
Allo-cedrol: a new tricarbocyclic sesquiterpene alcohol. [Juniperus rigida]. Tomita, B *Phytochemistry* 12 (6): 1409-1414. Ref. June 1973

088286 450 P5622
Further alkaloids of Alstonia muelleriana. Burke, D E *Phytochemistry* 12 (6): 1467-1474. Ref. June 1973

088287 450 P5622
Biflavones in leaves of two Juniperus plants. Hameed, N *Phytochemistry* 12 (6): 1494-1495. June 1973

088288 450 P5622
Branched fatty acids in two Abies species. Granados, R *Phytochemistry* 12 (6): 1496. June 1973

088289 450 P5622
Biflavones in leaves of Podocarpus taxifolia. Hameed, N *Phytochemistry* 12 (6): 1497. June 1973

088290 450 P5622
New beta-diketones from Buxus sempervirens. Dierickx, P J *Phytochemistry* 12 (6): 1498-1499. June 1973

088291 450 P5622
Cyclopropylamino acids of genus Acer: distribution & biosynthesis. Fowden, L *Phytochemistry* 12 (7): 1677-1681. July 1973

088292 450 P697
Variability of oils of Juniperus communis. I. composition of oils in leaves of different age. (Ger) Horster, H *Planta Med* 23 (4): 353-362. Ref. Eng. Sum. June 1973

088293 QK865.A1R4
Confirmation of a clinal pattern of chemical differentiation in Juniperus virginiana from terpenoid data obtained in successive years. Flake, R H *Recent Adv Phytochem* 6: 215-228. Map. Ref. 1973

088294 99.8 R327
Synthesis of one decade of phenologie studies on Castanea sativa Mill. (Rum) Nistor, B *Rev Padurilor* 88 (4): 198-205. Apr 1973

088295 99.8 R473
Physiology of forest trees. 4. (Jap) Hatano, K *Ringyo Gijitsu* 4: 26-27. Apr 1973

088296 383 P21B
A new type of natural flavonoid: 2,5-dihydroxyflavanones. II. Synthesis of some 2,6-dihydroxydibenoylmethanes & evidence for their cyclic structure. [Populus nigra]. (Fre) Hauteville, M *Soc Chim France Bull* 5: 1784-1788. Ref. Eng. Sum. May 1973

088297 511 AK146
Special features of moisture distribution in trunk of hedge maple (Acer campestre L.) in relation to growing conditions. (Rus) Vachnadze, E A *Soobshch Akad Nauk Gruz SSr* 70 (2): 433-436. Ref. Eng. Sum. May 1973

088298 99.8 ST9
Seasonal variation of pigments in needles, a study of Scots pine & Norway spruce seedlings grown under different nur sery conditions. [Pinus sylvestris, Picea abies]. Linder, S *Stud Forest Suecica* 100, 37 P. Ref. 1972

088299 99.8 ST9
Seed eluates on germination blotter – a germinability test? [Pinus sylvestris]. Pehap, A *Stud Forest Suecica* 101, 21 P. Ref. 1972

088300 99.8 ST9
Effect of inorganic nutrients on water economy & hardiness of conifers. I. effect of varying potassium, calcium, & magnesium levels on water content, transpiration rate, & initial phase of development of frost hardiness of Pinus sylve Christersson, L *Stud Forest Suecica* 103, 26 P. Ref. 1973

088301 302.8 SV2
Microbiological breakdown of bark. (Swe) Eriksson, K E *Svensk Papperstidn* 76 (7): 243-249. Map. Ref. Apr 25, 1973

088302 382 T29
Structure of strobic acid. [Pinus strobus]. Zinkel, D F *Tetrahedron* 29 (10): 1441-1444. Ref. May 1973

088303 382 T29
Chemistry of ayurvedic crude drugs. III. Guggulu (resin from Commiphora mukul)-3 long-chain aliphatic tetrols, a new class of naturally occurring lipids. Patil, V D *Tetrahedron* 29 (11): 1595-1598. Ref. June 1973

088304 451 T63B
Competitive & allelopathic suppression of understory by Oklahoma oak forests. [Quercus]. McPherson, J K *Torrey Bot Club Bull* 99 (6): 293-300. Ref. Nov/Dec 1972

FIELD CROPS — CULTURE

088305 S13.A2
On question of preceding crops & manuring of seed stands of alfalfa (Medicago sativa L.). (Slo) Pacuta, M *Acta Fytotechnica* 25: 119-129. Ref. Eng. Sum. 1972

088306 S13.A2
Investigation into effect of different spring preparation of soil, nutrition & amount sown on crop & some qualitative features of malt barley. (Slo) Krausko, A *Acta Fytotechnica* 26: 5-23. Ref. Eng. Sum. 1972

088307 19 B855
Modern harvesting of alfalfa & decrease of toxicity danger in biosphere. (Hun) Manninger, G A *Agrartud Kozl* 31 (2): 173-176. 1972

088308 S19.A32
Resource productivity in Mexican & indigenous wheat – a comparative study. Singh, S B *Agric Agro-ind J* 6 (4): 14-17. Apr 1973

088309 S19.A32
Response of hybrid bajra to varying seed rates & depths of sowing. [Pearlmillet]. Patel, A S *Agric Agro-ind J* 6 (4): 25-28. Apr 1973

088310 S19.A32
Hyvp [High Yielding Variety Programme] in retrospect & prospect. [Field crops, India]. Chellappan, K *Agric Agro-ind J* 6 (4): 39-42. Apr 1973

088311 22.5 N682
Theory & technique on rice seedling raising. 2. [Machine transplanting]. (Jap) Hoshikawa, K *Agric Hortic* 48 (5): 109-114. May 1973

088312 22.5 N682
Rice culture in southern European countries. (Jap) Tanaka, A *Agric Hortic* 48 (5): 21-28. May 1973

088313 22.5 N682
Origin of aromatic rice varieties & their traits in cultivation. (Jap) Kondo, H *Agric Hortic* 48 (5): 37-40. May 1973

088314 22 AG823
Studies on performance of Karuna to different levels of nitrogen & spacing under Kerala conditions. [Rice]. Kurup, U U *Agric Res J Kerala* 9 (2): 33-39. Sept 1971 (Pub. Feb 1973)

088315 14 AG823
Agronomic aspects of development of sunflower. (Fre) Rollier, M *Agric Rev Men Tech Econ* 365: 138-141. May 1973

088316 21.5 AG84
Possibilities of paddock pasturing on heavier soil in a humid region. [Grazing]. (Cro) Toplak, J *Agron Glas* 36 (7/8): 445-452. Eng. Sum. 1972

088317 26 AG86
Fodder crop research in Cameroon: Production & food value of some local forage (work carried out by IRAT [Institute for tropical Agronomic Research] from 1965 to 1971). (Fre) Barrault, J *Agron Trop (paris)* 28 (2): 173-188. Map. Eng. Sum. Feb 1973

088318 26 AG86
Joint CORESTA-TCRC Conference. Williamsburg (Virginia), United States, October 22-28, 1972. (Fre) Vanbercie, R *Agron Trop (paris)* 28 (2): 208-213. Feb 1973

088319 61.9 SV22
Svalof's original Solid Autumn Wheat. [Varieties]. (Swe) Olsson, G *Allmanna Svenska Utsadesaktiebol Svalof* 1: 1-6. 1973

088320 61.9 SV22
New pasture varieties. [Forage plants]. (Swe) Julen, G *Allmanna Svenska Utsadesaktiebol Svalof* 1: 11-25. 1973

088321 450 AM36
Kranz syndrome in Gramineae as indicated by carbon isotopic ratios. Smith, B N *Amer J Bot* 60 (6): 505-513. Ref. July 1973

088322 S7.A755
Studies on effectiveness of progressively increased mineral fertilization in combination with different kinds of organic manuring. [Grain, potatoes, beets, East Ge (Ger) Ansorge, H *Arch Acker Pflanz Bodenkd* 17 (1): 17-28. Ref. Eng. Sum. 1973

088323 S7.A755
Effect of nitrogen application at different times on forage yield, on spread of forage growth over year, & on some mineral & nutritive ingredients of pasture forage. (Ger) Lampeter, W *Arch Acker Pflanz Bodenkd* 17 (1): 65-74. Eng. Sum. 1973

088324 S7.A755
Effect of dung distribution & aftermath on forage yield & on fodder consumption by grazing animals. (Ger) Rotschke, W *Arch Acker Pflanz Bodenkd* 17 (1): 75-80. Eng. Sum. 1973

088325 S7.A755
Recommendations regarding cultivation of stubble crops on loess sites of dry regions with special consideration of climatic & phenological conditions, of adequate choice of crops as well (Ger) Waloszczyk, K *Arch Acker Pflanz Bodenkd* 17 (1): 81-94. Eng. Sum. 1973

088326 S7.A755
On effect of bitumen emulsions on soil temperature & plant yield. [Corn, sugar beets, East Germany]. (Ger) Schmidt, O *Arch Acker Pflanz Bodenkd* 17 (2): 111-119. Eng. Sum. 1973

088327 S7.A755
Agronomic performance parameters & proportioning quantities for use of clear-rand waste-water sprinkler irrigation under conditions of large-area farming. (Ger) Schwarz, K *Arch Acker Pflanz Bodenkd* 17 (2): 133-142. Ref. Eng. Sum. 1973

088328 S7.A755
On problem of yield variation with fodder beet. [East Germany]. (Ger) Uehling, R *Arch Acker Pflanz Bodenkd* 17 (2): 143-153. Ref. Eng. Sum. 1973

088329 S7.A755
Effect of time of sowing as well as of seed rate on yield of vetch grown in association with rye. [East Germany]. (Ger) Watzke, G *Arch Acker Pflanz Bodenkd* 17 (2): 155-164. Eng. Sum. 1973

088330 S7.A755
On problems of demand-adapted supply with forage & concentrates in case of high cow concentration in dependence on grassland percentage. [East Germany]. (Ger) Leipnitz, W *Arch Acker Pflanz Bodenkd* 17 (2): 165-173. Eng. Sum. 1973

088331 S7.A755
Studies on forage yield from a newly established pasture in dependence on seed rate. (Ger) Lampeter, W *Arch Acker Pflanz Bodenkd* 17 (3): 223-230. Eng. Sum. 1973

088332 S7.A755
Possibilities of yield stabilization by measures of crop rotation. [Field crops]. (Ger) Moritz, L *Arch Acker Pflanz Bodenkd* 17 (4): 299-308. Ref. Eng. Sum. 1973

088333 61.9 AS7
Proceedings of Association of Official Seed Analysts, sixty-second annual meeting Salt Lake City, Utah June 18-22, 1972. *Ass Off Seed Anal Proc* 160 P. 1972

088334 61.9 AS7
Sampling Kentucky bluegrass seed with an automatic subsampling device & Gamet divider. [Poa prazensis]. Cole, D F *Ass Off Seed Anal Proc* 62: 68-72. 1972

088335 61.9 AS7
Comparison of four seed dividers (automatic, Boerner, Gamet, & soil-sampler) in sampling smooth bromegrass seed. [Bromus inermis]. Hall, P J *Ass Off Seed Anal Proc* 62: 73-75. 1972

088336 61.9 AS7
Comparison of three types of seed dividers for subsampling chaffy grasses. Hall, P J *Ass Off Seed Anal Proc* 62: 76-83. 1972

088337 23 AU792
Effect of frequency & severity of cutting on yield & persistence of Desmodium intortum cv. Greenleaf in a sibtopical environment. Jones, R J *Australian J Exp Agr Anim Husb* 13 (61): 171-177. Ref. Apr 1973

088338 16 AV9
Rice culture. (Ita) *Avvenire Agr* 81 (1): 10-12. Jan 1973

088339 16 AV9
Sunflower Romsun. (Ita) *Avvenire Agr* 81 (2): 48-50. Feb 1973

088340 18 B329
Green forage harvest & feed preservation. (Ger) Oehring, M *Bauernblatt Schleswig Holstein, Schleswig Holsteinischen Lan Dpost* 27 (22): 1922-1923. June 2, 1973

088341 18 B329
Technical management in hay & green forage harvesting. (Ger) Sind, P *Bauernblatt Schleswig Holstein, Schleswig Holsteinischen Lan Dpost* 27 (22): 1923, 1926 1923. June 2, 1973

088342 S560.B54
Buying time with direct drilling [Brassica, grain]. Hassall, P *Big Farm Manage* P. 51-52. May 1973

088343 287 B866
Response of Helianthus annuus to fertilizers application. (Spa) Saumell, H G *Bolsa Cereales Rev Inst* 100 (2857): 20-22, 24. Oct 1972

088344 65.8 B73
Cultural treatment of new plants from sugarcane stumps. (Por) Brieger, F *Brasil Acucareiro* 81 (4): 43-46. Apr 1973

088345 21.5 B87
Results of comparative study of sunflower varieties in dibra district. (Alb) Dani, E *Bul Shkencave Bujqesore* 11 (4): 15-25. Eng. Sum. 1972

088346 21.5 B87
About production of elite wheat seed. (Alb) Xhomo, Z *Bul Shkencave Bujqesore* 11 (4): 7-13. Eng. Sum. 1972

088347 100 C12S (1)
Soybean research in California. *Calif Agr Exp Sta Bull* 862, 68 P. Ref. June 1973

088348 100 C12S (1)
Management practices for various areas in California. [Soybeans]. Beard, B H *Calif Agr Exp Sta Bull* 862: 18-20. June 1973

088349 100 C12S (1)
Sowing methods & practices. [Soybeans]. Knowles, P F *Calif Agr Exp Sta Bull* 862: 20-28. June 1973

088350 100 C12S (1)
Irrigation. [Soybeans]. Henderson, D W *Calif Agr Exp Sta Bull* 862: 34-40. June 1973

088351 100 C12S (1)
Varietal testing & improvement. Beard, B H *Calif Agr Exp Sta Bull* 862: 41-44. June 1973

088352 100 C12S (1)
Harvest & storage. [Soybeans]. Goss, J R *Calif Agr Exp Sta Bull* 862: 56-60. June 1973

088353 100 C12CAG
Wocus 71; a new high yielding barley variety. Puri, Y P *Calif Agr* 27 (4): 15. Apr 1973

088354 100 C12CAG
Effects of nitrogen & irrigation on yield of feed barley. Puri, Y P *Calif Agr* 27 (4): 5-6. Apr 1973

088355 450 C16
Wakooma durum wheat. Hurd, F A *Can J Plant Sci* 53 (2): 261-262. Apr 1973

088356 450 C16
Response of small fababeans to seed rate & spacing. [Broad beans]. Seitzer, J F *Can J Plant Sci* 53 (2): 279-283. Apr 1973

088357 450 C16
Productivity of intermediate wheatgrass as influenced by date of initial cutting, height of cutting, & Nitrogen fertilizer. [Agropyron]. Lawrence, T *Can J Plant Sci* 53 (2): 295-301. Apr 1973

088358 450 C16
Use of factor analysis to investigate relations between environmental variables & forage yield. Waddington, J *Can J Plant Sci* 53 (2): 309-316. Ref. Apr 1973

088359 65.8 C41
Mechanical harvesting of sugarcane. (Chi) Chu, C H *Che Pao (sugar Cane Bull)* 41 (6): 21-23. June 5 1973

088360 275.29 SO8E
Performance of field crop varieties in South Carolina, 1972. Eskew, E B *Clemson Univ Ext Circ* 537, 75 P. Mar 1973

088361 100 C71C
1972 Barley & oat tests. Haus, T E *Colo Agr Exp Sta Progr Rep Pr* 72-47, 3 P. June 1973

088362 100 C71C
Establishment, production, & nutritive value of Russian wildrye in southeastern Colorado, [elymus junceus, forage crops]. Baize, J C *Colo Agr Exp Sta Progr Rep Pr* 73-36, 3 P. May 1973

088363 100 C71C
Alfalfa variety test, 1972; Agronomy Research Center Fort Collins. Dotzenko, A D *Colo Agr Exp Sta Progr Rep Pr* 73-43, 1 P. June 1973

088364 72.8 EM7
Development of narrow row, high density cotton in Australia. Low, A *Cotton Growing Rev* 50 (2): 130-149. Ref. Apr 1973

088365 80 C83
Pastures: not as good as they were? Moore, I *Country Life (london)* 154 (3967): 52-53. July 5, 1973

088366 64.8 C883
Water requirement, yield, & tolerance to clipping of some cool-season, semiarid range grasses. Bleak, A T *Crop Sci* 13 (3): 367-370. May/June 1973

088367 65.8 C89
Sowing seeds to their definite places, trials in 1971 & 1972. [Sugarbeets]. (Hun) Jermy, S *Cukoripar* 26 (3): 83-91. Eng. Sum. May/June 1973

088368 442.9 D23B
Jutland dwarf shrub heaths. Experimental investigations on influence on vegetation of various types of heath management. (Dan) Bocher, T W *Danske Videnskabernes Selskab Biol Skr* 19 (5), 55 P. Map. Ref. Eng. Sum. 1972

088369 104 D41A
Factors influencing seed yields in lucerne. Nielsen, H M *Denmark Vet-landbohojsk Arsskr* 226: 160-172. Ref. 1973

088370 280.8 D493
Village community & paddy agriculture in south India. A case study of Abinnimangalam village. [Rice]. Nakamura, H *Developing Econ* 10 (2): 141-165. Map. June 1972

088371 105.8 G36E
Plant cultivation & integrated plant protection. (Ger) Debruck, J *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 15-37. Ref. 1972

088372 10 EX72
Nature of competition between weeds & rice for nitrogen under dry land conditions. Chakraborty, T *Exp Agr* 9 (3): 219-223. July 1973

088373 HD9016.I4F3
Bisagi moong, a profitable intercrop in sugarcane. Sivaraman, G A *Farm Fact* 7 (5): 10-12. Mar 1973

088374 HD9016.I4F3
Ssline lands can yield rice crops. Rao, P V *Farm Fact* 7 (5): 13-15. Mar 1973

088375 HD9016.I4F3
Cultivation of safflower as oil-crop. Lodna, M *Farm Fact* 7 (5): 6-9. Mar 1973

088376 HD9016.I4F3
KRR 2, a white seeded Sesamum strain [Sesame]. Muhammad, V *Farm Fact* 7 (6): 13-14. Apr 1973

088377 22 F223
Production & problems of rice fallows cotton in Krishna District – Andhra Pradesh. 1. Adinarayan, S *Farm J (calcutta)* 14 (2): 12-17. Dec 1972

088378 22 F223
Study on improved methods of cultivation of pulses: effect of sowing-date on grain yeild of lentil (Lens esculenta Monech). [Legumes]. Roquib, M A *Farm J (calcutta)* 14 (2): 17-19. Dec 1972

088379 22 F223
Pusa 2-21 – a promising short duration rice variety for Tripura. Gupta, N D *Farm J (calcutta)* 14 (2): 26-27. Dec 1972

088380 22 F223
Note on performance of late-sown dwarf wheat (Triticum aestivum L.) in West Bengal. Sengupta, K *Farm J (calcutta)* 24 (4/5): 16-17. Feb/Mar 1973

088381 22 F223
Behaviour of different soybean (Glycine max. (L) Merril) varieties on calcareous soils of Udaipur (Rajasthan). Nagda, B L *Farm J (calcutta)* 24 (4/5): 23-27. Feb/-Mar 1973

088382 24 SO842
Lupins in South-eastern Transvaal Highveld. Zyl, L G van *Farming S Afr* 48 (12): 4-7, 10. Mar 1973

088383 SF1.A4
Effect of fire on grassland in the Alberta aspen parkland. [Canada]. Anderson, M L *Feeders' Day Dep Anim Sci Univ Alberta* 51St: 47-49. June 1972

088384 SF1.A4
Annual forage trials. [Canada]. Walton, P D *Feeders' Day Dep Anim Sci Univ Alberta* 51St: 52-53. June 1972

088385 SF1.A4
Perennial forage breeding projects. Walton, P D *Feeders' Day Dep Anim Sci Univ Alberta* 52: 52-54. 1973

088386 18 W763
Multi-shift complex use of harvesting equipment: Major conclusion from cereal harvest 1972. (Ger) Winzler, M *Feldwirtschaft* 14 (5): 197-199. May 1973

088387 18 W763
Thorough preparation for grain harvest. (Ger) Grimmecke, W *Feldwirtschaft* 14 (6): 245-246. June 1973

088388 18 W763
Wheat breeds of USSR: Their importance to intensification of cereal production in cooperative farm of Vippachedelahusen. (Ger) Findeis, P *Feldwirtschaft* 14 (6): 246-247. June 1973

088389 18 W763
Mowing-threshing properties of cereal varieties in German Democratic Republic. (Ger) Beese, G *Feldwirtschaft* 14 (6): 248-251. Map. June 1973

088390 18 W763
Better utilization of nutrients in maize plants. (Ger) Steikhardt, H *Feldwirtschaft* 14 (6): 251-255. June 1973

088391 18 W763
Groundwater regulation experimental plant 'untere Havel-Dosse' Utilization, management, & yeilds in 1972. [Forage plant]. (Ger) Hartmann, H *Feldwirtschaft* 14 (6): 257-258. June 1973

088392 18 W763
Possible applications of reed canary grass. [Phalaris]. (Ger) Schalitz, G *Feldwirtschaft* 14 (6): 266-268. June 1973

088393 18 W763
Effects of cutting date on feed quality & yield of green forage crops. (Ger) Beyer, M *Feldwirtschaft* 14 (6): 269-272. June 1973

088394 57.8 F4123
Yield & quality of maize germplasms-nitrogen effect in Tarai. Choudary, P N *Fert News* 18 (4): 55-56. Apr 1973

088395 HG41.F5
Hybrid-4 cotton seed production & cultivation. Patel, C T *Financ Agric* 4 (4): 62-65. Jan 1973

088396 19 F75
Variable yield performance of soil & fertilizer nutrients effect total yield of grassland. (Ger) Kosmat, H *Forderungsdienst* 21 (3): 91-95. Mar 1973

088397 14 F844B
Tillage & minimal culture ib south of France: Experimentation & observations on wheat & corn. (Fre) Grignac, P *France Min Agr Bull Tech Inform* 278 (Special No.): 255-260. Mar/Apr 1973

088398 S51.E22
List of theses & dissertations on peanuts & peanut related research. III. [Bibliography]. Cheek, E *Ga Agr Exp Sta Res Rep* 164, 20 P. Ref. June 1973

088399 24 G252
Sisal from Brazil. (Por) *Gaz Agr Angola* 18 (4): 235, 237-238. Apr 1973

088400 24 G564
Variations in maize population & yield & effects of spacing different grain numbers per planting hole on yields. Takyi, S K *Ghana Farmer* 16 (2): 64-67. Map. Dec 1972

088401 280.9 G56A
Growth of acreage under raw cotton in India 1851 – 1901 – a quantitative account. Guha, A *Gokhale Inst Polit Econ J* 15 (1): 1-56. Ref. Mar 1973

088402 43.8 G69
Teosinte, a good green fodder. [Euchlaena]. Singh, A K *Gosamvardhana* 20 (8/9): 13-14. Nov/Dec 1972

088403 100 AL1H
Trends in crop production in Alabama. [Field crops, crop yields]. Yeager, J H *Highlights Agr Res (ala Sta)* 20 (2): 9. Summer 1973

088404 49.9 H57
Control of grazing behavior & hematological aspects of adaptation to range environments in grazing cow-calf herd. (Jap) Watanabe, S *Himeji Chugoku Agr Exp Sta Bull B* 19: 1-38. Ref. Eng. Sum. Nov 1972

088405 SB1.H6
'shoshoni' pecan. Madden, G D *Hortscience* 8 (3): 230. June 1973

088406 TC805.C6 1972
Cropping patterns during & after reclamation. Aukema, J J *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 2: 27.315-27.324. Map. 1972

088407 QC997.W38 1971
Agronomic implications of long-term weather forecasting. Hudson, J P *In Weather Forecasting for Agriculture and Industry* P. 44-55. 1972

088408 22 IN294
Path-coefficient analysis of some characters influencing seed yield of soybean (Glycine max (L.) Merr.). Sengupta, K *Indian Agr* 16 (2): 149-154. 1972

088409 22 IN294
Physiological basis of varietal difference in yield of high yielding rice varieties. Hazra, S K *Indian Agr* 16 (2): 183-192. Ref. 1972

088410 22 IN283
To make soybean better accepted. [culture]. Singh, K B *Indian Farming* 22 (9): 33, 37. Dec 1972

088411 22 IN283
Mulching means more moisture. [Barley]. Ali, M *Indian Farming* 22 (9): 38-39 Dec 1972

088412 22 IN283
Early runner. Groundnut for Chotanagpur, Santhal Parganas. Rai, U K *Indian Farming* 22 (9): 42-43. Dec 1972

088413 22 IN283
Crambe abyssinica, a newly introduced oilseed. Asthana, A N *Indian Farming* 22 (9): 44. Dec 1972

088414 389.8 IN26
Technological qualities of some wheat varieties intended for production of pastes. (Rum) Moldoveanu, G *Indus Aliment (bucuresti)* 24 (2): 82-85. Ref. Eng. Sum. Feb 1973

088415 65.8 IN23
Trials in density with monogerm genetic types of sugar beets in Bologna plain. (Ita) Antoniani, C *Indus Sac Ital* 66 (1): 7-11. Eng. Sum. Jan/Feb 1973

088416 S15.A7
'out of type' plants in sorghum stands. (Spa) Parodi, R A *Inf Tec Inst Nac Tecnol Agropecu Estac Exp Agropecu (manfre Di)* 47, 9 P. Mar 1972

088417 16 IT1
Culture of rice in Southern Italy. (Ita) Iannelli, P *Ital Agr* 110 (2): 225-246. Ref. Feb 1973

088418 58.8 J82
Measurement of some parameters of different spring wheat varieties affecting combine harvesting losses. Koning, K de *J Agr Eng Res* 18 (2): 107-115. June 1973

088419 10 J822
Studies on agronomy, genetics & interrelationships of yeild & its morphological components in a diallel set of families of Lolium perenne L. Thomson, A J *J Agr Sci (London)* 80 (3): 511-520. Ref. June 1973

088420 26 J822
Wild cereals & pseudo-cereals harvested in central Sahara (Ahaggar). (Fre) Gast, M *J Agr Trop Bot Appl* 19 (1/3): 50-58. Jan/Mar 1972 (Pub. 1973)

088421 26 J822
An American Panicum colonizes West Africa, Panicum laxum Sw. (Fre) Adam, J G *J Agr Trop Bot Appl* 19 (1/3): 59-62. Map. Jan/Mar 1972 (Pub. 1973)

088422 23 W52J
Crop variety recommendations for 1973. [Australia]. Fisher, H M *J Agr West Aust* 14 (1): (Ser. 4): 150-153. Maps. Mar 1973

088423 23 W52J
Wheat quality in W.A. [Western Australia]. Parish, J A *J Agr West Aust* 14 (1): (Ser. 4): 156-160. Mar 1973

088424 S671.J62
Effect of soil moisture stress on yield & seasonal water requirement of wheat. Pandey, R N *J Agric Eng* 9 (3): 19-23. Ref. Sept 1972

088425 389.8 J823
Potentialities of rice-based multiple cropping systems in terms of harvesting of protein, carbohydrates & energy. Nair, P K R *J Food Sci Technol (mysore)* 9 (4): 193-195. Dec 1972

088426 66.9 J27 SUPPL.
Studies on succession cropping of sugar beets. 4. transition of root yield & sugar content in successive ten years. [Rhizoctonia, polymyxa]. (Jap) Masuda, T *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 101-113. Eng. Sum. 1972

088427 66.9 J27 SUPPL.
Studies on 'sugar beet nursing plant'. 1. Outlines of performance. (Jap) Okamura, T *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 137-144. Eng. Sum. 1972

088428 66.9 J27 SUPPL.
Study on cultivation method of sugar beets in Kitami District. 6. Influence of planting density & amount of fertilizer to sugar content & quality of root. (Jap) Otsuchi, K *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 151-156. Eng. Sum. 1972

088429 66.9 J27 SUPPL.
On improvement of thinning method in transplanting culture of sugar beets. (Jap) Sekiguchi, A *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 169-172. Eng. Sum. 1972

088430 66.9 J27 SUPPL.
On labor-saving cultivation of sugarbeet. 2. combinations of work steps & their experimental results. (Jap) Chikaishi, T *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 17-26. Eng. Sum. 1972

088431 66.9 J27 SUPPL.
Studies on rooting characteristics from paper-pot in transplanting culture of sugar beet on converted upland field. (Jap) Sekiguchi, A *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 173-177. Eng. Sum. 1972

088432 66.9 J27 SUPPL.
Influence of drying methods after harvest on quality of sugar beet seed. (Jap) Tsukishima, N *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 199-205. Eng. Sum. 1972

088433 66.9 J27 SUPPL.
Sugar beet cultivation on converted upland field in Hoduto area. (Jap) Usui, H *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 207-214. Eng. Sum. 1972

088434 66.9 J27 SUPPL.
A preliminary report on non-thinning cultivation of sugar beets. (Jap) Yamaguchi, T *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 245-252. Eng. Sum. 1972

088435 66.9 J27 SUPPL.
Relation between stand & root yield of sugar beets in mechanical planting of monogerm seeds. (Jap) Imai, M *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 27-34. Eng. Sum. 1972

088436 66.9 J27 SUPPL.
Studies on saving labor in paperpot transplanting system of sugar beets using monogerm seeds. (Jap) Katagi, I *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 57-62. Eng. Sum. 1972

088437 S19.J3
Shifting of cropping season of rice plant & its growth in ther warmer district in Japan. Samoto, K *JArq (j Agr Res Quart)* 7 (1): 6-10. 1973

088438 107.6 K832
Soil sturcture of plowed layer at paddy fields in direct-sowing rice culture under upland condition. (Jap) Dei, Y *Konosu Cent Agr Exp Sta J* 17: 135-148. Ref. Eng. Sum. Mar 1973

088439 HD1491.G3K6
Scientific organization of work & socialist intensification in plant production. (Ger) Krupper, H *Kooperation* 7 (5): 197-198. May 1973

088440 281.28 K96
Irrigation & fertilizer use. [Pearlmillet]. Akhouri, M M P *Kurukshetra* 21 (14): 6. Apr 16, 1973

088441 100 L935
An analysis of trends in yields of major field crops in Louisiana. Fielder, L L *La Agr Exp Sta Dae Res Rep* 446, 31 P. Oct 1972

088442 100 L935
Effects of production practices on corn yields, costs, & returns in Louisiana. Nelson, R C *La Agr Exp Sta Dac Res Rep* 447, 62 P. Nov 1972

088443 105.2 OR3
Prospects for suaflower as an arable crop in Netherlands. (Dut) Dantuma, G *Landbouwkundig Tijdschr* 85 (5): 143-146. Eng. Sum. Mar 1973

088444 18 L49
Soil building crop rotations. (Ger) Heinze, H *Lebendige Erde* 2: 44-46. Mar/Apr 1973

088445 18 L49
Crop rotation in farming on biological-dynamic farms. (Ger) Wistinghausen, C von *Lebendige Erde* 2: 47-49. Mar/Apr 1973

088446 43.8 B392
Before you bale you've got to mow: getting best out of your mower. [Grasses]. Butterworth, B *Livest Farming* 10 (5): 29-31. May 1973

088447 58.8 M186
Some data on rice culture in Surinam. [Mechanization]. (Fre) La Moigne, M *Mach Agr Trop* 41: 25-33. Map. Eng. Sum. Jan/Mar 1973

088448 22 M262
Economics of I. R. 8 paddy – a case study. [Rice]. Subramanian, S R *Madras Agr J* 60 (3): 192-195. Mar 1973

088449 22 M262
Studies on Asiriya Mwitunde a groundnut variety from Tanzania. Muhammad, S V *Madras Agr J* 60 (3): 207-209. Mar 1973

088450 10 M312
Plant varieties & seeds (Isle of Man) order, 1969. *Manx J Agr* (New Ser.) 27: 51-53. Spring 1973

088451 58.8 M4623
Technology of soil preparation, application of herbicides & planting of soybeans. (Rum) Traistaru, F *Mec Elec Agr* 18 (4): 63-70. Apr 1973

088452 S19.M6
Response of fertilizer on paddy. Sharma, A N *Mod Agric* 3 (1): 37-39. Jan/Feb 1972

088453 S19.M6
Rice research & extension in Maharashtra State. Joshi, K G *Mod Agric* 3 (1): 45-47. Jan/Feb 1972

088454 S19.M6
New high yielding rice varieties. Rao, M J B *Mod Agric* 3 (2): 19-20. Mar/Apr 1972

088455 S19.M6
Agricultural research in Andhra Pradesh. [Field crops]. Subramanyam, K *Mod Agric* 3 (2): 69-71. Mar/Apr 1972

088456 S19.M6
Role of Andhra Pradesh Agricultural University. [Field crops]. Rao, S V *Mod Agric* 3 (2): 73-75. Mar/Apr 1972

088457 S19.M6
Scientific multiple cropping. Swaminathan, M S *Mod Agric* 3 (2): 9-12. Mar-/Apr 1972

088458 S19.M6
India on threshold of rice revolution. [Cultivation]. Kanwar, J S *Mod Agric* 3 (3): 13. May/June 1972

088459 S19.M6
Legumes & soil fertility. Iswaran, V *Mod Agric* 3 (3): 17-18. May/June 1972

088460 100 M76 (1)
Management of Lutana cicer milkvetch for hay, pasture, seed, & conservation uses. [Astragalus cicer]. Stroh, J R *Mont Agr Exp Sta Bull* 66, 17 P. Ref. Nov 1972

088461 100 M69MI
Planting method, plant population influence on cotton performance. Bridge, R R *MAFES Res Highlights (miss Agric For Exp Stn)* 36 (6): 1, 6. June 1973

088462 100 M69MI
Summer fallowing helps establish cottonwood on old fields. [Populus]. Baker, J B *MAFES Res Highlights (miss Agric For Exp Stn)* 36 (6): 5. June 1973

088463 100 N465R
Evaluations of sainfoin & cicer milkvetch in New Mexico. [Astragalus cicer]. Melton, B *N Mex Agr Exp Sta Res Rep* 255, 8 P. Ref. May 1973

088464 450 N21
Plants for novices. [Adromischus]. Ginns, R *Nat Cactus Succulent J* 28 (2): 39-40. June 1973

088465 450 N21
Cultivation of Echinocerei. Cheetham, G E *Nat Cactus Succulent J* 28 (2): 41-42. June 1973

088466 12 N3892
Experimental studies on seed production of tropical grasses in Kenya. 6. effect of harvest date on seed yield in varieties of Setaria sphacelata, Chloris gayana & Panicum coloratum. Boonman, J C *Neth J Agr Sci* 21 (1): 3-11. 1973

088467 12 N3892
Experimental studies on seed production of tropical grasses in Kenya. 6. effect of harvest date on seed yield in varieties of Setaria sphacelata, Chloris gayana & Panicum coloratum. Boonman, J G *Neth J Agr Sci* 21 (1): 3-11. 1973

088468 60.19 N48
Seed source of certain grasses in relation to high altitude revegetation. Ritchie, I M *New Zeal Grassland Ass Proc* 34Th: 107-121. Map. 1973

088469 60.19 N48
Oversowing grasses on sunny & & shady faces. White, J G H *New Zeal Grassland Ass Proc* 34Th: 139-146. 1973

088470 60.19 N48
Pasture establishment by surface sowing in Te Anau District. Marshall, D R *New Zeal Grassland Ass Proc* 34Th: 24-29. 1973

088471 60.19 N48
A farming picture: all-grass wintering in Southland. Miller, D T *New Zeal Grassland Ass Proc* 34Th: 37-41. 1973

088472 60.19 N48
Grass wintering & its implications in Southland. Halford, R E *New Zeal Grassland Ass Proc* 34Th: 42-48. 1973

088473 60.19 N48
Wintering without crops – problems involved. Brown, K R *New Zeal Grassland Ass Proc* 34Th: 49-59. Ref. 1973

088474 20.5 N86
Fertilization & utilization of permanent grassland on light & insufficiently moist soils. (Pol) Nazaruk, M *Nowe Roln* 22 (10): 10-12. May 16/31, 1973

088475 20.5 N86
Practical instructions for bringing grassland into cultivation by complementary sowing. (Pol) Szydlowska, K *Nowe Roln* 22 (10): 16-18. May 16/31, 1973

088476 20.5 N86
Optimum forage production in areas with high percentage of grassland. (Pol) Mikolajczak, A *Nowe Roln* 22 (10): 22-24. May 16/31, 1973

088477 20.5 N86
Forage problems on state farms. (Pol) Ostrowski, T *Nowe Roln* 22 (10): 25-28. May 16/31, 1973

088478 S11.N93
Technology & methods for salvaging straw. (Dan) Pedersen, H *Nye Dan Landbrug* 4 (6): 4-5, 7-9. June 1973

088479 100 OH32
Ohio forage report – 1972. [Varieties, yields]. Van Keuren, R W *Ohio Agr Res Develop Cent Agron Dep Mimeogr Ser* 195, 22 P. Mar 1973

088480 99.9 OX2
Taungya – exploitation or symbiosis? (with particular reference to Kenyan conditions). [Silviculture. Agronomy]. Wamugunda, B G *Oxofrd Univ Forest Soc J* (Ser.7) 3: 23-24. 1973

088481 500 P112
Marijuana. [Hemp culture]. McClintock, E *Pacific Discovery* 26 (4): 11-15. July/Aug 1973

088482 72.8 P172
Cotton production with special reference to cotton breeding in Pakistan. Memon, A M *Pakistan Cottons* 17 (2): 48-53. Jan 1973

088483 464.8 P21
Differentiation between physiologic forms of loose smut of cereals (Ustilago nuda (Jens.) Rostr. & Ustilago nuda f. tritici (Jens.) Schaff.) by polacrylamide gel column electrophoreses. (Fre) Dutrecq, A *Parasitica* 28 (1): 25-32. Egn. Sum. 1972

088484 60.39 P46
Some views on improvement, cultivation, trade, & consumption of leguminous plants. (Dut) Lammers, R P *Peulvruchten Stud Combinatie* P. 10-41. 1972

088485 21 R862
Some trends in production of main field crops. (Rum) Saulescu, N *Probl Agr (bucharest)* 25 (2): 65-71. Feb 1973

088486 281.9 B87
Can one know value of permanent pastures? (Fre) Plancquaert, P *Prod Agr Fr* 49 (128): 13. Apr 2, 1973

088487 281.9 B87
Sunflower varieties. (Fre) Rollier, M *Prod Agr Fr* 49 (128): 16-17. Apr 2, 1973

088488 6 P9452
A deferred-rotation grazing system for southwestern ranges. Schmutz, E M *Progr Agr Ariz* 25 (2): 12-13. Mar/Apr 1973

088489 6 P9452
Consumptive use & irrigation management for high-yielding wheats in central Arizona. Erie, L J *Progr Agr Ariz* 25 (2): 14-15. Mar/Apr 1973

088490 S19.P7
Which paddy variety to transplant when. [Rice]. Saini, S S *Progr Farming* 9 (10): 10. June 1973

088491 S19.P7
Harvest groundnut M-13 at right maturity for more yield. Saini, J S *Progr Farming* 9 (10): 5. June 1973

088492 S19.P7
Arhar is a potential kharif pulse of Punjab. Singh, K B *Progr Farming* 9 (10): 6. June 1973

088493 S19.P7
Raising good rice nursery. Chela, K S *Progr Farming* 9 (10): 7. June 1973

088494 S19.P7
Arhar-wheat is a good rotation. Sandhu, H S *Progr Farming* 9 (10): 8. June 1973

088495 S19.P7
Present status of hybrid bajra. [Pearlmillet]. Gill, K S *Progr Farming* 9 (8): 7-8. Apr 1973

088496 44.9 R13
A study of dung patch reduction of pasture. [Management, dairy cattle]. (Jap) Mizo, H *Rakuno-gakuen Daigaku Hokkaido J Kiyo* 4 (2): 99-109. Ref. Eng. Sum. Dec 1972

088497 24 SO863
A system of veld classification & management planning. Edwards, P J *Repub S Afr Dep Agr Tech Serv Tech Commun* 102, 12 P. June 1972

088498 S537.V5A1
Essex soybean. Smith, T J *Res Div Bull Va Polytech Inst State Univ* 82, 4 P. July 1973

088499 24 R323
Pastures; some aspects of development 'sweet pasture' in southern Angola (Bacia do Cunene). (Por) Costa, F M da *Rev Agr (mocambique)* 15 (154): 20-21. Jan 1973

088500 307.8 R32
Soybean culture in France: Perspectives. (Fre) Chone, E *Rev Franc Corps Gras* 20 (4): 211-215. Map. Eng. Sum. Apr 1973

088501 HD1491.S9U52
Corn culture. (Fre) Vez, A *Rev UFA (union Fed Coop Agric Suisses)* 2: 1-4. Mar 1973

088502 59.8 R36
Good irrigation management saves rice farm water, money. Goodwin, J C *Rice J* 76 (5): 12-15. May 1973

088503 20.5 R59 SER. A
Methods of hemp variety testing. III. effect of fibre sampling upon results of its quality estimation. (Pol) Woyke, T *Rocz Nauk Roln Ser A Rosl* 98 (2): 179-192. 1973

088504 64.9 C33
Some findings regarding forming of yields of summer barley. (Cze) Strnad, P *Rostlinna Vyroba* 19 (2): 141-146. Eng. Sum. Feb 1973

088505 21 P75
Variety microtrials with sugar beet in 1971. (Cro) Andelkovic, M *Savremena Poljoprivreda* 20 (10): 55-70. Eng. Sum. 1972

088506 21 P75
Dynamics of wheat production on socially owned farms in Yugoslavia. (Cro) Vujanic, N *Savremena Poljoprivreda* 20 (10): 81-93. 1972

088507 21 P75
Triticum monococcum L. From Yugoslavia. (Cro) Pavicevic, L *Savremena Poljoprivreda* 20 (11/12): 101-104. Ref. 1972

088508 21 P75
Studies in effect of depth of tillage for maize in a wheat-maize rotation. (Cro) Peric, D *Savremena Poljoprivreda* 20 (11/12): 33-40. Ref. Eng. Sum. 1972

088509 21 P75
Biserka – early high-yielding wheat variety. [Yugoslavia]. (Cro) Borojevic, S *Savremena Poljoprivreda* 20 (11/12): 5-18. Eng. Sum. 1972

088510 17 SCH93
Natural forage crops, seeded forage corps: Methods for production of a high value grass feed. (Ger) Koblet, R *Schweiz Landwirt Monatsh* 51 (3): 101-124. Ref. Mar 1973

088511 S13.S55
Methods of planting Bromus inermis. (Rus) Kuliakhtin, M F *Sib Vestn S-kh Nauk* 2: 24-28. Mar/Apr 1973

088512 S13.S55
Effect of physicomechanical properties of forage root crops on rate & methods of harvesting. [Beets, turnips]. (Rus) Nesterov, N N *Sib Vestn S-kh Nauk* 2: 80-86. Ref. Mar/Apr 1973

088513 69.9 R34
Oriental tobacco culture. *Southern Rhodesia Tobacco Res Board Bull* 12, 46 P. Apr 1973

088514 66.8 SP7
Twenty years of progress of sugarbeet culture. Burtch, L M *Spreckels Sugar Beet Bull* 36 (1): 4-5. 1973

088515 61.8 SV2
Cultivation of seed – what are research & test people doing? [Field crops]. (Swe) Cedell, T *Svensk Frotidn* 42 (6): 85-88. June 15, 1973

088516 61.8 SV2
Yield estimate of seed in Ostergotland County, 1972. [Field crops]. (Swe) Ljungberg, G *Svensk Frotidn* 42 (6): 88-90. June 15, 1973

088517 275.249 G81
Death of Director General of [Agriculture] Xenophon Papavasileiou. [Agronomists]. (Gre) *Synchronos Georgia (mod Agric)* 1: 2-3. Jan/Feb 1973

088518 464.8 SP2
Economic potential of tropical grazing lands. [Range management]. Whyte, R O *SPan (shell Publ Health Agr News)* 16 (1): 18-20. 1973

088519 464.8 SP2
Research in grain legume improvement. [Breeding, culture]. Rachie, K O *SPan (shell Publ Health Agr News)* 16 (1): 9-12. 1973

088520 HD1975.A6T4
Experiments in culture of some varieties of sunflowers in drained & irrigated zone in Southern Italy. (Ita) Girotto, G *Terra Pugliese* 22 (2/3): 57-61. Feb mar 1973

088521 100 T31M
Grain sorghum performance tests in Rolling & High Plains of Texas, 1972. Walker, H J *Tex Agr Exp Sta Mp-* 1077, 69 P., Map. Mar 1973

088522 11 T439
Times for & ways of harvesting broadbeans. (Dan) Pedersen, K E *Tidsskr Planteavl I405000* 77 (2): 212-216. Eng. Sum. 1973

088523 11 T439
Yield relationships of agricultural crops. II. Oil plants & legumes. (Dan) Lund, E W *Tidsskr Planteavl* 77 (2): 206-211. Eng. Sum. 1973

088524 49 T445
How to get good quality hay'. (Ger) Papendick, K *Tierzuchter* 25 (5): 202, 204-205. May 5, 1973

088525 HD9130.1.T6
Effects of leaf pruning on some characteristics of tobacco plants. Suggs, C W *Tob Sci* 16: 68-70. 1972

088526 26 T754
Effect of Asulox & Asulox Actril D on yield & quality of two sugar-cane varieties. [Herbicides]. Goberdhan, L C *Trop Agr (st Augustine)* 50 (3): 249-252. July 1973

088527 SB197.A1T7
Plant introduction & reseeding in mulga zone. [Australia, Acacia aneura]. O'Donnell, J F *Trop Grasslands* 7 (1): 105-110. Ref. Mar 1973

088528 SB197.A1T7
Tree density effects on yields of herbage & tree components in south west queensland mulga (Acacia aneura F. Muell.) Scrub. Beale, I F *Trop Grasslands* 7 (1): 135-142. Ref. Mar 1973

088529 SB197.A1T7
Mulga lands of Australia, symposium held at Charleville, Queensland, August 22-24 1972. [Acacia aneura, ranges]. *Trop Grasslands* 7 (1): 170 P. Mar 1973

088530 SB111.A2T72
Some aspects of ley farming in relation to moisture with cultivated pastures in regions with summer rainfall & winter dryness of warm moderate climatic zones. [Eragrostis curvula]. (Ger) Schendel, U *Tropenlandwirt* 74: 76-93. Ref. Eng. Sum. Apr 1973

088531 24 T839
Grain varieties recommended for each region. [Wheat, barley, oats]. (Fre) Maamouri, A R *Tunis Inst Rebois Doc Tech* 59, 23 P. Map. Aug 1972

088532 S3.T8
Assessing range condition. Foran, B *Turnoff* 4 (1): 28-31. Sept 1972

088533 S3.T8
A soybean industry could develop. Airey, D *Turnoff* 4 (1): 32-33. Sept 1972

088534 1 AG84AH
Culture of sweet sorghum for syrup production. Freeman, K C *U S D A Agr Handb* 441, 30 P. Ref. May 1973

088535 A99.9 F7652
Two-stage stratified sampling to estimate herbage yield. [Grasses]. Conrad, C E *U S Forest Serv Res Note PSw* 278, 6 P. 1973

088536 A99.9 F764U
Plant development & yield on mountain grasslands in southwestern Montana. [Range management]. Mueggler, W F *U S Forest Serv Res Pap Int* 124, 20 P. Ref. May 1972

088537 A99.9 F7652P
Rest-rotation grazing at Harvey Valley ... Range health, cattle gains, costs. Ratliff, R D *U S Forest Serv Res Pap PSw* 77, 24 P. Ref. 1972

088538 474 UM7
Biometrical decision aids in plant production. [Cereals]. (Ger) Reiner, L *Umschau* 73 (12): 357-363. Eng. Sum. June 15, 1973

088539 11 UP62A
Variety trials for straw, grain & oil yielding plant crops, 1973. (Swe) Bengtsson, A *Uppsala Lantbrukshogsk Aktuellt Lantbrukshogsk* 189, 24 P. 1972

088540 20 AK1
Economically valuable traits in tetraploid rye relative to various planting norms. (Rus) Kuvarin, V V *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 5: 20-21. May 1973

088541 20 AK1
Improving yield capacity of high-lysine corn hybrids. (Rus) Musiiko, A S *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 5: 4-5. May 1973

088542 100 W52CU
1972 west Virginia hybrid corn performance trials. Balasko, J A *W Va Agr Exp Sta Curr Rep* 62, 21 P. Mar 1973

088543 105.2 V61V
On seed production of tropical grasses in Kenya. Boonman, J G *Wageningen Cent Landouwpubl Landbou Verslag Landbouwkund Ore* 7948 15 P. 1973

088544 281.8 W892
Problems of sugar-cane production in Sudan. Abu-Zeid, M O *World Crops* 25 (3): 132-135. Map. Ref. May/June 1973

088545 18 J825
External & internal grain quality in durum wheat from crops in south-west Germany. (Ger) Snoy, M *Z Acker& Pflanz* 137 (1): 24-34. Map. Eng. Sum. Mar 1973

088546 18 J825
Influence of spacing on grain yield & dry-matter content in maize for grain. (Ger) Hepting, L *Z Acker& Pflanz* 137 (1): 46-56. Ref. Eng. Sum. Mar 1973

088547 18 J825
Perennial cultivated rye. II. Preliminary viewpoints on its field cultivation. (Ger) Hondelmann, W *Z Acker& Pflanz* 137 (1): 69-74. Eng. Sum. Mar 1973

088548 49 Z6
Efficient utilization of meadows – an important objective. (Rus) Terekhova, K T *Zhivotnovodstvo* 5: 36-39. May 1973

088549 49 Z6
White sweetclover – annual & valuable forage plant. [Culture]. (Rus) Zhuravlev, A A *Zhivotnovodstvo* 5: 44-45. May 1973

HORTICULTURAL CROPS — CULTURE

088550 S544.3.W6W53
Fruit cultivars for northern Wisconsin. Anderson, E E *A Coop Ext Programs Univ Wis* A2488, 2 P. Apr 1973

088551 80 AC82
Selection & classification of mango rootstocks in nursery stage. Majumdar, P K *Acta Hort* 24: 101-106. Mar 1972

088552 80 AC82
Harvesting, storage & transport of mango. Mukherjee, P K *Acta Hort* 24: 251-258. Ref. Mar 1972

088553 S19.A32
An evaluation of some types of bhindi (Abelmoschus esculentus-l-moench) for fibre production. [Okra]. Basu, N C *Agric Agro-ind J* 6 (4): 29-33. Ref. Apr 1973

088554 22.5 N682
Production techniques on garden plants. 9. Fertilization. (Jap) Tsurushima, H *Agric Hortic* 48 (5): 122-126. May 1973

088555 22.5 N682
Operation systematization for fruit culture & its future courses. 2. (Jap) Takenaka, K *Agric Hortic* 48 (5): 17-20. May 1973

088556 22.5 N682
Horticulture of flowering plants for sightseeing. 1. (Jap) Yokogi, S *Agric Hortic* 48 (5): 29-32. May 1973

088557 22.5 N682
Present status & basic direction in technical development of citrus orchards in Kyushu. 2. [Yield, disease control]. (Jap) Maramatsu, H *Agric Hortic* 48 (5): 41-45. May 1973

088558 22.5 N682
Relation between cropping season & fruit quality of muskmelon in greenhouse culture. (Jap) Suda, Y *Agric Hortic* 48 (5): 73-78. May 1973

088559 22.5 N682
Condiment plant culture & management. 2. [Japanese pepper, onions]. (Jap) Nishigaki, S *Agric Hortic* 48 (5): 79-82. May 1973

088560 22.5 N682
Varietal ecology & cultural management of stocks. [Mathiola incana]. (Jap) Fujita, M *Agric Hortic* 48 (5): 83-87. May 1973

088561 22.5 N682
Lilium bulb production & cultivation. 2. (Jap) Yoshida, T *Agric Hortic* 48 (5): 88-91. Ref. May 1973

088562 22.5 N682
Studies on bud grafting of chestnut. 5. [Castanea]. (Jap) Izaki, M *Agric Hortic* 48 (5): 93-94. May 1973

088563 1.98 AG84
Tell-tale glow. [Aflatoxin, Aspergillus flavus, corn, contamination]. *Agric Res* 21 (12): 11-12. June 1973

088564 14 AG823
Glance at development of plasticulture in world. [Greenhouse culture]. (Fre) Buclon, F *Agric Rev Men Tech Econ* 365: 144-150. May 1973

088565 21.5 AG84
Ecological map for use in fruit culture. (Cro) Kovacevic, J *Agron Glas* 36 (7/8): 453-455. 1972

088566 26 AG87
Tacarigua: a new variety of black bean (Phaseolus vulgaris L.). (Spa) Ortega Y, S *Agron Trop (maracay)* 22 (4): 435-438. Eng. Sum. July/Aug 1972

088567 100 AL1S (1)
Production practices for pimiento pepper – fertilizer rates, plant spacings, & varietal strains. Johnson, W A *Ala Agr Exp Sta Bull* 444, 17 P. Feb 1973

088568 61.9 SV22
Early maturing field beans. (Swe) Sjodin, J *Allmanna Svenska Utsadesaktiebol Svalof* 1: 27-31. 1973

088569 84 AL6
Notes from Long Island. [Rock plants]. Ripley, D *Alp Gard Soc Quart Bull* 41 (2): 125-131. June 1973

088570 84 AL6
A capillary watering system. [Alpine gardens]. Garthwaite, J M *Alp Gard Soc Quart Bull* 41 (2): 149-150. June 1973

088571 80 N216
Maples of Japan. [Acer palmatum]. Vertrees, J D *Amer Hort Mag* 52 (2): 10-14. Summer 1973

088572 80 N216
Horticulture in New Orleans. Pope, T E *Amer Hort Mag* 52 (2): 15-17. Summer 1973

088573 80 N216
People-plant interaction: A new horticultural perspective. Lewis, C A *Amer Hort Mag* 52 (2): 18-24. Summer 1973

088574 80 N216
Remarkable new race: peonies. [Paeonia]. Smirnow, L *Amer Hort Mag* 52 (2): 27-30. Summer 1973

088575 80 N216
Ground covers labor-saving plants. Epstein, H *Amer Hort Mag* 52 (2): 38-45. Summer 1973

088576 80 N216
Gulf Coast gardening notes form garden show, WYES TV. Lamar, L M *Amer Hort Mag* 52 (2): 8-9. Summer 1973

088577 80 AM329
Orchids for beginner. 6. An environment for growing. Northen, R T *Amer Orchid Soc Bull* 42 (6): 484-491. June 1973

088578 80 AM329
A second century of orchidaceous plants, edited by James Bateman. Duveen, D I *Amer Orchid Soc Bull* 42 (6): 508-509. June 1973

088579 75.8 P842
Cell wall thickness during growth of domestic & foreign potato cultivars. Reeve, R M *Amer Potato J* 50 (6): 204-211. Ref. June 1973

088580 75.8 P842
Hudson: a high yielding variety resistant to golden nematode. [Potatoes]. Plaisted, R L *Amer Potato J* 50 (6): 212-215. June 1973

088581 80 C733
Ethrel & machine harvest-one-two punch for increased profits. [Tomatoes]. Sullivan, G H *Amer Veg Grower* 21 (6): 14, 16, 18. June 1973

088582 20 AN7
Rubus arcticus L. & its cultivation. Ryynanen, A *Ann Agr Fenn* 12, 76 P. Map. Ref. 1973

088583 451 AR1
Dwarf rhododendrons for rock garden. Caperci, B *Arboretum Bull* 36 (1): 8-10. Spring 1973

088584 80 AR13
An international day of study & information: Mechanized harvest of fruits. (Fre) *Arboricult Fruitiere* 230: 21-28. Apr 1973

088585 80 AR2
Present situation & development trends of application of mathematical methods in horticultural science & practice. (Ger) Seidel, E *Arch Gartenbau* 21 (3): 169-185. Ref. Eng. Sum. 1973

088586 100 AR42F
Four new crapemyrtles: Centennial, Victor, Hope, Ozark Spring. [Lagerstroemia indica]. Einert, A E *Ark Farm Res* 22 (3): 3. May/June 1973

088587 100 AR42F
Bush Purple Hull, a new southern pea. Bowers, J L *Ark Farm Res* 22 (3): 4. May/June 1973

088588 16 AV9
Advice for a good seed of potatoes; sprouting. (Ita) *Avvenire Agr* 81 (2): 38-39. Feb 1973

088589 S65.K4
How to produce commercial sod. Watkins, H *AGR Dep Agron Univ Ky Coop Ext Serv* 10, 3 P. Oct 1972

088590 S11.B43
Planting in country. [Landscaping]. (Dut) Boer, J C J de *Bedrijfsontwikkeling* 4 (4): 295-299. Map. Apr 1973

088591 21.5 B87
Results of comparative study of some varieties of beans. (Alb) Shkodrani, J *Bul Shkencave Bujqesore* 11 (4): 27-40. Eng. Sum. 1972

088592 80 B54
Developmental tendency of vegetable crops production in Czechoslovakia. (Pol) Vlcek, F *Byul Warzywniczy* (Suppl. 13): 93-97. Eng. Sum. 1972 (Pub. 1973)

088593 80 B54
Developmental tendency of vegetable crops production in Czechoslovakia. (Pol) Vlcek, F *Byul Warzywniczy* 13 (Suppl.): 93-97. Eng. Sum. 1972 (Pub. 1973)

088594 451 C11
Crassulas in California gardens. Brown, J R *Cactus Succulent J* 45 (1): 36-38. Jan/-Feb 1973

088595 100 C12CAG
Trunk development of young trees. [Ornamental plants]. Harris, R W *Calif Agr* 27 (4): 7-9. Apr 1973

088596 80 C125
Fruit bearing zones in California citrus trees. Boswell, S B *Calif Citrogr* 58 (8): 288, 311-312. June 1973

088597 450 C16
Some morphological & physiological features of several Red Delicious apple sports. Meheriuk, M *Can J Plant Sci* 53 (2): 335-339. Apr 1973

088598 450 C16
Haida red raspberry. Daubeny, H A *Can J Plant Sci* 53 (2): 345-346. Apr 1973

088599 450 C16
Holiday strawberry. Ourecky, D K *Can J Plant Sci* 53 (2): 347-348. Apr 1973

088600 450 C16
Acadia, Evangeline, Gabriel, & Grand Pre rhododendrons. Craig, D L *Can J Plant Sci* 53 (2): 355. Apr 1973

088601 450 C16
Redstaker a new staking tomato. Walkof, C *Can J Plant Sci* 53 (2): 363. Apr 1973

088602 80 C352
How to get 20 kilogram yield on a square meter? [Mushrooms]. (Ger) Vedder, P J C *Champignon* 140: R -14. Apr 1973

088603 80 C352
History of Pheurotus ostreatus cultivation. (Ger) Steineck, H *Champignon* 140: 5-8. Ref. Apr 1973

088604 80 C352
A contribution to cultivation techniques of Flammulina velutipes. (Ger) Zadrazil, F *Champignon* 141: 13-10. May 1973

088605 80 C352
Cultivation, yield & keeping quality of Pleurotus Florid a FovoSe. (Ger) Zadrazil, F *Champignon* 141: 17-19, 22-24. May 1973

088606 80 C352
How to get to 20 kilogramm? iI. [Mushrooms]. (Ger) Vedder, P J C *Champignon* 141: 26-34. May 1973

088607 80 C352
Old & new facts on culture of Pleurotus ostreatus. (Ger) Eger, G *Champignon* 141: 7-12. Ref. May 1973

088608 65.8 C41
Cultural methods of interplanting of sweetpotato seedlings in sugarcane plantation. (Chi) Hu, C Y *Che Pao (sugar Cane Bull)* 41 (6): 18-23. June 5 1973

088609 80 C495
Citrus variety improvement in South Africa. Calavan, E Cc *Citrus Grow Subtrop Fruit J* 472: 9, 11, 18. Apr 1973

088610 80 C495
Citrus variety improvement in South Africa. 2. Calavan, E C *Citrus Grow Subtrop Fruit J* 473: 12-16. May 1973

088611 80 C83
Revival of Victorian rose. Brooke, H *Country Life (london)* 153 (3966): 1875. June 28, 1973

088612 80 C83
Variety in leaf & flower: contrast in garden design iI. Wood, D *Country Life (london)* 154 (3964): 1718-1719. June 14, 1973

088613 80 C83
A garden of ingenious design, Horsted Place, Sussex. Roper, L *Country Life (london)* 154 (3967): 6-8. July 5, 1973

088614 103 EA7
Pruning Bramley's seedling apple. Preston, A P *East Malling Res Sta Annu Rep* P. 199. 1973

088615 103 EA7
Apple rootstocks for intensive & semiintensive orchards. Parry, M S *East Malling Res Sta Annu Rep* P. 201-203. 1973

088616 105.8 G36E
Economical aspects of special cultures in Hesse. [Fruits, vegetables, ornamental plants, nurseries]. (Ger) Kalinke, H *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 248-278. Ref. 1972

088617 105.8 G36E
Vegetation cover for unproductive areas. (Ger) Skirde, W *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 351-361. 1972

088618 105.8 G36E
Possibilities of extensive land utilization & landscape architecture. (Ger) Spitzer, H *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 38-57. Ref. 1972

088619 10 EX72
Effects of defoliation & topping on semiupright cowpeas [Vigna unguiculata (L.) Walp.] in a humid tropical environment. Ezedinma, F O C *Exp Agr* 9 (3): 203-207. Ref. July 1973

088620 102.5 EX7
Economic aspects of pineapple culture in 'Metalurgical zone' of Minais Gerais. [Returns]. (Por) Ribeiro, J C *Experientiae* 15 (3): 59-89. Ref. Eng. Sum. Feb 1973

088621 HD9016.I4F3
Means to improve pulses production in Thanjavur delta. Venugopal, K *Farm Fact* 7 (5): 29-31. Mar 1973

088622 HD9016.I4F3
A note on performance of certain tomato varieties. Ramanathan, T *Farm Fact* 7 (5): 32-33. Mar 1973

088623 HD9016.I4F3
Litchi. [Lychee]. Polappan, S *Farm Fact* 7 (5): 34. Mar 1973

088624 HD9016.I4F3
Bhendi as a seed crop pays more. Thamburaj, S *Farm Fact* 7 (5): 35-36. Mar 1973

088625 HD9016.I4F3
Pod quality study in avarai. [Hyacinth dolichos]. Rajagopalan, C K *Farm Fact* 7 (6): 22. Apr 1973

088626 HD9016.I4F3
Produce your own seeds of tomato. Thamburaj, S *Farm Fact* 7 (6): 31-33. Apr 1973

088627 22 F223
Sweet peas for your garden. [Lathyrus odoratus]. Tewari, G N *Farm J (calcutta)* 14 (2): 29-30. Dec 1972

088628 22 F223
Performance of two varieties of cabbage as affected by gibberellic acid (GA) treatment. Sharma, J P *Farm J (calcutta)* 14 (3): 14-18. Jan 1973

088629 22 F223
Cultivation of French beans. Singh, A *Farm J (calcutta)* 24 (4/5): 9-11. Feb/Mar 1973

088630 S19.F37
'fewtrell orange' – an early mandarin variety ofr North India. *Farmer Parliament* 8 (1): 19-20. Jan 1973

088631 S19.F37
Litchi – a promising fruit crop in Bihar. Singh, A K *Farmer Parliament* 8 (2): 15-16, 24. Feb 1973

088632 24 SO842
How many seed potatoes per hectare? Mallett, J B *Farming S Afr* 48 (12): 11. Mar 1973

088633 24 SO842
Nursery trees must be true-to-type. Allan, P *Farming S Afr* 48 (12): 38-40. Mar 1973

088634 24 SO842
Many stems...high yeilds. [Potatoes]. Mallett, J B *Farming S Afr* 48 (12): 8, 10. Mar 1973

088635 HG41.F5
Apples of Kashmir. Dikshit, A P *Financ Agric* 4 (4): 60-61. Jan 1973

088636 80 W41
Assembly-line kalanchoes. Batson, F *Florists' Rev* 152 (3943): 20-21, 55-56. June 28, 1973

088637 80 W41
A guide to year-round production of minor potted crops. 9. Rex begonia, beautiful. Batson, F *Florists' Rev* 152 (3945): 17-18. July 12, 1973

088638 SB403.F5
Work of amateurs. [Iris]. Benson, C W *Flower & Gard North Ed* 17 (6): 18-20. June 1973

088639 SB403.F5
Possibilities in grasses. [Gardening]. Hockenberry, M *Flower & Gard North Ed* 17 (6): 22-23. June 1973

088640 SB403.F5
Animals that are friends to your garden. Baldauf, R J *Flower & Gard North Ed* 17 (6): 26-28. June 1973

088641 SB403.F5
Ever hear of staking ferns? [Pteridophyta]. Taloumis, G *Flower & Gard North Ed* 17 (6): 46. June 1973

088642 SB403.F5
Consider a green garden. Taloumis, G *Flower & Gard North Ed* 17 (7): 35-36. Jul 1973

088643 SB403.F5
Take a look at lilies. [Lilium]. Tiemann, O R *Flower & Gard North Ed* 17 (7): 8-10. July 1973

088644 99.8 F7724
More Sorbus aucuparia for landscape architecture & for bird protection. (Ger) Ebert, W *Forst-holzwirt* 28 (11): 216-217. June 10, 1973

088645 14 F844B
Example of development of soil maintenance techniques in fruit culture, [Apples, pears, fertilizers]. (Fre) Gagnard, J *France Min Agr Bull Tech Inform* 278 (Special No.): 267-276. Mar/Apr 1973

088646 14 F844B
New cultural techniques in vineyard. [Herbicides]. (Fre) Agulhon, R *France Min Agr Bull Tech Inform* 278 (Special No.): 277-293. Ref. Mar/Apr 1973

088647 SB354.F78
Soil treatment & cultivation techniques in fruit growing. (Dan) Vang-Petersen, O *Frugtavleren* 2 (5): 180-183. May 1973

088648 80 F948
Cultivation of Chinese gooseberry (or Actinidia). Wolstenholme, B N *Fruit World Market Grower* 74 (4): 22-23. Apr 1973

088649 80 F948
Rootstocks for pears selected by Professor A. F de Wet. Stadler, J D *Fruit World Market Grower* 74 (4): 24-26. Apr 1973

088650 80 R52
Prospects of chemical thinning of apples in Italy. (Ita) Cobianchi, D *Frutticoltura* 35 (3/4): 21-27. Ref. Mar/Apr 1973

088651 80 G1635
Iris on parade. Dwyer, J E *Gard J* 23 (3): 66-67. June 1973

088652 80 G1635
Growing street trees in containers. Flemmer, W *Gard J* 23 (3): 82-88. June 1973

088653 80 G1948
News on methods of vegetable growing in Soviet Union. (Ger) Belik, V F *Gartenbau* 20 (5): 127-129. May 1973

088654 80 G1948
Industry-like organization of mushroom production in special units. IV. (Ger) Kornau, H *Gartenbau* 20 (5): 136-137. May 1973

088655 80 G1948
Development of large fruit-growing areas – basis for continuous supply all year round. (Ger) Rechlin, E *Gartenbau* 20 (5): 138-139. May 1973

088656 80 G1948
More berries & sour cherries for adequate supply. (Ger) Zimmermann, H *Gartenbau* 20 (5): 140. May 1973

088657 80 G1948
Industry-like production of black currants. (Ger) Neubohn, G *Gartenbau* 20 (5): 141-142. May 1973

088658 80 G1948
Recommended bush berry varieties & their efficiency in intensive berry growing. (Ger) Sorge, P *Gartenbau* 20 (5): 143-144. May 1973

088659 80 G1948
Tasks & requirements of efficient sprinkler irrigation in stepwise transition to field vegetable production along industrial lines. (Ger) Vogel, G *Gartenbau* 20 (6): 157-160. Ref. June 1973

088660 80 G1948
Sprinkler irrigation of vegetable crops & its impact on economy of using semi-mobile sprinkler systems. (Ger) Forkel, H *Gartenbau* 20 (6): 163-165, June 1973

088661 80 G1948
Results of using roll-move sprinkler systems in vegetable production. (Ger) Henkel, A *Gartenbau* 20 (6): 165-167. June 1973

088662 80 G1948
Adequate levels of sprinkler irrigation at raised yield levels. (Ger) Henkel, A *Gartenbau* 20 (6): 168-169. June 1973

088663 80 G1948
Trends of fruit tree shaping in CMEA countries. [Council for Mutual Economic Assistance]. (Ger) Neumann, D *Gartenbau* 20 (6): 174/177. June 1973

088664 80 G1948
Developmental work in Soviet Union to mechanize tree & bush fruit harvest. [U.S.S.R.8. (Ger) Schuricht, R *Gartenbau* 20 (6): 177-178. June 1973

088665 80 G1948
Results of exchange of experience on fruit production along industrial lines in Moldavian SSR. [U.S.S.R.]. (Ger) Fehrmann, W *Gartenbau* 50 (6): 172-173. June 1973

088666 24 G252
Pineapple in Angola. (Por) Py, C *Gaz Agr Angola* 18 (4): 239, 241, 243, 245-246 Apr 1973

088667 281.8 G25
Present state of large-scale fruit production & certain problems of its extension in cooperative farms. [Hungary]. (Hun) Redai, I *Gazdalkodas* 17 (5): 27-36. Eng. Sum. 1973

088668 10 G79LA
Sweet corn. *Great Brit Min Agr Fish Food Adv Leafl* 297, Rev. 15 P. 1973

088669 80 H29
Perennial ornamental grasses for outdoors. (Dan) Norgaard, O *Haven* 73 (4): 170-172. Apr 1973

088670 80 H29
A plot of land for home garden. [Landscaping]. (Dan) Floto, E *Haven* 73 (4): 173-178. Apr 1973

088671 80 H29
Perennials for dry & sunny places. (Dan) Bertelsen, J *Haven* 73 (4): 179-181. Apr 1973

088672 80 H29
Growing Primula. (Dan) Rasmussen, T *Haven* 73 (4): 182-186. Map Apr 1973

088673 80 H29
A curious summer flower. [Orobanche crenata]. (Dan) Norgaard, O *Haven* 73 (4): 187. Apr 1973

088674 275.29 H312AE
Coconut as an ornamental. [Cocos nucifera]. Watson, D P *Hawaii Univ Ext Agr Econ Rep* 478, 13 P. May 1973

088675 275.29 H312AC
Ground covers for Hawaii landscapes. [Varieties]. Degen, J L *Hawaii Univ Ext Circ* 457, 40 P. May 1973

088676 275.29 H312AC
Coconut as an ornamental. [Cocos nucifera]. Watson, D P *Hawaii Univ Ext Circ* 478, 13 P. May 1973

088677 S544.3.H3H3
Proceedings, 2d annual Flower Growers Short Course. *Hawaii Univ Ext Misc Publ* 105, 18 P. May 1973

088678 80 H7892
Acceleration of tomato ripening by ethephon. Ashby, J P R *Hort Res* 12 (3): 201-203. 1972

088679 SB1.H6
Florida's program for economical citrus production. Jackson, L K *Hortscience* 8 (3): 162-164. June 1973

088680 SB1.H6
Educational institutions offering horticulture & landscape architecture programs in United States & Canada. Childers, N F *Hortscience* 8 (3): 165-168. June 1973

088681 SB1.H6
Response of cucumber to trellis vs. Ground culture. Konsler, T R *Hortscience* 8 (3): 220-221. June 1973

088682 81 ID12
Management of high density apple orchards. Heinicke, D R *Idaho State Hort Soc Trans* 78: 24-26. 1973?

088683 81 ID12
New concepts in training apple trees. Heinicke, D R *Idaho State Hort Soc Trans* 78: 26-35. 1973?

088684 81 ID12
Peach, nectarine & plum varieties. Krause, W D *Idaho State Hort Soc Trans* 78: 40-46. 1973?

088685 81 ID12
History of hybrid grape. Howell, M *Idaho State Hort Soc Trans* 78: 51-52. 1973?

088686 81 ID12
Apple variety evaluation – a never ending challenge. Ballard, J *Idaho State Hort Soc Trans* 78: 54-66. 1973?

088687 81 ID12
Orcharding in South Africa. [Apples]. Saxton, G *Idaho State Hort Soc Trans* 78: 66-67. 1973?

088688 81 ID12
Cherry bloom dates for Emmett, Idaho. Yost, G *Idaho State Hort Soc Trans* 78: 68-70. 1973?

088689 SB453.F37 1973
A few unusual narrow-leaved trees. [Evergreens]. Lewis, C E *In Faust, Joan Lee. The New York Times Garden Book* P. 104-106. 1973

088690 SB453.F37 1973
Small trees with flowers. Clark, R B *In Faust, Joan Lee. The New York Times Garden Book* P. 106-110. 1973

088691 SB453.F37 1973
Twelve nearly perfect trees. [Gardens]. Korbobo, R P *In Faust, Joan Lee. The New York Times Garden Book* P. 110-113. 1973

088692 SB453.F37 1973
Nut trees to grow in suburbs. Brooks, M *In Faust, Joan Lee. The New York Times Garden Book* P. 114-116. 1973

088693 SB453.F37 1973
Aromatic shrubs, herbs & flowers. Capen, B M *In Faust, Joan Lee. The New York Times Garden Book* P. 128-131. 1973

088694 SB453.F37 1973
Natural landscape. Hersey, J *In Faust, Joan Lee. The New York Times Garden Book* P. 13-17. 1973

088695 SB453.F37 1973
A bulb primer. Haring, E *In Faust, Joan Lee. The New York Times Garden Book* P. 131-134. 1973

088696 SB453.F37 1973
Narcissus are cheerful. Thomasson, R R *In Faust, Joan Lee. The New York Times Garden Book* P. 135-137. 1973

088697 SB453.F37 1973
Species tulips. Sutcliffe, A *In Faust, Joan Lee. The New York Times Garden Book* P. 138-139. 1973

088698 SB453.F37 1973
Little bulbs. Price, M *In Faust, Joan Lee. The New York Times Garden Book* P. 140-143. 1973

088699 SB453.F37 1973
Summer-flowering bulbs. Haislip, M P *In Faust, Joan Lee. The New York Times Garden Book* P. 145-148. 1973

088700 SB453.F37 1973
Annuals in a border. [Flowers]. Baron, M *In Faust, Joan Lee. The New York Times Garden Book* P. 149-152. 1973

088701 SB453.F37 1973
Flowers for drying. Grayson, E C *In Faust, Joan Lee. The New York Times Garden Book* P. 154-155. 1973

088702 SB453.F37 1973
Roses to grow for cutting. Rousch, I *In Faust, Joan Lee. The New York Times Garden Book* P. 156-158. 1973

088703 SB453.F37 1973
Miniature roses. Seckman, M C *In Faust, Joan Lee. The New York Times Garden Book* P. 158-161. 1973

088704 SB453.F37 1973
Roses of yesteryear. Thomson, R D *In Faust, Joan Lee. The New York Times Garden Book* P. 161-163. 1973

088705 SB453.F37 1973
Almanac for roses. Ross, R A *In Faust, Joan Lee. The New York Times Garden Book* P. 164-168. 1973

088706 SB453.F37 1973
Best of grass types. [Lawns]. Duich, J M *In Faust, Joan Lee. The New York Times Garden Book* P. 174-177. 1973

088707 SB453.F37 1973
Plant grass in fall. [Lawns]. Cornman, J F *In Faust, Joan Lee. The New York Times Garden Book* P. 179-181. 1973

088708 SB453.F37 1973
Spring lawn care. Cornman, J F *In Faust, Joan Lee. The New York Times Garden Book* P. 184-187. 1973

088709 SB453.F37 1973
Summer lawn care. Engel, R E *In Faust, Joan Lee. The New York Times Garden Book* P. 187-191. 1973

088710 SB453.F37 1973
Solutions for spring lawn problems. Cornman, J F *In Faust, Joan Lee. The New York Times Garden Book* P. 191-193. 1973

088711 SB453.F37 1973
Groundwork in city garden. Sutcliffe, A *In Faust, Joan Lee. The New York Times Garden Book* P. 202-206. 1973

088712 SB453.F37 1973
Plants to grown. [Gardens]. Grasby, N *In Faust, Joan Lee. The New York Times Garden Book* P. 206-210. 1973

088713 SB453.F37 1973
Place a tree to shade house. McKenna, P J *In Faust, Joan Lee. The New York Times Garden Book* P. 21-25. 1973

088714 SB453.F37 1973
An almanac for city gardeners. Lee, H *In Faust, Joan Lee. The New York Times Garden Book* P. 211-215. 1973

088715 SB453.F37 1973
Penthouse landscaping. Truex, P *In Faust, Joan Lee. The New York Times Garden Book* P. 215-219. 1973

088716 SB453.F37 1973
Moss planters for soilless gardening. Carle, G A *In Faust, Joan Lee. The New York Times Garden Book* P. 220-223. 1973

088717 SB453.F37 1973
Landscaping apartment plot. Rebhan, J R *In Faust, Joan Lee. The New York Times Garden Book* P. 223-226. 1973

088718 SB453.F37 1973
Planting by sea. [Gardens]. Rockwell, F F *In Faust, Joan Lee. The New York Times Garden Book* P. 227-229. 1973

088719 SB453.F37 1973
Flowers for summer cottage. Capen, B M *In Faust, Joan Lee. The New York Times Garden Book* P. 229-232. 1973

088720 SB453.F37 1973
A pool for waterlilies. Thomas, G L *In Faust, Joan Lee. The New York Times Garden Book* P. 232-230. 1973

088721 SB453.F37 1973
Getting started with wild flowers. Brown, J E *In Faust, Joan Lee. The New York Times Garden Book* P. 241-244. 1973

088722 SB453.F37 1973
Decorative roles for vegetables & fruit. Smith, N R *In Faust, Joan Lee. The New York Times Garden Book* P. 248-250. 1973

088723 SB453.F37 1973
Plants for sunless sites. [Garden]. Ireys, A R *In Faust, Joan Lee. The New York Times Garden Book* P. 25-28. 1973

088724 SB453.F37 1973
Vegetable garden primer. Coulter, F C *In Faust, Joan Lee. The New York Times Garden Book* P. 251-253. 1973

088725 SB453.F37 1973
Salad greens. Tirrell, R *In Faust, Joan Lee. The New York Times Garden Book* P. 253-257. 1973

088726 SB453.F37 1973
Tomatoes to grow. Clayberg, C D *In Faust, Joan Lee. The New York Times Garden Book* P. 258-259. 1973

088727 SB453.F37 1973
Fruits on a small scale. Christ, E G *In Faust, Joan Lee. The New York Times Garden Book* P. 262-265. 1973

088728 SB453.F37 1973
Raspberries. Slate, G L *In Faust, Joan Lee. The New York Times Garden Book* P. 268-270. 1973

088729 SB453.F37 1973
Fruit tree espalier. Leuthardt, H P *In Faust, Joan Lee. The New York Times Garden Book* P. 270-273. 1973

088730 SB453.F37 1973
New plants from tree & shrub cuttings. Thomasson, R R *In Faust, Joan Lee. The New York Times Garden Book* P. 280-284. 1973

088731 SB453.F37 1973
Propagating with hardwood cuttings. [Shrubs]. Meyer, K *In Faust, Joan Lee. The New York Times Garden Book* P. 284-286. 1973

088732 SB453.F37 1973
Wild flowers from seed. Brown, J E *In Faust, Joan Lee. The New York Times Garden Book* P. 287-290. 1973

088733 SB453.F37 1973
Biennials to sow in summer. [Plants]. Green, M S *In Faust, Joan Lee. The New York Times Garden Book* P. 290-292. 1973

088734 SB453.F37 1973
Perennials from seed. [Plants]. Allen, O E *In Faust, Joan Lee. The New York Times Garden Book* P. 292-294. 1973

088735 SB453.F37 1973
Versatile coldframe. Meyer, K *In Faust, Joan Lee. The New York Times Garden Book* P. 294-298. 1973

088736 SB453.F37 1973
Greenery to cover ground. [Landscape]. Lewis, C E *In Faust, Joan Lee. The New York Times Garden Book* P. 30-33. 1973

088737 SB453.F37 1973
Fancy foilage of indoor ferns. Foster, F G *In Faust, Joan Lee. The New York Times Garden Book* P. 302-307. 1973

088738 SB453.F37 1973
Scented geraniums. Ross, M E *In Faust, Joan Lee. The New York Times Garden Book* P. 307-308. 1973

088739 SB453.F37 1973
A moss-stick for climbing plants. Singer, W *In Faust, Joan Lee. The New York Times Garden Book* P. 309-310. 1973

088740 SB453.F37 1973
African violet hybridizing. Hutchens, P A *In Faust, Joan Lee. The New York Times Garden Book* P. 313-317. 1973

088741 SB453.F37 1973
Starting with seed. [Plants, gardens]. Allen, O E *In Faust, Joan Lee. The New York Times Garden Book* P. 318-319. 1973

088742 SB453.F37 1973
Air-layering for house plants. Singer, W *In Faust, Joan Lee. The New York Times Garden Book* P. 320-323. 1973

088743 SB453.F37 1973
Woodland terrarium. Paine, B B *In Faust, Joan Lee. The New York Times Garden Book* P. 326-329. 1973

088744 SB453.F37 1973
Bulbs will bloom indoors. Peters, R M *In Faust, Joan Lee. The New York Times Garden Book* P. 334-338. 1973

088745 SB453.F37 1973
Greenhouses for growing. Allen, O E *In Faust, Joan Lee. The New York Times Garden Book* P. 338-342. 1973

088746 SB453.F37 1973
Vines that climb. Howard, F *In Faust, Joan Lee. The New York Times Garden Book* P. 35-39. 1973

088747 SB453.F37 1973
Handsome hedges. Wyman, D *In Faust, Joan Lee. The New York Times Garden Book* P. 43-45. 1973

088748 SB453.F37 1973
Pointers on espalier. [Plants]. Bettes, R M *In Faust, Joan Lee. The New York Times Garden Book* P. 46-50. 1973

088749 SB453.F37 1973
Wise landscaping for family use. Lees, C B *In Faust, Joan Lee. The New York Times Garden Book* P. 5-9. 1973

088750 SB453.F37 1973
Garden lighting. Baron, M *In Faust, Joan Lee. The New York Times Garden Book* P. 50-54. 1973

088751 SB453.F37 1973
Trees & shrubs for summer bloom. Brooks, M *In Faust, Joan Lee. The New York Times Garden Book* P. 71-73. 1973

088752 SB453.F37 1973
Guide to needled evergreens. [Ornamentals]. Lewis, C E *In Faust, Joan Lee. The New York Times Garden Book* P. 73-81. 1973

088753 SB453.F37 1973
Modern rhododendrons. Goldman, A W *In Faust, Joan Lee. The New York Times Garden Book* P. 81-83. 1973

088754 SB453.F37 1973
Pruning rhododendrons. Goldman, A W *In Faust, Joan Lee. The New York Times Garden Book* P. 84-85. 1973

088755 SB453.F37 1973
Azaleas for May color. Leach, D G *In Faust, Joan Lee. The New York Times Garden Book* P. 87-90. 1973

088756 SB453.F37 1973
Open areas improve garden design. Capen, B M *In Faust, Joan Lee. The New York Times Garden Book* P. 9-13. 1973

088757 SB453.F37 1973
Camellias up north. Thomson, R *In Faust, Joan Lee. The New York Times Garden Book* P. 90-93. 1973

088758 SB453.F37 1973
Hollies for Northeast. Kosar, W F *In Faust, Joan Lee. The New York Times Garden Book* P. 93-97. 1973

088759 QC997.W38 1971
Weather forecasting requirements of specific types of agriculture & horticulture. Hogg, W H *In Weather Forecasting for Agriculture and Industry* P. 69-85. 1972

088760 QC997.W38 1971
Value & relevance of weather study & weather forecasting in profitable production of early potatoes. Thomas, W L *In Weather Forecasting for Agriculture and Industry* P. 86-98. 1972

088761 SB453.5.W47
Organic gardening – family-style. Horsley, S *In Western Organic Gardening* P. 109-112. 1972

088762 SB453.5.W47
My 'organic-trench-method' potatoes. Lang, E *In Western Organic Gardening* P. 121-124. 1972

088763 SB453.5.W47
Yuccas – hardy & elegant. Macomber, M *In Western Organic Gardening* P. 74-77. 1972

088764 SB453.5.W47
Solving California gardening problems. Tilsher, W G *In Western Organic Gardening* P. 78-92. Map. 1972

088765 SB453.5.W47
Winter gardening in California. Loving, T L *In Western Organic Gardening* P. 93-94. 1972

088766 SB453.5.W47
Gardening in city or suburbs; what you can grow in 100 square feet. Darlington, J *In Western Organic Gardening* P. 95-99. 1972

088767 SB453.5.W47
Urban gardening – without a garden. Olkowski, H *In Western Organic Gardening* P. 99-105. 1972

088768 22 IN294
Response of Colocasia to fertility levels. [Taro]. Mandal, R C *Indian Agr* 16 (2): 133-136. 1972

088769 22 IN294
Correlation studies in gram (Cicer arietinum L.) [Chick peas]. Bhardwaj, R P *Indian Agr* 16 (2): 205-207. 1972

088770 22 IN283
Pusa Lal Meeruti is new tomato variety. Jain, H K *Indian Farming* 22 (9): 29. Dec 1972

088771 80 IN23
Grape culture in northern India: Problems faced by growers. Khanduja, S D *Indian Hort* 17 (4): 11-12. Jan/Mar 1973

088772 80 IN23
You can grow yam in your homesteads. Saraswat, V N *Indian Hort* 17 (4): 16-17. Jan/Mar 1973

088773 80 IN23
Arka Chandan, carotene-rich pumpkin. Nath, P *Indian Hort* 17 (4): 19-20. Jan/-Mar 1973

088774 80 IN23
Khumbi, a popular mushroom of north. [Phellorinia inquinans, Podaxis pistillaris]. Munjal, R L *Indian Hort* 17 (4): 21-22. Jan/Mar 1973

088775 80 IN23
Cultivation of melons in Andhra Pradesh. Nagabhushanam, S *Indian Hort* 17 (4): 23-24, 28. Jan/Mar 1973

088776 80 IN23
Some new Indian roses. Swarup, V *Indian Hort* 17 (4): 25-28. Jan/Mar 1973

088777 80 IN23
Top pear varieties can be grown in plains. Singh, R N *Indian Hort* 17 (4): 3-5, 10. Jan/Mar 1973

088778 80 IN23
Ber varieties for western Rajasthan. [Jujibe]. Chopra, D P *Indian Hort* 17 (4): 6-7, 30. Jan/Mar 1973

088779 80 IN23
Girdling for better seedless grapes. Nath, N *Indian Hort* 17 (4): 8-10. Jan/Mar 1973

088780 22 AG83I
Effect of harvesting period on growth & yield of chicory (Cichorium intybus L.). Chaurasia, B D *Indian J Agr Sci* 42 (12): 1132-1134. Dec 1972

088781 425.8 IN22
Package of practices for mulberry cultivation. [Morus]. Kasiviswanathan, K *Indian Silk* 11 (9): 25-27. Jan 1973

088782 80 IN32
Hormones used for harvesting of olives. (Ita) Oralla, C *Inf Ortoflorofruttic* 13 (3/4): 7-9. Feb 15/28 1973

088783 80 IN32
Cultivation of celery at cost. (Ita) Turchi, A *Inf Ortoflorofruttic* 13 (7): 3-10. Apr 15, 1973

088784 80 IN32
Area destined for greenhouse culture in Spain, Bulgaria & Czechoslovakia. (Ita) Baratta, G *Inf Ortoflorofruttic* 4 (5/6): 14-15. Mar 15/31, 1973

088785 16 IT1
Reconversion of culture of apples. (Ita) Sansavini, S *Ital Agr* 110 (2): 151-184. Ref. Feb 1973

088786 16 IT1
Culture of peaches in Sicily: varietal directions. (Ita) Del Bosco, G F *Ital Agr* 110 (3): 349-354. Mar 1973

088787 16 IT1
Raspberries in Campania. (Ita) Malanga, R *Ital Agr* 110 (3): 355-360. Mar 1973

088788 22.5 J272
Notes on varieties of late maturing mandarin oranges. (Jap) Tanaka, N *J Agric Soc Jap* 3: 40-42. Mar 1973

088789 SB951.A1J3
Cultivation of cruciferous crops & pest control in Japan. [Vegetables]. Shirahama, K *Jap Pestic Inf* 15: 5-10. Apr 1973

088790 425.9 J273B
Studies on growth pattern & improvement of cultivation of mulberry trees in southern Japan. [Morus]. (Jap) Murakami, M *Jap Sericult Exp Sta Bull* 25 (4): 105-167. Ref. Eng. Sum. Dec 1972

088791 80 K122
State of banana production in Philippine Islands & its future. (Jap) Namikawa, Y *Kajitsu Nippon* 28 (4): 42-46. Map. 1973

088792 80 K122
Chemical thinning techniques for kaki persimmon. (Jap) Ishisaki, M *Kajitsu Nippon* 28 (4): 52-54. 1973

088793 80 K122
Traits & culture of apple varieties: on Aori No. 2 & 3. (Jap) Suzuki, N *Kajitsu Nippon* 28 (5): 46-47. May 1973

088794 80 K122
Greenhouse management for grape culture. (Jap) Koyama, T *Kajitsu Nippon* 28 (5): 62-66. May 1973

088795 389.8 K13
Recent trends in peach culture. (Jap) Harata, R *Kanzume Jiho* 52 (4): 12-17. Apr 1973

088796 389.8 K13
Problems in labor-saving culture of deciduous fruits. [Apple, peach, grape]. (Jap) Miya, R *Kanzume Jiho* 52 (4): 22-27. Apr 1973

088797 389.8 K13
Recent trends in cultural techniques for mandarin orange. (Jap) Hirose, W *Kanzume Jiho* 52 (4): 8-11. Apr 1973

088798 75.8 K145
Influence of calcium cyanamide on tuber yield & quality of potatoes. (Ger) Dambroth, M *Kartoffelbau* 24 (4): 100-101. Apr 1973

088799 SB127.K4
Growing seedlings in large pots. [Tomatoes]. (Hun) Korodi, L *Kert Egy Zoldsegtermesztesi Tansz Hajtatas Korai Termesztes* 4 (1): 7-8. Feb 1973

088800 SB13.K45
Evaluation of grape varieties of Matraalja wine region under large-scale conditions. (Hun) Koszegi, L *Kertgazdasag* K (1): 11-21. Ref. Eng. Sum. 1973

088801 SB13.K45
Relations between horticulture & transport. (Hun) Harmati, S *Kertgazdasag* 4 (4): 11-22. Eng. Sum. 1972

088802 SB13.K45
Requirements of canning industry on mechanized cucumber growing. (Hun) Palos, T *Kertgazdasag* 4 (4): 23-28. Eng. Sum. 1972

088803 SB13.K45
Tendencies of working place migration by young horticulturists as shown by a survey. (Hun) Tiba, I *Kertgazdasag* 4 (4): 69-78. Eng. Sum. 1972

088804 SB13.K45
What is present situation of Hungarian mushroom culture. (Hun) Balazs, S *Kertgazdasag* 4 (4): 79-87. 1972

088805 SB13.K45
Great ancestorrs-Gusztav Szontagh. [Horticulturists]. (Hun) Geday, G *Kertgazdasag* 4 (4): 88-90. 1972

088806 SB13.K45
Great ancestors: Janos Lippai. [Horticulturists]. (Hun) Geday, G *Kertgazdasag* 5 (1): 87-91. 1973

088807 105.9 H89
Data to obtainable size of significant differences in field-experiments with fruit-trees. (Hun) Terts, I *Kiserletugyi Kozlemenyek* 64 (1/3): 113-125. Eng. Sum. 1971 (Pub. 1973)

088808 105.9 H89
Examination o root-stock influence in vine-plantations of Eger. (Hun) Hegedus, A *Kiserletugyi Kozlemenyek* 64 (1/3): 33-47. Ref. Eng. Sum. 1971 (Pub. 1973)

088809 HD1491.G3K6
Catching up with demand – our joint aim. [Potatoes]. (Ger) Reissing, H *Kooperation* 7 (5): 216-219. May 1973

088810 99.8 K99
Development of edible mushroom production in old charcoal production area. (Jap) Kira, K *Kyushu Univ Res Inst Univ Forests Bull Kyushu Univ Forests* 47: 213-233. Eng. Sum. Mar 1973

088811 100 L939
Pruducing patio trees. [Varieties]. Brown, W L *La Agr* 16 (4): 6-7. Summer 1973

088812 11 L236
World's best radishes are grown in Greenland. (Nor) Paro, C *Landbrukstidende* 79 (17): 439-440. Apr 28, 1973

088813 18 L49
Results in conversion to more intensive field vegetable culture. (Ger) Pfeiffer, M *Lebendige Erde* 2: 50-52. Mar/Apr 1973

088814 100 M28S (1)
Costs, returns, & efficiency of potato production in Maine. Harlan, R K *Maine Life Sci Agr Exp Sta Bull* 701, 39 P. June 1973

088815 SB375.M32
Agro-economic studies on intercropping in pineapple. Lee, S A *Malay Pineapple Ind Board Malays Pineapple* 2: 23-32. 1972

088816 SB375.M32
Some common pineapple cultivars of West Malaysia. Wee, Y C *Malay Pineapple Ind Board Malays Pineapple* 2: 7-13. 1972

088817 80 M97
Economic aspects of mushroom harvesting. Ganney, G W *Mga Bull (Mushroom Growers Assoc)* 5: 208-211, 214-218. 220-224, 226-228. Ref. May 1973

088818 275.29 M66S
Let's take a look at organic gardening; health foods, composting, pest management, research, food additives, plant nutrition. *Minn Univ Ext Ext Bull* 377, 20 P. Ref. 1973

088819 S79.E3
Technology of production & processing sweet potatoes in Mississippi. Hammett, H L *Miss Agric For Exp Stn Bull* 795, 16 P. Feb 1973

088820 105.9 K696
Grading & sorting of various types of apricot. (Ger) Plock, H *Mitt Rebe Wein Obstbau Fruchteverwert* 23 (1): 53-65. Eng. Sum. Jan 1973

088821 S19.M6
Production & processing of seed in Bhendi. Kolhe, A K *Mod Agric* 3 (1): 55-57. Jan/Feb 1972

088822 S19.M6
Agricultural development in Gujarat. [Horticulture]. Patel, G A *Mod Agric* 3 (1): 69-70. Jan/Feb 1972

088823 S19.M6
A promising chili variety for Chattisgarh in Madhya Pradesh. Singh, P N *Mod Agric* 3 (1): 85-86. Jan/Feb 1972

088824 S19.M6
Scientific multiple cropping. II. [Vegetables]. Swaminathan, M S *Mod Agric* 3 (3): 9-11. May/June 1972

088825 451 P383
Poncirus trifoliata Hardy Orange. Abrams, G B *Morris Arboretum Bull* 24 (1): 5. Mar 1973

088826 100 M69MI
Horticulturist studies direct rooting of poinsettias. [Euphorbia pulcherrima]. Box, C O *MAFES Res Highlights (miss Agric For Exp Stn)* 36 (6): 4. June 1973

088827 275.29 N811
Garden manual. Hughes, G R *N C Univ Ext Ext Circ* 122, Rev., 12 P. Jan 1973

088828 275.29 N811
Commercial strawberry production. Brooks, J F *N C Univ Ext Ext Circ* 422, Rev., 15 P. Mar 1973

088829 275.29 N811
Growing trellised tomatoes in western North Carolina. Shelton, J E *N C Univ Ext Ext Circ* 475, Rev., 39 P. Feb 1973

088830 81 N46
Apple trees on EM-26 at Rutgers Fruit Research Center. Childers, N F *N J State Hort Soc Hort News* 54 (3): 8, 10-12, 14, 18. May 1973

088831 23 N47BP
Growing waratahs. 2d ed. [Telopea speciosissima]. *N S W Dep Agr Bull P* 52, 4 P. 1972

088832 S95.E24
1972 Wine meeting for amateurs agricultural experiment station, geneva. *N Y (state) Agric Exp Stn Geneva Spec Rep* 12, 19 P. Ref. May 1973

088833 S95.E24
New York site selection for wine grapes. Shaulis, N *N Y (state) Agric Exp Stn Geneva Spec Rep* 12: 3-6. Ref. May 1973

088834 S95.E24
Cultural practices. [grapevines]. Jordan, T D Agricultural Experiment Station, Geneva *N Y (state) Agric Exp Stn Geneva Spec Rep* 72: 7-9. May 1973

088835 QH5.N33
Landscape planning in Netherlands. (Ger) Verhoeve, J *NaturschutzNaturparke* 68: 41-42. 1St Quarter 1973

088836 12 N3892
Microstructure, soil strength & root development of asparagus on loamy sands in Netherlands. Reijmerink, A *Neth J Agr Sci* 21 (1): 24-43. Ref. 1973

088837 22.5 N684
Microclimate in bed of gravel culture. [Hydroponics, cucumbers]. (Jap) Takasu, K *Nogaku Kenkyu* 55 (1): 41-52. Mar 1973

088838 284.28 N77
Mechanization in agriculture & its related enterprises: greenhouse horticulture. (Jap) Yusa, K *Norin Kinyu* 26 (4): 27-43. Apr 1973

088839 80 N81
Lettuce & stalk celery. [Cultivation]. (Nor) Persson, A R *Norsk Hagetid* 89 (6): 162-166. June 1973

088840 80 N81
Hawaiian rose (Hibiscus). (Nor) Ellestad, B *Norsk Hagetid* 89 (6): 172. June 1973

088841 94.69 N81
Minor fruits (Amelanchier, elderberry, edible honeysuckle). Stang, E J *Northern Nut Growers Ass Annu Rep* 63: 100-102. 1972

088842 94.69 N81
Some major possibilities for a minor fruit. [American persimmon]. Talbott, J E *Northern Nut Growers Ass Annu Rep* 63: 103-105. 1972

088843 94.69 N81
'alpricots' – dual purpose apricots. Grimo, E *Northern Nut Growers Ass Annu Rep* 63: 105-107. 1972

088844 94.69 N81
Walnut grafting in Oregon: problems & solutions. Lagerstedt, H B *Northern Nut Growers Ass Annu Rep* 63: 17-23. 1972

088845 94.69 N81
Corrective pruning young black walnut trees: a new twist. Bey, C F *Northern Nut Growers Ass Annu Rep* 63: 26-28. 1972

088846 94.69 N81
Indoor grafting of nut trees. Jacobs, H L *Northern Nut Growers Ass Annu Rep* 63: 31-35. 1972

088847 94.69 N81
Propagating black walnut clones from rooted cuttings. Shreve, L W *Northern Nut Growers Ass Annu Rep* 63: 45-49. 1972

088848 94.69 N81
Early trials of Juglans regia varieties in Kansas. [Walnuts]. Shreve, L W *Northern Nut Growers Ass Annu Rep* 63: 51-53. 1972

088849 94.69 N81
Report on black walnut variety evaluation. MacDaniels, L H *Northern Nut Growers Ass Annu Rep* 63: 68-71. 1972

088850 94.69 N81
An evaluation of chestnut varieties – Crane, Orrin, & a hybrid of two. Hartmann, H *Northern Nut Growers Ass Annu Rep* 63: 73-75. 1972

088851 94.69 N81
Thoughts on expanding ranges of nut trees. Ashworth, F L *Northern Nut Growers Ass Annu Rep* 63: 86-89. 1972

088852 94.69 N81
To tame wild ones. [Fruits, nuts, breeding]. Gibson, M D *Northern Nut Growers Ass Annu Rep* 63: 90-94. 1972

088853 85 J76
Proper crown treatment of sweet cherry. (Ger) Zahn, F G *Obstbauversuchsring Alten Landes Mitt* 28 (3): 70-76. Ref. Mar 1973

088854 85 J76
Right measure in fruit tree prunning. (Ger) Saure, M *Obstbauversuchsring Alten Landes Mitt* 28 (4): 104-105. Apr 1973

088855 85 J76
Special view concerning the 'apple meadow' at Long Ashton. [Great Britain]. (Ger) Dammann, H J *Obstbauversuchsring Alten Landes Mitt* 28 (4): 111-112. Apr 1973

088856 85 J76
Road stabilization in fruit growing farms. (Ger) Bockstedte, W *Obstbauversuchsring Alten Landes Mitt* 28 (4): 113-114. Apr 1973

088857 81 OR32
Small-fruit growing in Italy & nearby countries. [Berries]. Scott, D H *Oreg Hort Soc (proc)* 64: 106-110. 1973

088858 81 OR32
Further studies on effect of chemical pruning on red raspberries. Sheets, W A *Oreg Hort Soc (proc)* 64: 120-121. 1973

088859 81 OR32
Wine potential for Oregon. [Grapes, varieties]. Garren, R *Oreg Hort Soc (proc)* 64: 125-128. 1973

088860 81 OR32
Economics of horticultural production & marketing in northwest. [Unites States]. Greig, W S *Oreg Hort Soc (proc)* 64: 139, 141-145, 147-149. Ref. 1973

088861 81 OR32
Narrow rows for snap beans. Peck, N H *Oreg Hort Soc (proc)* 64: 165-171. 1973

088862 81 OR32
Chemical thinning & guide for size-thinning Bartlett pears. Williams, M W *Oreg Hort Soc (proc)* 64: 51-53. 1973

088863 81 OR32
Estimates of tree size, bearing surface & yield of tree fruits & nuts. Chaplin, M H *Oreg Hort Soc (proc)* 64: 94-98. 1973

088864 450 P696
Studies on mineral ion absorption by plants. II. interaction between metabolic activity & rate of phosphorus uptake. White, R E *Plant Soil* 38 (3): 509-523. Ref. June 1973

088865 19.5 P752
Definition of biological environment of typical vineyards & wine-growing in Czechoslovakia. (Slo) Veres, A *Pol'nohospodarstvo* 19 (3): 229-236. Eng. Sum. 1973

088866 80 P77
Contribution to study of hazel tree. [Corylus]. (Fre) Barbeau, G *Pomol Franc* 15 (3): 51-54, 57-63. Mar 1973

088867 75.8 EU7
A comparison of two methods of recording stem densities in potato crop. Allen, E J *Potato Res* 16 (1): 10-20. Ref. Mar 1973

088868 75.8 EU7
Factors affecting culture in vitro of potato meristem tips. Pennazio, S *Potato Res* 16 (1): 20-29. Ref. Mar 1973

088869 75.8 EU7
Effect of cultivation procedure on liability to freezing of ground-keepers. [Potatoes]. Lumkes, L M *Potato Res* 16 (1): 57-60. Mar 1973

088870 21 R862
Agricultural applications of floristical research carried out on permanent lawns. (Rum) Barbulescu, C *Probl Agr (bucharest)* 25 (2): 15-23. Ref. Feb 1973

088871 81 W524
Labor & labor management. [Orchards]. Jaynes, O *Proc Annu Conv Natl Peach Counc* 32D: 104-106. 1973

088872 81 W524
Peach industry of West Virginia. Miller, E W *Proc Annu Conv Natl Peach Counc* 32D: 16-22. 1973

088873 81 W524
What is in future for National Peach Council. Phillips, R K *Proc Annu Conv Natl Peach Counc* 32D: 24-29. 1973

088874 81 W524
A national research & promotion plan for peaches. Jones, A R *Proc Annu Conv Natl Peach Counc* 32D: 53-58. 1973

088875 81 W524
Cultural factors affecting peach quality. Childers, N F *Proc Annu Conv Natl Peach Counc* 32D: 66-69. 1973

088876 81 W524
A look at USDA [United States Dept of Agriculture] research. [Peaches]. Edminster, T W *Proc Annu Conv Natl Peach Counc* 32D: 70-77. 1973

088877 S19.P7
Plant 'pathar nakh' for good return. [Fruit]. Mahal, M P S *Progr Farming* 9 (10): 11-12. June 1973

088878 S19.P7
Grow soybean for richer food. Singh, M *Progr Farming* 9 (10): 19-20. June 1973

088879 S19.P7
Grow papaya in kitchen garden. Sharma, J R *Progr Farming* 9 (8): 11, 13. Apr 1973

088880 S19.P7
Grow Kinnow with confidence. [Mandarin oranges]. Bajwa, M S *Progr Farming* 9 (8): 16-17. Apr 1973

088881 S19.P7
Phalsa – a quick yielding fruit. [Grewia asiatica]. Sandhu, S S *Progr Farming* 9 (8): 18-19. Apr 1973

088882 S19.P7
Role of Royal Agricultural-Horticultural Society in development of agriculture & horticulture in India. Bose, T K *Progr Farming* 9 (8): 20-21. Apr 1973

088883 14 P944
A garden? why? (Gre) Simon, G *Propr Terrienne* 26 (305): 161-164. May 1973

088884 14 P944
In orchard, specially for 'small land owners'. 5. New fruit forms. (Fre) Basteleus, R *Propr Terrienne* 26 (305): 172-173. May 1973

088885 SB13.P8
Pruning of fruit trees. Nijjar, G S *Punjab Hortic J* 12 (2/3): 134-143. Apr/Sept 1972

088886 SB13.P8
Fruit crop & quality regulation in Perlette variety of vinifera grapes. IV. Effect of pruning, bunch thinning, girdling, Sevin & gibberellic acid treatments. Sarowa, P S *Punjab Hortic J* 12 (2/3): 68-77. Apr/Sept 1972

088887 SB13.P8
Grape culture in Punjab. Nijjar, G S *Punjab Hortic J* 12 (4): 212-217. Oct/Dec 1972

088888 SB13.P8
Studies on irrigation of grape (Vitis vinifera) variety Anab-e-Shahi. Nijjar, G S *Punjab Hortic J* 12 (4): 218-227. Ref. Oct/Dec 1972

088889 SB13.P8
Effect of levels of nitrogen, phosphorus & potassium on yield in kufri Chandramukhi. [Potatoes]. Sharma, S C *Punjab Hortic J* 12 (4): 244-246 Oct/Dec 1972

088890 SB13.P8
Effect of date of sowing, spacing & picking of green pods on seed production of okra (Abelmoschus esculentus L. Moench). Grewal, B S *Punjab Hortic J* 12 (4): 248-254. Ref. Oct/Dec 1972

088891 SB950.A1P3
Control of Cercospora leafspot on groundnuts in Malawi & its effect on parameters of yield. Mercer, P C *PAns Pest Artic News Summ* 19 (2): 201-207. June 1973

088892 S537.W58W5
Research works for Wisconsin at Peninsular Experiment Station. [Fruit culture]. *R Res Div Coll Agric Life Sci Univ Wis* 2469, 31 P. Jan 1973

088893 S15.E892
Yield trial of F1 hybrids of Louco cabbage variety & Japanese F1 hybrids. (Por) Ikuta, H *Relat Cient Univ Sao Paulo Esc Super Agric Luiz de Queiroz Dep Genet Inst Genet* 6: 35-37. Eng. Sum. 1972

088894 100 N81R
A window to future. [Horticulture]. Byrd, T *Res Farming (n C Sta)* 30 (1/4): 10-11. Map. Summer 1972/Spring 1973

088895 100 N81R
Scientists use water capsules for plants. [Greenhouse culture]. Larson, R *Res Farming (n C Sta)* 30 (1/4): 13. Summer 1972/Spring 1973

088896 80 R3212
Weeping trees. (Fre) Schneider, J *Rev Hort Suisse* 46 (6): 127-130. June 1973

088897 SF1.R54
Fruit & vegetable culture; use of plastics abolishes seasons. (Ita) Fazio, F M *Rilancio Agric Vet Zootec* 5 (1): 8-10. 1973

088898 26 AG82
Pineapples in Azores; observations & research on a protected culture. (Ita) Orsi, M A *Riv Agr Subtrop Trop* 66 (4/9): 145-208. Map. Ref. Eng. Sum. Apr/Sept 1972

088899 26 AG82
Importance of citurs culture to economy of Cyprus. (Ita) Gerini, V *Riv Agr Subtrop Trop* 66 (4/9): 209-230. Map. Apr-/Sept 1972

088900 20.5 R59 SER. A
Spacing of potatoes grown for seed. I. growth dynamics of five potato varietis in relation to spacing. (Pol) Kusiorska, K *Rocz Nauk Roln Ser A Rosl* 98 (2): 149-163. Ref. Eng. Sum. 1973

088901 20.5 R59 SER. A
Spacing of potatoes grown for seed iI. Influence of spacing on tuber yield & grades of five varieties. (Pol) Kusiorska, K *Rocz Nauk Roln Ser A Rosl* 98 (2): 165-1779 ref. Eng. Sum. 1973

088902 100 SO8 (2)
Postharvest effects of plant growth regulators SADH [succinic acid-2,2-dimethylhydrazide] & ethephon as an aid to mechanical harvesting of peaches: a review. Sims, E T *S C Agr Exp Sta Circ* 165, 11 P. Ref. Apr 1973

088903 100 SO8 (2)
South Carolina native plants for home landscapes, ground covers to small trees. Floyd, J A *S C Agr Exp Sta Circ* 166, 11 P. Apr 1973

088904 80 SA15
Effectiveness of stand density of trees & fertilizers in t he peach orchard. (Rus) Esaian, G S *Sadov Vinogradarstvo Vinodelie Moldavii* 4: 15-17. Apr 1973

088905 80 SA15
New grape varieties for Moldavian sherry wine. (Rus) Ivanova, I P *Sadov Vinogradarstvo Vinodelie Moldavii* 4: 29-30. Apr 1973

088906 80 SA15
Horticulture in Kamensk District. (Rus) Liubinskii, V M *Sadov Vinogradarstvo Vinodelie Moldavii* 4: 5-7. Apr 1973

088907 80 SA15
State of ornamental horticulture in Moldavia. (Rus) Gorbach, V IA *Sadov Vinogradarstvo Vinodelie Moldavii* 4: 52-54. Apr 1973

088908 80 SA15
Experiment in growing rootstocks & grafts of grapes. (Rus) Stratu, S I *Sadov Vinogradarstvo Vinodelie Moldavii* 4: 8-11. Apr 1973

088909 80 SA15
Effect of irrigation, fertilizer application & planting me thods on yield & quality of grafted grape seedlings. (Rus) Babush, V N *Sadov Vinogradarstvo Vinodelie Moldavii* 4:35-38. Apr 1973

088910 21 P75
Effect of reconstruction of training shape of grapevine & number of eyes on grape yields, vegetation potential & must quality in grapevine variety Italian Riesling. (Cro) Avramov, L *Savremena Poljoprivreda* 20 (10): 31-47. Ref. Eng. Sum. 1972

088911 80 SCH9
Intensive cultivation in horticulture, 1972. (Ger) Schwarzenbach, W *Schweiz Z Obst Weinbau* 109 (11): 263-270. May 12, 1973

088912 80 SCH9
Conditions of farm & labor management in German Swis s strawberry culture. (Ger) Stahli, H R *Schweiz Z Obst Weinbau* 109 (6): 143-151. Mar 17, 1973

088913 80 SCH9
Results of close planting experiments with Boskoop variety. [Apples]. (Ger) Wirth, A *Schweiz Z Obst Weinbau* 109 (7): 176-181. Mar 31, 1973

088914 80 SCH9
Annual report of Swiss Wine Growers Association for 1972. (Ger) Tscharner, H *Schweiz Z Obst Weinbau* 109 (7): 190-197. Mar 31, 1973

088915 S15.I692
Coconut palms: production of seedlings. (Por) Santos, Z G dos *Ser Apostila IPEAL (inst Pesqui Agropecu Leste)* 5, 12 P. 1972

088916 9.6 SU7
Drainage requirements for bananas in young coastal plain. (Dut) Lenselink, K J *Surinaamse Landbouw* 20 (3): 22-36. Eng. Sum. 1972

088917 80 SV23
Soil structure & management. [Fruit culture]. (Swe) Ericsson, N A *SYr Inf Fruktodlaren (sver Yrkesfruktodlares Riksforb)* 15 (3): 21-22, 24-26. June 1973

088918 S411.F6
Selected terms on bananas. *Terminol Bull F A O* 24, 54 P. Ref. 1973

088919 11 T439
Variety trials with Iris sibirica L. 1969-1971. (Dan) Clausen, G *Tidsskr Planteavl* 77 (2): 156-160. Eng. Sum. 1973

088920 11 T439
Sprinkler irrigation of tulips, 1956/1970. (Dan) Rasmussen, E *Tidsskr Planteavl* 77 (2): 184-190. Eng. Sum. 1973

088921 11 T439
Blueprint cropping [Horticulture]. (Dan) Bredmose, N *Tidsskr Planteavl* 77 (2): 200-205. Ref. Eng. Sum. 1973

088922 11 T439
Methods for prediction of harvest maturity in cherries. Christensen, J V *Tidsskr Planteavl* 77 (2): 217-223. Ref. 1973

088923 11 T439
Seasonal variation in production time of Hedera canariensis Willd. 'Gloire de Marengo'. (Dan) Christensen, O V *Tidsskr Planteavl* 77 (2): 224-231. Eng. Sum. 1973

088924 11 T439
Effect of harvesting method & lifting date on corn production in Freesia hybrida hort. (Dan) Jensen, H E K *Tidsskr Planteavl* 77 (2): 255-261. Eng. Sum. 1973

088925 11 T439
Leguminous species, 1969/1971. [Broadbeans, peas]. (Dan) Flengmark, P *Tidsskr Planteavl* 77 (2): 262-268. Eng. Sum. 1973

088926 26 T754
Correlations among greater yam (Dioscorea alata 1.) cultivars. Martin, F W *Trop Agr (st Augustine)* 50 (3): 183-192. Ref. July 1973

088927 1 AG84HG
Thornless blackberries for home garden. Hull, J W *U S D A Home Gard Bull* 207, 6 P. May 1973

088928 95.8 V833
Estimating fruitfulness of grapevine buds by forest bursting in summer in tropics of India. Khanduja, S D *Vitis* 12 (1): 23-25. Ref. Mar 1973

088929 95.8 V833
Improvement of shoot tip yield of heat treated pot plants using culture on agar nutrient medium under sterile conditions. (Fre) Ottenwaelter, M M *Vitis* 12 (1): 46-48. Eng. Sum. Mar 1973

088930 100 V593
Minigardens with midget vegetables. Flanagan, T R *Vt Farm Home Sci* 15 (3): 4-5. Spring 1973

088931 100 V593
Lawn grasses – old & new. [Varieties]. Wood, G M *Vt Farm Home Sci* 15 (3): 8-9. Spring 1973

088932 95.8 W73
Green manuring, a biological valuable measure in viticulture. (Ger) Ruckenbauer, W *Winzer* 29 (3): 55-57. Mar 1973

088933 281.8 W892
Sowing date & yield of yam in Ghana. Koli, S E *World Crops* 25 (3): 126-127. Map. May/June 1973

088934 S131.E22
Wyoming potato clone evaluaton, 1972. Bohnenblust, K E *Wyo Agric Exp Stn Res J* 75, 6 P. May 1973

088935 80 OV64
Experience in growing pear-trees in form of wall. (Cze) Cifka, V *ZL (zahradnicke Listy)* 66 (2): 42-44. 1973

088936 80 OV64
Plastic material in domestic horticultural production. (Cze) Volf, M *ZL (zahradnicke Listy)* 66 (2): 54. 1973

088937 80 OV64
A technique for growing ornamental woody plants in bags. (Cze) Walter, V *ZL (zahradnicke Listy)* 66 (2): 56-57. 1973

088938 80 OV64
Rejuvenating kernel-fruit trees in an intensive culture. (Cze) Brabec, S *ZL (zahradnicke Listy)* 66 (3): 77-78. 1973

088939 80 OV64
Culture of miniature cyclamen. (Cze) Hedrlin, V *ZL (zahradnicke Listy)* 66 (3): 86-88. 1973

088940 80 OV64
Lilium as a garden plant. (Cze) Zmrhal, I *ZL (zahradnicke Listy)* 66 (3): 89-91. 1973

MISCELLANEOUS ECONOMIC PLANTS — CULTURE

088941 68.39 AM3A
CEPLAC [Program for Recovery of Rural economy in Cacao Farming] program in Brazil. Alvim, P de T *Annu Rep Am Cocoa Res Inst* P. 1-5. 1973

088942 68.39 AM3A
Cocoa research unit University of West Indies/Trinidad. Murray, D B *Annu Rep Am Cocoa Res Inst* P. 13-15. 1973

088943 68.39 AM3A
Cacao germplasm collection. Martin, F W *Annu Rep Am Cocoa Res Inst* P. 6-7. 1973

088944 68.39 AM3A
Research & training / INIAP [National Institute of Agricultural Research] Pichilingue, Ecuador. Ampuero, E *Annu Rep Am Cocoa Res Inst* P. 8-12. 1973

088945 16 AV9
Seeds of medicinal plants. (Ita) Maliani, C *Avvenire Agr* 81 (2): 43-44. Feb 1973

088946 424.8 B477
Planting time of honey-yielding flora. (Ger) Gotz, U *Bienenpflege* 11: 244-247. Nov 1972

088947 10 EX72
Effects of irrigation, mulch & N-fertilizers on yield components of Arabica coffee in Kenya. Cannell, M G R *Exp Agr* 9 (3): 225-232. Ref. July 1973

088948 HD9016.I4F3
Rubber production. [Hevea brasiliensis]. Ramdoss, G *Farm Fact* 7 (6): 29-30. Apr 1973

088949 22 F223
Tea in West Bengal. Eldy, C *Farm J (calcutta)* 14 (3): 31. Jan 1973

088950 24 G564
Black pepper & its potential as a spice in Ghana. [Piper nigrum]. Pospisil, F *Ghana Farmer* 16 (2): 70-81. Dec 1972

088951 424.8 IM43
Ivy (Hedera helix): A natural & cultural story of last honey plant of year. (Ger) Wittmann, O *Imkerfreund* 27 (10): 337-338. Oct 1972

088952 424.8 IM43
Beekeeper, now is still time for plants of early spring flowering. [Honey plants]. (Ger) Wittmann, O *Imkerfreund* 27 (11): 364-366. Nov 1972

088953 SB453.F37 1973
Herbs by kitchen door. Smith, N R *In Faust, Joan Lee. The New York Times Garden Book* P. 260-262. 1973

088954 QK575.R9K84
On mass culture of Wolffia arrhiza Wimmer in open pools of water. (Rus) IUnusov, I *In Kul'tivirovanie Vodoroslei i Vysshikh Vodnykh Rastenii V Uzbekistane* P. 116-119. 1972

088955 QK575.R9K84
On efficient utilization of aquatic swamp plants of Fergana Valley in economy. [Lemna, Phragmites, Potamogeton]. (Rus) Abdullaev, Dzh A *In Kul'tivirovanie Vodoroslei i Vysshikh Vodnykh Rastenii V Uzbekistane* P. 119-132. 1972

088956 QK575.R9K84
Mass culture of Lemna minor L. in southwestern Kyzyl-Kum area. (Rus) Narmukhamedov, Kh *In Kul'tivirovanie Vodoroslei i Vysshikh Vodnykh Rastenii V Uzbekistane* P. 136-140. 1972

088957 QK575.R9K84
Mass culture of protococcal algae in open. (Rus) Muzafarov, A M *In Kul'tivirovanie Vodoroslei i Vysshikh Vodnykh Rastenii V Uzbekistane* P. 3-58. Ref. 1972

088958 QK575.R9K84
Mass culture of microalgae in Bairam-Ali District of Turkmen SSR.[Feed]. (Rus) Ponirovskii, N G *In Kul'tivirovanie Vodoroslei i Vysshikh Vodnykh Rastenii V Uzbekistane* P. 63-65. 1972

088959 QK575.R9K84
Mass culture of nitrogen-fixing Cyanophyta algae in open. (Rus) Kuchkarova, M A *In Kul'tivirovanie Vodoroslei i Vysshikh Vodnykh Rastenii V Uzbekistane* P. 98-109. 1972

088960 SB453.5.W47
There's always room for herbs. Mecker, J J *In Western Organic Gardening* P. 116-121. 1972

088961 68.29 IN23M
Management factors in coffee production in south India. D'Souza, G I *Indian Coffee* 37 (2/3): 62-63. Feb/Mar 1973

088962 22 IN283
Grow scented-leaved geranium. [Pelargonium roseum, essential oils]. Gupta, R *Indian Farming* 22 (9): 20-21, 23. Dec 1972

088963 SB270.J6
Sprinkler irrigation for coffee. I. Studies on rainfall pattern & soil moisture. Awatramani, N A *J Coffee Res* 3 (1): 3-13. Jan 1973

088964 68.18 OK3
Correlation between yield & weight of 100 plucked shoots in mature tea plant. (Jap) Amma, S *Jap Tea Res Sta Stud Tea* 45: 1-5. Eng. Sum. Mar 1973

088965 68.18 OK3
Relationship between characters of young tea seedlings in nursery period & yield at maturity of same seedlings. (Jap) Amma, S *Jap Tea Res Sta Stud Tea* 45: 6-10. Ref. Eng. Sum. Mar 1973

088966 S7.L35
Central African Republic: limiting factors of rural coffee culture. (Ger) Bernhard, M *Landwirt Ausl* 7 (2): 31-33. Mar/Apr 1973

088967 S19.M6
Rubber plantations in South Kanara kistrict. Rajan, B K C *Mod Agric* 3 (2): 65-67. Mar/Apr 1972

088968 77.8 OL2
Expansion of oil palm planting. [Palmae]. (Fre) Hartley, C W S *Oleagineux* 28 (3): 115-122. Ref. Eng. Sum. Mar 1973

088969 424.8 P295
Sainfoin & sweetclover – valuable honey plants of Donets Basin. [Apis mellifera]. (Rus) Senchenko, F *Pchelovodstvo* 11: 16-17. Nov 1972

088970 22 P693
More light on early pioneers of tea in north-east India. Tessier-Yandell, J *Planters Chron* 68 (11): 229-230. June 1, 1973

088971 S19.P7
Mentha – a new hope for Punjab farmers. Bains, D S *Progr Farming* 9 (10): 9. June 1973

088972 SB290.A1R8
Cultivation of oil palm in Ceylon. Silva, C G *RRic Bull (rubber Res Inst Ceylon)* (New Ser.) 7 (1/2): 21-28. Mar/June 1972

088973 SB290.A1R8
Recommended planting material-1972. [Rubber]. Chandrasekera, L B *RRic Bull (rubber Res Inst Ceylon)* (New Ser.) 7 (1/2): 39-47. Mar/June 1972

088974 307.8 SO13
Camphor tree & camphor production. [Cinnamomum camphora]. Douglas, J S *Soap Perfumery Cosmetics* 46 (5): 295. May 1973

088975 281.8 W892
Development of tree crop procuction in southern Nigeria. Upton, M *World Crops* 25 (3): 152-156. Map. Ref. May/June 1973

PLANT FUNGUS DISEASES AND CONTROL

088976 S544.3.W6W53
Bluegrass (Poa pratensis) disorder: fusarium [roseum] blight. Worf, G L *A Coop Ext Programs Univ Wis* A2490, 2 P. Apr 1973

088977 S544.3.W6W53
Treating Dutch elm disease with benlate. [Ceratocystis ulmi, Ulmus]. Worf, G L *A Coop Ext Programs Univ Wis* A2516, 2 P. May 1973

088978 281.9 N632
To some questions of labour rationalization at spraying grapevine against downy mildew. [Peronospora]. (Slo) Pekarik, S *Acta Oper-Oecon* 24: 14-23. Eng. Sum. 1972

088979 381 AD93
Structure-acitivity relationships in antifungal agents: a survey. Lien, E J *Adv Chem Ser* 114: 155-182. Ref. 1972

088980 19 B855
Formation & development of phytopathological mycological research in Hungary. (Hun) Ubrizsy, G *Agrartud Kozl* 31 (2): 149-171. Ref. 1972

088981 22.5 N682
Occurrence & control of Fusarium wilt in carnation. [Dianthus caryophyllus]. (Jap) Nishimura, J *Agric Hortic* 48 (5): 68-72. May 1973

088982 442.8 AL6
Effect of fungus Verticillium dahliae on structure & function of cotton chloroplasts. (Rus) Rakhmankulova, M E *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 3: 21-23. 1973

088983 24 AL2
Relation between chemical structure & biological activity. XXX. Fungicidal properties of two N:N' – diarylthioureas & several s-alkyl-N : N' – diarylisothiouronium bromides. El-Nawawy, A S *Alexandria J Agr Res* 20 (1): 137-148. Ref. June 1972

088984 99.8 AL52
Plant arrangement & trunk count reduction in spruce. [Fomes annosus]. (Ger) Bryndum, H *Allg Forstz* 28 (24/25): 602-604. June 23, 1973

088985 61.9 SV22
Early mildew resistant crossbred grain. (Swe) Persson, G *Allmanna Svenska Utsadesaktiebol Svalof* 1: 7-10. 1973

088986 75.8 P842
Efficacy of soil famigants for control of Verticillium wilt of potatoes. Powelson, R L *Amer Potato J* 50 (5): 162-1679 ref. May 1973

088987 81 SO12
Reduction of postharvest losses of strawberry fruits from gray mold. [Botrytis cinerea]. Sommer, N F *Amer Soc Hort Sci J* 98 (3): 285-288. May 1973

088988 81 SO12
Inheritance of resistance to downy mildew (Bremia lactucae Reg.) in lettuce. Zink, F W *Amer Soc Hort Sci J* 98 (3): 293-296. Ref. May 1973

088989 34.2 AN4
Photoperiodic studies on effect of borwn rust inoculation on peroxidase activity in resistant & susceptible varieties of wheat. [Puccinia recondata]. Venkateswarlu, B *Andhra Agr J* 18 (3/4): 134-137. May-/Aug 1971 (Pub. 1973)

088990 34.2 AN4
Isolation of head moulds & assessment of mouldy grains in certain sorghum varieties. Rao, G K *Andhra Agr J* 18 (3/4): 153-156. May/Aug 1971 (Pub. 1973)

088991 49 C43
Tests on prevention of Fusarium diseases in Dactylis. (Jap) Kumai, S *Anim Husb (tokyo)* 27 (6): 81-82. Ref. June 1973

088992 68.39 AM3A
Studies of Phytophthora palmivora. [Cacao, fungus diseases]. Zentmyer, G A *Annu Rep Am Cocoa Res Inst* P. 16-20. 1973

088993 448.3 AP5
Aflatoxin production of species & strains of Aspergillus flavus group isolated from field crops. Schroeder, H W *Appl Microbiol* 25 !6): 885-889. Ref. June 1973

088994 442.8 AR26
Changes in prôteins & isoenzymes in leaves of wheat when infected by stem rust. [Puccinia graminis]. Cheung, D S M *Arch Mikrobiol* 91 (4): 365-372. 1973

088995 464.8 AR2
Studies on biology & control of fungus Phoma lingam (Tode ex Fr.) Desm. on cabbage. (Ger) Giessmann, H J *Arch Pflanzenschutz* 9 (1): 5-13. Ref. Eng. Sum. 1973

088996 61.9 AS7
Effect of thiram on seed mold & germination of slash pine seed. [Pinus eliottii]. Belcher, E W *Ass Off Seed Anal Proc* 62: 91-93. 1972

088997 442.8 AU72
Recovery of potentially pathogenic Phytophthora & Pythium spp. from native vegetation in Australia. Pratt, B H *Australian J Biol Sci* 26 (3): 575-582. Ref. June 1973

088998 23 AU792
Races of Drechslera maydis in Queensland. [Maize leaf blight]. Alcorn, J L *Australian J Exp Agr Anim Husb* 13 (61): 213-215. Apr 1973

088999 SB950.A1B6
Tests in efficacy to control olive scab with Ciluan applied by terrestrial means & normal doses year 1971. [Cycloconium oleaginum]. (Spa) Vinuesa, J I C G de *Bol Inf Plagas* 100: 17-27. Dec 1972

089000 SB950.A1B6
Tests against Fusarium species in kidney beans. (Spa) Moreno Vasquez, R *Bol Inf Plagas* 100: 5-7. Dec 1972

089001 451 B76
Microflora of apple leaf scars in relation to infection by Nectria galligena. Swinburne, T R *Brit Mycol Soc Trans* 60 (3): 389-403. Ref. June 1973

089002 451 B76
Transmission of Rhynchosporium secalis on barley grain. [Leaf blotch]. Kay, J G *Brit Mycol Soc Trans* 60 (3): 405-411. Ref. June 1973

089003 451 B76
Host range of Rhynchosporium secalis. [Barley]. Kay, J G *Brit Mycol Soc Trans* 60 (3): 413-422. Ref. June 1973

089004 451 B76
Effects of ethirimol & zineb on phylloplane microflora of barley. [Fungi]. Dickinson, C H *Brit Mycol Soc Trans* 60 (3): 423-431. Ref. June 1973

089005 451 B76
Resistance to benomyl & related fungicides in Colletotrichum musae. [Bananas]. Griffee, P J *Brit Mycol Soc Trans* 60 (3): 433-439. Ref. June 1973

089006 451 B76
Studies on germination of sclerotia of Sclerotium delphinii. [Iris]. Javed, Z U R *Brit Mycol Soc Trans* 60 (3): 441-451. Ref. June 1973

089007 451 B76
Fusarium diseases of cereals. IX. Penetration & invasion of wheat seedlings by Fusarium culmorum & Fusarium nivale. Malalasekera, R A P *Brit Mycol Soc Trans* 60 (3): 453-462. Ref. June 1973

089008 451 B76
Lethal effects of artificial ultraviolet radiation on cereal rust uredospores. [Puccinia]. Maddison, A C *Brit Mycol Soc Trans* 60 (3): 471-494. Ref. June 1973

089009 451 B76
Factors affecting germination of sclerotia of Sclerotinia sclerotiorum from peas. Jones, D *Brit Mycol Soc Trans* 60 (3): 495-500. Ref. June 1973

089010 451 B76
Hybridization of Verticillium albo-atrum & Verticillium dahliae. [Wilt diseases, plants]. Hastie, A C *Brit Mycol Soc Trans* 60 (3): 511-523. Ref. June 1973

089011 451 B76
Pseudoparenchyma produced by Cercosporella herpotrichoides in culture. [Eyespot lodging disease, cereals]. Deacon, J W *Brit Mycol Soc Trans* 60 (3): 537-545. Ref. June 1973

089012 451 B76
Ascospore release & dispersal in black leaf streak diseases of bananas (Bycosphaerella fijiensis). Meredith, D S *Brit Mycol Soc Trans* 60 (3): 547-554. Ref. June 1973

089013 451 B76
Negative binomial distribution of cankers on apple trees caused by Nectria galligena. Byrde, R J W *Brit Mycol Soc Trans* 60 (3): 58-583. Ref. June 1973

089014 451 B76
Pathogenic variation in isolates of Phytophthora palmivora from Piper nigrum. Turner, G J *Brit Mycol Soc Trans* 60 (3): 583-585. June 1973

089015 451 B76
Problems associated with physiologic specialization in Plasmodiophora brassicae, with a description of two new races infecting Brassica napus. [Rape]. Buczacki, S T *Brit Mycol Soc Trans* 60 (3): 588-590. June 1973

089016 451 B76
Plasmopara penniseti sp.Nov., a downy mildew of pearl millet in Ethiopia. Kenneth, R *Brit Mycol Soc Trans* 60 (3): 590-593. Ref. June 1973

089017 451 B76
Fusarium oxysporum f. sp. Elaeidis as a seed-borne pathogen. [Vascular wilt, oil palms]. Locke, T *Brit Mycol Soc Trans* 60 (3): 594-595. June 1973

089018 451 B76
Thermophilous & thermotolerant fungi in air-spora at Cambridge. [Great britain]. Hudson, H J *Brit Mycol Soc Trans* 60 (3): 596-598. June 1973

089019 SD1.B7
Phellinus tremulae (Bond.) Bond. et Borisov – a most serious fungal parasite of aspen trees. [Populus]. Cerny, A *Brno Vys Sk Zemed Acta Sb Rada C Spisy Fak Lesn* 41 (2): 131-149. Ref. 1972

089020 21.5 B87
South Helminthosporium (Helminthosporium maydis N. et M) & southern blotting of leaves (Helminthosporium carbonum U. 11.) – two new maize pests discovered in our country. (Alb) Celo, B *Bul Shkencave Bujqesore* 11 (4): 41-53. Eng. Sum. 1972

089021 14 P215BC
Anthracnose of almond tree in France. [Gloeosporium amygdalinum, Prunus amygdalus]. (Fre) Grosclaude, C *C R Seances Acad Agric Fr* 58 (17): 1392-1395. Ref. 1972

089022 14 P215BC
On influence of nitrogen fertilization on development of Botrytis cinerea in Gold Coast vineyard. (Fre) Meriaux, S *C R Seances Acad Agric Fr* 58 (17): 1423-1435. 1972

089023 60.18 SO8
Fusarium blight, a destructive disease of Kentucky bluegrass, & its control. [Poa pratensis]. Endo, R M *Calif Turfgrass Cult* 23 (1): 1-2. Winter 1973

089024 470 C16C
A variety of Puccinia centaureae on Centaurea diffusa. Savile, D B O *Can J Bot* 51 (5): 1077-1078. May 1973

089025 470 C16C
Penetration & invasion of sunflowers by Sclerotium bataticola. Chan, Y H *Can J Bot* 51 (5): 999-1102. Ref. May 1973

089026 450 C16
Variations in fruit-rot susceptibility of strawberry cultivars & selections as indicated by postharvest screening technique. [Botrytis cinerea, Rhizopus]. Daubeny, H A *Can J Plant Sci* 53 (2): 341-343. Ref. Apr 1973

089027 450 C16
Verticillium wilt: a potential disease of tobacco in Canada. Wright, D S C *Can J Plant Sci* 53 (2): 391-393. Ref. Apr 1973

089028 385 C172
Sugars from Sphacelia sorghi honeydew. Mower, R L *Carbohyd Res* 27 (1): 119-134. Ref. Mar 1973

089029 450 C333
Effects of light on swarm zoospores & culture of zoosporangia of Peronoplasmopara humuli Miy. & Tak., downy mildew of hops. (Cze) Petrlik, Z *Ceska Mykol* 27 (2): 112-117. 1973

089030 450 C333
A symposium on pathogenic fungus Armillaria mellea (Vahl ex Fr.) Kumm. in city of Brno 28-29, 1972. (Cze) Cerny, A *Ceska Mykol* 27 (2): 118-120. 1973

089031 450 C333
About some Pyrenomycetes on Alnus viridis (Chaix) Lam. & DC from southern Bohemia. (Ger) Podlahova, R *Ceska Mykol* 27 (2): 84-97. Map. Ref. 1973

089032 80 C495
Application of benomyl for control of post-harvest decay in navels. [Oranges]. Pelser, P du T *Citrus Grow Sub-trop Fruit J* 473: 4-5, 7, 16. May 1973

089033 SB4.C6
Fungal disorders. [Apples, pears]. Edney, K L *Commonw Bur Hortic Plant Crops Res Rev* 3: 133-172. Ref. 1973

089034 72.8 EM7
Histological studies of developing cotton boll in relation to microbial infection & decay. [Alternaria tenuis]. Pinckard, J A *Cotton Growing Rev* 50 (2): 115-129. Ref. Apr 1973

089035 15 C89
Means for control of barley mildew. [Erysiphe graminis hordei]. (Spa) Brooks, D H *Cult Mod* 56 (5): 35-37. May 1973

089036 475 SCI23
A new entomogenous fungus on the root crub, Holotricha serrata f. from Mysore. [India, Beauvaria brongniartii]. Ranganathaiah, K G *Cur Sci* 42 (12): 432-433. June 20, 1973

089037 475 SCI23
Lipase production by rice blast pathogen. [Pyricularia oryzae]. Sridhar, R *Cur Sci* 42 (12): 433-434. Ref. June 20, 1973

089038 475 SCI23
Seeding blight of cashew (Anacardium occidentale L.) due to Cylindrocladium scoparium. Philip, S *Cur Sci* 42 (12): 440. June 20, 1973

089039 475 SCI23
Green island in rust infection of Sorghum. [Puccinia purpurea]. Balasubramanian, K A *Cur Sci* 42 (12): 440-441. June 20, 1973

089040 475 SCI23
A new leaf disease of Canthium. [Guignardia bidwellii]. Thakur, S B *Cur Sci* 42 (12): 441. June 20, 1973

089041 104 D41A
Trapping of powdery mildew conidia and urediospores at Gedser Reef lightship and live spores in the upper air. [Puccinia, barley]. Johansen, H B *Denmark Vet-landbohojsk Arsskr* 226: 86-94. Map. 1973

089042 389.9 D832
Antimicrobial action of methyl bromide & sodium benzoate. [Dried fruits, nuts, fungi, bacteria]. Schade, J *Dried Fruit Indus Res Adv Comm Proc* 11Th: 37-45. Ref. 1972

089043 24 EA74
A survey of cocoa diseases in Uganda. Matovu, S *East Afr Agr Forest J* 38 (3): 218-228. Ref. Jan 1973

089044 103 EA7
Hop wilt & soil temperature. [Verticillium]. Sewell, G W F *East Malling Res Sta Annu Rep* P. 207. 1973

089045 103 EA7
Progress & practice in host: parasite relations. [Plants, fungus diseases]. Brian, P W *East Malling Res Sta Annu Rep* P. 27-40. Ref. 1973

089046 107.6 EH33
De novo synthesis of L-phenylalanine ammonia-lyase in Japanese radish root infected by downy mildew fungus. [Peronospora brassicae]. Asada, Y *Ehime Univ Mem Sect Vi Agr* 17 (1): 27-37. Ref. Sept 1972

089047 10 ES73
Diseases of grass & herbage legumes. [Fungi, viruses]. Doodson, J K *Esso Farmer* 25 (1): 2-7. 1973

089048 10 EX72
Redistribution of fungicides in coffee trees. [Colletotrichum coffeanum]. Pereira, J L *Exp Agr* 9 (3): 209-218. Ref. July 1973

089049 10 EX72
A rapid laboratory method of assessing susceptibility of Hevea clones to Oidium heveae. Lim, T M *Exp Agr* 9 (3): 275-279. July 1973

089050 SB599.E87
Selectivity of & resistance against systemic fungicides. Dekker, J *EPpo Bull (eur Mediterr Plant Prot Org)* 10: 47-57. Feb 1973

089051 SB599.E87
Chemical & biochemical aspects of systemic fungicides. Kerk, G J M van der *EPpo Bull (eur Mediterr Plant Prot Org)* 10: 5-21. Ref. Feb 1973

089052 SB599.E87
Practical aspects of using systemic fungicides. Evans, E *EPpo Bull (eur Mediterr Plant Prot Org)* 10: 59-67. Ref. Feb 1973

089053 S19.F37
How to control potato diseases. [Fungi]. Jalali, B *Farmer Parliament* 8 (2): 25-70. Feb 1973

089054 450 F58
Ultrastructure of mycelium of Verticilium dahliae studied by electron microscopy. (Rus) Balnokin, IU V *Fiziol Rast (mosc)* 20 (3): 625-627. Eng. Sum. 1973

089055 450 F91
Leaf spot diseases on Graminicolous species at a locality in Greenland. [Fungus diseases]. Smedegard-Petersen, V *Friesia* 10 (1/2): 25-29. 1972 (Pub. Jan 1973)

089056 450 F91
On appearance of Erysiphe graminis f. sp. hordei & Puccinia hordei in Faeroes & possible primary sources of inoculum. [Barley]. Hermansen, J E *Friesia* 10 (1/2): 30-34. Ref. 1972 (Pub. Jan 1973)

089057 450 F91
A Pestalotia sp. causing fruit rot in apple. Mathur, S B *Friesia* 10 (1/2): 57-60. 1972 (Pub. Jan 1973)

089058 450 F91
Perithecial & pycnidial stages of Pyrenophora teres & Pyrenophora graminea in Denmark. [Barley]. Smedegard-Petersen, V *Friesia* 10 (1/2): 61-85. Ref. 1972 (Pub. Jan 1973)

089059 SB354.F78
Results from trials with Havebrugets Kemikalieudvalg in berry cultivation. [Fungicides]. (Dan) Burgaard, E *Frugtavleren* 2 (5): 187-188. May 1973

089060 80 F948
Phytophthora [cinnamoni] – root rot of grapevines – trials in South Africa. Merwe, J J H van der *Fruit World Market Grower* 74 (4): 27. Apr 1973

089061 80 G1948
Fungus diseases of black currants & possibilities of chemical control. (Ger) Trost, P *Gartenbau* 20 (5): 145-146. May 1973

089062 100 C12H
Chemical seed treatment for control of seedling disease of water-sow Webster, R K *Hilgardia* 41 (21): 689-698. May 1973

089063 22.5 H613
Cultural study of gray mold fungus Botrytis cinerea. [Apple]. (Jap) Harada, Y *Hirosaki Univ Fac Agr Bull* 19: 22-31. Eng. Sum. Dec 1972

089064 SB1.H6
Preharvest & postharvest applications of benzimidazoles for control of storage decay of pears. [Penicillium expansum, Botrytis cinerea, Alternaria tenuis]. Ben-Arie, R *Hortscience* 8 (3): 181-183. June 1973

089065 SB1.H6
Control of fairy ring of lawns in light soils. [Marasmius]. Raabe, R D *Hortscience* 8 (3): 214. June 1973

089066 SB1.H6
Seasonal patterns of Fusarium [solani] root rot development in resistant vs. Susceptible cultivars of Phaseolus vulgaris L.1 [Kidney beans]. Baggett, J R *Hortscience* 8 (3): 214-216. June 1973

089067 81 ID12
'benlate', a new systemic fungicide. [Cherries]. Ellis, J E *Idaho State Hort Soc Trans* 78: 47-48. 1973?

089068 68.29 IN23M
Coffee rust menaces brazil's chief export. I. How it began, what it is, & how chemical controls will work. [Hemileia vastatrix]. Rourk, J P *Indian Coffee* 37 (4): 106-108, 112. Apr 1973

089069 68.29 IN23M
Coffee rust, a menace to Brazil's chief export. II. Will new cultural practices & resistant varieties help growers to control this major disease. Rourk, J P *Indian Coffee* 37 (4): 109-112. Apr 1973

089070 22 IN283
Controlling hill bunt. [Tilletia, wheat]. Sharma, R C *Indian Farming* 22 (9): 31-32. Dec 1972

089071 80 IN23
Blight of peaches in H.P. [Himachal Pradesh]can be controlled. [Stigmina carpophylla]. Gupta, G K *Indian Hort* 17 (4): 13. Jan/Mar 1973

089072 22 AG83I
Chemical control of leaf-spot disease of sapota caused by Phaeophleospora indica Chinn. [sapodilla]. Sohi, H S *Indian J Agr Sci* 42 (12): 1139-1142. Dec 1972

089073 464.8 IN2
Leaf blight of rose in Punjab. [Alternaria alternata]. Bedi, P S *Indian Phytopathol* 25 (4): 2534-539. Dec 1972

089074 464.8 IN2
Anatomical studies on abnormal growth caused by Protomyces macrosporus on coriandrum sativum. Prakasa Rao, C G *Indian Phytopathol* 25 (4): 483-496. Dec 1972

089075 464.8 IN2
Rhizosphere microflora of Arachis hyprogaea in relation to soil types. [Peanuts]. Baruah, C K *Indian Phytopathol* 25 (4): 497-503. Ref. Dec 1972

089076 464.8 IN2
Studies on foliicolar fungi of soybean crop. [Leptosphaerulina trifolii, Stemphylium botryosum, Periconia byssoides]. Anahosur, K H *Indian Phytopathol* 25 (4): 504-508. Dec 1972

089077 464.8 IN2
Evaluation of different systemic & non-systemic fungitoxicants for control of damping-off of mung bean (Phaseolus aureus) caused by Rhizoctonia solani. Jhooty, J S *Indian Phytopathol* 25 (4): 509-512. Dec 1972

089078 464.8 IN2
A rapid separation & detection of dithiocarbmate fungicides by thin layer chromatography. Vyas, S C *Indian Phytopathol* 25 (4): 513-516. Dec 1972

089079 464.8 IN2
Pectolytic enzyme activity of Choanephora cucurbitarum causing soft fruit rot of chillies. Chahal, A S *Indian Phytopathol* 25 (4): 530-533. Dec 1972

089080 464.8 IN2
Fungi from three varieties of rice seed. Vaidehi, B K *Indian Phytopathol* 25 (4): 547-550. Ref. Dec 1972

089081 464.8 IN2
Indian species of Ravenella on Abrus & Albizzia. Kapoor, J N *Indian Phytopathol* 25 (4): 551-554. Dec 1972

089082 464.8 IN2
Potato seed piece decay: Its control. [Fusarium caeruleum]. Bhattacharyya, S K *Indian Phytopathol* 25 (4): 555-557. Dec 1972

089083 464.8 IN2
Effects of soil microorganisms on colonization of agar plate by Fusarium oxysporum f.coriandrii. Mall, O P *Indian Phytopathol* 25 (4): 558-562. Dec 1972

089084 464.8 IN2
Studies on vitamin requirements of Cercospora cruenta. [Cowpeas]. Jandaik, C L *Indian Phytopathol* 25 (4): 563-565. Dec 1972

089085 464.8 IN2
Studies on certain soil fungi antagonistic to Phythium debaryanum. [Tomatoes]. Keshwal, R L *Indian Phytopathol* 25 (4): 566-569. Ref. Dec 1972

089086 464.8 IN2
Fungicidal action of some new organotin compounds against red rot disease of sugarcane. [Colletotrichum falcatum]. Srivastava, T N *Indian Phytopathol* 25 (4): 570-574. Ref. Dec 1972

089087 464.8 IN2
New records of pome & stone fruit tree diseases from Himachal pradesh. II. [Fungi]. Sud, V K *Indian Phytopathol* 25 (4): 580-582. Dec 1972

089088 464.8 IN2
Wilt of Dolichos biflorus caused by Fusarium oxysporum. Chakraverti, B P *Indian Phytopathol* 25 (4): 583. Dec 1972

089089 464.8 IN2
New record of Myrothecium roridum on Ocimum sanctum. Shukla, V N *Indian Phytopathol* 25 (4): 583-584. Dec 1972

089090 464.8 IN2
Root rot of lentil. [Rhizoctonia]. Shukla, T N *Indian Phytopathol* 25 (4): 584-585. Dec 1972

089091 464.8 IN2
Leaf spot disease of sorghum caused by Rhizoctonia bataticola. Raut, J C *Indian Phytopathol* 25 (4): 586-587. Dec 1972

089092 464.8 IN2
Bipolaris setariae on two new hosts in India. [Pearlmillet, Arundinella nepalensis]. Bhowmik, T P *Indian Phytopathol* 25 (4): 590-591. Dec 1972

089093 464.8 IN2
Mouldy head of Triticale. [Fungi]. Srivastava, K D *Indian Phytopathol* 25 (4): 591-593. Dec 1972

089094 464.8 IN2
Charcoal pod rot of caco. [Botryodiplodia theobromae, Macrophoma]. Nambiar, K K N *Indian Phytopathol* 25 (4): 595-597. Dec 1972

089095 464.8 IN2
Note on seed-borne diseases of chilli (Capsicum annum). [Fungi]. Rout, B K *Indian Phytopathol* 25 (4): 597-598. Ref. Dec 1972

089096 464.8 IN2
Effect of certain trace elements on growth & sporulation of Sphacelia sorthi. [Sorghum sugary disease]. Chinnadurai, G *Indian Phytopathol* 25 (4): 599-600. Dec 1972

089097 464.8 IN2
Reaction of linseed varieties to powdery mildew Oidium lini in Rajasthan. Sharma, L C *Indian Phytopathol* 25 (4): 600-601. Dec 1972

089098 80 IN32
Diseases of vegetables & their control. 3. Special aspects in tuber & root vegetables. [Fungus diseases]. (Ita) Casarini, B *Inf Ortoflorofruttic* 4 (5/6): 7-10. Mar 15/31, 1973

089099 464.8 IN3
Apricot-tree (Prunus armeniaca L.) cv. 'tonda di costigliole' new host of Fusicoccum amygdali Del. (Ita) Garofalo, F *Inform Fitopatol* 23 (3): 13-15. Eng. Sum. Mar 1973

089100 464.8 IN3
'cylindrosporiosis' of cherry leaves. [Cylindrosporium padi]. (Ita) Marchetti, L *Inform Fitopatol* 23 (3): 25-27. Eng. Sum. Mar 1973

089101 464.8 IN3
Monilochaetes infuscans (Ell. e Hals) Harter on sweet potato (Ipomea batatas, Lam. in Italy. (Ita) *Inform Fitopatol* 23 (3): 27-28. Eng. Sum. Mar 1973

089102 448.3 IN72
Contribution to study of sporulation of Septoria tritici Desm. [Wheat]. (Fre) Djerbi, M *Inst Pasteur Tunis Arch* 49 (1/2): 61-68. Ref. Eng. Sum. March/June 1972

089103 448.3 IN72
Loose smut of wheat: Results of fungicide trials of 1971-1972 cereal season. [Ustilago nuda tritici]. (Fre) Djerbi, M *Inst Pasteur Tunis Arch* 49 (1/2): 69-82. Ref. Eng. Sum. March/June 1972

089104 16 IT1
Black root rot of strawberries; trials for its control with soil disinfection. [Rhizoctonia fragariae]. (Ita) D'ambra, V *Ital Agr* 110 (3): 375-380. Eng. Sum. Mar 1973

089105 381 J8223
Thermal & base-catalyzed hydrolysis products of systemic fungicide, benoymyl. White, E R *J Agr Food Chem* 21 (4): 616-618. July/Aug 1973

089106 381 J8223
Effects of several foliar fungicides on fatty acid composition & stability of peanut oil. [Cercospora leafspot]. Worthington, R E *J Agr Food Chem* 21 (4): 619-621. July/Aug 1973

089107 381 J8223
Free fatty acid content of cacao beans infested with storage fungi. Hansen, A P *J Agr Food Chem* 21 (4): 665-670. Ref. July/Aug 1973

089108 421 J822
Phorate & aldicarb: effects of systemic fungicides on their levels in soybeans. Krueger, H R *J Econ Entomol* 66 (3): 815-816. June 1973

089109 448.3 J823
Sulphur metabolism of Puccinia graminis f. sp. tritici in axenic culture. [Wheat]. Howes, N K *J Gen Microbiol* 76 (2): 345-354. Ref. June 1973

089110 381 J827
Zonarol & isozonarol, fungitoxic hydroquinones from brown seaweed Dictyopteris zonaroiodes. Fenical, W *J Org Chem* 38 (13): 2383-2386. Ref. June 29, 1973

089111 99.8 R47
Studies of an anthracnose fungus on broadleaf trees in Japan, with special reference to latency of fungus. [Glomerella cingulata]. (Jap) Terashita, T *Jap Forest Exp Sta Bull* 252: 1-85. Ref. Eng. Sum. Mar 1973

089112 99.8 N62
Studies on susceptibility of poplar leaf rust influenced by different nutrient conditions. II. Effect of changes in sugar level in leaves. [Melampsora laricipopulina, populus]. Suzuki, K *Jap Forest Soc J* 55 (3): 105-111. Ref. Mar 1973

089113 SB951.A1J3
Validamycin (trade name: Validacin), new antibiotic for sheath blight of rice. [Corticiaceae, Basidiomycetes]. Furuta, H *Jap Pestic Inf* 15: 28-30. Apr 1973

089114 66.9 J27 SUPPL.
Survey on occurrence of rhizomania in sugar beet in Kitami District. [Polymyxa betae, fungus diseases]. (Jap) Abe, H *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 1-7. Ref. Eng. Sum. 1972

089115 66.9 J27 SUPPL.
Studies on succession cropping of sugar beets. 4. transition of root yield & sugar content in successive ten years. [Rhizoctonia, polymyxa]. (Jap) Masuda, T *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 101-113. Eng. Sum. 1972

089116 66.9 J27 SUPPL.
Experiments on controlling black leg attached to paper-pot seedlings of sugar beets. 1. effect of TPN [tetrachloroisophthalonitrile] chemical. [Rhizoctonia solani]. (Jap) Sugawara, H *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 179-183. Eng. Sum. 1972

089117 66.9 J27 SUPPL.
A preliminary report on soil sterilization by microwave treatment. [Aphanomyces, Pythium, Polymyxa]. (Jap) Tanaka, Z *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 191-197. 1972

089118 66.9 J27 SUPPL.
Studies on root rot of sugar beets. I. Pathogenicity of Rhizoctonia solani isolates on sugar beets. (Jap) Yamaguchi, T *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 223-231. Ref. Eng. Sum. 1972

089119 66.9 J27 SUPPL.
Studies on root rot of sugar beets. II. Grouping of iso lates of Rhizoctonia solani Kuhn with cultural characteristics & hyphal anastomosis. (Jap) Naito, S *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 233-240. Ref. Eng. Sum. 1972

089120 66.9 J27 SUPPL.
Studies on root rot of sugar beets. III. Comparative experiment of inoculating methods of Rhizoctonia solani on sugar beet roots in field. (Jap) Suzuki, H *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 241-244. 1972

089121 66.9 J27 SUPPL.
Studies on rhizomania of sugar beet. 3. On effects of several fungicides & nematocides on control of rhizomania in soil prepared for paper-pot nursery. [Polymyxa]. (Jap) Kanzawa, K *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 35-42. Eng. Sum. 1972

089122 66.9 J27 SUPPL.
Studies on rhizomania of sugar beets. 4. On relationship between parasitic stage of sugar beet by Polymyxa betae & type of symptoms. (Jap) Kanzawa, K *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 43-55. Eng. Sum. 1972

089123 107.6 K113
Susceptibility of oats & gramineous crops to Puccinia coronata F. sp.avenae race 226 found in Kagawa. (Jap) Yamamoto, H *Kagawa Univ Fac Agr Tech Bull* 24 (2): 171-176. Ref. Eng. Sum. Mar 1973

089124 80 K122
Ecology of heart rot diseases in Toko apple caused by Fursarium, Alternaria & Cladosporium species & their control. (Jap) Takahashi, J *Kajitsu Nippon* 28 (4): 48-50. 1973

089125 80 K122
Control of Venturia inaequalis in apple. (Jap) Sekawa, I *Kajitsu Nippon* 28 (4): 84-87. 1973

089126 80 K122
Control of brown rot disease caused by Sclerotinia cinerea in cherry & peach trees. (Jap) Onuma, K *Kajitsu Nippon* 28 (5): 38-40. May 1973

089127 80 K122
Problems in control of Alternaria kikuchiana in pear. (Jap) Nishimura, M *Kajitsu Nippon* 28 (5): 42-44. May 1973

089128 75.8 K145
Treatment & development of Fusarium damages. [Potatoes]. (Ger) Korner, W *Kartoffelbau* 24 (5): 112-113. May 1973

089129 100 L939
Ryegrass blast: a serious new disease in Louisiana. [Piricularia grisea, Lolium]. Rush, M C *La Agr* 16 (4): 15. Summer 1973

089130 18 L2353
Experiments to control potato tuber rotting by Fusarium coeruleum. (Ger) Bommer, D *Landbauforsch Volkenrode* 22 (2): 123-128. Ref. Eng. Sum. Dec 1973

089131 18 L2353
Effects of artificial infection of potato seeds with Fusarium coeruleum & influence of desinfection measures on development & yield of potato varieties. (Ger) Patzold, C *Landbauforsch Volkenrode* 22 (2): 129-132. Ref. Eng. Sum. Dec 1973

089132 11 L2322
Diseases of winter wheat. [Erysiphe graminis, Septoria nodorum, Septoria tritici]. (Dan) Sode, J *Landbonyt* 27 (5): 285, 287, 289, 291, 293-295. May 1973

089133 11 L236
Seed potato stain affects 10-40 percent of crop. [Streptomyces scabies]. (Nor) *Landbrukstidende* 79 (19): 492-493. May 12, 1973

089134 58.8 D81
Mildew control with new fungicide. (Ger) Jansen, W *Lohnunternehmen LandForstwirtsch* 28 (5): 154. May 1973

089135 79.8 L91
A new Peronospora of cucumbers. [Pseudoperonospora cubensis, chemical control]. (Ita) Damiano, A *Lotta Antiparassitaria* 25 (5): 12-13. May 1973

089136 79.8 L91
Peronospora [tabacina] of tobacco. [Chemical control]. (Ita) Pollastro, L *Lotta Antiparassitaria* 25 (5): 3-5. May 1973

089137 22 M262
Influence of foliar application of chemicals on qualitative changes in bacterial & fungal populations in rhizospheres of Sorghum vulgare & Crotalaria juncea. Balasubramanian, A *Madras Agr J* 60 (3): 218-224. Ref. Mar 1973

089138 59.9 C813
Effects of toxin of Helminthosporium maydis on cell membrane permeability. [Corn]. Brown, P R *Maize Genet Coop News Lett* 47: 100-102. Apr 15, 1973

089139 59.9 C813
Peroxidase activity, beta-glucosidase activity & phenolic levels in monogenic resistant (Ht) & susceptible (ht) maize tissues inoculated with Helminthosporium turcicum. Couture, R M *Maize Genet Coop News Lett* 47: 160. Apr 15, 1973

089140 59.9 C813
Stalk rot studies in maize. [Diplodia, Gibberella, Fusarium]. Kovacs, I *Maize Genet Coop News Lett* 47: 212-214. Apr 15, 1973

089141 59.9 C813
Membrane structure of spore-galls of corn smut (Ustilago maydis (Dc.) Corda). Banerjee, U C *Maize Genet Coop News Lett* 47: 45. Apr 15, 1973

089142 59.9 C813
Scanning electron microscopy of chlamydospores of teosinte smut (Ustilago maydis (Dc.) Corda). [Euchlaena mexicana]. Banerjee, U C *Maize Genet Coop News Lett* 47: 46-47. Apr 15, 1973

089143 59.9 C813
Reaction of germinating maize pollen to Helminthosporium maydis pathotoxins. Laughnan, J R *Maize Genet Coop News Lett* 47: 49-50. Apr 15, 1973

089144 59.9 C813
Monogenic chlorotic-lesion resistance in corn Helminthosporium maydis. Smith, D R *Maize Genet Coop News Lett* 47: 52-53. Apr 15, 1973

089145 SB375.M32
Studies on Thielaviopsis paradoxa (De Seynes) von Hohn, a parasite of pineapple. Lim, W H *Malay Pineapple Ind Board Malays Pineapple* 2: 41-46. 1972

089146 440.8 Z3
Significance of methods for preparing fungi on agar for critical examination with scanning electron microscope. [Fusarium]. (Ger) Schramm, K H *Microsc Acta* 74 (2): 128-136. Eng. Sum. May 1973

089147 S19.M6
Reaction of some wheat varieties to leaf blight under natural field conditions at Rewa (Madhya Pradesh). [Helminthosporium sativum]. Deshpande, A L *Mod Agric* 3 (1): 83-84. Jan/Feb 1972

089148 275.29 M76NO
Cereal grain seed treatments. [Tilletia foetida, Ustilago hordei]. Heid, W *Mont State Univ Coll Agric Coop Ext Serv Now* 9 (3): 10-11. Spring 1973

089149 451 P383
Systemic chemical treatment for Dutch elm disease control: will it work? [Ceratocystis ulmi]. Campana, R J *Morris Arboretum Bull* 24 (1): 7-12. Mar 1973

089150 100 N813B
Wheat leaf rust in North Dakota in 1972. [Puccinia recondita]. Statler, G D *N Dak Farm Res* 30 (5): 3-5. May/June 1973

089151 81 N46
Control of brown & rhizopus rots of peaches during growing & marketing periods. [Sclerotina fructicola]. Daines, R H *N J State Hort Soc Hort News* 54 (3): 3-6, 18, 20-22, 24-27. May 1973

089152 SB722.N4N4
Brown rot of citrus fruit. [Phytophthora]. *N S W Dep Agr Biol Br Plant Dis Bull* 162, 3 P. 1972

089153 SB722.N4N4
Armillaria [Mellea]root-rot of fruit trees. 6th ed. *N S W Dep Agr Biol Br Plant Dis Bull* 18, 6 P. 1972

089154 335.9 N485
Recent developments on artificial heating, a method of control of Botrytis neck rot in bulk stored onions. Gunkel, W W *N Y Farm Elec Counc Progr Rep* 30Th: 57-61. May 31, 1973

089155 SB403.N4
Geranium rust a continuing serious problem. [Puccinia pelargoniizonalis]. Williamson, C E *N Y State Flower Ind Inc Bull* 35: 4-5. June 1973

089156 442.9 B832
Development of resistance by Botrytis cinerea against systemic fungicides. (Ger) Ehrenhardt, H *Nachrichtenbl Deut Pflanzenschutzdienstes* 25 (4): 49-50. Eng. Sum. Apr 1973

089157 500 N21P
Biochemical basis of resistance of sugarcane to eyespot disease. [Helminthosporium sacchari]. Strobel, G A *Nat Acad Sci Proc* 70 (6): 1693-1696. Ref. June 1973

089158 464.8 T44
A new species of Embellisia, associated with skin disease of hyacinths. Hoog, G S De *Neth J Plant Pathol* 79 (3): 85-93. 1973

089159 SB599.N63
Sphaerotheca mors-uvae (Schw.) Berk. Et Curt. on black currant. II. Infection & conidium formation. (Hun) Sule, S *Novenyved Korszerusitese Mod Plant Prot* 6: 119-126. Eng. Sum. 1972 (Pub. 1973)

089160 SB599.N63
Quick sterilization of culture-media by propylene oxide. [Fungicides]. (Hun) Kovacsne, K M *Novenyved Korszerusitese Mod Plant Prot* 6: 135-142. Eng. Sum. 1972 (Pub. 1973)

089161 85 J76
Changes in recommended spraying methods. [Fungus diseases, control]. (Ger) Reich, H *Obstbauversuchsring Alten Landes Mitt* 28 (3): 67-69. Mar 1973

089162 85 J76
Applicability of benomyl & cerobin. [Fungus diseases, fruits]. (Ger) Reich, H *Obstbauversuchsring Alten Landes Mitt* 28 (4): 95-98. Apr 1973

089163 81 OR32
Control of molds in beans. Vaughan, E K *Oreg Hort Soc (proc)* 64: 183-1859 1973

089164 81 OR32
Corn head smut. [Sphacelotheca reiliana]. Koepsell, P A *Oreg Hort Soc (proc)* 64: 1869 1973

089165 107.6 SA23
Ecologic & taxonomic studies on Pythium as pathogenic soil fungi. XIII. Further studies on 'macerating enzyme' involved in virulence of Pythium. [Potato]. Ichitani, T *Osaka Univ Bull Ser B Agr Biol* 24: 17-24. Ref. Mar 1972

089166 8 P832J
Sexual compatibility, morphology, physiology, pathogenicity & in vitro sensitivity to fungicides of Thielaviopsis paradoxa infecting sugarcane & pineapple in Puerto Rico. Liu, L J *P R Univ J Agr* 57 (2): 117-128. Apr 1973

089167 SB951.P47
Assay of hypocholoesterolaemic agents for antifungal activity. Matolcsy, G *Pestic Sci* 4 (3): 267-271. Ref. June 1973

089168 SB951.P47
Studies on persistence of organotin fungicide fentin acetate (Triphenyltin acetate) in soil & on surfaces exposed to light. Barnes, R D *Pestic Sci* 4 (3): 305-317. Ref. June 1973

089169 SB951.P47
Photochemical transformation of thiophanate-methyl & thiophanate to alkyl benzimidazol-2-yl carbamates. [Systemic fungicides, Cotton plants]. Buchenauer, H *Pestic Sci* 4 (3): 343-348. June 1973

089170 SB951.P47
Some observations on microbial populations & nitrogen in soils infested with take-all fungus. [Ophiobolus graminis]. Pearson, V *Pestic Sci* 4 (3): 397-398. June 1973

089171 464.9 P482
Recent aspects of Cercospora control. [Sugar beets, fungus diseases]. (Ger) Krexner, R *Pflanzenarzt* 26 (4): 32-36. Apr 1973

089172 464.9 P482
Witch rings in ornamentals – more than a harmless superstition. [Lawn diseases, Marasmius oreades]. (Ger) Zwatz, B *Pflanzenarzt* 26 (5): 45. May 1973

089173 464.9 P482
Stem break disease of corn a criteria in selection. [Fungus diseases]. (Ger) Zwatz, B *Pflanzenarzt* 26 (5): 45-47. May 1973

089174 464.8 P562
Investigation on perfect stage of sugar beet powdery mildew, Erysiphe betae (Vanha) Weltzien. II. formation of fruiting bodies during fungus cultivation. (Ger) Mamluk, O F *Phytopathol Z* 76 (4): 285-302. Ref. Eng. Sum. Apr 1973

089175 464.8 P562
Virulence spectrum of Rhynchosporium secalis in Norway & sources of resistance in barley. Hansen, L R *Phytopathol Z* 76 (4): 303-313. Ref. Apr 1973

089176 464.8 P562
Synergism between Fusarium spp. & cucumber mosaic virus. Nitzany, F E *Phytopathol Z* 76 (4): 314-318. Ref. Apr 1973

089177 464.8 P562
Electron microscope-autoradiography of rust-affected bean leaves labelled with tritiated glycine. [Uromyces phaseoli]. Favali, M A *Phytopathol Z* 76 (4): 343-347. Apr 1973

089178 464.8 P562
Phytophthora-rot of Saintpaulia caused by Phytophthora nicotianae var. parasitica (Dast.) Waterh. (Ger) Krober, H *Phytopathol Z* 76 (4): 348-355. Eng. Sum. Apr 1973

089179 464.8 P562
Histology of blister rust cankers parasitized by Tuberculina maxima. Wicker, E F *Phytopathol Z* 76 (4): 356-366. Ref. Apr 1973

089180 464.8 P562
Production of pectolytic & cellulolytic enzymes by Cercosporella herpotrichoides Fron. 1. Requisites of enzyme production in a nutrient Medium. [Wheat, fungus disease]. (Ger) Hanssler, G *Phytopathol Z* 77 (1): 1-19. Ref. Eng. Sum. May 1973

089181 464.8 P562
Morphological responses in maize to infection by Pythium aphanidermatum. Payak, M M *Phytopathol Z* 77 (1): 65-70. May 1973

089182 464.8 P562
Observation on infection process of Erysiphe graminis. [Barley]. (Ger) Schwinn, F J *Phytopathol Z* 77 (1): 89-92. Eng. Sum. May 1973

089183 464.8 P56
Distribution of mating types of Phytophthora palmivora. Zentmyer, G A *Phytopathology* 63 (6): 663-667. Ref. June 1973

089184 464.8 P56
Control of peanut leaf rust alone or in combination with cercospora leaf spot. [Puccinia arachidis]. Harrison, A L *Phytopathology* 63 (6): 668-673. Ref. June 1973

089185 464.8 P56
Tolerance of half-sib families of red maple to verticillium wilt. [Dahliae]. Townsend, A M *Phytopathology* 63 (6): 673-676. Ref. June 1973

089186 464.8 P56
Xylem dysfunction in peach caused by Cytospora leucostoma. Hampson, M C *Phytopathology* 63 (6): 676-681. Ref. June 1973

089187 464.8 P56
Pathogenicity of Rhizoctonia solani to aquatic plants. [Weeds, biological control]. Joyner, B G *Phytopathology* 63 (6): 681-685. June 1973

089188 464.8 P56
Use of electron microprobe to measure exchange of materials between host & pathogen. [Corn, Helminthosporium]. Comstock, J C *Phytopathology* 63 (6): 689-691. Ref. June 1973

089189 464.8 P56
Physiologic specialization & pathogen aggressiveness in stripe rust. [Puccinia striiformis, Wheat]. Volin, R B *Phytopathology* 63 (6): 699-703. Ref. June 1973

089190 464.8 P56
Aerobiology of two peanut leafspot fungi. [Cercospora arachidicola, Leptosphaerulina crassiasca]. Smith, D H *Phytopathology* 63 (6): 703-707. Ref. June 1973

089191 464.8 P56
Histopathology of Sclerotinia sclerotiorum infection of bean. Lumsden, R D *Phytopathology* 63 (6): 708-715. Ref. June 1973

089192 464.8 P56
Histopathology of Marasmius blight of american beachgrass. [Ammophila breviligulata]. Warren, T B *Phytopathology* 63 (6): 725-728. Ref. June 1973

089193 464.8 P56
Leaf bioassay for Helminthosporium carbonum toxin -search for phytoalexin. [Corn]. Hoffmann, S E *Phytopathology* 63 (6): 729-734. Ref. June 1973

089194 464.8 P56
Control of dutch elm disease in artificially-inoculated American elms with soil-injected benomyl, captan, & thiabendazole. [Ulmus americana, Ceratocystis]. Stipes, R J *Phytopathology* 63 (6): 735-738. Ref. June 1973

089195 464.8 P56
Glycosidase activity & flavonoid accumulation in alfalfa infected by Ascochyta imperfecta. Olah, A F *Phytopathology* 63 (6): 739-742. Ref. June 1973

089196 464.8 P56
Growth stimulation of Armillaria mellea by ethanol & other alcohols in relation to phenol concentration. Vance, C P *Phytopathology* 63 (6): 743-748. Ref. June 1973

089197 464.8 P56
Effect of two plant-parasitic nematodes on Fusarium [solani] dry root rot of beans. [Pratylenchus penetrans, Meloidogyne]. Hutton, D G *Phytopathology* 63 (6): 749-751. Ref. June 1973

089198 464.8 P56
Soil fungistasis: evidence for an inhibitory factor. [Helminthosporium sativum, Fusarium solani]. Romine, M *Phytopathology* 63 (6): 756-759. Ref. June 1973

089199 464.8 P56
Enumeration of Fusarium oxysporum f. pisi race 5 propagules from soil. [Peas]. Roberts, D D *Phytopathology* 63 (6): 765-768. Ref. June 1973

089200 464.8 P56
Ear-rotting potential of Helminthosporium maydis race T in corn. Calvert, O H *Phytopathology* 63 (6): 769-772. Ref. June 1973

089201 464.8 P56
Induction of pisatin formation in pea foot region by pathogenic & nonpathogenic clones of Fusarium solani. [Root rot]. Christenson, J A *Phytopathology* 63 (6): 784-790. Ref. June 1973

089202 464.8 P56
Effect of volatile substances from safflower on germination of teliospores of Puccinia carthami. [Rust]. Klisiewicz, J M *Phytopathology* 63 (6): 795. June 1973

089203 464.8 P56
Effects of Cercospora kikuchii on soybeans. [purple seed stain]. Wilcox, J R *Phytopathology* 63 (6): 796-797. June 1973

089204 1.9 P69P
Cylindrocladium [crotalariae] black rot of peanuts in North Carolina, 1972 [calonectria crotalariae]. Rowe, R C *Plant Dis Rep* 57 (5): 387-389. May 1973

089205 1.9 P69P
Pathogenicity & control of Fusarium oxysporum wilt of variegated Pyracantha. McRitchie, J J *Plant Dis Rep* 57 (5): 389-391. May 1973

089206 1.9 P69P
An unusual brown rot outbreak in a Florida citrus grove following sprinkler irrigation with Phytophthora [citrophthora]-infested water. [Grapefruit]. Whiteside, J O *Plant Dis Rep* 57 (5): 391-393. May 1973

089207 1.9 P69P
Rhizina undulata associated with disease of 80-year-old red spruce in Vermont. [Picea rubens]. Thompson, J H *Plant Dis Rep* 57 (5): 394-396. May 1973

089208 1.9 P69P
A stem & fruit disease of papaya in Barbados caused by Corynespora cassiicola. Norse, D *Plant Dis Rep* 57 (5): 404-406. May 1973

089209 1.9 P69P
Known distribution of Fomes annosus in intermountain region. [Cercocarpus, Pachistima myrsinites, Purshia tridentata, Coniferae]. Tegethoff, A C *Plant Dis Rep* 57 (5): 407-410. Map. May 1973

089210 1.9 P69P
Racial composition of Helminthosporium maydis on corn hybrids in normal cytoplasm in Pennsylvania in 1972. Nelson, R R *Plant Dis Rep* 57 (5): 411-412. May 1973

089211 1.9 P69P
Toxin production by Helminthosporium maydis as influenced by transmissible disease. [Corn]. Lindberg, G D *Plant Dis Rep* 57 (5): 420-424. May 1973

089212 1.9 P69P
Control of Septoria [apiicola] leafspot of celery with systemic & nonsystemic fungicides. Lacy, M L *Plant Dis Rep* 57 (5): 425-428. May 1973

089213 1.9 P69P
Phytotoxicity of dodine & azinphosmethyl to cherry fruit. [Leaf spot, Coccomyces hiemalis]. Jones, A L *Plant Dis Rep* 57 (5): 428-431. May 1973

089214 1.9 P69P
Wheat stem rust epidemic potential in 1972. Roelfs, A P *Plant Dis Rep* 57 (5): 434-436. May 1973

089215 1.9 P69P
A new glume blotch of rice (Oryza sativa). [Pithomyces chartarum]. Haware, M P *Plant Dis Rep* 57 (5): 436-437. May 1973

089216 1.9 P69P
Spray inoculation of slash pine with Cronartium fusiforme. [Quercus nigra]. Hare, R C *Plant Dis Rep* 57 (5): 442-444. May 1973

089217 1.9 P69P
A new anthracnose of strawberry caused by Colletotrichum dematium. [Apples, tomatoes, nectarines]. Beraha, L *Plant Dis Rep* 57 (5): 445-448. May 1973

089218 1.9 P69P
Virulence of wheat leaf rust in North Dakota in 1972. [Puccinia recondita]. Statler, G D *Plant Dis Rep* 57 (5): 449-452. May 1973

089219 1.9 P69P
Characterization & control of tomato fruit rots. [Rhizoctonia solani, Sclerotium rolfsii, Erwinia]. Batson, W E *Plant Dis Rep* 57 (5): 453-456. May 1973

089220 1.9 P69P
Control of brown rot of stone fruits with thiophanate-methyl & a piperazine derivative fungicide. [Monilinia fructicola]. Gilpatrick, J D *Plant Dis Rep* 57 (5): 457-459. May 1973

089221 1.9 P69P
Effect of root & foliage treatment with a peperazine derivative fungicide on Verticillium [albo-atrum] wilt of cotton. Buchenauer, H *Plant Dis Rep* 57 (5): 460-462. May 1973

089222 1.9 P69P
Field resistance to Pseudopeziza medicaginis in Medicago spp. [Alfalfa]. Pfleger, F L *Plant Dis Rep* 57 (5): 468-471. Ref. May 1973

089223 1.9 P69P
Stereum purpureum associated with sudden decline & death of apple trees in Wisconsin. Setliff, E C *Plant Dis Rep* 57 (5): 473-474. May 1973

089224 1.9 P69P
Control of powdery mildew of Cassia occidentalis in relation to bioassay of Cymbidium mosaic virus. [Oidium]. Ishii, M *Plant Dis Rep* 57 (5): 475-477. Ref. May 1973

089225 1.9 P69P
Liquid nitrogen storage of Macrophomina phaseolina. [Soybeans]. Wyllie, T D *Plant Dis Rep* 57 (5): 478-480. Ref. May 1973

089226 1.9 P69P
Decays of New Jersey blueberries in marketing channels. [Gloeosporium, Botrytis cinerea, Alternaria tenuis]. Ceponis, M J *Plant Dis Rep* 57 (6): 487-488. June 1973

089227 1.9 P69P
Resistance to Helminthosporium [gramineum] stripe in barley cultivars in India. Mohammad, A *Plant Dis Rep* 57 (6): 495-498. June 1973

089228 1.9 P69P
Effect of fertilizer salt accumulation & low relative humidity on development of stem lesions on yellow birch seedlings. [Betula alleghaniensis, fungi] Filip, G M *Plant Dis Rep* 57 (6): 499. June 1973

089229 1.9 P69P
Cylindrocladium scoparium, causal agent of a new disease of silver buttonwood & its control. [Conocarpus erectus sericeus]. Miller, J W *Plant Dis Rep* 57 (6): 500-503. June 1973

089230 1.9 P69P
Reactions of five species of Gramineae to races O & T of Helminthosporium maydis & race 2 of Helminthosporium carbonum. [Grasses, cereals. Patel, B N *Plant Dis Rep* 57 (6): 507-508. June 1973

089231 1.9 P69P
Helminthosporium maydis leaf blight in Sierra Leone. [Corn]. Terry, E R *Plant Dis Rep* 57 (6): 509-510. June 1973

089232 1.9 P69P
Dutch elm disease in Colorado – 1972. [Ceratocystis ulmi, Ulmus, Scolytus multistriatus]. Laut, J G *Plant Dis Rep* 57 (6): 511-513. Map. June 1973

089233 1.9 P69P
A new trunk injection technique for systemic chemicals. [Ceratocystis ulmi, dieback, Ulmus americana]. Helburg, L B *Plant Dis Rep* 57 (6): 513-514. June 1973

089234 1.9 P69P
Epidemiology & control of Lophodermium [pinastri] needlecast of Scotch pine in Ohio. [Pinus sylvestris]. Powell, C C *Plant Dis Rep* 57 (6): 515-517. June 1973

089235 1.9 P69P
Electrolyte & peroxidase leakage as indicators of susceptibility of various maize inbreds to Helminthosporium maydis races O & T. Garraway, M O *Plant Dis Rep* 57 (6): 518-522. Ref. June 1973

089236 1.9 P69P
Apioporthe & Monochaetia cankers reported in western Washington. [Corylus, Thuja]. Davison, A D *Plant Dis Rep* 57 (6): 522-523. June 1973

089237 1.9 P69P
Evaluation of sunflowers for resistance to rust & Verticillium [albo-atrum] wilt. [Puccinia helianthi]. Zimmer, D E *Plant Dis Rep* 57 (6): 524-528. Ref. June 1973

089238 1.9 P69P
Mating types of Phytophthora palmivora in Cameroun. [Cacao]. Zentmyer, G A *Plant Dis Rep* 57 (6): 529-530. Map. June 1973

089239 1.9 P69P
Seedborne Pseudomonas glycinea & fungi affect soybean seed quality in India. [Bacterial blight]. Nicholson, J F *Plant Dis Rep* 57 (6): 531-533. June 1973

089240 1.9 P69P
Effect of nitrogen fertilization & mowing on Helminthosporium leaf spot & sugar content of bluegrass leaves. [Poa pratensis]. Gibbs, A F *Plant Dis Rep* 57 (6): 544-548. Ref. June 1973

089241 1.9 P69P
Rhizoctonia [solani] blight of grain sorghum foliage. Bell, D K *Plant Dis Rep* 57 (6): 549-550. June 1973

089242 81 W524
Trends in control of peach diseases. [Hytospora, Rhizopus]. Petersen, D H *Proc Annu Conv Natl Peach Counc* 32D: 30-35. 1973

089243 281.9 B87
Control against diseases of cereals in vegetation. [Fungicides]. (Fre) Lescar, L *Prod Agr Fr* 49 (128): 9-11. Apr 2, 1973

089244 S19.P7
Control seedling rot of maize with fungicides. Kang, M S *Progr Farming* 9 (10): 8. June 1973

089245 SB13.P8
Citrus canker & its control with fungicides. [Xanthomanas citric]. Ram, G *Punjab Hortic J* 12 (4): 240-243. Oct/Dec 1972

089246 SB950.A1P3
Some observations on basic principles involved in ultra-low-volume spray applications. [Insecticides, fungicides]. Bals, E J *PAns Pest Artic News Summ* 19 (2): 193-200. June 1973

089247 SB950.A1P3
Control of Cercospora leafspot on groundnuts in Malawi & its effect on parameters of yield. Mercer, P C *PAns Pest Artic News Summ* 19 (2): 201-207. June 1973

089248 26 AG82
Contribution to study of coffee rust (Coffea arabica l.) caused by Hemileia vastatrix B. & BR. in Jimma, Ethiopia. (Ita) Golato, C *Riv Agr Subtrop Trop* 66 (4/9): 122-134. Eng. Sum. Apr/Sept 1972

089249 26 AG82
A serious infection of leaves of kidney beans (Phaseolus vulgaris L., Papilionaceae) in Ethiopia. [Cercospora]. (Ita) Golato, C *Riv Agr Subtrop Trop* 66 (4/9): 135-138. Eng. Sum. Apr/Sept 1972

089250 464.8 R52
Anatomical & histological research on roots of sugar beets affected by rhizomania. [Polymyxa betae]. (Ita) D'Ambra, V *Riv Pathol Veg* (Ser. 4) 8 (4): 359-372. Ref. Eng. Sum. Oct/Dec 1972

089251 464.8 R52
Study of resistance of vegetables to reinfection. I. Research on beans infected by Uromyces appendiculatus. (Ita) Galbiati, C *Riv Pathol Veg* (Ser.4) 8 (4): 341-358. Ref. Eng. Sum. Oct/Dec 1972

089252 20.5 R59 SER. A
Results of investigations on yellow lupine Lupinus luteus L.) resistance against Fusarium wilt. (Pol) Byszewski, W *Rocz Nauk Roln Ser A Rosl* 98 (2): 43-60. 1973

089253 103 R74GA
Grain yield & incidence of take-all & eyespot in winter wheat grown in different crop sequences at Saxmundham. [Gaeumannomyces graminis, Cercosporella herpotrichoides]. Slope, D B *Rothamsted Exp Sta Rep* 2: 160-167. Ref. 1972 (Pub. 1973)

089254 107.6 SA13
Seasonal development of sheath net-blotch of rice plant & its causal pathogen, Cylindrocladium scoparium Morgan. (Jap) Nonaka, F *Saga Univ Agr Bull* 34: 15-27. Ref. Eng. Sum. Mar 1973

089255 107.6 SA13
Anatomical studies on lesion of sheath net-blotch of rice plant. [Cylindrocladium scoparium]. (Jap) Nonaka, F *Saga Univ Agr Bull* 34: 29-33. Ref. Eng. Sum. Mar 1973

089256 107.6 SA13
Anatomical studies on sclerotia of rice plant fungi: on sclerotia formed in field. (Jap) Nonaka, F *Saga Univ Agr Bull* 34: 35-40. Eng. Sum. Mar 1973

089257 464.8 SB5
Physiological races of Puccinia graminis Pers. f. sp. avenae Erikss. et Henn. in Czechoslovakia in years 1967 & 1968. (Cze) Sebesta, J *Sb Uvti (Ustav Vedeckotech Inform) Ochrana Rostlin* 9 (1): 1-6. Ref. Eng. Sum. Feb 1973

089258 464.8 SB5
Effectiveness of various seed disinfectants & their combinations on pelleted monogerm sugar beet seed. [Fungicides, insecticides]. (Cze) Smrz, J *Sb Uvti (Ustav Vedeckotech Inform) Ochrana Rostlin* 9 (1): 15-21. Ref. Eng. Sum. Feb 1973

089259 464.8 SB5
New findings concerning effectiveness of fungicides on Helminthosporium papaveris Hennig. (Cze) Flanderkova, V *Sb Uvti (Ustav Vedeckotech Inform) Ochrana Rostlin* 9 (1): 45-48. Eng. Sum. Feb 1973

089260 464.8 SB5
Results of study of occurrence of biotypes (races) of fungus Mycosphaerella pinodes (Berk. et Blox.) Stone. [Peas]. (Cze) Ondrej, M *Sb Uvti (Ustav Vedeckotech Inform) Ochrana Rostlin* 9 (1): 49-56. Ref. Eng. Sum. Feb 1973

089261 80 SCH9
Fungus diseases of quince. (Ger) Schuepp, H *Schweiz Z Obst Weinbau* 109 (11): 271-274. May 12, 1973

089262 421 J27
Occurrence of Ustilago scitaminea in sugarcane in Okinawa Prefecture. (Jap) Yamauchi, S *Shokubutsu Boeki (plant Prot)* 27 (5): 20-22. May 1973

089263 421 J27
Control of Fusarium, Pythium & Rhizoctonia diseases in rice. (Jap) Yunoki, T *Shokubutsu Boeki (plant Prot)* 27 (5): 23-26. May 1973

089264 421 J27
Cercospora disease in tea plant. (Jap) Takaya, S *Shokubutsu Boeki (plant Prot)* 27 (5): 27-30. May 1973

089265 421 J27
Scientific name change for Marssonina, leafspot disease of apple. (Jap) Terui, M *Shokubutsu Boeki (plant Prot)* 27 (5): 39. May 1973

089266 99.9 B83
Armillaria mellea on poplar. (Fle) Veldemann, I R *Soc Roy Forest Belg Bull* 80 (3): 136-140. Mar 1973

089267 61.9 SW3
Determination of Drechslera graminea & Drechslera teres on blotters. [Barley]. (Swe) Kolk, H *Sweden Statens Cent Frokontrollanst Meddel* 48: 39-44. Eng. Sum. 1973

089268 450 SY2
Study of parasitic fungi & their host plants. (Ger) Speer, E O *Sydowia Ann Mycol* 25 (1-6): 1-34. Ref. 1971 (Pub. 1972)

089269 450 SY2
Host range & geographic distribution of Erysiphaceae as viewed from families of angiosperms, & comparison with Meliolineae. Hirata, K *Sydowia Ann Mycol* 25 (1-6): 100-118. 1971 (Pub. 1972)

089270 450 SY2
A strain of Streptomyces nigrifaciens Wakman antagonistic to Collectotrichum capsici. Gupta, S *Sydowia Ann Mycol* 25 (1-6): 130-133. 1971 (Pub. 1972)

089271 450 SY2
Influence of some trace-elements on growth of Aspergillus niger & on citric acid fermentation. Tandon, S P *Sydowia Ann Mycol* 25 (1-6): 137-142. 1971 (Pub. 1972)

089272 450 SY2
A new leaf spot disease of Salvia leucantha Cav. From India. [Corynespora cassiicola]. Anahosur, K H *Sydowia Ann Mycol* 25 (1-6): 143-146. 1971 (Pub. 1972)

089273 450 SY2
Vitamin requirements of Cercospora beticola Sacc. Mandahar, C L *Sydowia Ann Mycol* 25 (1-6): 162-166. Ref. 1971 (Pub. 1972)

089274 450 SY2
Effect of alcohols & organic acids on growth, sporulation & subsequent spore germination of Aspergilius flavus. Bansal, R D *Sydowia Ann Mycol* 25 (1-6): 167-171. Ref. 1971 (Pub. 1972)

089275 450 SY2
Studies on Phyllosphere fungi. III. Leaf surface fungi of healthy & virus infected Lycopersicum esculentum in relation to cobalt chloride treatment. [Tomatoes]. Mishra, R R *Sydowia Ann Mycol* 25 (1-6): 212-218. 1971 (Pub. 1972)

089276 450 SY2
Studies on Elsinoe & Sphaceloma diseases of plants in Maharashtra State (India. VII. [Sphaccloma madlucae & Sphaceloma sideroxylonis]. Wani, D D *Sydowia Ann Mycol* 25 (1-6): 47-50. 1971 (Pub. 1972)

089277 11 T439
Persistence of fungicide benomyl in different soil types. 1. Stability & biological breakdown. (Dan) Helweg, A *Tidsskr Planteavl* 77 (2): 232-243. Ref. Eng. Sum. 1973

089278 8 T445
Seed treatment with fungicides against damping-off cotton disease in north-west. [Rhizoctonia solani, Mexico]. (Spa) Lopez F, L C *Tierra (mexico)* 28 (5): 343-344. May 1973

089279 HD9130.1.T6
Disease evaluation & cultivar resistance to brown spot disease of flue-cured tobacco. [Alternaria alternata]. Main, C E *Tob Sci* 16: 144-146. Ref. 1972

089280 385 T573B
Organo-arsenic compound applied for control of Pellicularia sasakii & its residues in rice grains, straw s & paddy soils. (Jap) Fujimoto, Y *Tokyo Agr Chem Insp Sta Bull* 12: 71-75. Eng. Sum. Oct 1972

089281 385 T573B
Studies on polyoxin resistance of strain Y-33 of Alternaria kikuchiana Tanaka. 1. Growth promoting phenomenon observed on agar plate polyoxin toxicity test. (Jap) Shimada, T *Tokyo Agr Chem Insp Sta Bull* 12: 96-99. Eng. Sum. Oct 1972

089282 1 AG84MR
Postharvest wax-fungicide treatments of nectarines, peaches, & plums for: reducing decay, reducing moisture loss, enhancing external appearance. Wells, J M *U S D A Mkt Res Rep* 981, 6 P. Ref. May 1973

089283 442.8 UZ1
Effect of organic acids & their derivatives on organism causingVerticillium wilt of cotton. (Rus) Rakhmanova, R I *Uz Biol Zhur* 1: 20-23. 1973

089284 442.8 UZ1
Investigation of polyene antibiotics. [Verticillium dahliae control, cotton]. (Rus) Tokhtamuratov, E *Uz Biol Zhur* 1: 49-50. 1973

089285 80 V662
Phytophthora cinnamomi in horticulture. Jenkins, P T *Victorian Hort Dig* 17 (1): 14-16. 1973

089286 105.2 W122
Black thread disease, control measures & yield stimulation in Hevea brasiliensis in Liberia. [Phytophthora palmivora]. Schreurs, J *Wageningen Landbouwhogesch Mededel* 72/26, 130 P. Ref. 1972

089287 95.8 W435
Results of supply of systematic fungicides in grape vines. [Botrytis]. (Ger) Becker, H *Weinberg Keller* 20 (5): 227-232. May 1973

089288 100 W75R
Development of Aspergillus flavus & aflatoxins in harvested forage. Amalley, E B *Wis Agr Exp Sta Res Rep* 2412, 24 P. Ref. July 1972

089289 QR1.Z4
Correlation between carboxin resistance & glycolitic ability of fungi. [Fungal pathogenes]. (Ger) Ritter, G *Zeitsch Allg Mikrobiol* 13 (3): 243-250. Ref. Eng. Sum. 1973

089290 QR1.Z4
Morphology & cytology of ravenelia emblicae Sydow. [Phyllanthus emblica, fungus diseases]. Singh, U P *Zeitsch Allg Mikrobiol* 13 (3): 251-258. Ref. 1973

089291 448.3 C33 (3)
Influence of culture conditions on growth of mycelium & activity of pectic & cellulolytic enzymes of Rhizoctonia solani Kuhn. (Ger) Martin, J *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 128 (1/2): 1-11. Ref. Eng. Sum. 1973

089292 448.3 C33 (3)
A method of lentil inoculation with Fusarium oxysporum Schlecht. Kovacikova, F *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 128 (1/2): 12-22. Ref. 1973

089293 448.3 C33 (3)
Effect of different temperatures, mositure content, & different time of exposure under anaerobic conditions on chlamydospores & mycelium of loose smut of barley-Ustilago nuda (Jens.) Ujevic, I *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 128 (1/2): 173-183. 1973

PLANT BACTERIAL DISEASES AND CONTROL

089294 505 P21 (3)
Origin of phages in tissues of crown gall cultivated in vitro. [Agrobacterium tumefaciens]. (Fre) Tourneur, B J *Acad Sci (paris) C R Ser D* 276 (15) 2265-2267. Ref. Apr 9, 1973

089295 14 P215BC
Varietal behavior of peach tree to bacterial wilt in conditions favorable to disease (Pseudomonas mors-prunorum f. Sp. Persicae). (Fre) Vigoroux, A *C R Seances Acad Agric Fr* 58 (17): 1387-1391. 1972

089296 64.8 C883
Analysis of several types of gene action controlling resistance to bacterial blight of cotton by means of a generalized computer model. [Xanthomonas]. Davis, D D *Crop Sci* 13 (3): 338-343. Ref. May/June 1973

089297 389.9 D832
Antimicrobial action of methyl bromide & sodium benzoate. [Dried fruits, nuts, fungi, bacteria]. Schade, J *Dried Fruit Indus Res Adv Comm Proc* 11Th: 37-45. Ref. 1972

089298 24 EA74
Halo blight of oats in Kenya. [Pseudomonas coronafaciens]. Harder, D E *East Afr Agr Forest J* 38 (3): 241-245. Ref. Jan 1973

089299 80 F948
Apricot scabbing. [Bacterial diseases]. Franklin, S J *Fruit World Market Grower* 74 (3): 17. Mar 1973

089300 SB1.H6
Fire blight susceptibility of fruiting trees of some apple rootstock clones. [Erwinia amylovora]. Cummins, J N *Hortscience* 8 (3): 176-178. Ref. June 1973

089301 464.8 IN2
Bacterial leaf spot & halo blight diseases of mung bean (Phaseolus aureus) & other legumes in India. Patel, P N *Indian Phytopathol* 25 (4): 517-525. Ref. Dec 1972

089302 464.8 IN2
Studies on resistance in crops to bacterial diseases in India. IV. Resistance in mung bean (Phaseolus aureus). Patel, P N *Indian Phytopathol* 25 (4): 526-529. Dec 1972

089303 464.8 IN2
Polyphenol oxidase & peroxidase activity in apple leaves inocultaed with a virulent or an avirulent starin of erwinia amylovora. Addy, S K *Indian Phytopathol* 25 (4): 575-579. Ref. Dec 1972

089304 464.8 IN3
Angular leaf spot of strawberry, a new bacteriosis in Italy. [Xanthomonas fragariae]. (Ita) Mazzucchi, U *Inform Fitopatol* 23 (1/2): 42-47. Ref. Eng. Sum. Jan/Feb 1973

089305 464.8 IN3
Epidemics of fruit soft rot on green peppers (Capsicum annuum, L.) caused by Erwinia carotovora var. carotovora. (Ita) Mazzucchi, U *Inform Fitopatol* 23 (3): 17-20. Ref. Eng. Sum. Mar 1973

089306 22 M262
Influence of foliar application of chemicals on qualitative changes in bacterial & fungal populations in rhizospheres of Sorghum vulgare & Crotalaria juncea. Balasubramanian, A *Madras Agr J* 60 (3): 218-224. Ref. Mar 1973

089307 59.9 C813
Genetic studies of susceptibility to bacterial leaf freckles & wilt, Corynebacterium nebraskense. [Corn]. Gardner, C O *Maize Genet Coop News Lett* 47: 155-157. Apr 15, 1973

089308 100 M69MI
Bacterial blight of cotton. [Xanthomonas malvacearum]. Wiles, A B *MAFES Res Highlights (miss Agric For Exp Stn)* 36 (6): 1-2. June 1973

089309 81 OR32
Cane & crown galls of Tubus species. Moore, L W *Oreg Hort Soc (proc)* 64: 136-138. 1973

089310 72.8 P172
Technique for isolation of Xanthomonas malvacearum (Smith) Dowson, from cotton seed. Hussain, T *Pakistan Cottons* 17 (2): 54-57. Jan 1973

089311 464.8 P562
Occurrence of Xanthomonas fragariae Kennedy et King in Italy. [Strawberries]. Mazzucchi, U *Phytopathol Z* 76 (4): 367-370. Apr 1973

089312 464.8 P562
Studies with aid of electron microscope on presence of Mycoplasma-like organisms in apple trees with witches' broom disease. (Ger) Marwitz, R *Phytopathol Z* 77 (1): 84-88. Eng. Sum. May 1973

089313 464.8 P56
An improved method for inoculation of corn with Erwinia spp. Hartman, J R *Phytopathology* 63 (6): 658-663. Ref. June 1973

089314 464.8 P56
Bacterial blight of soybeans as influenced by populations of yellow bacteria on leaves & buds. [Pseudomonas glycinea]. Scherff, R H *Phytopathology* 63 (6): 752-755. June 1973

089315 464.8 P56
Differences in anatomy, plant-extracts, & movement of bacteria in plants of bacterial wilt resistant & susceptible varieties of alfalfa. [Corynebacterium insidiosum]. Cho, Y S *Phytopathology* 63 (6): 760-765. Ref. June 1973

089316 464.8 P56
Relation of age of plants, temperature, & inoculum concentration to bacterial canker development in resistant & susceptible Lycopersicon spp. [Tomatoes, Corynebacterium michiganense]. Forster, R L *Phytopathology* 63 (6): 773-777. Ref. June 1973

089317 464.8 P56
A procedure for infesting field soils with Pseudomonas solanacearum. [Bacterial wilt]. McCarter, S M *Phytopathology* 63 (6): 799-800. June 1973

089318 1.9 P69P
Characterization & control of tomato fruit rots. [Rhizoctonia solani, Sclerotium rolfsii, Erwinia]. Batson, W E *Plant Dis Rep* 57 (5): 453-456. May 1973

089319 1.9 P69P
Bacterial blight of Gerbera jamesonii incited by Pseudomonas cichorii. Miller, J W *Plant Dis Rep* 57 (6): 504-505. June 1973

089320 1.9 P69P
Seedborne Pseudomonas glycinea & fungi affect soybean seed quality in India. [Bacterial blight]. Nicholson, J F *Plant Dis Rep* 57 (6): 531-533. June 1973

089321 1.9 P69P
An improved technique for evaluating resistance of rice varieties to Xanthomonas oryzae. [Bacterial blight]. Kauffman, H E *Plant Dis Rep* 57 (6): 537-541. June 1973

089322 450 P693
Separate auxinand cation-dependent mechanisms for glutamate utilization by normal & crown-gall teratoma cells of tobacco in culture. Meins, F *Planta* 112 (1): 57-64. Ref. 1973

089323 SB13.P8
Citrus canker & its control with fungicides. [Xanthomanas citric]. Ram, G *Punjab Hortic J* 12 (4): 240-243. Oct/Dec 1972

089324 S15.E892
Resistance to streptomycin in Corynebacterium michiganense. [Tomato seeds]. (Por) Azevedo, J L de *Relat Cient Univ Sao Paulo Esc Super Agric Luiz de Queiroz Dep Genet Inst Genet* 6: 20-22. Eng. Sum. 1972

089325 470 SCI2
Methionine sulfoximine-resistant mutants of tobacco. [Bacterial diseases, Pseudomonas tabaci]. Carlson, P S *Science* 180 (4093): 1366-1368. June 29, 1973

089326 385 T573B
Analytical method of residual streptomycin in plant. 1. Examination of analytical rpocedures. (Jap) Baba, H *Tokyo Agr Chem Insp Sta Bull* 12: 76-81. Ref. Eng. Sum. Oct 1972

089327 385 T573B
Analytical method of residual streptomycin in plant. 2. Residue analysis of streptomycin in tobacco fresh leaves. (Jap) Baba, H *Tokyo Agr Chem Insp Sta Bull* 12: 82-85. Eng. Sum. Oct 1972

089328 464.9 C433
Histochemical changes of cell walls of lettuce midribs inoculated with pathogenic & saprophytic pseudomonads. [Pseudomonas marginalis]. (Jap) Ohuchi, A *Tokyo Nat Inst Agr Sci Bull Ser C (Plant Pathol Entomol)* 27: 53-79. Ref. Eng. Sum. Mar 1973

PLANT VIRUS DISEASES AND CONTROL

089329 505 P21 (3)
Infrastructures of foliar tissues of Prunus persica after inoculation with Sharka virus (plum pox). [Peaches]. (Fre) Claude Marenaud, J E *Acad Sci (paris) C R Ser D* 276 (17): 2439-2442. Ref. Apr 25, 1973

089330 448.3 AC85
Some properties of maize rough dwarf virus subviral particles. Redolfi, P *Acta Virol* 17 (3): 243-248. May 1973

089331 22.5 N682
Tobacco mosaic virus infection of greenhouse tomato plant & its control. (Jap) Ogiwara, S *Agric Hortic* 48 (5): 49-54. Ref. May 1973

089332 80 AR2
Virus infections in asparagus (Asparagus officinalis L.). (Ger) Weissenfels, M *Arch Gartenbau* 21 (3): 235-243. Ref. Eng. Sum. 1973

089333 464.8 AR2
A necrotic stunt of pea (Pisum sativum l.), induced by nasturtium ringspot virus. (Ger) Schmidt, H E *Arch Pflanzenschutz* 9 (1): 69-79. Ref. Eng. Sum. 1973

089334 464.8 AR2
Transmission of stem pitting of pear & cherry to apple indicators (short communication). (Ger) Verderevskaja, T D *Arch Pflanzenschutz* 9 (1): 87-88. 1973

089335 450 B52
Mechanical transmission of Euonymus mosaic virus, maple leaf perforration by leaf extract or leaf nucleic acid to herbacious plants. [Euonymus europaea, Acer pseudoplatanus, beans]. Subikova, V *Biol Plant* 15 (3): 166-170. Ref. 1973

089336 464.8 B542
Investigations on determination of most resistant fig trees to fig mosaic virus (Ficus virus 1. (Condit & Horne) in Aegean region. (Tur) Ozalp, M O *Bitki Koruma Bulteni* 12 (4): 228-262. Ref. Eng. Sum. Dec 1972

089337 450 N85
A new theory of genetic tumor formation in plants. A viroid explanation. [Tobacco]. Kovacs, E I *Bot Kozlemenyek* 59 (4): 251-257. Ref. 1972

089338 470 C16C
Cytoplasmic & nuclear inclusions in leaf cells infected with Datura shoestring virus (DSV). Weintraub, M *Can J Bot* 51 (5): 855-861. Ref. May 1973

089339 10 ES73
Diseases of grass & herbage legumes. [Fungi, viruses]. Doodson, J K *Esso Farmer* 25 (1): 2-7. 1973

089340 S19.F37
Virus diseases of potato in India & their control. *Farmer Parliament* 8 (1): 13-16, 27-28. Jan 1973

089341 24 SO842
Leaf curl – an ever present danger in tobacco. [Virus diseases]. *Farming S Afr* 48 (12): 21-22. Mar 1973

089342 QK1.F5
Photosynthetial activity & content of carbonhydrates in potatoes under infection with virus Y. (Rus) Kiriukhin, V P *Fiziol Biokhim Kul't Rast Physiol Biochem Cultiv Plants* 4 (6): 635-640. Ref. Eng. Sum. Nov/Dec 1972

089343 80 F948
Factors relevant to a programme for establishing & maintaining virus-free citrus stock in South Africa. McLean, A P D *Fruit World Market Grower* 74 (3): 22, 24. Mar 1973

089344 464.8 IN2
Plum ring-spot & shot-hole virus: A new record for India. Dhingra, K L *Indian Phytopathol* 25 (4): 588-590. Dec 1972

089345 464.8 IN3
Virus diseases of Ranunculus in Apulia. (Ita) Avgelis, A *Inform Fitopatol* 23 (3): 5-8 ref. Eng. Sum. Mar 1973

089346 QR360.A1J6
Genetic analysis of cowpea chlorotic mottle & brome mosaic viruses. Bancroft, J B *J Gen Virol* 19 (3): 381-389. Ref. June 1973

089347 442.8 J8224
3'-Terminal oligonucleotide fragments of tobacco rattle virus ribonucleic acids. Minson, T *J Mol Biol* 77 (2): 337-340. June 1973

089348 S303.E25
'mineyutaka', first rice variety possessing stripe disease resistance. [Virus]. (Jap) Toriyama, K *Jap Chugoku Nogyo Shikengo Fukuyama Bull Ser A* 21: 1-19. Ref. Eng. Sum. Nov 1972

089349 80 K122
Virus diseases in stone fruits. [Peach, cherry, apricot]. (Jap) Kishi, K *Kajitsu Nippon* 28 (5): 58-60. May 1973

089350 105.9 H89
Effects of fanleaf & chrome mosaic virus diseases on yield & fruit sugar content of grapevines. (Hun) Lehoczky, J *Kiserletugyi Kozlemenyek* 64 (1/3): 49-64. Ref. Eng. Sum. 1971 (Pub. 1973)

089351 107.6 K832
Epidemiological studies on rice black-streaked dwarf virus in Kanto-Tosan district, Japan. [Laodelphax striatellus]. (Jap) Ishii, M *Konosu Cent Agr Exp Sta J* 17: 61-121. Ref. Eng. Sum. Mar 1973

089352 22 M262
A mosaic disease of ragi [Eleusine coracana] in Tamil Nadu. [Myzus persicae, Rhopalosiphum maidis]. Jaganathan, T *Madras Agr J* 60 (3): 214-217. Ref. Mar 1973

089353 500 N21P
Translation of brome mosaic viral ribonucleic acid in a cell-free system derived from wheat embryo. Shih, D S *Nat Acad Sci Proc* 70 (6): 1799-1803. Ref. June 1973

089354 464.8 T44
Some chemical & physical properties of 18 tobacco mosaic virus isolates from tomato. Mosch, W H M *Neth J Plant Pathol* 79 (3): 104-111. Ref. 1973

089355 464.8 T44
An anomalous form of mycoplasma-like bodies in periwinkle infected with sandal spike agent. [Vinca rosea, Santalum album, Cuscuta subinclusa]. Hiruki, C *Neth J Plant Pathol* 79 (3): 112-121. Ref. 1973

089356 464.8 T44
Light & electron microscopy of red clover vein mosaic virus in pea (Pisum sativum). Rubio-Huertos, M *Neth J Plant Pathol* 79 (3): 94-103. Ref. 1973

089357 464.8 T44
Properties of viruses of potyvirus group. 1. A simple method to purify bean yellow mosaic virus, pea mosaic virus, lettuce mosaic virus & potato virus Yn. Huttinga, H *Neth J Plant Pathol* 79 (4): 125-129. Ref. 1973

089358 464.8 T44
Purification of pea enation mosaic virus & infectivity of its components. [Chenopodium album]. Mahmood, K *Neth J Plant Pathol* 79 (4): 138-147. Ref. 1973

089359 22.5 N684
Characteristics of cytoplasmic inclusions induced by bean yellow mosaic virus. (Jap) Inouye, T *Nogaku Kenkyu* 54 (4): 155-171. Ref. Mar 1973

089360 22.5 N684
A new virus of wheat, barley & several other plants in Gramineae, wheat yellow leaf virus. (Jap) Inouye, T *Nogaku Kenkyu* 55 (1): 1-16. Ref. Mar 1973

089361 SB599.N63
Occurrence of new strains of alfalfa mosaic virus in Hungary. (Hun) Beczner, L *Novenyved Korszerusitese Mod Plant Prot* 6: 101-118. Ref. Eng. Sum. 1972 (Pub. 1973)

089362 SB599.N63
Effect of temperature & photoperiod on local susceptibility of Nicotiana tabacum 1. cv. Xanthi-nc tobacco leaf discs to tobacco mosaic virus. (Hun) Horvath, J *Novenyved Korszerusitese Mod Plant Prot* 6: 65-82. Ref. Eng. Sum. 1972 (Pub. 1973)

089363 SB599.N63
Epidemiological problems of tobacco necrosis virus. [Hungary]. (Hun) Szirmai, J *Novenyved Korszerusitese Mod Plant Prot* 6: 83-99. Map. Ref. Eng. Sum. 1972 (Pub. 1973)

089364 107.6 OH1
Carnation necrotic flick virus. Inouye, T *Okayama Univ Ohara Inst Landwirt Biol Ber* 15 (4): 195-205. Ref. Mar 1973

089365 107.6 OH1
Host range & electron microscopy of Burdock mottle virus, a rod-shaped virus from Arctium lappa L. (studies on viruses of plants in Compositae in Japan. IV.). Inouye, T *Okayama Univ Ohara Inst Landwirt Biol Ber* 15 (4): 207-218. Ref. Mar 1973

089366 107.6 SA23
Attachment of tobacco mosaic virus to host & non-host plants. Takagi, Y *Osaka Univ Bull Ser B Agr Biol* 24: 39-42. Mar 1972

089367 464.8 P21
Chrysanthemum stunt virus in Belgium. (Fre) Verhoyen, M *Parasitica* 28 (1): 7-15. Ref. Eng. Sum. 1972

089368 464.8 P21
Lucerne mosaic virus transmission by Myzus persicae inhibited by oil. (Fre) Vanderveken, J *Parasitica* 28 (2): 39-45. Ref. Eng. Sum. 1973

089369 464.8 P21
Study of a virus isolated from Stellaria media, Claytonia mosaic virus (Claytonia perfoliata, Donn.). (Fre) Roland, G *Parasitica* 28 (2): 46-56. Ref. Eng. Sum. 1972

089370 464.8 P562
Synergism between Fusarium spp. & cucumber mosaic virus. Nitzany, F E *Phytopathol Z* 76 (4): 314-318. Ref. Apr 1973

089371 464.8 P562
Tulip veinal streak, a viral disorder of forced tulips in glasshouse under certain environmental conditions. Asjes, C J *Phytopathol Z* 76 (4): 328-342. Ref. Apr 1973

089372 464.8 P562
Effect of certain substances on infectivity of curly top virus preparations. [Sugarbeets]. Izadpanah, K *Phytopathol Z* 77 (1): 38-43. May 1973

089373 464.8 P562
Sweet potato vein mosaic virus in Argentina. Nome, S F *Phytopathol Z* 77 (1): 44-54. Ref. May 1973

089374 464.8 P562
Degradation of host high molecular weight RNA in barley leaves infected with barley stripe mosaic virus. Suzuki, T *Phytopathol Z* 77 (1): 55-64. Ref. May 1973

089375 464.8 P562
Intracytoplasmic mycoplasmalike bodies in phloem parenchyma cells of aster yellows-infected Nicotiana rustica. [Aztec tobacco]. Hirumi, H *Phytopathol Z* 77 (1): 71-83. Ref. May 1973

089376 464.8 P56
Polyethylene glycol for purification of potato yellow dwarf virus. Hsu, H T *Phytopathology* 63 (6): 692-696. Ref. June 1973

089377 464.8 P56
Individual & combined effects of tobacco mosaic virus & potato virus Y on Burley tobacco. Sievert, R C *Phytopathology* 63 (6): 697-698. June 1973

089378 464.8 P56
Effects of strain, source plant, & temperature on transmissibility of citrus tristeza virus by melon aphid. Bar-Joseph, M *Phytopathology* 63 (6): 716-720. Ref. June 1973

089379 464.8 P56
Purification of a mild mottle strain of peanut mottle virus. Paguio, O R *Phytopathology* 63 (6): 720-724. Ref. June 1973

089380 464.8 P56
Occurrence & some properties of raspberry bushy dwarf virus in rubus species in United States. Converse, R H *Phytopathology* 63 (6): 780-783. Ref. June 1973

089381 464.8 P56
Viruslike particles associated with a disease of Chondrilla juncea. Hasan, S *Phytopathology* 63 (6): 791-793. June 1973

089382 464.8 P56
Uranyl acetate useful as a specimen supporting membrane on electron microscope grids. [Tobacco mosaic virus]. Uyemoto, J K *Phytopathology* 63 (6): 797-798. June 1973

089383 1.9 P69P
Sequential development of viruslike symptoms in ash over a six-year period. [Fraxinus americana]. Hibben, C R *Plant Dis Rep* 57 (5): 396-399. May 1973

089384 1.9 P69P
Empoasca stevensi, a new vector of bunchy top disease of papaya. Haque, S Q *Plant Dis Rep* 57 (5): 412-413. May 1973

089385 1.9 P69P
An additional note on viruslike particles associated with maize streak disease. Sylvester, E S *Plant Dis Rep* 57 (5): 414-416. Ref. May 1973

089386 1.9 P69P
Seed transmission of tomato ringspot virus in raspberry. Braun, A J *Plant Dis Rep* 57 (5): 431-432. May 1973

089387 1.9 P69P
Seed transmission of tomato ringspot virus in Gomphrena globosa. Keplinger, J A *Plant Dis Rep* 57 (5): 433. May 1973

089388 1.9 P69P
Viral disease of some warm weather pulse crops in India. [Legumes, Bemisia tabaci, Paecilomyces farinosus]. Nene, Y L *Plant Dis Rep* 57 (5): 463-467. May 1973

089389 1.9 P69P
Aerial detection of tobacco ringspot virus-infected soybean plants. Hill, J H *Plant Dis Rep* 57 (5): 471-472. Ref. May 1973

089390 1.9 P69P
Control of powdery mildew of Cassia occidentalis in relation to bioassay of Cymbidium mosaic virus. [Oidium]. Ishii, M *Plant Dis Rep* 57 (5): 475-477. Ref. May 1973

089391 1.9 P69P
Incidence, systemic nature, & spread of pear vein yellows virus in Yakima Valley, Washington. Fridlund, P R *Plant Dis Rep* 57 (6): 483-486. June 1973

089392 1.9 P69P
A new outbreak of potato virus Y on tobacco in North Carolina. Lapp, N A *Plant Dis Rep* 57 (6): 551. June 1973

089393 1.9 P69P
Potential aphid vectors of pea seedborne mosaic virus in Washington. Aapola, A A *Plant Dis Rep* 57 (6): 552. June 1973

089394 1.9 P69P
Comparative transmission of maize dwarf mosaic virus by Aphis fabae, Aphis gossypii, & Schizaphis graminum. Shaunak, K K *Plant Dis Rep* 59 (6): 533-536. Jun 1973

089395 75.8 EU7
Effects of primary & secondary infection with potato virus X (PVX) on yield, size, chemical composition, blight resistance & cooking quality of potato variety Kerr's Pink. Dowley, L J *Potato Res* 16 (1): 3-9. Ref. Mar 1973

089396 75.8 EU7
Relationship between winter temperatures & extent of potato leaf-roll virus in seed potatoes in Scotland. Howell, P J *Potato Res* 16 (1): 30-42. Map. Mar 1973

089397 81 W524
Virus diseases & what they mean to peach trees & orchards. Smith, S H *Proc Annu Conv Natl Peach Counc* 32D: 39-43. Ref. 1973

089398 S19.P7
Mosaic & leaf curl viruses of papaya & their control. Chohan, J S *Progr Farming* 9 (8): 9-10, 13. Apr 1973

089399 SB13.P8
Herbaceous hosts of citrus viruses. Kapoor, S P *Punjab Hortic J* 12 (2/3): 158-161. Ref. Apr/Sept 1972

089400 464.8 R52
Preliminary observations of tissues of lettuce with electron microscopy; phloem tissues were infected with 'tissues growth' (big vein). [Mycoplasma-like virus]. (Ita) Furia, A *Riv Pathol Veg* (Ser.4) 8 (4): 321-322. Eng. Sum. Oct/-Dec 1972

089401 464.8 R52
Behaviour of yellow spot mosaic virus, a strain of alfalfa mosaic virus, in different host plants, symptomatology & ultrastructural observations. Conti, G G *Riv Pathol Veg* (Ser.4) 8 (4): 323-340. Ref. Oct/Dec 1972

089402 80 SA15
Strawberry virus deseases & methods of obtaining virus-free planting stock. (Rus) Abramenko, N M *Sadov Vinogradarstvo Vinodelie Moldavii* 4:39-40. Apr 1973

089403 464.8 SB5
Use of serological method for comparison of beet yellows virus titres in roots & leaves of sugar beet. (Cze) Chod, J *Sb Uvti (Ustav Vedeckotech Inform) Ochrana Rostlin* 9 (1): 23-26. Ref. Eng. Sum. Feb 1973

089404 464.8 SB5
Inhibition ability of potato leaf sap in relation to X virus, & its specificity. (Cze) Chod, J *Sb Uvti (Ustav Vedeckotech Inform) Ochrana Rostlin* 9 (1): 27-30. Ref. Eng. Sum. Feb 1973

089405 464.8 SB5
Resistance of potato to X virus. (Cze) Zadina, J *Sb Uvti (Ustav Vedeckotech Inform) Ochrana Rostlin* 9 (1): 31-36. Ref. Eng. Sum. Feb 1973

089406 464.8 SB5
Suitability of different procedures employed in diagnosis of A virus of potatoes. (Cze) Nohejl, J *Sb Uvti (Ustav Vedeckotech Inform) Ochrana Rostlin* 9 (1): 37-44. Ref. Eng. Sum. Feb 1973

089407 464.8 SB5
Demonstration of virus particles in hop in period of vegetation rest. (Cze) Brcak, J *Sb Uvti (Ustav Vedeckotech Inform) Ochrana Rostlin* 9 (1): 67-68. Eng. Sum. Feb 1973

089408 450 SY2
Studies on Phyllosphere fungi. III. Leaf surface fungi of healthy & virus infected Lycopersicum esculentum in relation to cobalt chloride treatment. [Tomatoes]. Mishra, R R *Sydowia Ann Mycol* 25 (1-6): 212-218. 1971 (Pub. 1972)

089409 11 T439
Turnip mosaic virus in horseradish. (Dan) Paludan, N *Tidsskr Planteavl* 77 (2): 161-169. Ref. Eng. Sum. 1973

089410 451 T63B
An anatomical study of coconut leaves from healthy trees & those affected by cadang-cadang. Rillo, E P *Torrey Bot Club Bull* 99 (6): 271-277. Ref. Nov/Dec 1972

089411 448.8 V81
Replication of tobacco mosaic virus. V. Properties of bound & solubilized replicase. Zaitlin, M *Virology* 53 (2): 300-311. Ref. June 1973

089412 448.8 V81
Serological analysis of wheat striate mosaic virus & its soluble antigen. Thottappilly, G *Virology* 53 (2): 312-318. Ref. June 1973

089413 448.8 V81
In vivo removal of protein from tobacco mosaic virus after inoculation of tobacco leaves. III. Studies on location on virus particles for initial removal of protein. Shaw, J G *Virology* 53 (2): 337-342. Ref. June 1973

089414 448.8 V81
Translation of TMV [tobacco mosaic virus]-RNA in a cell-free wheat embryo system. Efron, D *Virology* 53 (2): 343-348. June 1973

089415 448.8 V81
Potato spindle tuber viroid. IX. Molecular-weight determination by gel electrophoresis of formylated RNA. Diener, T O *Virology* 53 (2): 359-365. Ref. June 1973

089416 448.8 V81
Localization of virus-specific double-stranded RNA of cowpea mosaic virus in subcellular fractions of infected vigna leaves. Assink, A M *Virology* 53 (2): 384-391. Ref. June 1973

089417 448.8 V81
Evidence of multiplication of sowthistle yellow vein virus in an inefficient aphid vector, Macrosiphum euphorbiae. Behncken, G M *Virology* 53 (2): 405-412. Ref. June 1973

089418 448.8 V81
Structure & conformation of low molecular weight pathogenic RNA [ribonucleic acid] from exocortis disease. [Citrus]. Semancik, J S *Virology* 53 (2): 448-456. Ref. June 1973

089419 448.8 V81
Differential temperature treatment of plants greatly enhances multiplication rates. [Cowpea chlorotic mottle virus, tobacco mosaic virus]. Dawson, W O *Virology* 53 (2): 476-478. June 1973

089420 448.8 V81
Cucumber mosaic virus contains a functionally divided genome. Peden, K W C *Virology* 53 (2): 487-492. Ref. June 1973

089421 448.8 V81
Blue-green algal virus N-1: physical properties & disassembly into structural parts. Adolph, K W *Virology* 53 (3): 427-440. Ref. June 1973

089422 448.8 V81
Estimate of absolute specific infectivity of wound tumor virus purified with polyethylene glycol. [Agallia constricta plants]. Reddy, D V R *Virology* 54 (1): 150-159. Ref. July 1973

089423 448.8 V81
Possible identification of a protein in brome mosaic virus infected barley as a component of viral RNA polymerase. Hariharasubramanian, V *Virology* 54 (1): 190-198. Ref. July 1973

089424 448.8 V81
Isolation & characterization of a virus infecting a blue-green alga of genus Synechococcus. Adolph, K W *Virology* 54 (1): 230-236. Ref. July 1973

089425 448.8 V81
Inhibition of acquired resistance in cowpea chlorotic mottle virus-infected hypersensitive soybean by 2-thiouracil. Batra, G K *Virology* 54 (1): 262-269. Ref. July 1973

089426 105.2 V61V
Interaction between long and short particles of tobacco rattle virus. Huttinga, H *Wageningen Cent Landouwpubl Landbou Verslag Landbouwkund Ore* 784, 80 P. Ref. 1972

089427 105.2 V61V
Diagnosis of sharka (plum pox) & host range of its inciting virus. Oosten, H J van *Wageningen Cent Landouwpubl Landbou Verslag Landbouwkund Ore* 796, 19 P. Ref. 1973

089428 95.8 W435
Studies on reliability of serological virus detection in greenhouse of cultivated grape vines & grape vine cuttings. (Ger) Bercks, R *Weinberg Keller* 20 (5): 215-226. Eng. Sum. May 1973

089429 448.3 C33 (3)
Transmission of pea enation mosaic virus by different subspecies & strains of foxglove aphid, Aulacorthum solani (Kaltenbach). (Ger) Muller, F P *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 128 (1/2): 72-80. Ref. Eng. Sum. 1973

089430 448.3 C33 (3)
Occurrence of turnip yellow mosaic & radish mosaic viruses in German Democratic Republic on previously unknown cruciferous hosts. Shukla, D D *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 128 (1/2): 81-83. 1973

089431 80 OV64
Are there varieties of kidney beans resistant to mosaic virus? (Cze) Chod, J *ZL (zahradnicke Listy)* 66 (3): 82. 1973

MISCELLANEOUS PLANT DISEASES, INJURIES, AND CONTROL

089432 S544.3.W6W53
Pest control in corn & soybeans weeds, insects, diseases. Doersch, R E *A Coop Ext Programs Univ Wis* 1684, 22 P. Jan 1973

089433 22.5 N682
Soil, plants & pathogenic microorganisms. (Jap) Kikumoto, T *Agric Hortic* 48 (5): 1-5. May 1973

089434 256.13 AG82M
Kill those rats. Niblock, P B *Agric North Irel* 48 (1): 34-35. May 1973

089435 14 AG823
Control against cereal diseases: Study days February 28, 1973, Versailles. (Fre) Lescar, L *Agric Rev Men Tech Econ* 365: 151-152. May 1973

089436 A31.3 AG893
Genetic vulnerability of major crops: a challenge to scientists & nation. *Agric Sci Rev* 10 (4): 1-14. 1972

089437 26 AG86
Tobacco diseases in Madagascar. (Fre) Baudin, P *Agron Trop (paris)* 28 (2): 189-207. Map. Ref. Eng. Sum. Feb 1973

089438 24 AL2
Coelomocytes, pseudocoelomic chord & esophageal lumen membrane in Meloidogyne hapla larva. Ibrahim, I K A *Alexandria J Agr Res* 20 (1): 169-172. June 1972

089439 24 AL2
Pathogenicity of certain parasitic nematodes on rice. Ibrahim, I K A *Alexandria J Agr Res* 20 (1): 175-180. Ref. June 1972

089440 80 N216
Late summer injury of Korean Rhododendron: Report of microclimates, frost pockets & cold air movement. [Micronulatum]. Fordham, A J *Amer Hort Mag* 52 (2): 34-37. Summer 1973

089441 75.8 P842
Air pollution injury of potato in Michigan. Hooker, W J *Amer Potato J* 50 (5): 151-161. Ref. May 1973

089442 75.8 P842
Potato disease research projects in Canada & United States in 1972. Wright, N S *Amer Potato J* 50 (5): 168-179. May 1973

089443 80 AR13
Quality of fruits is prepared in orchard. [Fruit, diseases]. (Fre) Gautier, M *Arboricult Fruitiere* 230: 44-52. Apr 1973

089444 99.8 AR14
Environmental changes & diseases of woody plants. [Maine]. Campana, R J *Arborist's News* 38 (7): 78. July 1973

089445 464.8 AR2
Observations on physiology of nematode-trapping fungi (Hyphomycetes). (Ger) Dowe, A *Arch Pflanzenschutz* 9 (1): 15-20. Ref. Eng. Sum. 1973

089446 464.8 AR2
Studies on profitability of measures of chemical plant protection when growing cucumber in greenhouses. (Ger) Baran, H *Arch Pflanzenschutz* 9 (1): 45-54. Ref. Eng. Sum. 1973

089447 464.8 AR2
Wound healing of seed potatoes after pretreatment with gamma rays. (Ger) Herold, M *Arch Pflanzenschutz* 9 (1): 81-86. Ref. Eng. Sum. 1973

089448 61.9 AS7
Preventing blackening of broad bean (Vicia faba L.) seedlings with calcium nitrate. Bradnock, W T *Ass Off Seed Anal Proc* 62: 125-129. Ref. 1972

089449 61.9 AS7
Biological detection of 2,4-dichlorophenoxyacetic acid contamination of rapeseed (Brassica napus L.). Bradnock, W T *Ass Off Seed Anal Proc* 62: 130-134. 1972

089450 TD881.A8
Mosses: sensitive indicators of airborne mercury pollution. Huckabee, J W *Atmos Environ* 7 (7): 749-754. Ref. July 1973

089451 8 B45A
Treating drought-stricken lawns. Jones, J H *Bermuda Dep Agr & Fish Mon Bull* 43 (6): 49-50. June 1973

089452 8 B45A
Recognition & identification of plant diseases. Wang, E L *Bermuda Dep Agr & Fish Mon Bull* 43 (6): 54-56. June 1973

089453 410 B52
Plant parasitic nematodes (Tylenchida) from Iran. [Economic plants]. Kheirei, A *Biol Jaarb* 40: 224-239. Ref. 1972

089454 100 C12S (1)
Diseases. [Soybeans]. Hall, D H *Calif Agr Exp Sta Bull* 862: 54-56. June 1973

089455 470 C16C
Effect of ozone on leaf cell membranes. [Tobacco]. Swanson, E S *Can J Bot* 51 (6): 1213-1219. Ref. June 1973

089456 450 C16
Accumulation of toxic levels of phosphorus in leaves of phosphorus-deficient barley. Green, D G *Can J Plant Sci* 53 (2): 241-246. Apr 1973

089457 450 C16
Pin nematode, Paratylenchus projectus, in rhubarb in Ontario. Townshend, J L *Can J Plant Sci* 53 (2): 377-381. Apr 1973

089458 385 C42
Biological importance of air pollution. [Plants]. (Dut) Houten, J G ten *Chem Weekbl* 69 (26): 11-12. Ref. June 29, 1973

089459 80 C495
Nematicidal dips for protection of pineapple plants. Milne, D L *Citrus Grow Sub-trop Fruit J* 473: 8-10. May 1973

089460 80 C49
Eight years of root injury from water table fluctuations. [Florida, oranges]. Ford, H W *Citrus Indus* 54 (6): 10-11, 16. Ref. June 1973

089461 80 C49
Lightning & decline of citrus trees in Florida groves. DuCharme, E P *Citrus Indus* 54 (6): 6-7, 18-19. June 1973

089462 80 C498
Summer grove practices. [Citrus, plant protection]. Jackson, L K *Citrus Veg Mag* 36 (10): 6-7. June 1973

089463 275.29 SO8E
Chemicals for control of truck crop insects & diseases. Thomas, C A *Clemson Univ Ext Circ* 534, 48 P. Jan 1973

089464 275.29 SO8E
Nematodes of soybeans in South Carolina & controls. Smith, F H *Clemson Univ Ext Circ* 535, 12 P. Mar 1973

089465 SB4.C6
Physiological disorders. [Apples, pears]. Wilkinson, B G *Commonw Bur Hortic Plant Crops Res Rev* 3: 63-131. Ref. 1973

089466 72.8 EM7
A root lesion nematode parasitic to cotton in Gezira. [Pratylenchus sudanensis]. Yassin, A M *Cotton Growing Rev* 50 (2): 161-168. Apr 1973

089467 64.8 C883
Resistance in soybeans to a new race of root-knot nematode. Williams, C *Crop Sci* 13 (3): 299-301. Ref. May/June 1973

089468 475 SCI23
Occurrence of reniform nematode on merigold plant. [Rotylenchulas reniformis]. Nath, R P *Cur Sci* 42 (12): 440. June 20, 1973

089469 475 SCI23
Distribution of Heterodera avenae Wollen-Weber, cereal cyst nematode in Punjab. Chhabra, H K *Cur Sci* 42 (12): 441. June 20, 1973

089470 58.8 D482
Measures taken in District of Cottbus to improve protection of plants. [German democratic republic]. (Ger) Kesselhut, H *Deut Agrartech* 23 (5): 193-195. 1973

089471 58.8 D482
Influence exerted by organization of measures for protection of plants on securing quality in region of Agrochemical Centre of Altmittweida. [German Democratic Republic]. (Ger) Hirrig, H *Deut Agrartech* 23 (5): 195-197. 1973

089472 103 EA7
Damage to roots of maiden trees held in cold stores with ripening apples. Howard, B H *East Malling Res Sta Annu Rep* P. 191-192. 1973

089473 103 EA7
Winter cold injury to fruit nursery stock. Howard, B H *East Malling Res Sta Annu Rep* P. 193-198. 1973

089474 512 W263B
Bark-stripping by game as an ecological problem. [Forest animal pests]. (Pol) Szukiel, E *Ekol Pol Ser B* 18 (4): 339-359. Ref. Eng. Sum. 1972

089475 TD172.E52
Measurement of atmospheric fluoride concentrations in urban areas. [Plant injuries, air pollution]. Davison, A W *Environ Pollut* 5 (1): 23-33. Ref. July 1973

089476 105.8 G36E
Plant cultivation & integrated plant protection. (Ger) Debruck, J *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 15-37. Ref. 1972

089477 10 EX72
Incidence & control of iron deficiency chlorosis in fruit trees in Iran. Bollejones, E W *Exp Agr* 9 (3): 241-247. July 1973

089478 436.8 EX7
Biological control: implications of analogy between trophic interactions of insect pest-parasitoid & snail-trematode systems. Kuris, A M *Exp Parasitol* 33 (2): 365-379. Ref. Apr 1973

089479 22 F223
Complementary role of plant protection measure vis-a-vis fertilisation of paddy & its economics. Padmanabhan, S Y *Farm J (calcutta)* 14 (3): 9-13. Jan 1973

089480 S19.F37
Diseases of wheat & their control. Nema, A G *Farmer Parliament* 8 (1): 9-10, 27. Jan 1973

089481 S19.F37
Seed protection ensures better crop production. [seed-borne diseases]. Arjunan, G *Farmer Parliament* 8 (2): 19-22, 27-28. Feb 1973

089482 SB403.F5
Trees in trouble. [Diseases, control]. Shurtleff, M C *Flower & Gard North Ed* 17 (6): 14-16. June 1973

089483 S251.F6
One view of cultivation of straw producing crops & injuries to them. (Swe) Wahlin, B *Forsk Prakt* 5, 7 P 1973

089484 SB354.F78
Combating problems following a mild winter. [Fruit culture]. (Dan) Hansen, T *Frugtavleren* 2 (4): 136-139. Apr 1973

089485 SB354.F78
Frozen buds tomorrow – & what can one do? [Fruit culture]. (Dan) Hansen, C *Frugtavleren* 2 (4): 146. Apr 1973

089486 80 F948
Controlling rind blemish in citrus fruit. Freeman, B *Fruit World Market Grower* 74 (3): 12. Mar 1973

089487 80 G1948
Wind damage to strawberry plants. (Ger) Fiedler, W *Gartenbau* 20 (5): 146-147. May 1973

089488 80 G1948
Controlling Meloidogyne incognita Chitwood on Gerbera jamesonii. (Ger) Mende, G *Gartenbau* 20 (6): 180-182. June 1973

089489 80 G1938
Can methods used in fighting fungus aand mites on fruit trees be combined? [Acarina]. (Nor) Sorum, O *Gartneryrket* 63 (20): 416-417. Ref. May 18, 1973

089490 281.8 R522
Methods & equipment used for control of frost. (Ita) Veronesi, G *Genio Rurale* 36 (4): 47-56. Ref. Apr 1973

089491 24 G564
Controlling nematodes in establishing a banana orchard. Ito, P J *Ghana Farmer* 16 (2): 68, 81. Dec 1972

089492 10 G79T
Report on diseases of cultivated plants in England & Wales for years 1957 – 1968. Baker, F F *Great Brit Min Agr Fish Food Tech Bull* 25, 322 P. 1972

089493 436.9 H36
Notes on longevity of Anguina tritici (Steinbuch, 1799) Filipjev, 1936, & its ability to invade wheat seedlings after thirty-two years of dormancy. [Nematodes]. Limber, D P *Helminthol Soc Wash Proc* 40 (2): 272-274. July 1973

089494 100 AL1H
Azides for controlling white mold & beggarweed in peanuts. [Desmodiam polycarpum, Ramularia]. Rodriguez-Kabana, R *Highlights Agr Res (ala Sta)* 20 (2): 8. Summer 1973

089495 SB1.H6
Chilling injury of stored limes & grapefruit as affected by differentially permeable packaging films. Wardowski, W F *Hortscience* 8 (3): 173-175. Ref. June 1973

089496 SB1.H6
Chlorogenic acid levels, ethylene production & respiration of 'd'Anjou' pears affected with cork spot. Wang, C Y *Hortscience* 8 (3): 180-181. Ref. June 1973

089497 SB1.H6
Reduction of flat-podded rogues in seed lots of snap bean. Kerr, L B *Hortscience* 8 (3): 216-217. June 1973

089498 SB215.I5
Sugar beet pest & disease incidence & damage, & pesticide USAge; report of an I.I.R.B. [International Institute for Sugar Beet Research] enquiry. Dunning, R A *I I R B J (Int Inst Sugar Beet Res)* 6 (1): 19-34. 1972

089499 81 ID12
Grapes & winter injury. Horn, T *Idaho State Hort Soc Trans* 78: 18-24. 1973?

089500 81 ID12
Frost warning service. [Fruit]. McCoy, J *Idaho State Hort Soc Trans* 78: 67-68. 1973?

089501 81 ID12
Smudging. [Frost protection]. Falen, R *Idaho State Hort Soc Trans* 78: 70-73. 1973?

089502 81 ID12
Frost prevention techniques. [Fruit]. Ballard, J *Idaho State Hort Soc Trans* 78: 73-75. 1973?

089503 68.29 IN23M
Nematode problems of coffee in India. Palanichamy, K *Indian Coffee* 37 (4): 99-100. Apr 1973

089504 22 IN283
Spray dusting better than just spray. [Plant protection]. Varma, B K *Indian Farming* 22 (9): 41, 43. Dec 1972

089505 TD172.E55
Plants as incicators of air quality. [Pollution, plant injuries]. Brandt, C S *Indic Environ Qual* 1: 101-107. Ref. 1971 (Pub. 1972)

089506 65.8 IN23
Remarks on rhizomanio of sugar beets [Fumigation]. (Ita) Bongiovanni, G C *Indus Sac Ital* 66 (1): 11-16. Ref. Eng. Sum. Jan/Feb 1973

089507 80 IN32
Diseases of vegetables & their control. 2. Special aspects -fruit bearing vegetables. (Ita) Casarini, B *Inf Ortoflorofruttic* 13 (3/4): 11-22. Feb 15/28 1973

089508 80 IN32
Diseases of vegetables & their control. 4. Special aspects vegetables with leaves. (Ita) Casarina, B *Inf Ortoflorofruttic* 13 (7): 11-17. Apr 15, 1973

089509 80 IN32
Diseases of vegetables & their control. (Ita) Casarini, B *Inf Ortoflorofruttic* 13 (8): 11-29. Apr 30, 1973

089510 464.8 IN3
Occurrence of Sheraphelenchus entomophagus on orange fruits. (Ita) Giudice, V L *Inform Fitopatol* 23 (3): 15-16. Mar 1973

089511 340.8 IN8
Importance of prediction & prevention of plant diseases for world food production. Wallin, J R *Int J Biometeorol* 5 (2): 53-61. Ref. 1972

089512 65.8 IN8
Effect of drought on sugar cane. Naqvi, H A *Int Sugar J* 75 (894): 168-169. Ref. June 1973

089513 SB270.J6
Defoliation & fruit drop after Bordeaux mixture spray in arabica coffee. Gopal, N H *J Coffee Res* 3 (1): 14-30. Jan 1973

089514 389.8 F7322
Chilling injury in green banana fruit: changes in peroxidase isozymes in soluble & particulate pools. Haard, N F *J Food Sci* 38 (4): 642-645. Ref. May/June 1973

089515 SB951.A1J3
Guarantine of imported timbers in Japan. Otsuka, M *Jap Pestic Inf* 15: 11-15. Apr 1973

089516 66.9 J27 SUPPL.
An example of protection against damage from strong winds by shelter nets & their availability. (Jap) Kunishi, T *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 85-89. Eng. Sum. 1972

089517 S19.J3
Akagare disease of rice plant. Tajima, K *JArq (j Agr Res Quart)* 7 (1): 19-24. 1973

089518 S19.J3
Abnormal defoliation of Satsuma mandarin trees. Ishihara, M *JArq (j Agr Res Quart)* 7 (1): 38-42. 1973

089519 107.6 K113
Studies on defoliation of grapevines in summer season. XI. effect of copper & flood irrigation on appearance of leaves of turning-yellow vein. (Jap) Kuretani, M *Kagawa Univ Fac Agr Tech Bull* 24 (2): 229-234. Ref. Eng. Sum. Mar 1973

089520 80 K122
Occurrence of gummosis in apple & calcium content in its fruit. (Jap) Fukuda, H *Kajitsu Nippon* 28 (4): 88-91. 1973

089521 75.8 K145
Aspects of profitability of plant protection measures. (Ger) Wiebe, G *Kartoffelbau* 24 (5): 110-111. May 1973

089522 99.8 L5632
Harmful factors in forest cultures below Kralova hola. (Slo) Patocka, J *Les (Bratislava)* 29 (5): 206-211. May 1973

089523 58.8 D81
Tasks & responsibility in professional application of plant protection materials. (Ger) Hanuss, K *Lohnunternehmen LandForstwirtsch* 28 (5): 146-148, 150, 152-154. Ref. May 1973

089524 59.9 C813
Mineral-deficint maize inbreds. Fleming, A A *Maize Genet Coop News Lett* 47: 38-39. Apr 15, 1973

089525 SB722.N4N4
Diseases of cherries (not including virus diseases). 3d ed. *N S W Dep Agr Biol Br Plant Dis Bull* 116, 15 P. 1972

089526 SB722.N4N4
Molybdenum deficiency in plants, 4th ed. *N S W Dep Agr Biol Br Plant Dis Bull* 128, 8 P. 1972

089527 442.9 B832
Population growth & pathogenicity of Paratylenchus sp. On carrots & celery. (Ger) Thomas, E *Nachrichtenbl Deut Pflanzenschutzdienstes* 25 (4): 51-55. Eng. Sum. Apr 1973

089528 442.9 B832
Observations of a not yet described damage on young winter wheat. [Frost injuries]. (Ger) Ohnesorge, B *Nachrichtenbl Deut Pflanzenschutzdienstes* 25 (4): 56-57. Eng. Sum. Apr 1973

089529 442.9 B832
Information Center for Tropical Plant Protection – its tasks & activities. (Ger) Koronowski, P *Nachrichtenbl Deut Pflanzenschutzdienstes* 25 (4): 58-60. Map. Apr 1973

089530 100 N27 (4)
Spring & fall freeze probabilities for Nebraska. Neild, R E *Nebr Agr Exp Sta Sb* 524, 52 P., Map. Apr 1973

089531 11 N8122
Increasing natural immunity as an alternative to fighting disease & scale insects with chemicals. [Coccoidea]. (Nor) Strand, E *Norsk Landbruk* 7: 8-9. Apr 5, 1973

089532 SB599.N63
Water problems in seed dressing. (Hun) Kacso, A *Novenyved Korszerusitese Mod Plant Prot* 6: 127-133. Ref. Eng. Sum. 1972 (Pub. 1973)

089533 SB599.N63
Investigations on effects of chemicals for preventing game damage. [Plant protection]. (Hun) Kerekes, G *Novenyved Korszerusitese Mod Plant Prot* 6: 143-159. Ref. Eng. Sum. 1972 (Pub. 1973)

089534 20.5 N86
Incidence of most important diseases & pests of agricultural crops in Poland in 1972 & forecasts of their incidence & destructiveness for 1973. (Pol) Babilas, W *Nowe Roln* 22 (9): 23-26. May 1/15, 1973

089535 7 ON8P
1973 Spray calendar for fruits in home gardens. *Ont Dep Agr Food Publ* 366, 8 P. 1973

089536 81 OR32
Symptoms & subsequent results of winter freeze injury on fruit trees. Ketchie, D O *Oreg Hort Soc (proc)* 64: 1-2. 1973

089537 81 OR32
Seed-borne & other important diseases of green beans. Hagedorn, D J *Oreg Hort Soc (proc)* 64: 159-160. 1973

089538 81 OR32
A look at damaging freeze of December, 1972. [Fruit]. Bates, E M *Oreg Hort Soc (proc)* 64: 3-13. Maps. 1973

089539 56.8 P343
Species of genus Heterodera & their distribution. (Ger) Stelter, H *Pedobiologia* 13 (1): 40-61. Eng. Sum. 1973

089540 464.9 P482
Silver jubilee of Austrian plant protection legislation. (Ger) Beran, F *Pflanzenarzt* 26 (5): 48-49. May 1973

089541 450 P5622
Sulphite inhibition of ATP [adenosine triphosphate] formation in plant mitochondria. [Kidney beans, corn]. Ballantyne, D J *Phytochemistry* 12 (6): 1207-1209. Ref. June 1973

089542 450 P5622
Destruction of indole-3-acetic acid during aerobic oxidation of sulfite. [pollution]. Yang, S F *Phytochemistry* 12 (6): 1463-1466. June 1973

089543 464.8 P562
On division of classes to rate severity of plant diseases. (Ger) Analytis, S *Phytopathol Z* 76 (4): 319-327. Eng. Sum. Apr 1973

089544 464.8 P562
Investigations upon Ca [calcium] related physiological disorders. [Tomatoes]. Bangerth, F *Phytopathol Z* 77 (1): 20-37. Ref. May 1973

089545 464.8 P56
Effect of two plant-parasitic nematodes on Fusarium [solani] dry root rot of beans. [Pratylenchus penetrans, Meloidogyne]. Hutton, D G *Phytopathology* 63 (6): 749-751. Ref. June 1973

089546 1.9 P69P
Distribution, frequency of occurence & population dynamics of Rotylenchulus reniformis in Georgia. [Cotton, soybeans]. Bird, G W *Plant Dis Rep* 57 (5): 399-401. Map. May 1973

089547 1.9 P69P
Nutsedges as hosts of plant-parasitic nematodes in Georgia cotton fields. [Cyperus, Meloidogyne incognita, Hoplolaimus columbus]. Bird, G W *Plant Dis Rep* 57 (5): 402-403. May 1973

089548 1.9 P69P
Comparison of grape rootstocks in nematode-infested soil after preplant soil fumigation. [meloidogyne incognita, Pratylenchus vulnus, Xiphinema americanum]. Raski, D J *Plant Dis Rep* 57 (5): 416-419. May 1973

089549 1.9 P69P
Phytotoxicity of dodine & azinphosmethyl to cherry fruit. [Leaf spot, Coccomyces hiemalis]. Jones, A L *Plant Dis Rep* 57 (5): 428-431. May 1973

089550 1.9 P69P
Effect of industrial mycelial residues, wood fiber wastes, & chitin on plant-parasitic nematodes & some soilborne diseases. [Tylenchorhynchus dubius, Pratyl Miller, P M *Plant Dis Rep* 57 (5): 438-442. Ref. May 1973

089551 1.9 P69P
Control of Meliodogyne incognita on peach by chemical bare-root dips. Ponchillia, P E *Plant Dis Rep* 57 (6): 489-492. June 1973

089552 1.9 P69P
Control of Pratylenchus penetrans in raspberry root cuttings. McElroy, F D *Plant Dis Rep* 57 (6): 492-495. Ref. June 1973

089553 1.9 P69P
Root knot on potato in West Pakistan. [Meloidogyne hapla]. Ahmad, R *Plant Dis Rep* 57 (6): 505-506. June 1973

089554 1.9 P69P
Ozone injury in potato variety trials. Brasher, E P *Plant Dis Rep* 57 (6): 542-544. June 1973

089555 450 P696
Soil-plant-water aspects of ozone phytotoxicity in tomato plants. Khatamian, H *Plant Soil* 38 (3): 531-541. Ref. June 1973

089556 450 P696
Phytotoxicity from plant residues. III. relative effect of toxins & nitrogen immobilization on germination & growth of wheat. Kimber, R W L *Plant Soil* 38 (3): 543-555. Ref. June 1973

089557 450 P696
Accumulation of damaging concentrations of phosphorus by leaves of Selkirk wheat. [Necrosis]. Green, D G *Plant Soil* 38 (3): 567-572. June 1973

089558 450 P696
Copper-induced chlorosis in Becium homblei (De Wild.) Duvign. & Plancke. Reilly, A *Plant Soil* 38 (3): 671-674. Ref. June 1973

089559 81 W524
What is cause of death of young peach trees in south? Wilson, C *Proc Annu Conv Natl Peach Counc* 32D: 44-47. 1973

089560 SB950.A1P3
Plant pathology in Malawi. Siddiqi, M A *PAns Pest Artic News Summ* 19 (2): 208-215. Ref. June 1973

089561 464.8 R52
Application of some techniques of remote sensing in study of ecology & diseases of vegetables. I. photography of 'false color'. (Ita) Locci, R *Riv Pathol Veg* (Ser. 4) 8 (4): 373-382. Ref. Eng. Sum. Oct/-Dec 1972

089562 65.8 SO8
Critical growth stages for 2,4-D phytotoxicity to sugarcane in South Africa. Richarson, F E *S Afr Sugar J* 57 (3): 143,145-147, 149-151. Mar 1973

089563 80 SA15
Organization of protection of palmetto gardens from pests & diseases. (Rus) Tutevich, M T *Sadov Vinogradarstvo Vinodelie Moldavii* 4: 55-57. Apr 1973

089564 21 P75
Effect of damage by hail on some morphophysiological characteristics & yields of wheat. (Cro) Jevtic, S *Savremena Poljoprivreda* 20 (10): 19-30. Eng. Sum. 1972

089565 80 SCH9
Bud eating pests in viticulture. [Earth worms, Curculionidae, wildlife]. (Ger) Rauscher, S *Schweiz Z Obst Weinbau* 109 (10): 234-236. Apr 28, 1973

089566 99.8 W143
Mapping of sulfur dioxide immission & its use in land improvement. (Ger) Flemming, G *Sozialistische Forstwirtsch* 23 (3): 87-88. Mar 1973

089567 66.8 SP7
Increased profitability through nitrogen management. [Sugar beets]. Ellis, L W *Spreckels Sugar Beet Bull* 36 (1): 7. 1973

089568 9.6 SU7
Root-knot nematode infestation (Meloidogyne sp.) in irrigated rice at SML Wageningen Rice Scheme. Halteren, P van *Surinaamse Landbouw* 20 (3): 42-43. 1972

089569 464.8 SP2
Rodent pests of West Africa. [Economic plants]. Bellier, L *SPan (shell Publ Health Agr News)* 16 (1): 28-30. 1973

089570 464.8 SP2
Pest control: what vegetable processor wants. Kovachich, W G *SPan (shell Publ Health Agr News)* 16 (1): 30-32. 1973

089571 11 T439
Influence of summer & post-harvest application of succinic acid 2,2-dimethyl hydrazide (Alar) on winter hardiness of apple trees. Stoyanov, S M *Tidsskr Planteavl* 77 (2): 180-183. 1973

089572 385 T573B
Effect of flavianic acid on hatching rate of free eggs of Heterodera glycines Ichinohe. (Jap) Okada, T *Tokyo Agr Chem Insp Sta Bull* 12: 93-95. Eng. Sum. Oct 1972

089573 56.9 C432
Study on nitrification inhibitors. 2; injurious effects of nitrification inhibitors on some crops. [Wheat, cucumber, radish]. (Jap) Sampei, M *Tokyo Nat Inst Agr Sci Bull Ser B (soils & Fert)* 24: 53-99. Ref. Eng. Sum. Mar 1973

089574 SB111.A2T72
Malayan wood rat, Rattus tiomanicus (Miller), as a pest in oilpalms & its control. (Ger) Hoeppe, C *Tropenlandwirt* 74: 35-42. Eng. Sum. Apr 1973

089575 A99.9 F764UN
Effects of removing pole-blighted western pine trees on growth & development of a mixed conifer stand. [Pinus monticola, Pseudotsuga menziesii, Thuja plicata]. Leaphart, C D *U S Forest Serv Res Note Int* 161, 6 P. May 1972

089576 474 UM7
Barks as indicators of air pollution. (Ger) Lotschert, W *Umschau* 73 (13): 403-404. Eng. Sum. July 1, 1973

089577 442.8 UZ1
Dynamics of nematode fauna of potatoes & root area of soil according to developmental phases. (Rus) Ailarova, Z S *Uz Biol Zhur* 1: 52-53. 1973

089578 442.8 UZ1
Nematode fauna of carrots & onions. (Rus) Karimova, M M *Uz Biol Zhur* 1: 54-55. 1973

089579 80 V662
Relationship of chemical elements to apple storage disorders. Flentje, W M *Victorian Hort Dig* 17 (1): 12-13. 1973

089580 80 V662
Post harvest apple dips. [disease control]. Peggie, I D *Victorian Hort Dig* 17 (1): 21-23. 1973

089581 448.8 V81
Estimate of absolute specific infectivity of wound tumor virus purified with polyethylene glycol. [Agallia constricta plants]. Reddy, D V R *Virology* 54 (1): 150-159. Ref. July 1973

089582 95.8 W73
Possibilities of integrated plant protection in viticulture. (Ger) Nieder, G *Winzer* 29 (5): 112-114, 116. May 1973

089583 18 J825
Solution culture studies on deficiencies of some nutrient elements in jute plant. Khan, D H *Z Acker& Pflanz* 137 (1): 57-68. Ref. Mar 1973

089584 448.3 C33 (3)
Effects of Meloidogyne javanica & incognita on amino acid & reducing sugar content of certain soybean varieties. Abd El-Rehim, M A *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 128 (1/2): 97-100. Ref. 1973

WEEDS AND HERBICIDES

089585 381 AD93
Structure-activity correlations for meta-and para-substituted trifluoromethanesulfonanilide pre-emergence herbicides. Yapel, A F *Adv Chem Ser* 114: 183-251. Ref. 1972

089586 381 AD93
Effect of a penetrant aid on preemergence herbicidal activity of trifluoromethanesulfonanilides. Van Valkenburg, W *Adv Chem Ser* 114: 252-267. Ref. 1972

089587 381 AD93
Hansch structure-activity approach as an aid in designing new biologically active chemicals. [Insecticides, herbicides]. Neely, W B *Adv Chem Ser* 114: 268-277. Ref. 1972

089588 S9.A3
Weed control in corn. (Ita) Bosis, A *Agric Bergamasca* 24 (4): 30-32. Apr 1973

089589 22.5 N682
Weed control techniques for lawn. (Jap) Nakajima, S *Agric Hortic* 48 (5): 61-67. May 1973

089590 256.13 AG82M
Noxious weeds in grassland: Docks, thistles & ragwort. [Rumex obtusifolius, Cirsium arvense]. Courtney, A D *Agric North Irel* 48(1): 22-25. May 1973

089591 21.5 AG84
Weeds as indicator plants of microrelief of cultivated agricultural land in Central Podravina. (Cro) Kovacevic, J *Agron Glas* 36 (7/8): 429-438. Ref. 1972

089592 21.5 AG84
Soil assessment of cultivated land by means of weeds. (Cro) Kovacevic, J *Agron Glas* 36 (7/8): 439-444. 1972

089593 24 AL2
Relation between chemical structure & biological activity. XXXI. Phytocidal properties of certain alkylxanthates. El-Nawawy, A S *Alexandria J Agr Res* 20 (1): 151-155. Ref. June 1972

089594 24 AL2
Relation between chemical structure & biological activity. XXXII. Phytotoxicity of metal complexes of dithioacids to cotton seedlings. El-nawawy, A S *Alexandria J Agr Res* 20 (1): 157-167. June 1972

089595 11 AL8K
Stopping wild oats. [Avena fatua]. (Swe) Charpentier, A *Alvsborgs Lans Sodra Hushallningssallsk Tidskr* 4: 12-13. June 1973

089596 11 AL8K
Weeds & their consequences. (Swe) Hakansson, S *Alvsborgs Lans Sodra Hushallningssallsk Tidskr* 4: 17-19. June 1973

089597 11 AL8K
Bentgrass or couchgrass? [Agrostis, Agropyron repens]. (Swe) Andersson, A *Alvsborgs Lans Sodra Hushallningssallsk Tidskr* 4: 19-20. June 1973

089598 80 N216
Weed trees in city: Horticultural derelicts or unsung heroes? Beatty, R A *Amer Hort Mag* 52 (2): 4-7. Summer 1973

089599 34.2 AN4
Studies on control of water hyacinth (Eichhornia crassipes) by herbicides. Patro, G K *Andhra Agr J* 18 (3/4): 139-143. May/Aug 1971 (Pub. 1973)

089600 34.2 AN4
Weed control in maize by herbicides. Singh, D J C *Andhra Agr J* 18 (3/4): 91-96. May/Aug 1971 (Pub. 1973)

089601 99.8 AR14
Environmental effects of herbicides. Carvell, K L *Arborist's News* 38 (7): 121-124. July 1973

089602 S7.A755
Problems of weed infestation in short-strawed cereal stands. (Ger) Otto, R *Arch Acker Pflanz Bodenkd* 17 (4): 309-319. Eng. Sum. 1973

089603 449.8 AR2
Rapid sensitive herbicide bioassay by inhibition of trichome-migration of blue-green algae. (Ger) Noll, M *Arch Hyg Bakteriol* 157 (2/3): 178-183. Eng. Sum. 1973

089604 464.8 AR2
Measuring effect of herbicides on grain yield. (Ger) Hollnagel, J *Arch Pflanzenschutz* 9 (1): 37-43. Eng. Sum. 1973

089605 61.9 AS7
Interpretation of negative results arising from tests for presence of noxious weed seeds. Niffenegger, D *Ass Off Seed Anal Proc* 62: 43-48. Ref. 1972

089606 61.9 AS7
Improvements in statistical analysis for tolerances of noxious weed seeds. Dodge, Y *Ass Off Seed Anal Proc* 62: 49-57. 1972

089607 61.9 AS7
Application of sequential analysis to tests for noxious weed seeds. Dodge, Y *Ass Off Seed Anal Proc* 62: 58-67. 1972

089608 61.9 AS7
Germination of smartweed (Polygonum pensylvanicum L.) seed. Belcher, E W *Ass Off Seed Anal Proc* 62: 94-97. 1972

089609 61.9 AS7
Evaluating duration of dormancy in Polygonum pensylvanicum L. Belcher, E W *Ass Off Seed Anal Proc* 62: 98-100. 1972

089610 381 AS7
Determination of diuron in wheat. Parouchais, C *Ass Offic Anal Chem J* 56 (4): 831-833. Ref. July 1973

089611 23 AU792
Effect of defoliation & sward density on growth of some annual pasture species. [Arctotheca calendula, subterranean clover, Lolium rigidum]. McIvor, J G *Australian J Exp Agr Anim Husb* 13 (61): 178-184. Apr 1973

089612 16 AV9
Is chemical weed control beneficial? (Ita) Pezzani, R *Avvenire Agr* 81 (2): 31-34. Feb 1973

089613 442.8 B523
Investigations into frequency of chlorophyll defective plants in Hordeum vulgare after treatment with a carbamate herbicide & combined with mutagens. [Barley]. (Ger) Nasta, A *Biol Zentralbl* 92 (2): 173-178. Ref. Eng. Sum. Mar/Apr 1973

089614 500 AM322A
Effects of herbicides on seedlings of red mangrove, Rhizophora mangle L. Walsh, G E *Bioscience* 23 (6): 361-364. Ref. June 1973

089615 464.8 B542
Research about biology & chemical control of Alhagi camelorum Fisch, in middle Anatolia. (Tur) Kurhan, N *Bitki Koruma Bulteni* 12 (4): 199-223. Ref. Eng. Sum. Dec 1972

089616 QH540.S7
An autoradiographic technique to observe uptake & utilization by microorganisms of carbon-14 derived from labelled herbicides in soil. Grossbard, E *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 275-276. 1973

089617 QH540.S7
Rapid techniques for assessment of effect of herbicides on soil microorganisms & cellulolytic activity. Grossbard, E *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 473-474. 1973

089618 59.8 B872
Agronomic problems posed by annual wild rice. (Fre) Chabrolin, M *Bull Inform Riziculr France* 144: 16-19. Jan/Feb 1973

089619 14 P215BC
Influence of certain herbicides on soil microflora: Agronomic consequences. (Fre) Bertrand, D *C R Seances Acad Agric Fr* 58 (17): 1469-1473. 1972

089620 100 C12S (1)
Weed control. [Soybeans]. Fischer, B B *Calif Agr Exp Sta Bull* 862: 28-34. June 1973

089621 60.18 SO8
Weed control progress report: postemergence broadleaf weed control in turfgrass. [Soliva sesselis, Ranunculus muricatus, Plantago major]. Elmore, C L *Calif Turfgrass Cult* 23 (1): 6. Winter 1973

089622 410.9 OT8
Effect of herbicide-induced changes in vegetation on nesting ducks. Dwernychuk, L W *Can Field Natur* 87 (2): 155-165. Ref. Apr/June 1973

089623 470 C16C
A relationship between nuclear volume & response to auxin herbicides for some weed species. Mohandas, T *Can J Bot* 51 (6): 1133-1136. Ref. June 1973

089624 450 C16
A chrysomelid beetle defoliating big sagebrush in south-central British Columbia. [Artemisia tridentata, Trirhadda pilosa, weed control]. Halford, S A *Can J Plant Sci* 53 (2): 383-384. Map. Apr 1973

089625 450 C16
Persistence of trifluralin under field conditions in Saskatchewan. [Weed control]. Rahman, A *Can J Plant Sci* 53 (2): 421-423. Apr 1973

089626 56.8 C162
Interaction of humic substances with bipyridylium herbicides. Khan, S U *Can J Soil Sci* 53 (2): 199-204. Ref. May 1973

089627 384 C4283
Model tests made with a view to determining rate of decomposition of herbicide Proximpham in soil in presence of herbicide secondary components. (Ger) Hamroll, B *Chem Tech (berlin)* 25 (7): 423-424. July 1973

089628 512 W263B
Utilization of phytophagous fish for aquatic weeds control. (Pol) Opuszynski, K *Ekol Pol Ser B* 18 (2): 111-124. 1972

089629 105.8 G36E
Uptake and decomposition of herbicides by cultivated plants. (Ger) Alkamper, J *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 76-92. Ref. 1972

089630 10 EX72
Competitive effects of Cynodon dactylon, Sorghum halepense & Cyperus rotundus on cotton & mustard. Horowitz, M *Exp Agr* 9 (3): 263-273. Ref. July 1973

089631 22 F223
A note on performance of Dowpon, Varitox & Bladex P on weed population & yield of jute (Corchorus olitorius). Patro, G K *Farm J (calcutta)* 14 (2): 23-24. Dec 1972

089632 SF1.A4
Brush control & forage production in aspen parkland after spraying. Bailey, A W *Feeders' Day Dep Anim Sci Univ Alberta* 51St: 45-47. June 1972

089633 S631.F44
Bright future of feed & weed. [Fertilizers, herbicides]. Johnson, D *Fert Prog* 4 (3): 24-26, 28. May/June 1973

089634 450 F58
Effect of atrazine on potassium absorption by barley roots. (Rus) Zhirmunskaia, N M *Fiziol Rast (mosc)* 20 (3): 482-487. Ref. Eng. Sum. 1973

089635 450 F58
Pathways of realization of herbicide action of 2,4-d. [2, 4-dichlorophenoxy acetic acid]. (Rus) Chkanikov, K I *Fiziol Rast (mosc)* 20 (3): 603-609. Ref. Eng. Sum. 1973

089636 410 F662
Spread of Elytrigia junceiformis x Elytrigia pungens, beach couchgrass x stiff couchgrass, in Strostroms County. (Dan) Larsen, E *Flora Fauna* 79 (2): 47-50. Map. Ref. June 1973

089637 S19.F63
Gramoxone reduces tillage for rice. Lenka, D *Food Farming Agric* 5 (1): 12-13. July 1972

089638 14 F844B
Soil maintenance in orchards by utilization of herbicides: Possibilities, limits & consequences of this technique. (Fre) Clanet, H *France Min Agr Bull Tech Inform* 278 (Special No.): 261-265. Mar/Apr 1973

089639 14 F844B
New cultural techniques in vineyard. [Herbicides]. (Fre) Agulhon, R *France Min Agr Bull Tech Inform* 278 (Special No.): 277-293. Ref. Mar/Apr 1973

089640 SB354.F78
Chemical herbicides in fruit tree & berry cultivation. (Dan) Bakkendrup-Hansen, G *Frugtavleren* 2 (5): 176-179. May 1973

089641 80 G1938
Concern over herbicides remaining in production. (Nor) Bylterud, A *Gartneryrket* 63 (21): 423-424. May 25, 1973

089642 464.8 G33
Control of Agropyron repens in potatoes with Dowpon. (Ger) Englet, J *Gesunde Pflanzen* 25 (5): 77-79. May 1973

089643 464.8 G33
Chemical control of Agropyron repens in potatoes, preemergency treatments. (Ger) Kees, H *Gesunde Pflanzen* 25 (5): 80-82, 84, 86. Eng. Sum. May 1973

089644 464.8 G33
Effect of mass propagation of Setaria & Amaranthus species on biocenosis in corn & vegetable cultures. (Ger) Engel, *Gesunde Pflanzen* 25 (5): 88, 90-94. May 1973

089645 100 AL1H
Green control on way-to control weeds, regulate ornamental growth. [Plant regulators]. Sanderson, K C *Highlights Agr Res (ala Sta)* 20 (2): 10. Summer 1973

089646 100 AL1H
Soil sterilants & cogongrassgood but not perfect control. [Imperata cylindrica]. Dickens, R *Highlights Agr Res (ala Sta)* 20 (2): 5. Summer 1973

089647 SB1.H6
Effect of pronamide on lettuce growth & weeds as affected by soil type. Mitidieri, A *Hortscience* 8 (3): 224-225. June 1973

089648 SB614.H9
Effects of a 2,4-D [2, 4-dichlorophenoxyacetic acid] application on biota & water quality in Currituck Sound, North Carolina. Whitney, E W *Hyacinth Control J* 11: 13-17. June 1973

089649 SB614.H9
Maintenance control of Hydrilla. [Verticillata]. Downing, F *Hyacinth Control J* 11: 18, June 1973

089650 SB614.H9
Experience with Eurasian watermilfoil at Edgewood Arsenal, Maryland. [Myriophyllum spicatum]. Fauroat, C W *Hyacinth Control J* 11: 19-20. June 1973

089651 SB614.H9
Florida Department of Natural Resources & its role in aquatic plant research & control. Hudson, J C *Hyacinth Control J* 11: 2-4. June 1973

089652 SB614.H9
Control of watermilfoil in large Wisconsin lakes. [Myriophyllum]. Thompson, T W *Hyacinth Control J* 11: 20-23. Ref. June 1973

089653 SB614.H9
Increasing efficiency of aquatic plant management through processing. [Weed control]. Koegel, R G *Hyacinth Control J* 11: 24-30. Ref. June 1973

089654 SB614.H9
Burning as a supporting treatment in controlling waterhyacinth in Sudan 1. Routine burning. [Eichornia crassipes]. Mohamed, B F *Hyacinth Control J* 11: 31-34. June 1973

089655 SB614.H9
Burning as a supporting management in control of waterhyacinth in Sudan. II. Backburning. [Eichornia crassipes]. Mohamed, B F *Hyacinth Control J* 11: 34-37. Ref. June 1973

089656 SB614.H9
Past & current research on diseases of Eurasian watermilfoil (Myriophyllum spicatum L.). [Biological control]. Hayslip, H F *Hyacinth Control J* 11: 38-40. Ref. June 1973

089657 SB614.H9
A zonal leaf spot of waterhyacinth caused by Cephalosporium zonatum. [Eichornia crassipes, Biological control]. Rintz, R E *Hyacinth Control J* 11: 41-44. June 1973

089658 SB614.H9
Pathogenicity of fungi & bacteria from india to Hydrilla [Verticillata] & waterhyacinth. [Eichornia crassipes, biological control]. Charudattan, R *Hyacinth Control J* 11: 44-48. June 1973

089659 SB614.H9
Ecological implications of water levels on plant growth in a shallow water reservoir. [Aquatic weeds]. Hestand, R S *Hyacinth Control J* 11: 54-58. Map. Ref. June 1973

089660 SB614.H9
Effect of pH [hydrogen ion-concentration] & high phosphorus concentrations on growth of waterhyacinth. [Eichornia crassipes]. Haller, W T *Hyacinth Control J* 11: 59-61. Ref. June 1973

089661 SB614.H9
Sale & purchase of herbicides. Clark, R P *Hyacinth Control J* 11: 6-7. June 1973

089662 SB614.H9
Controlled-release herbicide-polymer formulations for aquatic weed control. Harris, F W *Hyacinth Control J* 11: 61-63. Ref. June 1973

089663 SB614.H9
Aquatic plant problems in Walla Walla District. Hesser, E F *Hyacinth Control J* 11: 9-13. Map. June 1973

089664 410 H992
Effect of herbicides on some freshwater animals. (Ger) Pravda, O *Hydrobiologia* 42 (1): 97-142. Ref. Eng. Sum. July 6, 1973

089665 81 ID12
Orchard weed control. Ellis, J E *Idaho State Hort Soc Trans* 78: 46-47. 1973?

089666 SB453.F37 1973
Weeds to conquer. [Lawns]. Jagschitz, J A *In Faust, Joan Lee. The New York Times Garden Book* P. 193-198. 1973

089667 SB951.V35
Penetration & translocation of herbicides. Bayer, D E *In Van Valkenburg, Wade, ed. Pesticide Formulations* P. 387-439. Ref. 1973

089668 22 IN294
A note on control of weeds in pulses (peas & gram) by chemical method. Mukhopadhyay, S K *Indian Agr* 16 (2): 209. 1972

089669 22 IN283
Cuscuta a parasite on niger. [Ethiopian nigerseed]. Hanson, R G *Indian Farming* 22 (9): 34-35, 43. Dec 1972

089670 22 AG83I
Weed control in sorghum through cultural & chemical methods. Patro, G K *Indian J Agr Sci* 42 (12): 1128-1131. Dec 1972

089671 16 IT1
Copper in rice fields. [Weed control]. (Ita) Bencivelli, A *Ital Agr* 110 (2): 247-252. Feb 1973

089672 381 J8223
P-value approach to quantitative liquid-liquid extraction of pesticides & herbicides from water. 3. Liquid-liquid extraction of phenoxy acid herbicides from water. Suffet, I H *J Agr Food Chem* 21 (4): 591-598. Ref. July/Aug 1973

089673 381 J8223
Photolysis of herbicide dinitramine (N3,N3-diethyl-2,4-dinitro-6-trifluoromethyl-m-phenylenediamine). Newsom, H C *J Agr Food Chem* 21 (4): 598-601. Ref. July/Aug 1973

089674 381 J8223
Transformation of dicamba in Regina heavy clay. Smith, A E *J Agr Food Chem* 21 (4): 708-710. Ref. July/Aug 1973

089675 381 J8223
Microdetermination of chloro-s-triazines in soil by gas-liquid chromatography with nickel electron capture or electrolytic conductivity detection. Young, H Y *J Agr Food Chem* 21 (4): 711-713. July/Aug 1973

089676 23 W52J
Faster weed germination with early cultivation. [Cultural control]. Pearce, G A *J Agr West Aust* 14 (1): (Ser. 4): 134-138. Mar 1973

089677 23 W52J
Noxious weed control policy. Ritchie, J A *J Agr West Aust* 14 (1): (Ser. 4): 139-144. Maps. Mar 1973

089678 SB270.J6
New method for assessment of weed control. Awatramani, N A *J Coffee Res* 3 (1): 28-30. Jan 1973

089679 SB951.A1J3
Dominant species of paddy weeds & their control in Japan. [Rice]. Amatatsu, K *Jap Pestic Inf* 15: 24-28. Apr 1973

089680 75.8 K145
New forms of application in weed control with Aresin. [Potatoes]. (Ger) Finkenwerth, E *Kartoffelbau* 24 (4): 87. Apr 1973

089681 SB13.K45
Possibilities of biotest determination of herbicides. (Hun) Hunyadi, K *Kertgazdasag* 5 (1): 61-67. Ref. Eng. Sum. 1973

089682 105.9 H89
Importance of biological researches connected with chemical weed-control. (Hun) Ubrizsy, G *Kiserletugyi Kozlemenyek* 64 (1/3): 93-111. Ref. Eng. Sum. 1971 (Pub. 1973)

089683 442.8 K84
Action & conversion of urea-herbicides in plants & in soil. (Pol) Ciszewska, R *Kosmos Ser A Biol* 22 (2): 107-116. Ref. 1973

089684 58.8 L235
Mechanical weed ocntrol in corn culture is timely again? (Ger) Geyer, C *Landtechnik* 28 (7): 218-219. May 1973

089685 11 L234
Practical experience in fighting coltsfoot & greasewood. [Tussilago farfara, Sarcobatus vermiculatus]. (Swe) Hofsten, C G von *Lantmannen* 84 (10): 29-31. May 25, 1973

089686 79.8 L91
A new formula for vegetable crops, SI-OLCID. [Linuron, weed control]. (Ita) Colucci, L *Lotta Antiparassitaria* 25 (1): 13-14. Jan 1973

089687 79.8 L91
Weed control of fruit culture. (Ita) Fabbri, L *Lotta Antiparassitaria* 25 (1): 3-7. Jan 1973

089688 79.8 L91
Weed control of potato varieties. [Chemical control]. (Ita) Panero, M *Lotta Antiparassitaria* 25 (2): 10-14. Feb 1973

089689 79.8 L91
Weed control of leguminous grasses by rotation of crops. (Ita) Fabbri, L *Lotta Antiparassitaria* 25 (2): 3-7. Feb 1973

089690 79.8 L91
Dock plants in alfalfa & clovers. [Rumex, weeds, chemical control]. (Ita) Capolupo, P *Lotta Antiparassitaria* 25 (3): 12-13. Mar 1973

089691 59.9 C813
Monogenic chlorotic-lesion resistance in corn Helminthosporium maydis. Smith, D R *Maize Genet Coop News Lett* 47: 52-53. Apr 15, 1973

089692 SB375.M32
Effects of six post-emergence herbicides on young pineapple. Lee, S A *Malay Pineapple Ind Board Malays Pineapple* 2: 47-52. 1972

089693 58.8 M4623
Technology of soil preparation, application of herbicides & planting of soybeans. (Rum) Traistaru, F *Mec Elec Agr* 18 (4): 63-70. Apr 1973

089694 275.29 M76NO
Lipids cause varying responses to 2, 4-D [2, 4-dichlorophenoxy acetic acid – controlling Canada thistle. [Cirsium arvense]. Jackson, L *Mont State Univ Coll Agric Coop Ext Serv Now* 9 (3): 8-9. Map. Spring 1973

089695 389.8 N142
Determination of pesticide residues in bee honey. II. Semiquantitative thin-layer chromatographic determination of herbicide residues in bee honey. (Ger) Muller, B *Nahrung* 17 (3): 387-392. Eng. Sum. 1973

089696 60.19 N48
Weeds & pasture community. Rumball, P J *New Zeal Grassland Ass Proc* 34Th: 91-98. 1973

089697 60.19 N48
Control of weeds in high fertility pastures. Allen, F C *New Zeal Grassland Ass Proc* 34Th: 99-106. Ref. 1973

089698 11 N8122
Sow thistle in field. [Sonchus, weeds]. (Nor) Fykse, H *Norsk Landbruk* 7: 23. Apr 5, 1973

089699 11 N8122
Fighting weed seeds in root crops & oil crops. (Nor) Fiveland, J *Norsk Landbruk* 7: 6-7, 36. Apr 5, 1973

089700 8 P832J
Chemical control of paragrass (Brachiaria mutica (Forsk.) Stapf) in a jumid upland area. Whitney, A S *P R Univ J Agr* 57 (2): 129-135. Apr 1973

089701 464.8 P21
Weed control in sugar beet versus fodder beet. [Galinsoga parviflora, ISolanum nigrum]. (Fle) Himme, M van *Parasitica* 28 (2): 57-62. Eng. Sum. 1972

089702 SB951.P47
New nitrogen-containing herbicides. Baskakov, Y A *Pestic Sci* 4 (3): 289-303. Ref. June 1973

089703 464.9 P482
Weed control in corn. (Ger) Neururer, H *Pflanzenarzt* 26 (5): 47-48. May 1973

089704 99.8 P53
Research on chemical control of forest weeds conducted in U. P. [university Philippines] college of forestry. Zabala, N Q *Philippine J Forest* 22 (1/4): 59-86. 1966/1970 (Pub. 1973)

089705 464.8 P56
Pathogenicity of Rhizoctonia solani to aquatic plants. [Weeds, biological control]. Joyner, B G *Phytopathology* 63 (6): 681-685. June 1973

089706 22 P693
Some common weeds of south Indian tea fields. 10. [Biophytum sensitivum, Plantago major]. Haridas, P *Planters Chron* 68 (11): 227-228. June 1, 1973

089707 22 P693
Some common weeds of south Indian tea fields. 8. [Crassocephalum crepidioides, Conyza ambigua]. Haridas, P *Planters Chron* 68 (6): 111-112. Mar 15, 1973

089708 21 R862
Some aspects of herbicide utilization in production units. (Rum) Cretu, I *Probl Agr (bucharest)* 25 (2): 55-56. Feb 1973

089709 S19.P7
Chemical control of weeds in maize & groundnut is more economical. Singh, M *Progr Farming* 9 (10): 13. June 1973

089710 SB13.P8
Tok E-25, an effective weedicide for vegetable crops. Singh, K *Punjab Hortic J* 12 (4): 255-256. Oct/Dec 1972

089711 SB950.A1P3
Chain scythe, a simple tool for controlling aquatic weeds in irrigation canals. Druijff, A H *PAns Pest Artic News Summ* 19 (2): 216-128. Ref. June 1973

089712 SB950.A1P3
Possible approaches to water hyacinth conrol. [Eichhornia crassipes]. Druijff, A H *PAns Pest Artic News Summ* 19 (2): 219-222. Ref. June 1973

089713 SB950.A1P3
Weed flora of Andhra Pradesh. [India]. Singh, D J C *PAns Pest Artic News Summ* 19 (2): 223-229. June 1973

089714 SB950.A1P3
Efficacy of terbutol in broomrape control & broadbean improvement. [Orobanche spp.]. Zahran, M K *PAns Pest Artic News Summ* 19 (2): 230-232. June 1973

089715 SB950.A1P3
Metribuzin, a herbicide with a wide spectrum of activity. Eue, L *PAns Pest Artic News Summ* 19 (2): 254-260. Ref. June 1973

089716 334.8 R11
Photolysis of 2,2-dichloropropionic acid in aqueous solution. [Dalapon]. Tanaka, F S *Radiat Res* 54 (3): 388-397. Ref. June 1973

089717 20.5 R59 SER. A
Reaction of potato varieties to some herbicides. (Pol) Blonski, Z *Rocz Nauk Roln Ser A Rosl* 98 (2): 61-83. Ref. Eng. Sum. 1973

089718 20.5 R59 SER. A
Influence of some herbicides on phosphorus fractions in top parts of oat seedlings. (Pol) Swietochowski, B *Rocz Nauk Roln Ser A Rosl* 98 (2): 9-15. Ref. Eng. Sum. 1973

089719 423.92 SO8
Biological control of weeds in South Africa. Neser, S *S Afr Dep Agr Tech Serv Entomol Mem* 28, 27 P. Ref. Jan 1973

089720 464.8 SB5
Effect of mixture of nitrogen & neburon on emerging winter wheat plants in glasshouse. [Herbicides]. (Cze) Mydlilova, E *Sb Uvti (Ustav Vedeckotech Inform) Ochrana Rostlin* 9 (1): 7-14. Eng. Sum. Feb 1973

089721 S13.S55
Effect of various procedures of soil tillage on weediness of fields. [Weed control]. (Rus) Lisunov, V V *Sib Vestn S-kh Nauk* 2: 1-5. Mar/Apr 1973

089722 SD57.A1S5
Use of herbicides in forestry. (Dan) Honore, S *Skoven* 2: 28-30. Feb 1973

089723 99.8 W143
Investigations for ascertaining most convenient time of application for herbicides basing upon Triazin respectively herbicide combinations with parts of Triazin for controlling plants impairing cultivations of pine on Kand (Ger) Schmidt, G *Sozialistische Forstwirtsch* 23 (4): 119-121. Eng. Sum. Apr 1973

089724 100 T31S (1)
Influence of plant growth stage & environmental factors on response of honey mesquite to herbicides. [Prosopis juliflora glandulosa]. Meyer, R E *Tex Agric Exp Stn Bull* 1127, 19 P. Ref. Dec 1972

089725 49 T445
Univited companion in intesive range management, Rumex control on pastures. (Ger) Arens, R *Tierzuchter* 25 (5): 205-206. May 5, 1973

089726 286.89 T552
Influence of herbicides on Burley tobacco leaf chemistry. Long, J W *Tobacco (new York)* 175 (14): 29-30, 32. Ref. July 6, 1973

089727 26 T754
Effect of Asulox & Asulox Actril D on yield & quality of two sugar-cane varieties. [Herbicides]. Goberdhan, L C *Trop Agr (st Augustine)* 50 (3): 249-252. July 1973

089728 SB197.A1T7
Some observations on ecology & control of woody weeds on mulga lands in north-western New South Wales. [Acacia aneura]. Moore, C W E *Trop Grasslands* 7 (1): 79-88. Ref. Mar 1973

089729 24 T839
Tests of chemical control of weeds in Tunisia: Results obtained on grain during 1969/1970 season. (Fre) Guillou, J P *Tunis Inst Rebois Doc Tech* 56, 40 P. Mar 1972

089730 A99.9 F7632U
Control of dwarf mistletoe in a heavily used ponderosa pine recreation forest: Grand Canyon, Arizona. [Arceuthobium vaginatum cryptopodium]. Lightle, P C *U S Forest Serv Res Pap Rm* 106, 22 P., Map. Ref. Apr 1973

089731 A99.9 F7637
Must Honduras pine be weeded frequently in Puerto Rico? Geary, T F *U S Forest Serv Res Pap TF* 16, 16 P. Ref. Nov 1972

089732 275.29 W27MI
Control of aquatic weeds. *Wash State Univ Ext Em* 3448,(Rev.), 7 P. Mar 1973

089733 275.29 W27MI
Weed control in cranberries. *Wash State Univ Ext Em* 3449, Rev., 3 P. Mar 1973

089734 275.29 W27MI
Weed control in berry & bush fruits (western Washington). *Wash State Univ Ext Em* 3450, Rev., 8 P. Mar 1973

089735 275.29 W27MI
Weed control in rangelands. *Wash State Univ Ext Em* 3452, Rev., 3 P. Mar 1973

089736 275.29 W27MI
Weed control in turfgrass. Benson, N R *Wash State Univ Ext Em* 3454, Rev., 3 P. Mar 1973

089737 275.29 W27MI
Weed control in vegetables – eastern Washington. *Wash State Univ Ext Em* 3455 (Rev), 12 P. Mar 1973

089738 275.29 W27MI
Weed control in grapes, eastern Washington. *Wash State Univ Ext Em* 3763, 3 P. Mar 1973

089739 275.29 W27MI
Weed control in tree fruits; eastern Washington. *Wash State Univ Ext Em* 3764, 9 P. Mar 1973

089740 275.29 W27MI
Weed control in ornamentals, western Washington. *Wash State Univ Ext Em* 3767, 3 P. Mar 1973

089741 275.29 W27MI
Weed control in Christmas trees. *Wash State Univ Ext Em* 3768, 2 P. Mar 1973

089742 275.29 W27MI
Weed control in forest lands. *Wash State Univ Ext Em* 3769, 12 P. Mar 1973

089743 275.29 W27MI
Weed control with soil fumigation. *Wash State Univ Ext Em* 3770, 2 P. Mar 1973

089744 79.8 W412
Effects of sodium chlorate on soil microorganisms, their respiration & their enzymic activity. (Fre) Karki, A B *Weed Res* 13 (2): 133-139. Ref. Eng. Sum. June 1973

089745 79.8 W412
Translocation & persistence of 2,4-D [2,4-dichlorophenoxyacetic acid] in Populus tremula L. Eliasson, L *Weed Res* 13 (2): 140-147. Ref. June 1973

089746 79.8 W412
Control of regeneration in roots of deep-rooted weed Chondrilla juncea L. Caso, O H *Weed Res* 13 (2): 148-157. Ref. June 1973

089747 79.8 W412
Detoxification of fluometuron by Citrus tissues. Menashe, J *Weed Res* 13 (2): 158-168. Ref. June 1973

089748 79.8 W412
Selective action of picloram in red maple & white ash. [Acer rubrum, Fraxinus americana]. Mitchell, B J F *Weed Res* 13 (2): 169-178. June 1973

089749 79.8 W412
Longevity of crop & weed seeds: survival after 20 years in soil. [Ranunculus repens, Chenopodium album, Rumex crispus]. Lewis, J *Weed Res* 13 (2): 179-191. Ref. June 1973

089750 79.8 W412
Distribution of Avena fatua L., Avena strigosa Schreb. And Agropyron repens (L.) Beauv. in barley crops in west of Scotland. Waterson, H A *Weed Res* 13 (2): 192-199. Ref. June 1973

089751 79.8 W412
Spatial growth of Sorghum halepense (L.) Pers. Horowitz, M *Weed Res* 13 (2): 200-208. Ref. June 1973

089752 79.8 W412
Ecology & control of blackberry (Rubus fruticosus L. Agg.). I. Rubus spp. as weeds in Victoria. Amor, R L *Weed Res* 13 (2): 218-223. Ref. June 1973

089753 79.8 W412
Response of a pasture to removal of docks (Rumex spp.) by treatment with asulam. Savory, B M *Weed Res* 13 (2): 224-230. June 1973

089754 79.8 W412
Changes in microbial populations in paraquat-treated soil. Camper, N D *Weed Res* 13 (2): 231-233. Ref. June 1973

089755 79.8 W412
Identification of beta-D-glucosides of ring-hydroxylated ureas in monuron-treated bean leaves. Lee, S S *Weed Res* 13 (2): 234-235. Jun 1973

089756 80 OV64
Further possibilities in using herbicides for vegetables. (Cze) Novakova, V *ZL (zahradnicke Listy)* 66 (2): 49-50. 1973

089757 80 OV64
Further possibilities of weed control in orchards. (Cze) Novakova, V *ZL (zahradnicke Listy)* 66 (3): 75-76. 1973

INSECTS PESTS AND CONTROLS — GENERAL AND MISCELLANEOUS PLANTS

089758 41.8 AC87
Comparison of Bacillus thuringiensis with other Bacillus species based on enzymoserological examinations of their proteolytic enzymes. [Bbiological control, insects]. Sandvik, O *Acta Vet Scand* 14 (1): 176-183. 1973

089759 381 AD93
Structure – activity correlations of acaricidal hydrazones – uncouplers of oxidative phosphorylation. Buchel, K H *Adv Chem Ser* 114: 141-154. Ref. 1972

089760 381 AD93
Hansch structure-activity approach as an aid in designing new biologically active chemicals. [Insecticides, herbicides]. Neely, W B *Adv Chem Ser* 114: 268-277. Ref. 1972

089761 79.9 AG8
Insecticide residues in crops. Stewart, D K R *Agric Pestic Tech Soc Proc* 19Th: 16-20. 1972

089762 79.9 AG8
Bioactivity of insecticides. Read, D C *Agric Pestic Tech Soc Proc* 19Th: 24-28. 1972

089763 22 AG823
Studies on consumption, digestion & utilisation of food plants by larvae of Euproctis fraterna M. (Lymantridae: Lepidoptera). Dale, D *Agric Res J Kerala* 9 (2): 68-71 Sept 1971 (Pub. Feb 1973)

089764 A31.3 AG893
A look at USDA's biological control of insect pests: 1888 to present. Sailer, R I *Agric Sci Rev* 10 (4): 15-27. Ref. 1972

089765 421 AN9
Cats as catchers of butterflies, an old cheerful symbolism of East Asia. (Ger) Brentjes, B *Anz Schadlingsk Pflanzenschutz* 46 (6): 81-82. June 1973

089766 421 AN9
Is Porcellio scaber Latr. a plant pest? (Ger) Herfs, A *Anz Schadlingsk Pflanzenschutz* 46 (6): 82-83. Eng. Sum. June 1973

089767 381 AS7
Color-specific reagnet for identification & semiquantitation of pyrethrins & piperonyl butoxide by thin layer chromatography. Olive, B M *Ass Offic Anal Chem J* 56 (4): 915-918. July 1973

089768 68.8 C112
Study of influence of several abiotic factors on activity & reproductive rhythm of a cacao tree noctuid, Earias biplaga (Wlk.). (Fre) Nguyen Ban, J *Cs/e Cacao The* 17 (1): 37-45. Eng. Sum. Jan/Mar 1973

089769 512 W263B
Ecological problems connected with pest population control by sterile male technique. [Insects]. (Pol) Leski, R *Ekol Pol Ser B* 18 (1): 44-52. Ref. Eng. Sum. 1972

089770 512 W263B
Chemosterilants & their application. [Insect pests, biological control]. (Pol) Byrdy, S *Ekol Pol Ser B* 18 (1): 53-61. Eng. Sum. 1972

089771 512 W263B
Methods of action of chemosterilants on insects. [Pests, biological control]. (Pol) Gwiazda, M *Ekol Pol Ser B* 18 (1): 62-66. Eng. Sum. 1972

089772 512 W263B
Insect sterilization by irradiation. [Pests, biological control]. (Pol) Glogowski, K *Ekol Pol Ser B* 18 (1): 67-77. Ref. Eng. Sum. 1972

089773 512 W263B
Toxity of chemosterilants. [Insect pests, biological control]. (Pol) Syrowatka, T *Ekol Pol Ser B* 18 (1): 78-87. Ref. Eng. Sum. 1972

089774 QH540.E3
Role of soil conditions in development of Agrotis exclamationis L. And A grotis ypsilon Rott. (Rus) Aliev, S V *Ekologiia* 6: 81-84. 1972

089775 275.29 K415E
Japanese beetle. [Popillia japonica, control]. Scheibner, R A *Ent Dep Entomol Univ Ky Coll Agric Coop Ext Serv* 5, 4 P. Aug 1972

089776 423.9 EN8
Bionomics & control of root feeding insect pests: grubs & billbugs. Tashiro, H *Entomol Soc Amer Bull* 19 (2): 92-94. Ref. June 1973

089777 SB931.A1E5
Synthesis & testing of some surface active agents. [Insecticides application]. El-Sebae, A H *Entomol Soc Egypt Bull Econ Ser* 6: 161-168. 1972

089778 SB931.A1E5
Effect of storage on bioinsecticide Thuricide 90TS Flowable. Altahtawy, M M *Entomol Soc Egypt Bull Econ Ser* 6: 43-46. 1972

089779 SB931.A1E5
Studies on local formulation of emulsifiable insecticides concentrates. El-Sebae, A H *Entomol Soc Egypt Bull Econ Ser* 6: 67-71. 1972

089780 SB931.A1E5
Studies on physico-chemical characteristics of locally formulated emulsifiable concentrates. [Insecticides]. El-Sebae, A H *Entomol Soc Egypt Bull Econ Ser* 6: 7-13. 1972

089781 105.8 G36E
Recent, environment protecting methods of pest control in agriculture & forestry. [Insect control]. (Ger) Schmutterer, H *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 58-66. 1972

089782 436.8 EX7
Rudolf William Galser, & Neoaplectana. [Popillia japonica, biological control]. Stoll, N R *Exp Parasitol* 33 (2): 189-196. Ref. Apr 1973

089783 436.8 EX7
Manipulation of environment to facilitate use of nematodes in biocontrol of insects. [Plant pests, biological control]. Webster, J M *Exp Parasitol* 33 (2): 197-206. Ref. Apr 1973

089784 436.8 EX7
Andocrine relationships between nematodes & their insect hosts: a review. [Pests, biological control]. Davey, K G *Exp Parasitol* 33 (2): 212-225. Apr 1973

089785 436.8 EX7
Potentialities of mermithid nematodes for biocontrol of blackflies (Diptera: Simuliidae): a review. Gordon, R *Exp Parasitol* 33 (2): 226-238. Ref. Apr 1973

089786 436.8 EX7
Tabulation & evaluation of recent field experiments using DD-136 strain of Neoaplectana carpocapsae Weiser: a review. [Insect pests, biological control]. Benham, G S *Exp Parasitol* 33 (2): 248-252. Ref. Apr 1973

089787 436.8 EX7
Hemocytic changes associated with encapsulation & melanization of some insect parasites. [Pests, biological control]. Nappi, A J *Exp Parasitol* 33 (2): 285-302. Ref. Apr 1973

089788 436.8 EX7
Identification of insect parasitic nematodes: a review. [Pests, biological control]. Nickle, W R *Exp Parasitol* 33 (2): 303-317. Ref. Apr 1973

089789 475 EX7
Effect of lindane on skin of albino rats. Dikshith, T S S *Experientia* 29 (6): 684-685. Ref. June 15, 1973

089790 24 SO842
Parasites help control potato tuber moth. [Phthorimaea operculella, Copidosoma uruguayensis, Apanteles subandinus]. Findlay, J B R *Farming S Afr* 48 (12): 2-3. Mar 1973

089791 24 SO842
Keep an eye on coffee leaf-miner in Natal. [South Africa, Leucoptera coffeina]. Keetch, D P *Farming S Afr* 48 (12): 30-31. Mar 1973

089792 QL633.M65F38
Preliminary results of studying effectiveness of action of birds on insect fauna of forest & gardens. (Rus) Litvak, M D *In Fauna Nazemnykh Pozvonochnykh Moldavii i Problemy ee Re Konstruktsii* P. 59-82. Ref. 1972

089793 SB453.F37 1973
Outwitting plant pests. Hunter, B T *In Faust, Joan Lee. The New York Times Garden Book* P. 58-60. 1973

089794 QL757.K48
Control of seasonal development in parasites of blow flies. III. Patterns of photoperiodic reaction in Aphaereta minuta Nees (Hymenoptera, Braconidae). (Rus) Zinov'eva, K B *In Khoziaino-parazitnye Otnosheniia u Nasekomykh* P. 100-111. Ref. Eng. Sum. 1972

089795 QL757.K48
Control of seasonal development in parasites of blow flies. IV. Patterns of photoperiodic reaction in Alysia manducator Panz. (Hymenoptera, Braconidae). (Rus) Vinogradova, E B *In Khoziaino-parazitnye Otnosheniia u Nasekomykh* P. 112-117. Ref. Eng. Sum. 1972

089796 QL757.K48
Effects of ecological conditions & host's physiological state on diapause induction in Perilissus lutescens Hlmgr. (Hymenoptera, Ichneumonidae) & in Meigenia bisignata Meig. (Diptera, Tachinidae) para (Rus) Zinov'eva, K B *In Khoziaino-parazitnye Otnosheniia u Nasekomykh* P. 118-127. Ref. Eng. Sum. 1972

089797 QL757.K48
Control of seasonal development in parasites of blow flies. I. Ecological control of pupal diapause in Sarcophagidae (Diptera). (Rus) Vinogradova, E B *In Khoziaino-parazitnye Otnosheniia u Nasekomykh* P. 77-89. Ref. Eng. Sum. 1972

089798 QL757.K48
Control of seasonal development in parasites of blow flies. II. Ecological control of winter adaptations in Calliphora vicina R. -D. (Diptera, Calliphoridae). (Rus) Zinov'eva, K B *In Khoziaino-parazitnye Otnosheniia u Nasekomykh* P. 90-99. Ref. Eng. Sum. 1972

089799 22 AG83I
Effect of some soil insecticides on germination, growth, dry weight, yield & quality of 'Menofi' cotton (Gosspium barbadense L.). Gawaad, A A A *Indian J Agr Sci* 42 (12): 1075-1083. Ref. Dec 1972

089800 SF481.I5
Effect of administration of dichlorodiphenyl trichloroethane (DDT) in broilers. Mullick, B P S *Indian J Poultry Sci* 7 (4): 24-28. Ref. Oct/Dec 1973

089801 464.8 IN3
Laboratory tests on effects of plant ecolysones on insects. [Insect control]. (Ita) Rota, P *Inform Fitopatol* 23 (1/2): 25-26. Jan/Feb 1973

089802 464.8 IN3
Tests on insecticidal effect of plant ecolysones. (Ita) Martelli, R *Inform Fitopatol* 23 (1/2): 27-32. Jan/Feb 1973

089803 464.8 IN3
Influence of insecticides on some soil pathogenic fungi. (Ita) Svampa, G *Inform Fitopatol* 23 (3): 21-24. Eng. Sum. Mar 1973

089804 381 J8223
A century of DDT. Metcalf, R L *J Agr Food Chem* 21 (4): 511-519. Ref. July-/Aug 1973

089805 381 J8223
Structure-activity correlations in DDT analogs. Fahmy, M A H *J Agr Food Chem* 21 (4): 585-591. Ref. July/Aug 1973

089806 381 J8223
Degradation of parathion in flooded acid soils. Sethunathan, N *J Agr Food Chem* 21 (4): 602-604. July/Aug 1973

089807 381 J8223
Miticidal activity of benzoyl chloride phenylhydrazones. Kaugars, G *J Agr Food Chem* 21 (4): 647-650. Ref. July-/Aug 1973

089808 421 J822
Computation of decrease or increase in filial generations following insecticidal treatment of Spodoptera littoralis. Hanna, M A *J Econ Entomol* 66 (3): 589-590. Ref. June 1973

089809 421 J822
Toxicity & anticholinesterase activity of halogenated organophosphates to Boettcherisca peregrina. Khoo, B K *J Econ Entomol* 66 (3): 595-604. Ref. June 1973

089810 421 J822
Overwintering of Chelonus blackburni in Arizona. [Insect pests, biological control]. Fye, R E *J Econ Entomol* 66 (3): 807-808. June 1973

089811 421 J826
Computer-based catalog ov viral diseases of insects: a FAMULUS application. [Pests, biological control]. Margignoni, M E *J Invertebrate Pathol* 22 (1): 100-107. July 1973

089812 421 J826
Effect of 3-methycholanthrene treatment on virulence of a nuclear polyhedrosis virus of Spodoptera frugiperda. [Biological control]. Reichelderfer, C F *J Invertebrate Pathol* 22 (1): 38-41. July U973

089813 SB951.A1J3
Development & alternation of acaricides in Japan. Ishii, K *Jap Pestic Inf* 15: 17-23. Apr 1973

089814 442.8 K84
Genetic methods of insect pest control. (Pol) Lipa, J J *Kosmos Ser A Biol* 22 (2): 117-133. Ref. 1973

089815 QL562.L4
Our insecticides. (Dan) Moller, N U *Lepidoptera* 11 (5): 143-148. May 1973

089816 421 M33
Gall of Biorhiza pallida 01.: Ulterior stages of development. (Fre) Rey, L *Marcellia* 37 (4): 193-218. Eng. Sum. Oct/-Dec 1971

089817 421 M33
Cecidian development & role of parasite in some arthropod galls. [Aphididae, Cecidomyiidae, mites]. (Fre) Rohfritsch, O *Marcellia* 37 (4): 233-239. Ref. Eng. Sum. Oct/Dec 1971

089818 16 M583
Useful criteria for limitation of adverse effects produced in a natural environment as a result of application of agricultural insecticides. (Ita) Antongiovanni, E *Milan Ist Ric Agr Contrib* 11: 43-46L rng. Sum. 1970/1971 (Pub. Dec. 1972)

089819 SB922.N4N42
Argentine ant. [Iridomyrmex humilis, insect pests]. *N S W Dep Agric Entomol Branch Insect Pest Bull* Ip46, 6-8. 1972

089820 421 P11
Establishment, spread & host range of Paropsis charybdis Stal (Chrysomelidae) in New Zealand. White, T C R *Pacific Insects* 15 (1): 59-66. Ref. May 20, 1973

089821 SB951.P47
Interactions of carotenoids with some organophosphorus insecticides. Seifert, J *Pestic Sci* 4 (3): 261-266. Ref. June 1973

089822 SB951.P47
Field susceptibility of cocoa mirid, Sahlbergella singularis Haglund (Heteroptera) to some new insecticides. [Cacao]. Eguagie, W E *Pestic Sci* 4 (3): 273-282. Ref. June 1973

089823 SB951.P47
Rapid semiquantitative estimation of benzene hexachloride by micro-t.l.c. [Organochlorine insecticides]. Viswes-wariah, K *Pestic Sci* 4 (3): 283-287. Ref. June 1973

089824 SB951.P47
Gas chromatographic method for residue analysis of soil exposed to fenazaflor. [Acaricides]. Whiteoak, R J *Pestic Sci* 4 (3): 319-325. June 1973

089825 TA5.I5
Effects of mechanical shock on chemistry of insects. [Tenebrio molitor, Periplaneta americana]. Newcombe, C L *Proc Annu Tech Meet Inst Environ Sci* 19Th: 218-222. 1973

089826 424.8 P954
Toxicity of carbamult to bees under laboratory conditions, & detection of this insecticide in intoxicated insects. (Pol) Mikolajczak, B *Pszczelnicze Zeszyty Nauk* 16: 197-206. Ref. Eng. Sum. Nov 1972

089827 SB950.A1P3
Termites as pests of tropical food crops. Sands, W A *PAns Pest Artic News Summ* 19 (2): 167-177. Ref. June 1973

089828 SB950.A1P3
Synthetic pyrethroids: their possible role in control of locusts & leafworms. [Schistocerca gregaria]. Reay, R C *PAns Pest Artic News Summ* 19 (2): 182-189. Ref. June 1973

089829 SB950.A1P3
Some observations on basic principles involved in ultra-low-volume spray applications. [Insecticides, fungicides]. Bals, E J *PAns Pest Artic News Summ* 19 (2): 193-200. June 1973

089830 SB950.A1P3
Conference of West African cocoa entomologists. Youdeowei, A *PAns Pest Artic News Summ* 19 (2): 251-253. June 1973

089831 100 M28MA
Effects of DDT on growth & reproduction in rat. Nickerson, S C *Res Life Sci* 20 (19), 6 P. Ref. May 1973

089832 423.92 SO8
Locust control and research in Southern Africa. Lea, A *S Afr Dep Agr Tech Serv Entomol Mem* 31, 14 P. Ref. Jan 1973

089833 80 SA15
Organization of protection of palmetto gardens from pests & diseases. (Rus) Tutevich, M T *Sadov Vinogradarstvo Vinodelie Moldavii* 4: 55-57. Apr 1973

089834 S13.S55
Theoretical bases in application of insecticidal aerosols for controlling insect pests. (Rus) Vukolov, A G *Sib Vestn S-kh Nauk* 2: 29-33. Ref. Mar/Apr 1973

089835 S13.S55
Selection of strains of Bacillus thuringiensis falleriae for production of Entobacterin. [Biological control, Falleria mellonella]. (Rus) Burtseva, L I *Sib Vestn S-kh Nauk* 2: 33-38. Mar/Apr 1973

089836 420 EG9
Biological studies on Danais chrysippus L. Lepidoptera: Danaidae. [Ipomoea bona-nox, Asclepias gigantea]. Swailem, S M *Soc Entomol Egypte Bull* 55: 211-218. 1971 (Pub. 1972)

089837 420 EG9
Seasonal occurrence of Aphis nerii Boyer in Giza region, (Egypt). Hemiptera-Homopteera: Aphididae. [Nerium oleander, Asclepias gigantea, Pomoea bonanox]. Ismail, I I *Soc Entomol Egypte Bull* 55: 231-238. 1971 (Pub. 1972)

089838 420 EG9
Nutritional value of certain crops on lesser cotton leaf worm, Spodoptera exigua Hbn. Lepidoptera: Noctuidae. Hassanein, M H *Soc Entomol Egypte Bull* 55: 41-48. 1971 (Pub. 1972)

089839 420 EG9
Biology of Autographa chalcites L. in Alexandria region. Lepidoptera: Noctuidae. Rashid, F F *Soc Entomol Egypte Bull* 55: 419-426. 1971 (Pub. 1972)

089840 420 EG9
Biology of Autographa gamma L. in Alexandria region. Lepidoptera: Noctuidae. Rashid, F F *Soc Entomol Egypte Bull* 55: 455-459. 1971 (Pub. 1972)

089841 442.8 SO12
Influence of some insecticides on Rhizobium meliloti. (Spa) Mendoza, C *Soc Ital Biol Sperim Boll* 70 (1/2): 163-173. Ref. Eng. Sum. 1972

089842 275.29 T313
Floratam, a new disease – resistant St. Augustinegrass. [Stenotaphrum secundatum]. *Tex Agr Mech Univ Ext L* 1146, 6 P. Apr 1973

089843 275.29 W27MI
Control of insect & mite pests of commercial vegetables. *Wash State Univ Ext Em* 3316 (Rev), 45 P. June 1973

089844 275.29 W27MI
Garden insect control without synthetics. *Wash State Univ Ext Em* 3757: 1-5. May 1973

089845 421 Z36
Genetics of dicofol resistance in Tetranychus urticae Koch (Acari: Tetranychidae). Overmeer, W P J *Z Angew Entomol* 73 (3): 225-230. Ref. June 1973

089846 384 Z325
Today's view on chemical insect control. (Ger) Jumar, A *Z Chem* 13 (5): 161-174. Ref. May 1973

089847 448.3 C33 (1)
Tetrachlorvinphos, & effective insecticide against ticks. (Ger) Radda, A *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig* 223 (3): 409-413. Eng. Sum. 1973

INSECT PESTS AND CONTROLS — FIELD CROPS

089848 22.5 N682
Ecology & control of Pentatomidae, insect pests of rice. (Jap) Kawasawa, T *Agric Hortic* 48 (5): 55-60. Ref. May 1973

089849 22 AG823
A granulosis virus of rice leaf roller, Cnaphalocrocis medinalis Guenee (Pyraustidae, Lepidoptera). Jacob, A *Agric Res J Kerala* 9 (2): 103. Sept 1971 (Pub. Feb 1973)

089850 442.8 AL6
Pathogenic activity of double infection by granulosis virus in larvae of turnip moth & by polyhedrosis virus in those of exclamator cutworm. [Agrotis segetum, Agrotis exclamationis, biological control]. (Rus) Musamukhamedova, E B *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 3: 18-20. 1973

089851 34.2 AN4
Whorl maggot Hydrellia spp. (Diptera: Ephydridae) as a serious pest of rice in Andhra Pradesh. Azam, K M *Andhra Agr J* 18 (3/4): 176. May/Aug 1971 (Pub. 1973)

089852 464.8 AR2
Studies on effect of (CCC) (2-chlorethyl) trimethylammonium chloride) on development & propagation of cereal aphid (macrosiphum (Sitobion) avenae (F.) on wheat plants. (Ger) Hinz, B *Arch Pflanzenschutz* 9 (1): 21-27. Eng. Sum. 1973

089853 442.8 AU72
Growth inhibitors from etiolated leaves of barley (Hordeum vulgare L.). Menhenett, R *Australian J Biol Sci* 26 (3): 527-537. Ref. June 1973

089854 23 AU792
Importance of timing of chlorfenvinphos & fenitrothion sprays for control of corbie & winter corbie in Tasmania. [Oncopera, pasture pests]. Hardy, R J *Australian J Exp Agr Anim Husb* 13 (61): 208-212. Apr 1973

089855 450 N85
Effect of 2,4-dichlorophenoxyacetic acid on soluble protein content of broadbeans. (Hun) Horvath, M *Bot Kozlemenyek* 59 (4): 259-260. 1972

089856 65.8 B73
Laboratory production of sugarcane borers (Diatraea species (Lepidoptera, Cambidae). (Por) Mendonca F, A F *Brasil Acucareiro* 81 (4): 47-60 ref. Eng. Sum. Apr 1973

089857 59.8 B872
Problem of biological control against Asiatic rice borer in Camargue. [Chilo suppressalis]. (Fre) Breniere, M *Bull Inform Riziculr France* 144: 20-21. Jan/Feb 1973

089858 100 C12S (1)
Spider mites & insects. [Soybeans, pests, Tetranychidae]. Carlson, E C *Calif Agr Exp Sta Bull* 862: 44-53. June 1973

089859 421 C16
Role of parasites in control of European corn borer, Ostrinia nubilalis (Lepidoptera: Pyralidae), in southwestern Ontario. [Lydella grisescens, Eriborus terebrans, Sympiesis virdula]. Wressell, H B *Can Entomol* 105 (4): 553-557. Apr 1973

089860 65.8 C41
A summary on insect pests of sugarcane. (Chi) Chang, T C *Che Pao (sugar Cane Bull)* 41 (6): 12-15. June 5 1973

089861 77.9 IN292
Attempts at biological control of rhinoceros beetle. [Coconuts, Xyloryetes jamaicensis]. Kurian, C *Coconut Bull* 3 (11): 2-4. Mar 1973

089862 444.8 C73
Free amino acids of haemolymph of cotton leaf-worm, Spodoptera littoralis boisduval larvae (Lepidoptera: Noctuidae). Boctor, I Z *Compar Biochem Physiol* 45 (4B): 785-790. Ref. Aug 15, 1973

089863 72.8 EM7
Effect of soil insecticides on cotton plants. Abdel-gawaad, A A *Cotton Growing Rev* 50 (2): 152-160. Ref. Apr 1973

089864 SB931.A1E5
Laboratory evaluation studies of initial & residual effect of various insecticides against Spodoptera littoralis larvai (1969) (Lepidoptera: Noctuidae). [Cotton pests]. Kamel, A A M *Entomol Soc Egypt Bull Econ Ser* 6: 1-5. 1972

089865 SB931.A1E5
Effect of petroleum fractions on cotton plants, soil structure and permeability. [Spodoptea littoralis, control]. El-Kifl, A H *Entomol Soc Egypt Bull Econ Ser* 6: 103-110. 1972

089866 SB931.A1E5
Field evaluation of new insecticides for control of some early season cotton insects in Upper Egypt. [Thrips tabaci, Aphis gossypii]. Khalil, F M *Entomol Soc Egypt Bull Econ Ser* 6: 111-116. 1972

089867 SB931.A1E5
Effect of petroleum fractions & two emulsifiers on full-grown larvae & pupae of Spodoptera littoralis (Boisd.) (Lepidoptera: Noctuidae). [Cotton pests]. Nasr, E A *Entomol Soc Egypt Bull Econ Ser* 6: 127-136. Ref. 1972

089868 SB931.A1E5
Field tests with insecticides for boll worms control in Upper Egypt. [Pectinophora gossypiella, Earias insulana, cotton pests]. Khalil, F M *Entomol Soc Egypt Bull Econ Ser* 6: 137-140. 1972

089869 SB931.A1E5
Field studies on control of cotton boll worms. [Pectinophora gossypiella, Earias insulana]. Khalil, F M *Entomol Soc Egypt Bull Econ Ser* 6: 141-144. 1972

089870 SB931.A1E5
Laboratory & field evaluation of insecticides for control of cotton leaf worm, Spodoptera littoralis (Boisd.) (Lepidoptera: Noctuidae). Khalil, F M *Entomol Soc Egypt Bull Econ Ser* 6: 149-156. 1972

089871 SB931.A1E5
Evaluation of ultra low volume application against cotton leafworm, Spodoptera littoralis (Boisd.) (Lepidoptera: Noctuidae). Madkour, A *Entomol Soc Egypt Bull Econ Ser* 6: 15-19. 1972

089872 SB931.A1E5
Comparative study of two toxicological test methods in laboratory on a population of two-spotted spider mite, Tetranychus arabicus Attiah (Acarina). [Cotton pests]. El-Gar, M R A *Entomol Soc Egypt Bull Econ Ser* 6: 157-160. 1972

089873 SB931.A1E5
Inducing resistance in two-spotted spider mite, Tetranychus arabicus Attiah with Metasystox R under field condition (Acarina). [Castorbean pests]. El-Ghar, M R A *Entomol Soc Egypt Bull Econ Ser* 6: 169-173. 1972

089874 SB931.A1E5
Interaction of chemical insecticides in susceptible & resistant strains of Spodoptera littoralis, (Boisd.) (Lepidoptera: Noctuidae). [Cotton pests]. Ali, A M *Entomol Soc Egypt Bull Econ Ser* 6: 175-180. Ref. 1972

089875 SB931.A1E5
Effectiveness of thimet & disyston as seed & soil treatments against Aphis gossypii glover infesting cotton plants (Hemiptera: Aphididae). El-Kady, E A *Entomol Soc Egypt Bull Econ Ser* 6: 181-186. 1972

089876 SB931.A1E5
Ground application of certain ULV concentrate with ultra-low-volume technique against cotton leaf worm, Spodoptera littoralis (Boisd.) & cotton bollworms, Pectinophora gossypiella Saund. And Ear Zeid, M *Entomol Soc Egypt Bull Econ Ser* 6: 187-194. 1972

089877 SB931.A1E5
Synergism of different insecticides against Spodoptera littoralis (Boisd.) (Lepidoptera: Noctuidae). [Cotton pests]. Zaazou, M H *Entomol Soc Egypt Bull Econ Ser* 6: 195-203. Ref. 1972

089878 SB931.A1E5
Field tests with some granular insecticides for control of Thrips tabaci Lind., on cotton seedlings (Thysanoptera). El-Borollosy, F M *Entomol Soc Egypt Bull Econ Ser* 6: 205-209. 1972

089879 SB931.A1E5
Susceptibility of Spodoptera littoralis, Tetranychus arabicus & Aphis gossypii to systemic action of insecticides. [Cotton pests]. Zeid, M M *Entomol Soc Egypt Bull Econ Ser* 6: 21-25. 1972

089880 SB931.A1E5
Effect of malathion & metaisosystox on corn aphid (Aphis maidis Fitsch.) & its predators. Kira, M T *Entomol Soc Egypt Bull Econ Ser* 6: 211-215. 1972

089881 SB931.A1E5
Effect of DDT, gusathion & lebaycid on corn pests & their predators. Kira, M T *Entomol Soc Egypt Bull Econ Ser* 6: 221-230. 1972

089882 SB931.A1E5
Compatibility of bioinsecticide Thuricide 90TS Flowable with insecticides used in chemical control of Spodoptera littoralis (Boisd.) (Lepidoptera: Noctuidae). [Cotton pests]. Altahtawy, M M *Entomol Soc Egypt Bull Econ Ser* 6: 239-245. Ref. 1972

089883 SB931.A1E5
Field tests to evaluate effect of certain insecticides against cotton leafworm, Spodoptera littoralis (Boisd.), in middle of Delta (Lepidoptera: Noctuidae). Shoeib, A M *Entomol Soc Egypt Bull Econ Ser* 6: 27-30. 1972

089884 SB931.A1E5
Effect of dipterex & cyolane on Spodoptera littoralis (Boisduval) larvae (Lepidoptera: Noctuidae). [Cotton pests]. Zeid, M M *Entomol Soc Egypt Bull Econ Ser* 6: 37-42. 1972

089885 SB931.A1E5
Residual effect of insecticides on cotton leaf worm, Spodoptera littoralis (Boisd.) (Lepidoptera: Noctuidae). Zeid, M M *Entomol Soc Egypt Bull Econ Ser* 6: 47-52. Ref. 1972

089886 SB931.A1E5
Effect of some newer insecticides against Thrips tabaci lind. Attacking cotton in Beni-Suef Province. Kamel, A A M *Entomol Soc Egypt Bull Econ Ser* 6: 53-55. 1972

089887 SB931.A1E5
Sensitivity to insecticides to full-grown larvae of pink bollworm, Pectinophora gossypiella Saunders, during diapause (Lepidoptera: Gelechiidae). [Cotton pests]. Bishara, S I *Entomol Soc Egypt Bull Econ Ser* 6: 57-66. Ref. 1972

089888 SB931.A1E5
Sterilant effect of certain antifeedants on moths of Spodoptera littoralis (Boisd.) (Lepidoptera:aNoctuidae). [Cotton pests]. Mitri, S H *Entomol Soc Egypt Bull Econ Ser* 6: 79-82. 1972

089889 SB931.A1E5
Effect of number of sprays on rate of bollworm infestation, cotton yield & fibre quality (Lepidoptera). [Pectinophora gossypiella, Earias insulana]. Nasr, E A *Entomol Soc Egypt Bull Econ Ser* 6: 93-102. 1972

089890 436.8 EX7
Development of a viral insecticide: concept to commercialization. [Biological control, Heliothis nucleopolyhedrosis virus]. Ignoffo, C M *Exp Parasitol* 33 (2): 380-406. Ref. Apr 1973

089891 475 EX7
Alarm pheromone of grain sphids. Wientjens, W H J M *Experientia* 29 (6): 658-660. June 15, 1973

089892 475 EX7
Relation between resistance to insecticides & chemical composition of fat in cotton leafworm larvae (Spodoptera littoralis Boisd.). Balba, M H *Experientia* 29 (6): 688. June 15, 1973

089893 22 F223
Studies on response of stem border to different fertiliser dosages in some high yielding paddy varieties. [Schoenobius]. Chatterjee, D K *Farm J (calcutta)* 14 (3): 18-20. Jan 1973

089894 S19.F63
Insectivorous birds control Plusia larvae infesting lucerne crop. Peswani, K M *Food Farming Agric* 5 (1): 14-15. July 1972

089895 QL461.G4
Notes on factors influencing observed leafhopper (Homoptera: Cicadellidae) population densities on corn. [Graminella nigrifrons, Macrosteles fascifrons]. Durant, J A *Ga Entomol Soc J* 8 (1): 1-5. Jan 1973

089896 QL461.G4
Gamma & microwave radiation to control rice weevil in wheat. [Sitophilus oryzae]. Kirkpatrick, R L *Ga Entomol Soc J* 8 (1): 51-55. Jan 1973

089897 QL461.G4
Evaluation of clearing & staining technique in sampling alfalfa weevil larvae for parasitoids. [Bathyplectes curculionis]. Miller, M C *Ga Entomol Soc J* 8 (2): 106-111. Apr 1973

089898 QL461.G4
Insecticide treatment to reduce loss in yield of sorghum caused by sorghum insects. Wiseman, B R *Ga Entomol Soc J* 8 (2): 123-126. Apr 1973

089899 10 G794B
Sugar beet pests. Jones, F G W *Great Brit Min Agr Fish Food Bull* 162, 113 P. Ref. 1972

089900 100 AL1H
Nozzle arrangement for cotton insect control. Dumas, W T *Highlights Agr Res (ala Sta)* 20 (2): 16. Summer 1973

089901 SB215.I5
Sugar beet pest & disease incidence & damage, & pesticide USAge; report of an I.I.R.B. [International Institute for Sugar Beet Research] enquiry. Dunning, R A *I I R B J (Int Inst Sugar Beet Res)* 6 (1): 19-34. 1972

089902 SB215.I5
Influence of cultural factors on incidence of aphids & yellows in beet. [Aphis fabae, Myzus persicae]. Heathcote, G D *I I R B J (Int Inst Sugar Beet Res)* 6 (1): 6-14. Ref. 1972

089903 22 AG83I
Persistence of disyston residues in soil & plant. [Atherigona varia-soccata, control, sorghum]. Singh, K *Indian J Agr Sci* 42 (12): 1135-1138. Dec 1972

089904 464.8 IN3
Future possibilities in integrated control of Sesamia nonagriodes (Lef.) harmful to maize. (Ita) Fiori, G *Inform Fitopatol* 23 (3): 9-12. Ref. Eng. Sum. Mar 1973

089905 QL461.I7
Flight behavior of Manduca moths as a factor in host plant site selection. [Manduca sexta, Manduca quinquemaculata]. Yamamoto, R T *Isr J Entomol* 7: 59-62. Ref. 1972

089906 381 J8223
Free amino acids of Pakistani wheat varieties. Elahi, M *J Agr Food Chem* 21 (4): 743-744. Ref. July/Aug 1973

089907 410 J828
Distribution of aphids in spring cereals. [Metopolophium dirhodum, Sitobion avenae]. Dean, G J W *J Appl Ecol* 10 (2): 447-462. Ref. Aug 1973

089908 421 J822
Busulfan: development of improved methods of sterilizing boll weevils. [Anthonomus grandis, biological control]. Haynes, J W *J Econ Entomol* 66 (3): 619-622. Ref. June 1973

089909 421 J822
Effects of synthetic juvenile hormone analogues on certain injurious & beneficial arthropods associated with cotton. Bull, D L *J Econ Entomol* 66 (3): 623-626. June 1973

089910 421 J822
Cotton pests: overwintering of three lepidopterous species in Arizona. [Heliothis zea, Heliothis virescens, Spodoptera exigua]. Fye, R E *J Econ Entomol* 66 (3): 637-659. Ref. June 1973

089911 421 J822
Diapause of sorghum midge, & location within sorghum spikelet. [contarinia sorghicola]. Wiseman, B R *J Econ Entomol* 66 (3): 647-649. June 1973

089912 421 J822
Biological synopsis of green cloverworm in central Iowa. [Plathypena scabra]. Pedigo, L P *J Econ Entomol* 66 (3): 665-673. Map. Ref. June 1973

089913 421 J822
Behavior of the boll weevil on frego bract cotton. [Anthonomus grandis]. Mitchell, H C *J Econ Entomol* 66 (3): 677-680. June 1973

089914 421 J822
Pink bollworm: chromosomal damage & reproduction after gamma irradiation of larvae. [Pectinophora gossipiella, biological control]. Bartlett, A C *J Econ Entomol* 66 (3): 731-733. June 1973

089915 421 J822
Suppression of armyworm damage to no-tillage corn with granular carbofuran. [Pseudaletia unipuncta]. Musick, G J *J Econ Entomol* 66 (3): 735-737. June 1973

089916 421 J822
Reduced capture of tobacco budworm & corn earworm males in electric grid traps baited simultaneously with virgin females of both species. [Heliothis virescens, heliothis zea]. Haile, D G *J Econ Entomol* 66 (3): 739-740. June 1973

089917 421 J822
Phyllophaga crinita: damage assessment & control in grain sorghum & wheat. Teetes, G L *J Econ Entomol* 66 (3): 773-776. June 1973

089918 421 J822
Aerial photography: use in detecting simulated insect defoliation in corn. Chiang, H C *J Econ Entomol* 66 (3): 779-784. June 1973

089919 421 J822
Boll weevils fail to develop resistance to malathion after several years of heavy exposure in Texas high plains. [Anthonomus grandis]. Bottrell, D G *J Econ Entomol* 66 (3): 791-792. June 1973

089920 421 J822
Reaction of selected rice lines to stalk borers. [Chilo plejadellus, diatraea saccharalis]. Oliver, B F *J Econ Entomol* 66 (3): 794-796. June 1973

089921 421 J822
Chemosterilants against boll weevil. 4. Miscellaneous compounds. [Anthonomus grandis, cotton pests]. Oliver, J E *J Econ Entomol* 66 (3): 796-798. June 1973

089922 421 J822
Sugarcane borer control on sugarcane in Lower Rio Grande Valley of Texas with aerially applied chemicals. [Diatraea saccharalis]. Fuchs, T W *J Econ Entomol* 66 (3): 802-803. June 1973

089923 421 J822
Sperm utilization in female red cotton bug. [Dysdercus koenigii, biological control]. Harwalkar, M R *J Econ Entomol* 66 (3): 805-806. June 1973

089924 421 J822
Boll weevils: a technique for measuring production of pheromone & competitiveness of 32P [phosphorus] tagged adults in field. [Anthonomus grandis]. McGovern, W L *J Econ Entomol* 66 (3): 809-810. June 1973

089925 421 J822
Wireworm damage to polyethylene tubing used in a drip irrigation system. [Conoderus exsul, sugarcane pests]. Ota, A K *J Econ Entomol* 66 (3): 824-825. June 1973

089926 442.8 AM3
Locating major genes for resistance to corn earworm in maize inbreds. [Heliothis zea]. Widstrom, N W *J Hered* 64 (2): 83-86. Ref. Mar/apr 1973

089927 421 J825
Temperature & photoperiodic regulation of diapause of southwestern corn borer, Diatraea grandiosella. Chippendale, G M *J Insect Physiol* 19 (7): 1397-1408. Ref. July 1973

089928 421 J826
Effects of continous exposure to low concentrations of delta-endotoxin of Bacillus thuringiensis on development of tobacco budworm, Heliothis virescens. Dulmage, H T *J Invertebrate Pathol* 22 (1): 14-22. Ref. July 1973

089929 421 J826
Morphology & differential counts of hemocytes of healthy & wound tumor virus-infected Agallia constricta. [Crimson clover, pests]. Granados, R R *J Invertebrate Pathol* 22 (1): 60-69. Ref. July 1973

089930 107.6 K832
On egg populations of smaller brown planthopper in wheat & barley. [Laodelphax striatellus]. (Jap) Koyama, T *Konosu Cent Agr Exp Sta J* 17: 123-133. Eng. Sum. Mar 1973

089931 11 L2322
Rape & its insect pest problems. (Dan) Thygesen, T *Landbonyt* 27 (5): 269-277. May 1973

089932 79.8 L91
Tests in control of Haplodiplosis equestris in grain. (Ita) Passarini, I *Lotta Antiparassitaria* 25 (3): 10-11. Mar 1973

089933 22 M262
Life-history & control of Hydrellia sasakii Yuasa & Isitani (Diptera: Ephydridae) a new pest of rice crop in Tamil Nadu. Velayutham, B *Madras Agr J* 60 (3): 210-213. Mar 1973

089934 421 M97
Lepidopterous stem borers in different rice growing areas. Bess, H A *Mushi* 46 (6): 65-80. Sept 30, 1972

089935 421 M97
Parasites of Sesamia inferens Walker at sugarcane field in Kagoshima Pref., Japan (Lepidoptera, Noctuidae). [Natural control, Ichneumonidae]. Nagatomi, A *Mushi* 46 (7): 81-106. Ref. Sept 30, 1972

089936 22.5 N684
Carbohydrate contents & oxygen consumption in hibernating larvae of rice stem-borer, Chilo suppressalis Walker. (Jap) Tsumuki, H *Nogaku Kenkyu* 55 (1): 31-40. Ref. Mar 1973

089937 77.8 OL2
Pests & diseases of oil & coconut palm: Parasa. (Fre) Mariau, D *Oleagineux* 28 (3): 129-131. Mar 1973

089938 77.8 OL2
Trials of chemical control of Aceria guerreronis (Keifer). [Coconuts]. (Fre) Mariau, D *Oleagineux* 28 (3): 133-135. Eng. Sum. Mar 1973

089939 464.8 P21
Assessment of larval saddle gall midge populations (Haplodiplosis marginata vonRoser Haplodiplosis equestris Wagner, Deptera, Cecidomyiidae) in main wheat areas of southern Belgium in 1970-1971. (Fre) Latteur, G *Parasitica* 28 (1): 16-24. Eng. Sum. 1972

089940 464.8 P21
Lucerne mosaic virus transmission by Myzus persicae inhibited by oil. (Fre) Vanderveken, J *Parasitica* 28 (2): 39-45. Ref. Eng. Sum. 1973

089941 1.9 P69P
Viral disease of some warm weather pulse crops in India. [Legumes, Bemisia tabaci, Paecilomyces farinosus]. Nene, Y L *Plant Dis Rep* 57 (5): 463-467. May 1973

089942 1.9 P69P
Comparative transmission of maize dwarf mosaic virus by Aphis fabae, Aphis gossypii, & Schizaphis graminum. Shaunak, K K *Plant Dis Rep* 59 (6): 533-536. Jun 1973

089943 19.5 P752
A study of (noxiousness) of Sitobion avenae (Fabr.) on wheat. (Cze) Baran, M *Pol'nohospodarstvo* 19 (2): 132-131. Ref. Eng. Sum. 1973

089944 S19.P7
Save sugarcane crop from Pyrilla. Chahal, B S *Progr Farming* 9 (10): 21. June 1973

089945 65.8 SO8
Some impressions of cane pest problems in Australia, mauritius & madagascar. [Insects]. Carnegie, A J M *S Afr Sugar J* 57 (3): 121, 123, 125. Mar 1973

089946 464.8 SB5
Effectiveness of various seed disinfectants & their combinations on pelleted monogerm sugar beet seed. [Fungicides, insecticides]. (Cze) Smrz, J *Sb Uvti (Ustav Vedeckotech Inform) Ochrana Rostlin* 9 (1): 15-21. Ref. Eng. Sum. Feb 1973

089947 464.8 SB5
Hibernation of tarnished plant bug Lygus rugulipennis Popp. & its seasonal occurrence of field crops. (Cze) Sedivy, J *Sb Uvti (Ustav Vedeckotech Inform) Ochrana Rostlin* 9 (1): 61-66. Ref. Eng. Sum. Feb 1973

089948 420 EG9
Status of pink boll worm in Gezira, Sudan, with special reference to variety of cotton & sowing date. Lepidoptera: Gelechiidae. [Pectinophora gossypiella]. Khalifa, A *Soc Entomol Egypte Bull* 55: 105-123. Map. Ref. 1971 (Pub. 1972)

089949 420 EG9
Biological & ecological studies on Bruchidius incarnatus Boh. Coleoptera: Bruchidae. [Broadbeans]. El-Kifl, A H *Soc Entomol Egypte Bull* 55: 141-162. 1971 (Pub. 1972)

089950 420 EG9
Studies on Aphis gossypii & Aphis craccivora in cotton fields of Upper-Egypt. Hemiptera: Aphididae. Hassanein, M H *Soc Entomol Egypte Bull* 55: 163-169. 1971 (Pub. 1972)

089951 420 EG9
Life-history of anthocorid predator. Blaptostethus piceus Fieber var. Pallescens Poppius. Hemiptera: Anthocoridae. [Corn]. Tawfik, M F S *Soc Entomol Egypte Bull* 55: 239-252. 1971 (Pub. 1972)

089952 420 EG9
Seasonal population fluctuations of Thrips tapaci Lind. on cotton seedlings in Egypt. Thysanoptera. Hosny, M M *Soc Entomol Egypte Bull* 55: 253-258. 1971 (Pub. 1972)

089953 420 EG9
Infestation of cotton plant by spiny bollworm, Earias insulana Boisd. Lepidoptera: Arctiidae. Abul-Nasr, S *Soc Entomol Egypte Bull* 55: 339-354. 1971 (Pub. 1972)

089954 420 EG9
Susceptibility of certain cotton varieties to Aphis gossybii infestation & effect of these varieties on biology of insect. Hemiptera-Homoptera: Aphididae. Hassanein, M H *Soc Entomol Egypte Bull* 55: 355-361. 1971 (Pub. 1972)

089955 420 EG9
Effect of planting date & different cycles of sugar-cane on infestation of stalk borer, Sesamia cretica Led., in Egypt. Lepidoptera: Agrotidae Zenobiinae. Hassanein, M H *Soc Entomol Egypte Bull* 55: 403-408. 1971 (Pub. 1972)

089956 420 EG9
Susceptibility of certain sugar-cane plant varieties to borers infestation in Egypt. [Sesamia cretica, Chilo agamemnon]. Hassanein, M H *Soc Entomol Egypte Bull* 55: 427-439. 1971 (Pub. 1972)

089957 420 EG9
Infestation of maize ears by spiny bollworm, Earias insulana Boisd. Lepidoptera: Agrotidae-Acontiinae. Abul-Nasr, S *Soc Entomol Egypte Bull* 55: 447-454. 1971 (Pub. 1972)

089958 420 EG9
Effect of kind of food on life cycle of lesser cotton leaf worm, Spodoptera exigua Hbn. Lepidoptera: Noctuidae. Hassanein, M H *Soc Entomol Egypte Bull* 55: 91-94. 1971 (Pub. 1972)

089959 56.9 T313
Investigations of chemicals for control of cotton insects in Texas, 1972. *Tex Agr Exp Sta Dep Agr Econ Sociol Dep Tech Rep* 20, 31 P. Apr 1973

089960 56.9 T313
Field tests with Bacillus thuringiensis HD-1 & chemical insecticides for control of tobacco budworm & bollworm at Brownsville, Texas, 1972. [Heliothis virescens, Hel McGarr, R L *Tex Agr Exp Sta Dep Agr Econ Sociol Dep Tech Rep* 20: 13-17. Apr 1973

089961 56.9 T313
Organophosphate insecticide resistance levels in tobacco budworm & bollworm populations in Texas. [Heliothis virescens, Anthonomus grandis]. Nemec, S J *Tex Agr Exp Sta Dep Agr Econ Sociol Dep Tech Rep* 20: 18-25. Apr 1973

089962 56.9 T313
Effectiveness of experimental insecticides against tobacco budworm, boll weevil, fall armyworm, & tworspotted spider mite. [Heliothis virescens, Anthonomus grandis Cantu, E *Tex Agr Exp Sta Dep Agr Econ Sociol Dep Tech Rep* 20: 26-31. Apr 1973

089963 56.9 T313
Field performance of promising insecticides for Heliothis attacking cotton. Hanna, R L *Tex Agr Exp Sta Dep Agr Econ Sociol Dep Tech Rep* 20: 5-8. Apr 1973

089964 56.9 T313
Chemicals evaluated in field tests against cotton insects. [Heliothis, Tetranychus cinnabarinus Anthonomus grandis]. Cowan, C B *Tex Agr Exp Sta Dep Agr Econ Sociol Dep Tech Rep* 20: 9-12. Apr 1973

089965 11 T439
Control of white grubs (Melolontha melolontha) by insecticide treatment in flight year. (Dan) Thygesen, T *Tidsskr Planteavl* 77 (2): 284-288. Eng. Sum. 1973

089966 HD9130.1.T6
Greenhouse studies on insecticidal control of dark-sided cutworm on tobacco seedlings. [Euxoa messoria]. Cheng, H H *Tob Sci* 16: 75-77. Ref. 1972

089967 286.89 T552
Early season control of several foliage-feeding tobacco insects. [Epitrix hirtipennis, Frankliniella fusca, Myzus persicae]. Dominick, C B *Tobacco (new York)* 175 (12): 41-42. June 8, 1973

089968 286.89 T552
Experiments on interval between treatment for control of wireworms & transplanting flue-cured tobacco. [Conoderus]. Allen, N *Tobacco (new York)* 175 (13): 79-81. Ref. June 22, 1973

089969 286.89 T552
Seasonal control of insects on Burley tobacco with soil-applied insecticides. 1. Tobacco flea beetles. Jones, G A *Tobacco (new York)* 175 (15): 105-107. July 20, 1973

089970 286.89 T552
Methomyl, monocrotophos, & other insecticides, for control of tobacco budworm on flue-cured tobacco. Mistric, W J *Tobacco (new York)* 175 (15): 109-111. Ref. July 20, 1973

089971 464.9 C433
Studies on artificial diets & laboratory rearing methods suitable for successive generations of rice stem borer. Chilo suppressalis Walker. [Biological control]. (Jap) Kamano, S *Tokyo Nat Inst Agr Sci Bull Ser C (Plant Pathol Entomol)* 27: 1-51. Ref. Eng. Sum. Mar 1973

089972 SB197.A1T7
Termites in mulga lands. [Acacia aneura, Australia]. Watson, J A L *Trop Grasslands* 7 (1): 121-126. Mar 1973

089973 281.8 W892
Chlorinated, phosphatic & carbamate insecticides in control of African rice stemborers. Morgan, H G *World Crops* 25 (3): 136-138. Map. Ref. May/June 1973

089974 421 Z36
New investigations on oviposition, economic level of damage, & control of wheat blossom midges (Diptera; Cecidomyiidae). (Ger) Basedow, T *Z Angew Entomol* 73 (3): 238-251. Ref. Eng. Sum. June 1973

089975 421 Z36
Studies on Thrips tabaci Lindman. X. Mechanism of resistance to Thrips tabaci L. in cotton varieties. Abdel-Gawaad, A A W *Z Angew Entomol* 73 (3): 251-255. Ref. June 1973

089976 65.8 Z82
Field trials with sugar beet seed treated with various insecticide seed dressings. (Ger) Schaufele, W R *Zucker* 26 (6): 308-314. Map. Eng. Sum. June 1973

INSECT PESTS AND CONTROLS — HORTICULTURAL CROPS

089977 434.8 AC8
Study on grass spider as a predator to Hyphantria cunea Drury: experiment on effectiveness as a predator of Agelena opulenta L. Koch. [Morus]. Kayashima, I *Acta Arachnologica* 24 (2): 60-72. Ref. Dec 25, 1972

089978 420 C33
Effects of Aretit, a herbicide & insecticide & compound, on pea aphid, Acyrthosiphon pisum, & associated parasites. Stary, P *Acta Entomol Bohemoslov* 70 (3): 168-173. 1973

089979 420 C33
Penetration, excretion & metabolism of DDT-14C in susceptible & resistant populations of Colorado potato beetle. Leptinotarsa decemlineata Say. Hanker, I *Acta Entomol Bohemoslov* 70 (3): 174-188. Ref. 1973

089980 420 C33
Longevity of gamma-irradiated adults of Piophila casei (Diptera, Piophilidae). [Pest control, products]. Zuska, J *Acta Entomol Bohemoslov* 70 (3): 189-195. Ref. 1973

089981 420 C33
Symmetrischema capsicivorum sp. n. (Lepidoptera, Gelechiidae), a new insect pest of red pepper from Neotropical Region. Povolny, D *Acta Entomol Bohemoslov* 70 (3): 209-213. 1973

089982 79.9 AG8
Population dynamics of some orchard insects. MacPhee, A W *Agric Pestic Tech Soc Proc* 19Th: 1-2. 1972

089983 79.9 AG8
Extension problems encountered with integrated control programs. [Orchard pests]. Horsburgh, R L *Agric Pestic Tech Soc Proc* 19Th: 14-15. 1972

089984 79.9 AG8
Natural control of orchard mites. Herbert, H J *Agric Pestic Tech Soc Proc* 19Th: 3-6. 1972

089985 79.9 AG8
Control of apple maggot in an integrated spray program. [Rhagoletis pomonella]. Neilson, W T A *Agric Pestic Tech Soc Proc* 19Th: 7-8. 1972

089986 79.9 AG8
Investigation & use of selective insecticides in orchard pest management. Sanford, K H *Agric Pestic Tech Soc Proc* 19Th: 9-13. 1972

089987 22 AG823
Optimum superparasitism for mass breeding of Trichospilus pupifora F. [Coconut pests, nephantis serinopa, biolog ical control]. Kabeerathumma, S *Agric Res J Kerala* 9 (2): 101-102. Sept 1971 (Pub. Feb 1973)

089988 22 AG823
Biology of Contheyla rotunda Hampson, a pest of coconut. Pillai, K S *Agric Res J Kerala* 9 (2): 98-100. Sept 1971 (Pub. Feb 1973)

089989 11 AL8K
Colorado scale beetle. [Leptinotarsa decemlineata, potatoes]. (Swe) Borg, A *Alvsborgs Lans Sodra Hushallningssallsk Tidskr* 4: 10-11. June 1973

089990 81 SO12
Lacewing larvae control aphids on greenhouse snapdragons. [Antirrhinum majus, Myzus persicae, Biological control, Chrysopa carnea). Harbaugh, B K *Amer Soc Hort Sci J* 98 (3): 306-309. May 1973

089991 464.8 AR2
Effect of different times & levels of leaf loss on yield of Swedish turnips. [Insect pests]. (Ger) Daebeler, F *Arch Pflanzenschutz* 9 (1): 29-35. Eng. Sum. 1973

089992 100 AR42F
Pathogen mixtures to control insect pests. [Bacillus thuringiensis, polyhedrosis virus, Trichoplusia ni, biological control]. Chancey, G *Ark Farm Res* 22 (3): 9. May/June 1973

089993 410 B52
Feeding & food requirements of cabbage maggot, Hylemya brassicae. (Dut) Dambre-Raes, H *Biol Jaarb* 40: 69-72. 1972

089994 464.8 B542
Study on influence of sucking insects on early defoliation of hazelnut trees. [Corylus]. (Tur) Ural, I *Bitki Koruma Bulteni* 12 (4): 224-227. Eng. Sum. Dec 1972

089995 SB950.A1B6
Tests in Ceratitis capitata Wied. control. (Spa) Moreno Vazquez, R *Bol Inf Plagas* 100: 13-15. Dec 1972

089996 SB950.A1B6
Tests against Prays citri in lemon tree, var. 'berna'. (Spa) Moreno Vazquez, R *Bol Inf Plagas* 100: 9-11. Dec 1972

089997 14 P215BC
Influence of nature of grape rootstock multiplication of red spider: Panonychus ulmi Koch (Acariae: Tetranychidae), at cost of same stock, red Merlot. (Fre) Carles, J P *C R Seances Acad Agric Fr* 58 (17): 1403-1417. 1972

089998 80 C125
Scarring & silvering on Central Valley navels. [Oranges, Scirtothrips citro]. Elmer, H S *Calif Citrogr* 58 (9): 335-338. July 1973

089999 421 C16
Effects of an insect growth regulator with high juvenile hormone activity on apterous form of potato aphid, Macrosiphum euphorbiae (Hemiptera: Aphididae). Benskin, J *Can Entomol* 105 (4): 619-622. Ref. Apr 1973

090000 389.9 D832
Navel orangeworms & almonds. [Paramyelois transitella, control, California]. Curtis, C E *Dried Fruit Indus Res Adv Comm Proc* 11Th: 15-24. 1972

090001 389.9 D832
Effect of pre-harvest ethephon application on figs. Obenauf, G *Dried Fruit Indus Res Adv Comm Proc* 11Th: 30-36. 1972

090002 27ɔ.29 K415E
1972 Control recommendations for insects on commercial vegetable crops in field & greenhouse; 1972 suggestions for insecticide us Gregory, W W *Ent Dep Entomol Univ Ky Coll Agric Coop Ext Serv* 2, 48 P. May 1972

090003 275.29 K415E
Controlling sod webworms. [Crambidae]. Scheibner, R A *Ent Dep Entomol Univ Ky Coll Agric Coop Ext Serv* 7, 4 P. Oct 1972

090004 QL461.E58
Staphilinidae (Coleoptera) from larval gallery of Hyle yma brassicae & Hylemya floralis, on radishes. 156. Study of Palearctic Staphylinidae. (Ger) Scheerpeltz, O *Entomol Gesell Basel* New Ser. 23 (1): 22-24. Ref. Mar 1973

090005 423.9 EN8
Bionomics & control of lawn chinch bugs. [Blissus insularis, [Stenotaphrum secundatum, Blissus leucopterus hirtus]. Reinert, J A *Entomol Soc Amer Bull* 19 (2): 91-92. Ref. June 1973

090006 423.9 EN8
Bionomics & control of sod webworms. Heinrichs, E A *Entomol Soc Amer Bull* 19 (2): 94-95. Ref. June 1973

090007 24 SO842
Fruit-eating & chafer beetles. Donaldson, J M I *Farming S Afr* 48 (12): 23, 25. Mar 1973

090008 80 W41
Control of root mealybugs on foliage plants. [Rhizoecus americanus]. Poe, S *Florists' Rev* 152 (3942): 21-22. June 21, 1973

090009 SB403.F5
How to garden without pesticides. Shurtleff, M C *Flower & Gard North Ed* 17 (7): 22-24. July 1973

090010 80 F948
Integrated pest control in apple orchards: Promoting beneficial fauna to aid chemical control of pome fruit pests. Walters, P J *Fruit World Market Grower* 74 (3): 16. Mar 1973

090011 QL461.G4
Control of Rhizoecus americanus (Homoptera: Pseudococcidae on ornamental plants. Poe, S L *Ga Entomol Soc J* 8 (1): 20-26. Jan 1973

090012 QL461.G4
Control of cabbage looper, Trichoplusia ni, & of two associated caterpillar species on cabbage with Bacillus thuringiensis & chemical insecticides. [Pieris rapae, plutella xylostella]. Creighton, C S *Ga Entomol Soc J* 8 (2): 131-136. Ref. Apr 1973

090013 QL461.G4
Effects of reflective aluminum foils & polyethylene films on two insect pests of summer squash. [Diaphania nitidalis, Melittia cucurbitae]. Dupree, M *Ga Entomol Soc J* 8 (2): 146-148. Apr 1973

090014 QL461.G4
Control of peony scale, Pseudaonidia paeoniae, & a wax scale, Ceroplastes cerifer us, with granular, systemic insecticides on Camellia japonica. Nash, R F *Ga Entomol Soc J* 8 (2): 149-151. Apr 1973

090015 QL461.G4
Response of instars of corn earworm Heliothis zea (Lepidoptera: Noctuidae), to two susceptible sweet corn hybrids. Wiseman, B R *Ga Entomol Soc J* 8 (2): 79-82. Apr 1973

090016 10 G79LA
Pea moth. [Laspeyresia nigricana]. *Great Brit Min Agr Fish Food Adv Leafl* 339, Rev., 3 P. 1973

090017 10 G79LA
Strawberry mite. [Tarsonemus pallidus]. *Great Brit Min Agr Fish Food Adv Leafl* 584, 4 P. 1972

090018 S544.3.H3H3
Some mite problems of flower plants in Hawaii. [Acarina]. Haramoto, F H *Hawaii Univ Ext Misc Publ* 105: 3-7. May 1973

090019 100 C12H
Predation by Amblyseius potentillae (Garman) on Panonychus ulmi (Koch) in simple ecosystems (Acarina: Phytoseiidae, Tetran McMurtry, J A *Hilgardia* 42 (2): 17-33. Ref. May 1973

090020 SB215.I5
Influence of pesticides on crop fauna occurring above ground. [Brassica crops]. Dempster, J P *I I R B J (Int Inst Sugar Beet Res)* 6 (1): 1-5. 1972

090021 81 ID12
Status & potential of nonchemical control of codling moth. [Laspeyresia pomonella, apples]. Moffitt, H R *Idaho State Hort Soc Trans* 78: 36-40. 1973?

090022 81 ID12
New products, use of pheromone traps & timing of spray application. [Apples, pears, biological pest control]. Dahmen, G *Idaho State Hort Soc Trans* 78: 48-49. 1973?

090023 SB453.F37 1973
Balanced pest control. [Gardens]. Westcott, C *In Faust, Joan Lee. The New York Times Garden Book* P. 54-57. 1973

090024 80 IN32
Integrated control in fruit culture. [Pests, insecticedes, fungicides]. (Ita) *Inf Ortoflorofruttic* 4 (5/6): 3-5. Mar 15/31, 1973

090025 410 J828
Population dynamics of cabbage root fly in Canada & England. [Erioischia brassicae]. Benson, J F *J Appl Ecol* 10 (2): 437-446. Ref. Aug 1973

090026 421 J822
Ethyl chrysanthemumate as an attractant for coconut rhinoceros beetle. [Oryctes rhinoceros, control]. Maddison, P A *J Econ Entomol* 66 (3): 591-592. June 1973

090027 421 J822
Activity of a juvenile hormone analogue on a parasitoid, Apanteles rubecula, via its host, Pietis rapae. [Biological control]. Wilkinson, J D *J Econ Entomol* 66 (3): 643-645. June 1973

090028 421 J822
Reproduction of melon fly: mating activity & mating compatability of flies treated to function in sterile-release programs. [Dacus cucurbitae, biological control]. Schroeder, W J *J Econ Entomol* 66 (3): 661-663. June 1973

090029 421 J822
Pecan weevil: suppression of larvae with fungi Metarrhizium anisopliae & Beauveria bassiana & nematode Neoaplectana dutkyi. [Curculio caryae, biological control]. Tedders, W L *J Econ Entomol* 66 (3): 723-725. Ref. June 1973

090030 421 J822
Cowpea curculio: control in southern Georgia. [Chalcodermus aeneus]. Chalfant, R B *J Econ Entomol* 66 (3): 727-729. June 1973

090031 421 J822
Southern potato wireworms: light-trap catches of adults in an isolated agricultural area. [Conoderus falli]. Day, A *J Econ Entomol* 66 (3): 757-760. June 1973

090032 421 J822
A yellow-eyed mutant of melon fly. [Dacus cucurbitae]. Kobayashi, R M *J Econ Entomol* 66 (3): 792-793. June 1973

090033 421 J822
Sex attractiveness of adult female elder shoot borers used as lures in traps. [Achatodes zeae, elderberries pests]. Buriff, C R *J Econ Entomol* 66 (3): 814. June 1973

090034 421 J822
Garden symphylan: comparison of row & broadcast application of granular insecticides for control. [Scutigerella immaculata]. Gessell, S G *J Econ Entomol* 66 (3): 822-823. June 1973

090035 421 J822
Toxicity of acephate & diazinon to harlequin bugs on cabbage. [Murgantia histrionica]. Rogers, C E *J Econ Entomol* 66 (3): 827-828. June 1973

090036 421 J826
Studies on Rabdionvirus oryctes. II. Effect on adults of Oryctes rhinoceros. [Coconut pests, biological control]. Zelazny, B *J Invertebrate Pathol* 22 (1): 122-126. July 1973

090037 421 J826
Self-digestion of gut epithelium: a possible explanation for mode of action of endotoxin of Bacillus thurin giensis. [Pieris brassicae, biological control]. Luthy, P *J Invertebrate Pathol* 22 (1): 139-140. July 1973

090038 421 J826
Experiments with virus Rhabdionvirus oryctes against coconut palm rhinoceros beetles Oryctes rhinoceros & Scapanes australis grossepunctatus in New Guinea. Bedford, G O *J Invertebrate Pathol* 22 (1): 70-74. July 1973

090039 421 J826
Incidence of Entomophthora sp. & other natural control agents in populations of Pseudoplusia includens & Trichopulsia ni. [Soybeans, cabbage, pests]. Harper, J D *J Invertebrate Pathol* 22 (1): 80-85. July 1973

090040 SB951.A1J3
Cultivation of cruciferous crops & pest control in Japan. [Vegetables]. Shirahama, K *Jap Pestic Inf* 15: 5-10. Apr 1973

090041 107.6 K113
Studies on pupal parasites of common cabbage butterfly, Pieris rapae crucivora boisduval & their parasitic activity. I. Matsuzawa, H *Kagawa Univ Fac Agr Tech Bull* 24 (2): 177-183. Mar 1973

090042 107.6 K113
Studies on pupal parasites of common cabbage butterfly, Pieris rapae crucivora boisduval & their parasitic activity. II. Nogami, R *Kagawa Univ Fac Agr Tech Bull* 24 (2): 185-190. Mar 1973

090043 80 K122
Effective method for control of Phyllocnistis citrella in citrus plants. (Jap) Kawamura, M *Kajitsu Nippon* 28 (4): 74-79. 1973

090044 105.9 H89
Recent data about biology of grape rust mite (Calepitrimerus vitis Nal.) & its spreading in Hungary description of our protection experiments & investigation on proper defense. (Hun) Sarospataki, Gy *Kiserletugyi Kozlemenyek* 64 (1/3): 65-92. Map. Ref. Eng. Sum. 1971 (Pub. 1973)

090045 79.8 L91
What is new in vegetable culture & control of Spodoptera littoralis? (Ita) Damiano, A *Lotta Antiparassitaria* 25 (1): 10-11. Jan 1973

090046 79.8 L91
Leaf rollers of fruit trees. [Capua reticulana, Eulia pulchelliana, Cacoecia podana, chemical control]. (Ita) Talentoni, G *Lotta Antiparassitaria* 25 (3): 14. Mar 1973

090047 79.8 L91
Potato tuberworm. [Phthorimaea operculella, chemical control]. (Ita) Pollastro, L *Lotta Antiparassitaria* 25 (5): 10-11. May 1973

090048 79.8 L91
Rust mite of citrus. [Aculus pelekassi, chemical control]. (Ita) Panero, M *Lotta Antiparassitaria* 25 (5): 6-7. May 1973

090049 SB375.M32
Wilting & green spotting of pineapple by bisexual race of Dysmicoccus brevipes Ckll. in West Malaysia. Lim, W H *Malay Pineapple Ind Board Malays Pineapple* 2: 15-219 ref. 1972

090050 421 M33
Correlations between Phylloxera [vastatrix] gall & normal grape stem single cell clones in tissue culture. Goyal, S P *Marcellia* 37 (4): 219-224. Oct/Dec 1971

090051 16 M583
Protection of peaches against damage from Myzus persicae Sulz. (Ita) Antongiovanni, E *Milan Ist Ric Agr Contrib* 11: 21-26. Ref. Eng. Sum. 1970/1971 (Pub. Dec. 1972)

090052 16 M583
Latest information on effects of M2060 (betafluorethyli c ester of xenylacetic acid) in control of aphids of fr uit trees. [Panonychus ulmi]. (Fre) Antongiovanni, E *Milan Ist Ric Agr Contrib* 11: 31-32. Eng. Sum. 1970/1971 (Pub. Dec. 1972)

090053 100 M66 (3)
Integrated control prospects of major cabbage insect pests in Minnesota. Based on faunistic host varietal, & trophic relationships. Weires, R W *Minn Agr Exp Sta Tech Bull* 291, 44 P. Ref. 1973

090054 421 M97
Fundamental study on integrated control of citrus red mite in summer orange grove. [Panonychus citri]. Nakao, S *Mushi* 46 (1): 1-28. Ref. July 25, 1972

090055 421 M97
Parasites of Unaspis yanonensis in Japan (Hymenoptera, Chalcidoidea). [Citrus, pests, Biological control, Aspidiotiphagus citrinus, Aphytis, Prospaltella]. Murakami, Y *Mushi* 46 (4): 45-52. July 25, 1972

090056 275.29 N811L
Insect control for vegetable gardeners. Scott, H E *N C Univ Ext Leafl* 177, 19 P. Feb 1973

090057 410.9 N28
Leaf miners on trees & shrubs. [Insecta]. (Dut) Frankenhuyzen, A Van *Ned Natuurhist Ver Wetensch Mededel* 94, 60 P. Ref. Dec 1972

090058 464.8 T44
Observations on enemies of oyster shell scale, Lepidosaphes ulmi, on apple in Netherlands. [Hymenoptera]. Karsemeijer, M M D *Neth J Plant Pathol* 79 (3): 122-124. 1973

090059 464.8 T44
Studies on sterile-male technique as a means of control of Adoxyphyes orana F.R. (Lepidoptera, Tortricidae). 2. Dose response curves after irradiation of moths with X-rays or fast neutrons. [Fruit]. Snieder, D *Neth J Plant Pathol* 79 (4): 148-155. Ref. 1973

090060 464.8 T44
Masonaphis lambersi MacGillivray, 1960 (Homoptera, Aphididae), a new pest of Rhododendron in Europe. Hille Ris Lambers, D *Neth J Plant Pathol* 79 (4): 159-161. 1973

090061 94.69 N81
Biology & control of a nut curculio, Conotrachelus carinifer Casey, a new pest of chestnuts. Payne, J A *Northern Nut Growers Ass Annu Rep* 63: 76-78. 1972

090062 94.69 N81
Biology & control of small chestnut weevil, Curculio sayi Gyllenhal. Payne, J A *Northern Nut Growers Ass Annu Rep* 63: 78-82. 1972

090063 SB599.N63
Preliminary investigations for elaborating autocidal control of Adoxophyes reticulana Hbn. [Apple pests]. (Hun) Bodor, J *Novenyved Korszerusitese Mod Plant Prot* 6: 39-50. Eng. Sum. 1972 (Pub. 1973)

090064 SB599.N63
Population reducing experiments by application of radiation sterile bean weevil Acanthoscelides obtectus Say, Coleoptera: Bruchidae) imagos. (Hun) Szentese, A *Novenyved Korszerusitese Mod Plant Prot* 6: 5-17. Ref. Eng. Sum. 1972 (Pub. 1973)

090065 85 J76
Damages in cherry orchards caused by large bark beetle. [Scolytus mali]. (Ger) Zahn, F G *Obstbauversuchsring Alten Landes Mitt* 28 (4): 98-103. Ref. Apr 1973

090066 7 ON8P
1973 Spray calendar for fruits in home gardens. *Ont Dep Agr Food Publ* 366, 8 P. 1973

090067 81 OR32
Biology & control of garden symphylan. [Scutigerella immaculata]. Berry, R E *Oreg Hort Soc (proc)* 64: 172-175. 1973

090068 81 OR32
Of cabbages & kings. [Great Britain, Northern Ireland]. Crowell, H H *Oreg Hort Soc (proc)* 64: 180-182. 1973

090069 81 OR32
Biology & control of western cherry fruit fly in Oregon. [Rhagoletis cingulata]. AliNiazee, M T *Oreg Hort Soc (proc)* 64: 75-77. 1973

090070 450 P5622
Effect of phenolic compounds in Lycopersicon esculentum on synthesis of ethylene. [Tomatoes]. Wardale, D A *Phytochemistry* 12 (7): 1523-1530. Ref. July 1973

090071 1.9 P69P
Empoasca stevensi, a new vector of bunchy top disease of papaya. Haque, S Q *Plant Dis Rep* 57 (5): 412-413. May 1973

090072 1.9 P69P
Potential aphid vectors of pea seedborne mosaic virus in Washington. Aapola, A A *Plant Dis Rep* 57 (6): 552. June 1973

090073 81 W524
What is new in control of peach insects. Bobb, M L *Proc Annu Conv Natl Peach Counc* 32D: 36-38. 1973

090074 S19.P7
Control Hadda beetle of brinjal. [Eggplant]. Ramzan, M *Progr Farming* 9 (10): 18. June 1973

090075 S19.P7
Control painted bug for more yield of cruciferous crops & vegetables. Bhalla, J S *Progr Farming* 9 (10): 20. June 1973

090076 S19.P7
Control of cauliflower & cabbage borer. [Hellula undalis]. Sandhu, G S *Progr Farming* 9 (8): 12-13. Apr 1973

090077 SB13.P8
Spraying schedule for controlling insect pests of citrus in Punjab. Batra, R C *Punjab Hortic J* 12 (4): 237-239. Oct/Dec 1972

090078 SB950.A1P3
Control of banana weevil (Cosmopolites sordidus) in Latin America & Caribbean with pirimiphos-ethyl. Pullen, J *PAns Pest Artic News Summ* 19 (2): 178-181. June 1973

090079 423.92 SO8
Pests of deciduous fruit, grapes & miscellaneous other horticultural crops in South Africa. Myburgh, A C *S Afr Dep Agr Tech Serv Entomol Mem* 27, 38 P. Ref. Jan 1973

090080 464.8 SB5
Aphid Tetraneura ulmi (L.), a new maize pest in Czechoslovakia. (Cze) Stary, P *Sb Uvti (Ustav Vedeckotech Inform) Ochrana Rostlin* 9 (1): 57-60. Eng. Sum. Feb 1873

090081 80 SCH9
Results in control of Anthonomus rubi. [Strawberries, pests]. (Ger) Staub, A *Schweiz Z Obst Weinbau* 109 (10): 236-241. Apr 28, 1973

090082 80 SCH9
Occurrence of Rhagoletis cerasi. [Cherries, pests]. (Ger) Remund, U *Schweiz Z Obst Weinbau* 109 (11): 270-271. May 12, 1973

090083 470 SCI2
L-kopa in legume seeds: A chemical barrier to insect attack. [Mucuna, kidney beans]. Rehr, S S *Science* 181 (4094): 81-82. Ref. July 6, 1973

090084 421 J27
Ecology & control of apple leaf miner, Lithocollelis ringoniella. (Jap) Ujiie, T *Shokubutsu Boeki (plant Prot)* 27 (5): 11-16. May 1973

090085 421 J27
On Erionota torus, a new species of insect pests to banana. (Jap) Teruya, T *Shokubutsu Boeki (plant Prot)* 27 (5): 17-19. May 1973

090086 421 J27
Recent problems on control of Aleurolobus taonabae, grape whitefly. (Jap) Henmi, T *Shokubutsu Boeki (plant Prot)* 27 (5): 6-10. May 1973

090087 420 EG9
Studies on potato tuber worm, Phthorimaea operculella (Zeller). Lepidoptera: Gelechiidae. Abul-nasr, S *Soc Entomol Egypte Bull* 55: 185-192. 1971 (Pub. 1972)

090088 420 EG9
Number of generations & seasonal abundance of olive fruit fly, Dacus aleae (Gmel.) & susceptibility of different olive varieties to infestation. Diptera: trypetidae. Donia, A R *Soc Entomol Egypte Bull* 55: 201-209. Ref. 1971 (Pub. 1972)

090089 420 EG9
Characteristics, sex, differenciation & colour variations in adults of olive fruit fly, Dacus oleae (Gmel.). Diptera: Trypetidae. El-Sawaf, S K *Soc Entomol Egypte Bull* 55: 289-295. 1971 (Pub. 1972)

090090 420 EG9
Feeding sites of mealy plum aaphid, Hyalopterus pruni (Geoffroy) with respect to its alternative host plants in Egypt. Hemiptera: Aphididae. El-Kady, E A *Soc Entomol Egypte Bull* 55: 35-40. 1971 (Pub. 1972)

090091 420 EG9
Biology of red spider mite, Oligonychus mangiferus (R. & S.). Acarina: Tetranychidae. Zaher, M A *Soc Entomol Egypte Bull* 55: 393-401. 1971 (Pub. 1972)

090092 420 EG9
Biology of Asterolecanium pustulans Cockerell in Alexandria district. Hemiptera-Homoptera: Asterolecaniidae. [Figs]. El-Minshawy, A M *Soc Entomol Egypte Bull* 55: 441-446. 1971 (Pub. 1972)

090093 420 EG9
Biology of Hemiberlisia lataniae (Sig.) in Alexandria district. Hemiptera-Homoptera-Diaspididae. [Fruit]. El-Minshawy, A M *Soc Entomol Egypte Bull* 55: 461-467. 1971 (Pub. 1972)

090094 420 EG9
Biological studies on a leaf mining diptera, Liriomyza trifolii Burgess attacking beans in Egypt. Diptera: Agromyzidae. Dimetry, N Z *Soc Entomol Egypte Bull* 55: 55-69. 1971 (Pub. 1972)

090095 HD1975.A6T4
Bringing upto date information on control of major parasites of olives. [Pests]. (Ita) Casilli, O *Terra Pugliese* 22 (4): 3-7. Apr 1973

090096 11 T439
Insecticide resistance in green peach aphid (Myzus persicae Sulz.). (Dan) Kirknel, E *Tidsskr Planteavl* 77 (2): 191-199. Eng. Sum. 1973

090097 385 T573B
Absorption of chlorinated hydrocarbons by turnip planted in pot, & their translocation in plant. (Jap) Kawahara, T *Tokyo Agr Chem Insp Sta Bull* 12: 52-56. Eng. Sum. Oct 1972

090098 SB320.V42
Control of corn borers & aphids in peppers. Hilliker, F *Veg Crop Manage* 9 (6): 13, 16. June 1973

090099 421 Z36
Studies on some ecological factors affecting control of Mediterranean fruit fly Ceratitis capitala wied. in Egypt by use of sterile male technique. Hafez, M *Z Angew Entomol* 73 (3): 230-238. June 1973

090100 421 Z36
Biological control of aphids in glasshouse by means of gall midge Aphidoletes aphidimyza (Rond.) (Diptera, Cecidomyidae). (Ger) Mayr, L *Z Angew Entomol* 73 (3): 255-260. Eng. Sum. June 1973

090101 448.3 C33 (3)
Transmission of pea enation mosaic virus by different subspecies & strains of foxglove aphid, Aulacorthum solani (Kaltenbach). (Ger) Muller, F P *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 128 (1/2): 72-80. Ref. Eng. Sum. 1973

INSECT PESTS AND CONTROLS — FOREST TREES, PRODUCTS

090102 505 P21 (3)
Ultrastructural localizations of acid phosphatasic (acid phosphomonoesterase) in nutrient cells of gal l of Biorhiza pallida Ol. females & males on Quercus pedunculata Ehrh. (Fre) Bronner, R *Acad Sci (paris) C R Ser D* 276 (19): 2677-2680. Ref. May 9, 1973

090103 420 C33
Development of needle-shortening gall midge, Thecodiplosis brachyntera, on mountain pine, Pinus mugo subsp. mughus (Diptera, Cecidomyiidae). Skuhravy, V *Acta Entomol Bohemoslov* 70 (3): 162-167. 1973

090104 421 C16
Heat units & outbreaks of forest tent caterpillar, Malacosoma disstria (Lepidoptera: Lasiocampidae). Ives, W G H *Can Entomol* 105 (4): 529-543. Ref. Apr 1973

090105 421 C16
A method for rearing overwintering larvae of winthemia occidentis (Diptera: Tachinidae), a parasite of eastern hemlock looper. [Lambdina fiscellaria fiscellaria. Otvos, I S *Can Entomol* 105 (4): 581-582. Apr 1973

090106 421 C16
Effect of male Trypodendron lineatum (Coleoptera: Scolytidae) on response of field populations to secondary attraction. Nijholt, W W *Can Entomol* 105 (4): 583-590. Ref. Apr 1973

090107 421 C16
Ovicidal effect in white pine weevil, Pissodes strobi (Coleoptera: Curculionidae), of a synthetic analogue of juvenile hormone. Retnakaran, A *Can Entomol* 105 (4): 591-594. Ref. Apr 1973

090108 470 C16C
Ageand size-related response of lodgepole pine to inoculation with Europhium clavigerum. [Pinus contorta, Dendroctonus ponderosae, host plant resistance]. Shrimpton, D M *Can J Bot* 51 (6): 1155-1160. June 1973

090109 470 C16D
Yolk deposition in Douglas-fir bark beetle, Dendroctonus pseudotsugae (Hopk.): significance of physiological state of oocytes. Sahota, T S *Can J Zool* 51 (6): 659-661. Ref. June 1973

090110 99.8 EM72
Pests in forest nurseries & forests of Jordan. Klapperich, J *Commonwealth Forest Rev* 52 (2): 163-167. June 1973

090111 100 C76ST (1)
Aerial application of Bacillus thuringiensis against larvae of elm spanworm & gypsy moth & effects on parasitoids of gypsy moth Dunbar, D M *Conn Agr Exp Sta Bull* 735, 23 P., Map. Ref. Apr 1973

090112 512 W263B
On need for taking into consideration phenomenon of feed-back in entomological studies on parasite-host system. [Matsucoccus pini, Pinus]. (Pol) Siewniak, M *Ekol Pol Ser B* 18 (1): 29-37. Eng. Sum. 1972

090113 275.29 K415E
Termites & their control. [Isoptera]. Scheibner, R A *Ent Dep Entomol Univ Ky Coll Agric Coop Ext Serv* 6, Rev., 3 P. Sept 1972

090114 275.29 K415E
Controlling bagworms. [Thyridopteryx ephemeraeformis, evergreens]. Scheibner, R A *Ent Dep Entomol Univ Ky Coll Agric Coop Ext Serv* 8, 2 P. Oct 1972

090115 420 EN86
Food assimilation & duration of larval instars of three saturniid forest pests. Van den Berg, M A *Entomol Soc Southern Afr J* 36 (1): 165-173. Mar 1973

090116 436.8 EX7
Moisture requirements of DD-136 strain of Neoaplectana carpocapsae (Nematoda; Rhabditida) as related to host infection. [Scolytidae, forest peats, biological control]. Moore, G E *Exp Parasitol* 33 (2): 207-211. Ref. Apr 1973

090117 475 EX7
Use of synthetic sex attractant of larch bud moth Zeiraphera diniana (Gn.) in monitoring traps under different conditions, & antagonistic action of cis-isomere. Benz, G *Experientia* 29 (6): 729-730. June 15, 1973

090118 410 F662
Lymantria monacha L. (Lepidoptera, Lymantriidae); observations from an attack at Silkeborg, 1972. [Conifers, insect pests]. (Dan) Hoegh-Guldberg, O *Flora Fauna* 79 (2): 35-38. June 1973

090119 99.8 F7632
Effect of pine needle scale on photosynthesis of Scots pine. [Phenacaspis pinifoliae, Pinus sylvestris]. Walstad, J D *Forest Sci* 19 (2): 109-111. June 1973

090120 QL461.G4
First fifteen years of Southern Forest Insect Work Conference – 1956 – 1970. Yates, H O *Ga Entomol Soc J* 8 (Suppl. 1), 16 P. Jan 1973

090121 QL461.G4
Cone production in Fraser firs infested by balsam woolly aphid, Adelges piceae (Homoptera: Phylloxeridae). [Abies fraseri]. Fedde, G F *Ga Entomol Soc J* 8 (2): 127-130. Apr 1973

090122 99.9 J2724A
Preliminary studies on control of forest defoliators with bacillus thuringiensis in Hokkaido. [Lymantria dispar, Choristoneura diversana]. (Jap) Yamaguchi, H *Hokkaido Forest Exp Sta Annu Rep* 1971: 29-34. Eng. Sum. Oct 1972

090123 QL461.I7
Host plant nutritive value & variable number of instars ina sawfly, Diprion similis. [Pinus]. Fogal, W H *Isr J Entomol* 7: 63-72. Ref. 1972

090124 421 J822
White pine weevil: a rearing procedure & artificial medium. [Pissodes strobi]. Zerillo, R T *J Econ Entomol* 66 (3): 593-594. June 1973

090125 421 J822
Elm spanworm: contact toxicity of ten insecticides applied to larvae. [Ennomos subsignarius, tree pests]. Robertson, J L *J Econ Entomol* 66 (3): 627-628. June 1973

090126 421 J822
Western tent caterpillar: contact toxicity of ten insecticides applied to larvae. [Malacosoma californicum, tree pests]. Robertson, J L *J Econ Entomol* 66 (3): 629-630. June 1973

090127 421 J822
Oak mortality caused by repeated gypsy moth defoliations in New Jersey. [Quercus, porthetria dispar]. Kegg, J D *J Econ Entomol* 66 (3): 639-641. June 1973

090128 421 J822
Probing behavior of Eulachnus agilis & injury to Scotch pine. [Pinus sylvestris]. Bliss, M *J Econ Entomol* 66 (3): 651-655. June 1973

090129 421 J822
Carbofuran for control of eastern spruce gall aphid. [Picea glauca, adelges abietis]. Kerr, T W *J Econ Entomol* 66 (3): 791. June 1973

090130 421 J822
Western spruce budworn: nonresistance to Zectran. [Choristoneura occidentalis]. Robertson, J L *J Econ Entomol* 66 (3): 801-802. Ref. June 1973

090131 421 J822
Sex attractant pheromone activity of elm spanworm. [Ennomos subsignarius]. Granett, J *J Econ Entomol* 66 (3): 808-809. June 1973

090132 421 J822
Insecticial control of Adelges abietis in Pennsylvania. [Picea abies, pests]. Cameron, E A *J Econ Entomol* 66 (3): 811-812. June 1973

090133 421 J822
Fungi isolated from gypsy moth. [Porthetria dispar, forest pests, biological control]. Majchrowicz, I *J Econ Entomol* 66 (3): 823-824. June 1973

090134 421 J826
Dosage-mortality studies with commercial Bacillus thurngiensis sprayed in a modified potter's tower against some fores t insects. [Biological control]. Morris, O N *J Invertebrate Pathol* 22 (1): 108-114. Ref. July 1973

090135 421 J826
A method of visualizing & assessing deposits of aerially sprayed insect microbes. [Choristoneura fumiferana, biological control]. Morris, O N *J Invertebrate Pathol* 22 (1): 115-121. Ref. July 1973

090136 421 J826
Field evaluation of a nuclear polyhedrosis virus of Neodiprion taedae linearis. [Pinus taedae, pests]. Yearian, W C *J Invertebrate Pathol* 22 (1): 34-37. July 1973

090137 421 J826
Effect of weather on a microbial insecticide. [Choristoneura fumiferana, biological, bacillus thuringiensis]. Frye, R D *J Invertebrate Pathol* 22 (1): 50-54. Ref. July 1973

090138 421 J826
Entomophthora bullata as a pathogen of Sarcophaga aldrichi. [Malacosoma disstria, biological control⅛'. MacLeod, D M *J Invertebrate Pathol* 22 (1): 75-79. July 1973

090139 99.8 N62
Daily observation on behaviors of Japanese pine Sawyer adult, Monochamus alternatus Hope. (Jap) Nishimura, M *Jap Forest Soc J* 55 (3): 100-104. Eng. Sum. Mar 1973

090140 99.8 N62
Biology of pine moth, Dendrolimus spectabilis, reared for successive 6 generations under long-day conditions. [Pinus]. (Jap) Iwata, Z *Jap Forest Soc J* 55 (4): 140-143. Apr 1973

090141 QL562.L4
Laspeyresia indivisa Danil. – new leaf roller. [Conifers]. (Dan) Palm, E *Lepidoptera* 11 (5): 137. Eng. Sum. May 1973

090142 99.8 L5632
Frame prognosis of occurrence of forest pest in slovakia in 1973. (Slo) Foltany, I *Les (Bratislava)* 29 (4): 165-168. 1973

090143 421 M33
Studies of Byron Bog in southwestern Ontario. XLVII. Insects reared from galls on willow, oak & rose. [Salix, Quercus, Rosa]. Judd, W W *Marcellia* 37 (4): 225-232. Ref. Oct/Dec 1971

090144 100 C76M
Gypsy moth likes suburbia. [Porthetria dispar, trees, pests]. Duda, E J *Milestones Conn Agr Home Econ* 16 (2): 14-16. Map. Spring/Summer 1973

090145 100 N813B
Borer problem in green ash in North Dakota shelterbelts. [Prionoxystus robiniae, Podosesia syringae, Fraxinus pennsylvanica lanceolata]. McKnight, M E *N Dak Farm Res* 30 (5): 8-14. Map. Ref. May/June 1973

090146 QH5.N33
Nature conservation & biological control of forest pests. (Ger) Jaeger, K *NaturschutzNaturparke* 68: 17-24. 1St Quarter 1973

090147 99.8 N28
Infestations by insects & mites in forests & other woody areas in 1972. [Acarina, Pseudotsuga menziesii]. (Dut) Doom, D *Ned Bosbouw Tijdschr* 45 (5): 177-185. Eng. Sum. May 1973

090148 410.9 N28
Leaf miners on trees & shrubs. [Insecta]. (Dut) Frankenhuyzen, A Van *Ned Natuurhist Ver Wetensch Mededel* 94, 60 P. Ref. Dec 1972

090149 94.69 N81
Devastation of northeastern forests by gypsy moth. [Porthetria dispar]. Morgan, P *Northern Nut Growers Ass Annu Rep* 63: 56-58. 1972

090150 QL750.O3
Food & energy turnover of phytophagous insects in beech forests. I. Investigations on populatons of weevils (Curculionidae) Rhynchaenus fagi L., Strophosomus (Schonherr) & Otiorrhynchus singularis L. [Fagus]. (Ger) Grimm, R *Oecologia* 11 (3): 187-262. Ref. Eng. Sum. 1973

090151 410 OI4
Leaf size & availability of space to sycamore aphid Drepanosiphum platanoides. Dixon, A F G *Oikos* 24 (1): 58-63. Ref. 1973

090152 449.8 EX8
Anobiid beetles should be controlled. [Wood products]. Williams, L H *Pest Contr* 41 (6): 18, 20, 22, 38, 40, 42, 44. June 1973

090153 1.9 P69P
Dutch elm disease in Colorado – 1972. [Ceratocystis ulmi, Ulmus, Scolytus multistriatus]. Laut, J G *Plant Dis Rep* 57 (6): 511-513. Map. June 1973

090154 99.8 R327
On detection & control of Sacchiphantes viridis Ratz, of spruce. (Rum) Mecu, G I *Rev Padurilor* 88 (4): 228. Apr 1973

090155 S95.E23
Role of native elm bark beetle, Hylurgopinus rufipes (Eichh.), in transmission of Dutch Elm Disease pathogen, Ceratocystis lmi (Buisman) C. Moreau. [Ulmus, dieback]. Thompson, H E *Search Agric* 2 (1)8 16 P. Ref. 1972

090156 99.9 SE6
On the virulence of thuricide and virus for the control of pine caterpillar, Dendrolimus spectabilis Butler and fall webworm, Hyphantria cunea Drury. [Bacillus thuringiensis]. (Kor) Ko, J H *Seoul (Korea) Forest Res Inst Res Rep* 19: 43-50. Ref. Eng. Sum. Nov 1972

090157 99.9 SE6
Studies on ecology & control of pine bark beetle, Blastophagus piniperda L. (Kor) Park, K N *Seoul (Korea) Forest Res Inst Res Rep* 19: 65-70. Ref. Eng. Sum. Nov 1972

090158 421 J27
Problems on control of Scolytidae, injurious insect pests to Pinus tree. (Jap) Morimoto, K *Shokubutsu Boeki (plant Prot)* 27 (5): 1-5. Ref. May 1973

090159 420 EG9
On bionomics of sycamore fig psyllid Pauropsylla trichaeta Petty. Hemiptera: Psyllidae. [Ficus sycamorus]. Awadallah, K T *Soc Entomol Egypte Bull* 55: 193-199. 1971 (Pub. 1972)

090160 420 F84B
A new species of Microlepidoptera harmful to pines in Madagascar (Lepidoptera Stenomidae). [Odites fotsyella, Pinus patala]. (Fre) Viette, P *Soc Entomol France Bull* 77 (9/10): 284-288. Nov/dec 1972

090161 511 H365ME
Influence of DDT36 CL [chlorine] on web-building in Aranea diademata. Johanson, R R *Soc Fauna Flora Fenn Mem* 48: 5-11. 1972

090162 99.8 W143
Measures for avoiding calamities of insects in stands damaged by storm within lowlands of German Democratic Republic. (Ger) Templin, E *Sozialistische Forstwirtsch* 23 (4): 104-106. Apr 1973

090163 99.8 ST9
Destructive leaf chafer beetles of forests of Sweden. IV. Melolontha melolontha L. (vulgaris Fabr.) & Melolontha hippocastani Fabr. [Scarabaeidae]. (Swe) Brammanis, L *Stud Forest Suecica* 102, 47 P. Ref. Eng. Sum. 1973

090164 1 AG84PRO
Gypsy moth: a major pest of trees. [Porthetria dispar]. *U S D A Pa* 1006, Slightly Rev., 12 P. Map. May 1973

090165 A99.9 F764UN
Abundance of arthropods inhabiting duff & soil after prescribed burning on forest clearcuts in northern Idaho. [Amara erratica, Pinus monticola]. Fellin, D G *U S Forest Serv Res Note Int* 162, 8 P. June 1972

090166 A99.9 F764UN
Establishment of Agathis pumila (Ratz.) for control of larch casebearer, & notes on native parasitism & predation in Idaho. [Larix occidentalis, Coleophora laricella] Denton, R E *U S Forest Serv Res Note Int* 164, 6 P., Map. Sept 1972

090167 A99.9 F7625UNI
Forest-site relationships within an outbreak of lodgepole needle miner in central Oregon. [Pinus contorta, Coleotechnites]. Mason, R R *U S Forest Serv Res Pap Pnw* 146, 18 P. Ref. 1972

090168 99.8 W145
Studies on course of infestation in old silver fir stands by Dreyfusia nusslini CB (Phylloxeridae) & occurrence of progredientes. [Abies alba, Switzerland]. (Ger) Eichhorn, O *Waldhygiene* 9 (5/8): 171-183. Ref. Eng. Sum. 1972

090169 99.8 W145
Population densities of a honeydew producer & its dependence on control of ants. [Formicidae, trees, austria]. (Ger) Fossel, A *Waldhygiene* 9 (5/8): 185-191. Ref. 1972

090170 99.8 W145
Use of sterile partner technique for control of harmful plant lice in forest. [Aphididae]. (Ger) Steffan, A W *Waldhygiene* 9 (5/8): 247-256. Ref. 1972

090171 421 Z36
Investigations on silver fir gall midge, Agevillea abietis Hub. (Cecidomyidae, Diptera). II. Regulating factors, especially parasites. [Abies alba]. (Ger) Postner, M *Z Angew Entomol* 73 (3): 263-294. Ref. Eng. Sum. June 1973

090172 421 Z36
Dendroctonus: production of pheromones & related compounds in response to host monoterpenes. [Pinus, Pseudotsuga menziesii]. Hughes, P R *Z Angew Entomol* 73 (3): 294-312. Ref. June 1973

090173 421 Z36
Effects of a juvenoid applied under field conditions to green oak leaf roller, Tortrix viridana L. (Lepidoptera, Tortricidae). Novak, V *Z Angew Entomol* 73 (3): 312-318. June 1973

090174 421 Z36
Distribution of tsetsefly Glossina tachninoides West. & Glossina morsitans submorsitans New. in Republic of Niger. (Ger) Sivers, P van *Z Angew Entomol* 73 (3): 319-326. Map. Ref. Eng. Sum. June 1973

INSECT PESTS AND CONTROLS — PRODUCTS

090175 1.98 AG84
Inert atmosphere vs. stored grain pests. [Insecta]. *Agric Res* 22 (1): 12. July 1973

090176 436.8 AN4
Practical suitability of arsenic poison baits in control of Monomorium pharaonis. (Ger) Eichler, W *Angew Parasitol* 14 (2): 116-117. May 1973

090177 421 AN9
Malachius larvae (Coleoptera, Malachiidae) as annoyances in summer homes. (Ger) Weidner, H *Anz Schadlingsk Pflanzenschutz* 46 (6): 86-89. Ref. Eng. Sum. June 1973

090178 389.9 D832
New studies on insect resistant packages. [Dried fruit]. Yerington, A P *Dried Fruit Indus Res Adv Comm Proc* 11Th: 25-29. 1972

090179 389.9 D832
'shelled almond pilot scale study application of protectant & results after 1 year in storage'. [Malathon]. Spitler, G H *Dried Fruit Indus Res Adv Comm Proc* 11Th: 46-52. 1972

090180 389.9 D832
Research activities at Dried Fruit & Tree Nut Insects Investigations, Fresno, California. [Control]. Nelson, H D *Dried Fruit Indus Res Adv Comm Proc* 11Th: 9-14. 1972

090181 275.29 K415E
Cockroach control. [Blattidae]. Scheibner, R A *Ent Dep Entomol Univ Ky Coll Agric Coop Ext Serv* 1, Rev., 3 P. July 1972

090182 SB931.A1E5
Efficiency of insecticidal dusts in controlling bulb fly Eumerus amoenus Loew on stored onion bulbs (Diptera: Syrphidae). Assem, M A *Entomol Soc Egypt Bull Econ Ser* 6: 217-219. 1972

090183 100 F92
A natural control of termites. [Lasius]. Beard, R L *Frontiers Plant Sci (Conn Sta)* 25 (2): 2-3. May 1973

090184 QL461.G4
Gamma radiation sensitivity of corn sap beetle, Carpophilus dimidiatus (Coleoptera: Nitidulidae) [Stored products, insect control]. Brower, J H *Ga Entomol Soc J* 8 (1): 55-58. Jan 1973

090185 QL461.G4
Influence of aging on Gardona residues when Gardona is applied to woolen cloth during drycleaning. [Attagenus megatoma]. Bry, R E *Ga Entomol Soc J* 8 (2): 75-79. Apr 1973

090186 44.8 H65
No practical control for some insect pests. [Dairy products]. Gojmerac, W L *Hoards Dairyman* 118 (12): 774. June 25, 1973

090187 49 IN3
Pest control of agricultural products. [Insects, aluminum phosphide]. (Ita) Albertazzi, G *Inform Zootec* 20 (3): 8-9. Feb 7, 1973

090188 QL461.I7
Histochemical fate of paraoxon in cockroach (Periplaneta americana) & honey bee (Apis mellifera) brain. Booth, G M *Isr J Entomol* 7: 143-156. Ref. 1972

090189 421 J822
Sensitivity of Oryzaephilus surinamensis to Cesium-137. II. Irradiation of larvae, pupae, & adults. [Grain pests, control]. Chawla, S S *J Econ Entomol* 66 (3): 605-608. Ref. June 1973

090190 421 J822
House flies: effect of apholate & its failure to induce resistance. [Musca domestica, control]. Morgan, P B *J Econ Entomol* 66 (3): 6092611. Ref. June 1973

090191 421 J822
Carbaryl synergism by substituted 1,3-benzodioxoles & related compounds & inhibition of mixed function oxidase. [Musca domestica, control]. Desmarchelier, J *J Econ Entomol* 66 (3): 631-638. Ref. June 1973

090192 421 J822
Growth responses of larvae of rice weevil, maize weevil, & granary weevil on a meridic diet. [Sitophilus oryzae, sitophilus zeamais, sitophilus granarius, storage pests]. Baker, Je *J Econ Entomol* 66 (3): 681-683. Ref. June 1973

090193 421 J822
Interspecific competition of almond moth, Indian meal moth, & raisin moth in malathion-treated & untreated almonds. [Cadra cautella, plodia interpunctella, cadra figulilella]. Soderstrom, E L *J Econ Entomol* 66 (3): 741-744. June 1973

090194 421 J822
Almond moth: gamma radiation effects on life stages. [Cadra cautella, storage pests]. Cogburn, R R *J Econ Entomol* 66 (3): 745-751. Ref. June 1973

090195 421 J822
Tribolium confusum: food additives as ovicides. [Storage pests, control]. Baker, J E *J Econ Entomol* 66 (3): 765-767. June 1973

090196 421 J822
Synergism of synthetic mixed isomers of juvenile hormone. [Tenebrio molitor, control]. Sonnet, P E *J Econ Entomol* 66 (3): 793-794. June 1973

090197 421 J826
In vitro bactericidal capacity of Blaberus cranifer hemocytes. [Household pests]. Anderson, R S *J Invertebrate Pathol* 22 (1): 127-135. Ref. July 1973

090198 421 J829
Feeding behaviour of predatory mite Acaropsis docta (Berlese). [Trogoderma granarium]. Kapil, R P *J Stored Prod Res* 9 (1): 1-6. June 1973

090199 421 J829
Some aspects of inheritance of tolerance to methyl bromide by Sitophilus granarius (L.). Upitis, E *J Stored Prod Res* 9 (1): 13-17. June 1973

090200 421 J829
Gamma, infra-red & microwave radiation combinations for control of Rhyzopertha dominica in wheat. Kirkpatrick, R L *J Stored Prod Res* 9 (1): 19-23. June 1973

090201 421 J829
Carbon dioxide for control of an insect infestation in stored corn (maize). Jay, E G *J Stored Prod Res* 9 (1): 25-29. June 1973

090202 421 J829
Light responses of Tribolium castaneum & Tribolium confusum (Coleoptera, Tenebrionidae): variation with age & sex. Arbogast, R T *J Stored Prod Res* 9 (1): 31-35. June 1973

090203 421 J829
Weight loss of wheat infested with gamma-radiated Sitophilus oryzae (L.) & Rhyzopertha dominica (F.). Brower, J H *J Stored Prod Res* 9 (1): 37-41. June 1973

090204 421 J829
Radiation sensitivity of sucessively irradiated generations of Tribolium castaneum (Herbst) (Coleoptera, Tenebrionidae), & Sitophilus oryzae (L.) (Coleoptera, Curculionidae). Brower, J H *J Stored Prod Res* 9 (1): 43-49. June 1973

090205 421 J829
Developmental period & moratility of Gnathocerus maxillosus (F.) (Coleoptera, Tenebrionidae) under various conditions of temperature & humidity. Ntifo, S E A *J Stored Prod Res* 9 (1): 51-59. Ref. June 1973

090206 421 J829
Increased tolerance to ethylene dibromide in a field population of Tribolium castaneum (Herbst). Bond, E J *J Stored Prod Res* 9 (1): 61-63. June 1973

090207 421 J829
An investigation into use of an X-ray technique in study of pre-emergent stages of Sitophilus oryzae (L.) developing in Manitoba wheat. Dobie, P *J Stored Prod Res* 9 (1): 7-12. June 1973

090208 16 M583
Apllication of Cidial (phenotate) for control of parasitic insects of stored grains; metabolism, residues & technical, commercial, hygienic, sanitary implications. [Sitophilus granari (Fre) Bazzi, B *Milan Ist Ric Agr Contrib* 11: 27-29. Eng Sum. 1970/1971 (Pub. Dec. 1972)

090209 298.8 M73
Malathion for grain protection & its application in wheat. [Storage, pest control]. (Ita) Pirani, F *Molini Ital* 24 (3): 102-104. Mar 1973

090210 SB922.N4N42
Household insect pests & their control, 13th ed. *N S W Dep Agric Entomol Branch Insect Pest Bull* 47, 30 P. 1972

090211 449.8 EX8
Should flushing agents be added to blatticides. [Cockroach control]. Ebeling, W *Pest Contr* 41 (6): 24, 46, 48, 50-51. June 1973

090212 421 P882
Survey on presence of cockroaches in Federal Republic of Germany: Final report. [Blatella germanica, Blatta orientalis]. (Ger) Dohring, E *Prakt Schadlingsbekampfer* 25 (4): 47-59. Eng. Sum. Apr 1973

090213 421 P882
Common springtail & mite pests in a new building in Oberharz. [Coalembola]. (Ger) Rack, G *Prakt Schadlingsbekampfer* 25 (4): 60-62. Apr 1973

090214 SB950.A1P3
A new biocide for protection of pruduce in storage. [Tricidal]. Cywinski, J W *PAns Pest Artic News Summ* 19 (2): 261-262. June 1973

090215 24 SO863
Control of insect pests in stored products in South Africa. Viljoen, J H *Repub S Afr Dep Agr Tech Serv Tech Commun* 105, 9 P. Ref. Mar 1973

090216 SF1.R54
Enemies of stored agricultural products. [Insects]. (Ita) Piccolo, L *Rilancio Agric Vet Zootec* 5 (1): 16, 19-22. 1973

090217 420 EG9
Some factors influencing abundance of Indian meal moth, Plodia interpunctella Hb., on stored shelled corn. Lepidoptera: Phycitidae. [Egypt]. Abdel-Rahman, H A *Soc Entomol Egypte Bull* 55: 321-330. Ref. 1971 (Pub. 1972)

INSECT PESTS AND CONTROLS — ANIMAL AND MAN

090218 505 P21 (3)
Cycle of a rodent filaria passed by mosquitos. [Culex pipiens, Aedes aegypti, Anopheles stephensi]. (Fre) Bain, O *Acad Sci (paris) C R Ser D* 276 (19): 2689-2690. May 9, 1973

090219 424.8 AM3
Stinging Hymenoptera. Pursley, R E *Amer Bee J* 113 Apr 1973

090220 436.8 AN4
Physiological age of Aedes mosquitos. (Ger) Dix, V *Angew Parasitol* 14 (2): 76-82. Ref. Eng. Sum. May 1973

090221 436.8 AN4
Relationship of synanthropic flies to small animal carcasses. I. (Ger) Groth, U *Angew Parasitol* 14 (2): 83-100. Eng. Sum. May 1973

090222 448.9 L75A
Relationship between hosts & trypanosome infection rates of Glossina swynnertoni Aust. in Serengeti National Park, Tanzania. Moloo, S K *Ann Trop Med Parasitol* 67 (2): 205-211. Ref. June 1973

090223 448.9 L75A
Experimental infections of avian trypanosomes in Glossina. Molyneux, D H *Ann Trop Med Parasitol* 67 (2): 223-228. Ref. June 1973

090224 448.9 L75A
Observations on behaviour of Anopheles gambiae sp. B in Kambole village in Zambesi valley, Zambia. Shelley, A J *Ann Trop Med Parasitol* 67 (2): 237-248. Ref. June 1973

090225 43.8 AR43
Control profit-stealing horn flies. [Cattle]. Jones, B F *Ark Cattle Bus* 9 (6): 7-9. June 1973

090226 100 AR42F
Demonstration of mosquito control in a ricefield community, 1970-1972. [Psorophora confinnis, Anopheles quadrimaculatus, Anopheles psorophora]. Meisch, M V *Ark Farm Res* 22 (3): 6. May/June 1973

090227 7 B77P
Recognition & life history of insect & allied pests of livestock in Britsih Columbia. Rich, G B *Brit Columbia Dep Agr (publ)* 73-5, 33 P. 1973

090228 7 C16PU
Control of cattle grubs. [Hypoderma lineatum, Hypoderma bovis]. Khan, M A *Can Dep Agr Publ* 1309, Rev., 15 P. 1973

090229 7 C16PU
Black flies. [Simuliidae, control]. Fredeen, F J H *Can Dep Agr Publ* 1499, 19 P. 1973

090230 385 C68
Natural & synthetic materials with insect hormone activity. XVI. synthesis of derivatives of oxygen heterocycles containing N-geranylaniline moiety. [Triatoma infestans]. Kahovcova, J *Collect Czech Chem Commun* 38 (4): 1165-1167. Apr 1973

090231 444.8 C73
Changes in content of blycogen, sugars, nucleic acids, protein & free amino acids in pupa of Glossina morsitans during its development. Stafford, W L *Compar Biochem Physiol* 45 (4B): 763-768. Ref. Aug 15, 1973

090232 421 EN88
External parasites of woodchuck, Marmota monax, in Indiana. [Insects]. Whitaker, J O *Entomol News (philadelphia)* 84 (3): 69-72. Mar 1973

090233 421 EN88
Bot infestations of pinyon mice in New Mexico. [Cuterebra]. Haas, G E *Entomol News (philadelphia)* 84 (3): 89-90. Mar 1973

090234 SB931.A1E5
Protrusion of intromittent organ in male Xenopsylla cheopis poisoned by hydrocarbon insecticides. [Rat pests]. Shalaby, A M *Entomol Soc Egypt Bull Econ Ser* 6: 247-258. 1972

090235 SB931.A1E5
On susceptibility of bed bug, Cimex lectularius L. to insecticides. Radwan, W A *Entomol Soc Egypt Bull Econ Ser* 6: 73-77. 1972

090236 436.8 EX7
Role of mermithid nematodes in biological control of mosquitoes. Petersen, J J *Exp Parasitol* 33 (2): 239-247. Ref. Apr 1973

090237 436.8 EX7
Host specificity of entomophilic nematodes: a review. [Heterotylenchus autumnalis, Musca autumnalis, biological control]. Stoffolano, J G *Exp Parasitol* 33 (2): 263-284. Ref. Apr 1973

090238 436.8 EX7
Biological control: implications of analogy between trophic interactions of insect pest-parasitoid & snail-trematode systems. Kuris, A M *Exp Parasitol* 33 (2): 365-379. Ref. Apr 1973

090239 22 F223
Fly control in dairy farms. [Diptera]. Christopher, J *Farm J (calcutta)* 24 (4/5): 35-38. Feb/Mar 1973

090240 S19.F37
Protect your livestorck & yourself from hydatid disease. [Echinococcus]. Jain, P C *Farmer Parliament* 8 (2): 7-8, 28 Feb 1973

090241 QL461.G4
Pterodectine feather mites of hummingbirds: genera Syntomodectes Park & Atyeo & Sclerodectes, new genus. Park, C K *Ga Entomol Soc J* 8 (1): 39-51. Ref. Jan 1973

090242 TC805.C6 1972
Impact of irrigation & drainage on control & eradication of malaria. [Mosquitos]. Rafatjah, H A *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 6: c52-C58. 1972

090243 QL461.I7
Use of sterile females for control of tick Argas persicus (Oken). Galun, R *Isr J Entomol* 7: 109-115. 1972

090244 410 J828
Observations on a naturally occurring winter epizootic of myxomatosis at Canberra, Australia, in presence of rabbit fleas (Spilopsyllus cuniculi dale) & virulent myxoma virus. Williams, R T *J Appl Ecol* 10 (2): 417-427. Ref. Aug 1973

090245 421 J822
Insect chemosterilants: gas chromatography, p-values, & relationship of p-values to sterilant activity in pupae of Anopheles albimanus. Seawright, J A *J Econ Entomol* 66 (3): 613-617. Ref. June 1973

090246 421 J822
Seasonal & spatial distribution of Tinea fuscipunctella on poultry ranches. [Household pest]. Legner, E F *J Econ Entomol* 66 (3): 685-687. June 1973

090247 421 J822
Effectiveness of dichlorvos vapor against Xenopsylla cheopis in containerized cargo. [Plague vector]. Maddock, D R *J Econ Entomol* 66 (3): 689-691. June 1973

090248 421 J822
Cost & effectiveness of horn fly & face fly control programs in semi-isolated range herds in central Missouri. [Haematobia irritans, musca autumnalis, cattle, pests]. Ronald, N C *J Econ Entomol* 66 (3): 693-696. June 1973

090249 421 J822
Larvicidal activities of N,N'-dialkylalkylenediamines & other fatty diamines in oil films & water dispersions. [Anopheles albimanus, culex pipiens quinquefasciatus, aedes aegypti]. Cline, R E *J Econ Entomol* 66 (3): 697-702. Ref. June 1973

090250 421 J822
Cattle biting louse: evaluation of compounds for juvenile hormone activity. 2. Hormonal & toxic effects. [Bovicola bovis]. Chamberlain, W F *J Econ Entomol* 66 (3): 703-706. June 1973

090251 421 J822
Determination of juvenile hormone-active compound altosid & its stability in stable fly medium. [Stomoxys calcitrans]. Wright, J E *J Econ Entomol* 66 (3): 707-709. June 1973

090252 421 J822
Effect of stable flies on feed intake & milk production of dairy cows. [Stomoxys calcitrans]. Miller, R W *J Econ Entomol* 66 (3): 711-713. Ref. June 1973

090253 421 J822
Imported fire ants: eradication trials with mirex bait. [Solenopsis]. Banks, W A *J Econ Entomol* 66 (3): 785-789. Map. Ref. June 1973

090254 421 J822
Artificial housing for yellowjacket colonies. [Vespula]. Akre, R D *J Econ Entomol* 66 (3): 803-805. June 1973

090255 449.8 J82
Macquarie island: introduction of European rabbit flea Spilopsyllus cuniculi (Dale) as a possible vector for myxomatosis. Sobey, W R *J Hyg* 71 (2): 299-308. Ref. June 1973

090256 421 J826
A virus disease in Anopheles quadrimaculatus. Anthony, D W *J Invertebrate Pathol* 22 (1): 1-5. Ref. July 1973

090257 421 J826
A new cytoplasmic polyhedrosis virus from chironimids collected in Florida. [Insect pests, man]. Federici, B A *J Invertebrate Pathol* 22 (1): 136-138. July 1973

090258 421 J826
Effect of Aspergillus flavus mycotoxin on Culex mosquito larvae. Toscano, N C *J Invertebrate Pathol* 22 (1): 55-59. Ref. July 1973

090259 421 J826
Larval mortality of Culex tarsalis & Aedes aegypti when reared with different concentrations of Tetrahymena pyriformis. Grassmick, R A *J Invertebrate Pathol* 22 (1): 86-93. Ref. July 1973

090260 448.8 J824
Autogeny in soft ticks of genus Ornithodoros (Acari: Argasidae). Feldman-Muhsam, B *J Parasitol* 59 (3): 536-539. June 1973

090261 448.8 J824
Subgenus Persicargas (Ixodoidea: Argasidae) Argas). 17. a neurohemal organ in Agras (Persicargas) arboreus Kaiser, Hoogstraal, & Kohls. Roshdy, M A *J Parasitol* 59 (3): 540-544. Ref. June 1973

090262 448.8 J824
Comparative fine structure of claw sensilla of a soft tick, Argas (Persicargas) Arboreus Kaiser, Hoogstraal, & Kohls, & a hard tick, Amblyomma americanum (L.). Axtell, R C *J Parasitol* 59 (3): 545-555. Ref. June 1973

090263 448.8 J824
Haemaphysalis (Kaiseriana) celebensis Hoogstraal, Trapido, & Kohls (Ixodoidea: Ixodidae), a Wallacean member of Hystricis group: identity, distribution, hosts, & ecology. Hoogstraal, H *J Parasitol* 59 (3): 556-562. June 1973

090264 448.8 J824
Notes on African Haemaphysalis ticks. XI. Haemaphysalis (Rhipistoma) punctaleachi sp. n., a parasite of West African forest carnivores (Ixodoidea: Ixodidae). Camicas, J L *J Parasitol* 59 (3): 563-568. June 1973

090265 448.8 J824
Haemaphysalis (Kaiseriana) mageshimaensis sp. n. (Ixodoidea: Ixodidae), a japanese deer parasite with bisexual & parthenogenetic reproduction. Saito, Y *J Parasitol* 59 (3): 569-578. June 1973

090266 410.9 L84P
Factors influencing breeding of rabbit flea (Spilopsyllus cuniculi): A springtime accelerator & a kairomone in nestling rabbit urine, with notes on Cediopsylla simplex, another 'hormone bound' species. Rothschild, M *J Zool* 170 (1): 87-137. Ref. May 1973

090267 41.8 M463
Control of cattle gadfly & external parasites of domestic animals in light of investigations on insecticides produced in Poland. (Pol) Patyk, S *Med Wet* 29 (4): 200-203. Apr 1973

090268 100 M69MI
Fungi pathogenic to imported fire ants. [Solenopsis, biological control, Beauveria bassiana, Metarrhizium]. Sikorowski, P P *MAFES Res Highlights (miss Agric For Exp Stn)* 36 (6): 5. June 1973

090269 TS1950.M42
Air curtains for fly control an experimental study. Frazerhurst, L F *MIRINZ Meat Indus Res Inst N Z* 302, 5 P. Mar 22, 1973

090270 SB922.N4N42
Ants. 6th ed. [Formicides, insect pests]. *N S W Dep Agric Entomol Branch Insect Pest Bull* Ip46, 1-6. 1972

090271 410.9 N21
Ecological research, controlling mosquitoes & protection of nature. (Fre) Pautou, G *Natur Belg* 54 (3): 105-115. Map. Mar 1973

090272 SF481.P64
Get rid of ectoparasites of poultry. [Insects, ticks, mites]. Srivastata, B P *Poult Guide* 10 (3): 34-39. Mar 1973

090273 41.8 P882
Control of feather mite Megninia columbae Buchholz, 1869 of pigeons with Dietreen. (Ger) Lucas, H *Prakt Tierarzt* 54 (7): 294-297. July 1, 1973

090274 14 P944
Venom of worker bees. [Apis melifera]. (Fre) Peetermans, M *Propr Terrienne* 26 (305): 168-169. May 1973

090275 SB950.A1P3
Aerial spraying trials in West Africa for blackfly control. [Simulium damnosum]. Lee, C W *PAns Pest Artic News Summ* 19 (2): 190-192. June 1973

090276 100 N27N
Hormones for fly control. [Stomoxys calcitrans]. Campbell, J B *Q Serv Farm Ranch & Home Univ Nebr, Coll Agric* 22 (2): 23. Summer 1973

090277 448.8 R32
Two bug pests of bats occurring in Mexico. [Cimex pilosellus, Hesperoctenes fumarius]. (Spa) Hoffmann, A *Rev Latinoamer Microbiol* 14 (3): 191-195. Ref. Eng. Sum. July/Sept 1972

090278 103 R74GA
Resistance to insecticides in SKA strain of houseflies. Sawicki, R M *Rothamsted Exp Sta Rep* 2: 168-181. Ref. 1972 (Pub. 1973)

090279 S544.3.N4S5
Controlling flies on pasture. [callee]. Matthysse, J G *Schoharie Cty Coop Ext News* 58 (8): 7. June 1973

090280 420 EG9
Biology of brown dog tick Rhipicephalus s. sanguineus. Nassar, M S *Soc Entomol Egypte Bull* 55: 409-418. 1971 (pub. 1972)

090281 442.9 SO1
Relationships of Anopheles A group arboviruses. Calisher, C H *Soc Exp Biol Med Proc* 143 (2): 465-468. Ref. June 1973

090282 41.8 SO82
Allergic flea dermatitis. [Dogs]. Quick, C B *Southwest Vet* 26 (2): 119-122. Winter 1973

090283 SF601.S8
Babesia major story. [Haemaphysalia punctata, cattle]. Brocklesby, D W *State Vet J* 27 (81): 210-215. Sept 1972

090284 SF601.T7
Some observations on feeding behaviour of tick Rhipicephalus appendiculatus (Neumann, 1901) on cattle & rabbits in laboratory. Irvin, A D *Trop Anim Health & Prod* 5 (2): 87-97. Ref. May 1973

090285 SB111.A2T72
Acquired & inherited resistance of cattle against infections with ticks. (Ger) Horst, S *Tropenlandwirt* 74: 17-34. Ref. Eng. Sum. Apr 1973

090286 420 UT1
A preliminary study of comparative salinity tolerances of Aedes melanimon Dyar & Aedes nigromaculis (Ludlow) (Diptera: Culicidae) under laboratory conditions. Rosay, B *Utah Mosquito Abatement Ass Proc* 25Th: 45-47. Apr 27, 1973

090287 41.8 J93
Biology of Dicrocoelium lanceolatum (Rudolphi 1803) in some mountainous & flat areas in Serbia. II. [Formica pratensis]. (Cro) Vujic, B *Vet Glas* 26 (11): 827-833. Ref. Eng. Sum. 1972

090288 41.8 M69
Control of cattle grubs in horses. [Hypoderma]. Scharff, D K *Vet Med/small Anim Clin* 68 (7): 791-792. July 1973

090289 41.8 V641
Demodex Spp. in meibomian glands of Irish cattle. Baker, K P *Vet Rec* 92 (26): 699-700. June 30, 1973

090290 41.8 V6494
Examination of ants second intermediary hosts of Dicrocoelium lanceatum in Bosnia & Hercegovina. I. (Cro) Jonlija, R *Veterinaria (Sarajevo)* 21 (3): 317-322. Eng. Sum. 1972

090291 449.9 W892B
Chemosterilization of tropical house mosquito culex pipiens fatigans Wied.: laboratory & field cage studies. [Biological control]. Sharma, V P *World Health Organ Bull* 48 (1): 45-48. 1973

090292 449.8 Z36
Nasal bot fly, Rhinoestrus hippopotami Grunberg of hippopotamus (Diptera, Oestridae). (Ger) Wetzel, H *Z Angew Zool* 60 (1): 5-14. Eng. Sum. 1973

090293 449.8 Z36
Tick control by malathion. [Ixodes ricinus]. (Ger) Radda, A *Z Angew Zool* 60 (1): 71-75. Eng. Sum. 1973

090294 449.8 Z36
Toxic action of some antibiotics & their inactivation in Ornithodoros moubata ticks injected into hemocoelom. [Rabbit]. Becla, E *Z Angew Zool* 60 (1): 95-100. 1973

090295 448.8 Z37
Investigations on repellent effect of vitamin B1. [Culex pipines fatigans, Anophlees gambiae]. (Ger) Maasch, H J *Z Tropenmed Parasitol* 24 (1): 119-122. Ref. Eng. Sum. Mar 1973

090296 448.8 Z37
Inheritance of susceptibility for infection with Dirofilaris immitis in Culex pipiens fatigans & Aedes aegypti. (Ger) Zielke, E *Z Tropenmed Parasitol* 24 (1): 36-44. Ref. Eng. Sum. Mar 1973

090297 448.8 Z37
Attempted transmission of Theileria gorgonis, Brocklesby & Vidler 1961, from blue wildebeest (Connochaetes taurinus) to cattle. [Rhipicephalus appendic Purnell, R E *Z Tropenmed Parasitol* 24 (2): 181-185. Ref. June 1973

090298 448.8 Z37
Experimental studies on quantitative aspects of transmission of Dirofilaria immitis by mosquitoes. (Ger) Zielke, E *Z Tropenmed Parasitol* 24 (2): 214-221. Eng. Sum. June 1973

090299 448.8 Z37
On distribution of Simulium damnosum in Liberia. (Ger) Garms, R *Z Tropenmed Parasitol* 24 (2): 222-223. Map. Ref. Eng. Sum. June 1973

090300 448.8 Z37
Hydrochemical living conditions of immature stages of Boophthora erythrocephala De Geer (Diptera, Simuliidae). 2. Development of a technique for rearing under experimental conditions. (Ger) Grunewald, J *Z Tropenmed Parasitol* 24 (2): 232-249. Ref. Eng. Sum. June 1973

090301 448.3 C33 (1)
Tick-borne encephalitis virus (TBE) in German Democratic Republic. (Ger) Sinnecker, R *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt I Orig* 223 (4): 436-440. Ref. Eng. Sum. May 1973

090302 41.8 Z72
An interesting discovery of parasites in monkeys in Italy imported for laboratory research. [Mites]. (Ita) Testi, B *Zooprofilassi* 27 (9/10): 353-369. Sept/Oct 1972

PESTICIDES — GENERAL

090303 238 AM33A
Efforts to increase pesticide label-reading. Salcedo, R N *Ace (Amer Ass Agr Coll Editors)* 56 (1): 16-26. Ref. Jan/Mar 1973

090304 79.9 AG8
Function of pesticides residue laboratory. Thorburn, T *Agric Pestic Tech Soc Proc* 19Th: 21-23. 1972

090305 79.9 AG8
Wildlife profession & biocides, a position & a plea. Dodds, D G *Agric Pestic Tech Soc Proc* 19Th: 29-36. Ref. 1972

090306 79.9 AG8
Pesticides & public health. Swackhamer, A B *Agric Pestic Tech Soc Proc* 19Th: 37-39. 1972

090307 16 AG8226
Certificate for qualifications in use of pesticides. (Ita) Stupazzoni, G *Agricoltura* 22 (3): 29-32. Mar 1973

090308 SF521.A4
Thin-layer chromatography proof of plant protection materials in poisoned bees. (Ger) Kaufmann, I *Allg Dtsch Imkerztg* 6 (10): 250-254. Oct 1972

090309 80 AR13
Arsenic & old quarrels. [Apples, pesticide residues]. (Fre) Masteau, P *Arboricult Fruitiere* 230: 10-11. Apr 1973

090310 RC963.A1A7
Dieldrin storage of obese, normal, & semistarved rats. Zabik, M E *Arch Environ Health* 27 (1): 25-30. Ref. July 1973

090311 SB950.A1B6
Methyl bromide residues in almonds, hazel-nuts, peanuts, copra, nuts, garlic, beans & citrus skin in 1971 national plant sanitation campaign. (Spa) Merck-Luengo, J G *Bol Inf Plagas* 100: 29-80. Ref. Dec 1972

090312 QH540.S7
A system for evaluating effects of pesticides on soil microbial activity. Anderson, J R *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 470-472. Ref. 1973

090313 442.9 C16J
Effects of cooking on concentrations of PCB & DDT compounds in Chinook (Oncorhynchus tshawytscha) & Coho (Oncorhynchus kisutch) salmon from Lake Michigan. Smith, W E *Can Fish Res Bd J* 30 (5): 702-706. Ref. May 1973

090314 41.8 C162
Levels of DDT & polychlorinated biphenyl compounds in North Atlantic finback whales. Saschenbrecker, P W *Can J Comp Med* 37 (2): 203-206. Ref. Apr 1973

090315 450 C16
Effects of Mocap, N-Serve, Telone, & Vorlex at two temperatures on populations & activities of microorganisms in soil. Tu, C M *Can J Plant Sci* 53 (2): 401-405. Apr 1973

090316 384 C4283
Development & uses of plant protection & pest control agents with respect to protection of environment. (Ger) Kramer, W *Chem Tech (berlin)* 25 (7): 420-422. July 1973

090317 80 C852
Insecticide toxicity to honey bees. Johansen, C *Cranberries* 38 (1): 4. May 1973

090318 423.9 EN8
Influence of pesticide regulation on research, marketing & use of turfgrass pesticides. Bangs, R T *Entomol Soc Amer Bull* 19 (2): 95-97. June 1973

090319 423.9 EN8
Role of USDA in developing new chemical pesticides. Klassen, W *Entomol Soc Amer Bull* 19 (2): 98-99. June 1973

090320 SB931.A1E5
Parathion residues in tomato plants grown in treated soils under controlled conditions. Nassif, F M *Entomol Soc Egypt Bull Econ Ser* 6: 31-35. Ref. 1972

090321 SB931.A1E5
Effect of certain fertilizers on metabolism of Di-syston in clay soil. El-Rafie, M S *Entomol Soc Egypt Bull Econ Ser* 6: 83-91. 1972

090322 TD172.E52
Dispersion & transport of rhodamine B dye & methoxychlor in running water: a preliminary study. Wallace, R R *Environ Pollut* 5 (1): 11-18. Ref. July 1973

090323 105.8 G36E
Developments in application of plant protection materials & growth substances as well as in foliar fertilizing. (Ger) Behlen, W *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 67-75. Ref. 1972

090324 HG41.F5
Pesticides & requirements of institutional finance. Vevai, E J *Financ Agric* 4 (4): 39-41. Jan 1973

090325 389.9 N57
On translocation of soil residual organochlorine pesticides into vegetables. (Jap) Suzuki, M *Food Hyg Soc Jap J* 14 (2): 160-167. Ref. Eng. Sum. Apr 1973

090326 80 G1938
Our chemical environment. [Pesticides]. (Nor) Barstad, J *Gartneryrket* 63 (18): 364-366. May 4, 1973

090327 TX1.H63
Pesticide residue levels in cooked rice & noodles. Funk, K *Home Econ Res J* 1 (1): 44-48. Ref. Sept 1972

090328 QP141.A1H7
Organochlorine insecticides as a criterion of hygienic appropriateness, origin & method of lard production. [Food contamination]. (Cro) Adamovic, V M *Hrana Ishrana* 13 (11/12): 561-570. Eng. Sum. Nov/Dec 1972

090329 QP141.A1H7
Rules on maximum allowed quantities of pesticides in food articles & pesticides problems to be solved. (Cro) Visacki, V *Hrana Ishrana* 13 (11/12): 571-573. Eng. Sum. Nov/Dec 1972

090330 SB614.H9
Current pesticide legislation. Clark, R P *Hyacinth Control J* 11: 4-5. June 1973

090331 SB614.H9
Pesticides in aquatic environment, 1972. Schouboe, P J *Hyacinth Control J* 11: 7-9. June 1973

090332 SB215.I5
General review of problems of pesticide residues. Oldfield, J F T *I I R B J (Int Inst Sugar Beet Res)* 6 (1): 15-18. 1972

090333 GF3.I37 1971
Effects of insecticides. [Environment]. Wurster, C F *In International Conference on Environmental Future, 1St, J Yvaskyla, Finland, 1971. The Environmental Future* P. 294-331. Ref. 1971

090334 SB951.V35
Agricultural formulations with liquid fertilizers. [Pesticides]. Lindner, P *In Van Valkenburg, Wade, ed. Pesticide Formulations* P. 113-141. Ref. 1973

090335 SB951.V35
Formulations of pesticidal dusts, wettable powders & granules. Polon, J A *In Van Valkenburg, Wade, ed. Pesticide Formulations* P. 143-234. Ref. 1973

090336 SB951.V35
Plant for formulations of insecticides. Vine, J F *In Van Valkenburg, Wade, ed. Pesticide Formulations* P. 235-275. 1973

090337 SB951.V35
Reducing pesticide chemical drift. Yates, W E *In Van Valkenburg, Wade, ed. Pesticide Formulations* P. 275-341. Ref. 1973

090338 SB951.V35
Spreading & retention of agricultural sprays on foilage. [Pesticides]. Johnstone, D R *In Van Valkenburg, Wade, ed. Pesticide Formulations* P. 343-386. Ref. 1973

090339 SB951.V35
Adsorption, movement, and distribution of pesticides in soils. Freed, V H *In Van Valkenburg, Wade, ed. Pesticide Formulations* P. 441-459. Ref. 1973

090340 22 AG83I
Persistence of disyston residues in soil & plant. [Atherigona varia-soccata, control, sorghum]. Singh, K *Indian J Agr Sci* 42 (12): 1135-1138. Dec 1972

090341 381 J8223
P-value approach to quantitative liquid-liquid extraction of pesticides & herbicides from water. 3. Liquid-liquid extraction of phenoxy acid herbicides from water. Suffet, I H *J Agr Food Chem* 21 (4): 591-598. Ref. July/Aug 1973

090342 381 J8223
Total toxic aldicarb residues in weeds, grasses, and wildlife from the Texas high plains following a soil treatment with the insecticide. Woodham, D W *J Agr Food Chem* 21 (4): 604-607. July/Aug 1973

090343 381 J8223
Mercury & methylmercury content of agricultural crops grown on soils treated with various mercury compounds. Bache, C A *J Agr Food Chem* 21 (4): 607-613. Ref. July/Aug 1973

090344 381 J8223
Retention of mercury in tissues of cattle & sheep given oral doses of a mercurial fungicide, Ceresan M. Wright, F C *J Agr Food Chem* 21 (4): 614-615. July/Aug 1973

090345 381 J8223
Reaction gas chromatographic analysis of pesticides. II. On-column transesterification of organophosphates by methanol. Moye, H A *J Agr Food Chem* 21 (4): 621-625. Ref. July/Aug 1973

090346 381 J8223
Human exposure to organophosphorus pesticides; A modified procedure for gas-liquid chromatographic analysis of alkyl phosphate metabolites in urine. Shafik, T *J Agr Food Chem* 21 (4): 625-629. July-/Aug 1973

090347 381 J8223
Radioisotope residues & residues of dichlorvos & its metabolites in pregnant sows & their progeny dosed with dichlorvos-14C [chloride] or dichlorvos-36Cl [chloride] formulated as PVC [po Potter, J C *J Agr Food Chem* 21 (4): 734-738. Ref. July/Aug 1973

090348 381 J8223
Feeding studies with ethephon growth regulator in dairy cow. [S-chloroethylphosphonic acid, residues]. Gutenmann, W H *J Agr Food Chem* 21 (4): 742-743. July/Aug 1973

090349 421 J822
Chlorpyrifos, its oxygen analogue, & 3,5,6-trichloro-2-pyridinol: residues in body tissues of turkeys confined in pens on treated soil. [Neoschongastia americana, control]. Mann, H D *J Econ Entomol* 66 (3): 715-717. June 1973

090350 421 J822
Chlorphoxim residues: their persistence in coastal bermudagrass. [Cynodon dactylon]. Leuck, D B *J Econ Entomol* 66 (3): 798-799. Ref. June 1973

090351 421 J822
Phosphine residues on soybeans fumigated with aluminum phosphide. [Oulema melanopus, control]. Vardell, H H *J Econ Entomol* 66 (3): 800-801. June 1973

090352 421 J822
Phorate & aldicarb: effects of systemic fungicides on their levels in soybeans. Krueger, H R *J Econ Entomol* 66 (3): 815-816. June 1973

090353 QD605.J65
Isotopic dilution determination of lebaycid in oranges. Angoso, M *J Radioanal Chem* 13 (1): 149-154. Jan 1973

090354 QE1.U5
Tests of rhodamine WT dye for toxicity to oysters & fish. Parker, G G *J Res U S Geol Surv* 1 (4): 499. July/Aug 1973

090355 SF601.J6
A review of pesticide residues in commercial zoo feeds. Kisling, V N *J Zoo Anim Med* 4 (1): 19-21. Mar 1973

090356 S19.J3
Decomposition of pesticides by soil microorganisms. Special emphasis on flooded soil condition. Watanabe, I *JArq (j Agr Res Quart)* 7 (1): 15-18. Ref. 1973

090357 41.8 M463
Residue of polychloric insecticides in fat of chickens broiler derived from five different countries. (Pol) Juszkiewicz, T *Med Wet* 29 (4): 229-231. Ref. Eng. Sum. Apr 1973

090358 275.29 M58B
Pesticides manual: classification, toxicities, formulation, handling, application. Cress, D *Mich State Univ Ext Bull* 751, 23 P. Nov 1972

090359 16 M583
Investigation on residues of dimethoate in pastures, meat & bovine fat. (Spa) Santa Maria, H C *Milan Ist Ric Agr Contrib* 11: 5-20. Ref. Eng. Sum. 1970/1971 (Pub. Dec. 1972)

090360 298.8 M622
Pesticide & mercury residues in wheat. Hart, H V *Milling* 155 (4): 38, 40. Apr 1973

090361 S19.M6
Toxic chemicals as friends & foes. [Pesticides]. Pavlov, A *Mod Agric* 3 (1): 44. Jan/Feb 1972

090362 389.8 N142
Statements concerning occurrence of organochlorine pesticides in school meals in German Democratic Republic. (Ger) Thurm, V *Nahrung* 17 (2): 125-131. Eng. Sum. 1973

090363 389.8 N142
On necessity & possiblilites of toxicoligical-chemical control of contaminated foods. Proposal of a control system. (Ger) Thurm, V *Nahrung* 17 (2): 133-138. Eng. Sum. 1973

090364 389.8 N142
On necessity & possiblilites of toxicological-chemical control of contaminated foods. II. Results from determinations performed in framework of previously described control system. (Ger) Thurm, V *Nahrung* 17 (2): 139-145. Ref. Eng. Sum. 1973

090365 389.8 N142
Determination of pesticide residues in bee honey. I. Semiquantitative thin-layer chromatographic determination of insecticide residues in bee honey. (Ger) Muller, B *Nahrung* 17 (3): 381-386. Ref. Eng. Sum. 1973

090366 410 OI4
Transport, distribution, & degradation of chlorinated hydrocarbon residues in aquatic model ecosystems [Chlorella pyrenoidosa]. Sodergren, A *Oikos* 24 (1): 30-41. Ref. 1973

090367 7 ON8P
1973 ontario mushroom pesticide recommendations. *Ont Dep Agr Food Publ* 367, 4 P. 1973

090368 SB401.A1P4
Chemicals registered for use on pecans. Price, J *Pecan Quart* 7 (2): 22-25. May 1973

090369 56.8 P343
A preliminary study of effects of high levels of inorganic lead on soil fauna. Williamson, P *Pedobiologia* 13 (1): 16-21. 1973

090370 SB951.P47
Studies on persistence of organotin fungicide fentin acetate (Triphenyltin acetate) in soil & on surfaces exposed to light. Barnes, R D *Pestic Sci* 4 (3): 305-317. Ref. June 1973

090371 SB951.P47
Gas chromatographic method for residue analysis of soil exposed to fenazaflor. [Acaricides]. Whiteoak, R J *Pestic Sci* 4 (3): 319-325. June 1973

090372 SB951.P47
Mercury & organochlorine residue analysis of fish & aquatic mammals. Holden, A V *Pestic Sci* 4 (3): 399-408. Ref. June 1973

090373 SB951.P47
Determination of residues arising from fumigation practice. Heuser, S G B *Pestic Sci* 4 (3): 409-416. Ref. June 1973

090374 SB951.P47
Organophosphorus & carbamate detection system. Ruizicka, J H A *Pestic Sci* 4 (3): 417-423. Ref. June 1973

090375 SB951.P47
Isolation & possible significance of some toxic mammalian metabolites of diazinon. Machin, A F *Pestic Sci* 4 (3): 425-430. Ref. June 1973

090376 SB951.P47
Toxicity of thiabendazole, benomyl, methyl benzimidazol-2-yl carbamate & thiophanate-methyl to earthworm, Lumbricus terrestris. Wright, M A *Pestic Sci* 4 (3): 431-432. June 1973

090377 464.9 P482
Recurrent pesticide residues in food. (Ger) Beran, F *Pflanzenarzt* 26 (4): 36-38. Apr 1973

090378 450 P696
Effect of atrazine in combination with captan or thiram upon fungal & bacterial populations in soil. Houseworth, L D *Plant Soil* 38 (3): 493-500. Ref. June 1973

090379 81 W524
Changing requirements in federal regulations of pesticides. Alford, H G *Proc Annu Conv Natl Peach Counc* 32D: 48-52. 1973

090380 100 N81R
Residue levels should drop on leaf products. [Tobacco]. Byrd, T *Res Farming (n C Sta)* 30 (1/4): 17. Summer 1972/Spring 1973

090381 T1.R42
A rapid clean-up procedure for isolation of chlorinated pesticides in milk, fats & oils. Mukherjee, G *Res Ind* 17 (3): 101-102. Sept 1972

090382 423.92 SO8
Insecticides, their hazard & control. Wiese, I H *S Afr Dep Agr Tech Serv Entomol Mem* 30, 13 P. Ref. 1973

090383 470 SCI2
Methylmercury poisoning in Iraq. Bakir, F *Science* 181 (4096): 230-241. Map. July 20, 1973

090384 286.89 T552
Insecticide residues on 1971 U.S. tobacco products. Domanski, J J *Tobacco (new York)* 175 (12): 39-40. June 8, 1973

090385 385 T573B
Chlorinated hydrocarbon pesticide residues in feed. (Jap) Kawahara, T *Tokyo Agr Chem Insp Sta Bull* 12: 100. Eng. Sum. Oct 1972

090386 385 T573B
Chlorinated hydrocarbon pesticide residues in rice straw, paddy soil & Italian-grass soil. [Lolium multiflorum]. (Jap) Kawahara, T *Tokyo Agr Chem Insp Sta Bull* 12: 101-102. Eng. Sum. Oct 1972

090387 385 T573B
Lead residues in unpolished rice, polished rice, straw & paddy soil. (Jap) Watanabe, T *Tokyo Agr Chem Insp Sta Bull* 12: 103-104. Eng. Sum. Oct 1972

090388 385 T573B
Application of densitometry to simple determination of pesticides by thin-layer chromatography. (Jap) Watanabe, S *Tokyo Agr Chem Insp Sta Bull* 12: 19-22. Eng. Sum. Oct 1972

090389 385 T573B
BHC [Benzene hexachloride] in milk. [Feed, cows]. (Jap) Kawahara, T *Tokyo Agr Chem Insp Sta Bull* 12: 23-27. Eng. Sum. Oct 1972

090390 385 T573B
Removal of interfering substances in Welsh onion in determination of heptachlor. [Insecticide residues]. (Jap) Kawahar, T *Tokyo Agr Chem Insp Sta Bull* 12: 28-30. Oct 1972

090391 385 T573B
Absorption of BHC [Benzene hexachloride] by rice. (Jap) Kawahara, T *Tokyo Agr Chem Insp Sta Bull* 12: 31-34. Eng. Sum. Oct 1972

090392 385 T573B
Degradation & isomerization of BHC [Benzene hexachloride] by heating. (Jap) Kawahara, T *Tokyo Agr Chem Insp Sta Bull* 12: 35-37. Eng. Sum. Oct 1972

090393 385 T573B
Relation between size of grinded rice & extraction efficiency of BHC [Benzene hexachloride]. (Jap) Kawahara, T *Tokyo Agr Chem Insp Sta Bull* 12: 38-41. Eng. Sum. Oct 1972

090394 385 T573B
BHC [Benzene hexachloride, rice] in soil of paddy field. (Jap) Kawahara, T *Tokyo Agr Chem Insp Sta Bull* 12: 42-45. Eng. Sum. Oct 1972

090395 385 T573B
Disappearance of BHC [Benzene hexachloride] on Petridish in room. (Jap) Kawahara, T *Tokyo Agr Chem Insp Sta Bull* 12: 46-48. Eng. Sum. Oct 1972

090396 385 T573B
Disappearance of BHC [Benzene hexachloride] isomers in water. (Jap) Kawahara, T *Tokyo Agr Chem Insp Sta Bull* 12: 49-51. Eng. Sum. Oct 1972

090397 385 T573B
Absorption of chlorinated hydrocarbons by turnip planted in pot, & their translocation in plant. (Jap) Kawahara, T *Tokyo Agr Chem Insp Sta Bull* 12: 52-56. Eng. Sum. Oct 1972

090398 385 T573B
Analytical method of several carbamate pesticide residues by oscillographic polarography. (Jap) Watanabe, T *Tokyo Agr Chem Insp Sta Bull* 12: 57-62. Eng. Sum. Oct 1972

090399 385 T573B
Studies on residue analysis of carbamate insecticides. 3. Gas chromatographic determination of NAC(carbaryl) in tomato, cucumber, lettuce & unpolished rice. (Jap) Ishii, Y *Tokyo Agr Chem Insp Sta Bull* 12: 63-70. Ref. Eng. Sum. Oct 1972

090400 385 T573B
Toxicities of pesticides to some fresh water snails. (Jap) Nishiuchi, Y *Tokyo Agr Chem Insp Sta Bull* 12: 86-92. Oct 1972

090401 80 V662
Orchardist & environment. [Pesticides]. Flentje, W M *Victorian Hort Dig* 17 (1): 10-11. 1973

090402 80 V662
Orchard sprays & grazing stock. Keatley, J *Victorian Hort Dig* 17 (1): 4-6. 1973

090403 293.8 SE8
Organics. [Pesticides, water pollution]. Minear, R A *Water Pollut Contr Fed J* 45 (6): 995-1018. Ref. June 1973

090404 41.8 T345
Studies on mercury residues in fishes from water-bodies in Tirol. (Ger) Krocza, W *Wien Tierarztl Monatsschr* 60 (5): 161-170. Ref. Eng. Sum. May 1973

090405 384 Z3
Adsorption of traces of insecticides from water on polyethylene. (Ger) Beyermann, K *Z Anal Chem* 265 (1): 1-4. Eng. Sum. 1973

090406 384 Z3
Chromatographic determination of traces of insecticides in air samples. (Ger) Beyermann, K *Z Anal Chem* 265 (1): 4-7. Eng. Sum. 1973

090407 384 Z39
Residue analysis of chlorinated pesticides & polychlorinated biphenyls (PCB) in fish & waters of upper Rhine River & Lake Constance. (Ger) Eichner, M *Z Lebensmittel-untersuchung -Forsch* 151 (6): 376-383. Ref. Eng. Sum. 1973

GENERAL ENTOMOLOGY

090408 512 W262
Changes in metabolic rate of starved Lycosidae spiders. Myrcha, A *Acad Polon Sci Bull Ser Sci Biol* 21 (3): 209-213. 1973

090409 512 W262
Species deversity, stability & succession. Studies on weevils (Curculionidae. Coleoptera) & their host plants during succession of mowed meadows under influence of draining. Witkowski, Z *Acad Polon Sci Bull Ser Sci Biol* 21 (3): 223-228. Ref. 1973

090410 512 W262
Patterns of Carabus arcensis Hbst. distribution within different habitats. Grum, L *Acad Polon Sci Bull Ser Sci Biol* 21 (3): 229-233. 1973

090411 512 W262
Ways in which bacteria Achromobacter nematophilus poinar & thomas penetrate into body cavity of test insects. Sandner, H *Acad Polon Sci Bull Ser Sci Biol* 21 (3): 245-247. 1973

090412 505 P21 (3)
Study of pars stridens of Locusta migratoria cinerascens (Fab.) under different experimental conditions. (Fre) Fuzeau-Braesch, S *Acad Sci (paris) C R Ser D* 276 (15): 2273-2276. Ref. Apr 9, 1973

090413 505 P21 (3)
Ultrastructural localization of an acid phosphatic activity in spermatids & spermatozoids of Drosophila melanogaster. (Fre) Beaulaton, J *Acad Sci (paris) C R Ser D* 276 (15): 2277-2280. Ref. Apr 9, 1973

090414 505 P21 (3)
Action of synthesis hormones (ecdysterone & juvenile hormone) on larvae of Bathysciinae (cavernicolous Coleoptera). [Speophyes lucidulus, Troglodromus bucheti gaveti]. (Fre) Deleurance, S *Acad Sci (paris) C R Ser D* 276 (15): 2301-2303. Apr 9, 1973

090415 505 P21 (3)
Proof of a symbiotic intracytoplasmic microorganism of Oniscoidea Armadillidium vulgare Latr. Whose presence accompanies intersexuality or total feminization of genetic males of thelygenic l (Fre) Martin, G *Acad Sci (paris) C R Ser D* 276 (15): 2313-2316. Apr 9, 1973

090416 505 P21 (3)
Action of overpopulation on reproduction of Psylla pyri L. (Insecta, Homoptera, Psyllidae). (Fre) Nguyen Thanh Xuan, *Acad Sci (paris) C R Ser D* 276 (16): 2389-2390. Apr 16, 1973

090417 505 P21 (3)
Experimental demonstration of autodifferentiation capacities of hypoderma in embryonic feet of phasma Carausius. (Fre) Fournier, B *Acad Sci (paris) C R Ser D* 276 (16): 2395-2398. Apr 16, 1973

090418 505 P21 (3)
Modifications provoked by X rays on ponderal development & water content of Ceratitis capitata during intrapuparial life. (Fre) Lemaitre, C *Acad Sci (paris) C R Ser D* 276 (16): 2419-2422. Apr 16, 1973

090419 505 P21 (3)
Development in Culex pipiens of Saurocytozoon tupinambi (Sporozoa, Leucocytozoidae), a parasite of Brazilian lizards. (Fre) Landau, I *Acad Sci (paris) C R Ser D* 276 (17): 2449-2452. Apr 25, 1973

090420 505 P21 (3)
Proof of progressive disappearnce, following a cold treat ment, of early stages of Phanerotoma flavitestacea Fischer (Hymenoptera Braconidae) inside egg of host, Anagasta kuhniella Zeller (Lepidoptera Phyc (Fre) Ferran, M A *Acad Sci (paris) C R Ser D* 276 (17): 2465-2467. Apr 25, 1973

090421 505 P21 (3)
Proof & study of action of a mycotoxin, beauvericine, on cells of insects cultivated in vitro.]Leucophaea maderae]. (Fre) Vey, M A *Acad Sci (paris) C R Ser D* 276 (17): 2489-2492. Ref. Apr 25, 1973

090422 505 P21 (3)
Preliminary data on fine structure of epigastric glands & silk glands in Pholcus phalangiodes (Fuessl.) (Araneae). (Fre) Lopez, A *Acad Sci (paris) C R Ser D* 276 (19): 2681-2684. May 9, 1973

090423 505 P21 (3)
Morphology & histology of defensive pygidial gland of Bledius spectabilis Kr. (Staphylinidae Oxytelinae). (Fre) Araujo, J *Acad Sci (paris) C R Ser D* 276 (19): 2713-2716. May 9, 1973

090424 442.8 AC86
Ultrastructural investigations of campaniform sensillae on trachael gill of Palingenia longicauda Oliv. (Ephemeroptera). Csoknya, M *Acta Biol (Szeged)* (New Ser.) 18 (1/4): 145-157. Ref. 1972

090425 442.8 AC86
Study of ant-populations in various grassland ecosystems. Galle, L *Acta Biol (Szeged)* (New Ser.) 18 (1/4): 159-164. 1972

090426 442.8 AC86
Special behavior of Formica rufa 1. (Hymenoptera). (Ger) Moczar, L *Acta Biol (Szeged)* (New Ser.) 18 (1/4): 181-183. 1972

090427 QH431.G44
Effects of intraspecific & interspecific larval competition on viability, developmental rate & chromosomal polymorphism in Drosophila pavani. Budnik, M *Acta Biol Iugosl Ser F Genet* 4 (2): 281-295. Ref. 1972

090428 420 C33
Anatomy & histology of corpora cardiaca in desert locust, Schistocerca gregaria Forsk. Divakar, B J *Acta Entomol Bohemoslov* 70 (3): 145-149. Ref. 1973

090429 420 C33
Embryonic development of Pyrrhocoris apterus (L.) (Heteroptera, Pyrrhocoridae). Matolin, S *Acta Entomol Bohemoslov* 70 (3): 150-156. Ref. 1973

090430 420 C33
Incorporation of radio-isotopes & DNA content in varies & fat body of Pyrrhocoris apterus (L.). Forejtova, M *Acta Entomol Bohemoslov* 70 (3): 157-161. Ref. 1973

090431 420 C33
Development of needle-shortening gall midge, Thecodiplosis brachyntera, on mountain pine, Pinus mugo subsp. mughus (Diptera, Cecidomyiidae). Skuhravy, V *Acta Entomol Bohemoslov* 70 (3): 162-167. 1973

090432 420 C33
Penetration, excretion & metabolism of DDT-14C in susceptible & resistant populations of Colorado potato beetle. Leptinotarsa decemlineata Say. Hanker, I *Acta Entomol Bohemoslov* 70 (3): 174-188. Ref. 1973

090433 420 C33
Dr. Leo Heyrovsky, chairman of Czechoslovak Entomological Society 80 years old. (Ger) Maran, J *Acta Entomol Bohemoslov* 70 (3): 217-219. Ref. 1973

090434 384 AC8
Mucopolysaccharide histochemistry of Musca domestica: vI. structure & development of chitin. Mustafa, M *Acta Histochem* 45 (2): 241-253. Ref. 1973

090435 384 AC8
Mucopolysaccharide histochemistry of Musca domestica: vII. brain. Mustafa, M *Acta Histochem* 45 (2): 254-269. Ref. 1973

090436 384 AC8
Histochemical & ultrastructural study of secretory products by neurosecretory perikaryions of pars cerebralis of wasp Polistes. (Fre) Strambi, A *Acta Histochem* 46 (1): 101-119. Ref. Eng. Sum. 1973

090437 444.8 AC8
Studies on mechanism of neuromuscular transmission in insects: effect of glutamic acid. [Carausius morosus]. Olszewska, E *Acta Physiol Polon* 24 (3): 417-421. Ref. May/June 1973

090438 41.8 AC87
Proteolytic & lipolytic enzymes from larvae of Oedemagena tarandi (L.). Aurstad, K *Acta Vet Scand* 14 (1): 168-175. Ref. 1973

090439 448.3 AC85
Susceptibility of Aedes albopictus mosquito cell line to some arboviruses. Danielova, V *Acta Virol* 17 (3): 249-252. Ref. May 1973

090440 448.3 AC85
Investigation of a virus disease of densonucleosis type in a laboratory culture of Aedes aegypti. Lebedeva, O P *Acta Virol* 17 (3): 253-256. May 1973

090441 410 AC85
On migration of Corixidae (Heteroptera) based on light trap data. Benedek, P *Acta Zool (budapest)* 19 (1/2): 1-9. Map. Ref. 1973

090442 421 AL2
Freezing of unflattened butterflies: Statement. (Fre) Houyez, P *Alexanor* 8 (1): 19. 1973

090443 421 AL2
How to send prepared insects without danger. (Fre) Bourgogne, J *Alexanor* 8 (1): 20-22. 1973

090444 421 AL2
Construction of an oven for drying insects. (Fre) Toufiet, P *Alexanor* 8 (1): 39-46. 1973

090445 436.8 AN4
Seventy-fifth birthday of Aleksandr Samojlovic Moncadskij . [Entomologists]. (Ger) Eichler, W *Angew Parasitol* 14 (2): 65-67. May 1973

090446 436.8 AN4
Physiological age of Aedes mosquitos. (Ger) Dix, V *Angew Parasitol* 14 (2): 76-82. Ref. Eng. Sum. May 1973

090447 410 B77
Predatory behaviour in ant-like wasp Methocha stygia (Say) (Hymenoptera: Tiphiidae). Wilson, E O *Anim Behav* 21 (Pt. 2): 292-295. Ref. May 1973

090448 410 B77
Burrow sharing & nest transfer in digger wasp Philanthus gibbosus (Fabricius). Evans, H E *Anim Behav* 21 (Pt. 2): 302-308. Ref. May 1973

090449 410 B77
Courtship processing in Drosophila melanogaster. I. Selection for receptivity to wingless males. Cook, R M *Anim Behav* 21 (Pt. 2): 338-348. Ref. May 1973

090450 410 B77
Courtship processing in Drosophila melanogaster. II. An adaptation to selection for receptivity to wingless males. Cook, R M *Anim Behav* 21 (Pt. 2): 349-358. Ref. May 1973

090451 410 B77
Development of mating propensity in two karyotypes of Drosophila persimilis. Yacher, T H *Anim Behav* 21 (Pt. 2): 359-370. Ref. May 1973

090452 QH91.A1A5
Polyvoltinism in Baetis rhodani Pictet (Insecta, Ephemeroptera) in a trout stream flowing from Pyrenees-Atlantiques, Lissuraga. (Fre) Benech, V *Ann Hydrobiol* 3 (2): 141-171. Ref. Eng. Sum. 1972

090453 QH91.A1A5
Introduction to faunistic study of Diptera in a stream from Pyrenees near Atlantic coast; Lissuraga. [Chironomidae, Simuliidae]. (Fre) Neveu, A *Ann Hydrobiol* 3 (2): 173-196. Ref. Eng. Sum. 1972

090454 389.8 AN73
Quantitative relations between food consumption & food utilization in adult males of Blattella germanica (L.). (Fre) Van Herrewege, C *Ann Nutr Aliment* 27 (1): 51-72. Ref. 1973

090455 436.8 AN7
Observations on Nephridiophaga forficulae (Leger, 1909) parasite of Malpighan tubes in Forficula auricularia L. (Fre) Ormieres, R *Ann Parasitol Hum Comp* 48 (1): 1-10. Ref. Eng. Sm. Jan/-Mar 1973

090456 436.8 AN7
Life cycle of Skriabionofilaria skriabini, a South-American marsupial filaria: Systematical position. [Culex pipiens]. (Fre) Bain, O *Ann Parasitol Hum Comp* 48 (1): 61-79. Ref. Eng. Sum. Jan/Mar 1973

090457 436.8 AN7
Larval development of Diplotriaena tridens (Nematoda: Filariodea) in Locusta migratoria. (Fre) Bain, O *Ann Parasitol Hum Comp* 48 (1): 81-89. Eng. Sum. Jan/Mar 1973

090458 448.9 L75A
Observations on behaviour of Anopheles gambiae sp. B in Kambole village in Zambesi valley, Zambia. Shelley, A J *Ann Trop Med Parasitol* 67 (2): 237-248. Ref. June 1973

090459 421 AN9
On body coloring of Porcellio scaber Latr. (Ger) Herfs, A *Anz Schadlingsk Pflanzenschutz* 46 (6): 83-86. Eng. Sum. June 1973

090460 SF521.A62
Forecast in apicultural research. Vesely, E *Apiacta* 7 (3): 107-109. 1972

090461 BEE SF521.A64
Distribution of flights of wild bees in some orchards near Paris from 1969 to 1970. [Andrena]. (Fre) Chandsigaud, J *Apidologie* 3 (3): 263-273. Eng. Sum. 1972

090462 BEE SF521.A64
Ecological role of Trigones (Trigonini) in savannah around Lamto, Ivory Coast. (Fre) Darchen, R *Apidologie* 3 (4): 341-367. Eng. Sum. 1972

090463 381 AR2
An electrophoretic analysis of histones of house cricket. [Acheta domesticus]. McMaster-Kaye, R *Arch Biochem Biophys* 156 (2): 426-436. Ref. June 1973

090464 500 AR44
Further investigations on respiratory metabolism of adult beet armyworms, Spodoptera exigua (Hubner) (Lepidoptera; Noctuidae). Chilton, B S *Ariz Acad Sci J* 7 (3): 139-142. Oct 1972

090465 442.8 AU72
Response to selection in synthetic lines of Drosophila melanogaster. Howe, R R *Australian J Biol Sci* 26 (3): 613-623. Ref. June 1973

090466 475 AU73
Hydrocarbon constituents of Argentine ant, Iridomyrmex humilis. Cavill, G W K *Australian J Chem* 26 (5): 1131-1135. Ref. May 1973

090467 410 AU73
Distribution of three species of reptile ticks, Aponomma hydrosauri (Denny), Amblyomma albolimbatum Neumann, & Amblyomma limbatum Neumann II. Water balance of nymphs & adults in relation to distribution. Bull, M *Australian J Zool* 21 (1): 103-110. Mar 1973

090468 410 AU73
Parasitism by Aphytis chrysomphali Mercet & Aphytis melinus Debach of California red scale, Aonidiella aurantii (Maskell), in relation to seasonal availability of suitable stages of scale. McLaren, I W *Australian J Zool* 21 (1): 111-117. Ref. Mar 1973

090469 QH301.B45
Effects of genetic variation & culture conditions on social behavior of Drosophila melanogaster. Hay, D A *Behav Genet* 3 (2): 107-119. Ref. June 1973

090470 QH301.B45
A comparative study of photoresponse in Drosophila pseudoobscura & Drosophila persimilis. Rockwell, R F *Behav Genet* 3 (2): 163-174. Ref. June 1973

090471 410 B393
Territoriality & influence of females on spacing of males in cockroach, Nauphoeta cinerea. Ewing, L S *Behaviour* 45 (3/4): 282-303. Ref. 1973

090472 410.9 B47
Biological remarks on Agelastica alni L. (Coleoptera Chrysomelidae Galerucinae) (9th contribution to knowledge of Chrysomeloidea). (Fre) Tiberghien, G *Biarritz Cent Etud Rech Sci Bull* 9 (2): 115-126. Ref. Eng. Sum. 1972

090473 424.8 B477
Overwintering of honeydew producers. [Insects]. (Ger) Haragsim, O *Bienenpflege* 12: 264-268. Dec 1972

090474 QR73.B5
Regulation of gene function: a comparison of enzyme activity levels in relation to gene dosage in diploids & triploids of Drosophila melanogaster. Lucchesi, J C *Biochem Genet* 9 (1): 41-51. Ref. May 1973

090475 382 B52
Estimation of fructose diphosphatase-phosphofructokinase substrate cycle in flight muscle of Bombus affinis. Clark, M G *Biochem J* 134 (2): 589-597. Ref. June 1973

090476 381 B522
Properties of tRNAphe from Drosophila. White, B N *Biochim Biophys Acta* 312 (2): 267-275. Ref. June 23, 1973

090477 442.8 B52
Observations on sexual behavior of free-flying Aedes aegypti mosquitoes. Jones, J C *Biol Bull* 144 (3): 480-488. June 1973

090478 500 W272
Larva & pupa of predaceous water beetle, Hygrotus sayi (Coleoptera: Dytiscidae). Spangler, P J *Biol Soc Wash Proc* 86 (12): 143-152. May 31, 1973

090479 442.8 B523
Polarity of insect segment. II. Non-specifity of se gmental gradient in wax-moths. [Achroea grisella, Galleria mellonella]. (Ger) Piepho, H *Biol Zentralbl* 92 (2): 137-149. Eng. Sum. Mar/Apr 1973

090480 442.8 B523
Size & DNA content of nuclei in Polyxenus lagurus L. (Diplopoda, Penicillata) during postembryonic development. (Ger) Dorn, A *Biol Zentralbl* 92 (2): 163-171. Ref. Eng. Sum. Mar/Apr 1973

090481 442.8 B523
Observations on oxygen consumption of larva of Calliphora erythrocephala Meig. (Ger) Dahlhelm, D *Biol Zentralbl* 92 (2): 179-192. Ref. Eng. Sum. Mar/Apr 1973

090482 442.8 B523
Analysis of endosymbiosis cycle of Euscelis plebejus (Hemiptera, Homoptera, Cicadidae) in vitro. (Ger) Schwemmler, W *Biol Zentralbl* 92 (2): 229-230. Mar/Apr 1973

090483 442.8 B523
Identification & function of a gathering indicating & a danger indicating odorous substance in Blaps mucronata, Latr., 1804 (Coleoptera, Tenebrionidae). (Ger) Tannert, W *Biol Zentralbl* 92 (2): 230. Mar/Apr 1973

090484 QL461.E562
Role & responsibility of Entomological Society of Canada. Corbet, P S *Bull Entomol Soc Can* 4 (4): 74-77. Dec 1972

090485 QL461.E562
Robin Thompson – a kindred spirit. [Entomologists]. Baker, A W *Bull Entomol Soc Can* 4 (4): 89-91. Dec 1972

090486 QL461.E562
Laboratory colonies of insects, mites & ticks in Canada, [Ixodidae]. *Bull Entomol Soc Can* 5 (2): 1-15. June 1973

090487 14 P215BC
Observations on Beauvaria tenella (Delacr.) Siematzko mycosis endemism in populations of Melolontha melolontha L. (Fre) Ferron, P *C R Seances Acad Agric Fr* 58 (17): 1396-1402. 1972

090488 68.8 C112
Study of influence of several abiotic factors on activity & reproductive rhythm of a cacao tree noctuid, Earias biplaga (Wlk.). (Fre) Nguyen Ban, J *Cafe Cacao The* 17 (1): 37-45. Eng. Sum. Jan/Mar 1973

090489 442.9 C14
Significance of ionic concentrations in internal media of animals. [Insects]. Burton, R F *Cambridge Phil Soc Biol Rev* 48 (2): 195-231. Ref. May 1973

090490 421 C16
Heat units & outbreaks of forest tent caterpillar, Malacosoma disstria (Lepidoptera: Lasiocampidae). Ives, W G H *Can Entomol* 105 (4): 529-543. Ref. Apr 1973

090491 421 C16
Stylets of six-spotted leafhopper, Macrosteles fascifrons (Homoptera: Cecadellidae). Forbes, A R *Can Entomol* 105 (4): 559-567. Ref. Apr 1973

090492 421 C16
Response of Melanotus communis (Coleoptera: Elateridae) larvae to soil temperature & moisture. Shepard, M *Can Entomol* 105 (4): 577-580. Apr 1973

090493 421 C16
A method for rearing overwintering larvae of winthemia occidentis (Diptera: Tachinidae), a parasite of eastern hemlock looper. [Lambdina fiscellaria fiscellaria. Otvos, I S *Can Entomol* 105 (4): 581-582. Apr 1973

090494 421 C16
Effect of male Trypodendron lineatum (Coleoptera: Scolytidae) on response of field populations to secondary attraction. Nijholt, W W *Can Entomol* 105 (4): 583-590. Ref. Apr 1973

090495 421 C16
Ovicidal effect in white pine weevil, Pissodes strobi (Coleoptera: Curculionidae), of a synthetic analogue of juvenile hormone. Retnakaran, A *Can Entomol* 105 (4): 591-594. Ref. Apr 1973

090496 421 C16
Digestive processes of haematophagous insects. IV. Secretion of trypsin by Aedes aegypti (Diptera: Culicidae). Gooding, R H *Can Entomol* 105 (4): 599-603. Ref. Apr 1973

090497 421 C16
Stages of Erannis vancouverensis (Lepidoptera: Geometridae) & life history notes. Evans, D *Can Entomol* 105 (4): 605-612. Apr 1973

090498 421 C16
Spermatophore formation & sperm transfer in desert locust, Schistocerca gregaria (Orthoptera: Acrididae). Pickford, R *Can Entomol* 105 (4): 613-618. Ref. Apr 1973

090499 421 C16
Effects of an insect growth regulator with high juvenile hormone activity on apterous form of potato aphid, Macrosiphum euphorbiae (Hemiptera: Aphididae). Benskin, J *Can Entomol* 105 (4): 619-622. Ref. Apr 1973

090500 421 C16
Sex ratios at emergence of two species of high-arctic aedes (Diptera: Culicidae). Danks, H V *Can Entomol* 105 (4): 647-651. Ref. Apr 1973

090501 470 C16E
Chromatography of Drosophila [melanogaster] [RNA] on BD-cellulose. White, B N *Can J Biochem* 51 (6): 896-902. Ref. June 1973

090502 470 C16D
Studies on insect dormancy. I. Physiology of hibernation in larvae of blackfly Prosimulium mysticum Peterson. Mansingh, A *Can J Zool* 51 (6): 611-618. Ref. June 1973

090503 470 C16D
Molting & oviposition of Neomesomermis flumenalis (Welch, 1962) Nickle, 1972, a merimithid parasite of black flies. [Simulidae]. Ebsary, B A *Can J Zool* 51 (6): 637-639. June 1973

090504 470 C16D
Yolk deposition in Douglas-fir bark beetle, Dendroctonus pseudotsugae (Hopk.): significance of physiological state of oocytes. Sahota, T S *Can J Zool* 51 (6): 659-661. Ref. June 1973

090505 QH607.A1C4
Developmental variations of a deoxyribonuclease in salivary glands of Drosophila hydei & Drosophila melanogaster. Boyd, J B *Cell Differ* 1 (2): 107-118. Ref. June 1972

090506 QH607.A1C4
[dNA magnification at bobbed locus of Y chromosome in Drosophila melanogaster. Boncinelli, E *Cell Differ* 1 (2): 133-142. June 1972

090507 QH607.A1C4
Mucopolysaccharide secretion from Drosophila salivary gland cells as a consequence of hormone induced gene acitvity. Poels, C L M *Cell Differ* 1 (2): 63-78. Ref. June 1972

090508 QH607.A1C4
Chromosomal basis of dosage compensation in Drosophila. VII. DNA replication patterns of puffs in male & female larval polytene chromosomes. Chatterjee, S N *Cell Differ* 2 (1): 1-19. Ref. Mar 1973

090509 QH607.A1C4
In vitro cell differentiation in testes of Drosophila hydei. Fowler, G L *Cell Differ* 2 (1): 33-42. Ref. Mar 1973

090510 QH607.A1C4
RNA synthesis in polytene salivary glands of Drosophila hydei maintained under in vitro conditions. Alonso, C *Cell Differ* 2 (2): 107-118. Ref. May 1973

090511 QH607.A1C4
Effects of protein synthesis-inhibiting antibiotics on puffing pattern of Drosophila salivary gland chromosomes in vitro. Schoon, H *Cell Differ* 2 (2): 97-106. Ref. May 1973

090512 410.9 C33
Structure & function of nervus allatus in Gryllus domesticus Latr. (Orthoptera). (Fre) Theodorescu, M *Cesk Spolecnosti Zool Vestnik* 37 (2): 144-149. Ref. Eng. Sum. 1973

090513 410.9 C33
Prof. Dr. Jaroslau Lang. [Emtomologists]. (Ger) Lellakova-Duskova, F *Cesk Spolecnosti Zool Vestnik* 37 (2): 155-159. 1973

090514 410.9 C33
Diapause of Chrysopa carnea (Chrysopidae: Neuroptera) females in field. Honek, A *Cesk Spolecnosti Zool Vestnik* 37 (2): 95-100. 1973

090515 442.8 C46
Light & electron microscope studies of chromosome pairing in relation to chiasma localisation in Stethophyma grossum (Orthoptera:d Acrididae). Jones, G H *Chromosoma* 42 (2): 145-162. Ref. 1973

090516 442.8 C46
Serial sectioning study of some meiotic stages in Scaptericus borrelli (Gryll-loidea). Sotelo, J R *Chromosoma* 42 (3) 307-333. Ref. 1973

090517 442.8 C46
Cytogenetics of ticks (Acari: Ixodoidea). 12. Chromosome & hybridization studies of bisexual & parthenogenetic Haema-physalis longicornis races from Japan & Korea. Oliver, J H *Chromosoma* 42 (3): 269-288. Ref. 1973

090518 442.8 C46
Accumulation of B-chromosomes by pref-erential segregation in females of grass-hopper Melanoplus femur-rubrum. Lucov, Z *Chromosoma* 42 (3): 289-306. Ref. 1973

090519 385 C68
Natural & synthetic materials with in-sect hormone activity. XVI. synthesis of derivatives of oxygen heterocycles con-taining N-geranylaniline moiety. [Triatoma infestans]. Kahovcova, J *Col-lect Czech Chem Commun* 38 (4): 1165-1167. Apr 1973

090520 444.8 C73
Studies on insect bacteriolytic enzymes. I. Lysozyme in haemolymph of Galleria mellonella & Bombyx mori. Powning, R F *Compar Biochem Physiol* 45 (3B): 669-681. Ref. July 15, 1973

090521 444.8 C73
Investigations on transport function & structure of peritrophic membranes. III. Periodic incorporation of glucose, meth-ionine & cysteine into peritrophic mem-branes of blowfly Calliphora erythrocep Zimmermann, U *Compar Biochem Physiol* 45 (3B): 683-693. Ref. July 15, 1973

090522 444.8 C73
Influence of temperature on chill-coma & electrical activity of central & peripheral nervous systems of of American cock-roach, Periplaneta americana. Staszak, D J *Compar Biochem Physiol* 45 (4a): 909-923. Ref. Aug 1, 1973

090523 444.8 C73
Role of wings in absorption of radiant energy by a butterfly. [Danaus plexip-pus]. Kammer, A E *Compar Biochem Physiol* 45 (4A): 1057-1063. Ref. Aug 1, 1973

090524 444.8 C73
Influence of temperature on induction of chill-coma & movement of American cockroach, Periplaneta americana. Stas-zak, D J *Compar Biochem Physiol* 45 (4A): 895-908. Ref. Aug 1, 1973

090525 444.8 C73
Changes in content of blycogen, sugars, nucleic acids, protein & free amino acids in pupa of Glossina morsitans during its development. Stafford, W L *Compar Bio-chem Physiol* 45 (4B): 763-768. Ref. Aug 15, 1973

090526 444.8 C73
Free amino acids of haemolymph of cot-ton leaf-worm, Spodoptera littoralis boisduval larvae (Lepidoptera: Noc-tuidae). Boctor, I Z *Compar Biochem Physiol* 45 (4B): 785-790. Ref. Aug 15, 1973

090527 444.8 C73
Phosphomonoesterases of digestive gut in Porcellio laevis Latreille (Porcel-lionidae, Isopoda). Saleem, M *Compar Biochem Physiol* 45 (4B): 911-921. Ref. Aug 15, 1973

090528 475 SCI23
Interaction of formaldehyde & X-rays on mutation production Drosophila melano-gaster. Mahajani, S *Cur Sci* 42 (13): 473-474. July 1973

090529 442.8 D49
Temperature-sensitive mutations in Drosophila melanogaster. XI. Male ster-ile mutants of Y chromosome. Ayles, G B *Develop Biol* 32 (2): 239-257. Ref. June 1973

090530 442.8 D49
Temperature-sensitive mutations in Drosophila melanogaster. XIII. Temper-ature-senitive periods of lethal & mor-phological phenotypes of selected combinations of notch-locus mutations. Foster, G G *Develop Biol* 32 (2): 282-296. Ref. June 1973

090531 442.8 D49
Pattern formation in imaginal discs of Drosophila melanogaster after irradia-tion of embryos & young larvae. Postleh-wait, J H *Develop Biol* 32 (2): 345-360. Ref. June 1973

090532 442.8 D49
Development of imaginal abdomen of Drosophila melanogaster. Guerra, M *Develop Biol* 32 (2): 361-372. Ref. June 1973

090533 442.8 D49
Patterns of genetic mosaicism in anten-nae & legs of Habrobracon juglandis. Clark, A M *Develop Biol* 32 (2): 432-445. Ref. June 1973

090534 442.8 D49
Variations in isoaccepting species of transfer RNA during embryogenesis of oncopeltus fasciatus (Dallas). Smith, R L *Develop Biol* 33 (1): 123-129. Ref. July 1, 1973

090535 442.8 D49
Analysis of tRNAs during the develop-ment of Drosophila. [Melanogaster]. White, B N *Develop Biol* 33 (1): 185-195. Ref. July 1, 1973

090536 442.8 D49
Expression of xanthine dehydrogenase activity during embryonic development of Drosophila melanogaster. Sayles, C D *Develop Biol* 33 (1): 213-217. Ref. July 1, 1973

090537 442.8 D49
Esterases of Drosophila [pseudoob-scura]. I. anodal esterases & their possi-ble role in eclosion. Berger, E *Develop Biol* 33 (1): 48-55. Ref. July 1, 1973

090538 512 W263B
Use of objective colorimetry in ecological & genetic studies on luminosity of colour-ing of insects. [Dendrolimus pini]. (Pol) Lesniak, A *Ekol Pol Ser B* 18 (1): 41-43. Eng. Sum. 1972

090539 QL461.E58
Staphilinidae (Coleoptera) from larval gallery of Hyle yma brassicae & Hyle-mya floralis, on radishes. 156. Study of Palearctic Staphylinidae. (Ger) Scheer-peltz, O *Entomol Gesell Basel* New Ser. 23 (1): 22-24. Ref. Mar 1973

090540 421 EN88
Collecting hibernating ground beetles under snow. Larochelle, A *Entomol News (philadelphia)* 84 (3): 82. Mar 1973

090541 421 EN88
Predation on chiromonid eggs & larvae by Nanocladius alternantherae Dendy & Sublette (Diptera: Chrionomidae, Ortho-cladiinae). Dendy, J S *Entomol News (philadelphia)* 84 (3): 91-95. Mar 1973

090542 421 EN88
Studies of Byron Bog in southwestern Ontario XLIX. Additional observations on insects of Redmond's Pond. Judd, W W *Entomol News (philadelphia)* 84 (3): 96-98. Ref. Mar 1973

090543 421 EN88
Ground beetles collected from sea-shore drifts. Larochelle, A *Entomol News (philadelphia)* 84 (3): 99-101. Mar 1973

090544 QL461.E59
Seasonal polymorphism & developmen-tal changes in ortans of flight & reproduc-tion in bivoltine pondskaters (Hemiptera, Gerridae). Andersen, N M *Entomol Scand* 4 (1): 1-20. Ref. 1973

090545 QL461.E59
Production of larvae of Phyllobius piri L. (Coleoptera, Curculionidae) in an aban-doned field. Axelsson, B *Entomol Scand* 4 (1): 21-29. 1973

090546 QL461.E59
Morphological characteristics of north-European myrmeleontid larvae (Neu-roptera). Friheden, J *Entomol Scand* 4 (1): 30-34. Ref. 1973

090547 QL461.E59
Changes in dry-weight & water content in hibernating larva of Pseudohermenias clausthaliana (Sax.) in Denmark (Lepi-doptera, Torticidae). Munster-Swendsen, M *Entomol Scand* 4 (1): 73-77. Ref. 1973

090548 QL461.E59
Evidence for a sex attractant in Agriotes lineatus (L.) (Coleoptera, Elateridae) demonstrated by field experiments. Borg, A *Entomol Scand* 4 (1): 78-80. Ref. 1973

090549 423.9 EN8
Value of cooperative research between entomologists of Canada & United States. Hayes, R O *Entomol Soc Amer Bull* 19 (2): 105-108. Ref. June 1973

090550 420 EN86
Histopathology of skin following bites by Hyalomma rufipes (Koch 1844), & a the-ory on feeding by this tick. Arthur, D R *Entomol Soc Southern Afr J* 36 (1): 117-124. Mar 1973

090551 420 EN86
First record of a larval nemopterid from southern Africa (Neuroptera: Nemop-teridae: Nemopterinae). Mansell, M W *Entomol Soc Southern Afr J* 36 (1): 133-137. Ref. Mar 1973

090552 420 EN86
Food assimilation & duration of larval in-stars of three saturniid forest pests. Van den Berg, M A *Entomol Soc Southern Afr J* 36 (1): 165-173. Mar 1973

090553 420 EN86
Scanning electron microscope studies on morphology of immature stages of Am-blyomma hebraeum Koch, 1844. [South Africa]. Arthur, D R *Entomol Soc South-ern Afr J* 36 (1): 63-85. Mar 1973

090554 420 EN86
Parasitic cycle of Boophilus decoloratus (Koch 1844) (Acarina: Ixodidae). Arthur, D R *Entomol Soc Southern Afr J* 36 (1): 87-116. Ref. Mar 1973

090555 421 EN85
A battery driven light source. [Insect traps]. (Ger) Schott, P *Entomol Z* 83 (11): 124-127. June 1, 1973

090556 421 EN85
An extraordinary gynander of auroral spot (Lepidoptera, Pieridae). (Ger) Meyer, M *Entomol Z* 83 (13): 149-152. July 1, 1973

090557 475 EX7
Alarm pheromone of grain sphids. Wientjens, W H J M *Experientia* 29 (6): 658-660. June 15, 1973

090558 475 EX7
Asymmetrical responses to directional selection for radiation resistance & sen-sitivity in Drosophila. Westerman, J M *Experientia* 29 (6): 722-724. Ref. June 15, 1973

090559 475 EX7
Cordycepin inhibits induction of puffs by ions in Chironomus salivary gland chromosomes. Gopalan, H N B *Experi-entia* 29 (6): 724-726. Ref. June 15, 1973

090560 475 EX7
Raffinose in Stomoxys calcitrans Linn. (Diptera, Cyclorrhaphpa: Muscidae). Singh, P *Experientia* 29 (6): 732-733. June 15, 1973

090561 475 EX7
A new vital stain in Drosophila. Rapport, E W *Experientia* 29 (6): 734-735. June 15, 1973

090562 QL289.F3
Distribution of insect fauna & foodchains in watercourses. (Nor) Lillehammer, A *Fauna* 26 (2): 130-138. Ref. Eng. Sum. 1973

090563 410 F662
Growth & life cycle of Baetis rhodani (Pict.) (Ephemeroptera). (Dan) Bengt-sson, J *Flora Fauna* 79 (2): 32-34. Eng. Sum. June 1973

090564 QL461.G4
Hemolymph proteins of granulosis virus infected Trichoplusia ni larvae. Young, S Y *Ga Entomol Soc J* 8 (1): 63-68. Ref. Jan 1973

090565 QL461.G4
Social behavior in confined populations of horned passalus beetle (Coleoptera: Passalidae). [Popilius disjunctus]. Mul-len, V T *Ga Entomol Soc J* 8 (2): 115-123. Ref. Apr 1973

090566 QL461.G4
Effect of crop fertilizer on feeding of lar-vae of fall armyworm on excised leaf sec-tions of corn foliage. [Spodoptera frugiperda]. Wiseman, B R *Ga Entomol Soc J* 8 (2): 136-141. Apr 1973

090567 QL461.G4
Fecundity of Poldia interpunctella (Hubner) adults after exposure to suble-thal dosages of carbon dioxide. Flaherty, B R *Ga Entomol Soc J* 8 (2): 141-145. Apr 1973

090568 QL461.G4
Immature stages of some eastern Nearc-tic Tabanidae (Diptera). III. genus Taba-nus Linneaus. Goodwin, J T *Ga Entomol Soc J* 8 (2): 82-99. Apr 1973

090569 QL461.G4
Topography of scent scales of male cab-bage looper, Trichoplusia ni. Grant, G G *Ga Entomol Soc J* 8 (2): 99-106. Apr 1973

090570 442.8 G28
Timing of temperature sensitivity of leaky fertility factor mutations in male Drosophila melanogaster. Frankel, A W K *Genetics* 74 (1): 115-132. Ref. May 1973

090571 QL461.M5
Morphology & histology of new sex pheromone glands in male scorpionflies, Panorpa & Brachypanorpa (Mecoptera: Panorpidae & Panorpodidae). Thornhill, A R *Great Lakes Entomol* 6 (2): 47-55. Ref. Summer 1973

090572 QL461.M5
George Starkey, an early seventeenth-century American entomologist. Wilkin-son, R S *Great Lakes Entomol* 6 (2): 59-64. Ref. Summer 1973

090573 500 H26B
Host preference in ciid beetles (Coleopt-era: Ciidae) inhabiting fruiting bodies of Basidiomycetes in North America. Law-rence, J F *Harvard Univ Mus Compar Zool Bull* 145 (3): 163-212. Ref. June 15, 1973

090574 443.8 H42
Scutellar bristle components & canalisa-tion in Drosophila melanogaster. Scow-croft, W R *Heredity* 30 (3): 289-301. Ref. June 1973

090575 410.9 H68
Seasonal activity & microdistribution of drosophilid flies in Misumai in Sapporo. Toda, M J *Hokkaido Univ Fac Sci J Ser Vi Zool* 18 (4): 532-550. Ref. Apr 1973

090576 410 H992
Life histories of Nemouridae & Leuctridae in Southern Ontario (Plecoptera). Harper, P P *Hydrobiologia* 41 (3): 309-356. Ref. May 15, 1973

090577 410 H992
May flies (Ephemeroptera) in trout creeks of Beskids Mountains. II. Production. (Ger) Zelinka, M *Hydrobiologia* 42 (1): 13-19. July 6, 1973

090578 424.8 IM43
Bee biology in scanning microscope. I. sense organs of bee antennae. (Ger) Dietz, A *Imkerfreund* 27 (10): 314-317. Oct 1972

090579 BEE QL463.C68
Oogenesis. [Insects]. Mahowald, A P *In Counce, S. J., ed. Developmental Systems: Insects* 1: 1-47. Ref. 1972

090580 BEE QL463.C68
Development of holometabolous insects. Anderson, D T *In Counce, S. J., ed. Developmental Systems: Insects* 1: 165-242. Ref. 1972

090581 BEE QL463.C68
Polyembryony in insects. Ivanova-Kasas, O M *In Counce, S. J., ed. Developmental Systems: Insects* 1: 243-271. Ref. 1972

090582 BEE QL463.C68
Development of apterygote insects. Jura, C *In Counce, S. J., ed. Developmental Systems: Insects* 1: 49-94. Ref. 1972

090583 BEE QL463.C68
Development of hemimetabolous insects. Anderson, D T *In Counce, S. J., ed. Developmental Systems: Insects* 1: 95-163. Ref. 1972

090584 BEE QL463.C68
Causal analysis of insect embryogenesis. Counce, S J *In Counce, S. J., ed. Developmental Systems: Insects* 2: 1-156. Ref. 1973

090585 BEE QL463.C68
Development of spatial patterns in integument of insects. Lawrence, P A *In Counce, S. J., ed. Developmental Systems: Insects* 2: 157-209. Ref. 1973

090586 BEE QL463.C68
Imaginal discs of Drosophila. Gehring, W *In Counce, S. J., ed. Developmental Systems: Insects* 2: 211-290. Ref. 1973

090587 BEE QL463.C68
Role of hormones in insect development. Doane, W W *In Counce, S. J., ed. Developmental Systems: Insects* 2: 291-479. Ref. 1973

090588 BEE QL463.C68
The morphogenesis of patterns in Drosophila. Waddington, C H *In Counce, S. J., ed. Developmental Systems: Insects* 2: 499-535. Ref. 1973

090589 QL965.I58
Cytology of vitellogenic stages of oogenesis in Drosophila melanogaster. II. Ultrastructural investigations on origin of protein yolk spheres. Cummings, M R *In Invertebrate Oogenesis* 1: 107-118. Ref. 1972

090590 QL965.I58
Cytology of vitellogenic stages of oogenesis in Drosophila melanogaster. III. Formation of vitelline membrane. Cummings, M R *In Invertebrate Oogenesis* 1: 119-129. Ref. 1972

090591 QL965.I58
Oogenesis in Hyalophora cecropia. King, R C *In Invertebrate Oogenesis* 1: 130-196. Ref. 1972

090592 QL965.I58
Functional transformations accompanying initiation of a terminal growth phase in Cecropia moth oocyte. [Hyalophora cecropia]. Telfer, W H *In Invertebrate Oogenesis* 1: 197-220. Ref. 1972

090593 QL965.I58
RNA in cecropia moth ovaries: sites of synthesis, transport, & storage. [Hyalophora cecropia]. Pollack, S B *In Invertebrate Oogenesis* 1: 221-243. Ref. 1972

090594 QL965.I58
Multiple nucleoli & enhanced nucleolar activity in nurse cells of insect ovary. [Calliphora erythorcephala]. Ribbert, D *In Invertebrate Oogenesis* 1: 244-263. Ref. 1972

090595 QL965.I58
Nucleic acid synthesis in nurse cells of Rhynchosciara angela Nonato & Pavan, 1951. Basile, R *In Invertebrate Oogenesis* 1: 264-276. Ref. 1972

090596 QL965.I58
Development of female Drosophila reproductive system. King, R C *In Invertebrate Oogenesis* 1: 48-76. Ref. 1972

090597 QL965.I58
Studies on events resulting in formation of an egg chamber in Drosophila melanogaster. Brown, E H *In Invertebrate Oogenesis* 1: 7-47. Ref. 1972

090598 QL965.I58
Oogenesis in suppressor of hairy-wing mutant of Drosophila melanogaster. II. Nucleolar morphology & in vitro studies of rna protein synthesis. Klug, W S *In Invertebrate Oogenesis* 1: 77-92. Ref. 1972

090599 QL965.I58
Development of nucleolus of ovarian nurse cell of Drosophila melanogaster. Dapples, C C *In Invertebrate Oogenesis* 1: 93-106. Ref. 1972

090600 QL965.I58
On function of germ line chromosomes in oogenesis of Wachtliella persicariae (Cecidomyiidae). Kunz, W *In Invertebrate Oogenesis* 2: 110-122. Ref. 1972

090601 QL965.I58
Insect oogenesis with & without lampbrush chromosomes. Bier, K *In Invertebrate Oogenesis* 2: 123-133. Ref. 1972

090602 QL965.I58
Experimental studies on role of 'polar granules' in segregation of pole cells in Drosophila melanogaster. Jazdowska-Zagrodzinska, B *In Invertebrate Oogenesis* 2: 264-272. Ref. 1972

090603 QL965.I58
Polar granules of Drosophila. II. Ultrastructural changes during early embryogenesis. Mahowald, A P *In Invertebrate Oogenesis* 2: 273-297. Ref. 1972

090604 QL965.I58
Polar granules of Drosophila. III. continuity of polar granules during life cycle of Drosophila. Mahowald, A P *In Invertebrate Oogenesis* 2: 298-312. Ref. 1972

090605 QL965.I58
Polar granules of Drosophila. IV. Cytochemical studies shwoing loss of RNA from polar granules during early stages of embryogenesis. Mahowald, A P *In Invertebrate Oogenesis* 2: 313-320. Ref. 1972

090606 QL965.I58
Amplification of ribosomal cistrons in heterochromatin of Acheta. Lima-De-Faria, A *In Invertebrate Oogenesis* 2: 72-86. Ref. 1972

090607 QL965.I58
Reproduction, reproductive organs, & meiosis in bisexual non-parthenogenetic mite Caloglyphus mycophagus, with reference to oocyte degeneration in virgins (Sarcoptiformes: Acaridae). Heinemann, R L *In Invertebrate Oogenesis* 2: 87-109. Ref. 1972

090608 QL757.K48
Control of seasonal development in parasites of blow flies. III. Patterns of photoperiodic reaction in Aphaereta minuta Nees (Hymenoptera, Braconidae). (Rus) Zinov'eva, K B *In Khoziaino-parazitnye Otnosheniia u Nasekomykh* P. 100-111. Ref. Eng. Sum. 1972

090609 QL757.K48
Control of seasonal development in parasites of blow flies. IV. Patterns of photoperiodic reaction in Alysia manducator Panz. (Hymenoptera, Braconidae). (Rus) Vinogradova, E B *In Khoziaino-parazitnye Otnosheniia u Nasekomykh* P. 112-117. Ref. Eng. Sum. 1972

090610 QL757.K48
Effects of ecological conditions & host's physiological state on diapause induction in Perilissus lutescens Hlmgr. (Hymenoptera, Ichneumonidae) & in Meigenia bisignata Meig. (Diptera, Tachinidae) para (Rus) Zinov'eva, K B *In Khoziaino-parazitnye Otnosheniia u Nasekomykh* P. 118-127. Ref. Eng. Sum. 1972

090611 QL757.K48
On formation of parasitic specificity in some genera of Encyrtidae & Aphelinidae (Hymenoptera, Chalcidoidea). (Rus) Sugoniaev, E S *In Khoziaino-parazitnye Otnosheniia u Nasekomykh* P. 18-30. Ref. Eng. Sum. 1972

090612 QL757.K48
Host-parasite (food) relations in family Encyrtidae (Hymenoptera, Chalcidoidea). (Rus) Triapitsyn, V A *In Khoziaino-parazitnye Otnosheniia u Nasekomykh* P. 31-48. Ref. Eng. Sum. 1972

090613 QL757.K48
Adaptive peculiarities of preimaginal phases of parasitic Hymenoptera of family Encyrtidae (Chalcidoidea). (Rus) Triapitsyn, V A *In Khoziaino-parazitnye Otnosheniia u Nasekomykh* P. 49-65. Ref. Eng. Sum. 1972

090614 QL757.K48
The main types of host-specifity in parasitic Hymenoptera. (Rus) Kozlov, M A *In Khoziaino-parazitnye Otnosheniia u Nasekomykh* P. 5-17. Ref. Eng. Sum. 1972

090615 QL757.K48
On intraspecific forms in Blastothrix confusa Erd. (Hymenoptera, Chalcidoidea). (Rus) Volkova, G A *In Khoziaino-parazitnye Otnosheniia u Nasekomykh* P. 66-72. Ref. Eng. Sum. 1972

090616 QL757.K48
On seasonal forms of Blastothrix confusa Erd. (Hymenoptera, Chalcidoidea). (Rus) Volkova, G A *In Khoziaino-parazitnye Otnosheniia u Nasekomykh* P. 73-76. Ref. Eng. Sum. 1972

090617 QL757.K48
Control of seasonal development in parasites of blow flies. I. Ecological control of pupal diapause in Sarcophagidae (Diptera). (Rus) Vinogradova, E B *In Khoziaino-parazitnye Otnosheniia u Nasekomykh* P. 77-89. Ref. Eng. Sum. 1972

090618 QL757.K48
Control of seasonal development in parasites of blow flies. II. Ecological control of winter adaptations in Calliphora vicina R. -D. (Diptera, Calliphoridae). (Rus) Zinov'eva, K B *In Khoziaino-parazitnye Otnosheniia u Nasekomykh* P. 90-99. Ref. Eng. Sum. 1972

090619 QH431.P7
Comparison of homologous puffs of third chromosome loci in related species of Drosophila, group 'virilis'. (Rus) Poluektova, E V *In Problemy Genetiki Razvitiia* P. 188-192. Ref. 1972

090620 QH431.P7
Transplanting of imaginal discs of Drosophila as a method of studying gene-controlling developmental processes. (Rus) Ginter, E K *In Problemy Genetiki Razvitiia* P. 41-55. Ref. 1972

090621 QH605.M43
Non-random chromosome segregation in spermatocytes of Gryllotalpa hexadactyla; a micromanipulation analysis. Camenzind, R *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 1: 51-62. Ref. 1972

090622 QH605.M43
Meiotic behavior of Drosophila oocyte. King, R C *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 1: 7-50. Ref. 1972

090623 QH605.M43
Chromosome pairing in oogonial cells of Drosophila melanogaster. Grell, R F *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 2: 133-144. Ref. 1972

090624 QH605.M43
Heterologous interchange at meiosis in Drosophila. II. Some disjunctional consequences of interchange. Parker, D R *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 2: 145-159. Ref. 1972

090625 QH605.M43
Meiosis in male of Puto albicans (Coccoidea-Homoptera). Brown, S W *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 2: 160-182. Ref. 1972

090626 QH605.M43
Meiosis in Coprinus. II. Chromosome pairing & lampbrush diplotene stage of meiotic prophase. Lu, B C *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 2: 183-194. Ref. 1972

090627 QH605.M43
Meiosis. III. elastica, & Markov processes as models for non-random segregatation from associated non-homolgues in Drosophila. Douglas, L T *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 2: 25-64. Ref. 1972

090628 QH605.M43
Effect of curly inversions on meiosis in Drosophila melanogaster. I. Intrachromosomal effects on recombination. Ramel, C *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 3: 141-148. Ref. 1972

090629 QH605.M43
Meiosis in grasshopper: chiasma frequency after elevated temperature & X-rays. [Melanoplus femur-rubrum]. Church, K *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 3: 204-211. Ref. 1972

090630 QH605.M43
Developmental control of heterochromatization in coccids. Brown, S W *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 4: 130-137. Ref. 1972

090631 QH605.M43
Cytophotometry of DNA & histone in meiosis of Prrhocoris apterus. 1. Antropova, E N *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 4: 154-158. Ref. 1972

090632 QH605.M43
On formation of a homogenous zygotic population in Chlamydomonas reinhardtii. Chiang, K S *In The Meiotic Process: Pairing, Recombination, and Chromos Ome Movements* 4: 16-30. Ref. 1972

090633 41.8 IN22
Study on life-history of Rhipicephalus haemaphysaloides Supino, 1897 (Acarina: Ixodidae). Jagannath, M S *Indian J Anim Sci* 42 (10): 847-860. Oct 1972

090634 464.8 IN3
Structure, biogenesis & chemistry of hormones in mutation. [Insects]. (Ita) Canonica, L *Inform Fitopatol* 23 (1/2): 11-14. Jan/Feb 1973

090635 464.8 IN3
Hormones in growth of insects. (Ita) Martelli, M *Inform Fitopatol* 23 (1/2): 9. Jan/Feb 1973

090636 448.3 IN72
Infection of ticks Ornithodorus moubata (Murray) due to Yersinia pseudotuberculosis. I. Intrahemocoelic infection of adult ticks. (Fre) Krynski, S *Inst Pasteur Tunis Arch* 49 (1/2): 43-48. Eng. Sum. March/June 1972

090637 QL461.I7
Peptidochitodextrins of sarcophagid cuticle. II. Studies on linkage region. [Sarcophaga bullata]. Lipke, H *Isr J Entomol* 7: 117-128. Ref. 1972

090638 QL461.I7
Studies on cyclic AMP mediation of hormonally induced cytolysis of alary hypodermal cells & of hormonally controlled DOPA synthesis in Lucilia cuprina. Seligman, I M *Isr J Entomol* 7: 129-142. Ref. 1972

090639 QL461.I7
Utilization of steroid derivatives by larvae of Dermestes maculatus. Ikan, R *Isr J Entomol* 7: 15-20. Ref. 1972

090640 QL461.I7
Effect of various sugars on development & wing production in aphid Myzus persicae. Raccah, B *Isr J Entomol* 7: 21-26. Ref. 1972

090641 QL461.I7
Flight performance & fuel utilization as a function of age in female Aedes taeniorhynchus. Nayar, J K *Isr J Entomol* 7: 27-35. Ref. 1972

090642 QL461.I7
Effects of parasitism by Voria ruralis on feeding behavior of larvae of Trichoplusia ni2,3. Soo Hoo, C F *Isr J Entomol* 7: 37-40. 1972

090643 QL461.I7
Influence of feeding on midgut protease activity in Aedes aetypti. Samish, M *Isr J Entomol* 7: 41-48. Ref. 1972

090644 QL461.I7
Electronic recordings of feeding motions & rhythms of corn earworm (Heliothis zea) larvae. Kogan, M *Isr J Entomol* 7: 49-58. 1972

090645 QL461.I7
Flight behavior of Manduca moths as a factor in host plant site selection. [Manduca sexta, Manduca quinquemaculata]. Yamamoto, R T *Isr J Entomol* 7: 59-62. Ref. 1972

090646 QL461.I7
Host plant nutritive value & variable number of instars ina sawfly, Diprion similis. [Pinus]. Fogal, W H *Isr J Entomol* 7: 63-72. Ref. 1972

090647 QL461.I7
Vitamin E, tocopherol quinone & selenium in diet of house cricket, Acheta domesticus (1.). McFarlane, J E *Isr J Entomol* 7: 7-14. Ref. 1972

090648 QL461.I7
Genesis of reproductive system of mosquitoes. IV. Thermal modification of Aedes stimulans. Horsfall, W R *Isr J Entomol* 7: 73-84. Ref. 1972

090649 QL461.I7
Effect of juvenile hormone on maturation of oocytes in cockroach, Leucophaea maderae (Fab.). Brookes, V J *Isr J Entomol* 7: 85-98. Ref. 1972

090650 QL461.I7
Diet dependent cycling of protease activity in midgut of fleshfly, Sarcophaga bullata. Capps, K C *Isr J Entomol* 7: 99-108. Ref. 1972

090651 424.8 J82
Rearing larvae of leaf-cutter bee Megachile rotundata on artificial diets. Nelson, E V *J Apicult Res* 11 (3): 153-156. 1972

090652 424.8 J82
Influence of light intensity & temperature on activity of alfalfa leaf-cutter bee Megachile rotundata under field conditions. [Pollination]. Szabo, T I *J Apicult Res* 11 (3): 157-165. Ref. 1972

090653 410 J828
Population dynamics of cabbage root fly in Canada & England. [Erioischia brassicae]. Benson, J F *J Appl Ecol* 10 (2): 437-446. Ref. Aug 1973

090654 410 J828
Quantities of pollen on bodies of insects visiting apple blossom. Kendall, D A *J Appl Ecol* 10 (2): 627-634. Aug 1973

090655 442.8 J828
Polarized intercellular bridges in ovarian follicles of cecropia moth. [Hyalophora cecropia]. Woodruff, R I *J Cell Biol* 58 (1): 172-188. Ref. July 1973

090656 444.8 Z3
Capability of direction-finding by whirligig beetle Gyrinus sbustriatus Steph. (Coleoptera, Gyrinidae). (Ger) Reinig, H J *J Comp Physiol* 84 (3): 281-298. Eng. Sum. 1973

090657 421 J822
Tobacco hornworm: marking spermatophore with water-soluble stains. [Manduca sexta]. Sparks, M R *J Econ Entomol* 66 (3): 719-721. June 1973

090658 421 J822
Mass sterilization of laboratory-reared Drosophila melanogaster with residues of tepa. Mason, H C *J Econ Entomol* 66 (3): 753-755. June 1973

090659 421 J822
Rearing Lygus [hesperus] bugs on green beans: a comparison of two oviposition cages. Wilson, R L *J Econ Entomol* 66 (3): 810-811. June 1973

090660 421 J822
An application of microvideo system to entomology. Talerico, R L *J Econ Entomol* 66 (3): 816-817. June 1973

090661 421 J822
A rapid method of collecting lepidopterous larvae. [Ennomos subsignarius]. Saufley, G C *J Econ Entomol* 66 (3): 818-819. June 1973

090662 421 J822
Improved system for measuring flying activity of insects by detecting static charges. Berry, I L *J Econ Entomol* 66 (3): 820-822. June 1973

090663 421 J822
Obituaries: Richard William Fay 1912 – 1972. [Entomologists]. Schoof, H F *J Econ Entomol* 66 (3): 829-830. June 1973

090664 421 J822
Obituaries: Jean Luther Laffoon 1922 – 1973. [Entomologists]. Robinson, W H *J Econ Entomol* 66 (3): 831. June 1973

090665 QP1.J725
Normal locomotion of Millipede Julus sp. Smolyaninov, V V *J Evol Biochem Physiol* 8 (5): 460-465. Ref. Sept/Oct 1972 (Transl 1973)

090666 QP1.J725
Structure & functional characteristics of head receptors controlling operation of wing muscles in dragonfly Aeschna grandis. Sveshnikov, V G *J Evol Biochem Physiol* 8 (5): 466-471. Ref. Sept/Oct 1972 (Transl 1973)

090667 442.8 B77
Eye muscle of Calliphora vomitoria L. I. Spontaneous activity & effects of light & dark adaptation. Patterson, J *J Exp Biol* 58 (3): 565-583. Ref. June 1973

090668 442.8 B77
Eye muscle of Calliphora vomitoria L. II. Transient responses to changes in intensity of illumination. Patterson, J *J Exp Biol* 58 (3): 585-598. Ref. June 1973

090669 442.8 B77
Activation of fibrillar muscles in bumblebee during warm-up, stabilization of thoracic temperature & flight. [Bombus vosnesenskii]. Heinrich, B *J Exp Biol* 58 (3): 677-688. Ref. June 1973

090670 442.8 B77
Nervous mechanisms underlying intersegmental co-ordination of leg movements during walking in cockroach. [Periplaneta americana]. Pearson, K G *J Exp Biol* 58 (3): 725-744. Ref. June 1973

090671 442.8 B77
Physiology of insect ecdysis. III. Relationship between hormonal control of eclosion & of tanning in tobacco hornworm, Manduca sexta. Turman, J W *J Exp Biol* 58 (3): 821-829. Ref. June 1973

090672 410 J825
Glucosamine HC1, [hydrogen chloride] hydroxyproline & developmental homeostasis in Drosophila melanogaster. Rapport, E W *J Exp Zool* 185 (1): 55-63. Ref. July 1973

090673 442.8 J823
Equilibrium between mutation & selection in bisexual diploids. [Bombyx mori, Drosophila]. Haldane, J B S *J Genet* 61 (1): 1-13. Jul 1972

090674 442.8 AM3
Allozyme variation in populations of Drosophila melanagaster & Drosphila simulans from northern Greece. Triantaphyllidis, C D *J Hered* 64 (2): 69-72. Ref. Mar/Apr 1973

090675 421 J825
Changes in dry weight, protein, & nucleic acid content during diapause & normal development of blowfly, Lucilia sericata. Ring, R A *J Insect Physiol* 19 (3): 481-494. Ref. Mar 1973

090676 421 J825
Can larval epidermis omit secretion of a pupal cuticle in a saturniid moth, Samia cynthia ricini? Kato, Y *J Insect Physiol* 19 (3): 495-504. Ref. Mar 1973

090677 421 J825
Effects of disiccation & rehydration on lone star tick. [Amblyomma americanum]. Chi-yen, S *J Insect Physiol* 19 (3): 505-514. Ref. Mar 1973

090678 421 J825
Duration of formation of intranuclear crystal proteins of middle intestine of Tenebrio molitor. (Fre) Thomas, D *J Insect Physiol* 19 (3): 515-522. Ref. Eng. Sum. Mar 1973

090679 421 J825
Haemolymph lipase activity in American cockroach, Periplaneta americana. Downer, R G H *J Insect Physiol* 19 (3): 523-532. Ref. Mar 1973

090680 421 J825
Physiological colour change in elytra of hercules beetle, Dynastes hercules. Hinton, H E *J Insect Physiol* 19 (3): 533-549 ref. Mar 1973

090681 421 J825
Action of overdosed biotin on reproduction of hide beetle, Dermestes maculatus. Levinson, H Z *J Insect Physiol* 19 (3): 551-558. Ref. Mar 1973

090682 421 J825
Effect of dietary changes on phospholipid composition of maemolymph lipoproteins of larvae of housefly, Musca domestica. Dwivedy, A K *J Insect Physiol* 19 (3): 559-576. Ref. Mar 1973

090683 421 J825
Ultrastructure & functions of ovariole sheath & tunica propria in flour moth. [Anagasta kuchniella]. Cruickshank, W J *J Insect Physiol* 19 (3): 577-592. Ref. Mar 1973

090684 421 J825
Patterns of nitrogen utilization between ambrosia beetle Xyleborus dispar & its symbiotic fungus. [Ambrosiella hartigii]. French, J R J *J Insect Physiol* 19 (3): 593-605. Ref. Mar 1973

090685 421 J825
Nature & fate of nutrient reserves of periodical (seventeen year) cicada. [Magicicada cassini]. Brown, J J *J Insect Physiol* 19 (3): 607-614. Ref. Mar 1973

090686 421 J825
Immunochemical evidence for transport of haemolymph protein into cuticle of Manduca sexta. Koeppe, J K *J Insect Physiol* 19 (3): 615-624. Ref. Mar 1973

090687 421 J825
Phase contrast & electron microscopy of mycetocytes & symbiotes of pea aphid, Acyrthosiphon pisum. McLean, D L *J Insect Physiol* 19 (3): 625-633. Ref. Mar 1973

090688 421 J825
Comparative metabolism of Cecropia juvenile hormone. Ajami, A M *J Insect Physiol* 19 (3): 635-645. Ref. Mar 1973

090689 421 J825
Phenol oxidase in blood cells of millipedes. Krishnan, G *J Insect Physiol* 19 (3): 647-653. Ref. Mar 1973

090690 421 J825
Inhibition of sexual response in males of moth Argyrotaenia velutinana by brief exposures to synthetic pheromone or its geometrical isomer. Bartell, R J *J Insect Physiol* 19 (3): 655-661. Mar 1973

090691 421 J825
Female specific proteins in Triatoma infestans haemolymph. Perassi, R *J Insect Physiol* 19 (3): 663-671. Ref. Mar 1973

090692 421 J825
Metamorphic shortening of interganglionic connectives of Galleria mellonella (Lepidoptera) in vitro: stimulation by ecdysone analogues. Robertson, J *J Insect Physiol* 19 (3): 673-679. Ref. Mar 1973

090693 421 J825
Tritium uptake & elimination by tissuebound & body-water components in crickets (Acheta domesticus). Van Hook, R I *J Insect Physiol* 19 (3): 681-687. Ref. Mar 1973

090694 421 J825
Sound production in Scolytidae: stridulation by female Dendroctonus beetles. Rudinsky, J A *J Insect Physiol* 19 (3): 689-705. Ref. Mar 1973

090695 421 J825
Trail pheromone of termite, Trinervitermes trinervoides. Tschinkel, W R *J Insect Physiol* 19 (3): 707-721. Ref. Mar 1973

090696 421 J825
Attraction of newly hatched codling moth larvae (Lapspeyresia pomonella) to synthetic stereo-isomers of farnesene. Sutherland, O R W *J Insect Physiol* 19 (3): 723-727. Ref. Mar 1973

090697 421 J825
Some aspects of regulation of fat body lipolytic activity in Galleria mellonella. Dutkowski, A B *J Insect Physiol* 19 (7): 1341-1350. Ref. July 1973

090698 421 J825
Alpha-glucosidase at tip of contact chemosensory seta of blowfly, Phormia regina. Kijima, H *J Insect Physiol* 19 (7): 1351-1362. Ref. July 1973

090699 421 J825
Fluid secretion by in vitro preparations of Malpighian tubules of desert locust Schistocerca gregaria. Maddrell, S H P *J Insect Physiol* 19 (7): 1369-1376. July 1973

090700 421 J825
A re-examination of circadian rhythmicity in Carausius morosus. Godden, D H *J Insect Physiol* 19 (7): 1377-1386. July 1973

090701 421 J825
Immunogenetic & electrophoretic studies with extracts of different adult Culex pipiens strains. Schumann, W *J Insect Physiol* 19 (7): 1387-1396. Ref. July 1973

090702 421 J825
Temperature & photoperiodic regulation of diapause of southwestern corn borer, Diatraea grandiosella. Chippendale, G M *J Insect Physiol* 19 (7): 1397-1408. Ref. July 1973

090703 421 J825
Rectal enzymes of attine ants. alpha-amylase & chitinase. Martin, M M *J Insect Physiol* 19 (7): 1409-1416. Ref. July 1973

090704 421 J825
Pheromone production & mating behaviour by allatectomized males of cockroach, Nauphoeta cinerea. Hartman, H B *J Insect Physiol* 19 (7): 1417-1422. Ref. July 1973

090705 421 J825
Control of circadian rhythm of locomotor activity in house cricket. [Acheta domestica]. Cymborowski, B *J Insect Physiol* 19 (7): 1423-1440. Ref. July 1973

090706 421 J825
Corpus allatum control of ovarian development in Aedes aegypti. Gwadz, R W *J Insect Physiol* 19 (7): 1441-1448. Ref. July 1973

090707 421 J825
Inhibition of insect development by simultaneous action of prothoracic gland hormone & juvenile hormone. [Tenebrio molitor]. Socha, R *J Insect Physiol* 19 (7): 1449-1453. Ref. July 1973

090708 421 J825
Seasonal regulation of dormancy in Chrysopa carnea (Neuroptera). Tauber, M J *J Insect Physiol* 19 (7): 1455-1463. Ref. July 1973

090709 421 J825
Embryonic cycles & secretion of cuticle among embryo of cockroach, Blabera craniifer. (Fre) Bulliere, F *J Insect Physiol* 19 (7): 1465-1479. Ref. July 1973

090710 421 J825
Fluorimetric determination of 5-hydroxytryptamine & catecholamines in central nervous system & heart of Locusta migratoria migratorioides. Hiripi, L *J Insect Physiol* 19 (7): 1481-1485. Ref. July 1973

090711 421 J825
Quantitative studies of cytochemical & cytological changes during cell death in larval fat body of Drosophila melanogaster. Butterworth, F M *J Insect Physiol* 19 (7): 1487-1499. Ref. July 1973

090712 421 J825
Role of phagostimulants of cotton leaves in feeding behaviour of Spodoptera littoralis. Khalifa, A *J Insect Physiol* 19 (7): 1501-1509. Ref. July 1973

090713 421 J825
Choline & beta-methylcholine acetylation in pupae of moth, Celerio eurhobiae. Grzelak, K *J Insect Physiol* 19 (7): 1511-1517. Ref. July 1973

090714 421 J825
Locust flight oscillator: changes in motor output by certain pharmacological agents. [Locusta migratoria]. Kutsch, W *J Insect Physiol* 19 (7): 1519-1525. Ref. July 1973

090715 QH201.J6
Various mitochondrial types in an absorptive cell & description of a new regular pattern of cristae. [Petrobius maritimus]. (Fre) Cassier, P *J Microsc* 16 (3): 279-286. Ref. Eng. Sum. Mar 1973

090716 QH201.J6
Study, with labeled amino-acids, of proteinaceous intranuclear crystals systhesis in Tenebrio molitor L. (Fre) Thomas, D *J Microsc* 16 (3): 287-298. Ref. Eng. Sum. Mar 1973

090717 QH201.J6
Spermatozoon of Arthropoda. XXI. New accessory tubule patterns in sperm tail of Diplura. [Japyx, Campodea]. Baccetti, B *J Microsc* 16 (3): 341-344. Ref. Mar 1973

090718 442.8 J8224
Formation of rings from Drosophila DNA fragments. Lee, C S *J Mol Biol* 77 (1): 25-55. Ref. June 15, 1973

090719 444.8 J826
Stereotaxic map of muscle fibers in indirect flight muscles of Drosophila melanogaster. Levine, J D *J Morphol* 140 (2): 153-158. Ref. June 1973

090720 448.8 J824
Complete development of sporogonous stages of Hepatozoon rarefaciens cultured in a Culex pipiens cell line. Ball, G H *J Parasitol* 59 (3): 513-515. June 1973

090721 448.8 J824
Autogeny in soft ticks of genus Ornithodoros (Acari: Argasidae). Feldman-Muhsam, B *J Parasitol* 59 (3): 536-539. June 1973

090722 448.8 J824
Comparative fine structure of claw sensilla of a soft tick, Argas (Persicargas) Arboreus Kaiser, Hoogstraal, & Kohls, & a hard tick, Amblyomma americanum (L.). Axtell, R C *J Parasitol* 59 (3): 545-555. Ref. June 1973

090723 448.8 J824
Domparative fine structure of claw sensilla of a soft tick, Argas (Persicargas) arboreus Kaiser, Hoogstraal, & Kohls, & a hard tick, Amblyomma americanum (L.). Chu-Wang, I W *J Parasitol* 59 (3): 545-555. Ref. June 1973

090724 447.8 J82
Effects of fibre length & calcium ion concentration on dynamic response of glycerol extracted insect fibrillar muscle. Abbott, R H *J Physiol (london)* 231 (2): 195-208. Ref. June 1973

090725 421 J829
Feeding behaviour of predatory mite Acaropsis docta (Berlese). [Trogoderma granarium]. Kapil, R P *J Stored Prod Res* 9 (1): 1-6. June 1973

090726 421 J829
Light responses of Tribolium castaneum & Tribolium confusum (Coleoptera, Tenebrionidae): variation with age & sex. Arbogast, R T *J Stored Prod Res* 9 (1): 31-35. June 1973

090727 421 J829
Developmental period & moratility of Gnathocerus maxillosus (F.) (Coleoptera, Tenebrionidae) under various conditions of temperature & humidity. Ntifo, S E A *J Stored Prod Res* 9 (1): 51-59. Ref. June 1973

090728 99.8 N62
Daily observation on behaviors of Japanese pine Sawyer adult, Monochamus alternatus Hope. (Jap) Nishimura, M *Jap Forest Soc J* 55 (3): 100-104. Eng. Sum. Mar 1973

090729 99.8 N62
Biology of pine moth, Dendrolimus spectabilis, reared for successive 6 generations under long-day conditions. [Pinus]. (Jap) Iwata, Z *Jap Forest Soc J* 55 (4): 140-143. Apr 1973

090730 107.6 K832
On egg populations of smaller brown planthopper in wheat & barley. [Laodelphax striatellus]. (Jap) Koyama, T *Konosu Cent Agr Exp Sta J* 17: 123-133. Eng. Sum. Mar 1973

090731 410.9 L59
Some remarks on systematics of Mitostoma chrysomelas-group (Arachnida, Opilionida, Nemastomatidae). Meijer, J *Leiden Rijksmus Natuur Hist Zool Mededel* 46 (9): 117-127. Ref. Feb 28, 1973

090732 QL562.L4
A biotope, Lovengen. [Lepidoptera]. (Dan) Calov, J *Lepidoptera* 11 (5): 125-126. May 1973

090733 QL562.L4
Vapor lamp & its electrical fittings. [Entomology]. (Dan) Nielsen, K S *Lepidoptera* 11 (5): 127-132. May 1973

090734 QL651.M4
Larvae of Bombini. I. Interspecific variation in larval head characteristics of Bombus (Humenoptera: Apoidea). Stephen, W P *Melanderia* 13, 1-12. Ref. 1973

090735 QL651.M4
Larvae of Bombini. II. Developmental changes in preadult stages of Bombus griseocollis (Degeer). Stephen, W P *Melanderia* 13: 13-29. 1973

090736 440.8 Z3
Technique of methyl methacrylate embedding for serial sections of insects. (Ger) Dudel, H *Microsc Acta* 74 (2): 137-139. Eng. Sum. May 1973

090737 41.9 R923
Research in field of bee pathology. [Apis mellifera, diseases]. (Rus) Grobov, O F *Moscow Vses Inst Eksp Vet Tr* 40: 283-298. 1972

090738 QL536.M6
Functional interrelationships of substructures of mouthparts of larval mosquitoes. Gardner, C F *Mosq Syst News Lett* 5 (2): 183-186. June 15, 1973

090739 QL536.M6
Mosquito eggs. XXIII. Eggs of Toxorhynchites amboinensis containing two-headed monsters. Mattingly, P F *Mosq Syst News Lett* 5 (2): 197-199. June 15, 1973

090740 443.8 M98
Heterologous interchange & nondisjunction of distributively paired chromosomes in Drosophila melanogaster mature oocytes. Williamson, J H *Mutation Res* 18 (3): 273-277. Ref. June 1973

090741 443.8 M98
Radioprotective effect of six chemicals against X-ray-induced genetic damage in Drosophila melanogaster. Jacob, M *Mutation Res* 18 (3): 279-288. Ref. June 1973

090742 443.8 M98
Modification of radiation-induced genetic damage in Drosophila melanogaster male germ cells with nucleic acid precursors. II. Effects on post-meiotic cells. Rajaraman, R *Mutation Res* 18 (3): 289-299. Ref. June 1973

090743 500 N21P
Crossing-over between X & Y chromosomes during ribosomal DNA magnification in Drosophila melanogaster. Ritossa, F *Nat Acad Sci Proc* 70 (7): 1950-1954. Ref. July 1973

090744 500 N21P
A differential effect of heavy water on temperature-dependent & temperature-compensated aspects of circadian system of Drosophila pseudoobscura. Pittendrigh, C S *Nat Acad Sci Proc* 70 (7): 2037-2041. Ref. July 1973

090745 410 N2193
Alar-notal & tegmino-alar sound production in African Glauia & Acinipe (Acridoidea: Pamphagidae), with notes on other behaviour. Johnsen, P *Natur Jutlandica* 16: 59-80. Ref. 1973

090746 410 N2193
Aboveground activity of ant Lasius alienus (Forst) (Hymenoptera: Formicidae). Nielsen, M G *Natur Jutlandica* 16: 81-94. 1973

090747 410 N2193
An attempt to estimate energy flow through a population of workers of Lasius alienus Forst (Hymenoptera: Formicidae). Nielsen, M G *Natur Jutlandica* 16: 97-107. Ref. 1973

090748 474 N213
Direct transfer of gas forming ammonia from animals to plants. [Porcellio scaber, watercress]. (Ger) Wieser, W *Naturwissenschaften* 60 (5): 260-261. May 1973

090749 474 N213
Juvenile hormone analogue in diet of waxmoth galleria mellonella. Brieger, G *Naturwissenschaften* 60 (5): 261. May 1973

090750 474 N213
Effect of alpha-pinene exposure on transverbenol synthesis in Dendroctonus ponderosae Hpok. [Pinus monticola, Pinus lambertiana]. Hughes, P R *Naturwissenschaften* 60 (5): 261-262. May 1973

090751 464.8 T44
Studies on sterile-male technique as a means of control of Adoxyphyes orana F.R. (Lepidoptera, Tortricidae). 2. Dose response curves after irradiation of moths with X-rays or fast neutrons. [Fruit]. Snieder, D *Neth J Plant Pathol* 79 (4): 148-155. Ref. 1973

090752 22.5 N684
Secretion of meta-cresol by some ground beetles. [Carabidae]. (Jap) Kanehisa, K *Nogaku Kenkyu* 54 (4): 199-206. Ref. Mar 1973

090753 22.5 N684
Carbohydrate contents & oxygen consumption in hibernating larvae of rice stem-borer, Chilo suppressalis Walker. (Jap) Tsumuki, H *Nogaku Kenkyu* 55 (1): 31-40. Ref. Mar 1973

090754 QL750.O3
Food & energy turnover of phytophagous insects in beech forests. I. Investigations on populatons of weevils (Curculionidae) Rhynchaenus fagi L., Strophosomus (Schonherr) & Otiorrhynchus singularis L. [Fagus]. (Ger) Grimm, R *Oecologia* 11 (3): 187-262. Ref. Eng. Sum. 1973

090755 QL750.O3
Ecology & behavior of desert burrowing cockroach, Arenivaga sp. (Dictyoptera, Polyphagidae). Hawke, S D *Oecologia* 11 (3): 263-279. Ref. 1973

090756 410 OI4
A chromic oxide method for measuring consumption in dung-eating Aphodius larvae. Holter, P *Oikos* 24 (1): 117-122. Ref. 1973

090757 410 OI4
Diel & annual periodicity of larval quiescence in subarctic & middle European populations of Diura bicaudata (Plecoptera). (Ger) Schwarz, P *Oikos* 24 (1): 151-154. Eng. Sum. 1973

090758 410 OI4
Spatial & seasonal distribution of Diptera, Homoptera, & Hymenoptera in a moist shrub savanna. Ecological behaviour of winged insect populations in savannas of Ivory Coast. I. Duviard, D *Oikos* 24 (1): 42-57. Map. Ref. 1973

090759 410 OI4
Microdistribution & feeding of net-spinning caddisflies (Trichoptera) of a Canadian stream. Williams, N E *Oikos* 24 (1): 73-84. Ref. 1973

090760 410 OI4
Invertebrate movements & some diel & seasonal changes in a Sierra Nevada peatland. [Diptera]. Erman, D C *Oikos* 24 (1): 85-93. Map. Ref. 1973

090761 410 OI4
Emergence, reproduction, & growth of setipalpian Plecoptera in southern Ontario. Harper, P P *Oikos* 24 (1): 94-107. Ref. 1973

090762 421 P11
Ecological studies of Ctenosciara hawaiiensis (Hardy) (Diptera: Sciaridae). [Acacia koa]. Steffan, W A *Pacific Insects* 15 (1): 85-94. May 20, 1973

090763 99.8 P17
Ecological adjustment of termites in a mound. [Odontotermes feae, Hypotermes xenotermitis, Macrotermes serrulatus, Microtermes pakistanicus]. Chaudhry, M I *Pakistan J Forest* 22 (4): 463-466. Oct 1972

090764 QL757.A1P32
Microsporidia Thelihania sp., a parasite of larvae of Aedes excrucians Walker in Mary ASSR. (Rus) Khaliulin, G L *Parazitologiia* 7 (2): 180-182. Eng. Sum. Mar/Apr 1973

090765 424.8 P295
Multiple-colony bumblebee post. [Bombus]. (Rus) Grebennikov, V S *Pchelovodstvo* 9: 41-42. Sept 1972

090766 56.8 P343
Molting time of Agriotes larvae (Coleoptera, Elateridae). (Ger) Gorbunova, N N *Pedobiologia* 13 (1): 1-5. Eng. Sum. 1973

090767 SB931.A1P4
Bilogical note on fiddleback spider, Loxosceles rufescens Dufour. Luke, J E *Penn Pest Control Quart* 16 (1): 3, 7. Spring 1973

090768 382 P56
Photoreactivation of Drosophila melanogaster embryonic cells. Levin, V L *Photochem Photobiol* 17 (6): 461-463. Ref. June 1973

090769 TA5.I5
Effects of mechanical shock on chemistry of insects. [Tenebrio molitor, Periplaneta americana]. Newcombe, C L *Proc Annu Tech Meet Inst Environ Sci* 19Th: 218-222. 1973

090770 SB950.A1P3
Conference of West African cocoa entomologists. Youdeowei, A *PAns Pest Artic News Summ* 19 (2): 251-253. June 1973

090771 334.8 R11
'geographic' variation in sensitivity of X-irradiation in Tribolium. I. Differences in adult emergence due to species, strain, & age at pupation. [Tribolium castaneum, Tribolium confusum]. Soliman, M H *Radiat Res* 54 (3): 510-520. Ref. June 1973

090772 334.8 R11
'Geographic' variation in sensitivity to X-irradiation in Tribolium. II. Incidence of developmental abnormalities. [Tribolium confusum]. Soliman, M H *Radiat Res* 54 (3): 521-530. Ref. June 1973

090773 24 SO863
An investigation into training of entomologists in South Africa. Giliomee, J H *Repub S Afr Dep Agr Tech Serv Tech Commun* 104, 10 P. Mar 1973

090774 410 R324
Biology of lachryphagous Lepidoptera in Thailand & Malaya. (Ger) Banziger, H *Rev Suisse Zool* 79 (4): 1381-1469. Ref. Eng. Sum. Feb 1973

090775 501 L84B
Experimental studies in insect parsitism. XVI. mechanism of resistance of Nemeritis [canescens] to defence reactions. Salt, G *Roy Soc London Proc Ser B Biol Sci* 183 (1073): 337-350. Ref. July 3, 1973

090776 448.9 R813
Studies on anopheles punctulatus complex. I. Identification by proboscis morphological criteria & by cross-mating experiments. Bryan, J H *Roy Soc Trop Med Hyg Trans* 67 (1): 64-67. Map. Ref. 1973

090777 448.9 R813
Studies on Anopheles punctulatus complex. II. Hybridization of member species. Bryan, J H *Roy Soc Trop Med Hyg Trans* 67 (1): 70-84. Ref. 1973

090778 423.92 SO8
Biology & behaviour of Euplectrus species near laphygmae Ferrlere (Hemenoptera: Eulophidae). Neser, S *S Afr Dep Agr Tech Serv Entomol Mem* 32, 31 P. Ref. June 1973

090779 410.9 SA54T
Biology, geographical distribution, & status of Atteva exquisita (Lepidoptera: Yponomeutidae). Powell, J A *San Diego Soc Natur Hist Trans* 17 (13): 175-186. Ref. May 14, 1973

090780 424.8 SCH9
New on hornets. [Vespidae]. (Ger) Ryf, A *Schweiz Bienen-zeitung* 95 (11): 565-568. Nov 1972

090781 470 SCI2
Odor-following & anemotaxis. [Pectinophora gossypiella]. Grubb, T C *Science* 180 (4092): 1302. June 22, 1973

090782 470 SCI2
Nitrogen fixation in termites. [Kalotermes minor]. Benemann, J R *Science* 181 (4095): 164-165. July 13, 1972

090783 470 SCI2
Control circuits for determination & transdetermination. [Drosophila melanogaster]. Kauffman, S A *Science* 181 (4097): 310-318. Ref. July 27, 1973

090784 470 SCI2
Thermoperiodic control of diapuase in an insect: theory of internal coincidence. [Nasonia vitripennis]. Saunders, D S *Science* 181 (4097): 358-360. Ref. July 27, 1973

090785 420 EG9
Electrophoretic pattern of haemolymph proteins of Locusta migratoria migratorioides (Reiche & Fairm.) Orthoptera: Acridiidae. Eassa, Y E E *Soc Entomol Egypte Bull* 55: 1-17. Ref. 1971 (Pub. 1972)

090786 420 EG9
Ecology & biology of Chrotogonus lugubris Blanch. I. immature forms. Orthoptera: Pyrgomorphidae. Ibrahim, M M *Soc Entomol Egypte Bull* 55: 125-135. 1971 (Pub. 1972)

090787 420 EG9
Life-history of predatory mite, Chiapacheylus macrocorneus Zaher & Soliman. Acarina: Cheyletidae. Zaher, M A *Soc Entomol Egypte Bull* 55: 137-140. 1971 (Pub. 1972)

090788 420 EG9
Biological & ecological studies on Bruchidius incarnatus Boh. Coleoptera: Bruchidae. [Broadbeans]. El-Kifl, A H *Soc Entomol Egypte Bull* 55: 141-162. 1971 (Pub. 1972)

090789 420 EG9
Life-history of Xylocoris (Piezostethus) galactinus (Fieber). Hemiptera: Anthocoridae. Tawfik, M F S *Soc Entomol Egypte Bull* 55: 171-183. 1971 (Pub. 1972)

090790 420 EG9
Studies on potato tuber worm, Phthorimaea operculella (Zeller). Lepidoptera: Gelechiidae. Abul-nasr, S *Soc Entomol Egypte Bull* 55: 185-192. 1971 (Pub. 1972)

090791 420 EG9
Studies on haemolymph protein distribution of mature adult water-bug, Limnogeton fiberi Mayr, by filter paper electrophoresis Hemiptera: Belostomidae. Eassa, Y E E *Soc Entomol Egypte Bull* 55: 19-34. Ref. 1971 (Pub. 1972)

090792 420 EG9
On bionomics of sycamore fig psyllid Pauropsylla trichaeta Petty. Hemiptera: Psyllidae. [Ficus sycamorus]. Awadallah, K T *Soc Entomol Egypte Bull* 55: 193-199. 1971 (Pub. 1972)

090793 420 EG9
Biological studies on Danais chrysippus L. Lepidoptera: Danaidae. [Ipomoea bona-nox, Asclepias gigantea]. Swailem, S M *Soc Entomol Egypte Bull* 55: 211-218. 1971 (Pub. 1972)

090794 420 EG9
Nutritional effect of animal & plant diets on development & fecundity of Euborellia annulipes (Lucas). Dermaptera: Labiduridae. El-Husseini, M M *Soc Entomol Egypte Bull* 55: 219-229. 1971 (Pub. 1972)

090795 420 EG9
Seasonal occurrence of Aphis nerii Boyer in Giza region, (Egypt). Hemiptera-Homopteera: Aphididae. [Nerium oleander, Asclepias gigantea, Pomoea bonanox]. Ismail, I I *Soc Entomol Egypte Bull* 55: 231-238. 1971 (Pub. 1972)

090796 420 EG9
Life-history of anthocorid predator. Blaptostethus piceus Fieber var. Pallescens Poppius. Hemiptera: Anthocoridae. [Corn]. Tawfik, M F S *Soc Entomol Egypte Bull* 55: 239-252. 1971 (Pub. 1972)

090797 420 EG9
Life-history of Pollenia dasypoda Portochisky, a parasite of earth worm, Allolobophora caliginiosa (Sav.). Diptera: Calliphoridae. Tawfik, M F S *Soc Entomol Egypte Bull* 55: 275-287. 1971 (Pub. 1972)

090798 420 EG9
Characteristics, sex, differenciation & colour variations in adults of olive fruit fly, Dacus oleae (Gmel.). Diptera: Trypetidae. El-Sawaf, S K *Soc Entomol Egypte Bull* 55: 289-295. 1971 (Pub. 1972)

090799 420 EG9
Age-grouping investigations on Anopheles subpictus subpictus Grassi & Anopheles annularis Wulp. Diptera: Culicidae. Shalaby, A M *Soc Entomol Egypte Bull* 55: 297-304. 1971 (Pub. 1972)

090800 420 EG9
Fecundity of Tetranychus arabicus Attiah & Tetranychus cucurbitacearum (Sayed) under different temperatures. Acarina. Wafa, A K *Soc Entomol Egypte Bull* 55: 317-320. 1971 (Pub. 1972)

090801 420 EG9
Ecology & biology of Chrotogonus lugubris Blanch. II. Food preference. Ibrahim, M M *Soc Entomol Egypte Bull* 55: 331-337. Ref. 1971 (Pub. 1972)

090802 420 EG9
Feeding sites of mealy plum aaphid, Hyalopterus pruni (Geoffroy) with respect to its alternative host plants in Egypt. Hemiptera: Aphididae. El-Kady, E A *Soc Entomol Egypte Bull* 55: 35-40. 1971 (Pub. 1972)

090803 420 EG9
Nesting behaviour of Osmia latreillei Spin. & Osmia submicans Mor. Hymenoptera: Megachilidae. Wafa, A K *Soc Entomol Egypte Bull* 55: 363-372. Ref. 1971 (Pub. 1972)

090804 420 EG9
Temperature & relative humidity as factors influencing termination of diapause in pink bollworm. Lepidoptera: Gelechiidae. [Pectinophora gossypiella]. Metwally, A G *Soc Entomol Egypte Bull* 55: 373-377. 1971 (Pub. 1972)

090805 420 EG9
Some biological aspects of two local wild bees with reference to immature stages of Osmia submicans Mor. Hymenoptera: Megachilidae. [Osmia laterillei]. Wafa, A K *Soc Entomol Egypte Bull* 55: 379-392. 1971 (Pub. 1972)

090806 420 EG9
Biology of red spider mite, Oligonychus mangiferus (R. & S.). Acarina: Tetranychidae. Zaher, M A *Soc Entomol Egypte Bull* 55: 393-401. 1971 (Pub. 1972)

090807 420 EG9
Biology of brown dog tick Rhipicephalus s. sanguineus. Nassar, M S *Soc Entomol Egypte Bull* 55: 409-418. 1971 (pub. 1972)

090808 420 EG9
Nutritional value of certain crops on lesser cotton leaf worm, Spodoptera exigua Hbn. Lepidoptera: Noctuidae. Hassanein, M H *Soc Entomol Egypte Bull* 55: 41-48. 1971 (Pub. 1972)

090809 420 EG9
Biology of Autographa chalcites L. in Alexandria region. Lepidoptera: Noctuidae. Rashid, F F *Soc Entomol Egypte Bull* 55: 419-426. 1971 (Pub. 1972)

090810 420 EG9
Biology of Asterolecanium pustulans Cockerell in Alexandria district. Hemiptera-Homoptera: Asterolecaniidae. [Figs]. El-Minshawy, A M *Soc Entomol Egypte Bull* 55: 441-446. 1971 (Pub. 1972)

090811 420 EG9
Biology of Autographa gamma L. in Alexandria region. Lepidoptera: Noctuidae. Rashid, F F *Soc Entomol Egypte Bull* 55: 455-459. 1971 (Pub. 1972)

090812 420 EG9
Biology of Hemiberlisia latanise (Sig.) in Alexandria district. Hemiptera-Homoptera-Diaspididae. [Fruit]. El-Minshawy, A M *Soc Entomol Egypte Bull* 55: 461-467. 1971 (Pub. 1972)

090813 420 EG9
Life-history of predatory mite, Cheyletus malaccensis oudemans. Acarina: Cheyletidae. Zaher, M A *Soc Entomol Egypte Bull* 55: 49-53. Ref. 1971 (Pub. 1972)

090814 420 EG9
Biological studies on a leaf mining diptera, Liriomyza trifolii Burgess attacking beans in Egypt. Diptera: Agromyzidae. Dimetry, N Z *Soc Entomol Egypte Bull* 55: 55-69. 1971 (Pub. 1972)

090815 420 EG9
Blood protein estimation in the African migratory locust, Locusta migratoria migratorioides (R. and F.). Orthoptera: Acridiidae. Eassa, Y E E *Soc Entomol Egypte Bull* 55: 71-78. Ref. 1971 (Pub. 1972)

090816 420 EG9
Abundance & population density of three lepidopterous insects in Upper-Egypt. Lepidoptera: Noctuidae. [Agrotis ipsilon, Spodoptera exigua, Spodoptera littoralis]. Hassanein, M H *Soc Entomol Egypte Bull* 55: 79-83. 1971 (Pub. 1972)

090817 420 EG9
Life-history of predatory mite, Cheletogenes ornatus (Canestrini & Fanzago). Acarina: Cheyletidae. Zaher, M A *Soc Entomol Egypte Bull* 55: 85-89. 1971 (Pub. 1972)

090818 420 EG9
Effect of kind of food on life cycle of lesser cotton leaf worm, Spodoptera exigua Hbn. Lepidoptera: Noctuidae. Hassanein, M H *Soc Entomol Egypte Bull* 55: 91-94. 1971 (Pub. 1972)

090819 420 F84B
Aberration of melanization in a localized population of Ischnura elegans (v.d. L.) (Odonata Zygoptera Agrionidae): preliminary studies. (Fre) Inagaki, H *Soc Entomol France Bull* 77 (9/10): 261-264. Nov/Dec 1972

090820 420 F84B
Contribution to ecological study of troglobiont Coleoptera Trechidae Trichaphaenops cerdonicus Abeille, 1903. (Fre) Bouvet, Y *Soc Entomol France Bull* 77 (9/10): 264-270. Map. Nov/Dec 1972

090821 511 H365ME
Accessions to Zoological Museum, University of Helsinki (Helsingfors) in 1971 – 1972. [Entomology]. Bergman, G *Soc Fauna Flora Fenn Mem* 48: 95-98. 1972

090822 QH431.A1G43
Antennopedix: a new homoeotic mutation in Drosophila melanogaster. Stepshin, V P *Sov Genet* 6 (9): 12-1218. Ref. Sept 1970 Transl. May 1973

090823 QH431.A1G43
Structural modifications of homologous loci of third chromosome in nuclei of salivary glands of hybrids from cross of Drosophila & Drosophila texanan. Poluektova, E V *Sov Genet* 6 (9): 1219-1225. Ref. Sept 1970 Transl. May 1973

090824 QH431.A1G43
The different nature of the mutation process induced by methyl methanesulfonate in sperms and spermatids of Drosophila melanogaster. Abeleva, E A *Sov Genet* 6 (9): 1226-1230. Ref. Sept 1970 Transl. May 1973

090825 QH431.A1G43
Spontaneous formation of isochromosomes of second pair in females of Drosophila melanogaster with normal & with structurally altered genotypes. Chadov, B F *Sov Genet* 6 (9): 1267-1268. Sept 1970 Transl. May 1973

090826 385 T29
Longilobol, a new sesquiterpene triol from Artemisia longiloba (Osterhout) beetle. Shafizadeh, F *Tetrahedron Lett* 24: 2171-2174. June 1973

090827 513 T574AB
Ecological studies on gonotrophic cycle of mosquito, Culex tritaeniorhynchus summorosus Dyar, in relation to ovarian condition. Yajima, T *Tohoku Univ Sci Rep Ser 4 (Biol)* 36 (4): 241-253. Ref. May 1973

090828 464.9 C433
Studies on artificial diets & laboratory rearing methods suitable for successive generations of rice stem borer. Chilo suppressalis Walker. [Biological control]. (Jap) Kamano, S *Tokyo Nat Inst Agr Sci Bull Ser C (Plant Pathol Entomol)* 27: 1-51. Ref. Eng. Sum. Mar 1973

090829 156.2 SP33
Studies on collection, rearing, & biology of blackfly (Cnephia ornithophilia). Tarshis, I B *U S Fish Wildl Serv Spec Sci Rep Wildl* 165, 16 P. 1973

090830 474 UM7
Cicadidae live with inheritance of their symbionts. (Ger) Schwemmler, W *Umschau* 73 (14): 438-439. Eng. Sum. July 15, 1973

090831 442.8 UZ1
Nematodes of Melolontha afflicta Ball. In Tashkent Region. (Rus) Guliamova, D B *Uz Biol Zhur* 1: 51-529 1973

090832 448.8 V81
Evidence of multiplication of sowthistle yellow vein virus in an inefficient aphid vector, Macrosiphum euphorbiae. Behncken, G M *Virology* 53 (2): 405-412. Ref. June 1973

090833 448.8 V81
Aspects of developmental morphology of California encephalitis virus in cultured vertebrate & arthropod cells & in mouse brain. [Aedes albopictus]. Lyons, M J *Virology* 54 (1): 37-52. Ref. July 1973

090834 99.8 W145
Institute for Applied Zoology of Wurzburg University. [Forest insects]. (Ger) Kneitz, G *Waldhygiene* 9 (5/8): 131-139. 1972

090835 99.8 W145
Studies on size distribution in outdoor female workers of forest ant Formica polyctena Foerster (Hymenoptera, Formicidae). (Ger) Horstmann, K *Waldhygiene* 9 (5/8): 193-201. Ref. 1972

090836 99.8 W145
A tranquillizer for forestry with pictures of life of red forest ant. [Formica polyctena]. (Ger) Reisch, J *Waldhygiene* 9 (5/8): 239-246. 1972

090837 99.8 W145
Influence of Gosswald School on ant research in Bulgaria. [Formicidae, forest protection]. (Ger) Wesselinoff, G *Waldhygiene* 9 (5/8): 257-259. 1972

090838 442.8 Z33D
Cytoplasmic architecture of egg cell of Smittia spec. (Diptera, Chironomidae). 1. Anterior & posterior pole regions. Zissler, D *Wilhelm Roux' Arch Entwicklungsmech Organismen* 172 (3): 175-186. Ref. 1973

090839 442.8 Z33D
Behaviour in aggregates of irradiated imaginal disk cells of Drosophila. [Melanogaster]. Morata, G *Wilhelm Roux' Arch Entwicklungsmech Organismen* 172 (3): 187-195. Ref. 1973

090840 442.8 Z33D
Behaviour in aggregates of irradiated imaginal disk cells of Drosophila. [Melanogaster]. Morata, G *Wilhelm Roux' Arch Entwicklungsmech Organismen* 172 (3): 187-195. Ref. 1973

090841 442.8 Z33D
Freeze-conservation of imaginal discs & larval ovaries in Drosophila melanogaster. (Ger) Bruschweiler, W *Wilhelm Roux' Arch Entwicklungsmech Organismen* 172 (3): 196-222. Ref. Eng. Sum. 1973

090842 442.8 Z33D
Freeze-conservation of imaginal discs & larval ovaries in Drosphila melanogaster. (Ger) Bruschweiler, W *Wilhelm Roux' Arch Entwicklungsmech Organismen* 172 (3): 196-222. Ref. Eng. Sum. 1973

090843 442.8 Z33D
Metamorphosis of protein pattern of haemolymph & fat body in Ephestia kuhniella Z. (Ger) Colln, K *Wilhelm Roux' Arch Entwicklungsmech Organismen* 172 (3): 231-257. Ref. Eng. Sum. 1973

090844 449.9 W892B
Genetic manipulation of Aedes aegypti: incorporation & maintenance of a genetic marker & a chromosomal translocation in natural populations. [Biological control]. Rai, K S *World Health Organ Bull* 48 (1): 49-56. Ref. 1973

090845 421 Z36
Radiative temperatures of butterfly wings. Clark, J A *Z Angew Entomol* 73 (3): 327-332. June 1973

090846 449.8 Z36
Dr. Fritz Zumpt 65 years old. [Entomologists]. (Ger) Weyer, F *Z Angew Zool* 60 (1): 1-4. 1973

090847 442.8 Z33F
Influence of two endoparasites on development of gonads in larvae of Epiblema tedella Cl. [Lepidoptera, Tortricidae). (Ger) Fuhrer, E *Z Parasitenk* 41 (3): 187-206. Ref. Eng. Sum. 1973

090848 442.8 Z33F
Mucopolysaccharide secretion in female genital system of Pimpla turionellae L. (Hymenoptera, Ichnewmonidae). (Ger) Fuhrer, E *Z Parasitenk* 41 (3): 207-213. Ref. Eng. Sum. 1973

090849 448.8 Z37
Hydrochemical living conditions of immature stages of Boophthora erythrocephala De Geer (Diptera, Simuliidae). 2. Development of a technique for rearing under experimental conditions. (Ger) Grunewald, J *Z Tropenmed Parasitol* 24 (2): 232-249. Ref. Eng. Sum. June 1973

090850 410 Z751Z
Studies on neurohormonal regulation of RNA synthesis in prothoracic gland of Periplaneta americana L. (Ger) Brauer, R *Zool Jahrbucher Abt Allg Zool Physiol Tiere* 77 (2): 107-144. Ref. Eng. Sum. 1973

090851 410 Z751Z
Juvenile hormone as gonadotropic factor in larvae of heterogonic gallmidge Heteropeza pybmaea Winnertz 1846 (Ciptera: Cecidomyiidae). (Ger) Pohlhammer, K *Zool Jahrbucher Abt Allg Zool Physiol Tiere* 77 (2): 145-152. Ref. Eng. Sum. 1973

090852 410 Z751
Comparative morphological studies of sensory innervation of body wall of larvae of Rhyacophila nubila Zett. (Trichoptera) und Galleria mellonella L. (Lepidoptera). (Ger) Hasenfuss, I *Zool Jahrbucher Abt Anat Ontog Tiere* 90 (2): 175-253. Ref. 1973

090853 410 Z751
Spermathecae of Dysdercus in relation to mating & egg laying. Gupta, D P *Zool Jahrbucher Abt Anat Ontog Tiere* 90 (2): 343-350. Ref. 1973

090854 410 Z751
Postembryonic development of genital system in species: Xysticus cambridgei, Pardosa lugubris & Steatoda castanea (Arachnida, Araneae). (Fre) Traciuc, E *Zool Jahrbucher Abt Anat Ontog Tiere* 90 (2): 360-370. Eng. Sum. 1973

090855 410 Z712
Autoradiografic studies of RNA metabolism in ovaries of Drodophila melanogaster in culture in vitro. Ogorzalek, A *Zool Pol* 22 (4): 271-285. Ref. 1973

090856 410.9 T57
Studies on determination of seasonal forms in butterfly, Araschnia burejana Bermer. (Jap) Keino, H *Zool Soc Jap Zool Mag* 82 (1): 48-52. Eng. Sum. Mar 1973

090857 410.9 T57
Relation between accumulation of secretory fluid in accessory gland of female genital organ & activity of corpus allatum in Polygonia c-aureum L. (Jap) Endo, K *Zool Soc Jap Zool Mag* 82 (1): 53-58. Eng. Sum. Mar 1973

TAXONOMIC ENTOMOLOGY

090858 512 W262
On some Palaearctic species of genus Kybos Fieb. (Auchenorrhyncha, Cicadellidae, Typhlocybinae). Dworakowska, I *Acad Polon Sci Bull Ser Sci Biol* 21 (3): 235-244. 1973

090859 505 P21 (3)
Study of polymorphism in Danaus chrysippus L.: (Lepidoptera Danaidae): Areas of distribution & infraspecific categories in Africa. (Fre) Pierre, J *Acad Sci (paris) C R Ser D* 276 (19): 2685-2687. Map. May 9, 1973

090860 434.8 AC8
Opiliones of Izu Peninsula, central Japan. (Jap) Suzuki, S *Acta Arachnologica* 24 (2): 41-50. Ref. Eng. Sum. Dec 25, 1972

090861 434.8 AC8
Revision of some Japanese araneid spiders. [Araneus]. (Jap) Yaginuma, T *Acta Arachnologica* 24 (2): 51-59. Ref. Eng. Sum. Dec 25, 1972

090862 434.8 AC8
A redescription of 'Trithyreus sawadai' (Urophygi: Schizo midae) from Bonin Islands. Sekiguchi, K *Acta Arachnologica* 24 (2): 73-81. Dec 25, 1972

090863 434.8 AC8
Two new cave spiders from Okinawa Island, (genera Falcileptoneta [okinawaensis] & Masirana [longipalpis], (leptonetidae). Komatsu, T *Acta Arachnologica* 24 (2): 82-85. Dec 25, 1972

090864 434.8 AC8
One new species & a new subspecies of oribatid mites (Acari, Oribatei) from West Bengal, India. [Cosmochthonius bengalensis]. Chakrabarti, D K *Acta Arachnologica* 24 (2): 86-90. Dec 25, 1972

090865 442.8 AC86
Fauna catalog of genus Andrena Fabricius (hymenoptera catalog, XXVI.). (Ger) Moczar, L *Acta Biol (Szeged)* (New Ser.) 18 (1/4): 185-221. Map. Ref. 1972

090866 420 C33
Tingis sideritis sp. n. From Bulgaria (Heteroptera, Tingidae). Stusak, J M *Acta Entomol Bohemoslov* 70 (3): 196-204. 1973

090867 420 C33
Immature stages of Karachicoris seidenstueckeri Stys (Heteroptera, Lygaeidae. Lygaeinae) from Pakistan. Hamid, A *Acta Entomol Bohemoslov* 70 (3): 205-208. 1973

090868 420 C33
Symmetrischema capsicivorum sp. n. (Lepidoptera, Gelechiidae), a new insect pest of red pepper from Neotropical Region. Povolny, D *Acta Entomol Bohemoslov* 70 (3): 209-213. 1973

090869 420 C33
Norellisoma seguyi, sp. n. from Yugoslavia (Diptera, Scatophagidae). (Fre) Sifner, F *Acta Entomol Bohemoslov* 70 (3): 214-216. 1973

090870 421 AC8
Subfossil forest insects from Piilonsuo Moor in southern Finland. (Ger) Koponen, M *Acta Entomol Fenn* 29, 84 P. Map. Ref. Eng. Sum. 1973

090871 409.6 AC8
Macrobenthos of ponds with sugar factory wastes. [Chironomidae, Poland]. Zieba, J *Acta Hydrobiol* 15 (1): 113-129. Ref. 1973

090872 410 AC85
Dolichopodidae species (Diptera) from Monogolian Peoples's Republic. (Ger) Negrobov, O P *Acta Zool (budapest)* 19 (1/2): 133-153. Eng. Sum. 1973

090873 410 AC85
Vilma n. gen. for Vigselina willemsei Gunther, 1937 (Orthoptera, Tetricidae). (Ger) Steinmann, H *Acta Zool (budapest)* 19 (1/2): 167-169. Eng. Sum. 1973

090874 410 AC85
Prototrupoidea fauna of Mongolia (Hymenoptera). I. (Ger) Szabo, J B *Acta Zool (budapest)* 19 (1/2): 171-179. Eng. Sum. 1973

090875 410 AC85
On torymid-fauna of Mongolia (Hymenoptera: Chalcidoidea). Szelenyi, G *Acta Zool (budapest)* 19 (1/2): 181-203. 1973

090876 410 AC85
A new subgenus Nebria [catenulata pektusanica] (Coleoptera, Carabidae) from Korea. (Ger) Horvatovich, S *Acta Zool (budapest)* 19 (1/2): 19-22. Ref. Eng. Sum. 1973

090877 410 AC85
Phasiana roesleri sp. n. (Lepidoptera: Geometridae) from Bulgaria. Vojnits, A *Acta Zool (budapest)* 19 (1/2): 205-210. Ref. 1973

090878 410 AC85
A new species & subspecies in genus Lycia Hbn. (Lepidoptera: Geometridae). Vojnits, A *Acta Zool (budapest)* 19 (1/2): 211-215. 1973

090879 410 AC85
Tenebrionidae (Coleoptera) from Nepal. (Ger) Kaszab, Z *Acta Zool (budapest)* 19 (1/2): 23-74. Ref. Eng. Sum. 1973

090880 410 AC85
Mites living on insects from Africa (Acari, Acarida, Tarsonemida). I. (Ger) Mahunka, S *Acta Zool (budapest)* 19 (1/2): 75-123. Eng. Sum. 1973

090881 410 AC85
Identification of lectotypes from collection of H. Burmeister: Oryctini & Dynastini (Coleoptera, Melolonthidae). (Ger) Endrodi, S *Acta Zool (budapest)* 199 (1/2): 11-17. Eng. Sum. 1973

090882 22 AG823
Taxonomic observations on family Delphacidae with special reference to wing venation & male genitalia. Mammen, K V *Agric Res J Kerala* 9 (2): 72-75. Ref. Sept 1971 (Pub. Feb 1973)

090883 442.8 AL6
New data on tachina flies in Fergana valley. [Tachininae, Dexiinae, Phasiinae]. (Rus) IUldashev, E *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 3: 50-52. 1973

090884 442.8 AL6
Cicadinea of Zaaminsk mountain-forest preserve. (Rus) Dubovskii, G K *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 3: 53-57. 1973

090885 442.8 AL6
Species & dynamics of numberical strength of blood-sucking ticks in Kashka-Darya region. [Hyalomma, Rhipicephalus, Ornitodorus]. (Rus) Urakov, S *Akad Nauk Kaz Ssr Izv Ser Biol Nauk* 3: 73-74. 1973

090886 421 AL2
Remarks on Apatura ilia in Champagne (Nymphalidae). (Fre) Deize, G *Alexanor* 8 (1): 1-2. 1973

090887 421 AL2
In Ardenne forest. [Lepidoptera]. (Fre) Duquef, M *Alexanor* 8 (1): 15-18. 1973

090888 421 AL2
Third contribution to study of Nictuidae of Hautes-Vosges. (Fre) Perrette, L *Alexanor* 8 (1): 23-29. Map. 1973

090889 421 AL2
Lepidoptera of Franco-Belgian Gaume (zoogeographical sketch & list of species). [Geometridae]. (Fre) Heim de Balsac, H *Alexanor* 8 (1): 3-14. 1973

090890 421 AL2
Note on distribution area of Saturnia pyri in Sarre (Saarland) (Lepidoptera Attacidae). (Fre) Schmidt-Koehl, W *Alexanor* 8 (1): 30-34, Map. Ref. 1973

090891 421 AL2
Erebia aethiops sapaudia Frhst. New morvina race (Nymphalidae). (Fre) Willien, P *Alexanor* 8 (1): 35-38. 1973

090892 500 N483B
A review of Mesoamerican & South American black flies of tribe Prosimuliini (Simuliinae, Simuliidae). Wygodzinsky, P *Amer Mus Natur Hist Bull* 151 (2): 131-199. Ref. 1973

090893 436.8 AN7
Description of male of Stivalius vancanneyti Berteaux 1947 (Siphonaptera, Pygionpsyllidae). (Fre) Beaucournu, J C *Ann Parasitol Hum Comp* 48 (1): 175-178. Eng. Sum. Jan/Mar 1973

090894 421 W633
Lithocolletis (Phyllonorycter) macedonica n. sp. (Ger) Deschka, G *Arbeitsgemeinsch Osterr Entomol Z* 23 (4): 105-107. 1971 (Pub. 1973)

090895 421 W633
What is Erma abdita Navas, 1918? (Insecta, Neuroptera, Raphidoptera). (Ger) Aspock, H *Arbeitsgemeinsch Osterr Entomol Z* 23 (4): 107-113. Ref. Eng. Sum. 1971 (Pub. 1973)

090896 421 W633
From my research trip to Nepal in 1970 & 1971 collected Scydmaenidae & some north Indian representatives of this family (Coleoptera, Scydmaenidae). (Ger) Franz, H *Arbeitsgemeinsch Osterr Entomol Z* 23 (4): 113-156. Map. 1971 (Pub. 1973)

090897 100 AR42SP
Species of Carabidae (Insects: Coleoptera) in University of Arkansas insect collection. Allen, R T *Ark Agr Exp Sta Spec Rep* 19, 46 P. June 1973

090898 410 AU73
Distribution of three species of reptile ticks, Aponomma hydrosauri (Denny), Amblyomma albolimbatum Neumann, & Amblyomma limbatum Neumann. I. Distribution & hosts. Smyth, M *Australian J Zool* 21 (1): 91-101. Ref. Mar 1973

090899 424.8 B399
Trap-nesting solitary bees for students of biology. [Megachilidae]. Williams, I H *Bee World* 53 (3): 123-135. Ref. 1972

090900 410.9 B45
Bee fauna of Macedonia. (Colletidae. Andrenidae, Melittidae/Apoidea). (Ger) Warncke, K *Berlin Zool Mus Mitt* 49 (1): 13-36. 1973

090901 410.9 B45
New Lamiinae from collections of Zoological Museum at Humboldt University, Berlin. (Coleoptera, Cerambycidae). (Ger) Breuning, S *Berlin Zool Mus Mitt* 49 (1): 37-40. 1973

090902 410.9 B45
New forms of Lamiinae (Coleoptera). (Ger) Breuning, S *Berlin Zool Mus Mitt* 49 (1): 41-45. 1973

090903 410.9 B45
Some Siphonaptera from Mongolia: results of Mongolian-German Biological Expeditions since 1962, no. 62. Smit, F G A M *Berlin Zool Mus Mitt* 49 (1): 47-48. 1973

090904 410.9 B45
Defractosiphon rugosus n. sp. (Homoptera, Aphididae) from Peucedanum officinale. (Ger) Muller, F B *Berlin Zool Mus Mitt* 49 (1): 69-79. Eng. Sum. 1973

090905 410 B52
Spiders of Belgium. 1. [Areneida]. (Fre) Jocque, R *Biol Jaarb* 40: 214-223. Eng. Sum. 1972

090906 410 B52
Modern opinions concerning taxonomy of Hexapoda (Insecta). (Dut) Kiriakoff, S G *Biol Jaarb* 40: 240-253. Ref. 1972

090907 500 W272
Studies of neotropical caddisflies. XVI. genus Austrotinodes (Trichoptera: Psychomyiidae). Flint, O S *Biol Soc Wash Proc* 86 (11): 127-142. Ref. May 31, 1973

090908 QL461.B7
Memories of collecting in Britain during past fifty years. [Insects]. Worms, C G M de *Br Entomol Nat Hist Soc Proc Trans* 6 (1): 1-15. May 1973

090909 QL461.B7
Microlepidoptera of Wicken Fen supplement for 1972. Emmet, A M *Br Entomol Nat Hist Soc Proc Trans* 6 (1): 16-17. May 1973

090910 QL461.B7
Molophilus lackschewitzianus Alexander 1952 (Diptera: Tipulidae) new to British Isles. Stubbs, A E *Br Entomol Nat Hist Soc Proc Trans* 6 (1): 18-19. May 1973

090911 500 B76
Fleas of Venezuela. Tipton, V J *Brigham Young Univ Sci Bull Biol Ser* 17 (6), 115 P. Ref. Sept 1972

090912 410.9 B772B
Gunong Benom Expedition 1967. 12. Notes on zoogeography, convergent evolution ant: taxonomy of fleas (Siphonaptera), based on collections from Gunong Benom & elsewhere in Southeast Asia. II. Convergent evolution. Traub, R *Brit Mus (natur Hist) Bull Zool* 23 (10): 307-387. Ref. 1972

090913 410.9 B772B
Gunong Benom Expedition 1967. 13. Notes on zoogeography, convergent evolution & taxonomy of gleas (Siphonaptera), based on collections from Gunong Benom & elsewhere in Southeast Asia. III. Zoogeography. Traub, R *Brit Mus (natur Hist) Bull Zool* 23 (11): 389-450. Ref. 1972

090914 420 B773
Revisional notes on African Charaxes (Lepidoptera: Nymphalidae). VIII. Van Someren, V G L *Brit Mus (Natur Hist) Bull Entomol* 27 (4): 215-264. Maps. Ref. 1972

090915 410 B874
Lectotype fixations for Papilio midamus Linnaeus & Papilio mulciber Cramer (Insecta; Lepidoptera). Cowan, C F *Bull Zool Nomencl* 30 (Pt. 1): 10-12. Ref. July 6, 1973

090916 410 B874
Request that International Commission rule to correct homonymy in family-group name Drepanidae, currently in use in Insecta & Pisces Z. N. [Zoological Nomenclature] (S.) 1958. Gruchy, C G *Bull Zool Nomencl* 30 (Pt. 1): 35-36. July 6, 1973

090917 410 B874
Macgillivraya grote, 1894 (Insecta, Collembola): proposed suppression under plenary powers. Ellis, W N *Bull Zool Nomencl* 30 (Pt. 1): 39-41. Ref. July 6, 1973

090918 410 B874
Haematopinus eurysternus (Denny, 1842) (Haematopinidae, Anoplura, Insecta): proposed validation under plenary powers. Kim, K C *Bull Zool Nomencl* 30 (Pt. 1): 42-46. July 6, 1973

090919 410 B874
Rhopalidia lepeletier, 1836 (Hymenoptera: Vespidae): proposed suppression under plenary powers. Richards, O W *Bull Zool Nomencl* 30 (Pt. 1): 49-50. July 6, 1973

090920 410 B874
Formica maxima Moore, 1842 (Insecta, Hymenoptera): proposed suppression under plenary powers in accordance with article 23(a-b). Ride, W D L *Bull Zool Nomencl* 30 (Pt. 1): 58-60. Ref. July 6, 1973

090921 410 B874
Application for conservation of generic name Striglina guenee, 1877 (Lepidoptera, Thyrididae, Striglinae). Whalley, P E S *Bull Zool Nomencl* 30 (Pt. 1): 61-62. July 6, 1973

090922 410 B874
Crinocerus Burmeister 1839 (Insecta: Hemiptera-Heteroptera: Coreidae): a request for validation of commonly used type-species. O'Shea, R *Bull Zool Nomencl* 30 (Pt. 1): 63-64. July 6, 1973

090923 500 C12P
Genus Mecas LeConte (Coleoptera: Cerambycidae). Chemak, J A *Calif Acad Sci Proc* 39 (12): 141-184. Map. Ref. July 9, 1973

090924 421 C16
Two new American bruchids in Sordidus group of Stator (Coleoptera: Bruchidae) with notes on other species. [Stator vachelliae]. Bottimer, L J *Can Entomol* 105 (4): 545-551. Apr 1973

090925 421 C16
New species & records of New World Micropeplinae (Coleoptera: Staphylinidae). [Micropeplus volcanus, Micropeplus smetanai]. Campbell, J M *Can Entomol* 105 (4): 569-576. Apr 1973

090926 421 C16
New species of Cyrtinus Leconte from Mexico & Venezuela (Coleoptera: Cerambycidae). [Cyrtinus araguaensis, Cyrtinus querci]. Howden, H F *Can Entomol* 105 (4): 595-597. Apr 1973

090927 421 C16
American species of Dioryctria (Lepidoptera: Pyralidae). IV. schuetzeella group & taxonomic status of spruce cone moth. [Dioryctria reniculelloides]. Mutuura, A *Can Entomol* 105 (4): 653-668. Ref. Apr 1973

090928 421 C16
A new genus & species of Odontiinae from Arkansas (Lepidoptera: Pyralidae). [Necympopteryx heitzmani]. Munroe, E *Can Entomol* 105 (4): 669-671. Apr 1973

090929 421 C16
Nemobiinae (Orthoptera: Gryllidae) of Canada. Vickery, V R *Can Entomol* 105 N4): 623-645. Map. Apr 1973

090930 442.9 C16J
Taxonomy & ecology of three new species of Monodiamesa Kieffer, with keys to Nearctic & Palaearctic species of genus (Diptera: Chironomidae). Saether, O A *Can Fish Res Bd J* 30 (5): 665-679. Ref. May 1973

090931 410.9 C33
First finding of a Cupidae in Neogene Europe (Coleoptera, Cupedidae). (Ger) Ponomarenko, A G *Cesk Spolecnosti Zool Vestnik* 37 (2): 101-103. 1973

090932 410.9 C33
Two new systematic groups of gonyleptomorphid phalangids from Antillean-Caribbean region, Agoristenidae fam. n. & Caribbiantinae subfam. n. (Arachn.: Opilionidea). Silhavy, V *Cesk Spolecnosti Zool Vestnik* 37 (2): 110-143. 1973

090933 410.9 C33
Tardigrada in High Tatra localities bare of snow with a description of Itaquascon pawlowskii sp. no. Weglarska, R *Cesk Spolecnosti Zool Vestnik* 37 (2): 150-154. 1973

090934 65.8 C41
A summary on insect pests of sugarcane. (Chi) Chang, T C *Che Pao (sugar Cane Bull)* 41 (6): 12-15. June 5 1973

090935 475 SA2
Butterflies of Kenting, Taewan. 3. (Jap) Matsui, M *Coll & Breed (tokyo)* 35 (4): 76-79. Apr 1973

090936 99.9 EH3
Lepidoptera of Ehime University Forest. (Jap) Ishihara, T *Ehime Univ Coll Agr Forest Bull* 10: 41-58. Mar 1973

090937 99.9 EH3
Ondonata of Ehime University Forest. (Jap) Ishihara, T *Ehime Univ Coll Agr Forest Bull* 10: 59-60. Mar 1973

090938 QL461.E58
Tachycines (Tachycines) meditationis n. sp., a new Rhaphidophoridae (Saltatoria) from China. (Ger) Wurmli, M *Entomol Gesell Basel* New Ser. 23 (1): 1-9. Eng. Sum. Mar 1973

090939 421 H17
Archidispus pterostichi sp. N. And henus Archidispus Karafiat, 1959 (Acarina, Trombidiformes, Scutacaridae). (Ger) Rack, G *Entomol Mitt Zool Mus Hamb* 4 (80): 319-326. Eng. Sum. Jan 30, 1973

090940 421 H17
Colombian Membracidae fauna. 2. genus Sphonogophorus Fairmaire, 1846. (Ger) Strumpei, H *Entomol Mitt Zool Mus Hamb* 4 (80): 327-350. Jan 30, 1973

090941 421 EN88
A review of genus Bryothinusa with descriptions of three new species (Coleoptera: Staphylinidae). Moore, I *Entomol News (philadelphia)* 84 (3): 73-81. Mar 1973

090942 421 EN88
Seven families of aquatic & semiaquatic Hemiptera in Louisiana. Gonsoulin, G J *Entomol News (philadelphia)* 84 (3): 83-88. Ref. Mar 1973

090943 QL461.E59
Tenebrionidae (Coleoptera) fauna of Afghanistan. (Ger) Kaszab, Z *Entomol Scand* 4 (1): 35-58. Eng. Sum. 1973

090944 QL461.E59
A revision of C.G. Thomson species of Apanteles Forst. (Hymenoptera, Braconidae: Microgasterinae). Papp, J *Entomol Scand* 4 (1): 59-64. Ref. 1973

090945 QL461.E59
Revision of European species of genus Dichrogaster Doumerc (Hymenoptera, Ichneumonidae). (Ger) Horstmann, K *Entomol Scand* 4 (1): 65-72. Ref. Eng. Sum. 1973

090946 423.9 EN8
Entomological collections of University of California. Powell, J A *Entomol Soc Amer Bull* 19 (2): 100-102. June 1973

090947 423.9 EN8
Cherry fruit fly in Oregon: a nomenclature problem. [Rhago letis cingulata]. AliNiazee, M T *Entomol Soc Amer Bull* 19 (2): 103-104. Ref. June 1973

090948 420 EN824
Larval sketches of some Microlepidoptera, chiefly North American. Mackay, M R *Entomol Soc Can Mem* 88, 83 P. 1972

090949 420 EN824
A revision of genus Tachinus (Coleoptera: Staphylinidae) of North & Central America. Campbell, J M *Entomol Soc Can Mem* 90, 137 P. Map. Ref. 1973

090950 420 EN86
Descriptions & records of new & little known species of Cerceris Latreille, 1802 from Socotra & southern Arabia (Hymenoptera: Sphecidae). Empey, H N *Entomol Soc Southern Afr J* 36 (1): 1-23. Mar 1973

090951 420 EN86
A new species of Linognathus (Phthiraptera: Linognathidae) from feet of an African antelope. Ledger, J A *Entomol Soc Southern Afr J* 36 (1): 125-129. Mar 1973

090952 420 EN86
Two new records of Myopsocidae (Psocoptera) from South Africa. [Myopsocus]. Smithers, C N *Entomol Soc Southern Afr J* 36 (1): 131-132. Mar 1973

090953 420 EN86
Studies in African Bombyliidae. VII. On Dischistus Loew & related genera, & Bombylisoma Rondani, with some zoogeographical considerations. Bowden, J *Entomol Soc Southern Afr J* 36 (1): 139-158. Ref. Mar 1973

090954 420 EN86
Two new species of Platypezidae form Kenya (Diptera). [Lindneromyia, Paraplatypeza]. Bowden, J *Entomol Soc Southern Afr J* 36 (1): 159-164. Mar 1973

090955 420 EN86
Naude species of South African Cicadellidae (Hemiptera). II. Species assigned to genera Eugnathodus Baker & Cicadula Zetterstedt. Theron, J G *Entomol Soc Southern Afr J* 36 (1): 25-35. Mar 1973

090956 420 EN86
Southern African Psyllidae (Homoptera) – 3: a new genus & new species of South African Psyllidae. [Colophorina]. Capener, A L *Entomol Soc Southern Afr J* 36 (1): 37-61. Mar 1973

090957 420 EN86M
Chinch bugs or Blissinae of South Africa (Hemiptera: plygaeidae) Talpoblissus macchiademus. Slater, J A *Entomol Soc Southern Afr Mem* 12, 135 P. Maps ref. Mar 1973

090958 421 EN85
A probable caddis fly hybrid. [Micropterna clavata, Micropterna sequax]. (Ger) Malicky, H *Entomol Z* 83 (11): 121-124. June 1, 1973

090959 421 EN85
Orgyia (Orgyia) gulosa & Orgyia (Orgyia) cana (Lepidoptera, Lymatriidae). (Ger) Riotte, J C E *Entomol Z* 83 (12): 129-140. June 15, 1973

090960 421 EN85
Ecology & zoogeography of Libytheidae & Nemeobiidae in Greece (Lepidoptera). (Ger) Koutsaftikis, A *Entomol Z* 83 (12): 141-143. Ref. June 15, 1973

090961 421 EN85
A new subspecies of Nabidae, Nabis meridionalis occidentalis from Istria (Heteroptera). (Ger) Rieger, C *Entomol Z* 83 (13): 145-147. July 1, 1973

090962 421 EN85
Brief description of female of Letys orcynia Druce (Lepidoptera, Noctuidae). (Ger) Feige, R *Entomol Z* 83 (13): 147-149. July 1, 1973

090963 410 F662
New species of cattle fly from Denmark (Diptera, Simulidae). [Simulium]. (Dan) Jensen, F H *Flora Fauna* 79 (2): 43-46. Map. June 1973

090964 QL461.G4
New species of genus Eurytoma from United States & Canada (Hymenoptera: Eurytomidae). Bugbee, R E *Ga Entomol Soc J* 8 (1): 11-15. Jan 1973

090965 QL461.G4
Ant larvae of six tribes: second supplement (Hymenoptera: Formicidae: Myrmicinae). Wheeler, G C *Ga Entomol Soc J* 8 (1): 27-39. Ref. Jan 1973

090966 QL461.G4
Pterodectine feather mites of hummingbirds: genera Syntomodectes Park & Atyeo & Sclerodectes, new genus. Park, C K *Ga Entomol Soc J* 8 (1): 39-51. Ref. Jan 1973

090967 QL461.G4
Immature stages of some eastern Nearctic Tabanidae (Diptera). II. Genera of tribe Diachlorini. Goodwin, J T *Ga Entomol Soc J* 8 (1): 5-11. Jan 1973

090968 QL461.G4
A study of genitalia of Hyphantria cunea (Lepidoptera: Arctiidae). Wilson, R F *Ga Entomol Soc J* 8 (2): 69-74. Apr 1973

090969 QL461.M5
Moth species new to Michigan. Newman, J H *Great Lakes Entomol* 6 (2): 33-45. Ref. Summer 1973

090970 QL461.M5
Definition of subfamily Hedobiinae based on larval characteristics (Coleoptera: Anobiidae). Viedma, M G de *Great Lakes Entomol* 6 (2): 57-58. Summer 1973

090971 410.9 H172
Membracidae fauna of Colombia. 1. Genus Notocera Amyot & Serville, 1843. (Ger) Strumpel, H *Hamburg Zool Mus Inst Mitt* 69: 33-58. Eng. Sum. Dec 1972

090972 410.9 H172
Halacaridae (Acari) from South Africa. (Ger) Bartsch, I *Hamburg Zool Mus Inst Mitt* 69: 5-32. Ref. Eng. Sum. Dec 1972

090973 410.9 H172
Entomological collections of Zoological Institute & Zoological Museum of Hamburg University. XIII. Insecta X. (Ger) Weidner, H *Hamburg Zool Mus Inst Mitt* 69: 59-79. Dec 1972

090974 410.9 H172
Studies on Anatolian callipodoid Diplopoda. Hoffman, R L *Hamburg Zool Mus Inst Mitt* 69: 81-108. Ref. Dec 1972

090975 500 H26B
A systematic revision & evolutionary biology of Ptomaphagus (Adelops) beetles of North America (Coleoptera; Leiodidae: Catopinae), with emphasis on cave-inhabiting species. Peck, S B *Harvard Univ Mus Compar Zool Bull* 145 (2): 29-102. Map. Ref. May 23, 1973

090976 11 H35
There is a difference between ticks & bugs. [Ixodidae, Hemiptera]. (Dan) Haarlov, N *Hedeselsk Tidsskr* 94 (4): 84-86. Apr 15, 1973

090977 448.8 J824
Neotropical genus Aitkenius: three new species & other records from Venezuela (Acarina: Trombiculidae). Brennan, J M *J Parasitol* 59 (3): 521-535. June 1973

090978 448.8 J824
Neotropical genus Aitkenius: three new species & other records from Venezuela (Acarina: Trombiculidae). Brennan, J M *J Parasitol* 59 (3): 531-535. June 1973

090979 448.8 J824
Subgenus Persicargas (Ixodoidea: Argasidae) Argas). 17. a neurohemal organ in Agras (Persicargas) arboreus Kaiser, Hoogstraal, & Kohls. Roshdy, M A *J Parasitol* 59 (3): 540-544. Ref. June 1973

090980 448.8 J824
Haemaphysalis (Kaiseriana) celebensis Hoogstraal, Trapido, & Kohls (Ixodoidea: Ixodidae), a Wallacean member of Hystricis group: identity, distribution, hosts, & ecology. Hoogstraal, H *J Parasitol* 59 (3): 556-562. June 1973

090981 448.8 J824
Notes on african haemaphysalis ticks. XI. Haemaphysalis (Rhipistoma) punctaleachi sp. n., a parasite of West African forest carnivores (Ixodoidea: Ixodidae). Camicas, J L *J Parasitol* 59 (3): 563-568. June 1973

090982 448.8 J824
Notes on African Haemaphysalis ticks. XI. Haemaphysalis (Rhipistoma) punctaleachi sp. n., a parasite of West African forest carnivores (Ixodoidea: Ixodidae). Camicas, J L *J Parasitol* 59 (3): 563-568. June 1973

090983 448.8 J824
Haemaphysalis (Kaiseriana) mageshimaensis sp. n. (Ixodoidea: Ixodidae), a japanese deer parasite with bisexual & parthenogenetic reproduction. Saito, Y *J Parasitol* 59 (3): 569-578. June 1973

090984 410.9 L59Z
A recapitulation of nearctic species of Centromerus dahl (Araneida, Linyphiidae) with remarks on Tunagyna debilis (Banks). Helsdingen, P J van *Leiden Rijksmus Natuur Hist Zool Verhandel* 124, 45 P. Ref. Feb 28, 1973

090985 QL562.L4
Palimpsestis ocularis L. – new Danish butterfly. (Dan) Bjorn, P *Lepidoptera* 11 (5): 133-134. Eng. Sum. May 1973

090986 QL562.L4
Amphipyra livida Schiff. – new Danish owlet moth. (Dan) Christophersen, E *Lepidoptera* 11 (5): 135-136. Eng. Sum. May 1973

090987 QL562.L4
Aglais urticae L. of. nigrita Fickert. (Dan) Hoegh-Guldberg, O *Lepidoptera* 11 (5): 139-141. Ref. May 1973

090988 QL562.L4
Caryocolum fischerellum Tr. – new moth for our fauna. (Dan) Jensen, H K *Lepidoptera* 11 (5): 142. May 1973

090989 QL562.L4
A new adventive pyralid. [Pyralinae]. (Dan) Schnack, K *Lepidoptera* 11 (5): 149-150. Eng. Sum. May 1973

090990 QL562.L4
New Danish moth: Dysstroma latefasciata Stdgr. (Dan) Fibiger, M *Lepidoptera* 11 (5): 151-156. Map. Eng. Sum. May 1973

090991 410.9 L59ZO
Flower flies of Meijendel (Diptera, Syrphidae). (Dut) Delfos, M J *Leyden Rijks Mus Nat Hist Zool Bijdr* 13: 4-8. Dec 29, 1972

090992 410.9 L59ZO
Neuroptera of Meijendel. (Dut) Geijskes, D C *Leyden Rijks Mus Nat Hist Zool Bijdr* 13: 43-58. Ref. Dec 29, 1972

090993 QL536.M6
Confirmation of Aedes taeniornynchus in Oklahoma. Harrison, B A *Mosq Syst News Lett* 5 (2): 157-158. June 15, 1973

090994 QL536.M6
Mosquito types of Brazil. Zavier, S H *Mosq Syst News Lett* 5 (2): 159-160. June 15, 1973

090995 QL536.M6
Identity of Aedes species unkown of Knight & Hull 1953. Peyton, E L *Mosq Syst News Lett* 5 (2): 161-162. June 15, 1973

090996 QL536.M6
Morphology of mouthparts of larval Aedes communis (DeGeer): (Diptera: Culicidae). Gardner, C F *Mosq Syst News Lett* 5 (2): 163-182. Ref. June 15, 1973

090997 QL536.M6
A record of changes in mosquito taxonomy in United States. Darsie, R F *Mosq Syst News Lett* 5 (2): 187-193. Ref. June 15, 1973

090998 QL536.M6
Notes on genus Uranotaenia. Peyton, E L *Mosq Syst News Lett* 5 (2): 194-196. June 15, 1973

090999 QL536.M6
Illustrated key to anopheline mosquitoes of western South America. (Spa) Gorham, J R. *Mosq Syst News Lett* 5 (2): 97-456. Map. Ref. June 15, 1973

091000 421 M97
Indian paddy field Odonata taken by Miss I. Hattori. Asahina, S *Mushi* 46 (10): 115-128. Dec 20, 1972

091001 421 M97
A note on seasonal occurrence of sawflies (Hymenoptera, Symphta) on Mt. Hiko, Kyushu. Togashi, I *Mushi* 46 (11): 126-136. Dec 20, 1972

091002 421 M97
Some phytoseiid mites from Japan, with descriptions of thirteen new species (Acarina: Mesostigmata). [Typhlodromus, Amblyseius]. Ehara, S *Mushi* 46 (12): 137-174. Ref. Dec 20, 1972

091003 421 M97
On some Carabidae found by Dr. S. I. Ueno in Hokkaido, north Japan (Coleoptera, Carabidae). Habu, A *Mushi* 46 (2): 29-38. July 25, 1972

091004 421 M97
New record of a spider predator of genus Pseudogaurax Malloch, 1915, from Japan, with a note on a European species Gaurax venustus Czerny (Diptera: Chloropidae). Kanmiya, K *Mushi* 46 (3): 39-44. Ref. July 25, 1972

091005 421 M97
Sawflies of Mt. Hiko, Kyushu (Hymenoptera, Symphyta. Togashi, I *Mushi* 46 (5): 53-64. Ref. July 25, 1972

091006 421 M97
Lepidopterous stem borers in different rice growing areas. Bess, H A *Mushi* 46 (6): 65-80. Sept 30, 1972

091007 421 M97
Paddy field Odonata taken at Bangkhen, Bankok. Asahina, S *Mushi* 46 (8): 107-110. Dec 20, 1972

091008 421 M97
A new phytophagous species of Systasis [cenchrivora] Walker (Hymenoptera: Pteromalidae) infesting seeds of Cenchrus species. Farooqi, S I *Mushi* 46 (9): 111-114. Dec 20, 1972

091009 Q180.J3K6
Occurrence of Mastogeniinae in Oriental region (Coleoptera, Buprestidae). [Mastogenius insperatus]. Kurosawa, Y *Nat Sci Mus (tokyo)* 15 (4): 617-618. Dec 22, 1972

091010 Q180.J3K6
Revision of short-legged nesticid spiders of Japan. [Nesticus brevipes]. Yaginauma, T *Nat Sci Mus (tokyo)* 15 (4): 619-622. Dec 22, 1972

091011 Q180.J3K6
Scutacarid mites of Japan. III. Three new species of subgenus Archidispus. [Imparipes ophoni]. Kurosa, K *Nat Sci Mus (tokyo)* 15 (4): 623-636. Dec 22, 1972

091012 410 N2193
Notes on African Acridoidea in Danish museums (Orthoptera). 2. Johnsen, P *Natur Jutlandica* 16: 7-57. 1973

091013 409.6 SH6
Origin of insect fauna of Bonin Islands from view of distribution of buprestid beetles. [Chrysochroa]. (Jap) Kurosawa, Y *Natur Sci Mus* 39 (11/12): 7-20. Nov/-Dec 1972

091014 107.6 SA23
Genus Vidalia & its related genera (Diptera: Tephritidae). I. Genus Aischrocrania Hendel, 1927. (Ger) Ito, S *Osaka Univ Bull Ser B Agr Biol* 24: 25-30. Mar 1972

091015 107.6 SA23
Tortricinae & Sparganothinae of Japan (Lepidoptera: Tortricidae). I. Yasuda, T *Osaka Univ Bull Ser B Agr Biol* 24: 53-134. Ref. Mar 1972

091016 8 P832J
A new species of Silba (Diptera, Lonchaeidae) from Puerto rico. Romero S, J I *P R Univ J Agr* 57 (2): 165-168. Apr 1973

091017 421 P11
Psocoptera of Galapagos Islands. Thornton, I W B *Pacific Insects* 15 (1): 1-58. Ref. May 20, 1973

091018 421 P11
Elaterid beetles from Borneo in Bishop Museum (Coleoptera). Ohira, H *Pacific Insects* 15 (1): 103-137. May 20, 1973

091019 421 P11
Cavernicolous fauna of Hawaiian lava tubes, 1. Introduction. [Insects]. Howarth, F G *Pacific Insects* 15 (1): 139-151. Ref. May 20, 1973

091020 421 P11
Cavernicolous fauna of Hawaiian lava tubes, 3. Araneae (Spiders). Gertsch, W J *Pacific Insects* 15 (1): 163-180. Ref. May 20, 1973

091021 421 P11
Aradidae from Oriental region & South Pacific (Hemiptera-Heteroptera). Kormilev, N A *Pacific Insects* 15 (1): 67-83. May 20, 1973

091022 421 P11
Three new Oriental & New Guinean Degeeriella (Mallophaga: Philopteridae). Elbel, R E *Pacific Insects* 15 (1): 95-101. May 20, 1973

091023 41.8 R24
Classic hog cholera: Study of servaccination with the help of the Chinese CL strain. (Fre) Precausta, P *Rec Med Vet* 149 (5): 629-635. Ref. Leng. Sum. May 1973

091024 442.8 R328
Geographical & ecological expansion in tropical butterflies of genus Morpho in evolutionary time. Young, A M *Rev Biol Trop* 20 (2): 231-263. Dec 1972

091025 442.8 R328
Description of a new species of Triatoma [ryckmani] from Honduras, Central America (Hemiptera: Reduviidae). (Spa) Zeledon, R *Rev Biol Trop* 20 (2): 275-279. Eng. Sum. Dec 1972

091026 103 R74GA
Rothamsted insect survey: fourth report. Taylor, L R *Rothamsted Exp Sta Rep* 2: 182-208. 1972 (Pub. 1973)

091027 103 R74GA
Neuroptera in Rothamsted insect survey, 1970-72. Bowden, J *Rothamsted Exp Sta Rep* 2: 210. 1972 (Pub. 1973)

091028 448.9 R813
Ticks (Ixodidae) of British Honduras. Varma, M G R *Roy Soc Trop Med Hyg Trans* 67 (1): 92-102. Map. 1973

091029 423.92 SO8
Acari of Ethiopian region. Meyer, M K P *S Afr Dep Agr Tech Serv Entomol Mem* 29, 45 P. Ref. Jan 1973

091030 S95.E23
Horse flies & deer flies of New York (Diptera, Tabanidae). Pechuman, L L *Search Agric* 2 (5): 71 P. Map. Ref. 1972

091031 99.9 SE6
Forest insect pests in Korea. (Supplement I.). Ko, J H *Seoul (Korea) Forest Res Inst Res Rep* 19: 51-64. Ref. Nov 1972

091032 421 J27
Spiders often seen in fruit orchards. [Taxonomy]. (Jap) Ookuma, C *Shokubutsu Boeki (plant Prot)* 27 (5): 33-38. Ref. May 1973

091033 QL21.U5S6
Old world Stenomidae: a preliminary survey of fauna, notes on relationships, & revision of genus Eriogenes (Lepidoptera: Gelechioidae). Duckworth, W D *Smithson Contrib Zool* 147, 21 P. 1973

091034 420 EG9
On biology of Bemisia tabaci (Genn.). Hemiptera, Homoptera: Aleyrodidae. Azab, A K *Soc Entomol Egypte Bull* 55: 305-315. 1971 (Pub. 1972)

091035 420 EG9
Four new species of family Caligonellidae. Acarina: Caligonellidae. [Molothrognathus, Neognathus]. Soliman, Z R *Soc Entomol Egypte Bull* 55: 95-104. 1971 (Pub. 1972)

091036 420 F84B
Contribution to study of Smalagasy Stenebrionidae: genus Pseudoperichilus Pic (Coleoptera). (Fre) Ardoin, P *Soc Entomol France Bull* 77 (9/10): 270-275. Nov/Dec 1972

091037 420 F84B
Contribution to study of Elateridae of black Africa (Coleoptera). (Fre) Girard, C *Soc Entomol France Bull* 77 (9/10): 276-283. Map. Nov/Dec 1972

091038 420 F84B
A new species of Microlepidoptera harmful to pines in Madagascar (Lepidoptera Stenomidae). [Odites fotsyella, Pinus patala]. (Fre) Viette, P *Soc Entomol France Bull* 77 (9/10): 284-288. Nov/dec 1972

091039 420 F84B
New species of Amatidae from Madagascar (Lepidoptera). [Maculonaclia, Tsirananaclia]. (Fre) Griveaud, P *Soc Entomol France Bull* 77 (9/10): 289-292. Nov/Dec 1972

091040 420 F84B
Description of a new subspecies of genus Antinephele originating from Madagascar (Lepidoptera Sphigidae). (Fre) Darge, P *Soc Entomol France Bull* 77 (9/10): 293-294. Nov/Dec 1972

091041 420 F84B
Description of a new subspecies of Lobobunaea melanoneura W. Rothschild (Lepidoptera Attacidae). (Fre) Rougeot, P C *Soc Entomol France Bull* 77 (9/10): 294-296. Nov/Dec 1972

091042 420 F84B
Eleventh contribution to study of Lasiocampidae: Species & Asiatic forms of genus Malacosoma Hubner (Lepidoptera). (Fre) Lajonquiere, Y de *Soc Entomol France Bull* 77 (9/10): 297-307. Nov/Dec 1972

091043 420 F84B
A new species of mosquito from Congo Brazzaville: Eretmapodites hamoni n. Sp. (Diptera Culicidae). (Fre) Grjebine, A *Soc Entomol France Bull* 77 (9/10): 308-313. Nov/Dec 1972

091044 511 H365ME
Perspectives on faunistic surveying of Finland. [Xysticus]. (Swe) Palmgren, P *Soc Fauna Flora Fenn Mem* 48: 13-35. Map. Eng. Sum. 1972

091045 511 H365ME
Lipoptena cervi, an eastern immigrant in Finland. (Swe) Hackman, W *Soc Fauna Flora Fenn Mem* 48: 45-47. Map. Eng. Sum. 1972

091046 442.8 SO12
Revision of the Iberian Pentatomoidea, family Cydnidae. (Spa) Fuente, J A de la *Soc Ital Biol Sperim Boll* 70 (1/2): 33-78. Ref. Eng. Sum. 1972

091047 442.8 SO12
A new subspecies of Plebejus (Lysandra) albicans [camporrealis] (H.-S.) (Lepidoptera, Lycaenidae). (Spa) Gomez Bustillo, M R *Soc Ital Biol Sperim Boll* 70 (1/2): 79-82. Eng. Sum. 1972

091048 464.9 C433
On a collection of carabidae from Nepal made by the Hokkaido University Scientific Expedition to Nepal Himalaya, 1968. I. Habu, A *Tokyo Nat Inst Agr Sci Bull Ser C (Plant Pathol Entomol)* 27: 81-132. Mar 1973

091049 410 T72
New species of Solva meigen from Indonesia (Diptera: Solvidae). Adiosoemarto, S *Treubia* 28 (2): 35-40. Jan 1973

091050 99.8 W145
Ant fauna of nature protection area in Retezat mountains (South Carpathians). [Formicidae]. (Ger) Paraschivescu, D *Waldhygiene* 9 (5/8): 213-222. Map. 1972

091051 99.8 W145
Ants of group Formica rufa in Italy in forest ecology arrangement. (Ita) Pavan, M *Waldhygiene* 9 (5/8): 223-238. Map. 1972

091052 99.8 W145
Chaetology differences in female workers of Serviformica group (Hymenoptera, Formicidae) & hints to their ecology. (Ger) Eichhorn, O *Waldhygiene* 9 (5/8): 261-264. Ref. Eng. Sum. 1972

091053 421 Z36
Distribution of tsetsefly Glossina tachninoides West. & Gllossina morsitans submorsitans New. in Republic of Niger. (Ger) Sivers, P van *Z Angew Entomol* 73 (3): 319-326. Map. Ref. Eng. Sum. June 1973

091054 449.8 Z36
Notes on Diptera associated with Macrotermes bellicosus (Smeathman) (Insecta: Isoptera) in Nigeria, with description of a new Tricyclea [deeming species (Calliphor idae). Zumpt, F *Z Angew Zool* 60 (1): 101-104. 1973

091055 449.8 Z36
A new species of Plegadiphilus [zumpti] (Phthiraptera: Menoponidae) from South African Bald Ibis. Ledger, J A *Z Angew Zool* 60 (1): 15-20. 1973

091056 449.8 Z36
Two new species of Steatonyssus from Ethiopian Region (Acarina: Mesostigmata). [Steatonyssus roeri, Steatonyssus mutatus]. Coffee, G M *Z Angew Zool* 60 (1): 21-29. 1973

091057 448.8 Z37
On distribution of Simulium damnosum in Liberia. (Ger) Garms, R *Z Tropenmed Parasitol* 24 (2): 222-223. Map. Ref. Eng. Sum. June 1973

APICULTURE AND SERICULTURE

091058 41.8 V6447
Social minimum required for particular functions of worker bees (Apis mellifica L.). Filipovic-Moskovljevic, V *Acta Vet (Beograd)* 22 (4): 167-176. Ref. 1972

091059 SF521.A4
Thin-layer chromatography proof of plant protection materials in poisoned bees. (Ger) Kaufmann, I *Allg Dtsch Imkerztg* 6 (10): 250-254. Oct 1972

091060 SF521.A4
Written for beginner. [Apiculture]. (Ger) Fassbender, K *Allg Dtsch Imkerztg* 6 (10): 258-259. Oct 1972

091061 SF521.A4
Traveling in acacia of Romania. [Apiculture]. (Ger) Schmitt, P A *Allg Dtsch Imkerztg* 6 (11): 283-286. Nov 1972

091062 SF521.A4
Course of swarm pitch in dependence to hive size & apicultural infringement. (Ger) Gassparian, S *Allg Dtsch Imkerztg* 6 (11): 286-289. Nov 1972

091063 SF521.A4
Seminar on beekeeping in Tunisia. I. (Ger) Hauck, E *Allg Dtsch Imkerztg* 6 (7): 175-176. (Continued) July 19, 1973

091064 SF521.A4
Written for beginner. [Apiculture]. (Ger) Fassbender, K *Allg Dtsch Imkerztg* 6 (7): 177-178. July 19, 1973

091065 SF521.A4
Beekeeper-bee-technique coalition. (Ger) Ruttner, H *Allg Dtsch Imkerztg* 6 (8): 194-196. Aug 1972

091066 SF521.A4
Seminar on beekeeping in Tunisia. II. (Ger) Hauck, E *Allg Dtsch Imkerztg* 6 (8): 197-201. Aug 1972

091067 SF521.A4
On 15th birthday of G.J. Mendel on July 22, 1972: Gregor Johann Mendel as apiculturist. (Ger) Wittmann, O *Allg Dtsch Imkerztg* 6 (8): 202-204. Aug 1972

091068 SF521.A4
Tree bee stocks in South Caspian lowland forest. [Apis mellifica]. (Ger) Klaft, W *Allg Dtsch Imkerztg* 6 (9): 222-223. Sept 1972

091069 SF521.A4
First mobile station for instrumental queen insemination: Breed & line country authority will be for some day purebred sources! [Bees]. (Ger) Meier, H *Allg Dtsch Imkerztg* 6 (9): 235-236 Sept 1972

091070 424.8 AM3
Indispensable honeybeea summary. Ward, G W *Amer Bee J* 113 (4): 128-129. Apr 1973

091071 424.8 AM3
Comparison of behavioral response of queenless caged workers & nuclei of Apis mellifera 1. towards introduced queens. Szabo, T I *Amer Bee J* 113 (4): 136, 138. Ref. Apr 1973

091072 424.8 AM3
S.E. 'Mac' McGregor retires. [Apiculture]. *Amer Bee J* 113 (7): 248. July 1973

091073 424.8 AM3
Insect pollination – significance & research needs. [Bees]. McGregor, S E *Amer Bee J* 113 (7): 249. (Continued). July 1973

091074 424.8 AM3
Relationship between weight of honeybee queens (Apis mellifera L.) at emergence & at cessation of egg laying. Szabo, T I *Amer Bee J* 113 (7): 250-251. Ref. July 1973

091075 424.8 AM3
Methods of communication among honeybees. [Apis mellifera]. Smith, E *Amer Bee J* 113 (7): 252-253, 261. Ref. July 1973

091076 424.8 AM3
A specialized system for multiple rearing of quality honeybee queens. [Apis mellifera]. Harp, E R *Amer Bee J* 113 (7): 256-258, 261. July 1973

091077 424.8 AM3
Beekeeping in Connecticut since 1961. [Apis mellifera]. Avitabile, A *Amer Bee J* 113 (7): 260-261. July 1973

091078 421 AN9
Exampled partially resolved environmental protection: new decree for protection of bees. (Ger) Leib, E *Anz Schadlingsk Pflanzenschutz* 46 (5): 74-75. Eng. Sum. May 1973

091079 SF521.A62
Honey plant potential of Amazon Region in Bolivia. [Apis mellifera]. Mercado, N K *Apiacta* 7 (3): 105-106. 1972

091080 SF521.A62
Rearing several batches of queens without renewing bees in nurse colonies. Weiss, K *Apiacta* 7 (3): 110-114, 140. 1972

091081 SF521.A62
Bee of tomorrow & its development. [Apiculture, pollination]. Ruttner, F *Apiacta* 7 (3): 97-98. 1972

091082 SF521.A62
Effect of Fumidil B, Nosemack & Humatin on Nosema apis. [Apis mellifera]. Furgala, B *Apiacta* 7 (3): 99-103. Ref. 1972

091083 SF521.A62
Bees in service of environmental control & nature conservation. [Pollination]. Hansson, A *Apiacta* 7 (4): 145-149. 1972

091084 SF521.A62
Bee as a factor of agricultural production in Italy. [Honeybees]. Giordani, G *Apiacta* 7 (4): 150-152. 1972

091085 SF521.A62
Honeybee pollination in Australia. [Apis mellifera]. Langridge, D F *Apiacta* 7 (4): 153-156. 1972

091086 SF521.A62
Beekeeping for pollination in United States. [Apis mellifera]. Levin, M D *Apiacta* 7 (4): 157-158. 1972

091087 SF521.A62
Crop pollination by bees & pollination fees in Georgian SSR. [Apis mellifera]. Anguladze, D I *Apiacta* 7 (4): 159-160. 1972

091088 SF521.A62
Behaviour of bees in relation to pollination. Doull, K M *Apiacta* 7 (4): 161-164. 1972

091089 SF521.A62
Problems concerning highly specialized bee. [Apis mellifera ligustica]. Kropacova, S *Apiacta* 7 (4): 165-166. 1972

091090 SF521.A62
A pollen dispenser & its other useful employments. Bonfante, S *Apiacta* 7 (4): 167-168. Ref. 1972

091091 SF521.A62
Present situation & prospect development of agriculture in People's Republic of Bulgaria. Mitev, B *Apiacta* 7 (4): 188-191. 1972

091092 BEE SF521.A64
Investigations of flight activity & mating behavior of drones. V. Drone congregation areas & mating distance. [Apis mellifera]. (Ger) Ruttner, H *Apidologie* 3 (3): 203-232. Map. Ref. Eng. Sum. 1972

091093 BEE SF521.A64
Studies on wings of hymenoptera. VII. Essay of synthesis situation of wings of bees into general schema of evolution of animal wing. [Apis mellifera]. (Fre) Louis, J *Apidologie* 3 (3): 233-245. Eng. Sum. 1972

091094 BEE SF521.A64
Optimum pH [hydrogen-ion concentration] of activity of saccharase & maltase secreted by pharyngeal gland of worker bees. [Apis mellifera]. (Ger) Halberstadt, K *Apidologie* 3 (3): 247-261. Ref. Eng. Sum. 1972

091095 BEE SF521.A64
Variability in production of drone broods by honey bee colonies (Apis mellifica L.). (Fre) Louveaux, J *Apidologie* 3 (4): 291-307. Ref. Eng. Sum. 1972

091096 BEE SF521.A64
Pollen spectrum of some honeys from Italian Alps. (Ger) Vorwohl, G *Apidologie* 3 (4): 309-340. Ref. Eng. Sum. 1972

091097 381 AR2
Studies on prephenoloxidase-activating enzyme from cuticle of silkworm Bombyx mori. I. Activation reaction by enzyme. Dohke, K *Arch Biochem Biophys* 157 (1): 203-209. Ref. July 1973

091098 381 AR2
Studies on prephenoloxidase-activating enzyme from cuticle of silkworm Bombyx mori. II. Purification & characterization of enzyme. Dohke, K *Arch Biochem Biophys* 157 (1): 210-221. Ref. July 1973

091099 424.8 AU72
Relationship between queen bees & honey production. Cutts, N A *Australas Beekeeper* 74 (5): 123-124. Nov 15, 1972

091100 424.8 AU72
Fifteen years of lucerne seed pollination in Southern Victoria. [Honey bees]. Braybrook, L H *Australas Beekeeper* 74 (5): 131-134. Nov 15, 1972

091101 424.8 AU72
Behaviour of bees in relation to pollination. [Field crops Fruit]. Doull, D M *Australas Beekeeper* 74 (5): 137-140. Nov 15, 1972

091102 424.8 AU72
Management of colonies for maximum honey production in South Australia. Winn, R A *Australas Beekeeper* 74 (6): 151-154. Dec 1972

091103 424.8 AU72
Studies on populations of honey bee colonies foraging on two species of Eucalypts. Turner, J W *Australas Beekeeper* 74 (6): 166-169. Dec 1972

091104 23 AU792
Role of honeybees in pollination of cherries. [Apis mellifera]. Langridge, D F *Australian J Exp Agr Anim Husb* 13 (61): 193-195. Apr 1973

091105 424.8 B399
Bee poisoning in England & Wales, 1971. [Apis mellifera]. Stevenson, J H *Bee World* 53 (3): 113. 1972

091106 424.8 B399
Beekeeping in Embu district, Kenya. [Apiculture]. Brokensha, D *Bee World* 53 (3): 114-123. Map. 1972

091107 424.8 B399
Jan Swammerdam, M.D. (1637 – 1680) & his studies on anatomy of honeybee. [Apis mellifera]. Dade, H A *Bee World* 53 (3): 135-141. 1972

091108 424.8 B399
Honey hunters of Southern Africa. Guy, R D *Bee World* 53 (4): 159-166. Ref. 1972

091109 424.8 B399
Beekeeping with alfalfa leafcutter bees in Canada. [Megachile rotundata]. Hobbs, G A *Bee World* 53 (4): 167-173. Ref. 1972

091110 424.8 B399
Resistance of pollen grains & their degradation by bees. [Apis mellifera]. Barker, R J *Bee World* 53 (4): 173-177. Ref. 1972

091111 424.8 B477
Foulbrood & suspicion of foulbrood. [Honeybees]. (Ger) Stehle, G *Bienenpflege* 10: 215-219. Oct 1972

091112 424.8 B477
Age of observed change caused by foulbrood. [Honeybees]. (Ger) Stehle, G *Bienenpflege* 11: 238-241. Nov 1972

091113 424.8 B477
Bees in criminal law. [Apiculture]. (Ger) Boese, N *Bienenpflege* 11: 242-243. Nov 1972

091114 424.8 B477
Artificial insemination. [Honeybees]. (Ger) Dreher, K *Bienenpflege* 12: 268-270. Dec 1972

091115 424.8 B477
Reduvius personatus enemy of Achnoia grisella. [Honeybees pests]. (Ger) Schmid, M *Bienenpflege* 12: 272-273. Dec 1972

091116 424.8 B477
Sanitary service for Apis mellifera. (Ger) Stehle, G *Bienenpflege* 9: 191-193. Sept 1972

091117 410 B52
Influence of biological & physiological factors of development of Nosema apis Zander in honey bee (Apis mellifica L.). (Dut) Jacobs, F J *Biol Jaarb* 40: 72-76. Ref. 1972

091118 424.8 B53
Improving honey bees. [Apis mellifera]. (Nor) Pedersen, K *Birokteren* 88 (8): 136-138. Aug 1972

091119 424.8 B53
Honey bee's ability to regulate temperature. [Apis mellifera]. (Nor) Lundemo, O *Birokteren* 88 (8): 138-139. Aug 1972

091120 470 C16D
Effects of laying worker honeybees (Apis mellifera L.) & their brood on ovary development of other worker honeybees. Jay, S C *Can J Zool* 51 (6): 629-632. Ref. June 1973

091121 444.8 C73
Studies on insect bacteriolytic enzymes. I. Lysozyme in haemolymph of Galleria mellonella & Bombyx mori. Powning, R F *Compar Biochem Physiol* 45 (3B): 669-681. Ref. July 15, 1973

091122 80 C852
Insecticide toxicity to honey bees. Johansen, C *Cranberries* 38 (1): 4. May 1973

091123 SB931.A1E5
Relative toxicity of sulfur dioxide, carbon disulphide, carbon tetrachloride & paradichlorobenzene to different stages of Achroia grisella Fab. [Apiculture, pests]. El-Borollosy, F M *Entomol Soc Egypt Bull Econ Ser* 6: 117-126. 1972

091124 SB931.A1E5
Effect of bayluscide on honey bee, Apis mellifica L. (Hymenoptera: Apoidea-Apidae). Sharkawi, S G *Entomol Soc Egypt Bull Econ Ser* 6: 145-148. 1972

091125 475 EX7
Occurrence of diploid drones in a neotropical bumblebee. [Bombus atratus]. Garofalo, C A *Experientia* 29 (6): 726-727. June 15, 1973

091126 QD415.F4
Structure of melittin isolated from two species of honey bees. [Apis dorsata, Apis florea]. Kreil, G *FEbs Lett (fed Eur Biochem Soc)* 33 (2): 241-244. July 1, 1973

091127 QL461.G4
Longevity & survival of honey bee larvae on artificial diets. [Apis mellifera]. Dietz, A *Ga Entomol Soc J* 8 (1): 59-63. Ref. Jan 1973

091128 QL461.G4
Color-time association studies in honey bees. [Apis mellefera]. Weiss, K *Ga Entomol Soc J* 8 (2): 111-114. Apr 1973

091129 424.8 G47
How about stinger & sting? [Honeybees]. Morse, G D *Gleanings Bee Cult* 101 (7): 214-215. July 1973

091130 424.8 G47
Closed vans & trucks for beekeeping. Morse, R A *Gleanings Bee Cult* 101 (7): 219-220, 234. July 1973

091131 424.8 IM43
Regular queen cycle & its advantages, especially for our quotations. [Bees]. (Ger) Bottcher, F K *Imkerfreund* 27 (10): 319, 322-323. Oct 1972

091132 424.8 IM43
Values of bee breeding. (Ger) Emrich, A *Imkerfreund* 27 (10): 323-324. Oct 1972

091133 424.8 IM43
Carnica bees of Racheldiensthutte [Apis mellifera carnica]. (Ger) Borndorfer, J *Imkerfreund* 27 (10): 324-325. Oct 1972

091134 424.8 IM43
Man is bee's biggest enemy. [Apis mellifica]. (Ger) Rauch, F *Imkerfreund* 27 (10): 325-326. Oct 1972

091135 424.8 IM43
Large swarms bring more. [Bees]. (Ger) Schultheiss, H *Imkerfreund* 27 (10): 329-330. Oct 1972

091136 424.8 IM43
Beekeeping in Chinese People's Republic. (Ger) Crane, E *Imkerfreund* 27 (10): 331-333. Oct 1972

091137 424.8 IM43
Enzymes. [Bees]. (Ger) Unverfahr, H J *Imkerfreund* 27 (10): 336. Oct 1972

091138 424.8 IM43
Apiculture today: Celebration speech at Bavarian Bee Day in Schweinfurt. (Ger) Kaeser, W *Imkerfreund* 27 (11): 346-350. Nov 1972

091139 424.8 IM43
Bee biology in scanning microscope. II. bee louse. [Braula coeca]. (Ger) Dietz, A *Imkerfreund* 27 (11): 352-353. Nov 1972

091140 424.8 IM43
Forest if full of honey. (Ger) Huber, F *Imkerfreund* 27 (11): 367-369. Nov 1972

091141 424.8 IM43
Order: Mutual help, services, patience; an apicultural sermon. (Ger) Hotschl, C *Imkerfreund* 27 (12): 382-385. Dec 1972

091142 424.8 IM43
Bee biology in scanning microscope. III. wax membrane of bees. (Ger) Dietz, A *Imkerfreund* 27 (12): 386-387. Dec 1972

091143 424.8 IM43
Fehling's test & silver mirror reaction. [Apiculture]. (Ger) Unverfahr, H J *Imkerfreund* 27 (12): 401-402. Dec 1972

091144 424.8 IM43
Construction of a purebred evidence. [Bees]. (Ger) Kunz, O *Imkerfreund* 27 (7): 234, 239. July 1972

091145 424.8 IM43
Apiculture in German Democratic Republic: Ten thousand starts for a kilo of honey. (Ger) Kreissig, E *Imkerfreund* 27 (7): 249. July 1972

091146 424.8 IM43
Flowering meadows & their significance for agriculture & apiculture. (Ger) Weber, V *Imkerfreund* 27 (7): 250. July 1972

091147 424.8 IM43
Last beekeeper tribunak in Feucht. (Ger) Schwarzel, E *Imkerfreund* 27 (8): 255-260. Aug 1972

091148 424.8 IM43
Feeding possibilities in nine illustrated photographs. [Bees]. (Ger) Hirschfelder, H *Imkerfreund* 27 (8): 273-274. Aug 1972

091149 424.8 IM43
An economical stand as a testing stand. [Bees]. (Ger) Egger, A *Imkerfreund* 27 (8): 277-284. Aug 1972

091150 425.8 IN22
Sericulture in Thailand. Sundaramurthy, T S *Indian Silk* 11 (10): 7-8. Feb 1973

091151 425.8 IN22
Scope of bivoltine cocoon crops in Mysore. [Silk production]. Krishnaswami, S *Indian Silk* 11 (9): 29-32. Jan 1973

091152 QL461.I7
An approach to nutritional control mechanisms in silkworm, Bombyx mori. Ito, T *Isr J Entomol* 7: 1-6. Ref. 1972

091153 QL461.I7
Histochemical fate of paraoxon in cockroach (Periplaneta americana) & honey bee (Apis mellifera) brain. Booth, G M *Isr J Entomol* 7: 143-156. Ref. 1972

091154 424.8 J82
Physiology of honeybee corpora allata. 2. Influence of temperature & of carbohydrate & protein consumption on development of glands. [Apis mellifera]. Laere, O van *J Apicult Res* 11 (2): 101-104. 1972

091155 424.8 J82
Cholesterol, pantothenic acid, pyridoxine & thiamine requirements of honeybees for brood rearing. Haydak, M H *J Apicult Res* 11 (2): 105-109. Ref. 1972

091156 424.8 J82
Effects of various hive covers, shading & ventilation on honeybees in Tropics. [Apis mellifera]. Jay, S C *J Apicult Res* 11 (2): 111-115. Ref. 1972

091157 424.8 J82
Effects of emerging bees & of winter flights on Nosema disease in honeybee colonies. [Apis mellifera]. Moeller, F E *J Apicult Res* 11 (2): 117-120. 1972

091158 424.8 J82
Flight activity & natural mortality of normal & mutant drone honeybees. [Apis mellifera]. Witherell, P C *J Apicult Res* 11 (2): 65-75. Ref. 1972

091159 424.8 J82
Towards a controlled-environment room suitable for normal colony life of honeybees. 1. Description & general observations. [Apis mellifera]. Praagh, J P van *J Apicult Res* 11 (2): 77-87. Ref. 1972

091160 424.8 J82
Effect of low temperature on male meiosis in Melipona marginata. Kerr, W E *J Apicult Res* 11 (2): 95-99. 1972

091161 424.8 J82
Engorgement of swarming worker honeybees. [Apis mellifera]. Combs, G F *J Apicult Res* 11 (3): 121-128. 1972

091162 424.8 J82
Distribution of food reserves in 'model' honeybee swarm clusters. [Apis mellifera]. Combs, G F *J Apicult Res* 11 (3): 129-134. 1972

091163 424.8 J82
Efficiency of conversion of royal jelly during development of queen honeybee. [Apis mellifera]. Sasaki, M *J Apicult Res* 11 (3): 135-140. Ref. 1972

091164 424.8 J82
Reproduction in Apis cerana. 1. Mating behaviour. Ruttner, F *J Apicult Res* 11 (3): 141-146. 1972

091165 424.8 J82
Rearing drone honeybees in an incubator. [Apis mellifera]. Takeuchi, K *J Apicult Res* 11 (3): 147-151. Ref. 1972

091166 424.8 J82
Flight range of Apis cerana indica when enticed to a feeding dish. Naim, M *J Apicult Res* 11 (3): 167-169. 1972

091167 424.8 J82
Nosema apis in drone honeybees. [Apis mellifera]. Bailey, L *J Apicult Res* 11 (3): 171-174. Ref. 1972

091168 424.8 J82
Effect of insect pollination on seed onion, with observations on behaviour of honeybees on crop. [Apis mellifera]. Benedek, P *J Apicult Res* 11 (3): 175-180. Ref. 1972

091169 410 J828
Foraging behaviour of honeybees (Apis mellifera l.) on Brussels sprout (Brassica oleracea L.). Free, J B *J Appl Ecol* 10 (2): 489-499. Aug 1973

091170 444.8 Z3
Retroactive memory inhibition in Apis mellifica & Apis cerana (Apidae). (Ger) Koltermann, R *J Comp Physiol* 84 (3): 299-310. Eng. Sum. 1973

091171 421 J822
Transmission of Nosema disease from infected honey bee workers to queens in mating nuclei. [Apis mellifera]. Shimanuki, H *J Econ Entomol* 66 (3): 777-778. June 1973

091172 QR360.A1J6
Some physico-chemical properties of two honey bee picornaviruses. [Apis mellifera]. Newman, J F E *J Gen Virol* 19 (3): 405-409. Ref. June 1973

091173 421 J825
Female dimorphism in honey-bee larvae with respect to glucose metabolism. [Apis mellifera]. Lerer, H *J Insect Physiol* 19 (7): 1363-1368. Ref. July 1973

091174 421 J826
Ultrastructural investigation on a strain of a cytoplasmic-polyhedrosis virus with nuclear inclusions. [Bombyx mori]. Hukuhara, T *J Invertebrate Pathol* 22 (1): 6-13. Ref. July 1973

091175 425.9 J273B
Isolation & determination of lanthionine & its metabolism in silkworm, Bombyx mori 1. (Jap) Inokuchi, T *Jap Sericult Exp Sta Bull* 25 (4): 169-197. Ref. Eng. Sum. Dec 1972

091176 425.9 J273B
Studies on physiology of embryonic diapause in silkworm, with special reference to behavior of embryos in cultured eggs. I. Termination of diapause & growth of embryos under cultured conditions. (Jap) Ohtsuki, Y *Jap Sericult Exp Sta Bull* 25 (4): 199-217. Ref. Eng. Sum. Dec 1972

091177 425.9 J273B
Rearing of silkworm, Bombyx mori, on semi-synthetic diets, with special references to effects of dietary levels of some ingredients on larval growth. (Jap) Ito, T *Jap Sericult Exp Sta Bull* 25 (4): 219-234. Ref. Eng. Sum. Dec 1972

091178 425.9 J273B
Susceptibility of Bombyx [mori]-larva to some polyhedrosis viruses of lepidopterous insects. (Jap) Aratake, Y *Jap Sericult Exp Sta Bull* 25 (4): 235-252. Ref. Eng. Sum. Dec 1972

091179 425.9 J273B
Estimation of production function & technical change in Japanese sericulture. (Jap) Kameyama, T *Jap Sericult Exp Sta Bull* 25 (4): 253-266. Ref. Eng. Sum. Dec 1972

091180 SB13.K45
Pollinating experiments with honeybees in apple orchards. (Hun) Benedek, P *Kertgazdasag* 4 (4): 51-58. Eng. Sum. 1972

091181 41.8 M742
New legislation of animal diseases & its significance for apiculture in German Democratic Republic. (Ger) Fritzsch, W *Monatsh Veterinarmed* 28 (11): 415-418. Eng. Sum. June 1, 1973

091182 94.69 N81
Pollination of chestnut by honey bees. [Apis mellifera]. McKay, J W *Northern Nut Growers Ass Annu Rep* 63: 83-86. 1972

091183 424.8 P295
Latvian Experiment Station for Apiculture. [Research]. (Rus) Mize, M *Pchelovodstvo* 10: 12-13. Oct 1972

091184 424.8 P295
Bees on coats-of-arms of cities in Tambov Province. [Apiculture, history]. (Rus) Batsylev, E G *Pchelovodstvo* 10: 28-31. Oct 1972

091185 424.8 P295
Management of bees in greenhouses. [Apis mellifera, cucumbers]. (Rus) Koksharov, V *Pchelovodstvo* 11: 10-11. Nov 1972

091186 424.8 P295
Dark Far-eastern bees. [Apis mellifera]. (Rus) Ivanova, V *Pchelovodstvo* 11: 12-13. Nov 1972

091187 424.8 P295
Effect of irradiation on molecular structure of different bee races. [Apis mellifera]. (Rus) Stekol'shchikov, M G *Pchelovodstvo* 11: 13-15. Nov 1972

091188 424.8 P295
Synthesized pheromone of queen substance & bee behavior in retinue. [Apis mellifera]. (Rus) Shaposhnikova, N G *Pchelovodstvo* 11: 14-15. Nov 1972

091189 424.8 P295
Mechanism of action of disinfectants on causal organisms of bee diseases. [Apis mellifera]. (Rus) Kulikovskii, A V *Pchelovodstvo* 11: 21-25. Nov 1972

091190 424.8 P295
Improving economic training of apiculturists & specialists. (Rus) Soldatov, V I *Pchelovodstvo* 11: 4-5. Nov 1972

091191 424.8 P295
Technology of honey production in Kemerovo Region. [Apiculture]. (Rus) Kashkovskii, V G *Pchelovodstvo* 11: 8-9. (Continued) Nov 1972

091192 424.8 P295
Acetic acid & wintering of bees. [Apis mellifera]. (Rus) Shushkov, D G *Pchelovodstvo* 8: 15-16. Aug 1972

091193 424.8 P295
Bee orientation in polarized light. [Apis mellifera]. (Rus) Zolotov, V V *Pchelovodstvo* 8: 16-18. Aug 1972

091194 424.8 P295
Experiments in treating foulbrood in Azerbaijan. [Apis mellifera, diseases]. (Rus) Asadov, A S *Pchelovodstvo* 8: 22-23. Aug 1972

091195 424.8 P295
Food assuring a good wintering. [Apis mellifera]. (Rus) Kashkovskii, V *Pchelovodstvo* 8: 24-25. Aug 1972

091196 424.8 P295
An industrial base for apiculture in northern Caucasus. [Costs, returns]. (Rus) D'iakov, V *Pchelovodstvo* 8: 4-5. Aug 1972

091197 424.8 P295
Methods of wintering nuclei. [Apiculture]. (Rus) Delianidi, L *Pchelovodstvo* 9: 25-26. Sept 1972

091198 424.8 P295
Strains of microorganisms resistant to antibiotics. [Bacillus alvei, Streptococcus apis, european foulbrood]. (Rus) Kardakov, V P *Pchelovodstvo* 9: 34. Sept 1972

091199 424.8 P295
Antibiotics in honey, royal jelly & bodies of bees. [Apis mellifera]. (Rus) Shakarian, G A *Pchelovodstvo* 9: 35. Sept 1972

091200 424.8 P295
Working better. [Apiculture, honey production]. (Rus) Taikin, M I *Pchelovodstvo* 9: 5-6. Sept 1972

091201 QD431.T3
Genes for silk fibroin in bombyx mori: studies on mechanisms of gene expression in development. II. (Jap) Suzuki, Y *Protein Nucl Acid Enzyme (tokyo)* 18 (7): 1-13. Ref. June 1973

091202 424.8 P954
Morphological evaluation of bees in breeding apiaries in years of 1962 – 1970. (Pol) Gromisz, M *Pszczelnicze Zeszyty Nauk* 16: 1-22. Ref. Eng. Sum. Nov 1972

091203 424.8 P954
Quantitative diagnostics of Nosema disease cases in bees applying average sampling method. (Rus) Sidorow, N G *Pszczelnicze Zeszyty Nauk* 16: 189-196. Nov 1972

091204 424.8 P954
Toxicity of carbamult to bees under laboratory conditions, & detection of this insecticide in intoxicated insects. (Pol) Mikolajczak, B *Pszczelnicze Zeszyty Nauk* 16: 197-206. Ref. Eng. Sum. Nov 1972

091205 424.8 P954
Inconstancy of width of IV tergite of abdomen among local bees in Poland. [Apis mellifera]. (Pol) Gromisz, M *Pszczelnicze Zeszyty Nauk* 16: 23-29. Eng. Sum. Nov 1972

091206 424.8 P954
Investigation on endurance & foundation reconstruction by bees using wax extracted from bee combs by trichloroethylene. (Pol) Curylo, J *Pszczelnicze Zeszyty Nauk* 16: 31-42. Ref. Eng. Sum. Nov 1972

091207 424.8 P954
Productive values of Caucasians bees, Polish bees & their crossbreeds. (Pol) Zmarlicki, C *Pszczelnicze Zeszyty Nauk* 16: 43-51. Ref. Eng. Sum. Nov 1972

091208 424.8 P954
Mating of honey bee queens in mating station with a large drones number. [Apis mellifera]. (Pol) Jasinski, Z *Pszczelnicze Zeszyty Nauk* 16: 53-61. Ref. Eng. Sum. Nov 1972

091209 20.5 R59 SER. A
Utilization of honey bees for increasing production of red clover-Trifolium pratense L. seed. [Insect pollinators]. (Pol) Wawryn, T *Rocz Nauk Roln Ser A Rosl* 98 (2): 21-42. 1973

091210 424.8 SCH9
A very interesting arrangement. [Apiculture]. (Ger) Kobel, F *Schweiz Bienenzeitung* 95 (10): 507-513. Oct 1972

091211 424.8 SCH9
Short hints on bees & their care. (Ger) Lutz, J *Schweiz Bienen-zeitung* 95 (10): 513-520. Oct 1972

091212 424.8 SCH9
Chamber hives from view of a Dutchman. (Ger) Speelziek, J J *Schweiz Bienenzeitung* 95 (10): 528-530. Oct 1972

091213 424.8 SCH9
Wire grating for beehive front. (Ger) Ryf, A *Schweiz Bienen-zeitung* 95 (10): 530-532. Oct 1972

091214 424.8 SCH9
On 1972 harvest report. [Honey]. (Ger) Fischer, G *Schweiz Bienen-zeitung* 95 (11): 547-553. Nov 1972

091215 424.8 SCH9
Nosema disease of bees, an economical problem. (Ger) Steche, W *Schweiz Bienen-zeitung* 95 (12): 607-620. Dec 1972

091216 424.8 SCH9
Our association's organ, Bee newspaper. (Ger) Moser, K *Schweiz Bienen-zeitung* 95 (7): 339-343. July 1972

091217 424.8 SCH9
Beekeeping with chamber hives. (Ger) Gunten, K von *Schweiz Bienen-zeitung* 95 (7): 351-360. July 1972

091218 424.8 SCH9
Significance of breeding material age for development & performance of queens. [Bees]. (Ger) Maag, H *Schweiz Bienenzeitung* 95 (7): 361-364. July 1972

091219 424.8 SCH9
Observations with marked queens. [Bees]. (Ger) Riederer, B *Schweiz Bienen-zeitung* 95 (7): 381-383. July 1972

091220 424.8 SCH9
Who are our bee breeding consultants? (Ger) Vollenweider, J *Schweiz Bienenzeitung* 95 (7): 385-387. July 1972

091221 424.8 SCH9
Is apiculture in Switzerland with predominantly small beekeeping still timely? (Ger) Lutz, J *Schweiz Bienenzeitung* 95 (8): 418-420. Aug 1972

091222 424.8 SCH9
Thirty years later. [Apiculture]. (Ger) Adolf, E *Schweiz Bienen-zeitung* 95 (8): 427-428. Aug 1972

091223 424.8 SCH9
Historical from modern comb construction. [Beehives]. (Ger) Lutz, J *Schweiz Bienen-zeitung* 95 (9): 455-459. Sept 1972

091224 424.8 SCH9
Tenfold uses of honey bees. [Apis mellifera]. (Ger) Ryf, A *Schweiz Bienenzeitung* 95 (9): 462-469. Sept 1972

091225 424.8 SCH9
Marking queens, a phenomenon of numb fright. [Bees]. (Ger) Dillon, J *Schweiz Bienen-zeitung* 95 (9): 477-478. Sept 1972

091226 420 EG9
Histopathological studies of Nosema bombycis Naegeli infecting silk worm, Bombyx mori (L.). Wafa, A K *Soc Entomol Egypte Bull* 55: 259-274. Ref. 1971 (Pub. 1972)

091227 80 SV23
Fruit cultivation & bee keeping. [Hymenoptera, pollination]. (Swe) Schwan, B *SYr Inf Fruktodlaren (sver Yrkesfruktodlares Riksforb)* 15 (3): 4-7, 9-11, 13-14. June 1973

AGRICULTURAL ENGINEERING

091228 58.8 AG83
LP gasthe supply for this year's harvest. McKenzie, B A *Agr Eng* 54 (7): 12-13. July 1973

091229 281.8 AG835
Engineering-economic problems. [Agriculture]. Louw, P ee V *Agrekon* 12 (1): 49-50. Jan 1973

091230 256.13 AG82M
Drainage layouts. McClenaghan, R J *Agric North Irel* 48 (1): 5-7. May 1973

091231 49 C43
Uses & problems of airtight silos. 1. [Structure, fee ds]. (Jap) Ueno, K *Anim Husb (tokyo)* 27 (5): 27-31. May 1973

091232 49 C43
Uses & problems of airtight silos. 2. (Jap) Ueno, K *Anim Husb (tokyo)* 27 (6): 31-34. June 1973

091233 47.8 R523
Drinking & bathing in pigeon houses. (Ita) Zanoni, G *Avicoltura* 42 (2): 61-62. Feb 1973

091234 40.19 AM3
A modern milking barn for dairy goats. Moomau, W E *AGS Year Book (am Goat Soc Inc)* P. 29-31. 1972

091235 296.8 AR1
Standards for evaluation of farm planning including building program. (Ger) Zellner, R *Bauen Lande* 24 (4): 94-97. Apr 1973

091236 7 C16PU
Paving on farm. Pos, J *Can Dep Agr Publ* 1491, 27 P. 1973

091237 47.8 C16
Ventilating layer & pullet houses. Esmay, M L *Can Poultry Rev* 97 (7): 10-11. July 1973

091238 58.8 D482
Methods for rationalizing industrial laying-hen installations. [Mechanization]. (Ger) Wintruff, H *Deut Agrartech* 23 (5): 214-217. 1973

091239 49 B462
Utilization of modern insulating in animal buildings. (Fre) Lucchini, P *Elevage* 19: 53-55, 57. June 1973

091240 105.8 G36E
Stall systems for large animal stocks. (Ger) Eichhorn, H *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 230-241. 1972

091241 105.8 G36E
Waste removal in large scale animal farming. (Ger) Niese, G *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 307-313. Ref. 1972

091242 241.4 F22
Fires in farm buildings. [Livestock housing]. Harrison, P *Farm Bldg Dig* 8 (1): 11, 33. Spring 1973

091243 241.4 F22
Stressed skin farm buildings. Bryan, E R *Farm Bldg Dig* 8 (1): 13-15. Spring 1973

091244 241.4 F22
Guard against silage runoff. [Silos, effluent tanks]. Harrison, P *Farm Bldg Dig* 8 (1): 6-7. Spring 1973

091245 SF1.A4
Shelter & bedding for beef cows. Young, B A *Feeders' Day Dep Anim Sci Univ Alberta* 51St: 41-44. June 1972

091246 SB13.C58
Device for automatically opening gates at pre-determined times. [Sheep, grazing]. Coombe, J B *Field Sta Rec* 11 (1/2): 11-16. 1972

091247 80 R52
Criteria & estimation of conditions in greenhouses of low & high temperature. (Ita) Tognoni, F *Frutticoltura* 35 (3/4): 29-31. Mar/Apr 1973

091248 281.8 R522
Sheds for beef cattle. (Ita) De Montis, S *Genio Rurale* 36 (1): 11-50. Map. Jan 1973

091249 281.8 R522
Strength of plastic materials used for construction of agricultural maintenance buildings. (Ita) Tantini, L *Genio Rurale* 36 (2): 41-49. Feb 1973

091250 281.8 R522
Problems connected with restructuring of an irrigation catchment in Milan Basin depending on large water systems. (Ita) Giura, R *Genio Rurale* 36 (4): 29-38. Map. Apr 1973

091251 281.8 R522
New horizontal silo built with prefabricated concrete. (Ita) Buldini, F *Genio Rurale* 36 (4): 57-60. Apr 1973

091252 SF391.H6
Farrowing house alternatives. Simpson, N *Hog Farm Manage* 10 (7): 18-21, 56. July 1973

091253 SB1.H6
Considerations in design of experimental cold storage plants for perishable commodities. [Fruits, vegetables]. Chalutz, E *Hortscience* 8 (3): 169-170. June 1973

091254 TC805.C6 1972
Experience of Vratza irrigation system during elimination of cave-in damages of irrigation network in loess soils. (Fre) Petkov, N T *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 2: 27.165-27.172. 1972

091255 TC805.C6 1972
On closing of drainage canal terminus (river mouth) & its treatment. [Japan]. Agemori, C *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 2: 27.273-27.286. Map. 1972

091256 TC805.C6 1972
An application of horizonal well-point de-watering in excavation work. Brinkhorst, W *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 2: 27.363-27.383. Map. 1972

091257 TC805.C6 1972
Main drainage system of southern Flevoland. Jong, B de *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 2: 27.385-27.402. Map. 1972

091258 TC805.C6 1972
Planning drainage systems in coastal North Carolina. Ingram, B F *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 2: 27.79-27.96. Map. Ref. 1972

091259 TC805.C6 1972
World's largest butyl rubber-lined reservoir at Kualapuu, Hawaii. Chuck, R T *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 3: 28.1.-115-28.1.127. 1972

091260 TC805.C6 1972
Practical installation of clay, concrete & corrugated plastic subsurface drains. [California]. Willardson, L S *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 3: 28.1.129-28.1.137. 1972

091261 TC805.C6 1972
Structural solutions for automation of irrigation processes in fixed systems. Varlev, I *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.197-28.2.205. 1972

091262 TC805.C6 1972
Hydraulic models for solution of river training problems. [Flood control]. Glover, J E *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 50: 29.1.516-29.1.543. 1972

091263 SB453.F37 1973
Fences have many functions. Smith, A U *In Faust, Joan Lee. The New York Times Garden Book* P. 40-42. 1973

091264 281.8 IN2
Rural Electrification Corporation (progress of its working). Venkatappiah, B *Indian J Agr Econ* 28 (1): 115-122. Jan/Mar 1973

091265 80 IN32
Materials used for roofing of greenhouses. (Ita) Bonuccelli, A *Inf Ortofloro-fruttic* 13 (8): 3-10. Apr 30, 1973

091266 49 IN3
Barns exposed to sun. [Cattle]. (Ita) Garret, R E *Inform Zootec* 20 (9): 10. May 7, 1973

091267 58.8 J82
Analysis of temperature control characteristics of heated glasshouses using an analogue computer. O'Flaherty, T *J Agr Eng Res* 18 (2): 117-132. Ref. June 1973

091268 58.8 J82
Simulation of lettuce growth in an air-supported plastic greenhouse. Soribe, F I *J Agr Eng Res* 18 (2): 133-140. June 1973

091269 58.8 J82
A mathematical study of resonance in intact fruits & vegetables using a 3-media elastic sphere model. Cooke, J R *J Agr Eng Res* 18 (2): 141-157. Ref. June 1973

091270 S671.J62
Bamboo concrete fence posts. Masani, N J *J Agric Eng* 9 (3): 11-18. Sept 1972

091271 421 J829
Radiation sensitivity of sucessively irradiated generations of Tribolium castaneum (Herbst) (Coleoptera, Tenebrionidae), & Sitophilus oryzae (L.) (Coleoptera, Curculionidae). Brower, J H *J Stored Prod Res* 9 (1): 43-49. June 1973

091272 75.8 K145
Potato storage houses in fixed frame building methods. (Ger) Huber, B *Kartoffelbau* 24 (4): 88-91. Apr 1973

091273 75.8 K145
Reconstruction of a box storehouse in a pile storehouse with automatic ventilation. [Potatoes]. (Ger) Leppack, E *Kartoffelbau* 24 (4): 92-94. Apr 1973

091274 SB13.K45
Structural development of plastic covered forcing facilities. (Hun) Fulop, S *Kertgazdasag* 4 (4): 29-39. Eng. Sum. 1972

091275 41.8 K67
New concept of SPF [specific pathogen free] animal shelter. (Ger) Thimm, H J *Kleintier – praxis* 18 (4): 114-118. Ref. June 1973

091276 18 L2353
Problems of working place construction in animal production. (Ger) Wander, J F *Landbauforsch Volkenrode* 22 (2): 133-136. Eng. Sum. Dec 1973

091277 11 L236
Inspection & maintenance of old silos. (Nor) Fyrileiv, E *Landbrukstidende* 79 (21): 540-542. May 26, 1973

091278 58.8 L235
What can be improved on an Electro fence implement? (Ger) Dittert, P *Landtechnik* 28 (6): 186, 188-189. Apr 1, 1973

091279 SD1.M3
How to build a strong fence. Bates, D W *Maine For Rev* 3/4: 722, 739. Winter/-Spring 1973

091280 58.8 M4623
Elaboration on dimensions for heat installation in pig barns. (Rum) Pungulescu, N *Mec Elec Agr* 18 (3): 11-19. Mar 1973

091281 58.8 M4623
Contributions of stations to mechanization of agriculture of district of Timis in relation to mechanization of labor in livestock farms in Romania. (Rum) Marincov, J *Mec Elec Agr* 18 (3): 29-35. Mar 1973

091282 58.8 M467
Principles in development of cattle production applied in practice. (Cze) Hodkova, K *Mech Zemedel* 23 (3): 94-96. Eng. Sum. 1973

091283 58.8 M467
Large-capacity fattening plant AT-type for 2640 pigs. (Slo) Szabo, L *Mech Zemedel* 23 (3): 99-102. Eng. Sum. 1973

091284 41.8 M463
Thermal statement of dimension of animal non-heated barns. (Pol) Kolbuszewski, T *Med Wet* 29 (4): 231-235. Eng. Sum. Apr 1973

091285 41.9 R923
Natural illumination of swine-breeding houses & its significance in raising piglets. (Rus) Komarov, N M *Moscow Vses Inst Eksp Vet Tr* 40: 418-432. 1972

091286 100 N813B
Farm shop facilities for modern machinery service. [Construction]. Gustafson, M D *N Dak Farm Res* 30 (5): 22-24. June 1973

091287 S537.M3A2
Building & operating backyard greenhouse in Nevada. Post, R L *Nev Univ Max C Fleischman Coll Agr C* 130, 8 P. May 1973

091288 49.9 N76
Functional aims of livestock housing. (Nor) Lund, M *Norges Landbrukshogsk Inst Bygningsteknikk Stensiltrykk* 112, 18 P. Ref. 1972

091289 281.9 N762
A model for a garden entrance way. A local analysis for Ostfold County. (Nor) Vale, H *Norges Landbrukshogsk Inst Driftslaere Landbruksokon Mem* 56, 34 P. 1972

091290 85 J76
Road stabilization in fruit growing farms. (Ger) Bockstedte, W *Obstbauversuchsring Alten Landes Mitt* 28 (4): 113-114. Apr 1973

091291 41.8 P882
Modern stables for horses. (Ger) Maton, A *Prakt Tierarzt* 54 (7): 291-292. July 1, 1973

091292 58.8 T678AG
Techniques of stable ventilation & factors with adverse effects. (Ger) Gobel, W *Schweiz Landtech* 35 (5): 318-328. Mar 1973

091293 SF601.S8
Metal sty: anachronistic or contemporary. [Ruminants, pigs]. Huck, R A *State Vet J* 28 (82): 33-37. Jan 1973

091294 1 AG84AB
Building hobby greenhouses. Bailey, W A *U S D A Agric Inf Bull* 357, 20 P. Ref. Mar 1973

091295 1 AG84M
Ventilation system ... for cold, free – stall barns. *U S D A Misc Publ* 1261, 2 P. June 1973

091296 1 AG84M
Farrowing & nursery building for swine. *U S D A Misc Publ* 1268, 2 P. June 1973

091297 1 AG84M
Portable stalls for calves. *U S D A Misc Publ* 1269, 2 P. June 1973

091298 1 AG84MR
Potato packinghouses – guidelines for plant layout. Orr, P H Dept. of Agriculture *U S D A Mkt Res Rep* 975, 21 P. Apr 1973

091299 TD3.U582
Measurement, construction, building & operation of waste water pond structures. (Ger) Eichholz, G *Umweltschutz, Stadtereinigung* 10 (5): 105-110. Ref. 1973

091300 290.9 H89
Cutoff trench walls. [Drainage structures]. (Hun) Marko, I *Vizugyi Kozlem* 1: 27-62. Ref. 1973

091301 282.9 W97
Second homes in England & Wales; a study of distribution & use of rural properties taken over as second residences. Bielckus, C L *Wye Coll Dep Agr Econ Stud Rural Land Use Rep* 11, 172 P. Map. Dec 1972

091302 65.8 D48
Round shaped silo for sugar beets in a sugar plant of Netherlands. (Ger) Kuhnl, H *Z Zuckerindus* 23 (5): 280-282. May 20, 1973

091303 58.9 C333
Development of annual characteristics of intake & specific consumptions of electric power in agricultural production. (Cze) Andert, A *Zemed Tech* 19 (2): 63-86. Ref. Eng. Sum. Feb 1973

091304 49.9 C33
Comparison of suitability of feeding manger hindrances in litterless stanchionless cattle houses under conditions of feeding ad libitum. (Cze) Dolezal, O *Zivocisna Vyroba* 18 (1): 25-30. Eng. Sum. Jan 1973

091305 410 Z751Z
Bursicon imitation by insulin. [Calliphora erythrocephala]. (Ger) Knorre, D von *Zool Jahrbucher Abt Allg Zool Physiol Tiere* 77 (2): 166-165. Ref. Eng. Sum. 1973

FARM EQUIPMENT

091306 58.8 AG83
Modular instruction in agricultural engineering. Rehkugler, G E *Agr Eng* 54 (6): 16-17. June 1973

091307 58.8 AG83
A fully shielded universal joint & coupler. Wilkes, R S *Agr Eng* 54 (6): 18-20. June 1973

091308 58.8 AG83
Toward a safer PTO. [Power take-off, tractors]. Bornzin, J H *Agr Eng* 54 (7): 22-24. July 1973

091309 1 EC7AG
Breakthrough! [Harvesting, fruit]. *Agr Situation (Washington)* P. 7. July 1973

091310 19 B855
Permanent & thermal loading of tractor engines. (Hun) Sitkei, G *Agrartud Kozl* 31 (2): 223-237. Ref. 1972

091311 19 B855
Problems related to expansion of tractor system in Hungary. (Hun) Rab, G *Agrartud Kozl* 31 (2): 239-250. 1972

091312 19 B855
Equipments for minimal soil tillage. (Hun) Fulop, G *Agrartud Kozl* 31 (2): 251-275. 1972

091313 S19.A32
Standardization & quality control of farm equipment. Sharma, R N *Agric Agro-ind J* 6 (4): 34-38. Apr 1973

091314 22.5 N682
Theory & technique on rice seedling raising. 2. [Machine transplanting]. (Jap) Hoshikawa, K *Agric Hortic* 48 (5): 109-114. May 1973

091315 22.5 N682
Studies on sprinkler spraying for citrus orchards. 4. Spacing & installation of sprinklers. (Jap) Yamashita, S *Agric Hortic* 48 (5): 97-98. May 1973

091316 10 AG89
Garden machinery boom continues. [Great Britain]. Lee, R *Agric Merchant* 53 (5): 34, 36 May 1973

091317 256.13 AG82M
Keep tractor fuel clean. Murtland, R J W *Agric North Irel* 48 (1): 15-16. May 1973

091318 21.5 AG84
Principles for testing & selection of manure spreading & laying machines. (Cro) Tadic, L M *Agron Glas* 36 (7/8): 457-464. 1972

091319 21.5 AG84
Testing of some mechanical functions of fertilizer spreading machines. (Cro) Tadic, L M *Agron Glas* 36 (7/8): 465-470. 1972

091320 49 C43
Techniques on widening distribution areas & long distance transportation of fresh milk. 3. [Equipment]. (Jap) Gejo, K *Anim Husb (tokyo)* 27 (6): 61-65. June 1973

091321 S671.K4
Selecting no-tillage planters by need. Morrison, J E *AEN Dep Agric Eng Univ Ky Coop Ext Serv* 2, 3 P. May 1972

091322 S560.B54
What do you think about accidents? [Equipment]. Tilley, H *Big Farm Manage* P. 17-19. May 1973

091323 S560.B54
Tractor power at top. Simper, H *Big Farm Manage* P. 7-8. May 1973

091324 7 B77P
Land-clearing in British Columbia. *Brit Columbia Dep Agr (publ)* 3, 19 P. 1973

091325 58.9 W12B
Strautmann silo unloader, Silofox 240. (Dut) *Bull Inst Landbouwtech Ration* 544, 5 P. Jan 1973

091326 450 C16
Modification of knapsack sprayer for more efficient use. [Pesticides]. Founk, J *Can J Plant Sci* 53 (2): 419. Apr 1973

091327 65.8 C41
Mechanical harvesting of sugarcane. (Chi) Chu, C H *Che Pao (sugar Cane Bull)* 41 (6): 21-23. June 5 1973

091328 80 C83
Around machinery stands. [Agriculture, Great Britain]. Willows, D *Country Life (london)* 153 (3966): 1900, 1907-1908. June 28, 1973

091329 80 C83
Developments in mechanisation. [Farms, Great Britain]. Willows, D *Country Life (london)* 153 (3966): 1903. June 28, 1973

091330 104 D41A
Design of psychrometric charts for moist air using a digital computer & plotter. [Crop, drying]. Olsen, H J *Denmark Vetlandbohojsk Arsskr* 226: 28-38. 1973

091331 58.8 D482
Organization of operation of agricultural aircraft in production zone of Kyritz. [German Democratic Republic]. (Ger) Brauer, H *Deut Agrartech* 23 (5): 203-204. 1973

091332 58.8 D482
Availability of agricultural machinery for production of plants & possibilities of their improvement. (Ger) Matzold, G *Deut Agrartech* 23 (5): 207-209. 1973

091333 58.8 D482
Development of a low-damage potato washer & drier. (Ger) Schulz, H H *Deut Agrartech* 23 (5): 223-225. Ref. 1973

091334 58.8 D482
Design of centrifugal device for mineral fertilizer distributors. (Ger) Firus, S *Deut Agrartech* 23 (5): 226-227. 1973

091335 58.8 D482
Rational production of ploughing test material capable of being evaluated statistically. (Ger) Hahn, M *Deut Agrartech* 23 (5): 228-232. 1973

091336 S9.E9
Points on mechanization of agriculture. (Ita) Franzo, R *Evoluzione Agric* 18 (210): 41-44. Apr 1973

091337 HD9016.I4F3
Focus on puddlers. [Rice, equipment]. Swaminathan, K R *Farm Fact* 7 (5): 41-42. Mar 1973

091338 S19.F63
Sprinkler – a labour saving & capital intensive device. Desai, *Food Farming Agric* 5 (2): 3-6. Aug 1972

091339 HD9000.1.F63
A new grain treating machine. Bindra, O S *Food Indus J* 5 (9): 13-14. Feb 1973

091340 S251.F6
Is combine sowing profitable? (Swe) Karlsson, H *Forsk Prakt* 4, 7 P. 1973

091341 14 F844B
Development of soil tillage equipment. (Fre) Lacombe, R *France Min Agr Bull Tech Inform* 278 (Special No.): 204-208. Mar/Apr 1973

091342 14 F844B
Soil tillage & plow body. (Fre) Chaussade, J *France Min Agr Bull Tech Inform* 278 (Special No.): 209-216. Mar/Apr 1973

091343 14 F844B
Choice of tooth & disc tools for soil tillage under a Mediterranean or southern climate. (Fre) Dalleinne, E *France Min Agr Bull Tech Inform* 278 (Special No.): 217-226. Mar/Apr 1973

091344 14 F844B
Drive rotary tools. [Tillage equipment]. (Fre) Lucas, A *France Min Agr Bull Tech Inform* 278 (Special No.): 227-236. Mar/Apr 1973

091345 80 G1948
Proved successful: operating farm machinery in complexes & shift-work. (Ger) Greulich, E *Gartenbau* 20 (5): 132-133. May 1973

091346 80 G1948
Machinery system for cauliflower production – result of socialist teamwork. (Ger) Schumann, H *Gartenbau* 20 (5): 134-135. May 1973

091347 80 G1948
Present situation & trends of sprinkler irrigation technology for field vegetable production. [Equipment]. (Ger) Kappes, R *Gartenbau* 20 (6): 160-162. June 1973

091348 80 G1948
Sprinkler irrigation of vegetable crops & its impact on economy of using semimobile sprinkler systems. (Ger) Forkel, H *Gartenbau* 20 (6): 163-165, June 1973

091349 80 G1948
Results of using roll-move sprinkler systems in vegetable production. (Ger) Henkel, A *Gartenbau* 20 (6): 165-167. June 1973

091350 80 G1948
Developmental work in Soviet Union to mechanize tree & bush fruit harvest. [U.S.S.R.8. (Ger) Schuricht, R *Gartenbau* 20 (6): 177-178. June 1973

091351 281.8 G25
Complex mathematical planning of farm machine demands & operation in agriculture. (Hun) Acsay, F *Gazdalkodas* 17 (4): 1-14. 1973

091352 281.8 G25
On development of agricultural machine imports. [Hungary]. (Hun) Regenyi, E *Gazdalkodas* 17 (4): 15-23. Eng. Sum. 1973

091353 281.8 G25
Impace of winter-barley production on full utilization of grain harvesting combines. (Hun) Szalai, G *Gazdalkodas* 17 (4): 49-55. Ref. Eng. Sum. 1973

091354 281.8 R522
Several-year experiments on a procedure of underground irrigation realized by means of plastic tubes. (Ita) Tournon, G *Genio Rurale* 35 (11): 29-40. Nov 1972

091355 281.8 R522
Functions & development of work of assembly of Organisation for Economic Cooperation & Development on standards for testing agricultural machines. (Ita) Pellizzi, G *Genio Rurale* 36 (4): 43-45. Apr 1973

091356 281.8 R522
Methods & equipment used for control of frost. (Ita) Veronesi, G *Genio Rurale* 36 (4): 47-56. Ref. Apr 1973

091357 275.29 IL62C
Corrugated plastic drain tubing. Drablos, C J W *Ill Univ Ext Circ* 1078, 7 P. Apr 1973

091358 TC805.C6 1972
Research on hydraulics of drain pipes. Beeken, A Van der *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 2: 27.349-27.362. Ref. 1972

091359 TC805.C6 1972
Fiber glass automatic irrigation gates. Humpherys, A S *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 3: 28.1.139-28.1.144. 1972

091360 TC805.C6 1972
Use of new materials in dripping irrigation. Zambrana Penaloza, W *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 3: 28.1.163-28.1.170. 1972

091361 TC805.C6 1972
Soviet experience on use of synthetic materials in irrigation & drainage. Sviklis, P B *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 3: 28.1.171-28.1.180. 1972

091362 TC805.C6 1972
PVC [polyvinyl chloride] pipes as a new material for under drainage. Tajino, N *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 3: 28.1.-181-28.1.198. 1972

091363 TC805.C6 1972
Trickle irrigation – a new approach to irrigation, totally dependent on plastic polymer materials. Goldberg, *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 3: 28.1.199-28.1.210. 1972

091364 TC805.C6 1972
Asfaleno, a new low cost material for water transport in transport in agricultural works. Banda, E M *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 3: 28.1.211-28.1.225. 1972

091365 TC805.C6 1972
Use of all-plastic irrigation networks in Dunav-Tisa-Dunav project in Yugoslavia. Papanicolaou, K *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 3: 28.1.225-28.1.232. 1972

091366 TC805.C6 1972
Investigations carried out on use of plastic materials in agricultural water management. Starosolszky, O *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 3: 28.1.3-28.1.9. Ref. 1972

091367 TC805.C6 1972
Application of synthetic materials to field drainage techniques & practices. Trafford, B D *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 3: 28.1.33-28.1.57. Ref. 1972

091368 TC805.C6 1972
Experience with fiberglass tubewell casing. [Irrigation, wells]. Smith, D K *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 3: 28.1.-97-28.1.113. 1972

091369 TC805.C6 1972
Development of equipment used in the mechanization of sprinkler irrigation in Czechoslovakia. (Fre) Zdrazil, K *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.141-28.2.153. Ref. Eng. Sum. 1972

091370 TC805.C6 1972
Development of automatic equipment for irrigation projects in Hungary. Starosolszky, O *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.15-128.2.35. Ref. 1972

091371 QC997.W38 1971
Simulation model studies of impact of weather factors on road construction & movement of heavy equipment in agricultural operations. McQuigg, J D *In Weather Forecasting for Agriculture and Industry* P. 147-154. 1972

091372 68.29 IN23M
Role of agricultural machinery in coffee plantations. Rao, H H *Indian Coffee* 37 (4): 95-98. Apr 1973

091373 281.8 IN2
Economics of tractor utilization. Motilai, G *Indian J Agr Econ* 28 (1): 96-105. Jan/-Mar 1973

091374 65.8 IN23
Sanctions and development in the mechanization of sugar beets culture. (Ita) Manfredi, E *Indus Sac Ital* 66 (2): 35-46. Ref. Eng. Sum. Mar/Apr 1973

091375 58.8 J82
Measurement of some parameters of different spring wheat varieties affecting combine harvesting losses. Koning, K de *J Agr Eng Res* 18 (2): 107-115. June 1973

091376 58.8 J82
Theoretical considerations in placing centre of gravity of single-axled trailers. Sagi, R *J Agr Eng Res* 18 (2): 159-165. June 1973

091377 S671.J62
High stress abrasion wear-effect of load & speed. [Equipment]. Singh, C P *J Agric Eng* 9 (2): 14-21. June 1972

091378 S671.J62
Temperature study in grain storage bins. Bakshi, A S *J Agric Eng* 9 (2): 30-43. June 1972

091379 S671.J62
Efficacy of different storage containers on seed quality of soybeans. Pandey, M K *J Agric Eng* 9 (2): 62-66. June 1972

091380 S671.J62
Bullock drawn groundnut digger. Toor, H S *J Agric Eng* 9 (3): 59-60. Sept 1972

091381 S671.J62
Design & development of a vane type open channel flow measuring device. [Irrigation]. Agarwal, V K *J Agric Eng* 9 (3): 61-66. Sept 1972

091382 S671.J62
Design of a tractor-drawn irrigaiton channel-cum-bund former. Singh, J *J Agric Eng* 9 (3): 67-69. Sept 1972

091383 S671.J62
Discussion of paper: effect of length scale in tillage tool similitude studies vol. IX, no. 1, March 1972. Panwar, J S *J Agric Eng* 9 (3): 70-73. Sept 1972

091384 66.9 J27 SUPPL.
Studies on vacuum seed sowing equipment (VSSE) of Hokuto type. 2. actual state of utilization & possibility of non thinning transplanting cultivation. (Jap) Ohara, T *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 129-136. 1972

091385 66.9 J27 SUPPL.
Universal spray attachment for sugar beet. (Jap) Okamura, T *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 145-150. Eng. Sum. 1972

091386 66.9 J27 SUPPL.
Relation between stand & root yield of sugar beets in mechanical planting of monogerm seeds. (Jap) Imai, M *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 27-34. Eng. Sum. 1972

091387 58.8 J29
Some problems concerning mechanization of flood & internal water control. (Hun) Nagy, T *Jarmuvek Mezogazdasagi Gepek* 20 (3): 81-85. Eng. Sum. Mar 1973

091388 58.9 J762
Annual report of Swedish Institute of Agricultural Engineering, 1971-1972. (Swe) *Jordbrukstek Inst Meddel* 346, 77 P. 1972

091389 S19.J3
Threshing performance of Japanese type combine. Ezaki, H *JArq (j Agr Res Quart)* 7 (1): 25-30. 1973

091390 HD1491.G3K6
Managing & organizing of large scale use of machines & shift work in fodder harvest. (Ger) Siegemund, E *Kooperation* 7 (5): 199-201. May 1973

091391 HD1491.G3K6
How permanent availability of agricultural equipment is secured. (Ger) Hergl, E *Kooperation* 7 (5): 202-205. May 1973

091392 99.8 K99
Experimental study on vibrations at driver's seat of wheel tractor. 1. Fundamental experiment at flat road. (Jap) Morita, K *Kyushu Univ Res Inst Univ Forests Bull Kyushu Univ Forests* 47: 271-294. Eng. Sum. Mar 1973

091393 18 L2353
Stress on high performance tractor gears. (Ger) Kuhlborn, H *Landbauforsch Volkenrode* 22 (2): 137-144. Ref. Eng. Sum. Dec 1973

091394 HD1987.L34
Economic aspects of labor saving equipment. [Horticulture]. (Dut) Groenewegen, C A M *Landbouw-Econ Inst Afd Tuinbouw (publ)* 4.57, 44 P. Feb 1973

091395 58.8 L2352
Speedier grass drying with combined mowing, flailing, & spreading. (Dut) Wijk, A van *Landbouwmechanisatie* 24 (5): 439-445. Eng. Sum. May 1973

091396 58.8 L2352
Selective thinners in Netherlands. (Dut) Strooker, E *Landbouwmechanisatie* 24 (5): 451-455. Eng. Sum. May 1973

091397 58.8 L2352
Economical watering apparatus for field cultivation. (Dut) Elema, H M *Landbouwmechanisatie* 24 (5): 461-467. May 1973

091398 58.8 L2352
Some mechanized ways of preparing ensilage from dried grass. [Equipment]. (Dut) Loo, L van *Landbouwmechanisatie* 24 (5): 483-486. May 1973

091399 58.8 L2352
Farm machinery at 75th Verona Fair. (Dut) Elema, H M *Landbouwmechanisatie* 24 (5): 491-495. May 1973

091400 58.8 L235
Combined equipments for grain tillage. (Ger) Heege, H J *Landtechnik* 28 (3): 65-68, 70-72. Ref. Feb 20, 1973

091401 58.8 L235
Results with special corn sowing equipment. (Ger) Frizen, H W *Landtechnik* 28 (3): 73-78. Feb 20, 1973

091402 58.8 L235
Mechanization of storehouses & outlays of aerated hay. (Ger) Blumel, K *Landtechnik* 28 (6): 169-172, 174, 176. Ref. Apr 1, 1973

091403 58.8 L235
Adjustment factors of plant protection implements. (Ger) Ostarhild, H *Landtechnik* 28 (6): 180-185. Apr 1, 1973

091404 58.8 L235
Methods to accelerate drying process of meadow grass. (Ger) Schurig, M *Landtechnik* 28 (7): 204-206. May 1973

091405 58.8 L235
Aspects in selection of tractors for viticulture. (Ger) Schunke, U *Landtechnik* 28 (7): 206-210. May 1973

091406 58.8 L235
Trend, motive & evaluation of increasing tractor performance. (Ger) Tebrugge, F *Landtechnik* 28 (7): 211-215. May 1973

091407 58.8 L235
Monitors for supervising function & working quality of combines. (Ger) Eimer, M *Landtechnik* 28 (7): 215-218. May 1973

091408 58.8 L235
Mechanical weed ocntrol in corn culture is timely again? (Ger) Geyer, C *Landtechnik* 28 (7): 218-219. May 1973

091409 S7.L35
Considerations on possibilities & limitations of use of agricultural machinery in developing countries. (Ger) Engel, R *Landwirt Ausl* 7 (2): 34-36. Mar/Apr 1973

091410 58.8 M186
Glance at agricultural mechanization in Brazil. (Fre) Dutartre, J *Mach Agr Trop* 41: 18-29. Map. Jan/Mar 1973

091411 58.8 M186
Some data on rice culture in Surinam. [Mechanization]. (Fre) La Moigne, M *Mach Agr Trop* 41: 25-33. Map. Eng. Sum. Jan/Mar 1973

091412 58.8 M186
Practical information: Mechanization of traditional agricultural practices in north Sahel zone. A. Statement of method & material. (Fre) Fort, J *Mach Agr Trop* 41: 34-40. Eng. Sum. Jan/Mar 1973

091413 58.8 M186
Dress rehearsal of 44th International Show of Agricultural Machinery. (Fre) Labrousse, G *Mach Agr Trop* 41: 6-17. Eng. Sum. Jan/Mar 1973

091414 58.8 M4623
Installation of equipment for distribution of forages to pigs. (Rum) Sopon, N *Mec Elec Agr* 18 (3): 20-28. Mar 1973

091415 58.8 M4623
Mechanical planting of grasses. (Rum) Trandafir, S *Mec Elec Agr* 18 (3): 36-40. Mar 1973

091416 58.8 M4623
Recommendations for operation of combine CRF-2,1 when harvesting forage plants. (Rum) Manisor, P *Mec Elec Agr* 18 (3): 41-43. Mar 1973

091417 58.8 M4623
Experimental research on improvement of indices of production of hammer mills MC-3. [Feed, processing equipment]. (Rum) Caproiu, M *Mec Elec Agr* 18 (3): 44-53. Mar 1973

091418 58.8 M4623
A modern silo chopper. (Rum) Schobel, K *Mec Elec Agr* 18 (3): 54-57. Mar 1973

091419 58.8 M4623
A combination of chopper, fiber removing & moistening equipment type SMT Gottlob 58. [Feed]. (Rum) Dzamba, A *Mec Elec Agr* 18 (3): 58-61. Mar 1973

091420 58.8 M4623
Adaptation of mower CPM-2,1 to tractor U-650. (Rum) Radu, G *Mec Elec Agr* 18 (3): 62-65. Mar 1973

091421 58.8 M4623
Requirements in application of combines for harvesting of potatoes. (Rum) Bria, N *Mec Elec Agr* 18 (3): 71-74. Mar 1973

091422 58.8 M4623
Technology in mechanization of work in grape culture institutions. (Rum) Tanasescu, C *Mec Elec Agr* 18 (4): 11-24. Apr 1973

091423 58.8 M4623
Results from mechanization of work in grape vineyards planted on sandy soil. (Rum) Stanescu, S *Mec Elec Agr* 18 (4): 25-31. Apr 1973

091424 58.8 M4623
Extension of mechanization essential conditions for modernization & profits from grape culture. (Rum) Toma, D *Mec Elec Agr* 18 (4): 3-10. Apr 1973

091425 58.8 M4623
Mechanization of grape culture & preservation of soil fertility. (Rum) Zagardan, A *Mec Elec Agr* 18 (4): 32-41 Apr 1973

091426 58.8 M4623
Mechanization of work for elimination of twigs in grape vineyards. (Rum) Sulea, I *Mec Elec Agr* 18 (4): 42-50. Apr 1973

091427 58.8 M4623
Experience from State Farm Murfatlar in area of mechanization of work of grape vineyards. (Rum) Dimian, C *Mec Elec Agr* 18 (4): 57-62. Apr 1973

091428 58.8 M4623
Methods related to mechanical harvesting of grapes. (Rum) Ruxandu, C *Mec Elec Agr* 18 (4): 71-74. Apr 1973

091429 58.8 M4623
Aspects of development of mechanization of works of grape culture. (Rum) Balan, V *Mec Elec Agr* 18 (4): 75-79. Apr 1973

091430 58.8 M467
Supercoltivatore acntone t-300, a self-propelled machine for tillage, seeding & application of chemicals. (Cze) Jara, J *Mech Zemedel* 23 (3): 102-104. Eng. Sum. 1973

091431 58.8 M467
Mechanization of operations in growing of sugar-beet. (Cze) Fiedler, J *Mech Zemedel* 23 (3): 92-94. Eng. Sum. 1973

091432 58.8 M467
Modern milking & milk cooling equipment. (Cze) Mergl, M *Mech Zemedel* 23 (3): 96-99. Eng. Sum. 1973

091433 58.8 M467
Prospects for agricultural tractors. (Cze) Kosek, J *Mech Zemedel* 23 (4): 131-134. 1973

091434 44.8 M47
Flexibility in cooling chain with Igloo-Flex cooler. [Dairy products]. (Nor) *Meieriposten* 62 (20): 383-387. May 19, 1973

091435 58.8 M572
Fertilizer spreaders in vineyards with wide space. (Hun) Koszeghy, G *Mezogazdasagi Tech* 13 (3): 13-15. 1973

091436 58.8 M572
Mechanical harvesting of black currants. [Equipment]. (Hun) Nemethy, L *Mezogazdasagi Tech* 13 (3): 22-23. 1973

091437 58.8 M572
Mechanization of tobacco culture.I. (Hun) Bardach, S *Mezogazdasagi Tech* 13 (4): 18-19. 1973

091438 58.8 M572
Mechanization of sheep shearing. (Hun) Pellerdy, G *Mezogazdasagi Tech* 13 (4): 6-7. 1973

091439 107.6 T78
Studies on development of selective tea-picking machine. I. On mechanical property of tea-sprouts & breaking test of them by employing an elastic rubber edge. (Jap) Sato, J *Mie Univ Fac Agr Bull* 45: 135-163. Eng. Sum. Mar 1973

091440 18 N39
Which hay making machine? (Ger) Behrendsen, H J *Mitt Deut Landwirt-ges* 88 (22): 628-630. May 31, 1973

091441 18 N39
Mechanization in swine rearing. (Ger) Vogt, C *Mitt Deut Landwirt-ges* 88 (23): 658-660. June 7, 1973

091442 S19.M6
Farm mechanisation in context of modern technology. Garg, J S *Mod Agric* 3 (2): 27-28. Mar/Apr 1972

091443 S19.M6
Farm mechanisation, a new dimension to rural economy. Bhogilal, P *Mod Agric* 3 (2): 29-30. Mar/Apr 1972

091444 69.8 N48
Report on mini picking machine. Goodall, T W *N Z Tob Growers' J* P. 20-21. May 1973

091445 290.9 AG8
Studies on subsoil improvement of poldered paddy fields in Kojima Bay. IV. Model experiments for behavior of subsoil under vibratory load. [Tractors]. (Jap) Nagahori, K *Nogyo Doboku Gakkai Trans* 43: 7-11. Eng. Sum. Jan 1973

091446 284.28 N77
Mechanization in agriculture & its related enterprises: greenhouse horticulture. (Jap) Yusa, K *Norin Kinyu* 26 (4): 27-43. Apr 1973

091447 11 N8122
We plow with a wood-carver plow. (Nor) Sandkleiva, A *Norsk Landbruk* 7: 14-15. Apr 5, 1973

091448 11 N8122
One solution to hoisting problems in silo. (Nor) Heggem, A *Norsk Landbruk* 9: 4-5. May 10, 1973

091449 94.69 N81
Mechanical harvesting of stwarberries. Stang, E J *Northern Nut Growers Ass Annu Rep* 63: 97-100. Ref. 1972

091450 464.4 N83
Field sprinkler system. (Nor) Nordby, A *Norway Landbruksdep Opplysningstjenesten Smaskr* 2, 15 P. 1973

091451 81 OR32
Advances in irrigation equipment. Shearer, M N *Oreg Hort Soc (proc)* 64: 176-177. 1973

091452 81 W524
Advances in mechanical harvesting & handling of peaches. Webb, B K *Proc Annu Conv Natl Peach Counc* 32D: 120-124. 1973

091453 S19.P7
Implements for sowing maize economically. [Equipment]. Rawal, G S *Progr Farming* 9 (10): 17-18. June 1973

091454 SB950.A1P3
Chain scythe, a simple tool for controlling aquatic weeds in irrigation canals. Druijff, A H *PAns Pest Artic News Summ* 19 (2): 216-128. Ref. June 1973

091455 S544.3.M6M6
Changes in farm size & machinery use: Triangle Area of Montana, 1967 to 1972. Greer, R C *Res Rep Mont Agric Exp Stn Mont State Univ* 41, 20 P., Map. May 1973

091456 20.5 R59 SER. C
Optimalization of combine testing planning under farm-working conditions. (Pol) Kostecki, T *Rocz Nauk Roln Ser C Mech Roln* 69 (3): 41-53. Eng. Sum. 1972

091457 80 SA15
Energy capacity of a new hoeing method. [Grapes]. (Rus) Lukashevich, P A *Sadov Vinogradarstvo Vinodelie Moldavii* 4: 41-45. Apr 1973

091458 80 SA15
Mechanized removal of cuttings in fruit crop nurseries. (Rus) Diankov, V. I. *Sadov Vinogradarstvo Vinodelie Moldavii* 4: 45-46. Apr 1973

091459 21 P75
Contribution to investigations of power required for harvesting fodder crops. (Cro) Milojevic, B *Savremena Poljoprivreda* 20 (10): 71-80. Eng. Sum. 1972

091460 58.8 T678AG
Development trends in mechanical soil cultivation. (Ger) Zumbach, W *Schweiz Landtech* 35 (5): 283-289. Mar 1973

091461 58.8 T678AG
Survey of designs of modern seeding machines & single-grain implements. (Ger) Monhart, V *Schweiz Landtech* 35 (6): 347-351. Apr 1973

091462 58.8 T678AG
Braking of trailers & adhering machines. 1. tractor driver endangered in country. (Ger) Hefti, J *Schweiz Landtech* 35 (6): 352-354. Apr 1973

091463 58.8 T678AG
My workshop always helps me save money. [Welding]. (Ger) Fehlmann, H U *Schweiz Landtech* 35 (6): 354-356. Apr 1973

091464 58.8 T678AG
Experiences with pneumatic 'Accord PAS' fertilizer distributer. (Ger) Irla, E *Schweiz Landtech* 35 (6): 380-386. Apr 1973

091465 58.8 T678AG
Experiences with 'Accord Pneumatic' seeding machine. (Ger) Irla, E *Schweiz Landtech* 35 (6): 387-392. Apr 1973

091466 17 SCH93
Agricultural machine science in Switzerland, state of mechanization, tasks of research, training. (Ger) Studer, R *Schweiz Landwirt Monatsh* 51 (5): 173-188. Ref. May 1973

091467 80 SCH9
Comparative testing of tree blower sprayers. (Ger) Zumbach, W *Schweiz Z Obst Weinbau* 109 (12): 281-287. May 26, 1973

091468 S13.S55
First steps in widespread use of tractors, 1922-1932. (Rus) Belousov, I S *Sib Vestn S-kh Nauk* 2: 108-111. Mar/Apr 1973

091469 S13.S55
Effectiveness of main equipment & methods of introducing ammonia liquor into soil. [Fertilizers]. (Rus) Repetov, A N *Sib Vestn S-kh Nauk* 2: 75-79. Mar/Apr 1973

091470 9.6 SU7
Proceedings of a meeting of experts on mechanization of rice production & processing. (Dut) Dijk, A D van *Surinaamse Landbouw* 20 (3): 15-21. Eng. Sum. 1972

091471 100 T31P
Educational needs for employment in Texas agribusiness. [Machinery, equipment]. Fritsch, C F *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3192, 5 P. May 1973

091472 HD9130.1.T6
Simulation of machine application with hand-held equipment. [Tobacco, sucker control spray]. Seltmann, H *Tob Sci* 16: 100. 1972

091473 HD9130.1.T6
Mechanical harvesting of flue-cured tobacco. 2. Mechanical leaf alignment. Suggs, C W *Tob Sci* 16: 129-133. 1972

091474 HD9130.1.T6
Mechanical harvesting of flue-cured tobacco. I. Leaf removing devices. Suggs, C W *Tob Sci* 16: 35-39. 1972

091475 18 UB3
Standard tractor, self propelled tractor, system tractor. (Ger) Isselstein, R *Uebersicht* 24 (5): 350-357. May 12, 1973

091476 100 W52 (1)
Development of a wide swath lime & fertilizer spreader. Primrose, E E *W Va Agr Exp Sta Bull* 623 T, 30P. Ref. May 1973

091477 58.9 C333
Straw crushing & distribution by brushers mounted on harvester-thrashers. (Cze) Maler, J *Zemed Tech* 19 (2): 105-122. Feb 1973

SOIL SCIENCE

091478 505 P21 (3)
Characterization of forms of sulfur in mangrove soils: Proof of a fraction tied to organic matter. (Fre) Vieillefon, J *Acad Sci (paris) C R Ser D* 276 (19): 2629-2632. May 9, 1973

091479 S13.A2
Possibility to determine negative absorption on onions in soil. (Slo) Bizik, J *Acta Fytotechnica* 25: 87-94. Eng. Sum. 1972

091480 S13.A2
Ammonization in soil with winter wheat. (Slo) Marendiak, D *Acta Fytotechnica* 26: 25-51. Ref. Eng. Sum. 1972

091481 19 B855
Genetics of Brown Forest soils with stanant water. (Hun) Stefanovits, P *Agrartud Kozl* 31 (2): 189-193. 1972

091482 19 B855
Some characteristic soil type of western Hungary & protection against erosion. (Hun) Fekete, Z *Agrartud Kozl* 31 (2): 195-200. 1972

091483 22.5 N682
Soil sampling methods used by agronomists. 1. (Jap) Matsuo, Y *Agric Hortic* 48 (5): 11-16. May 1973

091484 21.5 AG84
Soil assessment of cultivated land by means of weeds. (Cro) Kovacevic, J *Agron Glas* 36 (7/8): 439-444. 1972

091485 26 AG86
Soil acidity & liming. [Madagascar]. (Fre) Celton, J *Agron Trop (paris)* 28 (2): 123-130. Eng. Sum. Feb 1973

091486 26 AG86
Phosphorus evolution in a ferralitic soil subject to different agricultural treatments. [Central African Republic]. (Fre) Pichot, J *Agron Trop (paris)* 28 (2): 131-146. Ref. Eng. Sum. Feb 1973

091487 26 AG86
Study of residual effects of phosphorus in two ferralitic soils by using various analytical methods. [Madagascar]. (Fre) Truong, B *Agron Trop (paris)* 28 (2): 147-155. Eng. Sum. Feb 1973

091488 26 AG86
Investigation methods for analysis & classification of lowlands in some areas of West Africa: A proposed classification for lands suitable to rice growing. (Fre) Kilian, J *Agron Trop (paris)* 28 (2): 156-172. Ref. Eng. Sum. Feb 1973

091489 442.9 AK17
Formation of a deep podzolic horizon under influence of pine roots. [Pinus, forest soils]. (Rus) Seliakov, S N *Akad Nauk Sssr Sibirsk Otd Biol Inst Tr* 15: 121-123. 1972

091490 442.9 AK17
Formation of forest litter & its content of ash components in pine forests of western Siberia. [Pinus, soil biology]. (Rus) Gabeev, V N *Akad Nauk Sssr Sibirsk Otd Biol Inst Tr* 15: 99-120. Ref. 1972

091491 75.8 P842
Efficacy of soil famigants for control of Verticillium wilt of potatoes. Powelson, R L *Amer Potato J* 50 (5): 162-1679 ref. May 1973

091492 S7.A755
On effect of synthetic soil conditioners on structural stability of dump soils. (Ger) Thum, J *Arch Acker Pflanz Bodenkd* 17 (1): 3-15. Ref. Eng. Sum. 1973

091493 S7.A755
On effect of bitumen emulsions on soil temperature & plant yield. [Corn, sugar beets, East Germany]. (Ger) Schmidt, O *Arch Acker Pflanz Bodenkd* 17 (2): 111-119. Eng. Sum. 1973

091494 S7.A755
Relationships between permeability & other soil parameters in loess soils. (Ger) Clausnitzer, J *Arch Acker Pflanz Bodenkd* 17 (3): 179-186. Map. Eng. Sum. 1973

091495 S7.A755
On possibility of applying a method for classification of permeability of pedologically defined areas to regions that are characterized by soil estimate. (Ger) Thomas, M *Arch Acker Pflanz Bodenkd* 17 (3): 187-194. Eng. Sum. 1973

091496 S7.A755
An efficient method of granulometric analysis (mechanical analysis). [Soils]. (Ger) Just, G *Arch Acker Pflanz Bodenkd* 17 (4): 251-254. Eng. Sum. 1973

091497 S7.A755
A field method for determining silt & clay contents of soil samples. (Ger) Just, G *Arch Acker Pflanz Bodenkd* 17 (4): 255-258. Eng. Sum. 1973

091498 S7.A755
Comparative investigations on content of active manganese in important soils of arid & humid tropics. (Ger) Pagel, H *Arch Acker Pflanz Bodenkd* 17 (4): 259-269. Ref. Eng. Sum. 1973

091499 S7.A755
Studies on suitability of potassium-calcium exchange curves for characterizing plant-available potassium in soils. (Ger) Flossmann, R *Arch Acker Pflanz Bodenkd* 17 (4): 283-288. Eng. Sum. 1973

091500 S7.A755
Relationships between climatic water balance & soil moisture under cereals on a Lo-4 site. (Ger) Stock, H G *Arch Acker Pflanz Bodenkd* 17 (4): 289-298. Ref. Eng. Sum. 1973

091501 8 B45A
Soil moisture. Hughes, I W *Bermuda Dep Agr & Fish Mon Bull* 43 (6): 51-53. June 1973

091502 SD1.B7
Composition of humus in Podzol soils, Brown & Grey Forest soils of Czechoslovakia. (Ger) Pelisek, J *Brno Vys Sk Zemed Acta Sb Rada C Spisy Fak Lesn* 41 (2): 107-129. Ref. Eng. Sum. 1972

091503 QH540.S7
Direct electron microscopic techniques for observation of microorganisms in soil. Nikitin, D I *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17 :85-92. Ref. 1973

091504 QH540.S7
Modern methods in study of microbial ecology; proceedings of a symposium held at Agricultural College, Uppsala, Sweden, June 19-23, 1972. [Soils, vegetation]. *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17, 511 P. 1973

091505 QH540.S7
A method to study microorganisms on surface films from soil particles with aid of transmission electron microscope. Waid, J S *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 103-108. 1973

091506 QH540.S7
Scanning electron microscopy in study of terrestrial microbial ecology. [Forest litter]. Todd, R L *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 109-118. Ref. 1973

091507 QH540.S7
Use of fluorescent-antibody technique to study ecology of Basillus subtillis in soil. Gray, T R G *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 119. 1973

091508 QH540.S7
Description & comparison of microbial populations in ecological studies with aid of factor analysis. [soils]. Sundman, V *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 135-141. Ref. 1973

091509 QH540.S7
Isolation of chemoautotrophic nitrifiens from Moroccan soils. Schmidt, E L *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 166-167. 1973

091510 QH540.S7
Techniques to study interatcions between microorganisms & clay minerals in vivo & in vitro. [Soils]. Stotazky, G *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 17-28. 1973

091511 QH540.S7
Importance of temperature factor in study of cold soils microbiology. Gounot, A M *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 172-173. 1973

091512 QH540.S7
Compatibility of microbial measurements. [Soil fungi]. Witkamp, M *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 179-188. 1973

091513 QH540.S7
Microcalorimetry in study of activity of microrganisms. [Soils]. Mortensen, U *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 189-197. 1973

091514 QH540.S7
Radiorespirometric methods in measurement of metabolic activities in soil. [Microorganisms]. Hubbard, J S *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 199-206. 1973

091515 QH540.S7
Use of ATP assay in terrestrial decomposition studies. Ausmus, B S *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 223-234. Ref. 1973

091516 QH540.S7
Dehydrogenase: An indicator of biological activites in arid soils. Skujins, J *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 235-241. 1973

091517 QH540.S7
An isotopic technique for measuring autotrophic activity of soil microorganisms in situ. Smith, D W *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 243-246. 1973

091518 QH540.S7
Assaying nitrogenase (C2H2) activity in th field. [Soils]. Balandreau, J *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 247-254. 1973

091519 QH540.S7
Kinetics of nitrogen fixation & acetylene reduction, & effects of oxygen & of acetylene on these prodesses, in a soil system. Knowles, R *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 255-262. Ref. 1973

091520 QH540.S7
Use of gas chromatography for studies of denitrification in ecosystems. [Soils]. Payne, W J *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 263-268. Ref. 1973

091521 QH540.S7
Investigations on extraction of adenosine triphosphate from soils. Anderson, J R *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 271-273. 1973

091522 QH540.S7
Separation of microbial & root respiration. [Soils]. Paul, E A *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 274. 1973

091523 QH540.S7
An autoradiographic technique to observe uptake & utilization by microorganisms of carbon-14 derived from labelled herbicides in soil. Grossbard, E *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 275-276. 1973

091524 QH540.S7
Autoradiographic techniques in studies on decomposition of plant residues labelled with carbon-14. Grossbard, E *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 279-280. 1973

091525 QH540.S7
Selective inhibition as a method for estimation of relative activities of microbial populations in soils. Anderson, J P E *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 281-282. 1973

091526 QH540.S7
Techniques for study of soil fungi. Parkinson, D *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 29-36. Ref. 1973

091527 QH540.S7
Turnover of microbial populations & their metabolites in soil. McGill, W B *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 293-301. Ref. 1973

091528 QH540.S7
Determination of bacterial growth rates in tundra soils. Parinkina, O M *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 303-309. 1973

091529 QH540.S7
Use of a selective medium to study ecology of Pseudomonas spp. in soil. Rovira, A D *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 329-335. 1973

091530 QH540.S7
A fluorescent antibody technique for determination of growth rates of bacteria in soil. Bohlool, B B *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 336-338. 1973

091531 QH540.S7
Microstructure of elementary microbial ecosystems: [Soils]. Nikitin, D I *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 357-365. Ref. 1973

091532 QH540.S7
Parasitic soil microorganisms. Mishustin, E N *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 37-44. Ref. 1973

091533 QH540.S7
Microbial oxidation of ammonium in a continous flow system. [nitrosomonas, Nitrobacter]. Bazin, M J *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 398-399. 1973

091534 QH540.S7
Decomposition: Models & real world. [Soils]. Bunnell, F *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 407-415. 1973

091535 QH540.S7
A vector biochemical approach to consecutive reactions of nitrogen in soil. McLaren, A D *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 427-431. 1973

091536 QH540.S7
Measuaes of rank distances followed by repeated clustering & tests of rank correlations in study of biological & chemical data from tropical forest soils (Aubry, A M *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 433-442. 1973

091537 QH540.S7
Are modelling approaches useful in rhizosphere biology? Bowen, G D *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 443-450. Ref. 1973

091538 QH540.S7
Problems of assessing effect of pollutants on microbial activity. Grossbard, E *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 457-463. Ref. 1973

091539 QH540.S7
Use of capillary techniques in ecological studies of microorganisms. [soils]. Aristovskaya, T V *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 47-52. Ref. 1973

091540 QH540.S7
A system for evaluating effects of pesticides on soil microbial activity. Anderson, J R *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 470-472. Ref. 1973

091541 QH540.S7
Rapid techniques for assessment of effect of herbicides on soil microorganisms & cellulolytic activity. Grossbard, E *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 473-474. 1973

091542 QH540.S7
Effect of different pollutants on microbial activity studied in soil model system. Beck, T *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 475-476. 1973

091543 QH540.S7
Life detection by gas chromatography-mass spectrometry of microbial metabolites. Francis, A J *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 485-488. 1973

091544 QH540.S7
Martian life detection based on in situ gas analysis. [Soils]. Tiedje, J M *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 489-497. Ref. 1973

091545 QH540.S7
Use of fluorescence microscopy for counting soil microorganisms. Trolldenier, G *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 53-59. Ref. 1973

091546 QH540.S7
A spectrophotofluorometric method for studying algae in soil. El-Din Sharabi, N *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 77-84. Ref. 1973

091547 QH540.S7
Rhizosphere of wheat roots studied by electron microscopy of ultra-thin sections. Foster, R C *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 93-102. 1973

091548 450 C16
Forced ruhbarb quality affected by soil moisture levels in forcing shed. Chipman, E W *Can J Plant Sci* 53 (2): 331-333. Apr 1973

091549 56.8 C162
Characteristics of humo-ferric, luvisolic, & lithic Podzol at Esprit-Saint, in Rimouski County, Quebec. (Fre) Laflamme, G *Can J Soil Sci* 53 (2): 145-154. Ref. Eng. Sum. May 1973

091550 56.8 C162
Some characteristics of La Pocatiere & St-Pascal soils developed on marine sediments in quebec. Laverdiere, M R *Can J Soil Sci* 53 (2): 155-162. May 1973

091551 56.8 C162
Comparisons of methods of pH [hydrogen-ion concentration] determination for organic terrain surveys. Stanek, W *Can J Soil Sci* 53 (2): 177-183. Ref. May 1973

091552 56.8 C162
Fe[iron] status of Brunisolic & related soil profiles. Lutwick, L E *Can J Soil Sci* 53 (2): 185-197. Ref. May 1973

091553 56.8 C162
Interaction of humic substances with bipyridylium herbicides. Khan, S U *Can J Soil Sci* 53 (2): 199-204. Ref. May 1973

091554 56.8 C162
Effects of temperature on N03[unstable intermediate oxide of nitrogen] & N02[nitrogen dioxide reduction, nitrogenous gas production, & redox potential in a saturated soil. Bailey, L D *Can J Soil Sci* 53 (2): 213-218. Ref. May 1973

091555 56.8 C162
Effects of moisture, added N03[unstable intermediate oxide of nitrogen], & macerated roots on N03[unstable intermediate oxide of nitrogen] transformation & redox potential in surface & subsurface oils. Bailey, L B *Can J Soil Sci* 53 (2): 219-230. Ref. May 1973

091556 56.8 C162
In situ measurement of dissolved materials as an indicator of organic terrain type. [soil chemistry]. Walmsley, M E *Can J Soil Sci* 53 (2): 231-236. Ref. May 1973

091557 56.8 C162
A modified aluminon reagent for determination of aluminum after HNO [nitric acid]-H2S04 [sulfuric acid] digestion. [Soil chemistry]. Wang, C *Can J Soil Sci* 53 (2): 237-239. May 1973

091558 56.8 C162
Dissolution of chlorite minerals by fulvic acid. [Soil chemistry]. Kodama, H *Can J Soil Sci* 53 (2): 240-243. Ref. May 1973

091559 56.8 C162
Use of oxalate for Fe [iron] extraction from soils. [Soil chemistry]. Schwertmann, U *Can J Soil Sci* 53 (2): 244-246. May 1973

091560 384 C4283
Model tests made with a view to determining rate of decomposition of herbicide Proximpham in soil in presence of herbicide secondary components. (Ger) Hamroll, B *Chem Tech (berlin)* 25 (7): 423-424. July 1973

091561 383 C42
Improvement of soil structure & water balance of soils by different special forms of silicic acid derivatives & silica gels containing nutrient elements. Zimmermann, F *Chim Indus – genie Chim* 106 (9): 577-581. Apr 1973

091562 80 C498
Organic matter in sandy Florida soils. Cruz, O E *Citrus Veg Mag* 36 (10): 33. June 1973

091563 475 SCI23
Survival of rhizobia in Nilgiris peat. Lund, D B *Cur Sci* 42 (12): 412-415. June 20, 1973

091564 104 D41A
Microbiological examinations of a forest soil profile. Lindgreen, H B *Denmark Vet-landbohojsk Arsskr* 226: 147-159. Ref. 1973

091565 104 D41A
Profile development in Danish loamy soils. Faizy, S A *Denmark Vet-landbohojsk Arsskr* 226: 49-63. Ref. 1973

091566 104 D41A
Formation of carphosiderite & jarosites at room temperature. [Soil chemistry]. Pedersen, B *Denmark Vet-landbohojsk Arsskr* 226: 71-85. Ref. 1973

091567 QH540.E3
Experiment in application of sample analysis methods to problems of evaluation f saline river soils according to vegetation. (Rus) Rozenberg, G S *Ekologiia* 6: 31-34. Ref. 1972

091568 QH540.E3
Effect of vegetation fall on vertical migration of strontium-90 in soil. (Rus) Chebotina, M IA *Ekologiia* 6: 84-86. 1972

091569 SB931.A1E5
Effect of petroleum fractions on cotton plants, soil structure and permeability. [Spodoptea littoralis, control]. El-Kifl, A H *Entomol Soc Egypt Bull Econ Ser* 6: 103-110. 1972

091570 105.8 G36E
Filter function of soil. (Ger) Preusse, H U *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 343-350. Ref. 1972

091571 10 EX72
Movement & accumulation of boron in some Malaysian soils. Rajaratnam, J A *Exp Agr* 9 (3): 233-240. Ref. July 1973

091572 1 EX892EX
Health officials study characteristics of soils. [Sewage disposal]. Giebel, F B *Ext Serv Rev* 44 (4): 6-7. Apr 1973

091573 HD9016.I4F3
Ssline lands can yield rice crops. Rao, P V *Farm Fact* 7 (5): 13-15. Mar 1973

091574 HD9016.I4F3
Soil survey is a pre-requisite in agriculture. Solomon, I B *Farm Fact* 7 (5): 19. Mar 1973

091575 HD9016.I4F3
Alkaline, saline & acidic soil of Chingleput District. Ramachandran, P R *Farm Fact* 7 (5): 21-24. Mar 1973

091576 HD9016.I4F3
Alkaline, saline & acidic soil of Chingleput District. Ramachandran, P R *Farm Fact* 7 (6): 23-26. Map. Apr 1973

091577 24 SO842
Salinisation of costly irrigation land. Pietersen, J P *Farming S Afr* 48 (12): 43-46. Mar 1973

091578 S19.F63
Lime & phosphorus leaching. Iswaran, V *Food Farming Agric* 5 (1): 16. July 1972

091579 14 F844B
Mineral constituents of soil: Nature & properties in relation to soil tillage. (Fre) Servat, E *France Min Agr Bull Tech Inform* 278 (Special No.): 155-169. Ref. Mar/Apr 1973

091580 14 F844B
Mediterranean climate & agricultural tillage. (Fre) Damagnez, J *France Min Agr Bull Tech Inform* 278 (Special No.): 171-176. Mar/Apr 1973

091581 14 F844B
Problems of soil physics raised by new cultural techniques. (Fre) Monnier, G *France Min Agr Bull Tech Inform* 278 (Special No.): 177-184. Ref. Mar/Apr 1973

091582 14 F844B
Influence of cultural methods on water percolation & draining process in Mediterranean zone. [Soils]. (Fre) Chabert, F de *France Min Agr Bull Tech Inform* 278 (Special No.): 191-194. Mar/Apr 1973

091583 14 F844B
Mechanical properties of soil-air-water system. (Fre) Maniere, G *France Min Agr Bull Tech Inform* 278 (Special No.): 195-200. Mar/Apr 1973

091584 100 F92
Soil recycles carbon monoxide. Heichel, G H *Frontiers Plant Sci (Conn Sta)* 25 (2): 4-5, 7. May 1973

091585 80 F948
Can plant available calcium be determined in soils? Deist, J *Fruit World Market Grower* 74 (3): 30-32. Mar 1973

091586 105.1 G344
Structural problems of Indonesian soils. Muljadi, D *Ghent Rijksfac Landbouwetensch Meded* 37 (3): 1062-1065. 1972

091587 105.1 G344
Preliminary study on some saline soils of Peru using a hydrophobic emulsion. Flores, A R *Ghent Rijksfac Landbouwetensch Meded* 37 (3): 1066-1075. Ref. 1972

091588 105.1 G344
Practical aspects of structure deterioration due to air explosion. [Soils]. Koenigs, F F R *Ghent Rijksfac Landbouwetensch Meded* 37 (3): 1086-1094. 1972

091589 105.1 G344
Air pressure within soil aggregates during quick wetting & subsequent 'explosion'. I. Preliminary experimental results. Stroosnyder, L *Ghent Rijksfac Landbouwetensch Meded* 37 (3): 1095-1106. 1972

091590 105.1 G344
Determination of benzo (A) pyrene in bitumen & crops grown on bitumen treated soils. Schamp, N *Ghent Rijksfac Landbouwetensch Meded* 37 (3): 1107-1113. 1972

091591 105.1 G344
Some aspects of field water cycle affected by soil surface conditions. Hillel, D *Ghent Rijksfac Landbouwetensch Meded* 37 (3): 1114-1131. Ref. 1972

091592 105.1 G344
Effect of soil crusts on infiltration: effect of aggregate size & depth of tillage on steady infiltration through crust-topped tilled soils. Farrell, D A *Ghent Rijksfac Landbouwetensch Meded* 37 (3): 1132-1149. Ref. 1972

091593 105.1 G344
Interactions between organic polymers & inorganic soil particles. Greenland, D J *Ghent Rijksfac Landbouwetensch Meded* 37 (3): 897-914. Ref. 1972

091594 105.1 G344
Adsorption of polyvinyl alcohols by oxides & clays with non-expanding lattices. [Mont morillonite]. Greenland, D J *Ghent Rijksfac Landbouwetensch Meded* 37 (3): 915-922. 1972

091595 105.1 G344
Physico chemical interaction of polyacrylamide on clay particles. Schamp, N *Ghent Rijksfac Landbouwetensch Meded* 37 (3): 923-937. 1972

091596 105.1 G344
Physical & chemical aspects of stability of soil aggregates. Bolt, G H *Ghent Rijksfac Landbouwetensch Meded* 37 (3): 955-973. Ref. 1972

091597 105.1 G344
Preliminary results of an empirical study of movement of polymers through soil & their effect on dispersion of clay from aggregates. Carr, C E *Ghent Rijksfac Landbouwetensch Meded* 37 (3): 982-992. 1972

091598 105.1 G344
Reaction of soil textures on soil conditioning with an emulsion of bitumen & solution of adhesive (PAM). Vandevelde, R *Ghent Rijksfac Landbouwetensch Meded* 37 (3): 993-1013. Ref. 1972

091599 105.1 G344
Denitrification process in closed anaerobic conditions of gamma-irradiated & non-irradiated soil samples. Cleemput, O *Ghent Rijksfac Landbouwetensch Meded* 37 (4): 1177-1184. Reff. 1972

091600 105.1 G344
Connection between soil thermal content & soil moisture content. (Dut) Hartmann, R *Ghent Rijksfac Landbouwetensch Meded* 37 (4): 1249-1260. Ref. Eng. Sum. 1972

091601 S544.3.H3H3
PH [hydrogen-ion concentration] dependent charge in soil clays. Tsuji, G Y *Hawaii Univ Ext Misc Publ* 104: 13-14. Apr 1973

091602 100 C12H
Depth distribution of salts in soils irrigated by means of permanent furrows. Pratt, P F *Hilgardia* 42 (1): 1-15. Ref. May 1973

091603 SB453.F37 1973
Soil, planter's keystone. Caldwell, J L *In Faust, Joan Lee. The New York Times Garden Book* P. 17-20. 1973

091604 GF3.I37 1971
World's soils & human activity. Kovda, V A *In International Conference on Environmental Future, 1St, J Yvaskyla, Finland, 1971. The Environmental Future* P. 359-393. Ref. 1971

091605 S631.I52 1972
Exchange of Zn, Mn, Cu & Fe in relation to saturation of soil complex. [Zinc, manganese, copper, iron]. Cottenie, A *In International Potash Institute. Proceedings of the 9Th Colloquium* P. 113-123. 1972

091606 S631.I52 1972
Changes in K [potassium]/Ca [calcium] exchange properties of clay in loess-derived soils in soil formation. Niederbudde, E A *In International Potash Institute. Proceedings of the 9Th Colloquium* P. 125-129. Ref. 1972

091607 S631.I52 1972
Effect of illite content in soils on potassium supply to plants. Feigenbaum, S *In International Potash Institute. Proceedings of the 9Th Colloquium* P. 131-138. Ref. 1972

091608 S631.I52 1972
Report on 2nd working session: ion exchange system of soil. Walsh, T *In International Potash Institute. Proceedings of the 9Th Colloquium* P. 141-144. 1972

091609 S631.I52 1972
Localised movement of potassium ions in soil. Nye, P H *In International Potash Institute. Proceedings of the 9Th Colloquium* P. 147-155. Ref. 1972

091610 S631.I52 1972
Potassium in soil minerals. Rich, C I *In International Potash Institute. Proceedings of the 9Th Colloquium* P. 15-31. Ref. 1972

091611 S631.I52 1972
Model calculations on vertical transport of potassium ions in soil. Frissel, M J *In International Potash Institute. Proceedings of the 9Th Colloquium* P. 157-168. 1972

091612 S631.I52 1972
Determination of desorption & solubility rates of nutrients in soil by means of electroultrafiltration (EUF). Nemeth, K *In International Potash Institute. Proceedings of the 9Th Colloquium* P. 171-180. Ref. 1972

091613 S631.I52 1972
Distribution of mobile & potential potassium reserves in soil. Darab, K *In International Potash Institute. Proceedings of the 9Th Colloquium* P. 189-196. Ref. 1972

091614 S631.I52 1972
Factors of mica transformation. [Soils, weathering]. Graf v Reichenbach, H *In International Potash Institute. Proceedings of the 9Th Colloquium* P. 33-42. Ref. 1972

091615 S631.I52 1972
Potassium in allophane & in zeolites. [soils]. Sticher, H *In International Potash Institute. Proceedings of the 9Th Colloquium* P. 43-51. Ref. 1972

091616 S631.I52 1972
Application of infrared spectroscopy to study of minerals weathing. [Soils]. Chaussidon, J *In International Potash Institute. Proceedings of the 9Th Colloquium* P. 53-56. 1972

091617 S631.I52 1972
Potash in feldspars. [Soils]. Rasmussen, K *In International Potash Institute. Proceedings of the 9Th Colloquium* P. 57-60. Ref. 1972

091618 S631.I52 1972
Mineral reserves of potassium in Irish soils & their release. Kiely, P V *In International Potash Institute. Proceedings of the 9Th Colloquium* P. 61-64. 1972

091619 S631.I52 1972
1St working session: some remarks on discussion on mineralogy of soil potassium. Weiss, A *In International Potash Institute. Proceedings of the 9Th Colloquium* P. 65-66. 1972

091620 S631.I52 1972
Report on the 1st working session: mineralogy of soil potassium. Bach, R *In International Potash Institute. Proceedings of the 9Th Colloquium* P. 67-71 1972

091621 S631.I52 1972
Cation exchange system of soil. Schuffelen, A C *In International Potash Institute. Proceedings of the 9Th Colloquium* P. 75-88 ref. 1972

091622 S631.I52 1972
Thermodynamics of cation exchange in soils. Bladel, R van *In International Potash Institute. Proceedings of the 9Th Colloquium* P. 89-96. Ref. 1972

091623 S631.I52 1972
Exchange of potassium in soils in relation to other cations. Talibudeen, O *In International Potash Institute. Proceedings of the 9Th Colloquium* P. 97-112. Ref. 1972

091624 QE697.L53
On formation of frost clefts. [Soils. (Rus) Berdnikov, V V *In Lessy, Pogrebennye Pochvy i Kriogennye Iavleniia na Rus Skoi Ravnine* P. 138-154. Ref. 1972

091625 QE697.L53
Differentiation in mineral composition of less horizons of Russian plain. (Rus) Khalcheva, T A *In Lessy, Pogrebennye Pochvy i Kriogennye Iavleniia na Rus Skoi Ravnine* P. 49-59. Ref. 1972

091626 QE697.L53
Basic horizons of loess soils & soil minerals of Russian plain. (Rus) Velichko, A A *In Lessy, Pogrebennye Pochvy i Kriogennye Iavleniia na Rus Skoi Ravnine* P. 5-25. Ref. 1972

091627 QE697.L53
Basic types of macropores in loess soils of Russian plain. (Rus) Markova, A K *In Lessy, Pogrebennye Pochvy i Kriogennye Iavleniia na Rus Skoi Ravnine* P. 60-70. Ref. 1972

091628 QE697.L53
Briansk mineral deposits of soil-stratigraphic importance & natural genesis. (Rus) Velichko, A A *In Lessy, Pogrebennye Pochvy i Kriogennye Iavleniia na Rus Skoi Ravnine* P. 71-114. Map. Ref. 1972

091629 SB453.5.W47
Soils of west. Rodale, J I *In Western Organic Gardening* P. 37-40. 1972

091630 SB453.5.W47
Changing pH [hydrogen-ion concentrates] from alkaline to acid. [Soils]. Schroeder, D *In Western Organic Gardening* P. 41-44. 1972

091631 513 IN25B
Soil moisture content & root exudates in relation to rhizosphere effect in leguminous weeds. [Cassia tora, Crotalaria medicaginea]. Sullia, S B *Indian Acad Sci Proc Sect B* 77 (6): 264-275. Ref. June 1973

091632 22 IN283
Gypsu-,fym a good combination in saline alkali soils. Dargan, K S *Indian Farming* 22 (9): 27-28. Dec 1972

091633 22 AG83I
Release of divalent cations from kankar [calcium carbonate] into chloride solutions. Monda, R C *Indian J Agr Sci* 42 (12): 1091-1094. Ref. Dec 1972

091634 22 AG83I
Effect of high Mg[magnesium]-waters on a bentonite clay complex as influenced by kankar. [Calcium carbonate, soil salinity]. Mondal, R C *Indian J Agr Sci* 42 (12): 1095-1098. Dec 1972

091635 22 AG83I
Characterization of water-repellency in Indian soils. [Irrigation, rainfall]. Das, D K *Indian J Agr Sci* 42 (12): 1099-1102. Ref. Dec 1972

091636 464.8 IN2
Rhizosphere microflora of Arachis hypogaea in relation to soil types. [Peanuts]. Baruah, C K *Indian Phytopathol* 25 (4): 497-503. Ref. Dec 1972

091637 TD172.E55
Developing a soil quality index. Rust, R H *Indic Environ Qual* 1: 243-247. 1971 (Pub. 1972)

091638 65.8 IN8
Some effects of a water table level on growth of sugarcane. Gosnell, J M *Int Sugar J* 75 (893): 135-139. May 1973

091639 S671.J62
Effect of soil moisture stress on yield & seasonal water requirement of wheat. Pandey, R N *J Agric Eng* 9 (3): 19-23. Ref. Sept 1972

091640 382 J82
A quantitative theory of action of microbes attached to a packed column: relevant to trickling filter effluent purification & to microbial action in soil. Pirt, S J *J Appl Chem Biotechnol* 23 (5): 389-400. Ref. May 1973

091641 410 J828
Carbon dioxide evolution from two temperate, deciduous woodland soils. Anderson, J M *J Appl Ecol* 10 (2): 361-378. Ref. Aug 1973

091642 410 J828
Litter fall in a new South Wales conifer forest: A multivariate comparison of plant nutrient element status & return in four species. [Pinus, Pseudotsuga]. Spain, A V *J Appl Ecol* 10 (2): 527-556. Aug 1973

091643 410 J828
A preliminary study of spatial patterns in accession of conifer litter fall. [Pinus, Pseudotsuga, forest soils]. Spain, A V *J Appl Ecol* 10 (2): 557-567. Aug 1973

091644 410 J828
Elements of a functional definition of oligotroph humus based on nitrogen nutrition of forest stands. Praag, H J van *J Appl Ecol* 10 (2): 569-583. Ref. Aug 1973

091645 448.3 J82
Microflora of soil as viewed by freeze-etching. Balkwill, D L *J Bacteriol* 114 (3): 1319-1327. Ref. June 1973

091646 QD605.J65
Assay of 89Sr [strontium] in plant & soil samples by liquid scintillation counting. Hardcastle, J E *J Radioanal Chem* 13 (1): 141-147. Jan 1973

091647 382 SO12
Total cations in size-fractions of some British & Malayan soils & their release to H (hydrogen?)-resins. Bolton, J *J Sci Food Agr* 24 (6): 727-738. Ref. June 1973

091648 56.8 J822
Water loss estimates from a fallow soil. Stone, L R *J Soil Water Conserv* 28 (3): 122-124. Ref. May/June 1973

091649 56.8 J822
Nitrare content of percolates from manured lysimeters. [Poultry manure application]. Bielby, D G *J Soil Water Conserv* 28 (3): 124-126. May/June 1973

091650 99.8 R47
Phosphorus forms in representative Japanese forest soils. (Jap) Kawada, H *Jap Forest Exp Sta Bull* 250: 1-34. Ref. Eng. Sum. Jan 1973

091651 99.8 R47
Sutdies on moisture status of forest soils. I. A proposition of a ceramic block apparatus for long-term soil moisture measurement in field & some results. (Jap) Yoshioka, J *Jap Forest Exp Sta Bull* 250: 35-52. Ref. Eng. Sum. Jan 1973

091652 66.9 J27 SUPPL.
A preliminary report on soil sterilization by microwave treatment. [Aphanomyces, Pythium, Polymyxa]. (Jap) Tanaka, Z *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 191-197. 1972

091653 S19.J3
Decomposition of pesticides by soil microorganisms. Special emphasis on flooded soil condition. Watanabe, I *JArq (j Agr Res Quart)* 7 (1): 15-18. Ref. 1973

091654 105.9 H89
Soil-analysis of field experimental plots, as an information of uniformity trial value. (Hun) Terts, I *Kiserletugyi Kozlemenyek* 64 (1/3): 3-11. Eng. Sum. 1971 (Pub. 1973)

091655 107.6 K832
Soil sturcture of plowed layer at paddy fields in direct-sowing rice culture under upland condition. (Jap) Dei, Y *Konosu Cent Agr Exp Sta J* 17: 135-148. Ref. Eng. Sum. Mar 1973

091656 100 L93 (1)
Coastal marshlands of Louisiana: chemical properties of soil materials. Brupbacher, R H *La Agr Exp Sta Bull* 672, 34 P., Map. Ref. Mar 1973

091657 18 L2353
Mobile suction unit for sampling soil water. (Ger) El Bassam, N *Landbauforsch Volkenrode* 22 (2): 159-161. Eng. Sum. Dec 1973

091658 105.2 OR3
Salination & leaching of a sand & a clay soil. (Dut) Ploegman, C *Landbouwkundig Tijdschr* 85 (4): 118-123. Ref. Eng. Sum. Apr 1973

091659 S7.L35
Soil classification for site evaluation of irrigation projects. (Ger) Jelinek, E *Landwirt Ausl* 7 (2): 26-30. Mar/Apr 1973

091660 18 L49
Soil building crop rotations. (Ger) Heinze, H *Lebendige Erde* 2: 44-46. Mar/Apr 1973

091661 99.8 L5632
Lower fungi in forest soils & their significance. (Slo) Skolek, J *Les (Bratislava)* 29 (K): 202-205. May 1973

091662 99.8 L569
Influence of mother rocks & their weathering on soil podsolization. (Slo) Bublinec, E *Lesn Cas* 19 (1): 91-98. Map. Ref. 1973

091663 99.9 C334
Effect of European beech on coniferous stand soils of Fagetum quercinum in Chriby Hills. [Fagus sylvatica]. (Cze) Prudic, Z *Lesnictvi* 19 (2): 131-137. Eng. Sum. Feb 1973

091664 99.9 C334
Effect of Scots pine stands in Zahorie area on soils & on usefulness of their biological amelioration by broadleaved tree species. [Pinus sylvestris]. (Cze) Bublinec, E *Lesnictvi* 19 (2): 139-146. Eng. Sum. Feb 1973

091665 99.9 C334
Effect of forest stands on soil temperature & total soil suction pressure dynamics in Beskydy Mountains. (Cze) Cabart, J *Lesnictvi* 19 (2): 147-156. Eng. Sum. Feb 1973

091666 99.9 C334
Contribution to knowledge of effect of forest tree species on humusforming processes from viewpoint of soil degradation & regradation. (Cze) Lhotsky, J *Lesnictvi* 19 (2): 157-182. Ref. Eng. Sum. Feb 1973

091667 99.9 C334
Composition & activity of microbial component in a floodland forest soil, southern Moravia. (Cze) Grunda, B *Lesnictvi* 19 (2): 173-186. Ref. Eng. Sum. Feb 1973

091668 99.9 C334
Soils of Orlicke Hory & their adjacent foothill areas, Czechoslovakia. (Cze) Pelisek, J *Lesnictvi* 19 (2): 97-130. Map. Eng. Sum. Feb 1973

091669 22 M262
Physico-chemical & biological characteristics of soil series of Coimbatore District. Mayalagu, K *Madras Agr J* 60 (3): 152-157. Mar 1973

091670 22 M262
Study of mineralogical composition of sand fractions from major groups of soils in South India & W. Bengal. Sarkar, A N *Madras Agr J* 60 (3): 158-163. Ref. Mar 1973

091671 22 M262
Effect of rainfall on physico-chemical properties of basaltic soils of Maharashtra State. [India]. Mohapatra, A R *Madras Agr J* 60 (3): 164-169. Ref. Mar 1973

091672 448.3 M582AE
Isolation & biochemical characteristics of DNA-containing ('nuclear') fraction of cells of Azotobacter vinelandii. Aseev, V V *Microbiology* 4 (6): 872-876. Ref. Nov/Dec 1972 (Transl 1973)

091673 107.6 T78
A study on movement of soil moisture by temperature gradient. (Jap) Shirai, K *Mie Univ Fac Agr Bull* 45: 85-97. Eng. Sum. Mar 1973

091674 107.6 T78
On influence of drying process on moisture holding characteristics of 'Kuroboku' soils. (Jap) Nagata, N *Mie Univ Fac Agr Bull* 45: 99-107. Eng. Sum. Mar 1973

091675 99.8 M662
Bulk density estimation based on organic matter content of some Minnesota soils. Drew, L A *Minn Forest Res Notes* 243, 4 P. Apr 15, 1973

091676 S19.M6
Inoculation of legumes in arid & simi-arid regions. Iswaran, V *Mod Agric* 3 (1): 11. Jan/Feb 1972

091677 41.9 R923
Problems of hygiene on cattle farms. (Rus) Komarov, N M *Moscow Vses Inst Eksp Vet Tr* 40: 406-417. 1972

091678 451 N622
Two records of Thielavia species from Thailand soil. Horie, Y *Mycol Soc Jap Trans* 14 (1): 47-51. Apr 10, 1973

091679 100 N465R
Soil associations & land classification for irrigation, Union County. Maker, H J *N Mex Agr Exp Sta Res Rep* 250, 36 P., Map. May 1973

091680 S95.E22
Depth to apparent water table in 17 New York soils from 1963 to 1970. Fritton, D D *N Y Food Life Sci Bull* 13, 39 P. Ref. Mar 1972

091681 12 N3892
Accumulation & distribution of mercury in Dutch soils. Poelstra, P *Neth J Agr Sci* 21 (1): 77-84. Ref. 1973

091682 464.8 T44
Preliminary study on effect of benomyl on fungal flora in a greenhouse soil. Kaastra-howeler, L H *Neth J Plant Pathol* 79 (4): 156-158. 1973

091683 290.9 AG8
Studies on subsoil improvement of poldered paddy fields in Kojima bay. III. On relation between soil structure & shrinkage behavior. (Jap) Nagahori, K *Nogyo Doboku Gakkai Trans* 43: 1-6. Ref. Eng. Sum. Jan 1973

091684 290.9 AG8
Engineering properties of cohesive soil from view point of strain-rate effect & moisture content. (Jap) Adachi, T *Nogyo Doboku Gakkai Trans* 43: 26-32. Eng. Sum. Jan 1973

091685 290.9 AG8
Studies on subsoil improvement of poldered paddy fields in Kojima Bay. IV. Model experiments for behavior of subsoil under vibratory load. [Tractors]. (Jap) Nagahori, K *Nogyo Doboku Gakkai Trans* 43: 7-11. Eng. Sum. Jan 1973

091686 290.8 N68
Soil physics. 4. Basic knowledge for agricultural engineers: water retention. (Jap) Yahata, B *Nogyodoboku-kenkyu* 41 (5): 47-52. May 1973

091687 99.9 N833
Properties, distribution & origin of white silt soils in Romerike, Norway. 11. Soil micromorphology using light & scanning microscope techniques. Rutherford, G K *Norway Skogforsoksv Medd* 30 (2): 169-184. Map. Ref. 1972

091688 GB651.O3
Analysis of factors responsible for dispersion of neutronic measures in a given soil & application to measure of variation of a water stock of soil. (Fre) Cardon, D *Off Rech Sci Tech Outre-Mer, Paris. Cah ORstom Ser Hydrol* 9 (4): 27-33. Eng. Sum. 1972

091689 56.8 P343
Biomass & body-surface area of populations of Enchytraeidae & lumbricidae (Oligochaeta) in Norwegian coniferous forest soils. Abrahamsen, G *Pedobiologia* 13 (1): 28-39. Ref. 1973

091690 SB951.P47
Some observations on microbial populations & nitrogen in soils infested with take-all fungus. [Ophiobolus graminis]. Pearson, V *Pestic Sci* 4 (3): 397-398. June 1973

091691 450 P696
Substrate freezing & thawing as a factor in mineral nutrient status of mire ecosystems. Summerfield, R J *Plant Soil* 38 (3): 557-566. June 1973

091692 450 P696
Lead uptake from soils by perennial ryegrass & its relation to supply of an essential element (sulphur). [Lolium, Great Britain]. Jones, L H P *Plant Soil* 38 (3): 605-619. Ref. June 1973

091693 450 P696
Soil inorganic polyphosphates of microbial origin. Ghonsikar, C P *Plant Soil* 38 (3): 651-655. June 1973

091694 450 P696
Degradation of chlorinated hydrocarbons by Clostridium sp. isolated from lindane-amended, flooded soil. Sethunathan, N *Plant Soil* 38 (3): 663-666. June 1973

091695 450 P696
Availability of Ca [calcium] from Ca45 S04 [calcium sulfate] in a highly saline-sodic soil. Poonia, S R *Plant Soil* 38 (3): 675-678. June 1973

091696 450 P696
Effect of farm yard manure on availability of ca [calcium] from ca45c03 [calcium carbonate] in a sodic soil (ESP77.7). Poonia, S R *Plant Soil* 38 (3): 679-682. June 1973

091697 57.8 P34
Elementary soil processes as a basis for genetic diagnosis of soils. (Rus) Gerasimov, I P *Pochvovedenie* 5: 102-113. May 1973

091698 57.8 P34
On principles of soil-profile & soil-genetical terminology. (Rus) Liverovskii, IU A *Pochvovedenie* 5: 114-121. Ref. Eng. Sum. May 1973

091699 57.8 P34
Effect of isomerism on rate of phenol transformation in a Chernozem soil. (Rus) Medvedev, V A *Pochvovedenie* 5: 122-127. Ref. Eng. Sum. May 1973

091700 57.8 P34
Problem of acid-alkaline properties of lysimetric waters in podzolic soils. (Rus) Ponomareva, V V *Pochvovedenie* 5: 128-134. Ref. Eng. Sum. May 1973

091701 57.8 P34
Solonetz soils of Dzhizak Steppes. (Rus) Pankova, E I *Pochvovedenie* 5: 15-25. Ref. Eng. Sum. May 1973

091702 57.8 P34
Humus content & cation exchange capacity of mechanical fractions in soils of western Kazakhstan. (Rus) Tiurmenko, A N *Pochvovedenie* 5: 26-33. Ref. Eng. Sum. May 1973

091703 57.8 P34
Brown forest soils of Belorussia. (Rus) Romanova, T A *Pochvovedenie* 5: 3-14. Ref. Eng. Sum. May 1973

091704 57.8 P34
Work of V. M. Klechkovskii & problem of migration of artificial radioactive nuclides in soils & plants. (Rus) Aleksakhin, R M *Pochvovedenie* 5: 34-37. Ref. May 1973

091705 57.8 P34
Mathematical modelling of radionuclide vertical migration in soils. (Rus) Prokhorov, V M *Pochvovedenie* 5: 59-66. Ref. Eng. Sum. May 1973

091706 57.8 P34
Role of self-overflowing wells of Terek-Kuma watershed in sodium carbonate salinization of lands. (Rus) Egorov, V V *Pochvovedenie* 5: 67-71. Ref. Eng. Sum. May 1973

091707 57.8 P34
Distribution, genesis, structure & properties of zeolites. (Rus) Gorbunov, N I *Pochvovedenie* 5: 93-101. Ref. Eng. Sum. May 1973

091708 S590.P62
Relationship between some elements content in soils of tropical & moderate zones. Dobrzanski, B *Pol J Soil Sci* 5 (1): 13-23. 1972

091709 S590.P62
Biological activity of soils strongly polluted with sulphur. Krol, M *Pol J Soil Sci* 5 (1): 25-33. 1972

091710 S590.P62
Distribution of some forms of phosphorus in profiles of different soil types. part i. podzolic soils from Legnica District. Boratynski, K *Pol J Soil Sci* 5 (1): 3-12. Ref. 1972

091711 S590.P62
Properties of Azotabacter bacteriophages. Kaszubiak, H *Pol J Soil Sci* 5 (1): 35-43. Ref. 1972

091712 S590.P62
Nitrogen nutrition of some soil bacteria. Golebiowska, J *Pol J Soil Sci* 5 (1): 45-51. 1972

091713 S590.P62
Degradation of indoleacetic acid (IAA) in soil enriched with organic substances. Kampert, M *Pol J Soil Sci* 5 (1): 53-57. Ref. 1972

091714 S590.P62
Influence of carbon on production of slime material by some Azotobacter strains. Dabek-Szreniawska, M *Pol J Soil Sci* 5 (1): 59-67. Ref. 1972

091715 S590.P62
Effect of organic enrichment on generic composition & on incidence of nutritional groups in soil bacteria. Strzelczyk, E *Pol J Soil Sci* 5 (1): 69-76. Ref. 1972

091716 S590.P62
Influence of light soil fertilization with bentonite on growth of cellulolytic fungi. Szember, A *Pol J Soil Sci* 5 (1): 77-83. Ref. 1972

091717 S590.P62
Influence of soil fertilization with bentonite on growth of fungi utilizing organic nitrogen. Szember, A *Pol J Soil Sci* 5 (1): 85-91. Ref. 1972

091718 19.5 P752
On some agroecological problems on effect of inoculation of soybean on yield of seed in conditions of soddy alluvial soils. (Slo) Kocur, J *Pol'nohospodarstvo* 19 (2): 10-112. Ref. Eng. Sum. 1973

091719 19.5 P752
A study of unexchangeably bound copper to Cu-montmorillonite. II. (Slo) Polacek, S *Pol'nohospodarstvo* 19 (3): 177-183. Ref. Eng. Sum. 1973

091720 S15.R42
Calcium fractionation in volcanic soils of highlands of Ipiales, Colombia. (Spa) Parra C, A *Rev Cienc Agric* 4 (1): 13-21. Eng. Sum. Jan/June 1972

091721 S15.R42
Exchangeable Al, B, Cu, Co, Fe, Mn & Zn in volcanic soils of Savana of Tuquerres, Narino, Colombia. [Aluminum, boron, copper, cobalt, iron, manganese, zinc]. (Spa) Chamorro M, B *Rev Cienc Agric* 4 (1): 23-39. Ref. Eng. Sum. Jan/-June 1972

091722 S15.R42
Nitrogen fractionation in volcanic soils of highlands of Ipiales, Narino, Colombia. (Spa) Hebal Benavides, F *Rev Cienc Agric* 4 (1): 41-53. Ref. Eng. Sum. Jan/June 1972

091723 S15.R42
Calcium in volcanic soils of highlands of Pasto, Colombia. (Spa) Gabdan, J *Rev Cienc Agric* 4 (1): 5-12. Ref. Eng. Sum. Jan/June 1972

091724 S15.R42
Evaluation of methods to determine available – P [Phosphorus] in volcanic soils of Andean Zone of Narino, Colombia. (Spa) Gaviria O, J *Rev Cienc Agric* 4 (1): 55-64 ref. Eng. Sum. Jan/-June 1972

091725 20.5 R59 SER. A
Water & air conditions in particular soil aggregate fractions & their mixtures, originating from arable layer of black soil. (Pol) Trzecki, S *Rocz Nauk Roln Ser A Rosl* 98 (2): 121-130. Eng. Sum. 1973

091726 20.5 R59 SER. A
Effect of mechanical crushing grinding of sandy soil on changes of some of its properties & crop yield in conditions of pot experiments. [Millet, maize]. (Pol) Gonet, Z *Rocz Nauk Roln Ser A Rosl* 98 (2): 131-147. Eng. Sum. 1973

091727 20.5 R59 SER. A
Investigation of direct gymetomelane effect on respiration of germinating wheat seeds. I. Purification method of humus substances from accessory mineral compounds. (Pol) Mielnik, A *Rocz Nauk Roln Ser A Rosl* 98 (2): 17-20. Ref. Eng. Sum. 1973

091728 64.9 C33
Content of skeleton of soils of Czech Socialist Republic & its planary illustration. (Cze) Facek, Z *Rostlinna Vyroba* 19 (2): 113-117. Eng. Sum. Feb 1973

091729 64.9 C33
Calculation of nitrification on basis of its relation to pF [soil moisture]. (Cze) Seifert, J *Rostlinna Vyroba* 19 (2): 159-163. Eng. Sum. Feb 1973

091730 64.9 C33
Some findings in Rhizobium japonicum serotypization. (Cze) Skrdleta, V *Rostlinna Vyroba* 19 (2): 199-206. Ref. Eng. Sum. Feb 1973

091731 64.9 C33
On study of cellulase complex in soils. (Cze) Ambroz, Z *Rostlinna Vyroba* 19 (2): 207-212. Eng. Sum. Feb 1973

091732 103 R74GA
Soil survey of England & Wales. Clare, K E *Rothamsted Exp Sta Rep* 1: 293-322. Map. Ref. 1973

091733 103 R74GA
Changes in nutrient reserves of Rothamsted & Woburn Reference experiment soils. Williams, R J B *Rothamsted Exp Sta Rep* 2: 86-101. Ref. 1972 (Pub. 1973)

091734 99.9 SA7B
Land capability classification for forestry in Saskatchewan. Kabzems, A *Saskatchewan Forest Br Tech Bull* 6, 57 P. Map. Ref. Mar 1972

091735 S544.3.N4S5
How are soil surveys made? Swader, F N *Schoharie Cty Coop Ext News* 58 (8): 18. June 1973

091736 S13.S55
Effect of nondrainage leaching operations on salt composition of soils. [Soil fertility]. (Rus) Panin, P S *Sib Vestn S-kh Nauk* 2: 39-44. Ref. Mar/Apr 1973

091737 S13.S55
Some methods for improving heat regime of peat soils of Baraba. (Rus) Pozdniakov, A I *Sib Vestn S-kh Nauk* 2: 44-50. Ref. Mar/Apr 1973

091738 S592.7.A1S6
Ecology of viruses attacking Bacillus stearothermophilus in soil. Reanney, D C *Soil Biol & Biochem* 5 (4): 399-408. Ref. July 1973

091739 S592.7.A1S6
Comparative effects of propylene oxide, sodium azide, & autoclaving on selected soil properties. Skipper, H D *Soil Biol & Biochem* 5 (4): 409-414. Ref. July 1973

091740 S592.7.A1S6
Mycoflora of Eucalyptus maculata leaf litter. [Forest soils]. Eicker, A *Soil Biol & Biochem* 5 (4): 441-448. Ref. July 1973

091741 S592.7.A1S6
Ecological studies on coccoid bacteria in a pine forest soil. II. Growth of bacteria introduced into soil. Lowe, W E *Soil Biol & Biochem* 5 (4): 449-462. Ref. July 1973

091742 S592.7.A1S6
Ecological studies on coccoid bacteria in a forest soil. III. Competitive interactions between bacterial strains in soil. Lowe, W E *Soil Biol & Biochem* 5 (4): 463-472. Ref. July 1973

091743 S592.7.A1S6
Influence of rhizosphere microflora on availability of 32-p-myoinositol hexaphosphate phosphorus to wheat. Martin, J K *Soil Biol & Biochem* 5 (4): 473-483. Ref. July 1973

091744 1.6 SO3S
From ground up. [Soil surveys]. Warren, G *Soil Conserv* 38 (10): 230, 223. May 1973

091745 56.8 SO3
Steady upward & downward flows in a class of unsaturated soils. Raats, P A C *Soil Sci* 115 (6): 409-413. Ref. June 1973

091746 56.8 SO3
Effect of gypsum treatment on swelling of natural clods of a clay soil. Bridge, B J *Soil Sci* 115 (6): 414-419. Ref. June 1973

091747 56.8 SO3
Field studies on salt leaching in a highly saline sodic soil. Abrol, I P *Soil Sci* 115 (6): 429-433. June 1973

091748 56.8 SO3
Redox properties & determination of normal potential of peat-water system. Szilagyi, M *Soil Sci* 115 (6): 434-437. June 1973

091749 56.8 SO3
Soil test parameters for assessing plant-available phosphorus of acid organic soils. Daughtrey, Z W *Soil Sci* 115 (6): 438-446. Ref. June 1973

091750 56.8 SO3
Effect of crop residues on growth of turnips & their recovery of sulfur from soils. Nelson, L E *Soil Sci* 115 (6): 447-454. Ref. June 1973

091751 56.8 SO3
Uptake of lead by alfalfa & corn from soil & air. Lagerwerff, J V *Soil Sci* 115 (6): 455-460. Ref. June 1973

091752 56.8 SO3
Ionic migration & weathering in frozen antarctic soils. Ugolina, F C *Soil Sci* 115 (6): 461-470. Map. Ref. June 1973

091753 S599.4.G7A322
Breckland forest soils. Corbett, W M *Soil Surv Spec Surv* 7,, 120 P. Maps. 1973

091754 99.8 SU6
An investigation of productivity of heather & bracken soils under young cultures of scots pine (Pinus sylvestris L.) in region of forest enterprise Karlovac. (Cro) Mayer, B *Sumarski List* 97 (1/2): 22-38. Ref. Eng. Sum. Jan/Feb 1973

091755 385 SU7
Determination of selenium in rocks, soils, & plants. Koljonen, T *Suomen Kem* 46 (5/6): 133-138. Ref. 1973

091756 9.6 SU7
Influence of mechanical clearing of forest on some physical & chemical soil properties. Weert, R van der *Surinaamse Landbouw* 20 (3): 2-14. 1972

091757 99.8 SY52
Ecological network of soils & plant associations of Great Poland National Park. (Pol) Borowiec, S *Sylwan* 117 (3): 57-65. Eng. Sum. Mar 1973

091758 S631.A82
Description & classification of soils of Japan. Kawaguchi, K *Tech Bull ASPAC Food Fert Technol Cent (asian Pac Counc)* No 15 (Pt 6): 1a-54, Maps. Ref. Apr 1973

091759 56.9 SI1
Soils & land forms of Thailand. Scholten, J J *Thailand Min Nat Develop Soil Surv Rep* 97, 36 P. Maps. Ref. 1973

091760 11 T439
Persistence of fungicide benomyl in different soil types. 1. Stability & biological breakdown. (Dan) Helweg, A *Tidsskr Planteavl* 77 (2): 232-243. Ref. Eng. Sum. 1973

091761 286.89 T552
Soil moisture studies using barriers in sandy loam under tobacco. Roo, H C De *Tobacco (new York)* 175 (13): 67-68, 70, 72, 74. Ref. June 22, 1973

091762 56.9 C432
Thermodynamics of soil water. (Jap) Iwata, S *Tokyo Nat Inst Agr Sci Bull Ser B (soils & Fert)* 24: 101-126. Ref. Eng. Sum. Mar 1973

091763 56.9 C432
Studies on humus of volcanic ash soils: regional differences of humus composition in volcanic ash soils in Japan. (Jap) Adachi, T *Tokyo Nat Inst Agr Sci Bull Ser B (soils & Fert)* 24: 127-264. Ref. Eng. Sum. Mar 1973

091764 56.9 C432
Soils of Ishigaki, Muyako & Yonaguni Islands. [Survey]. (Jap) Yamada, Y *Tokyo Nat Inst Agr Sci Bull Ser B (soils & Fert)* 24: 265-365. Maps. Ref. Eng. Sum. Mar 1973

091765 56.9 C432
Soils of Minamidaito, Kitadaito, Ie, Irabu, Shimoji & Tarama Islands, Okinawa Prefecture. [Survey, arable land]. (Jap) Abe, K *Tokyo Nat Inst Agr Sci Bull Ser B (soils & Fert)* 24: 367-430. Map. Ref. Eng. Sum. Mar 1973

091766 56.9 C432
Study on nitrification inhibitors. 2; injurious effects of nitrification inhibitors on some crops. [Wheat, cucumber, radish]. (Jap) Sampei, M *Tokyo Nat Inst Agr Sci Bull Ser B (soils & Fert)* 24: 53-99. Ref. Eng. Sum. Mar 1973

091767 SB197.A1T7
Soils & landscapes of mulga lands with special reference to south western Queensland. [Accacia aneura]. Dawson, N M *Trop Grasslands* 7 (1): 23-34. Ref. Mar 1973

091768 A99.9 F764UN
Soil water distribution on a contour-trenched area. Doty, R D *U S Forest Serv Res Note Int* 163, 6 P., Map. Aug 1972

091769 A99.9 F7622UN
Nature & properties of some forest soils in White Mountains of New Hampshire. Hoyle, M C *U S Forest Serv Res Pap NE* 260, 18 P., Map. 1973

091770 442.8 UZ1
Murogenella syrdarjanica Sagd. Et Isanb., new species from soil of genus Murogenella Goos et Morris. [Fungi, soil microorganisms]. (Rus) Sagdullaeva, M Sh *Uz Biol Zhur* 1: 55-56. 1973

091771 80 V662
Some developments in subsoil improvement. Bakker, A C *Victorian Hort Dig* 17 (1): 7-9. 1973

091772 20 AK1
Isolating soil microorganisms of mobilizing organic phosphorus compounds. (Rus) Muromtsev, G S *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 5: 9-11. May 1973

091773 105.2 V61V
Nitrogen fixation in phyllosphere of Gramineae. Bessems, E P M *Wageningen Cent Landouwpubl Landbou Verslag Landbouwkund Ore* 786, 68 P. Ref. 1973

091774 S605.A1Z4
On genesis conditions, habitat evaluations & on improvement of soils originating from organic & from mineral matter in riverside landscapes of Southwest German Quaternary. (Ger) Gottlich, K *Z Kulturtech Flurbereinig* 14 (3): 144-151. Eng. Sum. May/June 1973

091775 S605.A1Z4
Chemical composition & possibility of improvment of bog & karst areas in Yugoslavia. (Ger) Kurtovic, J *Z Kulturtech Flurbereinig* 14 (3): 152-159. Ref. Eng. Sum. May/June 1973

091776 448.3 C33 (3)
A simple medium for quick growth of Rhizobium japonicum. Iswaran, V *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 128 (1/): 23-24. Ref. 1973

091777 448.3 C33 (3)
Studies in Actinomycetes in Egyptian Soils. I. distribution of actinomycetes. Zayed, M N *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 128 (1/2): 101-109. Ref. 1973

091778 448.3 C33 (3)
Studies in Actinomycetes in Egyptian soils. II. occurrence of antibiotic-producing actinomycetes. Taha, S M *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 128 (1/2): 110-115. Ref. 1973

091779 448.3 C33 (3)
Nitrogen transformations in soils. I. In sandy soil under barley & peanut in a two years' rotation. Zayed, M N *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 128 (1/2): 116-125. Ref. 1973

091780 448.3 C33 (3)
Nitrogen transformation in soils. II. In sandy soil under horse-bean & sesame in a two years' rotation. Tahn, S M *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 128 (1/2): 126-134. Ref. 1973

091781 448.3 C33 (3)
Density of Azotobacter in root-free soils & in rhizosphere of several plants in arid & semi-arid Libyan regions. Makawi, A A M *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 128 (1/2): 135-139. Ref. 1973

091782 448.3 C33 (3)
Interrelation between cellulase activity & humus content in steppe soils of south-East Zabailalye. Kislitsina, V P *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 128 (1/2): 140-143. 1973

091783 448.3 C33 (3)
Enzymic activity & humus content in eastern Siberian soils. Kozlov, K *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 128 (1/2): 144-148. Ref. 1973

091784 448.3 C33 (3)
Studies on humification of organic matter in a red Rakar soil. Gaur, A C *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 128 (1/2): 149-161. Ref. 1973

091785 448.3 C33 (3)
Studies in humic acids decomposing bacteria in soil. I. Selection of a method for separation of humic acids. Zayed, M N *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 128 (1/2): 162-167. Ref. 1973

091786 448.3 C33 (3)
Studies in humic acids decomposing bacteria in soil. II. Isolation & identification of micro-organisms. Taha, S M *Zentralb Bakteriol Parasitenk Infektionskr Hyg Abt 2 Naturw* 128 (1/2): 168-172. Ref. 1973

SOIL IMPROVEMENT MATERIALS

091787 S13.A2
On question of preceding crops & manuring of seed stands of alfalfa (Medicago sativa L.). (Slo) Pacuta, M *Acta Fytotechnica* 25: 119-129. Ref. Eng. Sum. 1972

091788 S13.A2
Effect of manuring & different density of stand on production of total dry-matter & its distribution in plant organism. [Sunflower]. Kostrej, A *Acta Fytotechnica* 25: 47-59. Ref. 1972

091789 S13.A2
Investigation into effect of different nutrient level, manner & time of their application on grain maize crop at two-year growing. (Slo) Belej, J *Acta Fytotechnica* 26: 105-118. Ref. Eng. Sum. 1972

091790 S13.A2
Investigation into stock manuring on a permanent meadow in a valley position. (Slo) Holubek, R *Acta Fytotechnica* 26: 65-76. Eng. Sum. 1972

091791 22.5 N682
Production techniques on garden plants. 9. Fertilization. (Jap) Tsurushima, H *Agric Hortic* 48 (5): 122-126. May 1973

091792 22.5 N682
Application limit of poultry manure for paddy rice. (Jap) Nakanishi, A *Agric Hortic* 48 (5): 46-48. May 1973

091793 22 AG823
Studies in multiple cropping – a note on correlation between nitrogen & carbon in soil & rice yield. Sadanandan, N *Agric Res J Kerala* 9 (2): 40-43. Sept 1971 (Pub. Feb 1973)

091794 22 AG823
Studies on influence of liming on growth & yield of rice in an acid peat soil (kari soil) of Kerala. Sukumaran, K M *Agric Res J Kerala* 9 (2): 44-47. Sept 1971 (Pub. Feb 1973)

091795 22 AG823
Effect of phosphorus & molybdenum on growth & nodulation of groundnut. Muralidharan, A *Agric Res J Kerala* 9 (2): 48-53. Ref. Sept 1971 (Pub. Feb 1973)

091796 22 AG823
Studies on fertility status of soils of Alleppey District, Kerala State. Nambiar, E P *Agric Res J Kerala* 9 (2): 54-57. Map. Sept 1971 (Pub. Feb 1973)

091797 22 AG823
The effect of different levels of phosphorus on the yield of rice variety 'Rohini' in Vellayani. [India]. Sasidhar, V K *Agric Res J Kerala* 9 (2): 92-93. Sept 1971 (Pub. Feb 1973)

091798 22 AG823
Organic phosphorus in relation to organic carbon & nitrogen contents of some Kerala soil types. Koshy, M M *Agric Res J Kerala* 9 (2): 94-95. Sept 1971 (Pub. Feb 1973)

091799 13 G28
Considerations on fertility of soils & fertilization of crops in Tunisia. (Fre) Coursier, C *Ann Gembloux* 78 (3): 145-166. 1972

091800 S7.A755
Studies on effectiveness of progressively increased mineral fertilization in combination with different kinds of organic manuring. [Grain, potatoes, beets, East Ge (Ger) Ansorge, H *Arch Acker Pflanz Bodenkd* 17 (1): 17-28. Ref. Eng. Sum. 1973

091801 S7.A755
Influence of site on possbilities of periodic phosphorus-potassium fertilization. [East Germany]. (Ger) Wicke, H J *Arch Acker Pflanz Bodenkd* 17 (1): 45-53. Eng. Sum. 1973

091802 S7.A755
Problems related to regional distribution of fertilizers in German Democratic Republic. (Ger) Hagemann, O *Arch Acker Pflanz Bodenkd* 17 (2): 121-131. Ref. Eng. Sum. 1973

091803 S7.A755
Effect & residual effect of long-term magnesium fertilization & liming as well as their interactions with form of fertilizer nitrogen on loamy-sandy soil. (Ger) Gorlitz, H *Arch Acker Pflanz Bodenkd* 17 (3): 203-216. Ref. Eng. Sum. 1973

091804 S7.A755
Effects of varying time spacing & depth of injection of anhydrous ammonia on yield & nutrient extraction of selected plants. (Ger) Kampfe, K *Arch Acker Pflanz Bodenkd* 17 (3): 217-222. Eng. Sum. 1973

091805 80 AR2
On decomposition of urea formaldehyde resin foam used as a soil conditioner. (Ger) Geyer, B *Arch Gartenbau* 21 (3): 223-233. Ref. Eng. Sum. 1973

091806 449.8 AR2
Fate of polycyclic aromatic hydrocarbons in experiments using sweage sludge-garbage composts as fertilizers. (Ger) Borneff, J *Arch Hyg Bakteriol* 157 (2/3): 154-164. Ref. Eng. Sum. 1973

091807 100 AR42R
Response of orchardgrass to broiler litter & commercial fertilizer. [Dactylis golmerata]. Hileman, L H *Ark Agr Exp Sta Rep Ser* 207, 18 P. Ref. Apr 1973

091808 381 AS7
New collaborative study of a zincon ion exchange method for quantitative determination of zinc in fertilizer. Pracht, L E *Ass Offic Anal Chem J* 56 (4): 846-852. July 1973

091809 381 AS7
Collaborative study of determination of water-insoluble nitrogen in fertilizers. Katz, S E *Ass Offic Anal Chem J* 56 (4): 853-858. Ref. July 1973

091810 381 AS7
Collaborative study of flame photometric method for sodium in fertilizers. Corominas, L F *Ass Offic Anal Chem J* 56 (4): 859-861. July 1973

091811 381 AS7
Nitrogen in feed & fertilizer. Rexroad, P R *Ass Offic Anal Chem J* 56 (4): 862-863. July 1973

091812 16 AV9
Second application of fertilizers to fields & crops. (Ita) Fischetti, B *Avvenire Agr* 81 (3): 62-67. Mar 1973

091813 287 B866
Response of Helianthus annuus to fertilizers application. (Spa) Saumell, H G *Bolsa Cereales Rev Inst* 100 (2857): 20-22, 24. Oct 1972

091814 14 P215BC
Influence of different sulfur fertilizers on annual cycles of sulfur & nitrogen in soil. (Fre) Simon-Sylvestre, G *C R Seances Acad Agric Fr* 58 (18): 1502-1512. Dec 20, 1972

091815 450 C16
Effects of nitrogen, phosphorus, & potassium on rutabaga yields. Cutcliffe, J A *Can J Plant Sci* 53 (2): 357-361. Ref. Apr 1973

091816 56.8 C162
Yield response of conquest barley as affected by nitrogen fertilizer & soil tests for ammoniumand nitrate-nitrogen. Nuttall, W F *Can J Soil Sci* 53 (2): 163-168. Ref. May 1973

091817 56.8 C162
Effects of nitrogen, phosphorus, potassium, & manure factorially applied to potatoes in a long-term study. [Fertilizers]. Black, W N *Can J Soil Sci* 53 (2): 205-211. Ref. May 1973

091818 302.9 EN8
Potassium fertilisation trials of poplar nurseries. (Ita) Giulimondi, G *Cell Carta* 24 (2): 42-45. Eng. Sum. Feb 1973

091819 382 M31C
Slow releasing nitrogen fertiliser from waste product, lignin sulphonates. Flaig, W *Chem Indus (london)* 12: 553-554. June 16, 1973

091820 384 C4283
Importance of trace elements to further intensification of agricultural production. [Fertilizers, animal nutrition]. (Ger) Bergmann, W *Chem Tech (berlin)* 25 (7): 391-397. Map. July 1973

091821 384 C4283
Development trends in production of chloride-free single & multiple-nutrient fertilizers. (Ger) Rzehaczek, F *Chem Tech (berlin)* 25 (7): 398-401. Ref. July 1973

091822 384 C4283
Development trends in field of nitrogen fertilizers. (Ger) Crahmer, R *Chem Tech (berlin)* 25 (7): 401-405. Ref. July 1973

091823 384 C4283
Development of technology & production of potash fertilizers. (Ger) Muhlberg, H *Chem Tech (berlin)* 25 (7): 406-409. July 1973

091824 384 C4283
Process for manufacturing granulated phosphorus & potash fertilizers. (Ger) Heiseler, G *Chem Tech (berlin)* 25 (7): 410-414. Ref. July 1973

091825 384 C4283
Determination of ammonium nitrogen in addition to amide nitrogen in nitrogen, phosphorus & potash fertilizers. (Ger) Niendorf, K *Chem Tech (berlin)* 25 (7): 418-420. Ref. July 1973

091826 383 C42
Banding nitrogen fertilizers in soil: principles & practice. Wetselaar, R *Chim Indus – genie Chim* 106 (9): 567-572. Apr 1973

091827 383 C42
Contribution of mineral fertilizers to agricultural production. (Fre) Garaudeaux, J *Chim Indus – genie Chim* 106 (9): 583-594. Ref. Eng. Sum. Apr 1973

091828 57.8 C734
Controlling environmental parameters for optimum composting. Jeris, J S *Compost Sci* 14 (3): 16-22. May/June 1973

091829 57.8 C734
Rates of cellulose decomposition during composting of leaves combined with several municipal & industrial wastes & other additives. Poincelot, R P *Compost Sci* 14 (3): 23-25. Ref. May/June 1973

091830 57.8 C734
Evaluation of municipal compost for strip mine reclamation. Scanlon, D H *Compost Sci* 14 (3): 4-8. May/June 1973

091831 57.8 C734
Fertilizers, crop quality, & nutrients in wastes. Goldstein, J *Compost Sci* 14 (3): 9-11. May/June 1973

091832 15 C89
Can manure mineralize soils? [Grape vineyards]. (Spa) Espinosa, J P S y L de *Cult Mod* 56 (5): 29-30. May 1973

091833 24 EA74
Effect of nitrogen, phosphorus & copper on grain yield of wheat on a copper deficient soil. Wapakala, W W *East Afr Agr Forest J* 38 (3): 229-240. Ref. Jan 1973

091834 24 EA74
Fertilizer experiments on small cotton farms in Kenya 19681971. Tveitnes, S *East Afr Agr Forest J* 38 (3): 282-297. Ref. Jan 1973

091835 24 EA74
Fertilizer recommendations for cereals grown on soils derive d from volcanic rocks in Uganda. Foster, H L *East Afr Agr Forest J* 38 (3): 303-313. Jan 1973

091836 99.9 EH3
Studies on fertilization for SUGI (Cryptomeria japonica) forest. I. Effect of fertilization on growth of trees planted on unsuitable site. (Jap) Nakajima, Y *Ehime Univ Coll Agr Forest Bull* 10: 71-78. Mar 1973

091837 SB931.A1E5
Effect of certain fertilizers on metabolism of Di-syston in clay soil. El-Rafie, M S *Entomol Soc Egypt Bull Econ Ser* 6: 83-91. 1972

091838 99.8 ER22
Fertilization of forests as reflected in conference of Council for Mutual Economic Assistance at Warsaw. (Hun) Szodfridt, I *Erdo* 22 (5): 232-235. May 1973

091839 105.8 G36E
Use of garbage slag for agricultural purposes [Fertilizing]. (Ger) Judel, G K *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 130-136. 1972

091840 105.8 G36E
General problems of waste utilization. [Fertilization]. (Ger) Homrighausen, E *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 298-306. 1972

091841 105.8 G36E
Utilization of refuse compost & sewage sludge in agriculture. [Fertilization]. (Ger) Mach, R *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 314-334. Map. Ref. 1972

091842 105.8 G36E
Toxic ingredients of technically processed compost, refuse & sewage sludge. (Ger) Siddiqi, I *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 450-454. 1972

091843 105.8 G36E
Developments in application of plant protection materials & growth substances as well as in foliar fertilizing. (Ger) Behlen, W *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 67-75. Ref. 1972

091844 S9.E9
Use of humic acids in culture of sugar beets. (Ita) Speyer, H *Evoluzione Agric* 18 (210): 53-54. Apr 1973

091845 10 EX72
Effects of N[nitrogen] & K[potassium] fertilizers on Cynodon IB.8 & on soil K in southern Nigeria. Chheda, H R *Exp Agr* 9 (3): 249-255. Ref. July 1973

091846 10 EX72
Application, absorption & translocation of boron in oil palm. III. Leaf analysis for diagnosing boron requirements. Rajaratnam, J A *Exp Agr* 9 (3): 257-262. July 1973

091847 HD9016.I4F3
Placement of fertilizers: Solid. Rethinam, P *Farm Fact* 7 (5): 25-27. Mar 1973

091848 HD9016.I4F3
Chelates & their utility in agriculture. Solomon, I B *Farm Fact* 7 (6): 11. Apr 1973

091849 HD9016.I4F3
Positive response of redgram to bacterial fertilisation. [Pigeonpeas]. Rajagopalan, C K *Farm Fact* 7 (6): 12. Apr 1973

091850 HD9016.I4F3
Manuring of chillies in India, rainfed crop. [Capsicum]. Iruthayaraj, M R *Farm Fact* 7 (6): 15-21. Ref. Apr 1973

091851 HD9016.I4F3
Role of organic matter in green revolution. Subbiah, S *Farm Fact* 7 (6): 3-5. Apr 1973

091852 HD9016.I4F3
Know your common nitrogen phosphorus potassium fertilisers, their characters & effect on soils. Hayachandran, V *Farm Fact* 7 (6): 8-10. Apr 1973

091853 22 F223
Saline lands can yield rich crops. [Soil fertility]. Rao, P V *Farm J (calcutta)* 14 (3): 13-14. Jan 1973

091854 22 F223
Application of phosphorus to cowpeas for higher yields. Singh, S *Farm J (calcutta)* 14 (3): 26-28. Jan 1973

091855 S19.F37
Common fertilizers & their characteristics. Bagga, R K *Farmer Parliament* 8 (1): 17-18, 29-30. Jan 1973

091856 18 W763
Aspects of job safety & working conditions in treatment & application of semi-liquid manure. (Ger) Wedekind, P *Feldwirtschaft* 14 (5): 226-229. May 1973

091857 18 W763
Cooperative farm of Vippachedelhausen gains experience in utilising semi-liquid manure. (Ger) Breitschuh, G *Feldwirtschaft* 14 (6): 261-263. June 1973

091858 18 W763
Combined mobile application of semi-liquid manure & clear-water sprinkling by cooperative farm 'Albrecht Thaer', Lossnitz. (Ger) Bretschneider, F *Feldwirtschaft* 14 (6): 263-266. June 1973

091859 57.8 F4123
Credit for fertiliser distribution. Nair, S P *Fert News* 18 (4): 11-14. Apr 1973

091860 57.8 F4123
Capacity utilization in FCI [Fertilizer Corporation of India] a measurement of performance efficiency. Mukherjee, S K *Fert News* 18 (4): 15-18. Apr 1973

091861 57.8 F4123
Fertiliser scene in Soviet Union. Barooah, S R *Fert News* 18 (4): 25-27, 35. Apr 1973

091862 57.8 F4123
Fertiliser use in drylands of Western Rajasthan. [India]. Singh, R P *Fert News* 18 (4): 31-35. Apr 1973

091863 57.8 F4123
Yield & quality of maize germplasms-nitrogen effect in Tarai. Choudary, P N *Fert News* 18 (4): 55-56. Apr 1973

091864 57.8 F4123
Fertiliser response of wheat, gram & horse-gram under rainfed conditions. Mahapatra, I C *Fert News* 18 (4): 57-63. Apr 1973

091865 57.8 F4123
Review of fertiliser industry. [India]. Sreenivasan, N K *Fert News* 18 (5): 27-34. May 1973

091866 57.8 F4123
Assessment of fertiliser requirements for maize & wheat in farmers' fields. Tiwari, K N *Fert News* 18 (5): 37-40, 50. May 1973

091867 57.8 F4123
Performance of a few sorghum cultivators under varying levels of nitrogen fertilisation. Chandravanshi, B R *Fert News* 18 (5): 41-42. May 1973

091868 57.8 F4123
Nitrogen & phosphorus needs of cauliflower. Tomar, N K *Fert News* 18 (5): 48-50. May 1973

091869 57.8 F4123
Effect of soil & foliar application of nitrogen on yield of sweet potato. Shanmugavelu, K G *Fert News* 18 (5): 51-52. May 1973

091870 57.8 F4123
Estimates of consumption of fertilisers by districts – fifth Five Year Plan period. [India]. *Fert News* 18 (5): 56-85. May 1973

091871 S631.F44
Growth product of 70's: Liquid mixed fertilizers. Rittenhouse, P A *Fert Prog* 4 (3): 20-22. May/June 1973

091872 S631.F44
Bright future of feed & weed. [Fertilizers, herbicides]. Johnson, D *Fert Prog* 4 (3): 24-26, 28. May/June 1973

091873 S631.F44
Fluid fertilizer mixtures 1972. Achorn, F P *Fert Prog* 4 (3): 31-32, 34, 36. May/-June 1973

091874 S631.F44
Fertilizers: booming world commodity. White, W C *Fert Prog* 4 (3): 7-8, 9, 11, 50. May/June 1973

091875 SB13.C58
Loss of nitrogen from plant residues on soil surface. Watson, E R *Field Sta Rec* 11 (1/2): 5-10. 1972

091876 S19.F63
Need for fertilizer & crop development programme in some dry land tracts of Mysore State. [India]. Rajan, S V G *Food Farming Agric* 5 (1): 3-8. July 1972

091877 S19.F63
Studies on fffect of varying levels of nitrogen & time of sowing on yield of linseed. Singh, P P *Food Farming Agric* 5 (2): 12-13. Aug 1972

091878 S19.F63
Response of triple gene dwarf wheat to nitrogen. Agrawal, J P *Food Farming Agric* 5 (2): 17-18. Aug 1972

091879 19 F75
Effect of fertilization on quality of grassland forage. (Ger) Gruber, P *Forderungsdienst* 21 (3): 85-91. Mar 1973

091880 19 F75
Variable yield performance of soil & fertilizer nutrients effect total yield of grassland. (Ger) Kosmat, H *Forderungsdienst* 21 (3): 91-95. Mar 1973

091881 99.8 F7632
Bedding & fertilization influence on slash pine development in Florida Sandhills. [Pinus elliotii]. Baker, J B *Forest Sci* 19 (2): 134-138. June 1973

091882 14 F844B
Example of development of soil maintenance techniques in fruit culture, [Apples, pears, fertilizers]. (Fre) Gagnard, J *France Min Agr Bull Tech Inform* 278 (Special No.): 267-276. Mar/Apr 1973

091883 QL461.G4
Effect of crop fertilizer on feeding of larvae of fall armyworm on excised leaf sections of corn foliage. [Spodoptera frugiperda]. Wiseman, B R *Ga Entomol Soc J* 8 (2): 136-141. Apr 1973

091884 80 G1948
Liquid mulching with bitumen emulsion – a measure to intensify field vegetable production. (Ger) Vogel, F *Gartenbau* 20 (5): 130-132. May 1973

091885 80 G1948
Using standardized substratums to raise plants for beds & balconies. (Ger) Burwieck, J *Gartenbau* 20 (5): 148-149. May 1973

091886 80 G1938
Fertilizer trials with cabbage following carrots. (Nor) Roll-Hansen, J *Gartneryrket* 63 (19): 387-388, 390. May 11, 1973

091887 105.1 G344
Response of different soil conditioners to soils. Gabriels, D *Ghent Rijksfac Landbouwetensch Meded* 37 (3): 1014-1034. 1972

091888 105.1 G344
Role of joint FAO/IAEA [Food & Agriculture Organization of United Nations, International Atomic Energy Agency] Division of Atomic Energy in Food & Agriculture in improving water & fertilizer use efficiency. Barpada, Y *Ghent Rijksfac Landbouwetensch Meded* 37 (3): 1035-1045. Ref. 1972

091889 105.1 G344
Use of synthetic soil conditioners in 1950's & some implications to their further development. Gardner, W H *Ghent Rijksfac Landbouwetensch Meded* 37 (3): 1046-1061. Ref. 1972

091890 105.1 G344
Soje uses of soils stabilizers in USA. Moldenhauer, W C *Ghent Rijksfac Landbouwetensch Meded* 37 (3): 1076-1085. Ref. 1972

091891 105.1 G344
Prediction of water transmission in conditioned soils. Gardner, W R *Ghent Rijksfac Landbouwetensch Meded* 37 (3): 1150-1159. Ref. 1972

091892 105.1 G344
Soil rehabilitation problems in humid Tropics with special reference to West Malaysia. Joseph, K T *Ghent Rijksfac Landbouwetensch Meded* 37 (3): 1160-1167. 1972

091893 10 G79LA
Lime in agriculture. [Soil amendments]. *Great Brit Min Agr Fish Food Adv Leafl* 542, Rev., 6 P 1973

091894 S544.3.H3H3
Proceedings: sixth Hawaii Fertilizer Conference, April 27, 1973. *Hawaii Univ Ext Misc Publ* 104. 39 P. Apr 1973

091895 S544.3.H3H3
World & domestic fertilizer situation. Garman, W L *Hawaii Univ Ext Misc Publ* 104: 1-4. Apr 1973

091896 S544.3.H3H3
Enviromental control of tomatoes on Winward Oahu. [Fertilization, irrigation]. Ellis, K *Hawaii Univ Ext Misc Publ* 104: 10-12. Apr 1973

091897 S544.3.H3H3
Fertilization with drip irrigation for sugarcane. Isobe, M *Hawaii Univ Ext Misc Publ* 104: 19-23. Apr 1973

091898 S544.3.H3H3
Correcting micronutrient problems. [Fertilizers]. Kanehiro, Y *Hawaii Univ Ext Misc Publ* 104: 24-35. Ref. Apr 1973

091899 S544.3.H3H3
Soluble salt problems in fertilization. McCall, W W *Hawaii Univ Ext Misc Publ* 104: 35-39. Apr 1973

091900 S544.3.H3H3
Controlled-release fertilizers: state of progress. Barron, H *Hawaii Univ Ext Misc Publ* 104: 5-9. Apr 1973

091901 44.8 H65
Odor control may be a big concern. [Manure]. Converse, J C *Hoards Dairyman* 118 (13): 819. July 10, 1973

091902 SB1.H6
Growth response of container-grown woody ornamentals to slow-release fertilizers. Gouin, F R *Hortscience* 8 (3): 208-209. June 1973

091903 SB453.F37 1973
Lime, a vital part of turf. Radko, A M *In Faust, Joan Lee. The New York Times Garden Book* P. 182-184. 1973

091904 SB453.F37 1973
Mulch first, plant second, & vegetables grow. Fleming, B *In Faust, Joan Lee. The New York Times Garden Book* P. 273-276. 1973

091905 SB951.V35
Agricultural formulations with liquid fertilizers. [Pesticides]. Lindner, P *In Van Valkenburg, Wade, ed. Pesticide Formulations* P. 113-141. Ref. 1973

091906 SB453.5.W47
Mulch-composting in desert. Rawson, H *In Western Organic Gardening* P. 67-69. 1972

091907 22 IN294
Effect of nitrogen on growth of Panicum in sandy soil. Mukherjee, A *Indian Agr* 16 (2): 199-200. 1972

091908 22 IN283
Nitrogen topdressing for more panicles & spikelets. [rice]. Sakai, H *Indian Farming* 22 (9): 16-17, 19. Dec 1972

091909 22 IN283
Fertilizers & environmental pollution; Indian case analysed. Kanwar, J S *Indian Farming* 22 (9): 5-7, 19. Dec 1972

091910 22 AG83I
Correlation of yield & yield-contributory characters in groundnut grown under high & low fertility levels. Dholaria, S J *Indian J Agr Sci* 42 (12): 1084-1086. Dec 1972

091911 22 AG83I
Response of dwarf wheats to nitrogen fertilization in silt loam soil of Pantnagar. Sharma, K C *Indian J Agr Sci* 42 (12): 1116-1120. Dec 1972

091912 425.8 IN22
Manuring of mulberry. [Morus]. Krishnaswami, S *Indian Silk* 11 (9): 17-19, 34 Jan 1973

091913 381 J8223
System Nh3-K20-H3P04-H4P207-H20 at 25 degrees. [Ammonia, potassium oxide, phosphoric acid, pyrophosphoric acid, water fertilizers]. Frazier, A W *J Agr Food Chem* 21 (4): 700-704. July-/Aug 1973

091914 381 J8223
Acidic ammonium polyphosphate fertilizer as carriers for manganese. Hossner, L R *J Agr Food Chem* 21 (4): 705-707. Ref. July/Aug 1973

091915 10 J822
Effects of potassium & magnesium fertilizers on yield & size distribution of potatoes. Simpson, K *J Agr Sci (London)* 80 (3): 369-373. Ref. June 1973

091916 10 J822
Mitrification inhibitors & slow-release nitrogen fertilizers for rice (Oryza sativa L.). Rajale, G B *J Agr Sci (London)* 80 (3): 479-487. Ref. June 1973

091917 410 J828
Response of grasses to nitrogen source. Wiltshire, G H *J Appl Ecol* 10 (2): 429-435. Ref. Aug 1973

091918 410 J828
Systems analysis of effect of application methods on entry of sulphur into pastures grazed by sheep. [Wool]. May, P F *J Appl Ecol* 10 (2): 607-626. Aug 1973

091919 QD241.J6
Good nitrogen fertilizer is profitable in spite of bad weather. [Corn, oats]. (Swe) Hansson, K A *J Organometal Chem* 1: 14-15. 1973

091920 56.8 J822
Nitrare content of percolates from manured lysimeters. [Poultry manure application]. Bielby, D G *J Soil Water Conserv* 28 (3): 124-126. May/June 1973

091921 66.9 J27 SUPPL.
Study on growth acceleration of sugar beets. 1. Effects of polyethylene film mulching on growth acceleration of sugar beets. (Jap) Kon, T *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 75-83. Eng. Sum. 1972

091922 66.9 J27 SUPPL.
Mixing ratio of fused phosphate & superphosphate in paper-pot raising of seedlings enriched with phosphate fertilization. (Jap) Masuda, T *Jap Sugar Beet Impr Found Sugar Beet Res Bull Suppl* 14: 91-99. Eng. Sum. 1972

091923 99.8 J32
Influence of mineral fertilizer application on growth & frost resistance of Picea spruce plants. (Lav) *Jaunakais Mezsaimnieciba* 15: 45-51. Ref. Eng. Sum. 1973

091924 73.38 IN2
Yeild response of mesta (H. Sabdariffa L.) to different levels of nitrogen. [Kenaf]. Reddy, C S *Jute Bull* 35 (3/4): 60-63, 59. June/July 1972

091925 80 K122
Effect of phosphoric acid application on fruit trees. [Citr us, peach, pear]. (Jap) Yuta, E *Kajitsu Nippon* 28 (4): 98-103. 1973

091926 75.8 K145
Influence of calcium cyanamide on tuber yield & quality of potatoes. (Ger) Dambroth, M *Kartoffelbau* 24 (4): 100-101. Apr 1973

091927 80 K474
Six to eight days earlier yield, income higher 10-12. (Hun) Zatyko, F *Kerteszet Szolesz* 22 (21): 3-6. May 24, 1973

091928 SB13.K45
Yield response of tomato to foliage fertilizing. (Hun) Hodossi, S *Kertgazdasag* 5 (1): 53-60. Ref. Eng. Sum. 1973

091929 385 K524
Application of ammonium nitrate to Chernozem soils in Voroshilovgrad Region. (Rus) Akent'eva, L I *Khim Sel'skom Khoz* 11 (3): 10-13. 1973

091930 100 L93 (1)
Molybdenum investigations with soybeans in Louisiana. [Fertilizers]. Sedberry, J E *La Agr Exp Sta Bull* 670, 39 P. Ref. Jan 1973

091931 100 L939
Effects of fertilization on an oat-ryegrass mixture. Allen, M *La Agr* 16 (4): 8-9. Summer 1973

091932 18 L2355
Valuation of work experiences of mineral fertilization. (Ger) Isensee, E *Landarbeit* 24 (4): 25-29. Ref. Apr 1973

091933 11 L2322
Application of artificial manure after sowing. (Dan) Skriver, K *Landbonyt* 27 (4): 253-254, 257-258. Apr 1973

091934 105.2 OR3
Uptake of cadmium by plants. [Tomatoes, foliar diagnosis]. (Dut) Steiner, A A *Landbouwkundig Tijdschr* 85 (4): 124-128. Ref. Eng. Sum. Apr 1973

091935 S7.L35
Effect of nitrogen & phosphorus fertilization on yield & nutrient uptake of Egyptian clover in Egypt. (Ger) Shaaban, K *Landwirt Ausl* 7 (2): 37-39. Mar/Apr 1973

091936 79.8 L91
Foliar fertilizer application. (Ita) Talentoni, G *Lotta Antiparassitaria* 25 (5): 14-15. May 1973

091937 22 M262
Studies on soil molybdenum in Tamil Nadu soils. [India]. Balaguru, T *Madras Agr J* 60 (3): 147-151. Ref. Mar 1973

091938 22 M262
Influence of levels of fertilizers & methods of application of insecticide on IR.8 rice. Raj, S M *Madras Agr J* 60 (3): 179-183. Mar 1973

091939 SB375.M32
Quantitative assessment of relative importance of nitrogen, phosphorus, potassium & their interactions in nutrition of pineapple. Tay, T H *Malay Pineapple Ind Board Malays Pineapple* 2: 33-39. 1972

091940 SB375.M32
Liming of peat soils & its effects on pineapple. Tay, T H *Malay Pineapple Ind Board Malays Pineapple* 2: 53-59. 1972

091941 107.6 T78
Effects of basal dressing level on dry matter production & botanical composition in mixed stands of orchardgrass & Ladino clover. (Jap) Morita, O *Mie Univ Fac Agr Bull* 45: 73-83. Ref. Eng. Sum. Mar 1973

091942 99.8 M662
Foliar nutrient concentrations of some Minnesota forest species. Henry, D G *Minn Forest Res Notes* 241, 4 P. Apr 15, 1973

091943 18 N39
Urea in performance comparison. [Fertilizers]. (Ger) Kiepe, H *Mitt Deut Landwirt-ges* 88 (22): 633-634. May 31, 1973

091944 18 N39
Increased late nitrogen fertilization of winter wheat. (Ger) Terkamp, H *Mitt Deut Landwirt-ges* 88 (23): 654, 656-657. June 7, 1973

091945 S19.M6
Cost of fertilisers & balanced fertilisation. Sakhalkar, S B *Mod Agric* 3 (1): 23-26. Jan/Feb 1972

091946 S19.M6
Basic problems of increasing fertilizer production & consumption during seventies. Marwaha, P S *Mod Agric* 3 (1): 33-35. Jan/Feb 1972

091947 S19.M6
Nutrient levels & rhizobial efficiency. [Soil fertility]. Iswaran, V *Mod Agric* 3 (2): 15-16. Mar/Apr 1972

091948 S19.M6
Legumes & soil fertility. Iswaran, V *Mod Agric* 3 (3): 17-18. May/June 1972

091949 335.9 N485
High rise – deep pit in-house drying of poultry manure. Sobel, A T *N Y Farm Elec Counc Progr Rep* 30Th: 26-37. May 31, 1973

091950 12 N3892
Aspects of agricultural use of potato starch waste water. [Fertilizers]. Haan, F A M de *Neth J Agr Sci* 21 (1): 85-94. Ref. 1973

091951 60.19 N48
Nutrient responses on exposed mountain subsoils. Dunbar, G A *New Zeal Grassland Ass Proc* 34Th: 129-138. Map. 1973

091952 60.19 N48
Research findings in pasture establishment on Te Anau soils. Cullen, N A *New Zeal Grassland Ass Proc* 34Th: 65-70. Ref. 1973

091953 60.19 N48
Effect of topdressing & liming on uptake of mineral nutrients in pasture. McNaught, K J *New Zeal Grassland Ass Proc* 34Th: 77-83. 1973

091954 49.9 N76
Addition of cesium 80 & stirring of liquid manure (Gulle) with view to reducing poisonous & odorous gas concentrations. (Nor) Lilleng, H *Norges Landbrukshogsk Inst Bygningsteknikk Stensiltrykk* 113, 37 P. Ref. Eng. Sum. 1972

091955 20.5 N86
What rate of nitrogen may be safe for pastures. (Pol) Falkowski, M *Nowe Roln* 22 (10): 14-16. May 16/31, 1973

091956 20.5 N86
Possibilities of optimization of intensive fertilizer use on pastures. (Pol) Niczyporuk, A *Nowe Roln* 22 (10): 8-10. May 16/31, 1973

091957 85 J76
Foliar fertilization in horticulture. (Ger) Kolbe, W *Obstbauversuchsring Alten Landes Mitt* 28 (4): 106-110. Apr 1973

091958 81 OR32
Fertilizer tests & leaf analysis study on boysenberries. Sheets, W A *Oreg Hort Soc (proc)* 64: 121-124. 1973

091959 81 OR32
Use of vermiculite to improve stands of direct seeded cole crops. Mansour, N S *Oreg Hort Soc (proc)* 64: 182-183. 1973

091960 81 OR32
Leaf analysis & fertilizer suggestions for apple & pear. Chaplin, M H *Oreg Hort Soc (proc)* 64: 47-50. 1973

091961 8 P832J
Effects on coffee of two levels of fertilizer & frequency of their application. Boneta Garcia, E G *P R Univ J Agr* 57 (2): 89-95. Apr 1973

091962 72.8 P172
Extensive fertilizer trails on AC-134 & B.S. I varieties of cotton in central region of West Pakistan. Bhatti, M A *Pakistan Cottons* 17 (2): 31-37. Jan 1973

091963 SB401.A1P4
A new method to increase zinc absorption by pecan leaves. Storey, J B *Pecan Quart* 7 (2): 10-11. May 1973

091964 1.9 P69P
Effect of nitrogen fertilization & mowing on Helminthosporium leaf spot & sugar content of bluegrass leaves. [Poa pratensis]. Gibbs, A F *Plant Dis Rep* 57 (6): 544-548. Ref. June 1973

091965 450 P696
Studies on mineral ion absorption by plants. II. interaction between metabolic activity & rate of phosphorus uptake. White, R E *Plant Soil* 38 (3): 509-523. Ref. June 1973

091966 450 P696
Assessment of volatilization loss of ammonia from surface-applied urea on forest soil by N15 [nitrogen] recovery. Nommik, H *Plant Soil* 38 (3): 589-603. Ref. June 1973

091967 450 P696
On inoculation of legumes. [Rhizobium]. Gupta, K G *Plant Soil* 38 (3): 667-669. Ref. June 1973

091968 19.5 P752
Furnace dusts of cement works as a source of available nutrients. [Fertilizers]. (Cze) Kulich, J *Pol'nohospodarstvo* 19 (2): 113-121. Ref. Eng. Sum. 1973

091969 TD180.P6
Making composting work. Eweson, E *Pollut Eng* 5 (6): 38-39. June 1973

091970 21 R862
Amendment & fertilization as basic factors for a successful lucerne crop & for improving & quality of fodder on Podzolic soils. (Rum) Pop, M *Probl Agr (bucharest)* 25 (2): 24-34. Ref. Feb 1973

091971 6 P9452
Prevent chlorosis in plants with use of sulfuric acid. [Soils]. Ryan, J *Progr Agr Ariz* 25 (2): 3-5. Mar/Apr 1973

091972 S19.P7
Fertilizer requirements of cotton. Bajwa, M S *Progr Farming* 9 (8): 6-7. Apr 1973

091973 S544.3.M6M6
Hay fertilization in Flathead Valley, Montana. Graham, D R *Res Rep Mont Agric Exp Stn Mont State Univ* 32, 17 P. May 1973

091974 287 R52
Use of carbonic fertilizers for greenhouse culture. (Ita) *Riviera Fiori* 28 (2): 39-51. Feb 1973

091975 20.5 R59 SER. A
Study on simplification of liquid manure production & application methods. I. Effect of water & superphosphate addition on nitrogen losses during manure fermentation. (Pol) Kuszelewski, L *Rocz Nauk Roln Ser A Rosl* 98 (2): 103-119. Ref. Eng. Sum. 1973

091976 64.9 C33
Use of synthetic ion exchangers to increase production capacity of sandy soils. (Cze) Podlesakova, E *Rostlinna Vyroba* 19 (2): 119-130. Ref. Eng. Sum. Feb 1973

091977 64.9 C33
Effect of gradated nitrogen-fertilization under different ecological conditions on feeding value of winter rye. (Cze) Kristan, F *Rostlinna Vyroba* 19 (2): 131-140. Ref. Eng. Sum. Feb 1973

091978 64.9 C33
Effect of fertilization with different kinds of phosphoric compounds on content of nitrogen & free amino acids in leaves of soya. (Cze) Reichlova, E *Rostlinna Vyroba* 19 (2): 147-152. Ref. Eng. Sum. Feb 1973

091979 103 R74GA
Yields & N, [nitrogen] P, [phosphorus] & K [potassium] contents of crops grown in Rothamsted Reference experiment, 1956-70. Widdowson, F V *Rothamsted Exp Sta Rep* 2: 111-130. 1972 (Pub. 1973)

091980 103 R74GA
Effects of ley & arable cropping systems on amounts of soil organic matter in Rothamsted & Woburn ley-arable experiments. Johnston, A E *Rothamsted Exp Sta Rep* 2: 131-159. 1972 (Pub. 1973)

091981 S13.S55
Effect of nitragin & nitrogen fertilizers on alfalfa yield. (Rus) Levtsova, O P *Sib Vestn S-kh Nauk* 2: 11-14. Mar/Apr 1973

091982 S592.7.A1S6
Net mineralization of nitrogen in leaves & leaf litter of Desmodium intortum & Phaseolus atropurpureus mixed with soil. [Siratro beans, plant risidues]. Vallis, I *Soil Biol & Biochem* 5 (4): 391-398. Ref. July 1973

091983 56.8 SO3
Seepage flows – field data measurements for evaluation of potential contribution of fertilizers to groundwater pollution. Michna, L *Soil Sci* 115 (6): 401-408. Ref. Jun 1973

091984 56.8 SO3
Effect of gypsum treatment on swelling of natural clods of a clay soil. Bridge, B J *Soil Sci* 115 (6): 414-419. Ref. June 1973

091985 56.8 SO3
Polyvinyl alcohol as a stabilizer of surface soils. Stefanson, R C *Soil Sci* 115 (6): 420-428. Ref. June 1973

091986 SD1.S89
Soil fertilizing under forest stands. (Cze) Materna, J *Stud Inf, Lesn* 72 (5), 59 P. Ref. Eng. Sum. 1972

091987 99.8 SY52
New directions in fertilization of forest soils. (Pol) Kowalkowski, A *Sylwan* 117 (3): 17-28. Ref. Mar 1973

091988 S631.A82
A consideration of soil productivity problems in Japan. Egawa, T *Tech Bull AS-PAC Food Fert Technol Cent (asian Pac Counc)* No 15 (Pt 6): 55-99. Ref. Apr 1973

091989 11 T439
Nutritional state of Danish fruit orchards as shown by leaf analysis. II. Pears, cherries & plums, 1967-1970. [Foliar diagnosis]. Van-Petersen, O *Tidsskr Planteavl* 77 (2): 244-254. Ref. 1973

091990 56.9 C432
Cadmium uptake by rice plant & wheat as affected by application of phosphate & several metal elements. (Jap) Kashino, M *Tokyo Nat Inst Agr Sci Bull Ser B (soils & Fert)* 24: 1-51. Ref. Eng. Sum. Mar 1973

091991 26 T754
Influence of soil properties on fertilizer response of irrigated rice in Iran. Bolle-Jones, E W *Trop Agr (st Augustine)* 50 (3): 173-181. July 1973

091992 26 T754
Response of Digitaria setivalva to nitrogen, phosphorus, potassium, magnesium & calcium on Ebini sandy loam, Guyana. II. Effect on some chemical properties & nutrient status of soil. Chesney, H A D *Trop Agr (st Augustine)* 50 (3): 193-202. Ref. July 1973

091993 SB111.A2T72
Oil content & herb yield of geranium plants as affected by nitrogen fertilization in loamy & sandy soils. (Ger) Shedeed, M R *Tropenlandwirt* 74: 60-66. Eng. Sum. Apr 1973

091994 aHD9483.U5U5
1973 Fertilizer situation. *U S D A Econ Res Serv Fert Situation FS* 3, 37 P., Map. Dec 1972

091995 aHD9483.U5U5
Where did all phosphate go? [Fertilizers, prices]. Gale, J F *U S D A Econ Res Serv Fert Situation FS* 3: 25-28. Dec 1972

091996 aHD9483.U5U5
Farmer cooperatives in fertilizer business. Mather, J W *U S D A Econ Res Serv Fert Situation FS* 3: 29-34. Dec 1972

091997 474 UM7
Effects of fertilization on ground water. (Ger) Schulz, H D *Umschau* 73 (14): 442-443. Eng. Sum. July 15, 1973

091998 80 V662
Fertilisers & your orchard. Baxter, P *Victorian Hort Dig* 17 (1): 24-29. 1973

091999 20 AK1
Effect & aftereffect of fertilizers on superphosphoric acid in Chernozem soil. (Rus) IAnishevskii, F V *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 5: 13-16. May 1973

092000 20 AK1
Increasing effectiveness of mineral fertilizers & eliminating losses in relation to irrigation. [Field crops, yields]. (Rus) Vasil'eva, S G *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 5: 16-18. May 1973

092001 100 V593
What you should know about soil; to: orgainc gardeners. Way, W A *Vt Farm Home Sci* 15 (3): 10-11. Spring 1973

092002 100 W52 (1)
Potassium fertilization studies of alfalfa in West Virginia in relation to yield & longevity of alfalfa stands (1955 – 1970). Keefer, R F *W Va Agr Exp Sta Bull* 621T, 20 P. Ref. Apr 1973

092003 105.2 V61V
Nitrogen nutrition, soil management & nitrogen dressing of fruit crops (apple, pear). (Dut) Delver, P *Wageningen Cent Landouwpubl Landbou Verslag Landbouwkund Ore* 790, 187 P. Ref. Eng. Sum. 1973

092004 105.2 V61V
Effect of nitrogen dressings on growth & development of sugar-beet. Houba, V J G *Wageningen Cent Landouwpubl Landbou Verslag Landbouwkund Ore* 791, 65 P. Ref. 1973

092005 100 W27S
Fertilizer trials on irrigated alfalfa in central Washington; a progress report of research conducted during 1968-1972 in Dow, A I *Wash Apr Exp Sta Circ* 563, 27 P., Map. Ref. Apr 1973

092006 95.8 W73
Green manuring, a biological valuable measure in viticulture. (Ger) Ruckenbauer, W *Winzer* 29 (3): 55-57. Mar 1973

092007 99.82 M72
Wood waste composts manufacture & application. (Jap) Uemura, S *Wood Ind (jap)* 28 (6): 2-5. June 1973

092008 18 J825
Calculation & demonstration of effects of nitrogen, phosphorus, potassium fertilizers from fertilizer program of FAO [Food & Agricultural Organization of United Nations] Freedom from Hunger Campaign (Ger) Schafer, P *Z Acker& Pflanz* 137 (1): 1-23. Ref. Eng. Sum. Mar 1973

092009 S605.A1Z4
Lime requirement of soils containing sulphur. (Ger) Feige, W *Z Kulturtech Flurbereinig* 14 (3): 190-196. Ref. Eng. Sum. May/June 1973

092010 80 OV64
Plant analysis main guide for fertilization. (Cze) Zurbickij, Z I *ZL (zahradnicke Listy)* 66 (3): 81-82. 1973

SOIL RESOURCES AND MANAGEMENT

092011 19 B855
Results of forest soil melioration in western Hungary. (Hun) Belak, S *Agrartud Kozl* 31 (2): 183-187. 1972

092012 19 B855
Some characteristic soil type of western Hungary & protection against erosion. (Hun) Fekete, Z *Agrartud Kozl* 31 (2): 195-200. 1972

092013 19 B855
Yield increase & melioration. (Hun) Lorincz, J *Agrartud Kozl* 31 (2): 200-285. 1972

092014 19 B855
Farm management aspects of complex soil melioration. (Hun) Buzdor, A *Agrartud Kozl* 31 (2): 205-215. 1972

092015 75.8 P842
Minimum tillage for potatoes. Grant, W J *Amer Potato J* 50 (6): 193-203. Ref. June 1973

092016 S7.A755
On a method for measuring relative root performance of agricultural plants in different depths of soil following measures of amelioration. (Ger) Igel, H *Arch Acker Pflanz Bodenkd* 17 (3): 195-201. Eng. Sum. 1973

092017 7 B77P
Land-clearing in British Columbia. *Brit Columbia Dep Agr (publ)* 3, 19 P. 1973

092018 21.5 B87
Marshy lands & saline lands of Lushnja district & ways for their rational exploitation. [Reclamation]. (Alb) Bajraktari, F *Bul Shkencave Bujqesore* 11 (4): 55-75. Ref. Eng. Sum. 1972

092019 292.9 C1282
Surfactant application to water-repellent soils to reduce runoff & erosion & its consequent effect on ecological system. Letey, J *Calif Univ Water Resources Center Rep* 25: 52-60. Jan 1973

092020 99.8 ER22
Soil preparation on closures of sandsunes. (Hun) Darabos, I *Erdo* 22 (4): 178-180. Eng. Sum. Apr 1973

092021 22 F223
Soil erosion – disease; soil conservation – cure. Dayal, R *Farm J (calcutta)* 24 (4/5): 20-23. Feb/Mar 1973

092022 24 SO842
Farmers – maintain your contoured lands. Gertenbach, J J *Farming S Afr* 48 (12): 32-37. Mar 1973

092023 14 F844B
Tillage & its consequences in mediterranean zone. (Gre) Lacombe, R *France Min Agr Bull Tech Inform* 278 (Special No.): 151-299. Mar/Apr 1973

092024 14 F844B
Relations between water reserve & soil tillage. (Fre) Chamayou, H *France Min Agr Bull Tech Inform* 278 (Special No.): 185-190. Ref. Mar/Apr 1973

092025 14 F844B
Photographic commentaries. [Soils, tillage]. (Fre) Henin, S *France Min Agr Bull Tech Inform* 278 (Special No.): 201-202. Mar/Apr 1973

092026 14 F844B
Some aspects of soil tillage in irrigated cultures. (Fre) Vigneron, J *France Min Agr Bull Tech Inform* 278 (Special No.): 253-254. Mar/Apr 1973

092027 14 F844B
Soil maintenance in orchards by utilization of herbicides: Possibilities, limits & consequences of this technique. (Fre) Clanet, H *France Min Agr Bull Tech Inform* 278 (Special No.): 261-265. Mar/Apr 1973

092028 TC805.C6 1972
Drainage of Beemster polder. Rook, B *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 2: 27.297-27.314. Map. 1972

092029 TC805.C6 1972
Bank erosion on low-velocity streams. Fuquay, G A *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 5: 29.1.475-29.1.493. 1972

092030 SB453.5.W47
Growing a super-soil bank. Rawson, H *In Western Organic Gardening* P. 45-46. 1972

092031 SB453.5.W47
Sand hill gardening. [soils, improvement]. Reid, D *In Western Organic Gardening* P. 47-49. 1972

092032 SB453.5.W47
How my garden soil grew & grew. Meeker, J J *In Western Organic Gardening* P. 50-55. 1972

092033 292.48 IN2
Scour holes down stream of canal structures in Kosi Project. Gupta, B P *Indian J Power River Val Develop* 23 (1): 19-20. Jan 1973

092034 S671.J62
Splash erosion of loam & silty clay loam soils under rainfall conditions. Sharma, G N *J Agric Eng* 9 (3): 1-10. Sept 1972

092035 410 J828
Effects of cultivation treatment on water potential & soil aeration in wet heathland with special reference to afforestation. [Pinus sylvestris]. Read, D J *J Appl Ecol* 10 (2): 479-487. Aug 1973

092036 410 J828
Use & deterioration of some Scottish hill paths. Bayfield, N G *J Appl Ecol* 10 (2): 635-644. Aug 1973

092037 56.8 J822
Usefulness of ridge cultivation in Nigerian agriculture. Kowal, J *J Soil Water Conserv* 28 (3): 136-137. May/June 1973

092038 SB127.K4
Soil sanitation in vegetables forcing & seedling growing. (Hun) Nagy, J *Kert Egy Zoldsegtermesztesi Tansz Hajtatas Korai Termesztes* 4 (1): 8-10. Feb 1973

092039 SB13.K45
Mulching with plastics in vineyards. (Hun) Furi, J *Kertgazdasag* 5 (1): 23-33. Ref. Eng. Sum. 1973

092040 58.8 L235
How deep should we plough? (Ger) Feuerlein, W *Landtechnik* 28 (3): 79-81. Feb 20, 1973

092041 99.9 C334
Present situation & development of forest soil conservation & improvement in Czechoslovakia. (Cze) Ferda, J *Lesnictvi* 19 (2): 187-204. Ref. Eng. Sum. Feb 1973

092042 58.8 M4623
Mechanization of grape culture & preservation of soil fertility. (Rum) Zagardan, A *Mec Elec Agr* 18 (4): 32-41 Apr 1973

092043 18 N39
Soil & land protection in Soviet Union. (Ger) Brenburda, J *Mitt Deut Landwirtges* 88 (22): 631-632. May 31, 1973

092044 S19.M6
Modern conservation farming. Francis, C J *Mod Agric* 3 (2): 13-14. Mar/Apr 1972

092045 S19.M6
Soil conservation & dry farming in Telengana, Andhra Pradesh. Chinnamani, S *Mod Agric* 3 (2): 79-81. Mar/Apr 1972

092046 290.9 AG8
Studies on drying of ground in Hachirogata lagoon. I. settling down of ground surface in marshy heavy clay soil. (Jap) Takenaka, H *Nogyo Doboku Gakkai Trans* 43: 12-18. Eng. Sum. Jan 1973

092047 290.8 N68
On restoration of farm land & agricultural installations after diasters. [Flood, earthquakes, tornadoes]. (Jap) Yamaguchi, S *Nogyodoboku-kenkyu* 41 (5): 19-24. May 1973

092048 502 N812
Studies of re-vegetation in vehicle tracks in Svalbard. [Erosion]. (Nor) Hjeljord, O *Norsk Polarinst Arbok* P. 31-42. Eng. Sum. 1973

092049 11 N813
Experimental work in cultivating marsh. (Nor) Vikeland, N *Norske Myrselsk Medd* 71 (1): 22-27. Feb 1973

092050 S544.3.M6M6
Surface mined land reclamation research in Montana; progress report, 1972 – 73. [Open pit mining]. Sindelar, B W *Res Rep Mont Agric Exp Stn Mont State Univ* 40, 122 P. Map. Ref. Apr 1973

092051 26 AG82
Eolic erosion in arid hot countries. [Soils]. (Ita) Nistri, P F *Riv Agr Subtrop Trop* 66 (4/9): 111-121. Eng. Sum. Apr-/Sept 1972

092052 20.5 R59 SER. C
Influence of particular cultivation methods & compression of soil on changes of its physical properties & on potato yields. (Pol) Borowiec, M *Rocz Nauk Roln Ser C Mech Roln* 69 (3): 7-26. Eng. Sum. 1972

092053 21 P75
On effect of synthetic copolymer Curasol AE in soil protection from erosion & lawn growing on steep slopes. (Cro) Mijatovic, M *Savremena Poljoprivreda* 20 (11/12): 55-65. Eng. Sum. 1972

092054 80 SCH9
Positive & negative aspects of terracing. [Viticulture]. (Ger) Faust, H *Schweiz Z Obst Weinbau* 109 (13): 319-321. June 9, 1973

092055 80 SCH9
Results of soil tillage experiments in viticulture. (Ger) Perret, P *Schweiz Z Obst-Weinbau* 109 (6): 151-161. (Concluded) Mar 17, 1973

092056 S13.S55
Effect of various procedures of soil tillage on weediness of fields. [Weed control]. (Rus) Lisunov, V V *Sib Vestn S-kh Nauk* 2: 1-5. Mar/Apr 1973

092057 56.8 SO323
Forest utilisation & water & soil conservation. [New Zealand]. Thomson, A P *Soil & Water* 9 (1/2): 9-12. Nov/Dec 1972

092058 1.6 SO3S
Role of conservation districts in land use planning. Zimmerman, G K *Soil Conserv* 38 (10): 227. May 1973

092059 1.6 SO3S
Land & water planning go together. *Soil Conserv* 38 (10): 231-232. May 1973

092060 511 AK146
Enzyme activity of soils rehabilitated from damage caused by open manganese mining. [reclamation, Lolium, alfalfa]. (Rus) Daraseliia, N A *Soobshch Akad Nauk Gruz SSr* 70 (2): 429-432. Eng. Sum. May 1973

092061 80 SV23
Soil structure & management. [Fruit culture]. (Swe) Ericsson, N A *SYr Inf Fruktodlaren (sver Yrkesfruktodlares Riksforb)* 15 (3): 21-22, 24-26. June 1973

092062 100 T31P
Degradable plastic mulch studies in west Texas. *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3168/3172, 10 P. Mar 1973

092063 100 T31P
Influence of degradable plastic on soil conditions & drop emergence, 1970. [Mulches]. Wendt, C W *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3168/3172: 3-4. Mar 1973

092064 100 T31P
Applying degradable plastic to watermelons in Rolling Plains, 1971. [Mulches]. Fuqua, M C *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3168/3172: 5. Mar 1973

092065 100 T31P
Applying degradable plastic to cotton, onions & carrots in High Plains, 1971. [Mulches]. Wendt, C W *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3168/3172: 5-8. Mar 1973

092066 100 T31P
Applying degradable plastic to cotton & cantaloupes in trans-pecos (Pecos, Texas), 1971. [Mulches]. Wendt, C W *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3168/3172: 8-9. Mar 1973

092067 100 T31P
Applying degradable plastic to cotton in trans-pecos (El Paso, Texas), 1971. [Mulches]. Wendt, C W *Tex Agric Exp Stn Prog Rep (consol Prog Rep)* 3168/3172: 9-10. Mar 1973

092068 18 UB3
Soil will take revenge. [Soil management]. (Ger) Wagenbach, H *Ubersicht* 24 (6): 428-431. June 9, 1973

092069 474 UM7
Erosion prevention: revegetation of ground sections heavily covered with stones. (Ger) Czell-Brunner-Stonawski, A *Umschau* 73 (13): 408-409. Eng. Sum. July 1, 1973

092070 11 V44T
Land reclamation in Canada. (Swe) Porenius, P *Vastmanlands Lans Hushallningssallsk Tidskr* 4: 13-14. 1973

092071 281.8 W892
Some aspects of tillage problem in Malawi. Warboys, I B *World Crops* 25 (3): 150-151. Map. Ref. May/June 1973

092072 S605.A1Z4
A new method for improvement of stagnantly moist ombrogenous bogs which are covered with sand. (Ger) Kuntze, H *Z Kulturtech Flurbereinig* 14 (3): 160-167. Eng. Sum. May/June 1973

092073 S605.A1Z4
Amelioration & regional planning in rural areas. (Ger) Heinrich, K *Z Kulturtech Flurbereinig* 14 (3): 204-208. Map. May/-June 1973

WATER RESOURCES AND MANAGEMENT

092074 S13.A2
Influence of rainfall depth & irrigation rate upon moisture contents in sandy soils. (Slo) Benetin, J *Acta Fytotechnica* 25: 167-182. Ref.aEng. Sum. 1972

092075 S13.A2
Simplified hydraulic calculus of pressureless pipe-line. (Slo) Klopcek, A *Acta Fytotechnica* 25: 183-198. Eng. Sum. 1972

092076 S13.A2
How to solve water supply into enclosures by means of untraditional way. [Pastures, irrigation]. (Slo) Krajcirova, Z *Acta Fytotechnica* 25: 213-222. Eng. Sum. 1972

092077 19 B855
Requirements of agriculture in water management. (Hun) Ravasz, T *Agrartud Kozl* 31 (2): 277-289. 1972

092078 1.98 AG84
Recharging ground water reservoirs. *Agric Res* 21 (12): 6-7. June 1973

092079 15 AG84
Practical demonstration of irrigation & drainage. (Spa) Minquez, J *Agric Rev Agropecu* 42 (492): 192-195. Apr 1973

092080 302.9 AP5
Water as a raw material. Holm, R A *Appleton (Wis) Inst Pap Chem Exec Conf Proc* 37Th: 33-37. 1973

092081 S7.A755
Determining need of irrigation. (Ger) Bohne, K *Arch Acker Pflanz Bodenkd* 17 (1): 29-43. Ref. Eng. Sum. 1973

092082 S7.A755
Agronomic performance parameters & proportioning quantities for use of clear-and waste-water sprinkler irrigation under conditions of large-area farming. (Ger) Schwarz, K *Arch Acker Pflanz Bodenkd* 17 (2): 133-142. Ref. Eng. Sum. 1973

092083 S7.A755
Irrigation problems in connection with development of intensive agriucltural production along industrial lines in German Democ (Ger) Kundler, P *Arch Acker Pflanz Bodenkd* 17 (4): 235-250. Ref. Eng. Sum. 1973

092084 100 AR4 (2)
A comprehensive analysis of a major storm & associated flooding in Arizona. Thorud, D B *Ariz Agr Exp Sta Tech Bull* 202, 30 P., Map. Ref. May 1973

092085 TD201.B7
Water supply in Great Britain 1690 – 1950: a brief history in six parts. VI. Dracup, S B *Br Water Supply* 6: 51-58. Ref. June 1973

092086 21.5 B87
About need of water for plants according to kind of soil. (Alb) Spaho, S *Bul Shkencave Bujqesore* 11 (4): 77-87. 1972

092087 QH540.S7
An apparatus for measuring growth of bacteria in a river. Baker, J H *Bull Ecol Res Comm, Swed Nat Sci Res Counc* 17: 340-341. 1973

092088 G39.K6
Snow survey by aerial photographs. Otake, K *Bull Geogr Surv Inst* 18 (1): 1-17. Map. Sept 1972

092089 14 P215BC
Influence of irrigation on techniques & rotations of agricultural exploitations in Garonne valley. (Fre) Cochard, B *C R Seances Acad Agric Fr* 58 (17): 1450-1460. 1972

092090 292.9 C1282
Ecological & physiological implications of greenbelt Irrigations. Youngner, V B *Calif Univ Water Resources Center Rep* 25: 10-14. Jan 1973

092091 292.9 C1282
Augmentation of watershed yields by evaporation control in snowpacks. Amorocho, J *Calif Univ Water Resources Center Rep* 25: 109-115. Jan 1973

092092 292.9 C1282
Effects of cost, technology, supply, & quality of irrigation water on cropping patterns, income, & output of farm firms in Imperial Valley, California. Snyder, J H *Calif Univ Water Resources Center Rep* 25: 41-42. Jan 1973

092093 292.9 C1282
Economic analysis in water resources planning – with emphasis on desalination. Rausser, G C *Calif Univ Water Resources Center Rep* 25: 43-44. Jan 1973

092094 292.9 C1282
Efficiency & equity in augmenting water supply. Mercer, L J *Calif Univ Water Resources Center Rep* 25: 44-47. Jan 1973

092095 292.9 C1282
Populations & water resources in California. Boughey, A S *Calif Univ Water Resources Center Rep* 25: 64-72. Jan 1973

092096 292.9 C1282
A comparative study of environmental protection & administrative change in state water management in Pacific Coast States. Wandesforde-Smith, G *Calif Univ Water Resources Center Rep* 25: 73-76. Jan 1973

092097 292.9 C1282
Potential usefulness of antitranspirants for solution of some water supply, plant growth, & environmental problems. Hagan, R M *Calif Univ Water Resources Center Rep* 25: 81-91. Jan 1973

092098 292.9 C1282
Stochastic methods for design & operation of linked water reservoirs. Jacobsen, S *Calif Univ Water Resources Center Rep* 25: 92. Jan 1973

092099 281.9 C332
On problems of level & structure of costs of irrigation operations. (Slo) Almassy, J *Cesk Akad Zemed Ustav Vedeckotech Inform Zemed Ekon* 19 (2): 85-98. Feb 1973

092100 292.9 C1282
Water Resources Center, annual report, 1 July 1971 – 30 June 1972. *Davis* 25: 113 P. Jan 1973

092101 TD201.E3
Principles of water quality management. 7. Treatment & disposal of industrial wastewaters. Fish, H *Effluent Water Treat J* 13 (5): 279-289. May 1973

092102 TD172.E52
Use of heterotrophic activity technique as a measure of eutrophication. Albright, L J *Environ Pollut* 5 (1): 59-72. Map. July 1973

092103 105.8 G36E
Causes & consequences of eutrophication of waters. (Ger) Hoffmann, J *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 335-342. Ref. 1972

092104 389.8 ER66
Nutrition clouds & sea: Artificial weather, sea farming, water desalinization & aquaculture. (Ger) Andreae, B *Ernahr-umsch* 20 (4): 106-109. Ref. Apr 1973

092105 HD9016.I4F3
Advance in Israel's irrigation. Goldberg, D *Farm Fact* 7 (5): 16-18. (Concluded) Mar 1973

092106 11 F772
Runoff measurement in small catchment areas, 1955/1960; tabulation & presentation of data. (Nor) Kaarstad, O *Forsk Forsok Landbruket* 24 (2, Suppl.), 100 P. 1973

092107 80 G1948
Tasks & requirements of efficient sprinkler irrigation in stepwise transition to field vegetable production along industrial lines. (Ger) Vogel, G *Gartenbau* 20 (6): 157-160. Ref. June 1973

092108 80 G1948
Adequate levels of sprinkler irrigation at raised yield levels. (Ger) Henkel, A *Gartenbau* 20 (6): 168-169. June 1973

092109 281.8 G25
Experience with forage gorwing under irrigation & role of major factors influencing yields in Great Hunagrian Plain. (Hun) Lengyel, L *Gazdalkodas* 17 (4): 35-48. Ref. Eng. Sum. 1973

092110 281.8 R522
Several-year experiments on a procedure of underground irrigation realized by means of plastic tubes. (Ita) Tournon, G *Genio Rurale* 35 (11): 29-40. Nov 1972

092111 105.1 G344
Role of joint FAO/IAEA [Food & Agriculture Organization of United Nations, International Atomic Energy Agency] Division of Atomic Energy in Food & Agriculture in improving water & fertilizer use efficiency. Barpada, Y *Ghent Rijksfac Landbouwetensch Meded* 37 (3): 1035-1045. Ref. 1972

092112 44.8 H65
Do you have a drainage problem? Nolte, B H *Hoards Dairyman* 118 (12): 777. June 25, 1973

092113 99.9 J2724A
On runoff relations in rainless days. [Watersheds, groundwater]. (Jap) Endo, T *Hokkaido Forest Exp Sta Annu Rep* 1971: 44-61. Ref. Eng. Sum. Oct 1972

092114 410 H992
Thermal springs of Bakreswar, India: Physico-chemical conditions, flora & fauna. Jana, B B *Hydrobiologia* 41 (3): 291-307. Ref. May 15, 1973

092115 TC805.C6 1972
Factors affecting river training. [Flood control]. Naegamvala, J P *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* D: R.29.1.1-r.29.1.22. 1972

092116 TC805.C6 1972
Field irrigation & drainage in deltaic, coastal & low-lying areas. Constantinides, N J *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 2: g.27.1-G.27.18. 1972

092117 TC805.C6 1972
Development of irrigation & drainage in Bada'a Delta, Iraq. McCready, W *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 2: 27.1-27.34. Map. 1972

092118 TC805.C6 1972
Field irrigation & drainage in deltaic, coastal & low-lying areas in Burulles zone, U.A.R. [United Arab Republic]. Fateen, S E *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 2: 27.105-27.124. Map. 1972

092119 TC805.C6 1972
Problems associated with protection & drainage of Danube plain, Vidin region in Republic of Bulgaria. (Fre) Ouzounov, B *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 2: 27.135-27.148. Eng. Sum. 1972

092120 TC805.C6 1972
Research in situ on seepage & balance of water in lower basin of Karaboaz. (Gre) Gadialski, I *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 2: 27.149-27.164. Eng. Sum. 1972

092121 TC805.C6 1972
Introduction of irrigation & related institutional arrangements in Ganges-Brahmaputra-Meghna delta, East Pakistan. Shulz, W G *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 2: 27.173-27.204. Map. 1972

092122 TC805.C6 1972
Sedimentation chambers for drains on Seyhan Irrigation Project. Jensen, M C *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 2: 27.205-27.214. Map. 1972

092123 TC805.C6 1972
Province-wide irrigation & drainage planning & development in East Pakistan. Kirpich, P Z *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 2: 27.215-27.237. Map. 1972

092124 TC805.C6 1972
Field irrigation & drainage techniques developed by sugarcane industry in Guyana. Mohamed, I S *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 2: 27.239-27.250. Map. 1972

092125 TC805.C6 1972
Field drainage problems in Krishna-Godavari delta areas, Andhra Pradesh (India). Suryanarayana, V *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 2: 27.251-27.272. Map. 1972

092126 TC805.C6 1972
Drainage of clayey soils of estuary of Charente (France). (Fre) Coulbois, P *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 2: 27.287-27.296. Eng. Sum. 1972

092127 TC805.C6 1972
Ebro Delta Drainage Project. Unger, J L *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 2: 27.325-27.348. Map. 1972

092128 TC805.C6 1972
Main drainage system of southern Flevoland. Jong, B de *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 2: 27.385-27.402. Map. 1972

092129 TC805.C6 1972
Experience gained in Turkey for irrigation & drainage in deltaic, coastal & low-lying areas. Gizbili, M M *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 2: 27.403-27.408. 1972

092130 TC805.C6 1972
Management of lower Var valley. [Water sources]. (Fre) Pradon, C *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 2: 27.409-27.438. Map. Eng. Sum. 1972

092131 TC805.C6 1972
Field irrigation & drainage in Mouria & Agoulinitsa lowlands, Greece. Constantinides, N J *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 2: 27.439-27.444. 1972

092132 TC805.C6 1972
Interfarm irrigation network of rice systems on Cuban River of USSR. Zaitsev, V B *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 2: 27.49-27.60. 1972

092133 TC805.C6 1972
Tidal zone riceland drainage in Guinea, West Africa. Bitoun, M *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 2: 27.61-27.77. 1972

092134 TC805.C6 1972
Recent & promising developments including mechanization of operations in field of irrigation & drainage. Tsanov, S Z *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 3: G28.1-g.28.17. 1972

092135 TC805.C6 1972
Application of synthetic materials in irrigation & drainage techniques & practices. Zanker, K *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 3: R28. 1-R28.18 1972

092136 TC805.C6 1972
Study of groundwater flow to drainage pipes. (Fre) Widmoser, P *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 3: 28.1.11-28.1.31. Ref. Eng. Sum. 1972

092137 TC805.C6 1972
Increasing net water supply by use of evaporative suppressants on storage reservoirs & on croplands. Haeussner, T E *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 3: 28.1.145-28.1.161.Map. Ref. 1972

092138 TC805.C6 1972
Use of all-plastic irrigation networks in Dunav-Tisa-Dunav project in Yugoslavia. Papanicolaou, K *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 3: 28.1.225-28.1.232. 1972

092139 TC805.C6 1972
Application of synthetic materials to field drainage techniques & practices. Trafford, B D *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 3: 28.1.33-28.1.57. Ref. 1972

092140 TC805.C6 1972
Mechanized ramified sprinkler irrigation installations with flexible pipelines. (Fre) Natchkov, G *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 3: 28.1.59-28.1.68. 1972

092141 TC805.C6 1972
Use of synthetic materials in irrigation & drainage by Bureau of Reclamation. [United states]. Hilf, J W *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 3: 28.1.69-28.1.96. 1972

092142 TC805.C6 1972
Application of automatic facilities in operation & maintenance of irrigation & drainage systems. Starosolszky, O *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: r.28.2.1-R.28.2.22 1972

092143 TC805.C6 1972
Automatic control of canals. [Irrigation]. Clark, J F F *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.1-28.2.14 1972

092144 TC805.C6 1972
Remote control operation of large irrigation structures. Schild, N W *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.111-28.2.129. Map. 1972

092145 TC805.C6 1972
Installations for radio frequency control in irrigation & drainage systems. (Fre) Biandov, G *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.131-28.2.139. Eng. Sum. 1972

092146 TC805.C6 1972
Automatic control of storage irrigation systems with steep canal bed slopes. Strahilov, E *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.155-28.2.163. 1972

092147 TC805.C6 1972
New design for fair irrigation water distribution by field outlets. Eldarwish, A A *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.-165-28.2.185. 1972

092148 TC805.C6 1972
Automation of water distribution in existing irrigation systems. Houbchev, V *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.-187-28.2.195. 1972

092149 TC805.C6 1972
Application of unsteady flow analysis to operation decisions in long aqueducts. [Irrigation]. O'Loughlin, E M *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.207-28.2.223. 1972

092150 TC805.C6 1972
Feasibility of mechanization in execution of tile drainage in u. A. R. Nicola, F *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.-225-28.2.240. Map. 1972

092151 TC805.C6 1972
Complex automation of irrigation & reclamation systems in Soviet Union. (Fre) Barkan, I L *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.241-28.2.257. Eng. Sum. 1972

092152 TC805.C6 1972
Results from analysis of various hydraulic automatic control devices for constant discharge flow in open irrigation canals. Nikolov, S *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.259-28.2.272. 1972

092153 TC805.C6 1972
El Vizcaino Project. [Irrigation, Mexico]. Ortiz Gonzalez, A *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.273-28.2.291. Map. 1972

092154 TC805.C6 1972
Automatic control of farm channels. [Irrigation]. Robinson, E P *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.293-28.2.296. 1972

092155 TC805.C6 1972
Operation & maintenance of automatically controlled pumping plants providing pressure for large-scale sprinkler irrigation systems. Ridinger, R D *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.313-28.2.326. Map. 1972

092156 TC805.C6 1972
Automated pipe distribution systems. Haise, H R *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.327-28.2.339. 1972

092157 TC805.C6 1972
Remote electronic control-a prerequisite for efficient irrigation operations. Shipley, H *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.341-28.2.362. Map. 1972

092158 TC805.C6 1972
Automatic downstream control of canal check gates by hydraulic filter level offset (HyFlo) method. Harder, J A *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.363-28.2.386. Map. Ref. 1972

092159 TC805.C6 1972
New schemes & automatic devices for field irrigation. (Fre) Chichkov, D *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.-37-28.2.52. Eng. Sum. 1972

092160 TC805.C6 1972
Multipurpose utilization of irrigation facilities & automation systems. Shina, K *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.-387-28.2.404. 1972

092161 TC805.C6 1972
Efficient maintenance of irrigation & drainage systems. Baitsch, B *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.405-28.2.419. 1972

092162 TC805.C6 1972
On seepage-water control facilities & its controlling methods in paddy fields of warm regions. [Rice, Japan]. Tanabe, K *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.-421-28.2.431. 1972

092163 TC805.C6 1972
Some notes on automatic regulators in small river systems. Van den Ende, A *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.-433-28.2.440. 1972

092164 TC805.C6 1972
An automatic irrigation system based on quantitative regulation of water amount. Gornat, B *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.441-28.2.451. 1972

092165 TC805.C6 1972
Economic comparison of different systems of canals regulation. [Irrigation]. (Fre) Bagneres, J *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.453-28.2.479. Eng. Sum. 1972

092166 TC805.C6 1972
Methods for comparison & selection of a technique for irrigation. (Fre) Bairaktarski, I *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.53-28.2.63. Eng. Sum. 1972

092167 TC805.C6 1972
A fixed system of sprinkler irrigation with sinking rods. (Fre) Kordovski, V *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.-65-28.2.75. Eng. Sum. 1972

092168 TC805.C6 1972
An automatic flow control for canals. Ditzler, P H *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.77-28.2.84. 1972

092169 TC805.C6 1972
Use of computers in scheduling irrigations. Franzoy, C E *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.85-28.2.96. 1972

092170 TC805.C6 1972
Experience in operation of automatic water level control structures in large irrigation canals. Gray, H R *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 4: 28.2.97-28.2.109. 1972

092171 TC805.C6 1972
Factors affecting river training, & flood plain regulation (including flood zoning). Douma, J H *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 5: G.29.1-g.29.5. 1972

092172 TC805.C6 1972
Proposition for a project for management of waters of river Arno. (Fre) Panicucci, M *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 5: 29.1.11-29.1.24. Map. Eng. Sum. 1972

092173 TC805.C6 1972
Flood control in North-Eastern Victoria. Drummond, I N *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 5: 29.1.117-29.1.124. 1972

092174 TC805.C6 1972
Factors affecting river training. [Flood control]. Mirtskhoulava, T E *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 5: 29.1.125-29.1.139. Ref. 1972

092175 TC805.C6 1972
Review of river training measures in India. [Flood control]. Naegamvala, J P *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 5: 29.1.-141-29.1.157. 1972

092176 TC805.C6 1972
Importance of river morphology in design of training works. [Flood control]. Charlton, F G *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 5: 29.1.159-29.1.172. Ref. 1972

092177 TC805.C6 1972
State of art of river training in Brahmaputra Valley. [Flood control]. Kumra, P N *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 5: 29.1.173-29.1.195. 1972

092178 TC805.C6 1972
Streamflow regulation by means of retention basins & their effect on river training. [Flood control]. Bellin, G *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 5: 29.1.-197-29.1.211. 1972

092179 TC805.C6 1972
Factors affecting regulation of watercourses. [Flood control]. Telczer, K *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 5: 29.1.-213-29.1.228. Ref. 1972

092180 TC805.C6 1972
Flood control facilities for improving passage of flood flow in river Main near Aschaffenburg. Bassler, F *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 5: 29.1.229-29.1.243. Map. 1972

092181 TC805.C6 1972
Factors that affect control of Papaloapan River. [Flood control]. Maza Alvarez, J A *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 5: 29.1.283-29.1.296. Map. 1972

092182 TC805.C6 1972
Some aspects of river training & flood control. Mosonyi, E *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 5: 29.1.297-29.1.312. Ref. 1972

092183 TC805.C6 1972
Assessment of investments for flood control measures relating to Basin of Orb (France). (Fre) Auffret, H *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 5: 29.1.341-29.1.354. Map. Eng. Sum. 1972

092184 TC805.C6 1972
Training of lower reaches of Mondego River. Neves, J B *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 5: 29.1.385-29.1.403. Map. 1972

092185 TC805.C6 1972
River training of lower Colorado River. [Flood control]. Freeland, S J *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 5: 29.1.459-29.1.474. Map. 1972

092186 TC805.C6 1972
Calculation of basic hydrological data as reflected in WMO [world Meteorological Organization] programme in operational hydrology. *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 5: 29.1.87-29.1.96. Ref. 1972

092187 TC805.C6 1972
Recent progress in theory of irrigation & drainage of swelling soils. Philip, J R *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 6: c.13-C.28. Ref. 1972

092188 TC805.C6 1972
An investigation of improvement into drainage in Japanese paddy fields with alluvial clayey soil. Tabuchi, T *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 6: c.73-C74. 1972

092189 TC805.C6 1972
Essential measures for introduction & development of irrigation & drainage schemes in developing countries; (a case study of two schemes in Ghan *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 6: c.97-C.104. 1972

092190 TC805.C6 1972
Water control of floodplain grasslands in Lithuanian Soviet Socialist Republic. Juskauskas, J A *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 6: c1-C11. 1972

092191 TC805.C6 1972
Water resources of Ghana & relevance of system planning to development. Krishnamurity, K *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 6: c29-C40. Map. 1972

092192 TC805.C6 1972
Proposed barrage at Kafr el-Zayyat on Roseita Branch of Nile & its rejection owing to its effect on subsoil water levels. Ahmed, E *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 6: c75-C96. Map. 1972

092193 TC805.C6 1972
Flood plain regulation (including flood zoning). Cochrane, N J *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 6: r.29.1-29.2.8 1972

092194 TC805.C6 1972
Waterway remodelling & flood-plain controls in Dandenong Valley. Mann, J N *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 6: 29.2.-17-29.2.26. Map. 1972

092195 TC805.C6 1972
Floodplain regulation in United Kingdom. Sterland, F K *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 6: 29.2.27-29.2.46. Map. 1972

092196 TC805.C6 1972
Factors affecting river training – flood plain regulation. Teichmann, H *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 6: 29.2.47-29.-2.62 1972

092197 TC805.C6 1972
River training in Victoria. [Flood control]. Olsen, P E *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 6: 29.2.9-29.2.16. Map. 1972

092198 TC805.C6 1972
Floodplain control under conditions particular to Hungary. Bogardi, I *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 6:29.2.63-29.-2.74. Map. Ref. 1972

092199 TC805.C6 1972
Factors affecting river training flood plain regulation. Linder, W *In Congress on Irrigation and Drainage, 8Th, Varna, 1972. Transactions* 6D 29.2.1-29.2.8 1972

092200 HC603.5.S5
Political economy of resource use: water. Musgrave, W F *In The Natural Resources of Australia* P. 165-181. Ref. 1972

092201 55.9 IN222C
Annual evaporation losses from large reservoirs. [India]. Venkataraman, S *India Cent Bd Irrig Power Irrig Power* 30 (1): 59-96. Map. Ref. Jan 1973

092202 22 IN283
Efficient water management for lower Bhawani crops. Ali, A M *Indian Farming* 22 (9): 13-15. Dec 1972

092203 22 IN283
A dual-purpose pond. [Drainage, water supply]. Narayana, V V D *Indian Farming* 22 (9): 9-11, 28. Dec 1972

092204 22 AG83I
Characterization of water-repellency in Indian soils. [Irrigation, rainfall]. Das, D K *Indian J Agr Sci* 42 (12): 1099-1102. Ref. Dec 1972

092205 292.48 IN2
Concept of water resources development. Naegamvala, J P *Indian J Power River Val Develop* 23 (1): 6-12. Jan 1973

092206 TD172.E55
A water quality index – crashing psychological barrier. Brown, R M *Indic Environ Qual* 1: 173-182. 1971 (Pub. 1972)

092207 16 IT1
Agronomic research on drainage on Sele plain. (Ita) Zerbi, G *Ital Agr* 110 (3): 361-374. Ref. Eng. Sum. Mar 1973

092208 S671.J62
Determination of hydraulic roughness in irrigation borders. Sharma, T C *J Agric Eng* 9 (2): 1-13. June 1972

092209 S671.J62
Appreciation of bed-load theories to sediment transport during overland flow. Singh, K N *J Agric Eng* 9 (2): 22-29. June 1972

092210 S671.J62
Comparison of infiltration measurement techniques. [Irrigation]. Ram, R S *J Agric Eng* 9 (2): 67-75. June 1972

092211 SB270.J6
Sprinkler irrigation for coffee. I. Studies on rainfall pattern & soil moisture. Awatramani, N A *J Coffee Res* 3 (1): 3-13. Jan 1973

092212 56.8 J822
Snowdrift management can increase water-harvesting yields. Saulmon, R W *J Soil Water Conserv* 28 (3): 118-121. May/June 1973

092213 56.8 J822
Forecasting runoff from universal surface gage snowmelt measurements. Cox, L M *J Soil Water Conserv* 28 (3): 131-134. May/June 1973

092214 99.8 J32
Drainage properties of reclaimed forests on hydromorphic mineral soils. (Lav) Aire, A *Jaunakais Mezsaimnieciba* 15: 61-69. Ref. 1973

092215 S7.L35
Soil classification for site evaluation of irrigation projects. (Ger) Jelinek, E *Landwirt Ausl* 7 (2): 26-30. Mar/Apr 1973

092216 58.8 M4623
Organization & execution of irrigation & spraying of soils of grape vineyards. (Rum) Costache, N *Mec Elec Agr* 18 (4): 51-56. Apr 1973

092217 292.9 M572
Concepts of regular rain & its application in programming of irrigations. (Spa) Nava Sanchez, S *Mex Dir Gen Dist Riego Mem Tec* 307, 102 P. Ref. July 1972

092218 S19.M6
Scope of sprinkler irrigation in India. Jain, B K S *Mod Agric* 3 (2): 33-35. Mar-/Apr 1972

092219 S19.M6
Nagarjunasagar project: Its irrigation & cropping strategy. Venkataratnam, L *Mod Agric* 3 (2): 77-78. Mar/Apr 1972

092220 275.29 M76FOL
Water measurement. Bowman, C C *Mont State Coll Ext Folder* 145: 9-10. Apr 1973

092221 275.29 M76NO
How to comply with provisions: Montana Water Use Act. Massman, C I *Mont State Univ Coll Agric Coop Ext Serv Now* 9 (3): 3-5. Spring 1973

092222 SD1.M6
Matera province between two floods. (Ita) Lopinto, M *Monti Boschi* 23 (6): 39-50. Map. Ref. Eng. Sum. Nov/Dec 1972

092223 TD201.N6
Water & wastewater management in dairy processing. Carawan, R E *N C Univ Water Resour Res Inst Rep* 79, 132 P. Ref. Dec 1972

092224 HD1698.N4N4
Water resources of Hawkesbury Valley including Tuggerah lakes & Lake Macquarie systems. *N S W Water Conserv Irrig Comm Surv 32 N S W River Val Rep* 25, 187 P. Maps. Jan 1973

092225 290.9 AG8
Studies on interpretation of water surface conditions in arable land by aerial photograph: a case of paddy field after harvested. (Jap) Hong, S H *Nogyo Doboku Gakkai Trans* 43: 19-25. Eng. Sum. Jan 1973

092226 290.9 AG8
Analysis of low-stream flow by statistical unit hydrograph. I. Fundamental studies for determination unit hydrograph by weighted lease square minimum method. (Jap) Maruyama, T *Nogyo Doboku Gakkai Trans* 43: 33-38. Ref. Eng. Sum. Jan 1973

092227 290.9 AG8
Analysis of low-stream flow by statistical unit hydrograph. II. Application of unit hydrography method by weighted least square minimum method for test field. (Jap) Maruyama, T *Nogyo Doboku Gakkai Trans* 43: 39-45. Eng. Sum. Jan 1973

092228 RA421.N8
Taste & odor of water to be used for drinking. I. Origin & significance. (Ita) D'arca, S U *Nuovi Ann Ig Microbiol* 23 (4): 195-232. Ref. Eng. Sum. July/Aug 1972

092229 RA421.N8
With time passing of saprophytic flora in mineral waters: comparison of glass containers to plastic ones. (Ita) Del Vecchio, V *Nuovi Ann Ig Microbiol* 23 (4): 257-277. Ref. Eng. Sum. July/Aug 1972

092230 GB651.O3
Main works of hydrological service of Office of Oversea Scientific & Technical Research. (Fre) Jarre, P *Off Rech Sci Tech Outre-Mer, Paris. Cah ORstom Ser Hydrol* 9 (4): 53-60. Ref. Eng. Sum. 1972

092231 GB651.O3
Nitrogen & phosphorous in rain water at Fort-Lamy (1970). (Fre) Lemoalle, M *Off Rech Sci Tech Outre-Mer, Paris. Cah ORstom Ser Hydrol* 9 (4): 61-63. Eng. Sum. 1972

092232 100 OR3M
An analysis of water resource productivity & efficiency of use in Pacific Northwest agriculture. Holloway, M L *Oreg Agr Exp Sta Spec Rep* 383, 56 P. Map. Ref. May 1973

092233 81 OR32
Drip irrigation for horticultural crops; orchard weed control. Marsh, A W *Oreg Hort Soc (proc)* 64: 90-94. 1973

092234 99.8 P17
Pattern of free water evaporation at Peshawar. [Pakistan]. Masrur, A *Pakistan J Forest* 22 (4): 417-435. Ref. Oct 1972

092235 99.8 P17
Drip irrigation a new method of irrigation developed at Pakistan Forest Institute, Peshawar. Sheikh, M I *Pakistan J Forest* 22(4): 446-447, 449-462. Oct 1972

092236 57.8 P34
On evaluating reclamation status of irrigated lands according to data on salinity. (Rus) Sokolovskii, S P *Pochvovedenie* 5: 72-81. May 1973

092237 57.8 P34
Groundwater system in sandy soils of arid regions. (Rus) Voronkov, N A *Pochvovedenie* 5: 82-92. Ref. Eng. Sum. May 1973

092238 21 R862
Some aspects of irrigation work exploitation in U.S.A. (Rum) Canarache, A *Probl Agr (bucharest)* 25 (2): 72-75. Feb 1973

092239 81 W524
Trickle irrigation, its potential for peaches. Kenworthy, A L *Proc Annu Conv Natl Peach Counc* 32D: 97-103. 1973

092240 TA5.I5
Usefulness of organic carbon parameters in water quality investigations. Malcolm, R L *Proc Annu Tech Meet Inst Environ Sci* 19Th: 336-340. 1973

092241 TA5.I5
A computerized information system relating to Arizona's water resources. Foster, K E *Proc Annu Tech Meet Inst Environ Sci* 19Th: 341-344. Ref. 1973

092242 TP1.P7
Pyrogens & pyrogen-free water. Ridgway, K *Process Biochem* 8 (7): 9-12. Ref. July 1973

092243 SB13.P8
Studies on irrigation of grape (Vitis vinifera) variety Anab-e-Shahi. Nijjar, G S *Punjab Hortic J* 12 (4): 218-227. Ref. Oct/Dec 1972

092244 99.8 R327
On high-flood discharge attenuation by torrent training dams. (Rum) Gaspar, R *Rev Padurilor* 88 (1): 28-33. Eng. Sum. Jan 1973

092245 59.8 R36
Good irrigation management saves rice farm water, money. Goodwin, J C *Rice J* 76 (5): 12-15. May 1973

092246 515 SO84
Survey of rain run-off harvesting. Hellwig, D H R *S Afr J Sci* 69 (3): 77-78. Ref. Mar 1973

092247 21 P75
Studying of possibilities of decreasing of number of maize irrigations by increasing of moisture reserve in soil at beginning of vegetation season. (Cro) Dragovic, S *Savremena Poljoprivreda* 20 (11/12): 41-48. Eng. Sum. 1972

092248 21 P75
Agricultural production in zone of Danube; water retention caused by power plant Djerdap in period 1968 – 1971. [Groundwater, Yugoslavia]. (Cro) Tosovic, S *Savremena Poljoprivreda* 20 (11/12): 75-82. Eng. Sum. 1972

092249 21 P75
Soil & soil water properties of Tavankut basin from point of view of irrigation. [Yugoslavia]. (Cro) Vajdic, T *Savremena Poljoprivreda* 20 (11/12): 83-100. Eng. Sum. 1972

092250 9.6 SU7
Drainage requirements for bananas in young coastal plain. (Dut) Lenselink, K J *Surinaamse Landbouw* 20 (3): 22-36. Eng. Sum. 1972

092251 385 SV22
Sedimentation – technology & progress. [Water analysis]. (Swe) Hjort, J *Svensk Kem Tidskr* 85 (5): 46-48. May 1973

092252 11 T439
Sprinkler irrigation of tulips, 1956/1970. (Dan) Rasmussen, E *Tidsskr Planteavl* 77 (2): 184-190. Eng. Sum. 1973

092253 SB111.A2T72
Corrugation irrigation. (Ger) Wolff, P *Tropenlandwirt* 74: 8-16. Eng. Sum. Apr 1973

092254 1 AG84M
Evapotranspiration & watershed research as related to riparian & phreatophyte management. Horton, J S *U S D A Misc Publ* 1234, 192 P. Ref. Jan 1973

092255 407 G29W
Generalization of stream-temperature data in Washington. [Water-quality control]. Collings, M R *U S Geol Surv Water-supply Paper* 2029, b1-B45. Ref. 1973

092256 TN7.U5
Case studies of desalted water for irrigation. *U S Off Saline Water Res Develop Progr Rep* 785, 267 P. Mar 1972

092257 442.8 UZ1
Growth & yield of vineyards with various methods of irrigation. (Rus) Nasimov, A N *Uz Biol Zhur* 1: 17-19. Ref. 1972

092258 290.9 H89
Flood forecasting model for Altaler catchment. [Hungary]. (Hun) Salamin, A *Vizugyi Kozlem* 1: 105-118. Map. Eng. Sum. 1973

092259 290.9 H89
Twenty years of scientific research on water management. [Hungary]. (Hun) Ihrig, D *Vizugyi Kozlem* 1: 119-121. Eng. Sum. 1973

092260 290.9 H89
Forecasting flood hydrographs on danube by means of passage theory. (Hun) Csoma, J *Vizugyi Kozlem* 1: 3-27. Ref. Eng. Sum. 1973

092261 290.9 H89
Considerations on long-range planning of regional water supply systems. (Hun) Varga, J *Vizugyi Kozlem* 1: 63-104. Eng. Sum. 1973

092262 20 AK1
Distribution of averaged longitudinal flow rate according to depth of current of Amu-Darya River. [Irrigation]. (Rus) Mukhamedov, A M *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 5: 41-44. May 1973

092263 20 AK1
Calculating total evaporation for study of irrigation conditions on saline lands. (Rus) Vanichkina, S I *Vses Akad Sel'skokhoz Nauk V I Lenina Dokl* 5: 44-45. May 1973

092264 105.2 V61V
Linear analysis of a physically based model of a distributed surface runoff system. [Rainfall]. Nes, T J Van de *Wageningen Cent Landouwpubl Landbou Verslag Landbouwkund Ore* 799, 104 P. Map. Ref. 1973

092265 293.8 SE8
Water reclamation & reuse. Keinath, T M *Water Pollut Contr Fed J* 45 (6): 1098-1100. Ref. June 1973

092266 293.8 SE8
Solid waste & water quality. Heidman, J A *Water Pollut Contr Fed J* 45 (6): 1198-1202. Ref. June 1973

092267 293.8 SE8
Microbiology of water. Geldreich, E E *Water Pollut Contr Fed J* 45 (6): 1244-1259. Ref. June 1973

092268 293.8 SE8
Water characteristics. Ghosh, M M *Water Pollut Contr Fed J* 45 (6): 986-995. Ref. June 1973

092269 292.9 W296R
Recreational use of inland waters in Victoria. Lewis, G *Water Res Found Australia Rep* 37: 2.1-2.11. Aug 1972

092270 TD420.W3
Hazards associated with use of chlorinated oxidation pond effluents for irrigation. Kott, Y *Water Res* 7 (6): 853-862. Ref. June 1973

092271 292.9 AM34
On large diversions from Northwest; normal & high-flow years. [Water conservation]. Dutton, R D *Water Resour Bull* 9 (2): 231-242. Apr 1973

092272 292.9 AM34
Linear programming use for evaluating water resources & cost & benefit allocation. Andrews, R A *Water Resour Bull* 9 (2): 258-272. Apr 1973

092273 292.9 AM34
Waterlaw & hydrologic cycle: a Texas example. Templer, O W *Water Resour Bull* 9 (2): 273-283. Ref. Apr 1973

092274 292.9 AM34
A predictive model for upper Rio Grande index flows. [Water use]. Qazi, A R *Water Resour Bull* 9 (2): 284-290. Apr 1973

092275 292.9 AM34
Development of design storm hyetographs for Cincinnati, Ohio. [Runoff hydrographs]. Preul, H C *Water Resour Bull* 9 (2): 291-300. Apr 1973

092276 292.9 AM34
Influence of agricultural practices on water quality in Nebraska: a survey of streams, groundwater, & precipitation. Olson, R A *Water Resour Bull* 9 (2): 301-311. Ref. Apr 1973

092277 292.9 AM34
Precise water velocity measurements using photogrammetric techniques. Wolf, P R *Water Resour Bull* 9 (2): 312-319. Apr 1973

092278 292.9 AM34
An on-site hydrologic data recording system. Chadwick, D G *Water Resour Bull* 9 (2): 328-337. Apr 1973

092279 292.9 AM34
Constraints in water management on agricultural lands. Radosevich, G E *Water Resour Bull* 9 (2): 353-359. Apr 1973

092280 292.9 AM34
Stream baseflow prediction by convolution of antecedent rainfall effects. Aron, G *Water Resour Bull* 9 (2): 360-365. Apr 1973

092281 292.9 AM34
Water resources programs of U.S. Geological Survey. Radlinski, W A *Water Resour Bull* 9 (2): 366-371. Apr 1973

092282 292.9 AM34
Changing attitudes in water resources development in Province of Manitoba. Mudry, N *Water Resour Bull* 9 (3): 607-612. June 1973

092283 TD201.W38
Potable water for Nigeria – it wasn't easy. Cunningham, J H *Water Wastes Eng* 10 (7): 36-38, 47. Map. July 1973

092284 TD201.W38
Water men given a 'hard Times'. [Water quality, United States]. Heckroth, C W *Water Wastes Eng* 10 (7): 39-42, 44-46. July 1973

092285 95.8 C122
Sprinkler irrigation & why Mendocino likes it. Bearden, B E *Wines Vines* 54 (7): 15-16. July 1973

092286 S605.A1Z4
To hydrology of 'Deutsche Sandmischkulturen' (deep ploughing cultures). (Ger) Eggelsmann, R *Z Kulturtech Flurbereinig* 14 (3): 168-177. Eng. Sum. May/June 1973

092287 S605.A1Z4
To problems of hydrologic function of peat land in mountains areas. (Ger) Ferda, J *Z Kulturtech Flurbereinig* 14 (3): 178-189. Ref. Eng. Sum. May/June 1973

092288 QR1.Z4
Presences of desulfurizing bacteria in mineral water. (Ger) Svorcova, L *Zeitsch Allg Mikrobiol* 13 (2): 173-176. 1973

GENERAL NATURAL RESOURCES AND ENVIRONMENTAL POLLUTION

092289 S13.A2
Spectrometric determination of microgram amounts of arsenic with brilliant green. [Pollution]. Galba, J *Acta Fytotechnica* 25: 25-34. Ref. 1972

092290 409.6 AC8
Occurrence of heterotropic bacteria in waters of Ilawa Lakes & some of their physiological & biochemical properties. [Water pollution]. (Pol) Niewolak, D *Acta Hydrobiol* 14 (4): 331-351. Map. Ref. Eng. Sum. 1972

092291 409.6 AC8
Chemical changes in water & accumulation stratum of soils in ponds fertilized with beet-sugar factory wastes. [Phytoplankton]. (Pol) Lewkowicz, S *Acta Hydrobiol* 15 (1): 1-49. Ref. 1973

092292 409.6 AC8
Plankton of ponds enriched with wastes from beet sugar factories. [Poland]. Kyselowa, K *Acta Hydrobiol* 15 (1): 51-87. Ref. 1973

092293 19 B855
Modern harvesting of alfalfa & decrease of toxicity danger in biosphere. (Hun) Manninger, G A *Agrartud Kozl* 31 (2): 173-176. 1972

092294 S1.A29
Best nutrition reservoir for plants. [Waste utilization]. (Fre) Millette, G F *Agric Prog* 5 (4): 10-11. May 1973

092295 1.98 AG84
Keeping cotton wastes from air. *Agric Res* 21 (12): 8-9. June 1973

092296 14 AG823
Skylab project. [Natural resources, agriculture]. (Fre) Girard, C M *Agric Rev Men Tech Econ* 365: 135-136. May 1973

092297 A31.3 AG893
Humanizing earth. [Nature conservation]. Dubos, R J *Agric Sci Rev* 10 (4): 29-34. 1972

092298 SF521.A4
Landscape management today. (Ger) Barnard, E *Allg Dtsch Imkerztg* 6 (7): 170-172, 174. July 19, 1972

092299 389.79 AM32
Potential impact of 1972 water pollution control bill on animal feeding industry. Bernard, H *Amer Feed Manufacturers Ass Nutr Counc Proc* 32: 45-47. 1972

092300 303.9 AM32
Water quality aspects of tannery effluents disposal. Ludvik, J *Amer Leather Chem Ass J* 68 (7): 283-295. July 1973

092301 49 C43
Introduction to control measures for livestock excreta pollution. 2. (Jap) Honda, A *Anim Husb (tokyo)* 27 (5): 79-82. May 1973

092302 49 C43
Introduction to control measures for livestock excreta pollution. 3. Effect of animal husbandry on environment. (Jap) Honda, A *Anim Husb (tokyo)* 27 (6): 85-88. June 1973

092303 14 F8499AN
Laboratory study on treatment of wine distillery wastes by activated carbon & by lime. (Fre) Mourgues, J *Ann Technol Agr* 21 (2): 183-198 ref. Eng. Sum. 1972

092304 421 AN9
Exampled partially resolved environmental protection: new decree for protection of bees. (Ger) Leib, E *Anz Schadlingsk Pflanzenschutz* 46 (5): 74-75. Eng. Sum. May 1973

092305 241.4 AP5
Air pollution in pulp & paper industry. Weiner, J *Appleton (Wis) Inst Pap Chem Bibliogr Ser* 237 (Suppl. 2), 101 P. 1973

092306 99.8 AR14
Environmental effects of herbicides. Carvell, K L *Arborist's News* 38 (7): 121-124. July 1973

092307 449.8 AR2
Elimination of Salmonellae by biological treatment of waste-water. (Ger) Popp, L *Arch Hyg Bakteriol* 157 (2/3): 184-195. Ref. Eng. Sum. 1973

092308 449.8 AR2
Problem of quantitative determination of airborne microorganisms in air conditioning systems as found in a laboratory animal unit for researchbuilt on barrier system. (Ger) Reckzeh, G *Arch Hyg Bakteriol* 157 (2/3): 227-256. Ref. Eng. Sum. 1973

092309 449.8 AR2
Protection of environment attempt of a critical condiseration. (Ger) Mose, J R *Arch Hyg Bakteriol* 157 (2/3): 95-101. 1973

092310 413.8 W86
Preservation of ecosystems: A status report. Jenkins, R E *Atlantic Natur* 28 (2): 44-50. Summer 1973

092311 18 B329
Land protection is beneficial to free-living animals. (Ger) Tonnies, G *Bauernblatt Schleswig Holstein, Schleswig Holsteinischen Lan Dpost* 27 (22): 1942-1943. June 2, 1973

092312 508 B45
Activities of nature protection in Bern Canton, 1971. (Ger) Schmalz, K L *Bern Naturforsch Ges Mitt* (New Ser.) 29: 65-90. Map. Oct 1972

092313 410 B52
Outline of plankton composition of a channel affected by industrial pollution: Channel of Seclin. (Fre) Angeli, N *Biol Jaarb* 40: 77-115. Map. Ref. Eng. Sum. 1972

092314 279.8 B61
Bavarian green conscience; 60 years of nature protection activity. (Ger) Steinhauser, A *Bl Nat Umweltschutz* 53 (2): 33-41. Ref. Apr 1972

092315 279.8 B61
Sixty years of Federal nature protection. (Ger) Lense, F *Bl Nat Umweltschutz* 53 (2): 42-44. Apr 1973

092316 279.8 B61
From economy to ecology in agrarian policy. (Ger) Weinzierl, H *Bl Nat Umweltschutz* 53 (2): 45-48. Apr 1973

092317 14 P215BC
Keeping of man in rural environment & keeping of rural environment for man: On a recent colloquium. (Fre) Severac, M G *C R Seances Acad Agric Fr* 58 (18): 1488-1499. Dec 20, 1972

092318 100 C12S (1)
Nitrates in Upper Santa Ana River Basin in relation to groundwa Adriano, D C *Calif Agr Exp Sta Bull* 861, 59 P. Map. Ref. May 1973

092319 292.9 C1282
Trace element effects upon municipal, industrial, & agricultural waste waters. Bradford, G R *Calif Univ Water Resources Center Rep* 25: 47-49. Jan 1973

092320 410.9 OT8
Effect of herbicide-induced changes in vegetation on nesting ducks. Dwernychuk, L W *Can Field' Natur* 87 (2): 155-165. Ref. Apr/June 1973

092321 442.9 C16J
Uptake of mercury by caged rainbow trout (Salmo gairdneri) in South Saskatchewan River. [Water pollution]. Uthe, J F *Can Fish Res Bd J* 30 (5): 643-650. Maps. Ref. May 1973

092322 382 M31C
Slow releasing nitrogen fertiliser from waste product, lignin sulphonates. Flaig, W *Chem Indus (london)* 12: 553-554. June 16, 1973

092323 384 C4283
Development & uses of plant protection & pest control agents with respect to protection of environment. (Ger) Kramer, W *Chem Tech (berlin)* 25 (7): 420-422. July 1973

092324 385 C42
Pollution of surface & ground water. (Dut) Houten, J G *Chem Weekbl* 69 (23): 9-11. Ref. June 8, 1973

092325 383 C42
Environmental protection: A challenge for chemical engineering. Behrens, D *Chim Indus – genie Chim* 106 (11): 747-758. May/June 1973

092326 57.8 C734
An algal regenerative system for single-family farms & villages. [Waste treatment]. Golueke, C G *Compost Sci* 14 (3): 12-15. May/June 1973

092327 57.8 C734
Solid waste survey of an academic institution. Ryan, J C *Compost Sci* 14 (3): 28-32. Ref. May/June 1973

092328 80 C83
Showing townsmen round farm. *Country Life (london)* 154 (3964): 1736-1737. June 14, 1973

092329 QH545.A1C7
Potential for ground water pollution from land disposal of solid wastes. Zanoni, A E *CRc Crit Rev Environ Control* 3 (3): 225-260. Ref. 1973

092330 QH545.A1C7
Critical review of literature on solid waste management. Golueke, C G *CRc Crit Rev Environ Control* 3 (3): 261-301. Ref. 1973

092331 QH545.A1C7
Mercury: environmental considerations. I. Krenkel, P A *CRc Crit Rev Environ Control* 3 (3): 303-373. Map. Ref. 1973

092332 44.8 D1427
Reducing pollution of dairy effluents. Bengtsson, G *Dairy Indus* 38 (5): 217-218, 222-223. May 1973

092333 44.8 D1427
Dairy wastes & environment. Mann, E J *Dairy Indus* 38 (5): 223-224. Ref. May 1973

092334 44.8 D1427
Environmental control within European Community. Anderson, D *Dairy Indus* 38 (5): 225, 228-229. May 1973

092335 QD1.D3
Environmental protection in 1973. (Dan) Hartig, E *Dansk Kemi* 54 (1): 3-4. Jan 1973

092336 TP415.D4
Studies on treatment of wastewater from food plants with activated carbons. III. Efficiency test of granular activated carbons in parallel columns. [Corn starch, beans]. (Jap) Sugimoto, M *Denpun Kagaku (j Jap Soc Starch Sci)* 20 (2): 64-69. Eng. Sum. 1973

092337 TP415.D4
Studies on treatment of wastewater from food plants with activated carbons. IV. Comparative studies on efficiency of granular activated carbons. (Jap) Sugimoto, M *Denpun Kagaku (j Jap Soc Starch Sci)* 20 (2): 70-75. Ref. Eng. Sum. 1973

092338 512 W263B
Elimination of mineral nitrogen compounds from wastes with help of lower plants. [Algae]. (Pol) Wrobel, S *Ekol Pol Ser B* 18 (2): 179-190. Ref. Eng. Sum. 1972

092339 512 W263B
Eutrophication of dam reservoir at Lubachow & possibilities of inhibiting this process. (Pol) Solski, A *Ekol Pol Ser B* 18 (2): 191-202. Ref. Eng. Sum. 1972

092340 TD172.E52
Growth & toxicity tests on marine nanoplanktonic alga Platymonas Tetrathele G. S. West in presence of crude oil & emulsifiers. Momaerts-Billiet, F *Environ Pollut* 4 (4): 261-282. Ref. June 1973

092341 TD172.E52
Tubificids & water quality: a review. Aston, R J *Environ Pollut* 5 (1): 1-10. Ref. July 1973

092342 TD172.E52
Dispersion & transport of rhodamine B dye & methoxychlor in running water: a preliminary study. Wallace, R R *Environ Pollut* 5 (1): 11-18. Ref. July 1973

092343 TD172.E52
Polluted snow in southern Norway & effect of meltwater on freshwater & aquatic organisms. Hagen, A *Environ Pollut* 5 (1): 45-57. Map. Ref. July 1973

092344 99.8 ER22
Nature protection in county of Bacs-Kiskun. (Hun) Toth, K *Erdo* 22 (5): 227-232. May 1973

092345 105.8 G36E
Recent, environment protecting methods of pest control in agriculture & forestry. [Insect control]. (Ger) Schmutterer, H *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 58-66. 1972

092346 105.8 G36E
Biological bases of environment protection. (Ger) Knoll, K H *Ergeb Landwirtsch Forsch Justus Liebig Univ* 12: 7-14. 1972

092347 389.8 F737
Treats huge flowrates. [Food industry, industrial wastes]. Henke, D E *Food Eng* 45 (6): 70-71. June 1973

092348 389.8 F737
Overcomes phosphate problem. [Dairy industry]. McCombs, W H *Food Eng* 45 (6): 72-73. June 1973

092349 389.8 F737
Design for disposal in food packaging. Sacharow, S *Food Eng* 45 (6): 82-84. June 1973

092350 TS2120.F66
Pollution: actual political or hysterical? Ulich, W *Food& BeverageGrain Ind Plants* 38 (6): 14-17. June 27, 1973

092351 99.8 F7724
'publicity work for nature protection & caring for land protection'. (Ger) Kopp, H *Forst-holzwirt* 28 (9): 161-162. May 10, 1973

092352 99.8 F7794
Rational landscape protection of non cultivated grassland areas. (Ger) Olberg, R *Forsttech Inform* 25 (3): 20-24. Mar 1973

092353 100 F92
Soil recycles carbon monoxide. Heichel, G H *Frontiers Plant Sci (Conn Sta)* 25 (2): 4-5, 7. May 1973

092354 SB614.H9
Pesticides in aquatic environment, 1972. Schouboe, P J *Hyacinth Control J* 11: 7-9. June 1973

092355 275.29 IL62C
Livestock waste managment in a quality environment. Allen, A A *Ill Univ Ext Circ* 1074, 14 P. Ref. Mar 1973

092356 HC641.D3
Public works schemes & environmental conservation in Tasmania. *In Damania, The Hydro-Electric Commission, The Environment in Tasmania* P. 23-40. 1972

092357 HC641.D3
Wilderness conservation & generation of electric power in Tasmania. Davidson, B *In Damania, The Hydro-Electric Commission, The Environment in Tasmania* P. 72-101. 1972

092358 GF3.I37 1971
World's soils & human activity. Kovda, V A *In International Conference on Environmental Future, 1St, J Yvaskyla, Finland, 1971. The Environmental Future* P. 359-393. Ref. 1971

092359 GF3.I37 1971
Unwise use of chemicals other than pesticides. [Polychlorinated biphenyls, fertilizers, pollution]. Mellanby, K *In International Conference on Environmental Future, 1St, J Yvaskyla, Finland, 1971. The Environmental Future* P. 335-355. Ref. 1971

092360 GF3.I37 1971
Effects of insecticides. [Environment]. Wurster, C F *In International Conference on Environmental Future, 1St, J Yvaskyla, Finland, 1971. The Environmental Future* P. 294-331. Ref. 1971

092361 GF3.I37 1971
Problems & requirements in environmental documentation. Munetic, T *In International Conference on Environmental Future, 1St, J Yvaskyla, Finland, 1971. The Environmental Future* P. 609-612. 1971

092362 GF3.I37 1971
Sustained biological productivity. [Natural resource conservation]. Worthington, E B *In International Conference on Environmental Future, 1St, J Yvaskyla, Finland, 1971. The Environmental Future* P. 397-421. 1971

092363 QK575.R9K84
Use of protococcal algae in purifying waste waters of Fergana-Margilan Industrial Network. (Rus) Muzafarov, A M *In Kul'tivirovanie Vodoroslei i Vysshikh Vodnykh Rastenii V Uzbekistane* P. 67-71. 1972

092364 HC603.5.S5
Appraisal of Australian land resources. Mabbutt, J A *In The Natural Resources of Australia* P. 115-142. Ref. 1972

092365 HC603.5.S5
Goals for resource management. Downes, R Q *In The Natural Resources of Australia* P. 19-31. 1972

092366 HC603.5.S5
Foreign investment in Australia's natural resources. Johns, B L *In The Natural Resources of Australia* P. 286-307. 1972

092367 HC603.5.S5
Problems of resource management. Sinden, J A *In The Natural Resources of Australia* P. 3-16. 1972

092368 HC603.5.S5
Conservation as a goal. [Natural resources]. Strom, A A *In The Natural Resources of Australia* P. 52-66. 1972

092369 HC603.5.S5
Natural resources of Australia. McCay, F L *In The Natural Resources of Australia* P. 69-114. Map. 1972

092370 22 IN283
Fertilizers & environmental pollution; Indian case analysed. Kanwar, J S *Indian Farming* 22 (9): 5-7, 19. Dec 1972

092371 TD172.E55
Indicators of environmental quality: an overview. Thomas, W A *Indic Environ Qual* 1: 1-5. Ref. 1971 (Pub. 1972)

092372 TD172.E55
Plants as incicators of air quality. [Pollution, plant injuries]. Brandt, C S *Indic Environ Qual* 1: 101-107. Ref. 1971 (Pub. 1972)

092373 TD172.E55
Biochemical indicators of environmental pollution. Goldstein, G *Indic Environ Qual* 1: 109-131. Ref. 1971 (Pub. 1972)

092374 TD172.E55
Uses of environmental indices in policy formulation. MacDonald, G J F *Indic Environ Qual* 1: 15-21. 1971 (Pub. 1972)

092375 TD172.E55
Environmental indices for radioactivity releases. Rohwer, P S *Indic Environ Qual* 1: 249-255. 1971 (Pub. 1972)

092376 TD172.E55
Uncommunicative scientist: obligation of scientists to explain environment to public. Hackes, P *Indic Environ Qual* 1: 31-41. 1971 (Pub. 1972)

092377 TD172.E55
Evaluation of natural environments. Murie, M *Indic Environ Qual* 1: 43-53. Ref. 1971 (Pub. 1972)

092378 TD172.E55
Why environmental quality indices? Kimball, T L *Indic Environ Qual* 1: 7-14. 1971 (Pub. 1972)

092379 TD172.E55
Establishing priorities among environmental stresses. Reiquam, H *Indic Environ Qual* 1: 71-82. Ref. 1971 (Pub. 1972)

092380 TD172.E55
Pollutant burdens in hujans: a measure of environmental quality. Finklea, J H *Indic Environ Qual* 1: 83-91. Ref. 1971 (Pub. 1972)

092381 TD172.E55
Aquatic communities as indices of pollution. Patrick, R *Indic Environ Qual* 1: 93-100. Ref. 1971 (Pub. 1972)

092382 HD9000.1.I52
Big breeding & pollution. (Ita) Picchioni, L *Indus Aliment (pinerolo)* 12 (93): 112-113. Mar 1973

092383 HD9000.1.I52
Problem of treatment of slaughtering wastes. (Ita) Ugolini, F *Indus Aliment (pinerolo)* 12 (93): 96-101. Mar 1973

092384 389.8 IN23
Determination of chemical demand of oxygen by industrial wastes; comparison of various methods proposed with particular reference to substances contained in some discharges from food processing p (Ita) Leoni, C *Indus Conserve* 48 (1): 19-23. Ref. Eng. Sum. Jan/Mar 1973

092385 464.8 IN3
Pesticides: pollution of environment & foods within frame of development of human society. (Ita) Bergami, G *Inform Fitopatol* 23 (1/2): 7-8. Jan/Feb 1973

092386 49 IN3
Processing of swine waste. (Ita) Wilmore, R M *Inform Zootec* 20 (8): 10-12. Apr 21, 1973

092387 340.8 IN8
Air pollution, its causes, biological effects on plants, animals & man & possible means of prevention. Symon, K *Int J Biometeorol* 5 (2): 63-69. 1972

092388 99.8 IT12
Protection of environment & care of agriculture. (Ita) Agostini, R *Ital Forest Mont* 27 (6): 220-227. Ref. Nov/Dec 1972

092389 410 J828
Land reclamation & river pollution problems in Croal Valley caused by waste from chromate manufacture. Breeze, V G *J Appl Ecol* 10 (2): 513-525. Ref. Aug 1973

092390 390.09 F38
Studies on utilization of waste water from brewing & fermentation industries. (Jap) Imada, K *J Ferment Assoc (jap)* 30 (9): 6-24. Ref. Sept 1972

092391 389.8 F7322
Mercury in food: a scientific status summary by Institute of Food Technologists' Expert Panel on Food Safety & Nutrition. *J Food Sci* 38 (4): 729-733. Ref. May/June 1973

092392 44.8 J824
Solids-liquid separation: an important step in recycling of dairy cow wastes. Dale, A C *J Milk Food Technol* 36 (5): 289-295. May 1973

092393 56.8 J822
A rationale for preserving natural areas. Dasmann, R F *J Soil Water Conserv* 28 (3): 114-117. May/June 1973

092394 18 L2353
Treatment of animal wastes in North America. (Ger) Thaer, R *Landbauforsch Volkenrode* 22 (2): 99-108. Ref. Eng. Sum. Dec 1973

092395 105.2 OR3
Ecology & agriculture. (Dut) Soet, F de *Landbouwkundig Tijdschr* 85 (4): 105-109. Apr 1973

092396 105.2 OR3
A comment on Lugt & Goodijk's article: Man & beast & bio-industry. (Dut) Hoogerkamp, D *Landbouwkundig Tijdschr* 85 (5): 164. May 1973

092397 11 L234
Increased interest in settling fertilizer argument. [Pollution]. (Swe) Ericsson, J *Lantmannen* 84 (2): 6-7. Feb 2, 1973

092398 100 M28S (1)
Fertility content of fluid manure from maine dairy farms. McKenna, J R *Maine Life Sci Agr Exp Sta Bull* 703, 16 P. Ref. Jan 1973

092399 19 M577
Waste, environment protection & food production. (Hun) Fabinyi, R *Mezogazdasagi Vilagirodalom* 15 (2): 160-161. 1973

092400 16 M583
Scientific research on contamination of environment by pesticides; contribution to study of this problem. (Ita) Bazzi, B *Milan Ist Ric Agr Contrib* 11: 37-42. Ref. Eng. Sum. 1970/1971 (Pub. Dec. 1972)

092401 16 M583
Useful criteria for limitation of adverse effects produced in a natural environment as a result of application of agricultural insecticides. (Ita) Antongiovanni, E *Milan Ist Ric Agr Contrib* 11: 43-46L rng. Sum. 1970/1971 (Pub. Dec. 1972)

092402 TD201.N6
Water & wastewater management in dairy processing. Carawan, R E *N C Univ Water Resour Res Inst Rep* 79, 132 P. Ref. Dec 1972

092403 335.9 N485
Jet-aero-mix system – an alternative for aeration in oxidation ditch. [Waste treatment]. Wong-Chong, G M *N Y Farm Elec Counc Progr Rep* 30Th: 38-49. May 31, 1973

092404 HC79.E5N3
Water, land, & environment imperial valley: law caught in winds of politics. Taylor, P S *Nat Resour J* 13 (1): 1-35. Ref. Jan 1973

092405 QH5.N33
Nature conservation area Luneburger Heide. (Ger) Toepfer, A *Naturschutz-Naturparke* 68: 14-16. 1St Quarter 1973

092406 QH5.N33
Nature conservation & biological control of forest pests. (Ger) Jaeger, K *NaturschutzNaturparke* 68: 17-24. 1St Quarter 1973

092407 QH5.N33
Nature park Diemelsee – an example? (Ger) Konig, H *NaturschutzNaturparke* 68: 33-38. 1St Quarter 1973

092408 QH5.N33
Saar Territory, from view of nature conservation. (Ger) Woerner, E *NaturschutzNaturparke* 68: 43-49. 1St Quarter 1973

092409 12 N3892
Accumulation & distribution of mercury in Dutch soils. Poelstra, P *Neth J Agr Sci* 21 (1): 77-84. Ref. 1973

092410 12 N3892
Aspects of agricultural use of potato starch waste water. [Fertilizers]. Haan, F A M de *Neth J Agr Sci* 21 (1): 85-94. Ref. 1973

092411 11 N8122
Fertilization & pollution. (Nor) Uhlen, G *Norsk Landbruk* 9: 27, 30, 48. May 10, 1973

092412 99.82 N81
Waste paper – raw material with environmental aspects. (Nor) Borresen, O *Norsk Skogindus* 27 (5): 108-109. 1973

092413 279.8 OC32
Environmental care is an integral part of conservationist work. (Cze) Lorenc, J *Ochr Prir* 28 (2): 25-28. Eng. Sum. 1973

092414 279.8 OC32
Some thoughts on establishment of instructive paths. [Nature trails]. (Cze) Mitske, G *Ochr Prir* 28 (2): 29-30. Eng. Sum. 1973

092415 410 OI4
Transport, distribution, & degradation of chlorinated hydrocarbon residues in aquatic model ecosystems [Chlorella pyrenoidosa]. Sodergren, A *Oikos* 24 (1): 30-41. Ref. 1973

092416 302.8 P1934
Electrolysis as a purification method for effluents of paper & pulp industry. (Ger) Brecht, W *Papier* 27 (5): 165-181. Eng. Sum. May 1973

092417 302.8 P1934
Environemntal burden by pulp & paper industry. (Ger) Ploetz, T *Papier* 27 (5): 181-187. Ref. Eng. Sum. May 1973

092418 302.8 P1934
Modern effluent water treatment & processing techniques in paper & board industry. (Ger) Schaper, W *Papier* 27 (6): 224-229. Eng. Sum. June 1973

092419 450 P696
Retention & absorption of foliar applied Cr. [Chromium, contamination beans]. Levi, E *Plant Soil* 38 (3): 683-686. Ref. June 1973

092420 421 P882
Aspects of rat colonization, rat resistance & control in an arranged refuse dump. (Ger) Krause, E *Prakt Schadlingsbekampfer* 25 (4): 64-66. Apr 1973

092421 421 P882
Observations on muskrat control with Chlorophacinone in France. (Ger) Schutz, W *Prakt Schadlingsbekampfer* 25 (4): 67-70. Ref. Eng. Sum. Apr 1973

092422 TA5.I5
Sources of nitrogen & phosphorus in Lake George drainage basin: a double lake. [Wastewater]. Aulenbach, D B *Proc Annu Tech Meet Inst Environ Sci* 19Th: 424-431. Ref. 1973

092423 100 N27N
Nutrients in Nebraska's groundwater. Muir, J *Q Serv Farm Ranch & Home Univ Nebr, Coll Agric* 22 (2): 14-16. Map. Summer 1973

092424 100 R342
A practical problem in recycling: what to do with manure from 40,000 chickens. Durfee, W K *R I Resour* 19 (2): 5-6. Spring 1973

092425 450 R11
Effect of mineral type & soil moisture content on plant uptake of 137Cs. [Cesium, radioactive contamination, plants]. Shalhevet, J *Radiat Bot* 13 (3): 165-171. Ref. June 1973

092426 100 N81R
Waste product for roadsides. Gilbert, W B *Res Farming (n C Sta)* 30 (1/4): 15. Summer 1972/Spring 1973

092427 100 N81R
Water contamination not likely. [Herbicides]. Sheets, T J *Res Farming (n C Sta)* 30 (1/4): 3-4. Summer 1972/Spring 1973

092428 100 N81R
Fertilizer runoff problem probed. [Water pollution]. Gilliam, J W *Res Farming (n C Sta)* 30 (1/4): 5. Summer 1972/Spring 1973

092429 Q1.A3S4
Quality of air: a study of pollution. Badger, G M *Search* 4 (3): 58-65. Ref. Mar 1973

092430 56.8 SO3
Seepage flows – field data measurements for evaluation of potential contribution of fertilizers to groundwater pollution. Michna, L *Soil Sci* 115 (6): 401-408. Ref. Jun 1973

092431 99.8 W143
Socialist environment planning: problems of proportional development according to plan & of overlapping of functions within territory. (Ger) Paul, F *Sozialistische Forstwirtsch* 23 (3): 82-83. Mar 1973

092432 448.8 T31
Analysis for lithium in Texas drinking waters. Trieff, N M *Tex Rep Biol Med* 31 (1): 55-78. Map. Ref. Spring 1973

092433 12 N282
Conservation of nature & recreation. II. (Dut) Nijs, T D *Tijdschr K Ned Neidemaatsch* 84 (5): 195-200. May 1973

092434 A281.9 AG8
Particulate emissions of a cotton gin in Texas stripper area. [Air pollution]. Parnell, C B *U S D A Prod Res Rep* 149, 18 P. May 1973

092435 157.8 R29
PCB [polychlorinated biphenyls] in water: a bibliography. *U S Office Tech Serv (Rep)* PB206-534, 40 P. Jan 1972

092436 474 UM7
Environment protection program for Papua – New Guinea. (Ger) Schultze-Westrum, T *Umschau* 73 (12): 373-374. Eng. Sum. June 15, 1973

092437 474 UM7
Barks as indicators of air pollution. (Ger) Lotschert, W *Umschau* 73 (13): 403-404. Eng. Sum. July 1, 1973

092438 TD3.U582
Measurement, construction, building & operation of waste water pond structures. (Ger) Eichholz, G *Umweltschutz, Stadtereinigung* 10 (5): 105-110. Ref. 1973

092439 100 V59P
Guidelines for quality environment planning. Sargent, F O *Vt Agr Exp Sta Pam* 38, 31 P. Mar 1973

092440 105.2 W122
Outdoor recreation and the countryside. (Dut) Kerstens, A P C *Wageningen Landbouwhogesch Mededel* 72/78, 356 P. Ref. 1972

092441 99.8 W145
Experiences on initial tasks of a local nature protection organization. [Finland]. (Ger) Brander, T *Waldhygiene* 9 (5/8): 149-159. 1972

092442 293.8 SE8
Meat-, fish-, & poultry-processing wastes. Litchfield, J H *Water Pollut Contr Fed J* 45 (6): 1116-1118. Ref. June 1973

092443 293.8 SE8
Fruit-, vegetable, & grain processing wastes. Graham, J L *Water Pollut Contr Fed J* 45 (6): 1118-1124. Ref. June 1973

092444 293.8 SE8
Fermentation industry – pharmaceuticals, corn, sugar. [Waste, treatment]. Foree, E G *Water Pollut Contr Fed J* 45 (6): 1124-1128. Ref. June 1973

092445 293.8 SE8
Paper & allied products. [Water pollution]. Gellman, I *Water Pollut Contr Fed J* 45 (6): 1128-1167. Ref. June 1973

092446 293.8 SE8
Agricultural wastes. McGriff, E C *Water Pollut Contr Fed J* 45 (6): 1167-11739 ref. June 1973

092447 293.8 SE8
Dairy wastes. [Treatment]. Pico, R F *Water Pollut Contr Fed J* 45 (6): 1215-1218. Ref. June 1973

092448 293.8 SE8
Water pollution: freshwater macroinvertebrates. [Wastes, pesticides]. Warner, R W *Water Pollut Contr Fed J* 45 (6): 1231-1237. Ref. June 1973

092449 293.8 SE8
Eutrophication. [Waste, water pollution, algae]. Foehrenbach, J *Water Pollut Contr Fed J* 45 (6): 1237-1244. Ref. June 1973

092450 293.8 SE8
Microbiology of waste treatment. [Water]. Unz, R F *Water Pollut Contr Fed J* 45 (6): 1259-1265. Ref. June 1973

092451 293.8 SE8
Microbiology – waterborne outbreaks. [Disease, chemical poisoning]. Craun, G F *Water Pollut Contr Fed J* 45 (6): 1265-1277. Ref. June 1973

092452 293.8 SE8
Microbiology – detection of bacterial pathogens & their occurrence. [Water, food, contamination]. Reasoner, D J *Water Pollut Contr Fed J* 45 (6): 1278-1289. Ref. June 1973

092453 293.8 SE8
Microbiology – detection & occurrence of viruses. [Water]. Berg, G *Water Pollut Contr Fed J* 45 (6): 1289-1294. Ref. June 1973

092454 293.8 SE8
Effects on surface waters. [Pollution]. Tenney, M W *Water Pollut Contr Fed J* 45 (6): 1294-1296. Ref. June 1973

092455 293.8 SE8
Effects on groundwater. [Pollution]. Young, R H F *Water Pollut Contr Fed J* 45 (6): 1296-1301. Ref. June 1973

092456 293.8 SE8
Aquatic sediments. Ku, W C *Water Pollut Contr Fed J* 45 (6): 1301-1310. Ref. June 1973

092457 293.8 SE8
Marine & estuarine pollution. Reish, D J *Water Pollut Contr Fed J* 45 (6): 1310-1319. Ref. June 1973

092458 293.8 SE8
Heavy metals: a review of lead. [Water pollution]. Shukla, S S *Water Pollut Contr Fed J* 45 (6): 1319-1331. Ref. June 1973

092459 293.8 SE8
Thermal effects. [Water pollution]. Coutant, C C *Water Pollut Contr Fed J* 45 (6): 1331-1369. Ref. June 1973

092460 293.8 SE8
Effects of pollution on freshwater fish. McKim, J M *Water Pollut Contr Fed J* 45 (6): 1370-1407. Ref. June 1973

092461 293.8 SE8
Organics. [Pesticides, water pollution]. Minear, R A *Water Pollut Contr Fed J* 45 (6): 995-1018. Ref. June 1973

092462 TD420.W3
Hazards associated with use of chlorinated oxidation pond effluents for irrigation. Kott, Y *Water Res* 7 (6): 853-862. Ref. June 1973

092463 TD420.W3
On isolation of virus from sewage treatment plant sludges. Lund, E *Water Res* 7 (6): 863-871. June 1973

092464 TD420.W3
Effect of pretreatments on virus contents of sewage samples. Lund, E *Water Res* 7 (6): 873-879. June 1973

092465 TD201.W38
Food from sewage? It can be done. [Feed]. Young, L J *Water Wastes Eng* 10 (6): 47-50. June 1973

092466 449.9 W892T
Reuse of effluents: methods of wastewater treatment & health safeguards; report of a WHO meeting of experts. *World Health Organ Tech Rep Ser* 517, 63 P. Ref. 1973

SUBJECT INDEX

ABDOMEN
anatomy of normal **canine abdomen.** 084327
Development of **imaginal abdomen** of Droso- 090532
width of IV tergite of **abdomen** among **local** 091205
Abdominal mass in chicken (Gallus domesti- 085776
Recent advances in **abdominal surgery** in dog 085145

ABELMOSCHUS
types of bhindi (**Abelmoschus esculentus-l-** 088553
production of okra (**Abelmoschus esculentus** 088890

ABERDEEN
SEE CATTLE

ABERRATION
Chromosome aberrations from polymitotic. 087021
Radiation-**induced aberrations** in aneuploid 084292
Aberration of **melanization** in a localized p- 090819

ABIES
forest land: growth of Sasa-bamboo. [**Abies**] 085833
to produce high-quality fir seedlings. [**Abies**] 086063
substances in fir forests of Salair. [**Abies**]. 088242
silver fir of high plateau Asiago. [**Abies alba** 085930
to variety apennina Giac. of **Abies alba.** 086463
under chestnut coppices. [**Abies alba**]. 088270
various degrees of shading. [**Abies alba**]. 088271
occurrence of progredientes. [**Abies alba,** Sw- 090168
factors, especially parasites. [**Abies alba**]. 090171
elongation in balsam fir (**Abies balsamea**). 088252
properties of Cilician fir wood (**Abies cilicia** 086157
natural regeneration of Moni (**Abies firma** S 086673
Homoptera: Phylloxeridae). [**Abies fraseri**]. 090121
of Norway spruce (Picea **abies Karst.**) by cu- 086076
sampled subalpine fir. [**Abies lasiocarpa**]. 086263
abietis in Pennsylvania. [Picea **abies, pests**] 090132
windfall resistance in 1967. [**Picea abies,** Pi- 085836
an optimal thinning program. [**Picea abies**] 085937
help of targeted experiments. [**Picea abies**]. 086030
selection on height an **Picea abies** L (karst.) 086038
propagation of Norway spruce (**Picea abies** 086076
conditions. [Pinus sylvestris, **Picea abies**]. 088298
Adelges abietis in Pennsylvania. [**Picea abies,** 090132
resistance in 1967. [Picea **abies, Pinus,** Pop- 085836
areas of Hokkaido. [**Abies sachalinensis**]. 086071
inhibitors in leaves of **Abies sachalinensis** 088274
Branched fatty acids in two **Abies species.** 088288

ABLATION
lateral resection) & **ablation** of **ear** canal. [085038

ABNORMALITY
II. Incidence of **developmental abnormalities.** 090772
Geochemical anomalies of a claypit area, Ca- 084335
produced **meiotic abnormalities.** [Corn]. 087048
in conditions of **ovarian abnormalities.** 084966
in dogs caused by **pituitary abnormality.** I. 085652

ABOMASUM
Displacement of **abomasum** in **dairy** cows. 085720
in sheep receiving **abomasal infusions** of me- 084073
schizonts in **abomasum** of **Norwegian** sheep. 085191

ABRASION
High **stress abrasion** wear-effect of load & s- 091377

ABSCISIC
Effects of **abscisic acid** on levels of endogen- 087564
in barley coleoptiles by **abscisic acid.** 087689
Influence of **abscisic acid** on endogenous gib- 088016
Abscisic acid & dormancy of chives (Allium 088019
Abscisic acid in grapes during ripening. 088113
acid from a precursor of **abscisic acid.** [Tom- 088143
Isolation of an **abscisic-acid** metabolite, 4'-d- 088180
Annual cycle of **abscisic acid** in vegetative o- 088222

ABSCISSION
Abscission; support for a role of ethylene m- 087845
salts & other looseners on **fruit abscission** of 087938
Induction of **abscission** at **hypobaric** pressur- 088153
studies on inheritance of **abscission layer** de- 087016
Histological changes in **abscission layers** oc- 086759
acid on growth & **abscission** of **young** apple 087934

ABSORPTION
Period of protein-**absorbing ability.** 084285
In vitro studies on amino **acid absorption.** II 084365
Application, absorption & translocation of b- 091846
study of a method for **atomic absorption** spe- 082692
method & by flameless **atomic absorption** s- 082734
drinking water with **atomic absorption** spect- 083180
chicken breast muscle by **atomic absorption** 083498
tetraacetic acid] & **atomic absorption** spectr- 083516
study using flameless **atomic absorption** & n- 087670
Absorption of **BHC** [Benzene hexachloride] 090391
mitochondrial types in an **absorptive cell** & 090715
Absorption of **chlorinated** hydrocarbons by 090097
Retention & **absorption** of **foliar** applied Cr. 092419
micro-organisms on **absorption** of **inorganic** 087468
Intestinal absorption of phosphate in chick: 084263
Absorption of **iodine** into starch granules in 083216
Studies on mineral **ion absorption** by plants. 088864
Absorption & **iron** displacement in young p- 087993
Absorption of **lead** by eggplant from soil & 088214
Light absorption patterns of intact Rosa flo- 088148
pregastric esterase on **lipid absorption** in ca- 084072
Manganese absorption by excised roots of r- 087644
Possibility to determine **negative absorption** 091479
of dairy cows. 2. Sites of **net absorption** of 084656
Studies on growth & **nutrient absorption** of 088023
Light **absorption patterns** of intact Rosa flo- 088148
Effect of atrazine on **potassium absorption** 087737
Period of **protein-absorbing** ability. 084285
Proteolysis, absorption & excretion of imm- 084130
Role of wings in **absorption** of **radiant** ener- 090523
Potassium ions in their **absorption** by **rice** r- 087761
Absorption & **secretion** of fatty acids & bile 084261
Mechanism in **absorption** & **secretion** of lip- 084331
observed in chlorophyll b **absorption spectra** 087277
water with atomic **absorption spectrometry** 083180
for atomic **absorption spectrophotometric** & 082692
atomic **absorption spectrophotometry.** 082734
Low temperature **absorption spectrum** studi- 087472
Tolerance & **reabsorption study** of betameth- 084309
Low **temperature absorption** spectrum studi- 087472
Absorbance-temperature profile of ribosomes 088249
Absorption & **uptake** of cadmium by plants. 087815
in process of **absorption** & **utilization** of the- 082902
Homeostatic regulation of **zinc absorption** in 082993
A new method to increase **zinc absorption** by 091963

ACACIA
Territory]. [Australis, **Acacia aneura,** ranges 084711
Taxonomy of **Acacia aneura** complex. 086611
August 22-24 1972. [**Acacia aneura,** ranges] 086689
in a mulga community. [**Acacia aneura,** Aust- 087903
spatial patterns of **Acacia aneura** in south w- 087907
Growth & survival of mulga (**Acacia aneura** 087908
Mulga: a bioclimatic analysis. [**Acacia aneu-a,** 087909
west queensland mulga (**Acacia aneura** F. 088528
August 22-24 1972. [**Acacia aneura,** ranges] 088529
in mulga zone. [Australia, **Acacia aneura**]. 088527
Acacia cyanophylla as subsidiary plant for P- 086029
Acacia mollissima Willd . & **Acacia dealbata** 085934
lyases of different species. [**Acacia georginae** 087477
Leaf & shoot growth on **Acacia kempeana** F. 087906
Hardy) (Diptera: Sciaridae). [**Acacia koa**]. 090762
Flowering interval of **Acacia** in **last** 25 years 088245
production structure of **Acacia mollissima** W- 085932
phytomass of some **acacias** in **nursery** stage 088268
Traveling in **acacia** of **Romania.** [Apiculture] 091061
acid in germinating seeds of **Acacia senegal** 087260

ACANTHACEAE
A ruellia [velutifolia] (**Acanthaceae**) species 086513
New speices of Aphelandra (**Acanthaceae**). 086517

ACANTHOSCELIDES
bean weevil **Acanthoscelides obtectus** Say, 090064

ACARICIDE
of soil exposed to fenazaflor. [**Acaricides**]. 089824
activity correlations of **acaricidal hydrazones-** 089759
alternation of **acaricides** in **Japan.** 089813

ACARIDAE
in virgins (Sarcoptiformes: **Acaridae**). 090607

ACARINA
mites on fruit trees be combined? [**Acarina**] 089489
of flower plants in Hawaii. [**Acarina**]. 090018
ulmi (Koch) in simple ecosystems (**Acarina:** 090019
Oligonychus mangiferus (R. & S.). **Acarina:** 090091
Cytogenetics of ticks (**Acari:** Ixodoidea). 12. 090517
Boophilus decoloratus (Koch 1844) (**Acarina** 090554
haemaphysaloides Supino, 1897 (**Acarina:** I- 090633
macrocorneus Zaher & Soliman. **Acarina:** C- 090787
under different temperatures. **Acarina.** 090800
Oligonychus mangiferus (R. & S.). **Acarina:** 090806
Cheyletus malaccensis oudemans. **Acarina:** 090813
ornatus (Canestrini & Fanzago). **Acarina:** C- 090817
Halacaridae (**Acari**) from South Africa. 090972
other records from Venezuela (**Acarina:** Tr- 090977
descriptions of thirteen new species (**Acarina:** 091002
new species of family Caligonellidae. **Acarina:** 091035
from Ethiopian Region (**Acarina:** Mesostig- 091056
in soft ticks of genus Ornithodoros (**Acari:** 090260
living on insects from Africa (**Acari, Acarida** 090880
subspecies of oribatid mites (**Acari, Oribatei** 090864
woody areas in 1972. [**Acarina, Pseudotsuga** 090147
Karafiat, 1959 (**Acarina, Trombidiformes,** S- 090939

ACAROPSIS
behaviour of predatory mite **Acaropsis docta** 090198

ACCIDENT
What do you think about **accidents?** [Equi- 091322
working conditions & **accidents avoiding.** 085964
Accidents in **production** of sparkling wines 083758
Recent accidents & disasters to forest work- 085856
Legislation on **work accidents** in agriculture 082574

ACCLIMATION
Cold acclimation in 'Red Delicious' apple tr- 087937
Variation in time of **acclimation** of **raspberry** 088050

ACCOUNTING
group of workers' planning & **account.** 085975
Unit **cost accounting** in agriculture. 082234
Importance of **farm accounting** for farm ma- 082104
Electronic data **handling--bookkeeping.** [Mi- 082112
Operational bookkeeping--a necessary found- 082161
in India 1851--1901--a **quantitative account.** 082490
in field of keeping of **accounts & statistics.** 085973
from point of view of **accounting time** differ- 082084

Accounting for **VAT.** [Valued Added Tax]. 082121

ACER
maple seedlings. [Betula **alleghaniensis, Acer** 086026
in trunk of hedge maple (**Acer campestre** L. 088297
plants. [Euonymus **europaea, Acer** pseudopl- 089335
Cyclopropylamino acids of **genus Acer:** distr- 088291
Maples of Japan. [**Acer palmatum**]. 088571
basin of Gesso (Cuneo). [**Acer platanoides**]. 086174
cytokinins in **Acer pseudoplatanus** cells. 088250
red maple. [Pinus taeda, **Acer rubrum,** injur- 085824
Sugar maple, a wealth. [**Acer saccharum**]. 086056

ACERIA
of chemical control of **Aceria guerreronis** (K- 089938

ACETABULUM
variations of **acetabulum** in **dog.** 084051

ACETAL
Synthesis of aldehydes & **acetals** by **yeasts** 083696

ACETAMIDE
Acetylurea, acetamide & mixtures of these c- 084061
14C [carbon]-**acetamide turnover** subject to 084058

ACETATES
Cellulose acetate (CAF) electrophoresis of s- 084063
r administration of **chloromadinone acetate** 084889
Plant antitumour agents: **colubrinol acetate** 087345
of organotin fungicide **fentin acetate** (Triph- 089168
cattle with implants of **melengestrol acetate** 084767
after administration of **melengestrol acetate** 084928
effect of emulgated alph **tocopherol acetate** 085521
Uranyl acetate useful as a specimen support- 089382

ACETIC
sprays of napthalene **acetic acid** for more co- 087755
Inhibition of ripening & indole-3-**acetic acid** 088085
Effect of IAA [indole **acetic acid**] sprays on 088193
Destruction of indole-3-**acetic acid** during ae- 089542
of 2,4-d. [2, 4-dichlorophenoxy **acetic acid**]. 089635
to 2, 4-D [2, 4-dichlorophenoxy **acetic acid-** 089694
Acetic acid & wintering of bees. [Apis melli- 091192
Acetic-orcein, a new stain for detection of c- 084141

ACETONE
of olive husk oils purified by **acetone.** 083836
by gas chromatography of **acetone content** of 083065

ACETYL
Positions of **O-acetyl groups** in pine glucom- 086249

ACETYLATION
Choline & beta-**methylcholine acetylation** in 090713
characterizations of **woods acetylated** after 086187

ACETYLCHOLINESTERASES
acetylcholinesterase (3,1,1,7) in walls of art- 084031

ACETYLENE
of oxygen & of **acetylene** on these **prodesses** 091519

ACETYLHEXOSAMINIDASE
N-acetylhexosaminidase of **ram** testis & epid- 084790

ACETYLSERINE
to study **o-acetylserine sulfhydrylase** from g- 087663

ACETYLTRANSFERASES
N-acetyltransferase from **Phaseolus** aureus. 088157

ACHETA
cistrons in heterochromatin of **Acheta.** 090606
selenium in diet of house **cricket, Acheta** d- 090647
activity in house cricket. [**Acheta domestica**] 090705
of house cricket. [**Acheta domesticus**]. 090463

ACHRAS
control of leaf-spot disease of **sapota caused** 089072

ACHROMOBACTER
Ways in which **bacteria Achromobacter** nem- 090411

ACID
ion concentrates] from alkaline to **acid.** [Soi- 091630
Effects of **abscisic acid** on levels of endogen- 087564
in barley coleoptiles by **abscisic acid.** 087689
Influence of **abscisic acid** on endogenous gib- 088016
Abscisic acid & dormancy of chives (Allium 088019
Abscisic acid in grapes during ripening. 088113
acid from a precursor of **abscisic acid.** [Tom- 088143
Isolation of an **abscisic-acid** metabolite, 4'-d- 088180
Annual cycle of **abscisic acid** in vegetative o- 088222
In vitro studies on amino **acid absorption.** II 084365
sprays of napthalene **acetic acid** for more co- 087755
Inhibition of ripening & indole-3-**acetic acid** 088085
Effect of IAA [indole **acetic acid**] sprays on 088193
Destruction of indole-3-**acetic acid** during ae- 089542
of 2,4-d. [2, 4-dichlorophenoxy **acetic acid**]. 089635
to 2, 4-D [2, 4-dichlorophenoxy **acetic acid-** 089694
Acetic acid & wintering of bees. [Apis melli- 091192
Effects of heat treatment, **added acid,** & aer- 083277
Amino **acids, additives?** [Food]. 082920
of lemon juice. [Citric **acid adulteration**]. 082790
determination of volatile **aliphatic acids** & l- 083913
Problem of **acid-alkaline** properties of lysim- 091700
Synthesis of cis-**4-alkenoic acids** isolated fr- 083190
Allogibberic acid: an inhibitor of flowering in 087520
Serum **amino acids** in young men consuming 082908
Amino acids, additives? [Food]. 082920
biological value of different **amino acid** sool- 082945
Control of **amino acid** content of umnalted 083039
Separation of basic **amino acids** on resin col- 083138
foods. I. Reaction with sulphur **amino acids** 083158
Changes in contents of free **amino acids** dur- 083163
amino acids in tea by automatic **amino acid** 083178
or feed & its waste treatment. 3. **Amino acid** 083205
oil, cholesterol, fatty acids & **amino acids** fr- 083247
Amino acids, protein & lactose contents of 083540
Effect of **amino-acid** content of wort on for- 083549
Dimethyl sulfoxide & **amino acid** analyses. 083577
Possible contribution of sugars, **amino acids** 083654
Amino acid composition of cereal & oilseed. 083765
Amino acid composition of almonds, filberts, 083824
Amino-acid composition of Iraqi dates. 083891
or feed & its waste treatment. 3. **Amino acid** 084073
Plasma **amino acid** patterns in sheep receivi- 084096
Regulation of **amino acid** transport in chick 084264
changes in rat brain & plasma **amino acids.** 084283
Amino acid retention in rats. 084365
acid absorption. II. Different **amino acid** tr- 084454
broilers. 1. influence of different **amino acid** 084581
Plasma free **amino acids** of swine as influen- 084602
source of plasma & tissue free **amino acids** in 084637
related crude protein & **amino acid** doses in 084638
Amino acid requirements of fattening swine 084659
Effect of hormones on **amino acid** imbalance 084684
their sodium soaps & synthetic **amino acids** 084692
Amino acid requirement of growing pigs. I. 084720
study of content & relations of **amino acids** 084851
of alpha animo nitrogen, **amino acids,** urea n- 087235
Amino acid composition of freshwater algae 087237
Delta-n-hydroxy-L-arginine, an **amino acid** 087254
Amino acid sequence of cytochrome c from 087406
Presence of free & bound **amino-acids** in pl- 087411
chromatographic properties of **amino acid** c- 087875
on content of nitrogen & free **amino acids** in 087882
Growth & free **amino acids** of maize seedlin- 087959
Occurrence of D-**amino acid** aminotransfera- 088071
of inoculation on pattern of free **amino acids** 088080
On protein & **amino acid** content of Capsic- 088151
isobutyl-glutamic acid: a new **amino acid** in 088152
Effect of oxycarboxin on **amino acid** metabo- 088204
Changes in composition of **amino acids** in le- 089862
Free **amino acids** of haemolymph of cotton l- 089906
Free **amino acids** of Pakistani wheat varieti- 090231
nucleic acids, protein & free **amino acids** in 090526
Free **amino acids** of haemolymph of cotton l- 090716
Study, with labeled **amino-acids,** of proteina- 091978
on content of nitrogen & free **amino acids** in 084243
of 2-**aminoethylphosphonic acid.** 087959
Occurrence of D-amino **acid aminotransfera-e** 091914
Acidic ammonium polyphosphate fertilizer as 083549
Dimethyl sulfoxide & amino **acid analyses.** 083603
or crushed rapeseed for fatty **acid analysis.** 083163
in tea by automatic amino **acid analyzer.** 087237
L-arginine, an amino **acid antagonist** from 087195
in vitro hydroxylation of **anthranilic acid** & 088100
Effect of phosphoric **acid application** on fruit 084530
Feeding of broilers with **arsanilic acid;** gain 082923
determination of L-**ascorbic acid** on basis of 083237
Role of **ascorbic acid** in keeping quality of 084260
of chromium & tungsten on L-**ascorbic acid** 084341
Effect of **ascorbic acid** on body gain & feed 087260
Changes in level of **ascorbic acid** in germina- 088198
moisture, total soluble solids & **ascorbic acid** 083188
stage of unsaturated fatty **acid autoxidation.** 083189
stage of unsaturated fatty **acid autoxidation.** 083323
flavour production by lactic **acid bacteria.** 086674
to knowledge on distribution of **acid beech** s- 083628
of some alcohols, ester & **acids** in **beer.** 084261
secretion of fatty acids & **bile acids** in intest- 087523
algae, Halopytis incurvus: **carboxylic acids.** 084113
osmolality & volatile fatty **acid changes** in c- 088027
by 2-**chloroethanephosphonic acid** (ethrel). 087508
of 2-**chloroethylphosphonic acid** in stems & 087746
barley stem by 2-**chloroethylphosphonic acid** 090348
in dairy cow. [S-**chloroethylphosphonic acid, Chlorogenic acid** levels, ethylene production 089496
Functional homologies of **acidic chromatin** p- 087372
to evaluation of lemon juice. [**Citric acid** ad- 082790
Effect of **citric acid** on acid & flavour produ- 083323
of glucoamylase & **citric acid** production in 087227
growth of Aspergillus niger & on **citric acid** 087598
waste treatment. 3. Amino **acid composition** 083178
Genetical aspects of fatty **acid composition** 083274
Zealand milk fat. I. Fatty-**acid composition** 083308
Fatty **acid composition** of free, combined & 083589
Amino **acid composition** of cereal & oilseed. 083654
Amino **acid composition** of almonds, filberts, 083765
Amino-**acid composition** of Iraqi dates. 083824
waste treatment. 3. Amino **acid composition** 083891
in broiler diet on fatty **acid composition** of l- 084608
genetic variation in fatty **acid composition** of 084770
Genetical aspects of fatty **acid composition** 084814
Amino **acid composition** of freshwater algae 087235
foliar fungicides on fatty **acid composition** & 083774
properties of amino **acid conjugates.** 087411
with ingestion of erucic **acid consumed** by l- 082706
dichlorophenoxyacetic **acid contamination** of 089449
determination of 2 position **acid content** in 082876
Control of amino **acid content** of umnalted 083039
Free fatty **acid content** of cacao beans infes- 083124
Fatty **acid content** of lipids in meat of fres- 083226
Pyruvic & lactic **acid content** of swine meat, 083400
Effect of amino-**acid content** of wort on for- 083540
rate of cell division & nucleic **acid content** of 084205
analog on growth, amino **acid content,** & ca- 084234
On protein & amino **acid content** of Capsic- 088080
total soluble solids & ascorbic **acid content** 088198
Free fatty **acid content** of cacao beans infes- 089107
dry weight, protein, & nucleic **acid content** 090675
Folic **acid contents** of some fermented soyb- 082999
II. Levels of extractable para **coumaric acid** 087932
Cyclopropylamino acids of genus Acer: distr- 088291
Studies in humic **acids decomposing** bacteria 091785
Studies in humic **acids decomposing** bacteria 091786
I. Deoxyribonucleic **acid--deoxyribonucleic** 084791
chick tritiated unique **deoxyribonucleic acid** 084792
Deoxyribonucleic acid & ribonucleic acid sy- 087541
rapidly reassociating **deoxyribonucleic acid** 087970
Degradation of nucleic **acid derivatives** by r- 084105
special forms of silicic **acid derivatives** & sil- 091561
Metabolism of 2,4-**dichlorophenoxyacetic ac-d.** 087411
salt of 2,4-**dichlorophenoxyacetic acid** on mi- 087645
Metabolism of 2,4-**dichlorophenoxyacetic ac-d.** 087766
detection of 2,4-**dichlorophenoxyacetic acid** 089449
of a 2,4-D [2, 4-**dichlorophenoxyacetic acid**] 089648
of 2,4-D [2,4-**dichlorophenoxyacetic acid**] in 089745
Effect of 2,4-**dichlorophenoxyacetic acid** on 089855
Cytogenetic effects of **dichloropropionic acid** 087659
Photolysis of 2,2-**dichloropropionic acid** in 089716
acid metabolite, 4'-**dihydrophaseic acid,** from 088180
application of succinic **acid** 2,2-**dimethyl** hy- 088213
by N-**dimethylaminosuccinamic acid** (damin- 088178
SADH [succinic **acid-2,2-dimethylhydrazide** 088053
SADH [succinic **acid-2,2-dimethylhydrazide** 088902
Bacillus cereus in cultured & **direct acidified** 082828
related crude protein & amino **acid doses** in 084637
Endogenous acidic exudate from lemon fruit 088237
Multiple forms of **acidic endopeptidase** from 087833
Epoxyoctadecanoic acids in plant cutins & s- 087518
connected with ingestion of **erucic acid** cons- 082706
Effect of **etheylenediaminetetraacetic acid** on 087205
by hybridization in ribonucleic **acid excess.** 084792
Endogenous **acidic exudate** from lemon fruit 088237
Ethyl esters of rum higher **fatty acids.** 083013
Fatty acids of seed oil from fruits of Opuntia 083028
Free **fatty acid** content of cacao beans infes- 083124
of initial stage of unsaturated **fatty acid** aut- 083187
of initial stage of unsaturated **fatty acid** aut- 083188
of initial stage of unsaturated **fatty acid** aut- 083189
Fatty acid content of lipids in meat of fres- 083226
Genetical aspects of **fatty acid** composition 083274
of New Zealand milk fat. I. **Fatty-acid** com- 083308
On composition of **fatty acids** in soft cheeses 083332
Fatty acid composition of free, combined & 083589
whole or crushed rapeseed for **fatty acid** ana- 083603
Component **fatty acids** of chaulmoogra oil. 083616
of several foliar fungicides on **fatty acid** co- 083774
vitro conditions. 4. Protein & **fatty-acid** pro- 084061
Utilization of volatile **fatty acids** & glucose 084102
osmolality & volatile **fatty acid** changes in c- 084113
of short & medium even-chain **fatty acids** (084162
antibiotics on ruminal volatile **fatty acids** in 084185
Blood glucose level & volatile **fatty acids** in 084191
of nutrients & VFA [volatile **fatty acid**] pro- 084203
Gas chromatography of C1 to C5 **fatty acids** 084225
of non-random associations of **fatty acids.** 084229
Absorption & secretion of **fatty acids** & bile 084261
nitrogen fractions & total volatile **fatty acids** 084544
of dietary nitrogen on volatile **fatty acids** in 084549
Blood glucose level & volatile **fatty acids** in 084551
postprandial plasma volatile **fatty acids,** glu- 084596
on hydrogenation of unsaturated **fatty acids** 084606
Effect of barley in broiler diet on **fatty acid** 084608
on hydrogenation of unsaturated **fatty acids** 084609
Use of synthetic **fatty acids,** their sodium so- 084684
A note on genetic variation in **fatty acid** co- 084770
Genetical aspects of **fatty acid** composition 084814
Chlorinated long-chain **fatty acids.** Their pr- 086207
Fatty acid profiles from maize scutella: a n- 087059
Fatty acid synthetase activity in Euglena gr- 087268
Enzymatic synthesis of a hydroxy **fatty acid** 087679
with regard to biosynthesis of **fatty acids.** 088234
Branched **fatty acids** in two Abies species. 088288
of several foliar fungicides on **fatty acid** co- 089106
Free **fatty acid** content of cacao beans infes- 089107
Response of plasma glucose, free **fatty acids** 084107
preserved by lactic **acid fermentation.** 083731
niger & on citric **acid fermentation.** 087598
Isolation of **flavaspidic acid-PB** from Dryop- 087496
Effect of **flavianic acid** on hatching rate of f- 089572
Effect of citric acid on **acid & flavour** produ- 083323
Degradation of parathion in **flooded acid** soi- 089806

Folic acid contents of some fermented soyb- 082999
Dissolution of chlorite minerals by **fulvic ac-d.** 091558
Effect of **gibberellic acid** on rind quality & s- 083709
Note on effect of **gibberellic acid** on quality 087728
of Avena stem segments to **gibberellic acid** t- 087834
Effects of **gibberellic acid** & sucrose on gro- 087841
effects of nutrients & **gibberellic acid** on 'Va- 087941
controlled photoperiods & **gibberellic acid.** 087943
Effect of **gibberellic acid** on rind quality & s- 087958
Response of lilies to **gibberellic acid.** 088108
as affected by ethrel & **gibberellic acid.** 088184
studies on effect of **gibberellic acid** & CCC 088188
Mutagenic activity of **gibberellic acid.** [Ipo- 088209
of Sultanina grapes to **gibberellic acid** trea- 088223
of cabbage as affected by **gibberellic acid** (088628
thinning, girdling, Sevin & **gibberellic acid** t- 088886
plasma volatile fatty **acids, glucose** & insulin 084596
III. Changes in ratio of free **glutamic acid** to 083136
isobutyl-**glutamic acid:** a new amino acid in 088151
in insects: effect of **glutamic acid.** [Carausius 090437
liquid extraction of phenoxy **acid herbicides** 089672
Studies in **humic acids** decomposing bacteria 091785
Studies in **humic acids** decomposing bacteria 091786
Use of **humic acids** in culture of sugar beets 091844
Effect of hormones on amino **acid imbalance** 084659
of chromosomes affected by **indoleacetic acid.** 086957
Effects of water stress on **indoleacetic acid** 087843
in relation to injury, **indoleacetic acid,** & et- 087849
Role of IAA **[indoleacetic-acid]** on mineral 087860
of 14C[carbon]-**indoleacetic acid** & 14C-suc- 087940
IAA **[indoleacetic acid]** osidase & inhibitors 088062
Degradation of **indoleacetic acid** (IAA) in so- 091713
on activity of beta-**indolylacetic acid** & on g- 087627
Inhibitory effect of **acid** in **intestine** on rum- 084221
by p-2,4-chlorophenoxy-**isobutyric acid.** 088085
Synthesis of cis-4-alkenoic **acids isolated** fr- 088190
on acid & flavour production by **lactic acid** 083323
Pyruvic & **lactic acid** content of swine meat, 083400
male in brewing. 4. Direct use of **lactic acid** 083539
of green tomatoes preserved by **lactic acid** f- 083731
of volatile aliphatic acids & **lactic acid** in sil- 083913
glucose & blood glucose & blood **lactic acid** 084187
Chlorogenic **acid levels,** ethylene production 089496
peptide-precipitating **lignosulphonic acids** in 084388
of peptide-precipitating **lignosulphonic acids** 085603
Determining thioctic acid **(lipoic acid)** in w- 083557
Increasing production of **lysergic acid** by m- 087556
Use of lactic **acid male** in brewing. 4. Direct 083539
Determination of citric & **malic acid** in fruits 083749
results regarding effects of **malonic acid** on 087297
in brewing. 4. Direct use of lactic **acid malt** 083539
tungsten on L-ascorbic **acid metabolism** in r- 084260
of oxycarboxin on amino **acid metabolism** by 088152
Isolation of an abscisic-**acid metabolite,** 4'-d- 088180
A urea sulphuric **acid method** for simulatan- 083322
Comparative specificity of **microbial acid** pr- 087229
Comparative specificity of **microbial acid** pr- 087230
aliphatic **monocarboxylic acids** & alpha-ket- 083382
study of **acid mucopolysaccharide** in pigment 084375
apple fruits to **naphthaleneacetic acid.** 087936
Metabolism of [14C]**naphthaleneacetic acid** 088078
of aluminum after HNO **[nitric acid]**-H2S0 091557
Degradation of **nucleic acid** derivatives by r- 084105
sheep on rate of cell division & **nucleic acid** 084205
specific for single-stranded **nucleic acids.** 087326
on content & synthesis of **nucleic acids** in p- 088029
by leaf extract or leaf **nucleic acid** to herbac- 089335
in content of blycogen, sugars, **nucleic acids,** 090231
Nucleic acid synthesis in nurse cells of Rhy- 090595
in dry weight, protein, & **nucleic acid** conte- 090675
male germ cells with **nucleic acid** precursors 090742
Study of oxidized **acids occuring** in fats & oi- 083207
temperatures on content of **organic acids** in 083768
Organic acid treatment of protein supplеme- 084504
Cytomorphological studies in **organic acids** t- 086792
Effect of alcohols & **organic acids** on growth 087600
Determination of **organic acids** in tall fescue 087767
Determination of **organic acids** in tobacco. 087895
acids, reducing sugars & **organic acids** prese- 088071
Effect of alcohols & **organic acids** on growth 089274
Effect of **organic acids** & their derivatives on 089283
plant-available phosphorus of **acid organic** s- 091749
of water stress on indoleacetic **acid oxidase** 087843
of ripening & indole-3-acetic **acid oxidase** of 088085
Study of **oxidized acids** occuring in fats & oi- 083207
Cholesterol, **pantothenic acid,** pyridoxine & 091155
Plasma amino **acid patterns** in sheep receivi- 084073
Isolation of flavaspidic **acid-PB** from Dryop- 087496
on growth & yield of rice in an **acid peat** soil 091794
associated with PAS **[Periodic acid**-Schiff]- 085753
Quantitative autoanalysis of **phenolic acids** 087419
Liquid-liquid extraction of **phenoxy acid** her- 089672
of phenylsulfatase & **acid phosphatase** in br- 084022
localisation of **acid phosphatase** in avian she- 084106
properties of a repressible **acid phosphatase** 087619
localizations of **acid phosphatasic** (=acid p- 090102
localization of an **acid phosphatic** activity in 090413
Acid phosphomonesterase activities (beta-gl- 087570
phosphatasic (=**acid phosphomonoesterase)** 090102
N-isopropyl **phosphonamidic acid.** [BAY H- 088063
of (2-chloroethyl)**phosphonic acid** (ethephon 083698
Influence of (2-chloroethyl)**phosphonic acid** 087934
by (2-chloroethyl)**phosphonic acid.** 087935
of heavy application of **phosphoric acid** to j- 087926
Effect of **phosphoric acid** application on fruit 088100
Ammonia, potassium oxide, **phosphoric acid,** 091913
Effect of **phosphoric acid** application on fruit 091925
during breadmaking of **phytic acid** in wheat 083555
bound ribonucleic **acid polymerase** from soy- 088155
nuclear ribonucleic **acid polymerases** during 087416
Secretion of **acid polysaccharides** by brown 087336
Considering determination of 2 **position acid** 082876
male germ cells with nucleic **acid precursors** 090742
reducing sugars & organic **acids present** in r- 088071
Protein & fatty-**acid production** after acetam- 084061
of glucoamylase & citric **acid production** in 087227
Fatty **acid profiles** from maize scutella: a n- 087059
of damp maize treated with **propionic acid.** 083530
rapeseed treated with **propionic acid** as an 084488
Amino **acids, protein** & lactose contents of 083247
An arginyl-transfer ribonucleic **acid protein** 087846
of blycogen, sugars, nucleic **acids, protein** & 090231
specificity of microbial **acid proteinases** for 087229
specificity of microbial **acid proteinases** for 087230
Cholesterol, pantothenic **acid, pyridoxine** & 091155
oxide, phosphoric acid, **pyrophosphoric acid,** 091913
Structure of **radiclonic acid,** a new plant gr- 087608
on appreciation of **acidity** of **raspberries.** 083713
on pattern of free amino **acids, reducing** sug- 088071
acid--deoxyribonucleic **acid renaturation** stu- 084791
Enzymatic properties of a **repressible acid** 087619
Amino **acid requirement** of growing pigs. I. 084692
Amino **acid requirements** of fattening swine 084638
cow. [S-chloroethylphosphonic **acid, residues]** 090348
Amino **acid retention** in rats. 084283
by hybridization in **ribonucleic acid** excess. 084792
of tryptophan transfer **ribonucleic acid** from 087327
Multiple nuclear **ribonucleic acid** polymeras- 087416
Deoxyribonucleic acid & **ribonucleic acid** sy- 087541
polyadenylate sequences in **ribonucleic acid** 087683
An arginyl-transfer **ribonucleic acid** protein 087846
to ribosomal & transfer **ribonucleic acids.** [087970
activity of chromatin-bound **ribonucleic acid** 088155
of brome mosaic viral **ribonucleic acid** in a 089353
weight pathogenic RNA **[ribonucleic acid]** f- 089418
of genes for ribosomal **ribonucleuc acid** in P- 086870
synthesis of anacystis **ribonulceic acids.** 087259
associated with PAS [Periodic **acid-Schiff]**- 085753
Amino **acid sequence** of cytochrome c from 087254
by different special forms of **silicic acid** deri- 091561
in cultured & direct **acidified skimmilk** & C- 082828
Soil acidity & liming. [Madagascar]. 091485
Alkaline, saline & **acidic soil** of Chingleput 091575
of parathion in flooded **acid soils.** 089806
value of different amino **acid soolutions** after 082945
Structure of **strobic acid.** [Pinus strobus]. 088302
topped apple trees to SADH **[succinic acid**- 088053
post-harvest application of **succinic acid** 2,2 088213
growth regulators SADH **[succinic acid**-2,2- 088902
post-harvest application of **succinic acid** 2,2 089571
chlorosis in plants with use of **sulfuric acid.** 091971
after HNO [nitric acid]-H2S04 **[sulfuric ac-d]** 091557
A urea **sulphuric acid** method for simulatan- 083322
of fertilizers on **superphosphoric acid** in Ch- 091999
of different amino **acid supplements** upon gr- 084454
of infused glutamine on uric **acid synthesis** in 084599
acid & ribonucleic **acid synthesis** during cell 087541
Nucleic **acid synthesis** in nurse cells of Rhy- 090595
Fatty **acid synthetase** activity in Euglena gr- 087268
Evaluation of **terephthalic acid** for chlortetr- 085363
by EDTA [ethylene diamine **tetraacetic acid** 083516
Determining **thioctic acid** (lipoic acid) in w- 083557
Food intake regulation: amino **acid toxicity** 084264
Regulation of amino **acid transport** in chick 084096
II. Different amino **acid transport** pattern in 084365
studies in organic **acids treated** okra (Abel- 086792
Organic **acid treatment** of protein supplеme- 084504
segments to gibberellic **acid treatment.** 087834
grapes to gibberellic **acid treatments.** 088223
girdling, Sevin & gibberellic **acid treatments** 088886
Elongation of medium chain **trienoic acids** to 087960
Effect of 2,3,5-**triiodobenzoic acid** on bitter 087939
Triterpene acids & bergenin in Peltoboykinia 087506
of alpha animo nitrogen, amino **acids, urea** n- 084851
Effect of infused glutamine on **uric acid** syn- 084599
on transition constants of **volatile acids** by s- 083058
phosphoric acid, pyrophosphoric **acid, water** 091913
of a sourdough bread made with **acid whey.** 083535
of a sourdough bread made with **acid whey.** 083536
of (-)-1',2'-epi-2-cis-**xanthoxin acid** from a p- 088143
betafluorethyli c ester of **xenylacetic acid)** in 090052

ACIDOSIS
dehydrogenase activity in **bovine acidosis** in- 084344
in acute experimental **rumen acidosis** in she- 085653

ACREAGE
California wine **grape acreage:** projecting ef- 082538
Growth of **acreage** under **raw** cotton in India 082490

ACRIDIDAE
Schistocerca gregaria (Orthoptera: **Acrididae)** 090498
grossum (Orthoptera:d **Acrididae).** 090515

ACRIDOIDEA
in African Glauia & Acinipe **(Acridoidea:** P- 090745
Notes on **African Acridoidea** in Danish mus- 091012

ACRIDONE
constitutents. II. Two **acridone alkaloids** fr- 087347

ACTIDIONE
SEE CYCLOHEXIMIDE

ACTINIDIA
of Chinese gooseberry (or **Actinidia).** 088648

ACTINOMYCETES
Soils. I. distribution of **actinomycetes.** 091777
Studies in **Actinomycetes** in **Egyptian** soils. 091778

ACYL
Characterization of an **acyl carrier** protein 087268

ACYLASES
on a fungal & bacterial penicillin V-**acylase.** 087389

ACYRTHOSIPHON
compound, on pea **aphid, Acyrthosiphon** pis- 089978
symbiotes of pea **aphid, Acyrthosiphon** pisum 090687

ADAPTATION
turnover subject to **acetamid adaptation** of 084058
a means for determining **cattle adaptation** s- 084313
activity & effects of light & **dark adaptation** 090667
bearing plants during **adaptation** to **light** of 087379
hardiness of tea plant & **local adaptability** of 087431
Adaptation of **mower** CPM-2,1 to tractor U 091420
Study of Hungarian **partridge adaptability.** 084123
Adaptive peculiarities of preimaginal phases 090613
Adaptability of **pixie** mandarins for canning 083715
hematological aspects of **adaptation** to **range** 084532
Adaptation of **rumen** microorganisms to biu- 084597
melanogaster. II. An **adaptation** to **selection** 090450
Genetic control & **adaptive significance** of b- 084861
Amish agriculture: **adaptive strategies** for ec- 082006
of a mediation as an **adaptive transport** syst- 084096
II. Ecological control of **winter adaptations** 089798

ADDITIVES
of ring precipitation test by using **additives.** 085227
industrial wastes & other **additives.** 091829
Amino **acids, additives?** [Food]. 082920
of caloric & protein **additives administered** 084667
Approved additives for swine feed. 084633
titanium dioxide as a flour & **bread additive** 083571
homogenization & some **chemical additives.** 083234
caused by preservatives & **color additives** in 082881
experimental data. **[Feed additives,** hormon- 082796
for animal drugs & other **feed additives.** 082798
of mineral substances. **[Feed additives].** 083873
experimental data. **[Feed additives,** hormon- 083881
for animal drugs & other **feed additives.** 083882
of mineral substances. **[Feed additives].** 084475
Use of synthetic **feed additives** in livestock 084484
Diptera: Stratiomyidae) as a **feed additive** f- 084517
Payzone for slaughter swine. **[Feed additives]** 084630
Additives in **feeding** stuffs-- EEC's [European 082612
An international review of **food additives:** le- 082588
food drug act regulates **food additives,** super- 082617
Acceptable daily intake of **food additives.** 082716
Studies on **food additives** in imported foods: 082739
An international review of **food additives:** le- 082774
Food additives: recent developments in food 083085
On analysis of gums used as **food additives.** 083231
pest management, research, **food additives,** p- 088818
Tribolium confusum: **food additives** as ovicid- 090195
data. [Feed **additives, hormones].** 082796
management, research, food **additives, plant** 088818
Effect of caloric & **protein additives** adminis- 084667
Effect of some **additives** on **sedimentation** of 083385
drug act regulates food **additives, supervises** 082617

ADELGES
gall aphid. [Picea glauca, **adelges abietis].** 090129
Insecticial control of **Adelges abietis** in Pen- 090132
infested by balsam woolly **aphid, Adelges** pi- 090121

ADENINE
ADE15, a dominant **adenine auxotroph.** 087102
nicotinamide **adenine dionucleotide** phospha- 087381

ADENOCARCINOMA
Gastric cancer **(scirrhous adenocarcinoma)** 085651

ADENOHYPOPHYSIS
cells of **adenohypophysis following** bilateral 084349
bovine, ovine & **porcine adenohypophysis.** 084163
A.C.T.H. cells in **adenohypophysis** of **rabbit** 084064
activity of **adenohypophysis** which **supports** 084172

ADENOMA
with **adrenocortical adenoma** in a dog. 085651
of pulmonary sheep **adenomatosis agent** ant- 085574
Occurrence of **pulmonary adenomatosis** of s- 085519

Isolation of sheep **pulmonary adenomatosis** 085575

ADENOSINE
Adenosine 3':5'-cyclic monophosphate-bindi- 087257
of plasma membrane-**associated adenosine** th- 087851
of 5'-amido analogues of **adenosine cyclic** 3', 087271
Adenosine diphosphate sulphurylase activity 087965
Presence of **high adenosine** triphosphatase a- 084142
by cyclic 3':5' **adenosine monophosphate.** [088041
protein synthesis & **adenosine nucleotide** le- 087551
Salt-**stimulated adenosine** triphosphatase fr- 088158
Adenosine 5'-sulphatophosphate kinase activ- 087966
Adenosine 5'-triphosphate sulphurylase from 087256
of in vivo ATP [**adenosine triphosphate**] syn- 087687
ATP [**adenosine-5'-triphosphate**] stimulates 087913
Seedling vigor & **adenosine triphosphate** lev- 087952
inhibition of ATP [**adenosine triphosphate**] 089541
on extraction of **adenosine triphosphate** from 091521
ATP [**adenosine triphosphates**] driven rever- 088039
of ATP[**adenosine tripshophated**] & NADPH 087381

ADENOVIRUSES
of an avian **adenovirus-associated** virus. [Qu- 085377
in hamsters with a **bovine adenovirus** strain 085243
Adenovirus infection & disease. I. Some cha- 085270
Characteristics of **adenovirus infection** in ca- 085587

ADHESIVE
emulsion of bitumen & solution of **adhesive** 091598
Certain **accuracy adhered** to present livesto- 084396
Studies on **cell adherence** reaction with Dic- 085571

ADIPOSE
Basal lamina of white fat **adipose cell** & its 084021

ADMINISTRATION
SEE MANAGEMENT

ADNEXA
Surgery of skin & **adnexa:** hygroma of elbow 085042

ADOLESCENCE
enriched TVP & beef for **adolescent boys.** 082962

ADOXOPHYES
autocidal control of **Adoxophyes reticulana** 090063

ADRENAL
Assessment of **adrenal function** in dogs. 084111

ADRENALIN
of noradrenaline & **adrenaline** in **sheep** befo- 084276
of noradrenaline & **adrenaline** in **sheep.** 084277
rat mammary gland with **adrenalin** in **vitro.** 084174

ADRENERGIC
response to beta **adrenergic agonists** & anto- 084470

ADRENOCORTICAL
with **adrenocortical adenoma** in a dog. 085651

ADSORPTION
Moisture **sorption behaviour** & packaging of 083783
method on **adsorption** of **benzene** vapor by 083303
Caustic sorption in cotton fibers as affected 083674
Dessau" Salmonella **choleraesuis adsorbed** v- 085228
Drying degrade, changes in **sorption, colour** 086153
film as affected by vapor-**phase adsorption** of 086100
Adsorption of **polyvinyl** alcohols by oxides 091594
under storage. I. Rate of **sorption** by **seeds** 083527
protein solubility & **adsorption** of **sulphonic** 082956
Adsorption of **traces** of insecticides from wa- 090405
On **sorption** of **volatile** aroma constitutents 083228
Water sorption by dried dairy products stab- 083311
Sorption of **water** vapour by wheat flours. 083610

ADSUKI
SEE BEANS

ADULTERATION
fats prepared fro Greek army. [**Adulteration** 082748
of beeswax & detection of **adulteration.** 082792
Adulteration according to paragraph 36 of 082618
of lemon juice. [Citric **acid adulteration**]. 082790
Detection of **adulteration** in **apple** juice con- 082877
pancreatic lipase. [Olive **oils, adulteration**]. 082876

ADULTS
II. Irradiation of larvae, pupae, & **adults.** [090189
II. Water balance of nymphs & **adults** in re- 090467
four dichlorvos formulations **against adult** 085298
on respiratory metabolism of **adult beet** ar- 090464
proteins of chick embryos & **adult chickens** 084253
with extracts of different **adult Culex** pipiens 090701
Tribolium. I. Differences in **adult emergence** 090771
study of cell types of an **adult epidermis:** Pl- 086696
Hubner) **adults** after **exposure** to sublethal 090567
metabolic antigen activity of **adult Fasciola** 085185
Sex attractiveness of **adult female** elder sho- 090033
Nitrogen balances of **adult human** subjects f- 082906
Longevity of gamma-**irradiated adults** of Pi- 089980
light-trap catches of **adults** in an **isolated** ag- 090031
H.T) on appetite & live weight of **adult male** 084430
II. values of various leads on **adult mongrel.** 084082
Japanese pine Sawyer **adult, Monochamus** a- 090139
colour variations in **adults** of **olive** fruit fly, 090089
oryctes. II. Effect on **adults** of **Oryctes** rhin- 090036
of feed-nutrients with **adult ruminants.** 084613
of levamisole against larval & **adult stages** of 085597
of 32P [phosphorus] **tagged adults** in field. 089924

AEDES
of age in female **Aedes taeniorhynchus.** 090641
Confirmation of **Aedes taeniorhynchus** in O- 090993
by mosquitos. [Culex pipiens, **Aedes aegypti** 090218
culex pipiens quinquefasciatus, **aedes aegypti**] 090249
mortality of Culex tarsalis & **Aedes aegypti** 090259
in Culex pipiens fatigans & **Aedes aegypti.** 090296
in a laboratory culture of **Aedes aegypti.** 090440
sexual behavior of free-flying **Aedes aegypti** 090477
IV. Secretion of trypsin by **Aedes aegypti** (090496
of ovarian development in **Aedes aegypti.** 090706
Genetic manipulation of **Aedes aegypti:** inco- 090844
on midgut protease activity in **Aedes aetypti** 090643
cells & in mouse brain. [**Aedes albopictus**]. 085585
Susceptibility of **Aedes albopictus** mosquito 090439
cells & in mouse brain. [**Aedes albopictus**]. 090833
of two species of high-**arctic aedes** (Diptera: 090500
of mouthparts of larval **Aedes communis** (D- 090996
a parasite of larvae of **Aedes excrucians** Wa- 090764
as a function of age in **female Aedes** taenior- 090641
on sexual behavior of free-**flying Aedes** aegy- 090477
Morphology of mouthparts of **larval Aedes** 090996
salinity tolerances of **Aedes melanimon** Dyar 090286
Physiological age of **Aedes mosquitos.** 090220
melanimon Dyar & **Aedes nigromaculis** (Lud- 090286
passed by mosquitos. [Culex **pipiens, Aedes** 090218
culex pipiens **quinquefasciatus, aedes** aegypti 090249
Identity of **Aedes species** unkown of Knight 090995
Thermal modification of **Aedes stimulans.** 090648
of age in female **Aedes taeniorhynchus.** 090641
Confirmation of **Aedes taeniorhynchus** in O- 090993

AEGILOPS
variety Bezostaja 1 & **Aegilops cylindrica.** 086836

AERATION
flours: Influence of **aeration** upon **evolution** 083528
of storehouses & outlays of **aerated hay.** 091402
Effect of **aeration** on **modification** of root st- 088033
an alternative for **aeration** in **oxidation** ditch 092403
treatment on water potential & **soil aeration** 086034
added acid, & **aeration** on **storage** properties 083277

AERIAL
Aerial application of Bacillus thuringiensis 090111
Aerial detection of tobacco ringspot virus-in- 089389
in arable land by **aerial photograph:** a case 092225
Snow survey by **aerial photographs.** 092088
Aerial photography: use in detecting simula- 089918
Aerial spraying trials in West Africa for bla- 090275
of radioactive strontium soil & **aerial uptake** 087566

AEROBES
cooling & by storage in **aerobic & anaerobic** 083888
of carotenoids under **aerobic & anaerobic** co- 087921
seedlings grown under **aerobic conditions.** 087742
acetic acid during **aerobic oxidation** of sulfite 089542

AEROBIOLOGY
Aerobiology of two **peanut** leafspot fungi. [089190

AEROMONAS
Pseudomonas, **Aeromonas, Bacillus** cereus]. 082862

AEROSOL
coronavirus vaccine administered by **aerosol** 085246
bases in application of **insecticidal aerosols** 089834

AESCULUS
secreted by buds of **Aesculus hippocastanum** 087490

AESHNA
of wing muscles in **dragonfly Aeschna** grand- 090666

AETIOLOGY
SEE ETIOLOGY

AFFORESTATION
with special reference to **afforestation.** [Pin- 086034
to utilization by **afforestations** of **former** bed 085959
Afforestation & **nursery** techniques in turkey 086054
plant for Pinus **pinea afforestation** on coastal 086029
Afforestation & **turfing** of mining dumps. 086059
Wasteland afforestation in Denmark. 086001
Development of **afforestation work** by public 085939

AFLATOXINS
of chicken embryo bioassay for **aflatoxin** B1 082693
Microflora und **aflatoxin** B. Amount of grou- 083851
areas pertinent to feedstuffs. [**Aflatoxin**]. 083855
distribution & metabolism of **aflatoxin** B1-1 084257
areas pertinent to feedstuffs. [**Aflatoxin**]. 085771
chromatography to analysis of **aflatoxins.** [087244
Tell-tale glow. [**Aflatoxin, Aspergillus** flavus 088563
Rapid detection of **aflatoxin contamination** 082686
rapid screening method for **aflatoxin** in **corn** 082681
screening methods for **aflatoxin** in **corn.** 082687
Sensitive procedure for **aflatoxin detection** in 082789
Persistence of **aflatoxin** during **fermentation** 082675
Aflatoxins or **flavacoumarins** & their propert- 082882
ion concentration] on **aflatoxin-formation** in 083380
Aspergillus flavus & **aflatoxins** in **harvested** 083910
of **aflatoxin** M1 & M2 in **milk.** 082898
Aflatoxin production of species & strains of 088993
Incidence of **aflatoxin** in **southern** corn, 196 082715
Production of **aflatoxin-M-Standards** for ana- 083379

AFTERBIRTH
SEE PLACENTA

AGALACTIA
Mastitis-metritis-**agalactia complex** (MMA) 085332

AGAR
for preparing fungi on **agar** for **critical** exam- 086308
Agar diffusion system with Bacillus stearoth- 083248
Comparative study of **agar mediums** for pro- 085316
in hydrated starch & **agar** at low **moisture** l- 083147
microorganisms on colonization of **agar plate** 089083
phenomenon observed on **agar plate** polyoxin 089281

AGARICACEAE
Agaric flora of an extreme late season in D- 086400
Actarius vellerus, **Lactarius pergamenus**]. 087616

AGAROSE
Agarose gel filtration of Triticum vulgare pr- 087826

AGATHIS
Establishment of **Agathis pumila** (Ratz.) for 090166

AGAVE
responses of lechuguilla (**Agave lecheguilla** 087594

AGELENA
as a predator of **Agelena opulenta** L. Koch. 089977

AGGLUTINATION
methods for **agglutination** of **protoplasts** fr- 088177
Use of a **slide agglutination** test to demonst- 085253
immunoelectrophoresis & **agglutination test** 085432
antibody & capilary tube **agglutination test.** 085595

AGGLUTININS
Purification of wheat **germ agglutinin** by aff- 083856

AGGRESSION
specialization & **pathogen aggressiveness** in 089189

AGING
Nutrition in old **age.** 082984
absorption in calves one-two weeks of **age.** 084072
of steers with advancement of **age** from- 084159
of cross-bred calves up to 3 months of **age.** 084541
to reproductive performance & **age.** 084768
history of Scandinavia's Middle **Ages.** 086295
Herd-level methods for **age adjustment** of m- 084244
A recent study of **age adjustment.** [Lactation 084245
Age adjustment of production records: histo- 084858
influenced by diet protein level, **animal age** 084581
II. Effect of **ageing** at 5 **centigrades** & at ro- 083235
Relation between **age** & **certain** wool charac- 084919
A radiographic study of **age changes** in skull 084206
On transmission of **age changes** in woody pl- 086017
cholera in weaned piglets **aged** 36-66 **days** o- 085548
Age dependent resistance to transmissible g- 085310
Effect of **age** & **dietary** magnesium on volun- 084589
in oviduct structure in sows of **different age** 084361
of oils in leaves of **different age.** 088292
of suberin forming cells from **aging discs** of 086830
on basis of life cycle & **age distribution** of c- 087377
Effect of **ageing** on **enzymes** of phenylpropa- 088141
Effect of **age** of **female** on fertility of Zebu 084944
utilization as a function of **age** in **female** Ae- 090641
of raw beef: influence of **aging, freezing** rate 082959
Influence of **aging** on **Gardona** residues when 090185
Degenerative myelopathy in **aging German** 085635
Age-grouping investigations on Anopheles s- 090799
Aged households in rural development of Ad- 082022
Effect of different **leaf age** on relationship b- 087693
Significance of breeding **material age** for de- 091218
of adjusting to other than **mature age.** 084246
Schreiner retires at **age** 70, in **November** 1 085862
Age of **observed** change caused by foulbrood. 091112
spruce plantations to **age** 50 at **Petawawa** F- 086015
Physiological age of Aedes mosquitos. 090220
against hog cholera in weaned **piglets aged** 085548
of photoperiodic dosage & **plant age** on rice. 087698
Relation of **age** of **plants,** temperature, & in- 089316
vacuum packaging effects on **pork aging.** 082799
Effects of **postmortem aging** on chicken mus- 083514
Effect of **postmortem aging** on chicken brea- 083515
of leaf epidermes during **ageing** of **primary** l- 087984
studies on leaves with their **ageing process** in 088194
due to species, strain, & **age** at **pupation.** [T- 090771

Age-related change of LDH [lactate dehydr- 084098
Influence of **age** on **response** of rat stem spe- 084799
Ageing of **rural** population--causes & effects. 082014
Tenebrionidae): variation with **age & sex.** 090202
Old **age & social** work in rural areas. [Yugo- 082019
Age structure & productivity of pine forests 085879
of arteries & veins in cattle of **various age.** 084031
complexes in plant organs of **various ages.** 087920
Effect of **age** on **water** metabolism in hens. 084322
efficiency of cows of an **age** of up to 5 **years** 084382

AGITATION
properties. I. Effect of **heating, agitation,** h- 083234

AGLAIS
Aglais urticae L. of. nigrita Fickert. 090987

AGLYCONES
characteristics of **flavonol aglycones** secreted 087490
sugar series: effects of **aglycones** on **sensory** 083142

AGRARIANISM
table at Casa Velasquez on **antique agrarian** 081988
From economy to ecology in **agrarian policy** 092316

AGRIBUSINESS
into classroom. [**Agribusiness, teaching**]. 081898
needs for employment in **Texas agribusiness.** 091471

AGRICULTURALISTS
commercial banks financing to **agriculturists** 082226

AGRICULTURE
adoption & perception. [**Agriculture**]. 081893
Technical education in **agriculture:** its progr- 081896
teacher education staffs. [**Agriculture**]. 081899
should know about literature of **agriculture** 081902
Agriculture: Hot point for community integ- 081907
to other sectors of economy. [**Agriculture**]. 081909
Spirit of competition. [**Agriculture**]. 081918
Let's turn professional. [**Agriculture**]. 081919
System theory & **agriculture.** 081936
as an aid to modernization of **agriculture.** 081938
dynamic performance in **agriculture.** 081961
Ecology & **agriculture.** 1. It is solar energy 081984
of production in Latin America. [**Agriculture**] 081987
Mining & **agriculture.** Development or disa- 082029
Settlement & organization in **agriculture.** 082080
quadratic regression calculation. [**Agriculture**] 082101
Importance & role of services in **agriculture** 082110
for analysis & planning in **agriculture.** 082161
Added value tax in **agriculture.** 082194
Unit cost accounting in **agriculture.** 082234
Legislation on work accidents in **agriculture** 082574
legislative reflections. [**Agriculture**]. 082643
of nine: implications for **agriculture.** [Europ- 082651
Developing Indonesia's **agriculture.** 082652
Synthetic proteins: impact on **agriculture.** [082654
relation to intensive methods of **agriculture** 084694
Death of Director General of [**Agriculture**] 088517
USDA [United States Dept of **Agriculture**] 088876
Points on mechanization of **agriculture.** 091336
machine demands & operation in **agriculture** 091351
Soil survey is a pre-requisite in **agriculture.** 091574
compost & sewage sludge in **agriculture.** [Fe- 091841
Chelates & their utility in **agriculture.** 091848
of Atomic Energy in Food & **Agriculture** in 091888
of environment & care of **agriculture.** 092388
capacity of transportation unit in **agriculture** 082467
in 1970 world census of **agriculture.** 082502
persons engaged in **agriculture & active** agri- 081997
Advising farmers in an **advanced agriculture** 081932
of operation of **agricultural aircraft** in produ- 091331
Wine meeting for **amateurs agricultural** exp- 088832
American agriculture & an uncertainty. 082000
Amish agriculture: adaptive strategies for ec- 082006
research at Institute of **Agriculture, Anand.** 081968
significance for **agriculture & apiculture.** 081942
Agricultural applications of floristical resear- 088870
of adults in an isolated **agricultural area.** [C- 090031
caused by flooding. [**Agricultural areas**]. 082493
Federal Forestry **Agricultural Association.** 085822
Resource use in **Australian agriculture.** 081945
Aspects of **agriculture** of **Bari.** 082024
USA: how long will **agricultural boom** last? 082657
Aspects of **agriculture** in **Brindisi.** 082025
Community: will **Canadian agriculture** share 082325
Problems in **agricultural capital.** II. Credit 082292
A pattern of **agricultural change** in Ethiopia 082030
an understanding of **agricultural change.** 082122
April 18, 1873. [**Agricultural chemistry**]. 081924
evaluation of activity of **agricultural circles** 082503
of a symposium held at **Agricultural College** 091504
as an incorporated **agricultural company.** 082098
in frame of improving **agricultural concerns** 081904
peasant economy, **agricultural cooperation &** 081964
calls for new **agricultural cooperation.** 082389
development by **agricultural cooperative** : a 082159
farms from **Agricultural Cooperative** "Inain- 082172
confronted by local **agricultural cooperatives** 082160
of Swiss **Agricultural Cooperatives** guarantee 082286
of Swiss **Agricultural Cooperatives** testing c- 084679
of Far East. [Production **costs, agriculture**] 082291
of loanable funds of **agricultural credit** insti- 082214
Yield relationships of **agricultural crops.** II. 088523
diseases & pests of **agricultural crops** in Pol- 089534
methylmercury content of **agricultural crops** 090343
of microrelief of **cultivated agricultural** land 086620
Agriculture in **Democratic** People's Republic 081894
new techonology in **agricultural development** 081935
Agriculture in **development:** Cisjordan from 082535
an approach to **agricultural development** & 082596
A new strategy for **agricultural development** 082615
Agricultural development as a function of re- 082616
Agricultural development in Gujarat. [Horti- 088822
ferralitic soil subject to **different agricultural** 091486
to mechanization of **agriculture** of **district** of 091281
An evaluation of **agricultural economic** resea- 082033
Data problems in **agricultural economic** res- 082034
associated with **agricultural economic** resear- 082035
Models in **agricultural economic** research. 082037
requirements for **agricultural economic** rese- 082038
personal thoughts. [**Agricultural economic**]. 082039
Agriculture & economic growth. 082040
of international **agricultural economics** at W- 082079
of BAE [Bureau of **Agricultural Economics**] 082206
Agricultural economist & inter-disciplinary 082036
structure of peasant **economy, agricultural** c- 081964
outlook for **agricultural empolyers.** 082636
instruction in **agricultural engineering.** 081887
Institute of **Agricultural Engineering,** 1971- 091388
Basic knowledge for **agricultural engineers:** 091686
Agricultural enterprise before its future. III 082098
of property of an **agricultural enterprise** to 082520
gross profit in **agricultural enterprises** from 082084
of financing **agricultural enterprises.** 082285
availability of **agricultural equipment** is secu- 082147
Agriculture within **European** Economic Co- 081908
Kingdom] Centre for **European agricultural** 082023
cropped at five **agricultural experiment** stati- 083722
meeting for amateurs **agricultural experiment** 088832
rotations of **agricultural exploitations** in Ga- 092089
Food & **agricultural export** directory, 1973 082477
Agricultural extension in Antioquia, Colomb- 081955
Lead bank schemes & **agricultural finance.**[082228
Agricultural finance for development of fami- 082300
of commercial banks in **financing agriculture** 082224
New vistas in **agricultural financing.** [India] 082225
Problems of **financing agricultural** enterpris- 082285
Trends of development in **agriculture & food** 082553
Actual problems of **agriculture & food** indus- 082667
Trends of development in **agriculture & food** 083067
Actual problems of **agriculture & food** indus- 083233
of modern ecology. [**Agriculture, forestry**]. 082028
income rates in **agriculture & forestry.** [Aus- 082053
Hesse German Federal **Forestry Agricultural** 085822
of modern ecology. [**Agriculture, forestry**]. 085874
of pest control in **agriculture & forestry.** [In- 089781
Agricultural formulations with liquid fertiliz- 090334
Trends in **French agriculture.** 081976
Past & **future agriculture** in service of human 081951
General agricultural outlook, U.S.A. 082547
machinery stands. [**Agriculture, Great** Brita- 091328
Role of Royal **Agricultural-Horticultural** So- 081995
Council for **Agriculture & Horticulture;** ann- 082113
specific types of **agriculture & horticulture.** 088759
in development of **agriculture & horticulture** 088882
study of old **agricultural households** in Yugo- 082018
standards on **imported agricultural** products 082578
in frame of **improving agricultural** concerns 081904
of development of **agricultural income** from 082215
enterprise as an **incorporated agricultural** c- 082098
Neglected aspects of **Indian agriculture.** 082601
Indian agriculture tomorrow. 082614
advice for **agriculture & industry.** 081946
Oregon's **agricultural industry.** 082629
of application of **agricultural insecticides.** 089818
of farm land & **agricultural installations** after 082624
Contributions of **agricultural institutes** towa- 081935
of education of **international agricultural** ec- 082079
a conception of **agricultural investment** build- 082305
catches of adults in an **isolated agricultural** 090031
Sterotype of world & **Japanese agriculture.** 081978
development of **Japanese agriculture.** 082599
A close-up of **agriculture** in **Kalmar** County. 082649
of structural changes for **agricultural labour** 082092
Historical background of **agricultural land** r- 082048
Agricultural land reform in Philippines: eco- 082071
of microrelief of cultivated **agricultural land** 086620
in water management on **agricultural lands.** 092279
in street traffic. [**Agricultural legislation**]. 082647
Achievements of **local agricultural** organizat- 082150
crisis confronted by **local agricultural** coope- 082160
Luxembourg agricultural marathon. [prices] 081966
On development of **agricultural machine** im- 091352
Agricultural machine science in Switzerland 091466
Availability of **agricultural machinery** for pr- 091332
Role of **agricultural machinery** in coffee pla- 091372
limitations of use of **agricultural machinery** 091409
Show of **Agricultural Machinery.** 091413
standards for testing **agricultural machines.** 091355
for construction of **agricultural maintenance** 091249
forecasting & **agricultural management.** 082133
Agricultural management within limits of re- 082188
Luxembourg **agricultural marathon.** [prices] 081966
Priorities in **agricultural marketing** research 082315
Outlook of **marketing agricultural** products 082350
education in **agricultural mechanization.** 081901
in domain of **agricultural mechanization.** 082503
Glance at **agricultural mechanization** in Bra- 091410
Service in **agricultural monetary** movement- 082293
Tamil **Nadu Agricultural** University. [India] 081934
of ridge cultivation in **Nigerian agriculture.** 092037
of use in Pacific **Northwest agriculture.** 092232
Potential of **Norwegian agriculture.** 082625
Role of-- **agricultural occupations** instructor 081895
Control of **agricultural operations.** 082153
heavy equipment in **agricultural operations** 091371
Report of **Oppland Agricultural** Society for 081985
value of **agricultural** means as **ordered** by (I- 082488
WHO [Food & **Agriculture Organization**/ 082628
IAEA [Food & **Agriculture Organization** of 091888
of FAO [Food & **Agricultural Organization** 092008
IAEA [Food & **Agriculture Organization** of 092111
of local **agricultural organizations.** 082150
General **agricultural outlook,** U.S.A. 082547
Agricultural outlook: 1973 Canada; wheat fe- 082548
U.S.A. **Agricultural outlook:** wheat 1973. 082550
Village community & **paddy agriculture** in s- 081926
Agriculture with **passing** of time. 082556
development of **agriculture** in **People's** Rep- 091091
root performance of **agricultural plants** in di- 087228
Trends of US **agricultural policies.** 082580
out from dead end of **agricultural policy** & 082656
Agricultural politics: objectives & resources 082609
agriculture & active **agricultural population** 081997
of traditional **agricultural practices** in north 091412
Influence of **agricultural practices** on water 092276
Role of Andhra **Pradesh Agricultural** Unive- 088456
Recent trends in **agricultural prices.** [India] 082484
Agricultural prices; annual summary, 1972. 082506
Agricultural production in zone of Danube; 082009
in organization of **agricultural production.** 082162
of cost price in **agricultural production** coop- 082282
modeling of **agricultural production.** 082485
Castellon province. [**Agricultural production** 082486
Agricultural production in Chile caught in a 082572
choice of strategy. [**Agricultural production**] 082597
Virginia's **agricultural production**--now & in 082658
intensification of **agricultural production.** [F- 084474
Bee as a factor of **agricultural production** in 091084
intensification of **agricultural production.** [F- 091820
mineral fertilizers to **agricultural production** 091827
Agricultural production in zone of Danube; 092248
Viticulture topics? [**Agricultural productivity**] 082660
Outlook of marketing **agricultural products** 082350
Agricultural products dominate new thrust in 082385
consumption in 1980. [**Agricultural products** 082406
price guarantee. [**Agricultural products**]. 082440
Distribution of **agricultural products** & econ- 082444
untried in U.S. [**Agricultural products,** Mar- 082456
Price theory of **agricultural products** as rela- 082457
effect on **agricultural products** marketing. 082462
World market for **agricultural products** duri- 082474
commission income. [**Agricultural products**] 082476
standards on imported **agricultural products** 082578
contamination in **agricultural products.** 082686
in quality control of **agricultural products.** 082751
Reflections on quality. [**Agricultural products**] 082884
Pest control of **agricultural products.** [Insec- 090187
Enemies of stored **agricultural products.** [In- 090216
Agricultural program aides--why not? [Texas 081954
Management of **agricultural programmes** in 082155
improved vocational **agriculture programs.** 081903
Use of garbage slag for **agricultural purposes** 091839
Agricultural reforms & support from institut- 082128
An overview of a **regional agriculture:** Sardi- 081950
in identification of **agricultural regions** in T- 082078
Mechanization in **agriculture** & its **related** 088838
organization of **agricultural research** in Ger- 081889
economic problems. [**Agricultural research**] 081892
Agricultural research in Mysore State. 081972
Objectives of **agricultural research.** 082010
Coordination of **agricultural research.** 082573
Agricultural research in Andhra Pradesh. [F- 088455
National Institute of **Agricultural Research**] 088944
project. [Natural **resources, agriculture**]. 092296
Agricultural returns 1972. [Isle of Man]. 082263
Role of **Royal Agricultural-**Horticultural So- 081995
U.S. **Agricultural sales** to Japan headed for 082383
Price development in **agricultural sector** dur- 082421
Community: will Canadian **agriculture share** 082325
of competition of **agricultural sites** in Hesse 082554
circulating funds in **agriculture** of **Slovak** So- 082281
of planning of **socialist agriculture** in Czech- 082540
Report of Oppland **Agricultural Society** for 081985
Agriculture on **spaceship** earth. 081933
in development of **agriculture** with **special** r- 081937
Spreading & retention of **agricultural sprays** 090338
Enemies of **stored agricultural** products. [In- 090216
school vocational **agriculture student** should 081902
Centre for European **agricultural studies.** [082023
leaders. role of **agricultural supervisor** & tea- 081900
Union of Federations of **Swiss Agricultural** 082286
Union of Federations of **Swiss Agricultural** 084679
Common Market's **agricultural system** & free 082610

adoption process. [**Agricultural technology,** 081912
on standards for **testing agricultural** machin- 091355
Mediterranean climate & **agricultural tillage** 091580
Indian **agriculture tomorrow.** 082614
Agriculture & tourism. 082042
of overhauls of **agricultural tractors.** 082287
Prospects for **agricultural tractors.** 091433
Disorganization of **traditional agriculture** in 081989
Mechanization of **traditional agricultural** pr- 091412
subject to different **agricultural treatments.** 091486
Tamil Nadu **Agricultural University.** [India] 081934
of Andhra Pradesh **Agricultural University.** 088456
technical knowledge in **agriculture** of **village** 081906
materials for **vocational agriculture.** 081897
secondary school **vocational agriculture** stud- 081902
a key to improved **vocational agriculture** pr- 081903
education of Vo-Ag [**vocational-agriculture**] 081965
municipal, industrial, & **agricultural waste** 092319
Agricultural wastes. 092446
of plastic materials in **agricultural water** ma- 091366
Requirements of **agriculture** in **water** manag- 092077
transport in transport in **agricultural works** 091364
Division of **agricultural zones.** 082032

AGRIONIDAE
v.d. L.) (Odonata **Zygoptera Agrionidae**): p- 090819

AGRIOTES
Molting time of **Agriotes larvae** (Coleoptera 090766
for a sex attractant in **Agriotes lineatus** (L.) 090548

AGROBACTERIUM
in vitro. [**Agrobacterium tumefaciens**]. 089294

AGROCHEMISTRY
quality in region of **Agrochemical Centre** of 089471

AGROECOLOGICAL
SEE ECOLOGY

AGROMYZIDAE
beans in Egypt. Diptera: **Agromyzidae.** 090094

AGRONOMISTS
Xenophon Papavasileiou. [**Agronomists**]. 088517
Soil sampling methods used by **agronomists.** 091483

AGRONOMY
Kenyan conditions). [Silviculture. **Agronomy**] 085844
Summer jobs in ag careers. [**Agronomy**]. 081996
Agronomic aspects of development of sunfl- 088315
on soil microflora: **Agronomic consequences** 089619
Studies on **agronomy, genetics** & interrelati- 088419
Agronomic implications of long-term weather 088407
Agronomic performance parameters & prop- 088327
Agronomic problems posed by annual wild r- 089618
Institute for tropical **Agronomic Research**] f- 088317
variety test, 1972; **Agronomy Research** Cen- 088363
Agronomic research on drainage on Sele pla- 092207

AGROPYRON
of cutting, & Nitrogen fertilizer. [**Agropyron**] 088357
or couchgrass? [**Agrostis, Agropyron** repens] 089597
L., Avena strigosa Schreb. **And Agropyron** r- 089750
Control of **Agropyron repens** in potatoes wi- 089642
Chemical control of **Agropyron repens** in po- 089643

AGROSTIS
or couchgrass? [**Agrostis, Agropyron** repens] 089597
bentgrass in California. [**Agrostis tenuis**]. 087703

AGROTIDAE
Boisd. Lepidoptera: **Agrotidae-Acontiinae.** 089957
Egypt. Lepidoptera: **Agrotidae Zenobiinae.** 089955

AGROTIS
in development of **Agrotis exclamationis** L. 089774
Lepidoptera: Noctuidae. [**Agrotis ipsilon,** S- 090816
cutworm. [Agrotis **segetum, Agrotis** exclama- 089850

AIR
of lead by alfalfa & corn from soil & **air.** 087888
Keeping cotton wastes from **air.** 092295
Quality of **air:** a study of pollution. 092429
particle size by sieving & **air classification.** 083548
properties of water-extracted **air-classified** s- 083546
of microclimates, frost pockets & **cold air** m- 089440
ventilation with cold, outside **air compared** 083829
airborne microorganisms in **air conditioning** 092308
Water & **air conditions** in particular soil ag- 091725
with recirculation of artifically **cooled air.** [083829
humidity concentrations in **air** on **course** of 085183
humidity concentrations in **air** on **course** of 085184
humidity concentrations in **air** of **course** of 085186
Air curtains for fly control an experimental 090269
Theological properties of water-**extracted air** 083546
in urban areas. [Plant **injuries, air** pollution 089475
Air-layering for house plants. 088742
Design of psychrometric charts for **moist air** 091330
frost pockets & cold **air movement.** [Micron- 089440
draught ventilation with cold, **outside air** c- 083829
Air pollution injury of potato in Michigan. 089441
in urban areas. [Plant injuries, **air pollution** 089475
Barks as indicators of **air pollution.** 089576
Air pollution in pulp & paper industry. 092305
Air pollution, its causes, biological effects on 092387
gin in Texas stripper area. [**Air pollution**]. 092434
Barks as indicators of **air pollution.** 092437
Air pressure within soil aggregates during q- 091589
Plants as incicators of **air quality.** [Pollution 089505
of traces of insecticides in **air samples.** 090406
Mechanical properties of **soil-air-**water syst- 091583
thermotolerant fungi in **air-spora** at Cambri- 089018
of lettuce growth in an **air-supported** plas.ic 087764
during curing. II. Effect of **air temperature** 083678
Effect of **air temperature** on growth of Pinus 088278
Tap-water & **unfiltered air** as sources of err- 086319
plants, predried on field, with **unheated air.** 083906
Mechanical properties of soil-**air-water** syst- 091583

AIRBORNE
sensitive indicators of **airborne mercury** pol- 089450
determination of **airborne microorganisms** in 092308
Evidence for **airborne spread** of Newcastle d- 085398

AIRCRAFT
of operation of **agricultural aircraft** in produ- 091331

AIZOACEAE
for definition & classification of **Aizoaceae.** 086730

ALANINE
Uptake of **alanine-**14C [carbon] by soybean 087710

ALANYL
Spearation of phenylalanyl & **alanyl chains** 084167

ALAR
succinic acid 2,2-dimethyl hydrazide **(Alar)** 088213
apples as affected by **Alar** & **ethylene** remo- 083716
Alar-notal & tegmino-alar sound production 090745
Some effects of **Alar-**85 on **physiology** of alf- 087718

ALATA
SEE MOLLUSKS

ALBIFLORA
SEE FLORA

ALBIMANUS
SEE MOLLUSKS

ALBINO
Schistosoma mattheei in **albino m·** 085189

ALBIZZIA
species of Ravenella on Abrus & **Albizzia.** 086461
different species. [Acacia **georginae, Albizzia** 087477
rhythmic movements of **Albizzia julibrissin** 088161

ALBUMINS
on blood glucose, urea & **albumin levels.** [C- 084353
pepsin digestion of bovine **plasma albumin.** 084056
chemical properties of **serum albumins** from 084028
FITC-labelled bovine **serum albumin** into is- 088232
of egg proteins with **albumen-specific** antise- 083500

ALCOHOL
production of Nocino of Modena. [**Alcohol**] 083114
AdhIFCm "Operon". [**Alcohol dehydrogenase,** 087075
between ADH [**alcohol dehydrogenase**] isoz- 087076
by two, unlinked **alcohol dehydrogenase** gen- 087077
Rate of **alcohol dehydrogenase** in vivo decay 087092
of variation in ADH [**alcohol dehydrogenase** 087093
Regulation of **alcohol dehydrogenase** (ADH) 087803
induction of ADH [**alcohol dehydrogenases**] 087694
A, an exceptional **diterpene alcohol** from br- 087214
determination of some **alcohols, ester** & aci- 083628
for ethyl caprylate & phenyl **ethyl alcohol** 082965
E, selenium, antioxidants & **ethyl alcohol** in 084601
of whisky & **alcohol** within **European** Econ- 082407
light immunofluorescence of **alcohol-fixed** co- 085314
Hisotry of Japanese **alcohol industry.** 3. 083134
spectral studies of novel **keto-alcohols** from 087559
Metabolism of **lower alcohols** in plants. 087380
Effect of **alcohols & organic** acids on growth 087600
Phenethyl alcohol resistance in Saccharomy- 086878
Adsorption of **polyvinyl alcohols** by oxides 091594
Polyvinyl alcohol as a stabilizer of surface s- 091985
by ethanol & other **alcohols** in **relation** to p- 089196
Phenethyl **alcohol resistance** in Saccharomy- 086878
a new tricarbocyclic **sesquiterpene alcohol.** 088285
ethyl vanillin in **alcoholic solutions.** 083120
germination by secondary, **univalent alcohol,** 088114
Products specified by two, **unlinked alcohol** 087077

ALDEHYDES
Synthesis of **aldehydes & acetals** by yeasts 083696
by foods. VII. **Aliphatic aldehydes.** 083228

ALDICARB
Phorate & **aldicarb:** effects of systemic fungi- 089108

ALDRIN
Aldrin epoxidation by plant root extracts. [088142

ALEURONE
of hydrolase synthesis in **aleurone cells** of b- 087682
phenomenon resulting in **aleurone color** inhi- 087027
Sources of maize with **multilayer aleurone.** 086549

ALEXANDRIA
SEE ECHINODERM

ALEYRODIDAE
Genn.). Hemiptera, Homoptera: **Aleyrodidae** 091034

ALFALFA
of two basic color factor genes in **alfalfa.** 086913
morphological characters in **alfalfa** (Medica- 086991
Importance of cross pollination of **alfalfa** (087647
crops & manuring of seed stands of **alfalfa** 088305
medicaginis in Medicago spp. [**Alfalfa**]. 089222
resistant & susceptible varieties of **alfalfa.** [089315
crops & manuring of seed stands of **alfalfa** 091787
Cross-fertilization of **alfalfa** as **affected** by g- 086890
Dock plants in **alfalfa & clovers.** [Rumex, w- 089690
Uptake of lead by **alfalfa & corn** from soil 087888
of light source on growth of **alfalfa cultivars** 087720
Modern harvesting of **alfalfa & decrease** of 088307
Biological value of **alfalfa flour** dried artifici- 084725
Germination of **hard alfalfa** seeds under acti- 087654
of Kochia hay compared with **alfalfa hay.** [084592
flavonoid accumulation in **alfalfa infected** by 089195
Fertilizer trials on **irrigated alfalfa** in central 092005
of Alar-85 on physiology of **alfalfa & Ladino** 087718
temperature on activity of **alfalfa leaf-**cutter 090652
Beekeeping with **alfalfa leafcutter** bees in C- 091109
Isolation of cerebroside from **alfalfa leaves.** 087704
mining. [reclamation, **Lolium, alfalfa**]. 092060
Evaluation of **alfalfa meal** as a dietary ingre- 084463
Effect of feeding of **alfalfa meal** on perform- 084666
Occurrence of new strains of **alfalfa mosaic** 089361
spot mosaic virus, a strain of **alfalfa mosaic** 089401
of digestibility of **alfalfa protein** concentrates 084600
staining technique in **sampling alfalfa** weevil 089897
Germination of hard **alfalfa seeds** under acti- 087654
to yield & longevity of **alfalfa stands** (1955- 092002
Alfalfa variety test, 1972; Agronomy Resear- 088363
studies of **alfalfa** in West **Virginia** in relation 092002
staining technique in sampling **alfalfa weevil** 089897
nitrogen fertilizers on **alfalfa yield.** 091981

ALGAE
plankton biocenosis of Lake Annecy. [**Algae** 086626
for organic substances in seaweeds. [**Algae**]. 087300
wastes with help of lower plants. [**Algae**]. 087362
Thorium in water & **algae** from **Adriatic** Sea 087435
contained in blue-green **alga Anabaena** cylin- 087412
in cell extracts of blud-green **alga Anabaena** 087450
of trichome-migration of **bluegreen algae.** 089603
diterpene alcohol from **brown alga,** Pachydi- 087214
of acid polysaccharides by **brown alga** Pilay- 087336
lorica fine structure of **chrysomonad alga.** D- 086714
Algal communities of exposed & protected 086502
Summer **algal communities** & primary prod- 086667
of nitrogen-fixing **Cyanophyta algae** in cent- 086457
culture of nitrogen-fixing **Cyanophyta algae** 088959
Algae from **Dortmund** overseas. [Food, prot- 083224
of two-iron plant & **algal ferredoxins.** An el- 087255
Amino acid composition of **freshwater algae** 087235
Continous cultures of an **alga** & its **garzer.** 086640
of mutagenic chemicals on blue-**green algae.** 087262
of ribosomal RNA in blue-**green algae.** [Tol- 087368
polypeptide contained in blue-**green alga** An- 087412
activity in cell extracts of blud-**green alga** 087450
flexilis] that lyses blue-**green algae.** 087452
nature of a pigment system in **green alga** P- 087475
Blue-**green algal** virus N-1: physical propert- 089421
of a virus infecting a blue-**green alga** of genus 089424
Bromine phenols of a red **algae, Halopytis** i- 087523
in fresh water red **alga Lemanea** fluviatilis C 087628
A seasonal study of **marine algal** vegetation 086398
A study of shell-boring **marine algae** around 086399
Marine algae of Virginia & Maryland includ- 086571
Marine algae of Wellington area: a list of s- 086614
tests on marine **nanoplanktonic alga** Platy- 087363
Contributions to physiology of **native algae.** 087628
alcohol from brown **alga, Pachydictyon** cori- 087214
retention in **photosynthesizing algae.** [Chlor- 087269
acid polysaccharides by brown **alga Pilayella** 087336
on marine nanoplanktonic **alga Platymonas** 087363
Waste, water **pollution, algae**]. 092449
ecological study of **algal population** of a coa- 086387
Mass culture of **protococcal algae** in open. 088957
Use of **protococcal algae** in purifying waste 092363
a pigment system in green **alga Protosiphon** 087475
Bromine phenols of a **red algae,** Halopytis i- 087523
Assimilation in fresh water **red alga** Leman- 087628
An **algal regenerative** system for single-fami- 092326
intensity of unicellular **alga Scenedesmus** ob- 087295
study of phytoflagellate & **algal secretion** in- 087310
Summer algal communities & primary prod- 086667
to obtain pure cultures of **unicellular algae.** 087595

A seasonal study of marine **algal vegetation** 086398
Blue-green **algal virus** N-1: physical propert- 089421
Fresh-**water algae** of New Jersey. I. Cyano- 086609

ALIMENTARY
functional organization of **alimentary centre** 084325
of digesta along **alimentary tract** of rabbit. 084041
magnesium & calcium from **alimentary tract** 084656
Parasitic invasions of **alimentary tract** of br- 085429
bacteria isolated from **alimentary tract** of s- 085576

ALIPHATIC
determination of volatile **aliphatic acids** & l- 083913
by foods. VII. **Aliphatic aldehydes.** 083228
Commiphora mukul)-3 long-**chain aliphatic** 088303
Unsubstituted **aliphatic monocarboxylic** acids 083382

ALISMATACEAE
Studies in **Alismataceae.** III. Floral anatomy 086740
Studies in **Alismataceae.** IV. Developmental 086741
gynoecium of **Sagittaria latifolia.** 086745

ALKALI
stable isotopes of alkaline & **alkali earth** el- 087568
fym a good combination in **saline alkali** soils 091632

ALKALINE
ion concentrates] from **alkaline** to **acid.** [Soi- 091630
Problem of **acid-alkaline** properties of lysim- 091700
stable isotopes of **alkaline** & **alkali** earth el- 087568
on bone growth & **alkaline phosphatase** acti- 084248
Structure & activity of **alkaline proteinase** f- 083606
Alkaline, saline & acidic soil of Chingleput 091575
wheat gluten polypeptides at **alkaline side** of 083656
of chromophores from **alkaline solutions** of 086252

ALKALOIDS
constitutents. II. Two **acridone alkaloids** fr- 087347
Alkaloids of **Argemone** albiflora, Argemone 087481
substances. XIX. **Aspidosperma alkaloids.** 087216
of photosynthesis of some **alkaloid-bearing** p- 087379
Mechanisms of indole **alkaloid biosynthesis.** 087576
Structure of funiferine, a **biphenyl alkaloid** f- 087442
E : Two new **alkaloids** from **Buxus** sempervi- 087625
Reaction with **Cinchona alkaloids.** 087591
Alkaloid content of spotted Asiapoppy. [R- 087210
a new **alkaloid** from **Daphniphllum** macropo- 087427
Desmodium alkaloids. IV. Chemical & phar- 087555
Tertiary **dihydroprotoberberine alkaloids** of 087532
on aromatic pathway & **alkaloid formation** in 087264
Further alkaloids of Alstonia muelleriana. 088286
conformational analysis of **indole alkaloids** 087387
Mechanisms of **indole alkaloid** biosynthesis. 087576
Minor alkaloids of Rauwolfia caffra. 087531
Indole & **oxindole alkaloids** from Uncaria b- 087495
by discarine B, a new **peptide alkaloid.** 088040
Biosynthesis of **peyote alkaloids.** [Lophopho- 087439
Chemistry of **peyote alkaloids.** [Lophophora 087445
of a 1-**phenylethylisoquinoline alkaloid** from 087349
yields of **alkaloids** through **precursor** biotra- 087446
Alkaloids of **root** bark of Crioceras dipladen- 087494
analysis of indole **alkaloids roxburghine** B, 087387
Alkaloids from **seeds** of Strychnos wallichia- 087429
Steroidal alkaloids of Malouetia brachyloba 087527
Steroidal alkaloids. CLVI. Preparation of 1 087592
Distribution of **total alkaloids** & major com- 082634
Alkaloid transport in plants. 087626

ALKANE
Enzymatic esterification of **alkane-2, 3-diols** 084057

ALKYL
two N:N'--diarylthioureas & several s-**alkyl** 088983
methyl & thiophanate to **alkyl benzimidazol** 089169
substrate to specificity of S-**alkyl cysteine** l- 087477
analysis of **alkyl phosphate** metabolites in u- 090346
properties of some **alkyl-substituted** alkoxy- 083125

ALKYLATION
protectants & **alkylating compounds.** 087147
a reaction product of **alkylation** of **proteins** 083499

ALLATUM
Corpus **allatum control** of ovarian developm- 090706
genital organ & activity of **corpus allatum** in 090857

ALLELE
Conditional colored & **colorless alleles** at Cl 087028
I **interallelic complementation** in locus ad2 087164
Allelopathic influence of Avena fatua: allelo- 087620
Allelopathic relationship between yellow bir- 086026
Competitive & **allelopathic suppression** of u- 088304
Yg4 allelic to oy, designated Oyyg. [Corn]. 087035

ALLERGY
Clinical allergy. [Veterinary medicine]. 085614
Allergic flea dermatitis. [Dogs]. 085505

ALLIUM
like complexes in **Allium cepa** microspores, 086749
as cytoplasmic inclusions in **Allium cepa** roo- 086811
Inorganic cations in **Allium cepa** roots. Intr- 086812
on germination of onion (**Allium cepa** L.) se- 088200
by indoleacetic acid. [**Allium fistulosum,** bro- 086957
dormancy of chives (**Allium schoenoprasum** 088019

ALLOMYCES
initiation of mitosis in **Allomyces neo**-monili- 086865
from aquatic phycomycete **Allomyces neo**-m- 087238

ALLOPHANE
Potassium in **allophane** & in **zeolites.** [soils] 091615

ALLOPURINOL
Allopurinol in **treatment** of an intractable 085750

ALLOSTERIC
An **allosteric** alpha-**glucan** phosphorylase fr- 087974

ALLUVIAL
Japanese paddy fields with **alluvial clayey** s- 092188
yield of seed in conditions of **soddy alluvial** 091718

ALMONDS
Navel orangeworms & **almonds.** [Paramyelo- 090000
U.S. **Almond exports** to expand. 082450
Amino acid composition of **almonds, filberts,** 083765
Methyl bromide residues in **almonds, hazel-** 090311
Interspecific competition of **almond moth,** I- 090193
Almond moth: gamma radiation effects on li- 090194
Study of iron deficiency in **peach, almond** tr- 087994
"shelled **almond pilot** scale study application 090179
knowledge of fatty oil of **almond, pistachio** 088206
Anthracnose of **almond tree** in France. [Glo- 089021

ALNUS
of kobanoyamahannoki (**alnus inokumai** Mu- 085933
About some Pyrenomycetes on **Alnus viridis** 089031

ALPINE
in production of meat from **Brown Alpine** c- 084879
Alpine cider gum, Eucalpytus archeri Maid- 086361
A capillary watering system. [**Alpine gardens**] 088570
Expeditions from Lake Garda. [**Alpine plants**] 086343
Tasmanian alpine yellow gum, Eucalyptus s- 086375

ALSTONIA
Further alkaloids of **Alstonia muelleriana.** 088286

ALTERNARIA
of rose in Punjab. [**Alternaria alternata**]. 089073
of flue-cured tobacco. [**Alternaria alternata**] 089279
toxigenic fungi. [**Alternaria, Aspergillus,** Pe- 082801
expansum, Botrytis **cinerea, Alternaria** tenu- 089064
Gloeosporium, Botrytis **cinerea, Alternaria** t- 089226
Toko apple caused by **Fursarium, Alternaria** 089124
Problems in control of **Alternaria kikuchiana** 089127
of strain Y-33 of **Alternaria kikuchiana** Tan- 089281
infection & decay. [**Alternaria tenuis**]. 089034

ALUMINUM
or soft: sterilizable packings from **aluminium** 083069
Effects of reflective **aluminum foils** & polye- 090013
for determination of **aluminum** after **HNO** 091557
of agricultural products. [**Insects, aluminum** 090187
fumigated with **aluminum phosphide.** [Oule- 090351

AMANITA
of vanadium compound in **Amanita muscaria** 087225

AMARA
clearcuts in northern Idaho. [**Amara erratica** 090165

AMARANTHACEAE
ringspot virus in **Gomphrena globosa.** 089387

AMARANTHUS
germination by cyanide. [**Amaranthus albus,** 087547

AMBERLITE
amino acids on resin **column Amberlite** IR 083091

AMBLYOMMA
Denny), **Amblyomma albolimbatum** Neuma- 090467
Denny), **Amblyomma albolimbatum** Neuma- 090898
a hard tick, **Amblyomma americanum** (L.). 090262
on lone star tick. [**Amblyomma americanum** 090677
a hard tick, **Amblyomma americanum** (L.). 090722
a hard tick, **Amblyomma americanum** (L.). 090723
immature stages of **Amblyomma hebraeum** 090553

AMBLYSEIUS
Predation by **Amblyseius potentillae** (Garm- 090019
Mesostigmata). [**Typhlodromus, Amblyseius**] 091002

AMBROSIA
lactones of **Ambrosia cordifolia.** [Dicoria br- 087486

AMELANCHIER
Minor fruits (**Amelanchier, elderberry,** edible 088841

AMIDES
Short-**chain amides** as sources of nitrogen for 084496
nitrogen in addition to **amide nitrogen** in ni- 091825
A comparison of some **phosphorus amides** as 082885

AMINES
Formation of **biogenic amines** during fermen- 083762
Further studies on **amines** & **neutral** compo- 083519

AMINO
Reaction of 3-**amino**-1:2:4-triazole with lact- 084054
biological value of different **amino acid** sool- 082945
Control of **amino acid** content of umnalted 083039
amino acids in tea by automatic **amino acid** 083163
or feed & its waste treatment. 3. **Amino acid** 083178
Effect of **amino-acid** content of wort on for- 083540
Dimethyl sulfoxide & **amino acid** analyses. 083549
Amino acid composition of cereal & oilseed. 083654
Amino acid composition of almonds, filberts, 083765
Amino-acid composition of Iraqi dates. 083824
or feed & its waste treatment. 3. **Amino acid** 083891
Plasma **amino acid** patterns in sheep receivi- 084073
Regulation of **amino acid** transport in chick 084096
hydroxy analog on growth, **amino acid** cont- 084234
Food intake regulation: **amino acid** toxicity 084264
Amino acid retention in rats. 084283
In vitro studies on **amino acid** absorption. II 084365
broilers. 1. influence of different **amino acid** 084454
related crude protein & **amino acid** doses in 084637
Amino acid requirements of fattening swine 084638
Effect of hormones on **amino acid** imbalance 084659
Amino acid requirement of growing pigs. I. 084692
Amino acid composition of freshwater algae 087235
Amino acid sequence of cytochrome c from 087254
chromatographic properties of **amino acid** c- 087411
Occurrence of D-**amino acid** aminotransfera- 087959
On protein & **amino acid** content of Capsic- 088080
isobutyl-glutamic acid: a new **amino acid** in 088151
Effect of oxycarboxin on **amino acid** metabo- 088152
Delta-n-hydroxy-L-arginine, an **amino acid** 087237
differing in level & pattern of **amino acids.** 082908
Amino acids, additives? [Food]. 082920
Separation of basic **amino acids** on resin col- 083091
foods. I. Reaction with sulphur **amino acids** 083138
Changes in contents of free **amino acids** dur- 083158
A quantitative determination of **amino acids** 083163
oil, cholesterol, fatty acids & **amino acids** fr- 083205
Amino acids, protein & lactose contents of 083247
Possible contribution of sugars, **amino acids** 083577
changes in rat brain & plasma **amino acids.** 084264
Plasma free **amino acids** of swine as influen- 084581
source of plasma & tissue free **amino acids** in 084602
their sodium soaps & synthetic **amino acids** 084684
study of content & relations of **amino acids** 084720
of alpha animo nitrogen, **amino acids,** urea n- 084851
Presence of free & bound **amino-acids** in pl- 087406
Growth & free **amino acids** of maize seedlin- 087882
of inoculation on pattern of free **amino acids** 088071
Changes in composition of **amino acids** in le- 088204
Free **amino acids** of haemolymph of cotton l- 089862
Free **amino acids** of Pakistani wheat varieti- 089906
nucleic acids, protein & free **amino acids** in 090231
Free **amino acids** of haemolymph of cotton l- 090526
Study, with labeled **amino-acids,** of proteina- 090716
on content of nitrogen & free **amino acids** in 087875
of amino acids in tea by **automatic amino** ac- 083163
Separation of **basic amino** acids on resin col- 083091
Presence of free & **bound amino**-acids in pl- 087406
XVII: biological value of **different amino** ac- 082945
for broilers. 1. influence of **different amino** 084454
Changes in contents of **free amino** acids dur- 083158
Plasma **free amino** acids of swine as influen- 084581
protein source of plasma & tissue **free amino** 084602
on content of nitrogen & **free amino** acids in 087875
Growth & **free amino** acids of maize seedlin- 087882
of inoculation on pattern of **free amino** acids 088071
Free amino acids of haemolymph of cotton l- 089862
Free amino acids of Pakistani wheat varieti- 089906
sugars, nucleic acids, protein & **free amino** a- 090231
Free amino acids of haemolymph of cotton l- 090526
on content of nitrogen & **free amino** acids in 091978
hydroxy analog on **growth, amino** acid cont- 084234
Study, with **labeled amino**-acids, of proteina- 090716
of alpha animo **nitrogen, amino** acids, urea n- 084851
Plasma amino acid patterns in sheep receivi- 084073
changes in rat brain & **plasma amino** acids. 084264
Serum amino acids in young men consuming 082908
Possible contribution of **sugars, amino** acids 083577
in foods. I. Reaction with **sulphur amino** aci- 083138
acids, their sodium soaps & **synthetic amino** 084684
inhibition by 2-**amino**-1,1,3-**tricyanopropene** 087968

AMINOETHYL
Use of thiolated **aminoethyl cellulose** to re- 082822

AMINOLAEVULIC
compounds into delta-**aminolevulinic acid** by 087961

AMINOPEPTIDASES
aminopeptidase in **Oesophagostomum** radiat- 085399

AMINOTRANSFERASES
Occurrence of D-amino **acid aminotransfera-e** 087959
Properties of an **aminotransferase** of **pea** (P- 088168

AMMONIA
Chydrogen-ion concentration], **ammonia**-N 084550
Direct transfer of gas **forming ammonia** from 088112
Intoxication with **ammonia** of **guinea** fowl of 085789
A study of influence of **high ammonia** & hu- 085184
methods of **introducing ammonia** liquor into 091469
with metallic sodium in **liquid ammonia.** V. 086179
with metallic sodium in **liquid ammonia.** VI. 086180
of inactive phenylalanine **ammonia-lyase** in 088140
synthesis of L-phenylalanine **ammonia-lyase** 089046
induced phenylalanine **ammonia-lyase** activi- 088156
enrichments of **ammonia** & **phosphate,** & s- 087589
H20 at 25 degrees. [**Ammonia, potassium** ox- 091913
volatilization loss of **ammonia** from **surface-** 091966

AMMONIFICATION
Ammonization in **soil** with winter wheat. 091480

AMMONIUM
Acidic ammonium polyphosphate fertilizer as 091914
of feeding urea & **ammonium bicarbonate** to 084556
Ammonium chloride & ammonium sulfate in 084563
chlorethyl) trimethyl **ammonium chloride.** 087261
chloroethyl trimethyl **ammonium chloride)** 088188
quaternary **ammonium compounds** in milk. 083384
oxidation of **ammonium** in a **continous** flow 091533
Application of **ammonium nitrate** to Cherno- 091929
Determination of **ammonium nitrogen** in add- 091825
Effects of calcium & **ammonium** on **product** 087847
Ammonium regulation in Aspergillus nidula- 087414
Effect of methionine & **ammonium sulfate** u- 084568
Ammonium sulphide as a pulping agent. II. 086233
Kinetics of **ammonium uptake** by Ceratophy- 087393

AMOEBA
of ubiquinone from **vegetative amoebae** & m- 087353

AMPEROMETRY
upon shapes of **amperometric iodine,** titrati- 083564

AMPHETAMINES
hydrochloride), **eysergide, amphetamine,** vet- 085483

AMPHIDIPLOIDS
mung bean of **suspected amphidiploid** origin 086983

AMPHIPLOIDS
baking qualities of wheat-**rye amphiploids.** 083681
genus Oryza. V. Sterile **amphiploids, sativa-** 086998

AMPHIPYRA
Amphipyra livida Schiff.--new Danish owlet 090986

AMYGDALUS
plants & their hybrids. [**Prunus amygdalus**] 087993
grafting combinations. [**Prunus amygdalus**]. 087994
amygdalinum, **Prunus amygdalus**]. 089021

AMYLASES
measurement of alpha-**amylase activity.** 083567
ion-concentration] & alpha **amylase activity** 084370
Phosphatase & **amylase activity** of intact fe- 087632
study of alpha-**amylase** from **Aspergillus** ory- 087433
endosperms alpha-**amylase** of some **cereals.** 087872
of attine ants. alpha-**amylase** & **chitinase.** 090703
Amylases of **developing** wheat,barley, & oat 087726
Alpha-**amylase inhibitors** in Triticum aestiv- 087819
heterozygote excess at **amylase** I **locus** in. 084771

AMYLOLYSIS
partition of **amylolytic** & **proteolytic** enzym- 083010
on stability of **amylolytic** & **proteolytic** enz- 083103
Amylose content & **amylolytic studies** on hi- 087779

AMYLOPECTIN
of amylose & **amylopectin** in **mixtures;** chr- 083220

AMYLOSIS
of detectability of **amylose** & **amylopectin** in 083220
Amylose content & amylolytic studies on hi- 087779
barley with starch of high **amylose-content,** 087890
Study of **amylose** & its **derivatives.** [Potato 083843
Contribution to study of **amylose** in **potato** s- 083812

ANABAENA
contained in blue-green **alga Anabaena** cylin- 087412
in cell extracts of blud-green **alga Anabaena** 087450
Tolypothrix distorta, **Anabaena cyclindrica,** 087368

ANABOLISM
on cytochrome-**oxidase anabolism.** 087367

ANACARDIUM
of cashewnut (**Anacardium occidentale**). 082804
by cashew tree. [**Anacardium occidentale**]. 088075
blight of cashew (**Anacardium occidentale** L. 089038

ANACYSTIS
DNA-RNA hybrid from **Anacystis nidulans.** 087263
Chlorella pyrenoidosa, **Anacystis nidulans**]. 087269
synthesis of **anacystis ribonulceic** acids. 087259
in 800-nm region in **Anacystis** & **spinach** la- 087276

ANAEROBES
properties of **anaerobic asporogenic** bacteria 085576
storage in aerobic & **anaerobic atmospheres** 083888
Denitrification process in **closed anaerobic** 091599
under aerobic & **anaerobic conditions.** [Nom- 087921
of isolating **anaerobic, gramnegative,** non-sp- 085288
How **anaerobic storage** affects quality of do- 086256

ANAGASTA
Braconidae) inside egg of **host, Anagasta** ku- 090420
propria in flour moth. [**Anagasta kuchniella**] 090683

ANAL
Perianal gland tumors of dog. 085627
Extirpation of **anal sacs** in ambulatory dogs 085072

ANALGESICS
Xylazine: a new **sedative-analgesic** with pred- 085168

ANALOGS
chemistry & pharmacology of its **analogs.** [087440
Chemotactic effect of 5'-**amido analogues** of 087271
glasshouses using an **analogue computer.** 091267
in vitro: stimulation by **ecdysone analogues.** 090692
of synthetic juvenile **hormone analogues** on 089909
Activity of a juvenile **hormone analogue** on 090027
Juvenile **hormone analogue** in diet of waxm- 090749
Effect of methionine **hydroxy analog** on bac- 084220
Effect of methionine **hydroxy analog** on gro- 084234
chemical mutagens among **nitrogen analogs** 086956
Chlorpyrifos, its **oxygen analogue,** & 3,5,6-tr- 090349
Curculionidae), of a **synthetic analogue** of ju- 090107
implications of **analogy** between **trophic** int- 089478

ANALYZERS
in tea by automatic amino **acid analyzer.** 083163
products with "Technicon **Auto Analyzer**". 083392

ANAPHYLAXIS
Effects of **acute anaphylactic** shock on arter- 085772
changes in acute **systemic anaphylaxis** in ca- 085069

ANAPLASMA
Anaplasma marginale & **Anaplasma centrale** 085595
prophylaxis for **Anaplasma infections.** [Catt- 085453

ANASTOMOSES
On perfect stage of **anastomosis group** AG-5 086797
characteristics & **hyphal anastomosis.** 089119
as suture materials in **intestinal anastomosis** 085081

ANATOMISTS
years anniversary of **anatomist** & **co**-author 084287

ANATOMY
L.). II. Wood density, structure & **anatomy** 086125
of Bupleurum falcatum Linn. [**Anatomy**]. 086784
An **anatomical analysis** of Paris quadrifolia 086701
Anatomy of some **bamboo** species in Philipp- 086802
Anatomy of **commercial** banks financing to 082226
Anatomy of **compound** feed industry. 1. Uni- 083892
Anatomy of **emersed** parrotfeather. [Myrio- 086760
in Alismataceae. III. **Floral anatomy** of Ra- 086740
Anatomical & **histological** research on roots 089250
Anatomy & **histology** of corpora cardiaca in 090428
his studies on **anatomy** of **honeybee.** [Apis 091107
modifications of utero-**ovarian anatomical** re- 084844
Pathologic anatomy of lead poisoning in do- 085803
Pathological anatomy of conifer needle necr- 086743
Studies on **anatomical, physical** & mechanic- 086157
Differences in **anatomy, plant**-extracts, & m- 089315
Radiographic anatomy of normal canine abd- 084327
Root anatomy & growth responses of blue p- 086717
Anatomical studies on lesion of sheath net-b- 089255
Anatomical studies on sclerotia of rice plant 089256
An **anatomical study** of coconut leaves from 089410

ANCHOR
consumption patterns in **Anchorage, Alaska** 082461

ANCILLARY
SEE AUXILIARY

ANDIGENA
ellin-like substances in **Solanum andigena.** 087564

ANDRENA
near Paris from 1969 to 1970. [**Andrena**]. 090461
Fauna catalog of genus **Andrena Fabricius** (090865

ANDRENIDAE
Colletidae. **Andrenidae, Melittidae**/Apoidea) 090900

ANDROGEN
A study of effects of a new **anti-androgen** on 085726
of pollen parent on **androgenesis frequency.** 087055
Androgenesis & **indeterminate** gametophyte 087056

ANEMIA
studies on blood of **anaemic cattle:** efficacy 085781
Iron-**deficiency anemia** in mink fed raw mar- 085673
Cadmium-**induced anemia** in growing pigs: p- 085691
Antigenic drift of equine **infectious anemia** v- 085240
studies of equine **infectious anemia** virus. V. 085242
Equine **infectious anemia:** Sensitivity of indi- 085311
Prophylaxis of **anemia must** use routine me- 085731
into DNA of **Anemia phyllitidis** gametophyt- 087571

ANESTHESIA
in Snyder large **animal anesthesia** machine. 085117
Avian anesthesia. 085147
Anesthesia in **canine** cesarean section. 085119
motor activity in **unanesthetized chicken.** 084300
blood pressure of **anesthetized chickens.** 085772
Anesthesia complications. [Veterinary medic- 084997
Use of **CT1341 anaesthetic** ('Saffan') in mo- 085095
fentanyl-droperidol as an **anesthetic** in **dogs** 085167
Studies on **general anesthesia** produced by i- 085114
Advances in **inhalation anesthesia.** [Veterina- 085019
Anesthetic management of large animals wi- 085121
A new **anaesthetic-sedative** agent for birds. 085068

ANESTRUS
ovarian function in **anestrous ewes.** 084865

ANEUPLOIDS
varieties included in **European aneuploid** pr- 086834
genes in euploids & **aneuploids** of **hyacinth.** 086885
Radiation-induced aberrations in **aneuploid s.** 084292

ANGIOSPERMAE
leaves of different species of **Angiospermae.** 087192
families of **angiosperms, & comparison** with 089269
of Upper **Cretaceous angiosperm** exines. II 086327

ANGORA
cycle & gestation period of **female Angora g-** 084748

ANGUINA
Notes on longevity of **Anguina tritici** (Stein- 089493

ANHYDRASE
Reduction in carbonic **anhydrase activity** in 088013

ANHYDROUS
depth of injection of **anhydrous ammonia** on 091804

ANIMALS
Ships for **animals.** [Livestock, transportation 082470
Its a wonderful world of **animals.** 083974
Ships for **animals.** [Livestock, transportation 083998
co-author of teratology. [**Animals**]. 084287
infestation & other trematodes in **animals.** 085426
their significance in pathology of **animals.** 085699
concentrations in internal media of **animals.** 090489
Control **against animal** diseases: Developme- 084984
On vaccination of domestic **animals against** 085500
Vaccination of domestic **animals against** rab- 085501
influenced by diet protein level, **animal age** 084581
in Snyder large **animal anesthesia** machine. 085117
affecting man & **animals** in **Australia.** 085260
Lugt & Goodijk's article: Man & **beast** & **bio-** 092396
Telemetry in **animal biometeorology.** [Hors- 084200
Genetics & **animal breeding.** 084740
for improving stock **breeding animals.** 084912
in veterinary medicine & **animal breeding** se- 085127
of modern insulating in **animal buildings.** 091239
synanthropic flies to small **animal carcasses.** 090221
in plant & **animal chromosomes.** 084141
loss--due to brucellosis in **dairy animals.** 085331
Control against **animal diseases:** Developme- 084984
New legislation of **animal diseases** & its sign- 091181
of reproductive cycles of **domestic animals.** 084838
Treatment of coccidiosis of **domestic animals** 085428
On vaccination of **domestic animals** against 085500
Vaccination of **domestic animals** against rab- 085501
Disease trends in **domestic animals** & poult- 085778
external parasites of **domestic animals** in li- 090267
stability & labeling for **animal drugs** & other 082798
covering needs of **animals** in these **elements** 084712
Breeding of nursing **animals--essential** condi- 084912
Trace elements in **farm animals.** [Feeding]. 084391
helminthiasis of **farm animals.** 085427
system disturbances in **farm animals.** 085762
Waste removal in large scale **animal farming** 083943
Effect of **animal fats** on growth of chicks. 084545
Significance of protein in **animal feeding--po-** 084511
skim milk & butter-milk in **animal feeding.** 084680
pollution control bill on **animal feeding** indu- 092299
Can we tolerate antibiotics in **animal feeds?** 084631
agricultural production. [**Fertilizers, animal** 084474
as an ecological problem. [**Forest animal** pe- 089474
of herbicides on some **freshwater animals.** 089664
Animals that are **friends** to your garden. 088640
on fodder consumption by **grazing animals.** 084432
Animal health & E.E.C. Animal welfare legi- 082533
Swaziland's export abattoir. [**Animal health,** 082879
Environment & **animal health** in piglet prod- 083915
Animal health & E.E.C. Animal welfare legi- 085066
Animal health research & laboratory animals 085092
Swaziland's export abattoir. [**Animal health,** 085133
Report on diploma in **animal health** course 085136

Relation between soil & **animal health.** 085173
in pasture & their effects on **animal health.** 085710
of dimension of **animal** non-**heated** barns. 091284
III. Information relevant to **human, animal** 082795
Two-shift work in **animal husbandry.** 082164
Research approaches in **animal husbandry.** 083921
Design of experiments in **animal husbandry.** 083924
Plymouth Rock chickens. [**Animal husbandry**] 083937
thin for lack of water. [**Animal husbandry**]. 083952
Design of experiments in **animal husbandry.** 084414
pollution. 3. Effect of **animal husbandry** on 092302
Content & concepts of **animal hygiene** legisl- 082619
insemination as a means to **improve animal** 084977
of small rivers of use to **animal industry.** [F- 082309
of competition among **animal industry** work- 082665
training cadres for work in **animal industry** 084014
in chronically **instrumented animals.** 085033
induction of ferritin in **laboratory animals** p- 084310
Laboratory animals: production & managem- 084765
Animal health research & **laboratory animals.** 085092
glove for handling small **laboratory animals** 085093
filaria larvae. [**Laboratory animals,** lambs]. 085571
systems as found in a **laboratory animal** unit 092308
filaria larvae. [Laboratory **animals, lambs**]. 085571
anesthetic in Snyder **large animal** anesthesia 085117
Using antihistamine in **large animal** practice 085118
Anesthetic management of **large animals** wi- 085121
Stall systems for **large animal** stocks. 091240
as influenced by diet protein **level, animal** a- 084581
is beneficial to free-**living animals.** 092311
its transmission to other **animals** & **man.** 085517
What is a **meat animal?** [Growth]. 085422
Genetics in small **animal medicine.** 084754
substances in **animal metabolism.** 084330
to reduce costs in keeping **mother animal** for 082216
Breeding of **nursing animals**--essential condi- 084912
education. registered **animal nursing** auxiliar- 085065
concerning use of sugar in **animal nurtition.** 084676
Pigments in egg yolk. [**Animal nutrition**]. 083521
in iodized mixtures for **animal nutrition.** 084407
production. [Fertilizers, **animal nutrition**]. 084474
Oligoelements. [**Animal nutrition,** cattle]. 084480
Hybrid-line cos. [**Animal nutrition**]. 084505
of egg shell breakage. [**Animal nutrition,** po- 084528
Ingested soil & **animal nutrition.** 084657
Pigments in egg yolk. [**Animal nutrition**]. 084671
Franciszek Abgarowicz. [**Animal nutrition**] 084681
Prof. Dr. Jozef Dubiski. [**Animal nutrition**] 084689
Current trends in small **animal nutrition.** [084714
production. [Fertilizers, **animal nutrition**]. 091820
effects on livestock & food of **animal origin.** 082677
of estrogens in foods of **animal origin.** 082747
control of foodstuffs of **animal origin** during 082892
Healthy food of **animal origin** through feedi- 083166
Nutritional effect of **animal** & **plant** diets on 090794
gas forming ammonia from **animals** to **plants** 088112
causes, biological effects on **plants, animals** 092387
of fluid therapy in small **animal practice.** 085003
Using antihistamine in large **animal practice** 085118
of ferritin in laboratory **animals prior** to its 084310
studies with food-**producing animals.** 082794
labour standards in **animal production.** 082086
Routine work in **animal production.** II. Care 082173
Animal production in desert. 083957
Routine work in **animal production.** II. Care 083994
Animal production in South African Republ- 084003
Animal production & reproduction in mulga 084004
of manure utilization in **animal production.** 084009
place construction in **animal production.** 091276
potential contaminants of **animal products.** 082679
Serological identification of **animal proteins** 083473
Production of **animal proteins** dating from d- 084431
Veterinary education. **registered animal** nurs- 085065
Selection of **animals** for **reproduction** in swi- 084774
Congress on **Animal Reproduction** & Artific- 084931
non-spore-forming germs in **animal research** 085288
Animal response to diets containing opaque 084641
Nutrition of **ruminant animals** in relation to 084694
Waste removal in large **scale animal** farming 083943
of American Society of **Animal Scince.** 083960
SPF [specific pathogen free] **animal shelter** 091275
prevention of anthrax in **animals** in **Skopje** 085539
according to quality of **slaughter animals** st- 082366
of purchasing system of **slaughter animals.** 082416
for deficiency in selling **slaughter animals** w- 082468
of meat & organs of **slaughterhouse animals** 083399
use of contact occluders for **small animals.** 084301
long-term activity studies on **small animals.** 084302
Current trends in **small animal** nutrition. [084714
Genetics in **small animal** medicine. 084754
Institute for Breeding **Small Animals** at Cel- 084807
application of fluid therapy in **small animal** 085003
ligatures & fixation devices in **small animal** 085036
of synanthropic flies to **small animal** carcas- 090221
clustering of plant or **animal species** using q- 082498
as a means to improve **animal species.** 084977
of game & other **animal species.** [Yersinia] 085577
to quality of slaughter **animals stimulates** de- 082366
Stall systems for large **animal stocks.** 091240
fixation devices in small **animal surgery.** 085036
of total arsenic in **animal tissues:** collaborat- 082685
systems as found in a laboratory **animal unit** 092308
Treatment of **animal wastes** in North Ameri- 092394
Animal health & E.E.C. **Animal welfare** legi- 082533
general schema of evolution of **animal wing.** 091093

ANIONS
structure of macroporous **anion exchangers** 083683

ANISE
Composition of **anise seeds.** 083116

ANNUALS
Annuals in a **border.** [Flowers]. 088700

ANOBIIDAE
Anobiid beetles should be controlled. [Wood 090152

ANODE
pseudoobscura]. I. **anodal esterases** & their 090537

ANOMALY
Anomaly in a **Poodle** puppy. 085745

ANOPHELES
Culex pipiens, Aedes **aegypti, Anopheles** ste- 090218
activity in pupae of **Anopheles albimanus.** 090245
water dispersions. [**Anopheles albimanus,** cu- 090249
subpictus Grassi & **Anopheles annularis** Wu- 090799
Psorophora **confinnis, Anopheles** quadrimac- 090226
on behaviour of **Anopheles gambiae** sp. B in 090224
Relationships of **Anopheles A group** arbovir- 090281
Illustrated key to **anopheline mosquitoes** of 090999
Studies on **anopheles punctulatus** complex. I 090776
Studies on **Anopheles punctulatus** complex. 090777
virus disease in **Anopheles quadrimaculatus.** 090256

ANOPLOCEPHALIDAE
control also in sheep? [**Moniezia expansa**]. 085434
invaded by tapeworms of **Moniezia spp.** 085556

ANOPLURA
Denny, 1842) (**Haematopinidae, Anoplura,** 090918

ANOREXIA
indigestions in cattle & buffaloes. [**Anorexia** 085680

ANOXIA
SEE HYPOXIA

ANTELOPES
from feet of an **African antelope.** 090951

ANTENNA
microscope. I. sense organs of **bee antennae** 090578
of genetic mosaicism in **antennae** & **legs** of 090533

ANTHELMINTICS
Benzimidazole-derivatives. [**Anthelmintics**] 085523
Anthelmintic activity of levamisole against l- 085597
Action of five **anthelmintics against** Ostertа- 086108
concerning application & **anthelmintic effect** 085522
Telmin--a new **equine anthelmintic.** [Meben- 085488
Larval anthelmintic test in ruminants. 085492

ANTHEMIS
from **Anthemis montana** L. I. 087605

ANTHERS
Anther culture in Nicotiana & characteristics 087782
A study of **anther culture** in sugar beets. 087786

ANTHOCEPHALUS
of kadam seed. [**Anthocephalus chinensis**]. 086087
Kaatoan bangkal (**Anthocephalus chinensis** 086215

ANTHOCYANINS
search for mutations **affecting anthocyanin** d- 087029
Pattern of **anthocyanin pigment** in Indian c- 086712
A survey of **anthocyanin pigments** in seedli- 087708
Anthocyanin pigments of sour cherries. 088087
Anthocyanin production in cranberry leaves 088049

ANTHONOMUS
Tetranychus **cinnabarinus Anthonomus** gran- 089964
boll weevils. [**Anthonomus grandis,** biological 089908
in Texas high plains. [**Anthonomus grandis**] 089919
compounds. [**Anthonomus grandis,** cotton pe- 089921
tagged adults in field. [**Anthonomus grandis**] 089924
Heliothis virescens, **Anthonomus grandis**]. 089961
Heliothis virescens, **Anthonomus grandis**- 089962
Results in control of **Anthonomus rubi.** [Str- 090081

ANTHRACENE
Anthracene derivative in callus cultures from 087493

ANTHRACNOSE
Anthracnose of **almond** tree in France. [Glo- 089021
Studies of an **anthracnose fungus** on broadle- 089111
A new **anthracnose** of **strawberry** caused by 089217

ANTHRANILIC
in vitro hydroxylation of **anthranilic acid** & 087195

ANTHRAX
outbreak & eradication of cases of **anthrax.** 085452
of work on prevention of **anthrax** in **animals** 085539

ANTIBACTERIAL
SEE BACTERIA

ANTIBIOTIC
spermatozoa & application of **antibiotics.** 084969
Rational use of **antibiotics.** 085321
mastitis after treatment with **antibiotics.** 085325
of microorganisms resistant to **antibiotics.** [091198
Proofs of biologically **active antibiotic** resid- 082757
Polyfungin, a new **antifungoid antibiotic.** II. 085182
of administering **certain antibiotics** in cases 085455
Spectam: an new **antibiotic** for **control** of p- 085282
nutritive doses of **antibiotics** in their **feed.** I- 085490
Effect of **feeding antibiotics** on ruminal vola- 084185
Effects of an **antibiotic** & **flushing** on perfo- 084834
Antibiotics in **honey,** royal jelly & bodies of 091199
of some **antibiotics** & their **inactivation** in 090294
of protein synthesis-**inhibiting antibiotics** on 090511
Abuse of **antibiotics**--one **kind** of medical en- 082839
Effect of some **antibiotics** on **Newcastle** dise- 085326
vulgaris] of some **antibiotics** used to **obtain** 087595
suburban zone. [**Plants, antibiotics**]. 088241
Investigation of **polyene antibiotics.** [Verticі- 089284
soils. II. occurrence of **antibiotic-producing** 091778
of biologically active **antibiotic residues** in 082757
of milk control for **antibiotic residues.** 082761
assay in order to detect **antibiotic residues.** 084364
name: Validacin), new **antibiotic** for **sheath** 089113
Can we **tolerate antibiotics** in animal feeds? 084631
Antibiotic tylan in feed of swine & preventi- 085544

ANTIBODIES
Detection of **antibodies** to **Babesia** bigemina 085223
Occurrence of **antibodies** in **bovine** mastitis 085477
of anti-hapten & anti-**carrier antibodies** in g- 085345
inhibiting (HI) **antibodies** on **course** of New- 085481
Macrophage **cytophilic antibodies** in mice: i- 085376
a 24-hour period by a rapid **double antibody** 084228
tests for detection of **antibodies** in **equine** se- 085311
elokomin fluke fever: **fluorescent antibody** s- 085207
samples using indirect **fluorescent antibody** 085223
virus strain by **fluorescent antibodies.** 085248
agent antigens by **fluorescent antibodies** in 085574
on value of indirect **fluorescent antibody** test 085594
centrale using infirect **fluorescent antibody** 085595
gorgonis using indirect **fluorescent antibody** 085596
A **fluorescent antibody** technique for determ- 091530
effect of tetramisole on **antibody formation** 085369
on homologous & **heterologous antibody** res- 085595
autovaccine. II. **Antibodies** in **milk.** 085477
goat anti-dinitrophenyl **antibodies modified** 084165
Nature of **antibody response** to Yersinia ent- 085397
heterologous **antibody responses** to infections 085595
in young pig: a review of **secretory antibody** 084350
Effect of anti-**semen antibodies** on embryonic 084846
Role of **sensitizing antibody** in neutralization 085578
hour period by a rapid double **antibody-solid** 084228
Production in bovine of **antibody specific** for 085225
fluke fever: fluorescent **antibody studies** with 085207
pig: a review of secretory **antibody systems** 084350
A fluorescent **antibody technique** for determ- 091530
using indirect fluorescent **antibody test.** [Ca- 085223
value of indirect fluorescent **antibody test** as 085594
using indirect fluorescent **antibody test.** [Ca- 085596
toxin. II. Transmission of **tetanus antibodies** 085230
turtle & duck low molecular **weight antibody** 084164

ANTICHOLINESTERASE
SEE CHOLINESTERASES

ANTIFUNGAL
SEE FUNGICIDES

ANTIGEN
Studies of metabolic **antigen activity** of adult 085185
sheep adenomatosis **agent antigens** by fluore- 085574
occurrence of capsular **antigens, biochemical** 085482
Studies on **antigenic changes** & strain differ- 085251
of soluble proteins with **common antigenic** p- 087192
study on **antigenicities** of **degradation** produ- 083328
agglutination test to **demonstrate antigenic** 085253
Antigenic drift of equine infectious anemia v- 085240
technique for detection of **fowlpox antigen.** 085265
II. Analysis of **antigenic fractions.** [Rabbits] 085479
for isolation of **antigenic fractions** of Asperg- 087189
insidiosa. XIII. **Immunizing antigen.** [Swine 085236
Problem of **insoluble antigens** for identificat- 085485
Local antigenic stimulation of guenea-pig m- 085059
A study of **antigenic material** from Schistos- 085188
directed intracellular & **membrane antigens** 085245
Studies of **metabolic antigen** activity of adult 085185
Metabolic antigen of Fasciola hepatica in i- 085187
Production of **national antigen** & positive b- 085302
properties of O-**antigens** of **Pasteurella** mult- 085458
proteins with common **antigenic properties** 087192
stimulating hormone (FSH) **antigenic sites** 084023
striate mosaic virus & its **soluble antigen.** 089412

Local **antigenic stimulation** of guenea-pig m- 085059
Antigenic structure & clearance of Chlamyd- 085204
II. Analysis of **whole antigens.** 085478

ANTIMYCIN
Effect of **antimycin** on b-**cytochromes** of pla- 087251

ANTIOXIDANTS
SEE OXIDANTS

ANTIRRHINUM
growth & flowering of **Antirrhinum majus** L- 088193
snapdragons. [**Antirrhinum majus,** Myzus p- 089990

ANTISERUM
Preparation of **bivalent antisera** for immuno- 085502
proteins with albumen-**specific antiserum.** 083500
related species & use of **such antisera** in ide- 085225

ANTITOXIC
SEE TOXICITY

ANTS
producer & its dependence on control of **ants.** 090169
Ants. 6th ed. [Formicides, insect pests]. 090270
Argentine ant. [Iridomyrmex humilis, insect 089819
Rectal enzymes of **attine ants.** alpha-amylase 090703
Distribution of iron, **chlorophyll, ant** heme 087695
on zoogeography, convergent **evolution ant:** 090912
Ant fauna of nature protection area in Rete- 091050
Imported **fire ants:** eradication trials with m- 090253
with pictures of life of red **forest ant.** [Form- 085876
in outdoor female workers of **forest ant** Fo- 090835
with pictures of life of red **forest ant.** [Form- 090836
Ants of **group** Formica rufa in Italy in forest 091051
Ant larvae of six tribes: second supplement 090965
Aboveground activity of **ant Lasius** alienus 090746
Study of **ant-populations** in various grassland 090425
of Gosswald School on **ant research** in Bulg- 085877
Examination of **ants second** intermediary ho- 090290
Predatory behaviour in **ant**-like **wasp** Meth- 090447

AONIDIELLA
of California red scale, **Aonidiella aurantii** 090468

AORTA
Surgical removal of an **aortic foreign** body. 085084
Spontaneous **aortic rupture** in turkeys & va- 085663

APANTELES
of C.G. Thomson species of **Apanteles Forst.** 090944
hormone analogue on a **parasitoid, Apanteles** 090027

APATURA
Remarks on **Apatura ilia** in Champagne (N- 090886

APEX
divisions & septation in **apical articles** in gr- 087193
plant hormone studies on **apical dominance.** 087550

APHAERETA
photoperiodic reaction in **Aphaereta minuta** 089794

APHANOMYCES
treatment. [**Aphanomyces, Pythium,** Polym- 089117

APHELINIDAE
in some genera of Encyrtidae & **Aphelinidae** 090611

APHIDIDAE
Egypt). Hemiptera-Homopteera: **Aphididae.** 089837
cotton plants (Hemiptera: **Aphididae).** 089875
of Upper-Egypt. Hemiptera: **Aphididae.** 089950
of insect. Hemiptera-Homoptera: **Aphididae** 089954
euphorbiae (Hemiptera: **Aphididae).** 089999
host plants in Egypt. Hemiptera: **Aphididae** 090090
euphorbiae (Hemiptera: **Aphididae).** 090499
Egypt). Hemiptera-Homopteera: **Aphididae.** 090795
host plants in Egypt. Hemiptera: **Aphididae** 090802
of harmful plant lice in forest. [**Aphididae].** 090170
arthropod galls. [**Aphididae, Cecidomyiidae,** 089817
rugosus n. sp. **(Homoptera, Aphididae)** from 090904

APHIDS
compound, on pea **aphid, Acyrthosiphon** pis- 089978
symbiotes of pea **aphid, Acyrthosiphon** pisum 090687
infested by balsam woolly **aphid, Adelges** pi- 090121
strains of foxglove **aphid, Aulacorthum** solani 089429
development & propagation of **cereal aphid** 089852
Lacewing larvae **control aphids** on greenhou- 089990
of malathion & metaisosystox on **corn aphid** 089880
subspecies & strains of **foxglove aphid,** Aula- 089429
xenylacetic acid) in control of **aphids** of **fr** u- 090052
for control of eastern spruce **gall aphid.** [Pi- 090129
Biological control of **aphids** in **glasshouse** by 090100
yellow vein virus in an **inefficient aphid** vec- 089417
form of potato **aphid, Macrosiphum** euphorb- 089999
of citrus tristeza virus by **melon aphid.** 089378
wing production in **aphid Myzus** persicae. 090640
insecticide & compound, on **pea aphid,** Acyr- 089978
of mycetocytes & symbiotes of **pea aphid,** A- 090687
Insecticide resistance in green **peach aphid** 090096
Control of corn borers & **aphids** in **peppers** 090098
activity on apterous form of **potato aphid,** 089999
Potential aphid vectors of pea seedborne m- 089393
Aphid Tetraneura ulmi (L.), a new maize pe- 090080
vein virus in an inefficient **aphid vector,** Ma- 089417
Potential **aphid vectors** of pea seedborne m- 089393
Fraser firs infested by balsam **woolly aphid,** 090121
factors on incidence of **aphids** & **yellows** in 089902

APHIS
as seed & soil treatments **against Aphis** gos- 089875
Studies on Aphis gossypii & **Aphis craccivora** 089950
of maize dwarf mosaic virus by **Aphis fabae,** 089394
of aphids & yellows in beet. [**Aphis fabae,** 089902
dwarf mosaic virus by Aphis **fabae, Aphis** go- 089942
of certain cotton varieties to **Aphis gossybii** 089954
Upper Egypt. [Thrips tabaci, **Aphis gossypii** 089866
Tetranychus arabicus & **Aphis gossypii** to sy- 089879
metaisosystox on corn aphid **(Aphis maidis** 089880
Seasonal occurrence of **Aphis nerii** Boyer in 089837

APHODIUS
consumption in dung-**eating Aphodius** larvae 090756

APHOLATE
House flies: effect of **apholate** & its **failure** 090190

APHYTIS
Parasitism by **Aphytis chrysomphali** Mercet 090468
control, Aspidiotiphagus **citrinus, Aphytis,** P- 090055

APIARIES
evaluation of bees in **breeding apiaries** in ye- 091202

APICULTURE
significance for agriculture & **apiculture.** 081942
Finance official & **apiculture.** [Taxes]. 082239
Bees in criminal law. **[Apiculture].** 082529
Written for beginner. **[Apiculture].** 091060
Traveling in acacia of Romania. **[Apiculture]** 091061
Written for beginner. **[Apiculture].** 091064
S.E. "Mac" McGregor retires. **[Apiculture]** 091072
in Embu district, Kenya. **[Apiculture].** 091106
Bees in criminal law. **[Apiculture].** 091113
s test & silver mirror reaction. **[Apiculture]** 091143
significance for agriculture & **apiculture.** 091146
Latvian Experiment Station for **Apiculture.** 091183
production in Kemerovo Region. **[Apiculture** 091191
Methods of wintering nuclei. **[Apiculture].** 091197
A very interesting arrangement. **[Apiculture** 091210
Thirty years later. **[Apiculture].** 091222
Apiculture in **German** Democratic Republic: 091145
its significance for **apiculture** in **German** D- 091181
in Tambov Province. **[Apiculture, history].** 091184
Working better. **[Apiculture, honey** product- 091200
to hive size & **apicultural infringement.** 091062
An industrial base for **apiculture** in **northern** 091196
of Achroia grisella Fab. **[Apiculture, pests].** 091123
source of income. [Honey **plants, apiculture]** 082280
its development. **[Apiculture, pollination].** 091081
Forecast in **apicultural research.** 090460
services, patience; an **apicultural sermon.** 091141
Is **apiculture** in **Switzerland** with predomin 091221
Apiculture today: Celebration speech at Bav- 091138

APIDAE
in Apis mellifica & Apis cerana **(Apidae).** 091170
mellifica L. (Hymenoptera: **Apoidea-Apidae)** 091124

APIGENIN
5-0-Xylosyglucosides of **apigenin & luteolin** 087492
Occurrence of **apigenin-5-methyl** ether in se- 087437

APIS
SEE BEES

APLASIA
Segmental aplasia of Mullerian ducts in Sh- 085711

APOCYNACEAE
with sandal spike agent. [**Vinca rosea,** Santa- 089355

APOIDEA
of Bombus (Humenoptera: **Apoidea).** 090734
mellifica L. (Hymenoptera: **Apoidea-Apidae)** 091124
Colletidae. Andrenidae, **Melittidae/Apoidea)** 090900

APOMIXIS
SEE PARTHENOGENESIS

APORPHINE
Co-occurrence of **aporphine & biphenyl** cons- 087503

APPENDIX
particle in heat-producing **spadix appendix** of 087459

APPETITE
hydroxy-toluene (B.H.T) on **appetite & live** 084430

APPLES
of rentability in cold-storage. **[Apples].** 082253
Controlled atmosphere storage of **apples.** 083823
browning in CA stored Jonathans. **[Apples]** 083849
plant tissues by 8-hydroxyquinoline. **[Apple]** 088002
Orcharding in South Africa. **[Apples].** 088687
Reconversion of culture of **apples.** 088785
experiments with Boskoop variety. **[Apples]** 088913
A Pestalotia sp. causing fruit rot in **apple.** 089057
of gray mold fungus Botrytis cinerea. **[Apple]** 089063
Control of Venturia inaequalis in **apple.** 089125
for Marssonina, leafspot disease of **apple.** 089265
on bodies of insects visiting **apple blossom.** 090654
Studies on hybridization in **apple breeding.** 086758
Occurrence of gummosis in **apple & calcium** 089520
of heart rot diseases in Toko **apple caused** by 089124
Cold hardiness of Malling **clonal apple** root- 087998
activities on future of **apple culture.** 082589
compounds in Golden **Delicious apples** as p- 083775
Cold acclimation in 'Red **Delicious' apple** tr- 087937
features of several Red **Delicious apple** spor- 088000
Early fruiting & culture of **Delicious apple.** 088098
features of several Red **Delicious apple** spor- 088597
Management of high **density apple** orchards 088682
of maximum sensitivity of **developing apple** 087936
Post harvest **apple dips.** [disease control]. 089580
Assessing ion leakage from **apple fruit** tissue 088052
Flow of chromium into **apple fruit** during de- 088172
sensitivity of developing **apple fruits** to nap- 087936
Post **harvest apple** dips. [disease control]. 089580
Pricing efficiency of **Indian apple** market. 082409
pitting of pear & cherry to **apple indicators** 089334
of chemical thinning of **apples** in **Italy.** 088650
determination of patulin in **apple juice.** 082688
Detection of adulteration in **apple juice** con- 082877
Apples of **Kashmir.** 088635
Microflora of **apple leaf** scars in relation to 089001
Ecology & control of **apple leaf** miner, Lith- 090084
oxidase & peroxidase activity in **apple leaves** 089303
Pricing efficiency of Indian **apple market.** 082409
Firmness of **McIntosh apples** as affected by 083716
dioxide on activity of **apple mitochondria.** 088163
with honeybees in **apple orchards.** 088102
Management of high density **apple orchards** 088682
Integrated pest control in **apple orchards:** P- 090010
with honeybees in **apple orchards.** 091180
on fruiting of fruit trees. 2. **[Apple, peach,** p- 087925
culture of deciduous fruits. **[Apple, peach,** g- 088796
Biology of **apple & pear** storage. 083718
fertilizer suggestions for **apple & pear.** 091960
nitrogen dressing of fruit crops **(apple, pear)** 092003
containing diphenylamine on **apples & pears** 083710
Conditions of storage. **[Apples, pears].** 083719
conditions for storage of **apples & pears.** 083729
Orchard & climatic factors. **[Apples, pears]** 088012
pollination trials on **apples & pears** in Brita- 088117
techniques in fruit culture, **[Apples, pears,** f- 088645
Fungal disorders. **[Apples, pears].** 089033
Physiological disorders. **[Apples, pears].** 089465
timing of spray application. **[Apples, pears,** 090022
techniques in fruit culture, **[Apples, pears,** f- 091882
C-sucrose in excised **apple pedicels.** 087940
Arsenic & old quarrels. **[Apples, pesticide** re- 090309
of Adoxophyes reticulana Hbn. **[Apple pests** 090063
moth. [Laspeyresia **pomonella, apples].** 090021
Producing apple trees free of known viruses 086924
changes in cell walls of **ripening apples.** 088137
trees held in cold stores with **ripening apples.** 089472
of fruiting trees of some **apple rootstock** clo- 089300
Apple rootstocks for intensive & semi-intens- 088615
hardiness of Malling clonal **apple rootstocks** 087998
Pruning Bramley's **seedling apple.** 088614
of photosynthates in **apple shoots** treated by 087980
of several Red Delicious **apple sports.** 088000
accumulation in 'Northern **Spy' apples.** 087939
of chemical elements to **apple storage** disor- 083848
Ecology of heart rot diseases in **Toko apple** 089124
Colletotrichum dematium. **[Apples, tomatoes** 089217
Response of mechanically-**topped apple** trees 088053
New concepts in **training apple** trees. 088683
rate in yellow **transparent apples.** 087982
on chemical mutagens on **apple tree** seeds. 086952
on growth & abscission of young **apple tree** 087934
Latent potential for growth in **apple tree.** 088022
on chemical mutagens on **apple tree** seeds. 088067
Producing **apple trees** free of known viruses 086924
Experimental mutations in **apple trees.** 086951
Shoot growth of young **apple trees** as influe- 087935
acclimation in 'Red Delicious' **apple trees** u- 087937
generative development of **apple trees** grown 087951
Response of mechanically-topped **apple trees** 088053
Alar) on winter hardiness of **apple trees.** 088213
knowledge on proliferation in **apple-trees.** 088238
New concepts in training **apple trees.** 088683
Apple trees on EM-26 at Rutgers Fruit Res- 088830
with sudden decline & death of **apple trees** 089223
Mycoplasma-like organisms in **apple trees** w- 089312
Alar) on winter hardiness of **apple trees.** 089571
ite relation to yields of three **apple varieties** 088082
Traits & culture of **apple varieties:** on Aori 088793
Seed & fruit ripeness in **apple variety** Gold- 088205
Apple variety evaluation--a never ending cha- 088686
of pollen on bodies of insects **visiting apple** 090654
acid on growth & abscission of **young apple** 087934
Shoot growth of **young apple** trees as influe- 087935

APPRAISAL
Appraisal of **Australian** land resources. 092364
Appraisal of bread quality & propasals for n- 082760
of "law on houses". [**Land appraisal**]. 082577
Re-appraisal of policy & problems about ov- 082268
of use of grab samples in **appraisal** of **wool** 083404

APPRENTICE
foremen who attended **forestry apprentice** t- 085840

APRICOTS
sorting of various types of **apricot.** 082853
of rapid production prune juice & **apricots.** 082921
sorting of various types of **apricot.** 088820
in stone fruits. [Peach, **cherry, apricot**]. 089349
"alpricots"--dual **purpose apricots.** 088843
Apricot scabbing. [Bacterial diseases]. 089299
Apricot-tree (Prunus armeniaca L.) cv. 'ton- 089099

AQUATIC
Aquatic communities as indices of pollution 092381
scythe, a simple tool for **controlling aquatic** 089711
Pesticides in **aquatic environment,** 1972. 090331
Aquatic flowers in some guanotrophic ponds 086385
of soluble nitrogen by **aquatic fungi** in nature 087307
Higher aquatic & littoral flora in polyhumic 086579
residue analysis of fish & **aquatic mammals** 090372
hydrocarbon residues in **aquatic model** ecos- 090366
on freshwater & **aquatic organisms.** 092343
binding protein from **aquatic phycomycete** A- 087238
Natural Resources & its role in **aquatic plant** 089651
Increasing efficiency of **aquatic plant** manag- 089653
Aquatic plant problems in Walla Walla Dist- 089663
chemical studies of **aquatic plants** from Min- 087443
Antimicrobial effects of **aquatic plants** from 087444
coagulation effects of **aquatic plants** from M- 087448
of Rhizoctonia solani to **aquatic plants.** [We- 089187
Aquatic sediments. 092456
Seven families of **aquatic** & **semiaquatic** He- 090942
polymer formulations for **aquatic weed** cont- 089662
of phytophagous fish for **aquatic weeds** cont- 089628
in a shallow water reservoir. [**Aquatic weeds** 089659
a simple tool for controlling **aquatic weeds** in 089711
Control of **aquatic weeds.** 089732
a simple tool for controlling **aquatic weeds** in 091454

AQUEOUS
oxidation of starches with **aqueous bromine.** 083051
Volatile transport in **frozen aqueous** solutio- 083053
Volatila transport in **frozen aqueous** solutio- 083054
tyrosyl compounds in **aqueous** 2-**methyl**-2, 4 084053
dichloropropionic acid in **aqueous solution.** 089716
Engle et Doels wood in **aqueous solutions** of 086116
into starch granules in **aqueous suspension.** 083216
saturated monoglycerides in **aqueous systems.** 083152

AQUICULTURE
farming, water desalinization & **aquaculture** 092104

ARABICA
to study of coffee rust (**Coffea arabica** l.) ca- 089248
Bordeaux mixture spray in **arabica coffee.** 089513

ARABIDOPSIS
by a nuclear mutator gene in **Arabidopsis.** 087127
fast neutrons in **Arabidopsis thaliana.** 087129

ARABLE
Prospects for sunflower as an **arable crop** in 088443
Effects of ley & **arable cropping** systems on 091980
Okinawa Prefecture. [Survey, **arable land**]. 091765
of water surface conditions in **arable land** by 092225
mixtures, originating from **arable layer** of bl- 091725

ARACEAE
apparatus of Orontium aquaticum (**Araceae**) 086724
spadix appendix of **Araceae Sauromatum** gu- 087459

ARACHIS
Genome relationships in **Arachis.** [Peanuts] 087114
from dormant peanuts, **Arachis hypogaea.** 087712
isoperoxidase activity in **Arachis hypogaea** 087829
Rhizosphere microflora of **Arachis hyprogaea** 089075

ARACHNIDA
Steatoda castanea (**Arachnida, Araneae**). 090854
chrysomelas-group (**Arachnida, Opilionida,** 090731

ARADIDAE
Aradidae from **Oriental** region & South Paci- 091021

ARANEAE
in Pholcus phalangiodes (Fuessl.) (**Araneae**) 090422
fauna of Hawaiian lava tubes, 3. **Araneae** (091020
Steatoda castanea (**Arachnida, Araneae**). 090854

ARANEIDA
Revision of some **Japanese araneid** spiders. 090861

ARANEUS
of some Japanese araneid spiders. [**Araneus**] 090861

ARBOREAL
thei accumulation in **arboreal vegetation.** 087568

ARBOVIRUSES
mosquito cell line to some **arboviruses.** 090439
of Anopheles A **group arboviruses.** 090281

ARCEUTHOBIUM
Canyon, Arizona. [**Arceuthobium vaginatum** 089730

ARCHITECTURE
Significance of wood in **architecture.** 086142
Cytoplasmic architecture of egg cell of Smit- 090838
land utilization & **landscape architecture.** 082049
Sorbus aucuparia for **landscape architecture** 088644
horticulture & **landscape architecture** progr- 088680

ARCTIC
of two species of high-**arctic aedes** (Diptera: 090500
M. Lamb, a hitherto over looked **boreal-arct-c** 086495
quiescence in **subarctic** & middle **European** 090757
with frozen semen in blue fox. [**Arctic foxes** 084891
ducts in Shadow blue fox. [**Arctic foxes**]. 085711
migration & weathering in **frozen antarctic** 091752
Nitrogen fixation in a **subarctic mire.** 087462
On some **Palaearctic species** of genus Kybos 090858
with keys to Nearctic & **Palaearctic species** 090930

ARCTIIDAE
insulana Boisd. Lepidoptera: **Arctiidae.** 089953
of Hyphantria cunea (Lepidoptera: **Arctiidae**) 090968

ARCTIUM
a rod-shaped virus from **Arctium lappa** L. (s- 089365

ARECA
of samples in arecanut palm. [**Areca catechu** 088106

ARGAS
Persicargas (Ixodoidea: Argasidae) **Argas**). 090261
females for control of tick **Argas persicus** (090243
of claw sensilla of a soft **tick, Argas** (Persic- 090262
of claw sensilla of a soft **tick, Argas** (Persic- 090723

ARGASIDAE
of genus Ornithodoros (Acari: **Argasidae**). 090260
Subgenus Persicargas (Ixodoidea: **Argasidae** 090261
of genus Ornithodoros (Acari: **Argasidae**). 090721
Subgenus Persicargas (Ixodoidea: **Argasidae** 090979

ARGEMONE
Alkaloids of Argemone **albiflora, Argemone** 087481

ARGININE
Delta-n-hydroxy-L-**arginine,** an **amino** acid 087237
aspects of regulation of **arginine biosynthesis** 087852
colorimetric measurement of **free arginine** in 083595
Decomposition of **arginine globulin** during g- 087657
Conversion of **arginine** to **proline** in chick. 084266

ARGYROTAENIA
response in males of **moth Argyrotaenia** vel- 090690

ARID
on germination of **certain arid**-zone plants. 087402
Ancient methods in **arid farming** & cultivati- 082140
Eolic erosion in **arid hot** countries. [Soils]. 092051
in important soils of **arid & humid** tropics. 091498
of stomatal activity in **mature semiarid** site 088248
clipping of some cool-season, **semiarid range** 088366
Observation System] data to **Arid region.** [082064
of an annual flora in an **arid region** of weste- 086612
of legumes in arid & simi-**arid regions.** 091676
system in sandy soils of **arid regions.** 092237
Bibliography on arid & **semi-arid** zones of A- 082043
indicator of biological activites in **arid soils.** 091516
F. Muell. & selected other **arid-zone** species 087906

ARMADILLIDAE
microorganism of **Oniscoidea Armadillidium** 090415

ARMILLARIA
Armillaria [Mellea]root-rot of fruit trees. 6 089153
symposium on pathogenic **fungus Armillaria** 089030
Growth stimulation of **Armillaria mellea** by 089196
Armillaria mellea on poplar. 089266

ARMY
on edible fats prepared fro **Greek army.** [A- 082748

ARMYWORMS
metabolism of adult **beet armyworms,** Spod- 090464
Suppression of **armyworm damage** to no-till- 089915
budworm, boll weevil, **fall armyworm,** & tw- 089962

ARNICA
of carotenoids from **Arnica montana.** 087553

AROMATIC
Aroma of canned beef: models for correlation 082963
among volatile **aroma compounds** in a whis- 083173
Cucurbitacins & **aromatic compounds** from 087488
On sorption of volatile **aroma constitutents** 083228
Earthy aroma of potatoes. [2-methoxy-3-iso- 083778
of polycyclic **aromatic hydrocarbons** in foods 083570
Fate of polycyclic **aromatic hydrocarbons** in 091806
Studies on **aromatic pathway** & alkaloid fo- 087264
Research on presence of **aromatic polycyclic** 083538
Origin of **aromatic rice** varieties & their trai- 088313
Aromatic shrubs, herbs & flowers. 088693
Aromatic substances of honey. 083172
Extraction of **aromatic** & **taste** substances f- 083840
On formation of black **tea aroma.** 083123

ARSANILIC
Feeding of broilers with **arsanilic acid;** gain 084530

ARSENIC
microgram amounts of **arsenic** with **brilliant** 092289
Organo-**arsenic compound** applied for control 089280
Practical suitability of **arsenic poison** baits 090176
weight & accumulation of **arsenic** in **poultry** 084530
Arsenic & old **quarrels.** [Apples, pesticide re- 090309
method for determination of **total arsenic** in 082685

ARTEMISIA
Sesquiterpene lactones of **Artemisia:** TLC [t- 086503
Projection & weight of **Artemisia diffusa** in 087211
A new flavone from **Artemisia herba**-alba. 087436
sesquiterpene triol from **Artemisia longiloba** 090826
British Columbia. [**Artemisia tridentata,** Tri- 089624

ARTERIOGRAPHY
Selective arteriography in cat. 085047

ARTERIOSCLEROSIS
Spontaneous arteriosclerosis in hens. 085716

ARTERIOSUS
Persistent **truncus arteriosus** in a dog. 085757

ARTERITIS
antibody in neutralization of **equine arteritis** 085578
Fate of sensitized **equine arteritis** virus foll- 085579

ARTERY
acute anaphylactic shock on **arterial blood** 085772
Arteries of **pancreas** of dog; an injectioncor- 084043
occlusion of segmental **spinal arteries.** [Dogs 085773
in walls of **arteries** & **veins** in cattle of vari- 084031

ARTHRITIS
a virus associated with **arthritis** of **chickens** 085278

ARTHROGRYPOSIS
defects: **arthrogryposis** & **associated** defects 085632
Congenital **arthrogryposis associated** with i- 085774

ARTHROPODA
Spermatozoon of **Arthropoda.** XXI. New ac- 090717
beneficial **arthropods associated** with cotton 089909
A review of **arthropod-borne** virus infections 085260
in cultured vertebrate & **arthropod cells** & in 085585
role of parasite in some **arthropod galls.** [A- 089817
Abundance of **arthropods inhabiting** duff & 090165

ARTICULATION
Taxonomical evaluation of **articulated hairs** 086330

ARUNDINACEA
yield in tall fescue, **Festuca arundinacea,** Sc- 086889
of tall fescue (**Festuca arundinacea,** Schreb.) 086909
acids in tall fescue (**Festuca arundinacea**) by 087767

ARVENSIS
Rumex obtusifolius, **Cirsium arvense**]. 089590
controlling Canada thistle. [**Cirsium arvense** 089694

ASBESTOS
Asbestos fibers in beverages, drinking water, 082697

ASCARIDAE
invasion of mice by **Toxocara canis** (Werner 085359

ASCARIDIA
chemotherapeutic measure **against Ascaridia** 085362
Experiment on control of **Ascaridia galli,** H- 085219

ASCARIS
in fertilized eggs of **Ascaris suum** (Nematoda 085401

ASCLEPIADACEAE
New combinations in **Asclepiadaceae.** 086514

ASCLEPIAS
Ipomoea bona-nox, **Asclepias gigantea**]. 089836
Nerium oleander, **Asclepias gigantea,** Pomo- 089837
Ipomoea bona-nox, **Asclepias gigantea**]. 090793
Nerium oleander, **Asclepias gigantea,** Pomo- 090795

ASCOCHYTA
in alfalfa infected by **Ascochyta imperfecta.** 089195

ASCOMYCETES
of new species of **Ascomycetes & fungi** impe- 086594
to our knowledge of **Ascomycetes of India.** 086601
to our knowledge of **Ascomycetes of India.** 086604

ASCORBIC
determination of L-**ascorbic acid** on basis of 082923
Role of **ascorbic acid** in keeping quality of 083237
of chromium & tungsten on L-**ascorbic acid** 084260
Effect of **ascorbic acid** on body gain & feed 084341
Changes in level of **ascorbic acid** in germina- 087260
moisture, total soluble solids & **ascorbic acid** 088198

ASCOSPHAERA
Ascosphaerales. **[Bettsia, Ascosphaera].** 086444

ASCOSPORES
Ascospore release & dispersal in black leaf 089012

ASEPSIS
an advancement in **atraumatic, aseptic** surge- 085122
Aseptic production & bottling procedures. 083266
"truly aseptic" packaging system developed. 083074

ASHES
palm bunch incinerator: Utilisation of **ashes.** 083194
forest litter & its content of **ash components** 091490
starch. 1. Comparison on **ash contents** of po- 083722
Dry ashing method for determination of tot- 082685
deficiency in balance of **ash elements** in cot- 087736
Borer problem in **green ash** in North Dakota 090145
of determination of nitrogen & **ash matters** 087584
of viruslike symptoms in **ash over** a six-year 089383
of humus composition in volcanic **ash soils** in 091763

ASPARAGUS
Virus infections in **asparagus** (Asparagus off- 089332
root development of **asparagus** on **loamy** sa- 086799

ASPENS
productiveness of **aspen forests** in central Ob 088240
Ecology of **aspen groves** & their invasion in- 086662
forage production in **aspen parkland** after s- 089632
a most serious fungal parasite of **aspen trees** 089019

ASPERGILLUS
acid production in two species of **Aspergillus** 087227
insecticide treatment of wheat. **[Aspergillus]** 082714
Tell-tale glow. **[Aflatoxin, Aspergillus** flavus 088563
toxigenic fungi. **[Alternaria, Aspergillus,** Pe- 082801
metabolite from **Aspergillus amstelodami.** 087386
V. Further studies on **ascosporic Aspergillus** 086825
like mutant of **Aspergillus aureolatus** that is 086839
corn, 1969-1970. **[Aspergillus flavus].** 082715
Development of **Aspergillus flavus** & aflatox- 083910
of metabolites of **Aspergillus flavus** Link. & 087199
Tell-tale glow. [Aflatoxin, **Aspergillus flavus** 088563
of species & strains of **Aspergillus flavus** gr- 088993
Development of **Aspergillus flavus** & aflatox- 089288
Effect of **Aspergillus flavus** mycotoxin on Cu- 090258
Aspergillus **foetidus, Aspergillus** niger]. 087227
substrate for **Aspergillus fumigatus.** 083880
Aspergillus fumigatus in samples of moldy si- 084591
antigenic fractions of **Aspergillus fumigatus** 087189
tract, caused by **Aspergillus fumightus** in fo- 085470
Mycosis due to **Aspergillus & lead** poisoning 085600
mycosis caused by **Aspergillus nidulans.** [H- 085561
of mustard gas. **[Aspergillus nidulans].** 086956
regulation in **Aspergillus nidulans.** 087414
Conidiation of **Aspergillus nidulans** in subm- 087421
Growth of **Aspergillus nidulans** in a thin liq- 087422
Aspergillus foetidus, **Aspergillus niger].** 087227
On kinds of xylanase from **Aspergillus niger** 087360
of xylanase from **Aspergillus niger.** 087361
elements on growth of **Aspergillus niger &** 087598
chain cleaving enzymes. **[Aspergillus niger]** 087635
elements on growth of **Aspergillus niger &** 089271
proteolytic enzymes of **Aspergillus oryzae.** 083010
enzymes produced by **Aspergillus oryzae.** 083103
of alpha-amylase from **Aspergillus oryzae.** 087433
of aflatoxins. **[Aspergillus parasiticus].** 087244
fungi. [Alternaria, **Aspergillus, Penicillium,** 082801
of progesterone by **aspergilli-side** chain clea- 087635
of alkaline proteinase from **Aspergillus sojae** 083606
studies on ascosporic **Aspergillus species.** 086825
in dry sausage by **Aspergillus versicolor.** 082732

ASPIDOSPERMA
substances. XIX. **Aspidosperma alkaloids.** 087216

ASSAY
Assay of 89Sr [strontium] in plant & soil s- 087430
Use of **ATP assay** in terrestrial decompositi- 091515
An experience on **biological assay** of toxicity 082740
II. Optimum protein level in **assay diets &** 084610
Investigations into **& an enzymic assay** met- 083219
A specific & sensitive **fluorometric assay** for 087231
Assay of **hypocholoesterolaemic** agents for 089167
Microbiological assay of spectinomycin in f- 083865
series with general **microbiological assay** in 084364
Assaying nitrogenase (C2H2) activity in th f- 091518
of zwitterionic buffer system in **plaque assay** 085262

ASSESSMENT
Assessment of adrenal function in dogs. 084111
Phyllophaga crinita: **damage assessment &** 089917
Rapid techniques for **assessment of effect** of 089617
Assessment of fertiliser requirements for ma- 091866
Assessment of investments for flood control 092183
Assessment of larval saddle gall midge popu- 089939
of head moulds **& assessment of mouldy** gra- 088990
Quality assessment of beetroot from storage 082816
Quantitative assessment of relative importa- 091939
Assessment of relationship among tetraploid 087181
Soil assessment of cultivated land by means 089592
Assessment of suitability of flexible packagi- 083137
Use-**value assessment;** economic effects on s- 082307
Assessment of volatilization loss of ammonia 091966
New method for **assessment of weed** control 089678

ASSETS
Amortization of **fixed assets** in state farms. 082235

ASSIMILATION
night temperature on **assimilation of carbon** 087953
Photosynthesis **& assimilate distribution** in 087246
CO2-[carbon dioxide]-**Assimilation** in **fresh** 087628
industrial sewage sludge on **net assimilation** 088265
wastes & their **assimilation** by a **yeast.** 083771

ASTERACEAE
SEE COMPOSITAE

ASTERS
Transfer of **Aster gentryi** Standl. to genus 086507
in phloem parenchyma cells of **aster yellows** 089375

ASTHENIA
report on generalized **cutaneous asthenia** of 085695

ASTRAGALUS
seed, & conservation uses. **[Astragalus cicer]** 088460
milkvetch in New Mexico. **[Astragalus cicer** 088463
Aegacantha Bunge of **genus Astragalus** L. 086389
a new synonym for **Astragalus polaris** Benth 086572

ATAXIA
Congenital **cerebellar ataxia** in Gotland Po- 085765

ATHERIGONA
residues in soil & plant. **[Atherigona varia-s-** 089903

ATHYRIACEAE
of articulated hairs found in **Athyriaceae.** 086330

ATMOSPHERE
storage in aerobic **& anaerobic atmospheres** 083888
of plant products in **controlled atmosphere.** 083011
cultivars under **controlled atmospheres &** t- 083700
Further studies on **controlled atmosphere** st- 083701
VIII. Regulation of **controlled atmosphere** s- 083805
Controlled atmosphere storage of apples. 083823
Controlled atmosphere storage of vegetables 083847
Influence of **atmospheric factors** on process 087874
Measurement of **atmospheric fluoride** conce- 089475
Inert atmosphere vs. stored grain pests. [In- 090175
ethylene removal from **storage atmosphere.** 083716

ATOMARIA
related compounds. **[Taonia atomaria].** 087615

ATOMS
study of a method for **atomic absorption** spe- 082692
method **& by** flameless **atomic absorption** s- 082734
drinking water with **atomic absorption** spect- 083180
chicken breast muscle by **atomic absorption** 083498
tetraacetic acid] **& atomic absorption** spectr- 083516
study using flameless **atomic absorption & n-** 087670
Energy Agency] Division of **Atomic Energy** 091888
forest protection in case of **atomic wars.** 085821

ATRAZINE
Effect of **atrazine** in **combination** with capt- 090378
Effect of **atrazine** on **potassium** absorption 087737

ATRIAL
sulfate in a case of **atrial fibrillation** in a H- 085661

ATRIOVENTRICULAR
Surgically induced **atrioventricular block** wi- 085027

ATROPHY
Atrophic myositis of temporal & masseter 085728

ATRUM
Hybridization of Verticillium **albo-atrum &** 086875
fungicide on Verticillium **[albo-atrum]** wilt of 089221
to rust & Verticillium **[albo-atrum]** wilt. [P- 089237

ATTA
on packaging & storage of wheat flour **(Atta** 083609

ATTACIDAE
SEE SATURNIIDAE

ATTAGENUS
during drycleaning. **[Attagenus megatoma].** 090185

ATTEVA
distribution, & status of **Atteva exquisita (L-** 090779

ATTRACTANTS
as an **attractant** for **coconut** rhinoceros beet- 090026
Sex **attractant pheromone** activity of elm sp- 090131
Use of synthetic **sex attractant** of larch bud 090117
Evidence for a **sex attractant** in Agriotes lin- 090548

AUCHENORRHYNCHA
Kybos Fieb. **(Auchenorrhyncha, Cicadellidae** 090858

AUCTIONS
number, size & location of **livestock auction** 082482
of inspection & sampling in **tea auctions. [I-** 082869

AUGMENTATION
Efficiency & equity in **augmenting water** su- 092094
Augmentation of **watershed** yields by evapo- 092091

AUGUSTINEGRASS
SEE STENOTAPHRUM

AUJESZKY
Moderate epizooty of **Aujeszky's disease** in 085537

AULACORTHUM
strains of foxglove **aphid, Aulacorthum** solani 089429

AUREOBASIDIUM
study of **Aureobasidium pullulans,** Aureobas- 086405

AUREUS
catalysed by a Phaseolus **aureus enzyme. [** 087963
mannosyl transferases in **Phaseolus aureus.** 088146
damping-off of mung bean **(Phaseolus aureus** 089077
diseases of mung bean **(Phaseolus aureus) &** 089301
Resistance in mung bean **(Phaseolus aureus)** 089302
N-acetyltransferase from **Phaseolus aureus.** 088157
A study on survival of **Staphylococcus aureus** 082810
production by **Staphylococcus aureus.** [Food 082819
mastitis strains of **Staphylococcus aureus** in 085374

AURICULARIA
discharge period. **[Auricularia auricula,** pan- 087304
of Malpighan tubes in **Forficula auricularia** 090455

AUSCULTATION
Value of **auscultation & percussion** in diagn- 085735

AUTOCLAVE
sodium azide, **& autoclaving** on **selected** soil 091739

AUTOGENOUS
Autogeny in **soft** ticks of genus Ornithodoros 090260

AUTOMATIC
On **automatic adjusting** of fibreboards manu- 086170
of amino acids in tea by **automatic amino** ac- 083163
of four seed dividers **(automatic, Boerner, G-** 083533
Automatic control of storage irrigation syst- 092146
of various hydraulic **automatic control** devic- 092152
Automatic control of farm channels. [Irrigat- 092154
maintenance of **automatically controlled** pu- 092155
New schemes **& automatic devices** for field i- 092159
Automatic downstream control of canal che- 092158
biometrical relations for **automatic drawing** 085963
Development of **automatic equipment** for irr- 091370
Application of **automatic facilities** in operat- 092142
An **automatic flow** control for canals. 092168
Fiber **glass automatic** irrigation gates. 091359
An **automatic irrigation** system based on qu- 092164
of one & some herd upon **automatic milking** 084289
on method make use of **automatic mist** spray 086036
Device for **automatically opening** gates at p- 091246
Automatic regulation of crystallizing process 083682
seed with an **automatic subsampling** device 083532
a pile storehouse with **automatic ventilation.** 091273
Experience in operation of **automatic water** 092170

AUTOMATION
Automated colorimetric measurement of free 083595
Complex automation of irrigation & reclama- 092151
Planning of **efficient automation.** VII. [Meat 083511
solutions for **automation of irrigation** proces- 091261
of mechanization **& automation of lumber** c- 086224
Collaborative study of an **automated optical** 083249
Automated pipe distribution systems. 092156
of irrigation facilities **& automation systems** 092160
Training engineers in **automation techniques** 086158
Automation of **water** distribution in existing 092148

AUTONOMIC
Autonomic nervous system & oviduct functi- 084272

AUTOPSIES
Effects of **postmortem aging** on chicken mus- 083514
Effect of **postmortem aging** on chicken brea- 083515
Effect of **postmortem conditions** on certain 083463
Postmortem quality changes in iced Pacific 082808

AUTORADIOGRAPHY
Electron **microscope-autoradiography** of rust 089177
ultrastructural & **autoradiographic study.** 085190
An **autoradiographic technique** to observe u- 089616
Autoradiographic techniques to detect active 086639
Autoradiographic techniques in studies on d- 091524

AUTOSOMES
ZZZW) in chick embryos: **autosomal** & **sex** 084181
Autosomal translocations in two exotic bree- 084954

AUTOTROPHISM
technique for measuring **autotrophic activity** 091517

AUTUMN
Svalof's original **Solid Autumn** Wheat. [Var- 088319
Autumn treatment with morantel/diethylca- 085570

AUXILIARY
Ancillary examination of G.I. [Gastrointesti- 084999

AUXINS
Current theories on mode of action of **auxin** 087302
Effect of **auxin** on **carotenoid** content in sus- 087738
Effect of **auxin** & some **cations** on decompos- 087739
production: suppression of **auxin conjugation** 088154
volume & response to **auxin herbicides** for s- 089623
Formation of **auxin-macromolecule** complex- 087920
ions, carbon dioxide, & **auxin** on **pea** stem s- 088170
Synergism between **auxins** & **phenolic** comp- 088073
Auxin routine-examination for growth energy 088103
of ethylene modification of **auxin transport.** 087845

AUXOTROPHISM
Induced auxotrophic mutants in homothallic 086877

AVENA
acid & sucrose on growth of oat (**Avena**) st- 087841
response patterns of **Avena Coleoptile.** I. D- 087705
response patterns of **avena coleoptile.** II. In- 087706
formation of nucleases in **excised Avena** lea- 087913
Allelopathic influence of **Avena fatua:** allelo- 087620
Stopping wild oats. [**Avena fatua**]. 089595
Distribution of **Avena fatua** L., Avena strigo- 089750
Neighbour effects in **genus Avena.** I. Compa- 087776
of physiological responses of **Avena stem** se- 087834
Protein distribution in oat (**Avena sterilis** L. 086908

AVIAN
characterization of an **avian adenovirus**-asso- 085377
Evaluation of live-virus vaccine **against avian** 085200
Avian anesthesia. 085147
Collection of **avian blood** samples in microt- 084080
Avian caeca; a review. [Domestic fowl]. 084363
effect of an inactivated **avian coronavirus** va- 085246
on bacterial penetration of **avian egg** shell. 082823
vaccine against **avian emcephalomyelitis** in 085200
survey of **avian encephalomyelitis** in Maiyagi 085284
surveys for **avian encephalomyelitis** & chick- 085410
to study of **avian encephalomyelitis:** immuno- 085473
non-histone proteins in **avian erythroid** cells 084121
Protective effect of an **inactivated avian** cor- 085246
virus transforming activity by **avian leukosis** 085580
of avian sarcoma & from **avian leukosis** virus 085583
to Marek's disease. [**Avian lymphomatosis**] 085676
chickens infected with **avian myeloblastosis** 085503
Avian neurotransmitter. [Chickens]. 084323
Studies on differentiation of **avian pox** virus- 085269
Serological evidence of **avian respiratory** m- 085352
obtained from clonal lines of **avian sarcoma** 085583
sensitive mutants of **avian sarcoma** virus. [C- 085584
of acid phosphatase in **avian shell** gland. [P- 084106
Clinical pathology in **avian species.** 085146
infections of **avian trypanosomes** in Glossina 090223
Two cases of **avian tuberculosis** in sheep. 085514

AVOCADOS
in Persea subgenus Persea. [**Avocados**]. 086390
aspects of carnitine metabolism in **avocado** 087967
Expansion in **avocado industry.** [California] 082539
Storage of "Hass" **avocados** in **polyethylene** 083845
of abscisic acid. [**Tomatoes, avocados**]. 088143

AWN
Studies on inheritance of **awned condition** & 087009

AXENIC
intact peanut roots under **axenic conditions.** 087838
graminis f. sp. tritici in **axenic culture.** [Wh- 089109

AXES
Patterns of protein synthesis in **excised axes** 088164

AZALEAS
Azaleas for May **color.** 088755
Flowering of **azaleas** with **controlled** photop- 087943

AZIDE
perfringens. II. Sodium **azide, crystal** violet, 085484
effects of propylene oxide, **sodium azide,** & 091739

AZINPHOSMETHYL
of dodine & **azinphosmethyl** to **cherry** fruit. 089213

AZOTOBACTER
slime material by some **Azotobacter strains** 091714
fraction of cells of **Azotobacter vinelandii.** 091672

BABESIA
of immunity to **Babesia argentina** & Babesia 085224
strain differences in **Babesia argentina** infec- 085251
Detection of antibodies to **Babesia bigemina** 085223
differences between **babesia bigemina** parasi- 085253
Babesia major story. [Haemaphysalia punct- 090283

BABESIOSIS
Bovine babesiasis: persistence of immunity 085224
Studies on epizootiology of **bovine babesiosis** 085252
Studies on epizootiology of **bovine babesiosis** 085254

BACILLUS
Pseudomonas, **Aeromonas, Bacillus** cereus]. 082862
resistant to antibiotics. [**Bacillus alvei,** Stre- 091198
Ecology of viruses **attacking Bacillus** stearo- 091738
in pasteurized milk. 1. A **bacterium, bacillus** 083372
Choristoneura fumiferana, **biological, bacillus** 090137
Fate of **Bacillus cereus** in cultured & direct 082828
Pseudomonas, Aeromonas, **Bacillus cereus**]. 082862
from bulk collected milk. [**Bacillus cereus**]. 082864
Fate of **Bacillus cereus** in cultured & direct 083325
Colon bacillus--colon serum. [Escherichia co- 085666
mortality studies with **commercial Bacillus** 090134
thuringiensis with other **Bacillus species** bas- 089758
system with **Bacillus stearothermophilus** var 083248
attacking **Bacillus stearothermophilus** in soil 091738
milk. 1. A bacterium, **bacillus subtilis,** isolat- 083372
of action of endotoxin of **Bacillus thurin** gie- 090037
Comparison of **Bacillus thuringiensis** with o- 089758
Selection of strains of **Bacillus thuringiensis** 089835
of delta-endotoxin of **Bacillus thuringiensis** 089928
Field tests with **Bacillus thuringiensis** HD-1 089960
control insect pests. [**Bacillus thuringiensis,** 089992
on cabbage with **Bacillus thuringiensis** & ch- 090012
Aerial application of **Bacillus thuringiensis** 090111
forest defoliators with **bacillus thuringiensis** 090122
fumiferana, biological, **bacillus thuringiensis**] 090137
with commercial **Bacillus thurngiensis** spray- 090134

BACITRACIN
mixutre with supplemented **zinc-bacitracin.** 084458
A comparison between **zinc bacitracin** & nit- 084634

BACON
Nitrosopyrrolidine in **cooked bacon.** 082694
Peas (Pisum) as feed for **bacon pigs;** dehull- 084479
Effect of length of fasting of **bacon pigs** befo- 084693

BACTERIA
Ways in which **bacteria Achromobacter** nem- 090411
flavour production by lactic **acid bacteria.** 083323
of some more disinfectants **against bacteria.** 085238
Resistance to **antibacterial agents** of Escher- 085490
evidence based on **bacteriological analyses** 083225
Screening for **antibacterial, antifungal** & ant- 087197
Bacteriological aspects of bulk milk collecti- 082862
properties of anaerobic **asporogenic bacteria** 085576
in pasteurized milk. 1. A **bacterium, bacillus** 083372
controlling resistance to **bacterial blight** of 086902
seed quality in India. [**Bacterial blight**]. 089239
controlling resistance to **bacterial blight** of 089296
Bacterial blight of cotton. [Xanthomonas m- 089308
Bacterial blight of soybeans as influenced by 089314
Bacterial blight of Gerbera jamesonii incited 089319
seed quality in India. [**Bacterial blight**]. 089320
to Xanthomonas oryzae. [**Bacterial blight**]. 089321
Water relations of food-**borne bacterial** path- 082824
Effect of curing **brine bacteria** on properties 083427
inoculum concentration to **bacterial canker** 089316
Ecological studies on **coccoid bacteria** in a p- 091741
Ecological studies on **coccoid bacteria** in a f- 091742
Studies on Escherichia **coli bacteria** & food 082704
haemolytica as a **bacterium complicating** br- 085433
Bacteriological condition of shell eggs mark- 082410
Elimination of **bacterial contamination** from 088165
small rodents for **bacteriological culture.** 085097
Studies in humic acids **decomposing bacteria** 091785
Studies in humic acids **decomposing bacteria** 091786
Presences of **desulfurizing bacteria** in miner- 092288
mutants of tobacco. [**Bacterial diseases,** Pse- 087158
Apricot scabbing. [**Bacterial diseases**]. 089299
on resistance in crops to **bacterial diseases** in 089302
mutants of tobacco. [**Bacterial diseases,** Pse- 089325
shoots. 4. On **disintegrating bacteria** of bam- 082837
Bacteria, enzymes & wood permeability. 086217
Bacteriological evaluations of swine exposed 085387
changes & **bacteriological examination** of a 085412
response of redgram to **bacterial fertilisation** 091849
on qualitative changes in **bacterial** & **fungal** 089137
benzoate. [Dried fruits, nuts, **fungi, bacteria**] 089042
Determination of **bacterial growth** rates in t- 091528
Occurrence of **heterotropic bacteria** in wate- 092290
Pathogenicity of fungi & **bacteria** from **india** 089658
soil. II. Growth of **bacteria introduced** into 091741
of anaerobic asporogenic **bacteria isolated** fr- 085576
of strawberry, a new **bacteriosis** in **Italy.** [X- 089304
of "malic enzyme" activity of **lactic bacteria** 083689
studies of susceptibility to **bacterial leaf** fre- 087039
Bacterial leaf spot & halo blight diseases of 089301
studies of susceptibility to **bacterial leaf** fre- 089307
of sterigmaticystin in **bacteriological media** 082732
Methanol--bacterium process for scp. [micr- 083900
on pathogenic **microorganisms Bacterium** ne- 085589
of disinfectants. [**Bacteria, Newcastle** disease 085237
in Western Australia. [Root **nodule bacteria** 087885
differences in field. [Root **nodule bacteria**]. 087886
synthesis: evidence for a **bacterial origin** of 088174
relations of food-borne **bacterial pathogens;** 082824
detection of **bacterial pathogens** & their occ- 092452
coating materials on **bacterial penetration** of 082823
studies on a fungal & **bacterial penicillin** V- 087389
Bacterial picture of healthy poultry & those 085457
extracts, & movement of **bacteria** in **plants** 089315
of reducation of **bacteria population** in past- 083451
thiram upon fungal & **bacterial populations** 090378
Methanol--**bacterium process** for scp. [micr- 083900
on proteolytic-enzyme-**producing bacteria** in 083372
cytogenetic, & **antibacterial properties.** 083776
hydroxy analog on **bacterial protein** synthes- 084220
Bacteria & protozoa in rhizosphere. 087466
Psychrotrophic bacteria in sliced ham. 082738
Bacteriological quality of raw beef steaks re- 082673
Bacteriological quality of market milk in P- 082807
for measuring growth of **bacteria** in a **river.** 092087
products of glucolytic **rumen bacteria** in vitro 084234
of growth rates of **bacteria** in **soil.** 091530
Nitrogen nutrition of some **soil bacteria.** 091712
of nutritional groups in **soil bacteria.** 091715
of microflora & **spoilage bacteria** in freshwa- 082811
canned bamboo shoots. 5. **Spoilage bacteria** 082838
interactions between **bacterial strains** in soil 091742
ammonia-N [nitrogen], **total bacteria** & pro- 084550
behavior of peach tree to **bacterial wilt** in c- 089295
of bacteria in plants of **bacterial wilt** resista- 089315
Pseudomonas solanacearum. [**Bacterial wilt**] 089317
influenced by populations of **yellow bacteria** 089314

BACTERICIDES
In vitro **bactericidal capacity** of Blaberus cr- 090197
Comparison of **bactericidal effectiveness** of u- 085589

BACTERIOLYSIS
Studies on insect **bacteriolytic enzymes.** I. 090520

BACTERIOPHAGES
Properties of **Azotabacter bacteriophages.** 091711
Direct demonstration of **phage microlysis** in 085599
Studies on **Salmonella bacteriophages.** 085925
Origin of **phages** in **tissues** of crown gall cul- 089294
Bacteriophage typing of staphylococci isolat- 082821

BAETIS
Polyvoltinism in **Baetis rhodani** Pictet (Ins- 090452
Growth & life cycle of **Baetis rhodani** (Pict. 090563

BAGASSE
Utilisation of **bagasse-a bye**-product of sugar 083098
Suitability of **bagasse** for **dissolving**-grade p- 083094
Simulation of **predrying bagasse** in steam g- 083665

BAGGING
growing ornamental woody plants in **bags.** 088937
vacuum packed in vestamid & **celotes bags** 083489
of "Hass" avocados in **polyethylene bags.** 083845

BAGWORMS
SEE PSYCHIDAE

BAITS
fire ants: eradication trials with **mirex bait.** 090253
Practical suitability of arsenic **poison baits** 090176
in electric grid traps **baited simultaneously** 089916

BAKERS
assigned to genera **Eugnathodus Baker** & Ci- 090955
Baker's yeast--world's oldest food -is newest 083080

BAKING
Role of lour lipids in **baking.** 083547
soy protein product for **bread baking.** 083537
Bread baking qualities of wheat-rye amphip- 083681
Baking industry & world: Tunisia. 083182
of amylases in technique of **baking industry** 083567
in dough characters & **baking properties** of 083612
optimal performance in **baking** from **rye** & 083566

BALANCE
Role of sulphur deficiency in **balance of ash** 087736
Forage **balances calculated** by means of elec- 084508
in citrus orchard & **energy balance** of plant 086654

Cost of fertilisers & **balanced fertilisation.** 082267
fertilization in **balanced** & **hyperploid** struct- 087019
And attempt to **balance influence** of mineral 087811
investigation of **momentum balance** of a spr- 086669
Nitrogen balances of adult human subjects f- 082906
of these two substances on **nitrogen balance** 084429
Concept of **balanced nutrition** & its applicat- 082976
procedures involved in a **nutritional balance** 084469
Balanced pest control. [Gardens]. 090023
Cows didn't **balance ration** with luquid prote- 084534
Balance sheet of farming sector, 1972. 082301
limbatum Neumann. II. **Water balance** of n- 090467
between climatic **water balance** & soil moist- 091500
of soil structure & **water balance** of soils by 091561
in situ on seepage & **balance** of **water** in lo- 092120

BALES
Bale handling systems. [Hay, costs, Britain] 082260
Before you **bale** you've got to mow: getting 088446

BALSAM
during shoot elongation in **balsam fir** (Abies 088252
in Fraser firs infested by **balsam woolly** aph- 090121

BALSAMEA
elongation in balsam fir (**Abies balsamea**). 088252

BAMBOO
studies on high yield pulping of **bamboo.** IV. 083097
Studies on **canned bamboo** shoots. 3. On inc- 082836
*** 082838
Bamboo concrete fence posts. 091270
Genera of **bamboos native** to New World (G- 086577
Todo-fir forest land: growth of **Sasa-bamboo.** 085833
Anatomy of some **bamboo species** in Philipp- 086802

BANANAS
Storage of green plantains. [**Bananas**]. 083826
on fruit growth & maturity in **bananas.** 088219
Selected terms on **bananas.** 088918
in Colletotrichum musae. [**Bananas**]. 089005
in black leaf streak diseases of **bananas** (By- 089012
a new species of insect pests to **banana.** 090085
indole-3-acetic acid oxidase of **banana fruit** 088085
Chilling injury in green **banana fruit:** chang- 089514
glucan phosphorylase from **banana fruits.** 087974
acceptability of **banana nectar.** 083827
nematodes in establishing a **banana orchard.** 089491
Phenological studies of **banana plant.** 088010
State of **banana production** in Philippine Is- 082250
mineral nutrients from **banana pseudostems** 088218
Banana puree processing. 083741
of vernacular names of **banana** in **Southern** 086335
Biogenesis of **banana volatiles.** 083772
Control of **banana weevil** (Cosmopolites sor- 090078
Drainage requirements for **bananas** in **young** 088916

BANDS
of protein by means of **color banding** method 083648
Green bands & Christmas trees. 086002
Banding nitrogen fertilizers in soil: principl- 091826
Nylon bands used as ligatures & fixation de- 085036

BANKS
Development of **agriucltural banks.** 082294
Role of **commercial banks** in financing agric- 082224
Anatomy of **commercial banks** financing to 082226
in handling money--**cooperative banks.** 082295
World **Bank credit** for Mysore land develo- 082270
State Co-operative Land **Development bank** 082269
Bank erosion on low-velocity streams. 092029
Lead banks. 082227
Lead bank schemes & agricultural finance.[082228
Growing a super-**soil bank.** 092030

BARBARY
feeding trials on Sicilian **Barbary breed** & c- 084404
Rearing of **Barbary ducks** for meat. 084782

BARK
Structure, extractives & utilization of **bark** 086097
Microbiological breakdown of **bark.** 088301
of boards from spruce, pine & **beech bark.** 086155
cherry orchards caused by large **bark beetle.** 090065
Yolk deposition in Douglas-fir **bark beetle,** 090109
Role of native elm **bark beetle,** Hylurgopinus 090155
on ecology & control of pine **bark beetle,** B- 090157
Yolk deposition in Douglas-fir **bark beetle,** 090504
Chemical effect of **certain bark** substrates on 088217
Role of native **elm bark** beetle, Hylurgopinus 090155
Yolk deposition in Douglas-**fir bark** beetle, 090109
Shiny-**barked gum,** Eucalyptus pachycalyx 086372
Barks as indicators of air pollution. 089576
in cherry orchards caused by **large bark** bee- 090065
Catechin-dimers in **oak bark** (Quercus robur 088246
Catechin-dimers contained in **oak bark.** IV. 088247
Studies on ecology & control of **pine bark** b- 090157
Triterpenes from **bark** of **Pouteria** caimito. 087558
On **relative bark** thickness connected with r- 088277
Radical change in **bark removal.** 086139
shoots treated by pinching & **bark ringing.** 087980
Alkaloids of **root bark** of Crioceras dipladen- 087494
Shiny-barked gum, Eucalyptus pachycalyx 086372
Bark-stripping by game as an ecological pr- 089474
Chemical effect of certain **bark substrates** on 088217
On relative **bark thickness** connected with r- 088277
dogs from **barking** by **ventriculocordectomy** 085053

BARLEY
hydrolysis of starch in malt. [**Barley**]. 083582
Pyrenophora graminea in Denmark. [**Barley** 086446
combined with mutagens. [**Barley**]. 086872
evaluations of doubled haploids in **barley.** [086884
induced mutations in **barley.** V. Effects of s- 087112
absorption by excised roots of rice & **barley** 087644
on content of vitamins E & P. [**Barley**]. 087656
synthesis in aleurone cells of **barley:** Inhibit- 087682
dormancy by variety, year & grade of **barley** 087810
from leaves of Hordeum vulgare. [**Barley**]. 087825
germination & early growth of **barley.** 087858
Mulching means more moisture. [**Barley**]. 088411
range of Rhynchosporium secalis. [**Barley**]. 089003
zineb on phylloplane microflora of **barley.** [089004
primary sources of inoculum. [**Barley**]. 089056
Pyrenophora graminea in Denmark. [**Barley** 089058
Norway & sources of resistance in **barley.** 089175
process of Erysiphe graminis. [**Barley**]. 089182
Drechslera teres on blotters. [**Barley**]. 089267
combined with mutagens. [**Barley**]. 089613
inhibitors from etiolated leaves of **barley** (089853
brown planthopper in wheat & **barley.** [Laoion concentration] tolerance in **barley.** 089930 086916
wort prepared from **barley** with an **addition** 083575
I. Test of neutron meter on **barley, beans** & 087587
Effect of Fusarium mould of **barley** on **beer** 083040
on malting properties of **brewing barley.** 083630
Effect of **barley** in **broiler** diet on fatty acid 084608
Translational control in **barley coleoptiles** by 087689
of properties of waxy **compana barley** starch 083551
Yield response of **conquest barley** as affected 091816
of heading time in some **barley cultivars.** 087809
gramineum] stripe in **barley cultivars** in Ind- 089227
in leaves of phosphorus-**deficient barley.** 089456
during germination of **barleys** that **differ** in 083554
in nutrient contents of spring **barley Dvoran** 087648
by slices from greening **etiolated barley** & 087854
Cation uptake by **excised barley** roots from 087660
nitrogen & irrigation on yield of **feed barley** 088354
Effect of **feeding barley** at different moisture 084493
during haploid formation in **barley following** 086886
endopeptidase from **germinated barley.** 087833
Modification of **barley grain** into malt with- 083543
of Rhynchosporium secalis on **barley grain.** 089002
of cytochrome b-559 in **greening barley** seed- 087842
Replacement of **ground barley** & steamed po- 084685
on seed dormacy of post-**harvest barley.** II. 087810
in calves fed intensively on **barley** with **hay** 084113
of hybrids & varieties of **barley induced** by 086941
in brome mosaic virus **infected barley** as a c- 089423
diphosphate carboxylase in **barley leaves.** 087836
high molecular weight RNA in **barley leaves** 089374
by Toppan moisture meter. [**Barley, malt,** h- 083542
some qualitative features of **malt barley.** 088306
Antocyanogens of **malting barley** varieties in 083592
Means for control of **barley mildew.** [Erysi- 089035
of starch components of **normal barley,** & b- 087890
1972 **Barley** & **oat** tests. 088361
seed quality. Field experiment. [**Barley, oats**] 083670
Inducing mutations in **barley** & **oats** with c- 086942
for each region. [Wheat, **barley, oats**]. 088531
B & their esters in **barley,** using **partition** & 082689
B & their esters in **barley,** using **partition** & 082690
soils. I. In sandy soil under **barley** & **peanut** 091779
crops. II. Spring wheat, **barley, potatoes** (1 087586
Impace of winter-**barley production** on full 091353
treatment of **barley** on **productive** performa- 084444
of added selenite & selenate by **barley** & **red** 087780
Structure of **barley roots** in relation to tran- 086818
Cation uptake by excised **barley roots** from 087660
on potassium absorption by **barley roots.** 087737
b-559 in greening **barley seedlings.** 087842
Reuse of **barley soak** liquor & its effect on 083031
in nutrient contents of **spring barley** Dvoran 087648
Barley starch. V. A comparison of properties 083551
of normal barley, & **barley** with **starch** of hi- 087890
Regulation of growth of **barley stem** by 2-ch- 087746
in barley leaves infected with **barley stripe** 089374
on quantity & quality of **summer barley** & r- 087873
forming of yields of **summer barley.** 088504
beef from steers fed moisture **treated barley** 082725
mycelium of loose smut of **barley-Ustilago** n- 089293
Antocyanogens of malting **barley varieties** in 083592
Wocus 71; a new high yielding **barley variety.** 088353
cereals for protein. [Corn, **wheat, barley**]. 087165
use by farm crops. II. Spring **wheat, barley,** 087586
Amylases of developing **wheat,barley,** & oat 087726
isoamylases of rye seeds. [**Wheat, barley.**]. 087820
for each region. [**Wheat, barley,** oats]. 088531
A new virus of **wheat, barley** & several other 089360
Impace of **winter-barley** production on full 091353
Wocus 71; a new high **yielding barley** variety 088353

BARNS
Barns exposed to sun. [Cattle]. 091266
of dimension of animal non-**heated barns.** 091284
A modern **milking barn** for dairy goats. 091234
dimensions for heat installation in **pig barns** 091280
system ... for cold, free--**stall barns.** 091295

BAROMETERS
Barometer of **past** & present. [Poultry farm- 082171

BARROWS
muscle & fat distribution in **boars, barrows** 084490

BARTLETT
SEE PEARS

BASAL
of White Leghorn cocks **bearing basal** hypo- 084896
Effects of **basal dressing** level on dry matter 087805
Basal lamina of white fat adipose cell & its 084021
Basal levels of prolactin in goat blood meas- 084228

BASALTS
physico-chemical properties of **basaltic soils** 091671

BASIDIOMYCETES
bodies of **Basidiomycetes** in North **America** 090573
blight of rice. [**Corticiaceae, Basidiomycetes** 089113

BASIDIOSPORES
of **basidiospores** during **discharge** period. [A- 087304

BASINS
Intensive farming in Te **Anau Basin.** 082158
catchment in Milan **Basin depending** on lar- 091250
valuable honey plants of **Donets Basin.** [Apis 088969
phosphorus in Lake George **drainage basin:** 092422
submerged in Rovine lake in **basin** of **Gesso** 086174
seepage & balance of water in **lower basin** of 092120
Cretaceous-Tertiary limit in **Majunga basin** 086323
control measures relating to **Basin** of **Orb** (092183
regulation by means of **retention basins** & t- 092178
meteorological bulletin of Panaro **river basin** 081949
Nitrates in Upper Santa Ana **River Basin** in 092318
Batrachium from Nowy **Targ Basin** (Poland) 086700
soil water properties of **Tavankut basin** from 092249

BATHYPLECTES
for parasitoids. [**Bathyplectes curculionis**]. 089897

BATS
Two bug pests of **bats occurring** in Mexico. 090277

BATTERIES
A **battery driven** light source. [Insect traps] 090555

BAZZANIA
hydrocarbons of **Bazzania trilobata.** 087529

BEACHGRASS
of Marasmius blight of **american beachgrass.** 089192

BEAGLES
Circulating hormone levels in **cycling beagle** 084775

BEANS
prepared from navy (haricot) **beans** (Phaseo- 084459
of gamma-rays & nitrosoethyl urea on **beans** 086946
carbon dioxide by roots of maize & **bean.** 087743
in plant organs of various ages. [**Beans**]. 087920
leaves of Phaseolus vulgaris L. [**Beans**]. 088013
with different drought-resistance. [**Beans**]. 088034
diseased Phaseolus vulgaris tissue. [**Beans**]. 088149
of protein synthesis in excised axes. [**Beans**] 088164
study of some varieties of **beans.** 088591
Control of molds in **beans.** 089163
of Sclerotinia sclerotiorum infection of **bean** 089191
on Fusarium [solani] dry root rot of **beans.** 089197
hybrdization between **adsuki bean,** Phaseolus 086990
autoradiography of rust-**affected bean** leaves 089177
Liriomyza trifolii Burgess **attacking beans** in 090094
I. Test of neutron meter on **barley, beans** & 087587
hybrdization between **adsuki bean,** Phaseolus 086990
Twenty-two years of **breeding beans.** 087115
to seed rate & spacing. [**Broad beans**]. 088356
Preventing blackening of **broad bean** (Vicia 089448
Free fatty acid content of **cacao beans** infes- 083124
on fine structure of **bean chloroplasts.** 088018
determination of mycotoxins in **cocoa beans** 082683
of 2-acetoxyethanol in **cocoa beans** & cocoa 083179
managament: ". .. Up to half of **coffee bean"** 083070
applied Cr. [Chromium, **contamination beans**] 092419
fed combinations of wheat, **beans, corn,** milk 082906
carbon 14 by higher plants. [**Beans, corn**]. 088208
in plant mitochondria. [Kidney **beans, corn**] 089541
a fraction from leaves that **dissociates bean** 087962
Carbohydrates of spring & winter **field beans** 083797
Early maturing **field beans.** 088568
"flat beans": A new source of haploidy in ca- 086882
etiolated cotyledons of **French bean** Phaseo- 087964
Cultivation of **French beans.** 088629
hazel-nuts, peanuts, copra, nuts, **garlic, beans** 090311
formation in cotyledons of **germinating bean** 088176
enzymes extracted from frozen **green beans** 083751

other important diseases of **green beans.** 089537
Lygus [hesperus] bugs on **green beans:** a co- 090659
in soils. II. In sandy soil under **horse-bean** 091780
reinfection. I. Research on **beans infected** by 089251
fatty acid content of cacao **beans infested** wi- 083124
on internodal response of **intact bean** plants 087986
potatoes (1969); potatoes, **beans, kale** (1968 087586
Are there varieties of **kidney beans** resistant 087186
dissociates bean ribosomes. [**Kidney beans**] 087962
of Phaseolus vulgaris L. [**Kidney beans**]. 087984
Phaseolus vulgaris var. Pinto. [**Kidney beans**] 088152
Phaseolus vulgaris seed. [**Kidney beans**]. 088180
initiation in four varieties of **kidney bean.** 088190
molybdenum on forming of **kidney bean** nod- 088201
of Phaseolus vulgaris L.1 [**Kidney beans**]. 089066
A serious infection of leaves of **kidney beans** 089249
Are there varieties of **kidney beans** resistant 089431
in plant mitochondria. [**Kidney beans,** corn] 089541
to insect attack. [Mucuna, **kidney beans**]. 090083
vulgaris mitochondria. [**Kidney beans**]. 087821
autoradiography of rust-affected **bean leaves** 089177
ureas in monuron-treated **bean leaves.** 089755
Corn, potatoes, rice, navy beans, **lima beans** 083550
A natural tetraploid **mung bean** of suspected 086983
by a Phaseolus aureus enzyme. [**Mung beans**] 087963
in Phaseolus aureus. [**Mung beans**]. 088146
of auxin conjugation. [**Mung beans**]. 088154
from Phaseolus aureus. [**Mung beans**]. 088157
spot & halo blight diseases of **mung bean** (089301
in India. IV. Resistance in **mung bean** (Pha- 089302
maturities. [Corn, potatoes, rice, **navy beans** 083550
on forming of kidney **bean nodules** (Phaseol- 088201
beef tallow, coconut oil or soya-**bean oil.** 084460
between adsuki **bean, Phaseolus** angularis 086990
cotyledons of French **bean Phaseolus** vulgaris 087964
mixed with soil. [Siratro **beans, plant** risidu- 091982
on internodal response of intact **bean plants** 087986
barley, potatoes (1969); **potatoes, beans,** ka- 087586
europaea, Acer **pseudoplatanus, beans**]. 089335
group. 1. A simple method to **purify bean** ye- 089357
pesticide residues from rice, **red beans** & soy 082735
Are there varieties of kidney **beans resistant** 087186
from leaves that dissociates **bean ribosomes.** 087962
Phaseolus coccineus. [Scarlet **runner beans**] 086746
Phaseolus coccineus. [Scarlet **runner beans**] 087985
in cotyledons of germinating **bean seeds.** 088176
mixed with soil. [**Siratro beans,** plant risidu- 091982
Narrow rows for **snap beans.** 088861
flat-podded rogues in seed lots of **snap bean** 089497
residues from rice, red beans & **soy beans.** 082735
either beef tallow, coconut oil or **soya-bean** 084460
in parallel columns. [Corn **starch, beans**]. 092336
by application of radiation **sterile bean** weev- 090064
hydroxylated ureas in monuron-**treated bean** 089755
application of radiation sterile **bean weevil** 090064
subjects fed combinations of **wheat, beans,** c- 082906
A simple method to purify **bean yellow** mos- 089357
inclusions induced by **bean yellow** mosaic vi- 089359

BEAST
SEE ANIMALS

BEAUVERIA

entomophagous fungus **Beauveria bassiana** & 087639
anisopliae & **Beauveria bassiana** & nematode 090029

BEDROCK

exploration of soils & **shallow bedrock** in fo- 085828

BEDS

to raise plants for **beds & balconies.** 091885
Shelter & **bedding** for **beef** cows. 083948
On susceptibility of **bed bug,** Cimex lectular- 090235
irrigation systems with steep **canal bed** slop- 092146
as a consequence of spouted **bed drying.** 083594
Bedding & fertilization influence on slash p- 086025
of canned foods in **fluidized beds.** 083106
utilization by afforestations of **former bed** of 085959
Microclimate in **bed** of **gravel** culture. [Hyd- 088837
Appreciation of **bed-load** theories to sedime- 092209
Fresh **sawdust bedding**--a possible source of 085209
in chick embryo. II. stromal **wound bed** as a 084334

BEECHES

to knowledge on distribution of **acid beech** s- 086674
of boards from spruce, pine & **beech bark.** 086155
structure & litter fall of a **coppiced beech** F- 086052
Future development of **beech economy.** [Fag- 086000
Effect of **European beech** on coniferous stand 091663
of phytophagous insects in **beech forests.** I. 090150
within natural range of **mountain beech** sta- 086061
Beech production & management in Tyskla- 085950
results with conversions of **beech stands** from 085895

BEECHWOOD

strength of pine sapwood & **beechwood** at d- 086153

BEEF

Boycott altered demand situation. [**Beef**]. 082364
proposed grading system alteration. [**Beef**]. 082727
Conventional & microwave heating of **beef:** 083433
ion-concentration] variation in **beef.** 083465
slaughter treatments on tenderness of **beef.** 083467
enriched TVP & **beef** for **adolescent** boys. 082962
University of **Alberta beef** breeding project 084817
Progress in **bull beef** grading...but not enou- 082728
of size, shape & performance of **beef bulls.** I 084213
of size, shape & performance of **beef bulls.** II 084214
of size, shape & performance of **beef bulls.** I- 084843
outdoor environments on **beef calves.** 084150
post-weaning stresses on **beef calves.** 084151
on weaning stress in **beef calves.** 084152
of respiratory system, verified in **beef calves** 085806
Aroma of **canned beef:** models for correlation 082963
Tenderometer rates **beef carcass** quality. 082749
Ia test carving of **beef** in **carcasses** evaluati- 083414
chemical composition of **beef carcasses** from 083459
New South Wales **beef cattle** industry: a su- 082206
Seasonal movement of **beef cattle** prices by 082428
Raising & fattening of **beef cattle.** 9. 083923
Beef cattle feedlot management in United S- 083925
Management & problem of **beef cattle** ranch- 083971
way, says coastal researchers. [**Beef cattle**] 083973
Beef cattle & meat industry of North Rhine 083996
carcass characters of **beef cattle** during fatt- 084159
Carcass development in **beef cattle** subsequ- 084215
related metabolic imbalance in **beef cattle.** 084335
metabolism in rumen of growing **beef cattle.** 084387
Biological value of proteins for **beef cattle.** 084402
carcass characters of **beef cattle** during fatt- 084533
Feeding gin trash to **beef cattle.** 084647
Selecting **beef cattle** for marketing. 084744
analysis of reproductive traits in **beef cattle** 084831
Who is a breeder. [**Beef cattle**]. 084881
by design, not chance. [**Beef cattle**]. 084882
Characters for **beef cattle** selection. 084895
growth of micro-organisms on **chilled beef** sl- 082815
Importance of a single **beef cow.** 083975
Shelter & bedding for **beef cows.** 083948
butterfat in a whole-milk diet by **either beef** 084460
At Nine: Too much pork, not **enough beef.** 082551
Land availability is key to **beef expansion.** 082062
Australia now world's largest **beef exporter-** 082381
Progress in bull **beef grading**...but not enou- 082728
Palatability of **ground beef** home frozen & s- 082750
on metabolism in rumen of **growing beef** catt- 084387
Pasture programs for replacement **beef heifer.** 083969
heat periods could make **beef heifer** product- 084144
Pasture programs for replacement **beef heifer.** 084624
Palatability of ground **beef home** frozen & s- 082750
ons" for past five years. [**Beef industry**]. 082608
retailer attitudes on **beef industry.** 082724
Market for **beef** in **Japan.** 082333
Japanese beef market. 082449
Australia now world's **largest beef** exporter- 082381
Eating quality of highly **marbled beef.** 082726
Japanese **beef market.** 082449
Beef market in 1972. 082454
Japanese **beef market.** 083371
Maturing beef in stretch-film wrapping. 083426
Beef producation with Chiana & Chiana X 084405
Tenderometer **rates beef** carcass quality. 082749
Bacteriological quality of **raw beef** steaks re- 082673
Freezing of **raw beef:** influence of aging, fre- 082959
Pasture programs for **replacement beef** heifer 083969
Selecting beef cattle for marketing. 084744
Importance of a **single beef** cow. 083975
Outlook in production of **beef** in **Southern** I- 082642
Bacteriological quality of raw **beef steaks** re- 082673
Eating quality of **beef** from **steers** fed moist- 082725
molasses toxicity" in Cuba. [**Beef, Sugarcane,** 084698
in a whole-milk diet by either **beef tallow,** c- 084460
Feedlots in Australia. [**Beef trade,** Japan]. 082380
World **beef trade** patterns. 082384
Community] market for **beef & veal.** 082360
New South **Wales beef** cattle industry: a su- 082206
World beef trade patterns. 082384

BEEHIVES

from modern comb construction. [**Beehives**] 091223
Wire grating for **beehive front.** 091213

BEEKEEPING

Closed vans & trucks for **beekeeping.** 091130
Beekeeping with **alfalfa** leafcutter bees in C- 091109
Beekeeper-bee-technique coalition. 091065
Beekeeping in **Chinese** People's Republic. 091136
Beekeeping in **Connecticut** since 1961. [Apis 091077
Beekeeping in **Embu** district, Kenya. [Apicu- 091106
Last beekeeper tribunak in Feucht. 091147
Beekeeper, now is still time for plants of ea- 088952
Beekeeping for **pollination** in United States. 091086
with predominantly **small beekeeping** still t- 091221
Seminar on **beekeeping** in **Tunisia.** I. 091063
Seminar on **beekeeping** in **Tunisia.** II. 091066

BEERS

Two words, one **beer;** no words, little beer. 082339
its effect on nature of malt, wort & **beer.** II 083031
Methods on stability of **beer.** 083033
Glycerine in **beer.** I. Occurrence & significa- 083042
of nitrogenous substances in wort & **beer.** I 083043
Bitter taste of **beer.** 083044
Glycerine in **beer.** II. Effect of practical co- 083045
Bitter tasting compounds of **beer;** chemistry 083119
on protein composition of worts & **beers.** 083541
of some alcohols, ester & acids in **beer.** 083628
their uses for dair y cow. 13. [**Beer**]. 084420
Characterization of low-grade **alkoholic bee-s,** 083036
based on an invalid explained **beer delivery** 083035
Demand for **beer** as a **function** of weather in 082404
mould of barley on **beer production.** 083040
values as a criterion for **beer quality.** 083030
products. [Pediococcus damnosus, **wort, beer** 082778

BEES

will be for some day purebred sources! [**Be-s**] 091069
significance & research needs. [**Bees**]. 091073
Methods of communication among **honeybees.** 091075
new decree for protection of **bees.** 091078
agricultural production in Italy. [**Honeybees** 091084
flight activity & mating behavior of **drones.** 091092
his studies on anatomy of **honeybee.** [Apis 091107
of pollen grains & their degradation by **bees** 091110
suspicion of foulbrood. [**Honeybees**]. 091111
change caused by foulbrood. [**Honeybees**]. 091112
Artificial insemination. [**Honeybees**]. 091114
How about stinger & sting? [**Honeybees**]. 091129
especially for our quotations. [**Bees**]. 091131
Large swarms bring more. [**Bees**]. 091135
Enzymes. [**Bees**]. 091137
Construction of a purebred evidence. [**Bees**] 091144
in nine illustrated photographs. [**Bees**]. 091148
economical stand as a testing stand. [**Bees**] 091149
Foraging behaviour of **honeybees** (Apis melli- 091169
Acetic acid & wintering of **bees.** [Apis melli- 091192
in honey, royal jelly & bodies of **bees.** [Apis 091199
development & performance of queens. [**Bees**] 091218
Observations with marked queens. [**Bees**]. 091219
queens, a phenomenon of numb fright. [**Bees**] 091225
new decree for protection of **bees.** 092304
microscope. III. wax membrane of **bees.** 091142
Effect of bayluscide on honey **bee, Apis** mell- 091124
experiments with **honeybees** in **apple** orchar- 088102
of Nosema disease cases in **bees applying** av- 091203
today: Celebration speech at **Bavarian Bee** 091138
Effect of bayluscide on honey **bee, Apis** mell- 091124
Beekeeper-bee-technique coalition. 091065
of queen substance & **bee behavior** in retinue 091188
Man is **bee's biggest** enemy. [Apis mellifica] 091134
Bee biology in scanning microscope. I. sense 090578
Bee biology in scanning microscope. II. bee 091139
Bee biology in scanning microscope. III. w- 091142
Values of **bee breeding.** 091132
Morphological evaluation of **bees** in **breeding** 091202
Who are our **bee breeding** consultants? 091220
requirements of **honeybees** for **brood** rearing 091155
Short hints on **bees** & their **care.** 091211
Carnica bees of Racheldiensthutte [Apis mel- 091133
Productive values of **Caucasians bees,** Polish 091207
Reproduction in **Apis cerana.** 1. Mating beh- 091164
Flight range of **Apis cerana** indica when ent- 091166
Bees on **coats**-of-arms of cities in Tambov P- 091184
of drone broods by honey **bee colonies** (Apis 091095
Studies on populations of honey **bee colonies** 091103
on Nosema disease in **honeybee colonies.** [091157
Multiple-**colony bumblebee** post. [Bombus] 090765
by bees using wax extracted from **bee combs** 091206
Bees in **criminal** law. [Apiculture]. 082529
on behaviour of **honeybees** on **crop.** [Apis m- 088081
Rearing larvae of **leaf-cutter bee** Megachile 090651
on activity of alfalfa leaf-**cutter bee** Megachi- 090652
Celebration speech at Bavarian **Bee Day** in 091138
on molecular structure of **different bee** races 091187
Occurrence of **diploid drones** in a neotropic- 091125
on causal organisms of **bee diseases.** [Apis 091189
species of honey bees. [Apis **dorsata, Apis** fl- 091126
of normal & mutant **drone honeybees.** [Apis 091158
Rearing **drone honeybees** in an incubator. [091165
Nosema apis in **drone honeybees.** [Apis mell- 091167
Dark Far-**eastern bees.** [Apis mellifera]. 091186
Nosema disease of **bees, an economical** prob- 091215
of psychiatric patients. [Queen **bee embryos** 082971
Effects of **emerging bees** & of winter flights 091157
Bacillus alvei, Streptococcus **apis, european** 091198
Bee as a **factor** of agricultural production in 091084
Bee fauna of Macedonia. (Colletidae. Andre- 090900
of honey bees. [Apis dorsata, **Apis florea**]. 091126
situation of wings of **bees** into **general** sche- 091093
Management of **bees** in **greenhouses.** [Apis 091185
of insecticide residues in **bee honey.** 082860
of herbicide residues in **bee honey.** 082861
Pollination of chestnut by **honey bees.** [Apis 088116
of pesticide residues in **bee honey.** II. Semi- 089695
Periplaneta americana) & **honey bee** (Apis 090188
Insecticide toxicity to **honey bees.** 090317
of insecticide residues in **bee honey.** 090365
Relationship between weight of **honey-bee** q- 091074
in production of drone broods by **honey bee** 091095
in Southern Victoria. [**Honey bees**]. 091100
Studies on populations of **honey bee** colonies 091103
of Nosema apis Zander in **honey bee** (Apis 091117
Improving **honey bees.** [Apis mellifera]. 091118
Honey bee's ability to regulate temperature. 091119
Insecticide toxicity to **honey bees.** 091122
Effect of bayluscide on **honey bee,** Apis mell- 091124

isolated from two species of **honey bees.** [Ap- 091126
Longevity & survival of **honey bee** larvae on 091127
Color-time association studies in **honey bees** 091128
Periplaneta americana) & **honey bee** (Apis 091153
of Nosema disease from infected **honey bee** 091171
Female dimorphism in **honey-bee** larvae with 091173
Pollination of chestnut by **honey bees.** [Apis 091182
Mating of **honey bee** queens in mating stati- 091208
Utilization of **honey bees** for increasing pro- 091209
Tenfold uses of **honey bees.** [Apis mellifera] 091224
Fruit cultivation & **bee keeping.** [Hymenopt- 091227
of carbamult to **bees** under **laboratory** condi- 089826
in mating station with a **large drones** number 091208
Longevity & survival of honey **bee larvae** on 091127
Female dimorphism in honey-**bee larvae** with 091173
Beekeeping with alfalfa **leafcutter bees** in C- 091109
of IV tergite of abdomen among **local bees** in 091205
biology in scanning microscope. II. **bee louse.** 091139
Rearing larvae of leaf-cutter **bee Megachile** 090651
activity of alfalfa leaf-cutter **bee Megachile** 090652
Venom of worker bees. **[Apis melifera].** 090274
in pollination of cherries. **[Apis mellifera].** 087957
of honeybees on crop. **[Apis mellifera].** 088081
of chestnut by honey bees. **[Apis mellifera]** 088116
plants of Donets Basin. **[Apis mellifera].** 088969
americana) & honey bee **(Apis mellifera)** br- 090188
in field of bee pathology. **[Apis mellifera,** di- 090737
caged workers & nuclei of **Apis mellifera** 1. 091071
weight of honey-bee queens **(Apis mellifera** 091074
among honeybees. **[Apis mellifera].** 091075
of quality honeybee queens. **[Apis mellifera]** 091076
in Connecticut since 1961. **[Apis mellifera].** 091077
Amazon Region in Bolivia. **[Apis mellifera]** 091079
Humatin on Nosema apis. **[Apis mellifera].** 091082
pollination in Australia. **[Apis mellifera].** 091085
pollination in United States. **[Apis mellifera** 091086
fees in Georgian SSR. **[Apis mellifera].** 091087
highly specialized bee. **[Apis mellifera** ligust- 091089
areas & mating distance. **[Apis mellifera].** 091092
of evolution of animal wing. **[Apis mellifera]** 091093
gland of worker bees. **[Apis mellifera].** 091094
in pollination of cherries. **[Apis mellifera].** 091104
in England & Wales, 1971. **[Apis mellifera]** 091105
on anatomy of honeybee. **[Apis mellifera].** 091107
their degradation by bees. **[Apis mellifera].** 091110
Sanitary service for **Apis mellifera.** 091116
Improving honey bees. **[Apis mellifera].** 091118
to regulate temperature. **[Apis mellifera].** 091119
of laying worker honeybees **(Apis mellifera** 091120
bee larvae on artificial diets. **[Apis mellifera** 091127
bees of Racheldiensthutte **[Apis mellifera** ca- 091133
americana) & honey bee **(Apis mellifera)** br- 091153
on honeybees in Tropics. **[Apis mellifera].** 091156
disease in honeybee colonies. **[Apis mellifera]** 091157
mutant drone honeybees. **[Apis mellifera].** 091158
swarming worker honeybees. **[Apis mellifera** 091161
honeybee swarm clusters. **[Apis mellifera].** 091162
of queen honeybee. **[Apis mellifera].** 091163
honeybees in an incubator. **[Apis mellifera].** 091165
apis in drone honeybees. **[Apis mellifera].** 091167
of honeybees on crop. **[Apis mellifera].** 091168
behaviour of honeybees **(Apis mellifera** 1.) 091169
to queens in mating nuclei. **[Apis mellifera]** 091171
to glucose metabolism. **[Apis mellifera].** 091173
of chestnut by honey bees. **[Apis mellifera]** 091182
of bees in greenhouses. **[Apis mellifera,** cuc- 091185
Dark Far-eastern bees. **[Apis mellifera].** 091186
of different bee races. **[Apis mellifera].** 091187
bee behavior in retinue. **[Apis mellifera].** 091188
acid & wintering of bees. **[Apis mellifera].** 091192
in polarized light. **[Apis mellifera].** 091193
foulbrood in Azerbaijan. **[Apis mellifera,** dis- 091194
assuring a good wintering. **[Apis mellifera].** 091195
royal jelly & bodies of bees. **[Apis mellifera]** 091199
among local bees in Poland. **[Apis mellifera]** 091205
with a large drones number. **[Apis mellifera]** 091208
Tenfold uses of honey bees. **[Apis mellifera]** 091224
organisms of bee diseases. **[Apis mellifera].** 091189
functions of worker bees **(Apis mellifica** L.) 091058
Caspian lowland forest. **[Apis mellifica].** 091068
by honey bee colonies **(Apis mellifica** L.). 091095
apis Zander in honey bee **(Apis mellifica** L.) 091117
of bayluscide on honey bee, **Apis mellifica** L 091124
Man is bee's biggest enemy. **[Apis mellifica]** 091134
memory inhibition in **Apis mellifica** & Apis 091170
of diploid drones in a **neotropical bumblebee** 091125
Our association's organ, **Bee newspaper.** 091216
B, Nosemack & Humatin on **Nosema apis.** 091082
factors of development of **Nosema apis** Zan- 091117
Nosema apis in drone honeybees. [Apis mell- 091167
mating station with a large **drones number.** 091208
Our association's **organ, Bee** newspaper. 091216
Bee orientation in polarized light. [Apis mel- 091193
Research in field of **bee pathology.** [Apis me- 090737
enemy of Achnoia grisella. **[Honeybees pests]** 091115
plant protection materials in **poisoned bees** 090308
Bee poisoning in England & Wales, 1971. [091105
Productive values of Caucasians **bees, Polish** 091207
Role of **honeybees** in **pollination** of cherries. 087957
Honeybee pollination in Australia. [Apis me- 091085
Crop pollination by **bees & pollination** fees 091087
Role of **honeybees** in **pollination** of cherries. 091104

Multiple-colony **bumblebee post.** [Bombus] 090765
for multiple rearing of **quality honeybee** que- 091076
a group of psychiatric patients. **[Queen bee** 082971
Relationship between **queen bees** & honey p- 091099
jelly during development of **queen honeybee.** 091163
between weight of honey-**bee queens** (Apis 091074
multiple rearing of quality **honeybee queens.** 091076
Mating of honey **bee queens** in mating stati- 091208
on molecular structure of different **bee races** 091187
Behaviour of **bees** in **relation** to pollination 091088
Behaviour of **bees** in **relation** to pollination. 091101
batches of queens without **renewing bees** in 091080
Investigations on **bee royal** jelly. [Nutritive 082987
Bees in **service** of environmental control & 091083
Trap-nesting **solitary bees** for students of bi- 090899
Problems concerning highly **specialized bee.** 091089
Tree **bee stocks** in South Caspian lowland f- 091068
Bacillus alvei, **Streptococcus apis,** european 091198
process of monogerm F1 hybrid in **sugar bee** 087000
of food reserves in "model" **honeybee swarm** 091162
Beekeeper-**bee-technique** coalition. 091065
Bee of **tomorrow** & its development. [Apicul- 091081
Tree bee stocks in South Caspian lowland f- 091068
ventilation on **honeybees** in **Tropics.** [Apis 091156
fibrillar muscles in **bumblebee** during **warm-** 090669
reconstruction by **bees** using **wax** extracted 091206
Distribution of flights of **wild bees** in some 090461
biological aspects of two local **wild bees** with 090805
Venom of **worker bees.** [Apis melifera]. 090274
for particular functions of **worker bees** (Apis 091058
secreted by pharyngeal gland of **worker bees** 091094
Effects of laying **worker honeybees** (Apis m- 091120
Engorgement of swarming **worker honeybees** 091161
disease from infected honey **bee workers** to 091171
of development of Nosema **apis Zander** in h- 091117

BEESWAX

analytical values of **beeswax & detection** of 082792
Beeswax testing. 083088

BEETLES

Artemisia longiloba (Osterhout) **beetle.** 090826
Adelops) **beetles** of North **America** (Coleopt- 090975
Anobiid beetles should be controlled. [Wood 090152
cherry orchards caused by large **bark beetle.** 090065
Role of native elm **bark beetle,** Hylurgopinus 090155
on ecology & control of pine **bark beetle,** B- 090157
Yolk deposition in Douglas-fir **bark beetle,** 090109
control of pine bark **beetle, Blastophagus** pi- 090157
view of distribution of **buprestid beetles.** [C- 091013
sensitivity of corn sap **beetle, Carpophilus** d- 090184
Destructive leaf **chafer beetles** of forests of 090163
A **chrysomelid beetle** defoliating big sagebru- 089624
Host preference in **ciid beetles** (Coleoptera: 090573
Ground **beetles collected** from sea-shore drif- 090543
A chrysomelid **beetle defoliating** big sagebru- 089624
in Douglas-fir bark **beetle, Dendroctonus** ps- 090109
by female **Dendroctonus beetles.** 090694
on reproduction of hide **beetle, Dermestes** 090681
in elytra of hercules **beetle, Dynastes** hercul- 090680
Elaterid beetles from Borneo in Bishop Mu- 091018
applied insecticides. 1. Tobacco **flea beetles.** 089969
Collecting hibernating **ground beetles** under 090540
Ground beetles collected from sea-shore drif- 090543
of meta-cresol by some **ground beetles.** [Car- 090752
direction-finding by whirligig **beetle Gyrinus** 090656
Control **Hadda beetle** of brinjal. [Eggplant] 090074
colour change in elytra of **hercules beetle,** 090680
biotin on reproduction of **hide beetle,** Derm- 090681
pupa of predaceous water **beetle, Hygrotus** 090478
Role of native elm bark **beetle, Hylurgopinus** 090155
Japanese beetle. [Popillia japonica, control] 089775
coconut palm rhinoceros **beetles Oryctes** rh- 090038
populations of horned **passalus beetle** (Cole- 090565
populations of Colorado **potato beetle.** Lept- 089979
at biological control of **rhinoceros beetle.** [089861
an attractant for coconut **rhinoceros beetle.** 090026
against coconut palm **rhinoceros beetles** Or- 090038
Colorado **scale beetle.** [Leptinotarsa decemli- 089989
Larva & pupa of predaceous **water beetle,** 090478
of direction-finding by **whirligig beetle** Gyri- 090656

BEETS

in disks of Beta vulgaris leaves. **[Beets].** 088133
on incidence of aphids & yellows in **beet.** [089902
on respiratory metabolism of **adult beet** ar- 090464
texture profile of irradiated **carrots, beets &** 083800
Sugar **beet cultivation** on converted upland f- 088433
manuring. [Grain, potatoes, **beets, East** Ge- 088322
plant yield. [Corn, sugar **beets, East** Germa- 088326
manuring. [Grain, potatoes, **beets, East** Ge- 091800
Sugar **beet enterprise** costs & returns. 082276
problem of yield variation with **fodder beet.** 088328
of Cercospora control. [Sugar **beets, fungus** 089171
economic evaluation of sugar **beet gathering** 082085
Studies on "sugar **beet nursing** plant". 1. O- 088427
Sugar **beet pest** & disease incidence & dama- 089498
photosynthesis of sugar **beet plants.** 087784
of organic manuring. [Grain, **potatoes, beets,** 088322
on perfect stage of sugar **beet powdery** mild- 089174
of drying process of sugar **beet pulp.** [Feed] 083878
of maize/dried sugar **beet pulp** diets on met- 084387

Dried potatoes & dried sugar **beet pulp** as e- 084691
Institute for Sugar **Beet Research]** enquiry 089498
of Rhizoctonia solani on sugar **beet roots** in 089120
on pelleted monogerm sugar **beet seed.** [Fu- 089258
Field trials with sugar **beet seed** treated with 089976
after harvest on quality of sugar **beet seed.** 083618
Dried sugar **beet slices** for fattengin pigs. 084686
in cytoplasmic male **sterile beets.** 086999
Quality assessment of **beetroot** from **storage** 082816
economic evaluation of **sugar beet** gathering 082085
Sugar beet enterprise costs & returns. 082276
after harvest on quality of **sugar beet** seed. 083618
Water conservation in **beet sugar** industry. 083717
equipment for potatoes & **sugar beets** for fo- 083814
of drying process of **sugar beet** pulp. [Feed] 083878
supplementation of maize/dried **sugar beet** 084387
Dried **sugar beet** slices for fattengin pigs. 084686
Dried potatoes & dried **sugar beet** pulp as e- 084691
triploidy in F1 hybrids of **sugar beet** varieti- 086838
different types of trisomics in **sugar beets.** 087002
by gamma irradiation in **sugar beets.** 087003
of soils in ponds fertilized with **beet-sugar** f- 087206
ponds enriched with wastes from **beet sugar** 087207
in a pond polluted with **beet sugar** factory 087208
neutron meter on barley, beans & **sugar beet** 087587
Response by **sugar beet** to soil dressings & 087781
Studies on bolting & flowering of **sugar beet** 087783
photosynthesis of **sugar beet** plants. 087784
Study on growth acceleration of **sugar beets.** 087785
A study of anther culture in **sugar beets.** 087786
plant yield. [Corn, **sugar beets,** East Germa- 088326
with monogerm genetic types of **sugar beets** 088415
Studies on succession cropping of **sugar beets.** 088426
Studies on "**sugar beet** nursing plant". 1. O- 088427
Study on cultivation method of **sugar beets** 088428
pot in transplanting culture of **sugar beet** on 088431
after harvest on quality of **sugar beet** seed. 088432
Sugar beet cultivation on converted upland f- 088433
on non-thinning cultivation of **sugar beets.** 088434
between stand & root yield of **sugar beets** in 088435
transplanting system of **sugar beets** using m- 088436
Variety microtrials with **sugar beet** in 1971 088505
on occurrence of rhizomania in **sugar beet** in 089114
Studies on succession cropping of **sugar beets.** 089115
to paper-pot seedlings of **sugar beets.** 1. effe- 089116
Studies on root rot of **sugar beets.** I. Patho- 089118
089120
Studies on rhizomania of **sugar beet.** 3. On 089121
between parasitic stage of **sugar beet** by Po- 089122
aspects of Cercospora control. [**Sugar beets,** 089171
Investigation on perfect stage of **sugar beet** 089174
histological research on roots of **sugar beets** 089250
on pelleted monogerm **sugar beet** seed. [Fu- 089258
virus titres in roots & leaves of **sugar beet.** 089403
R.B. [International Institute for **Sugar Beet** 089498
Remarks on rhizomanio of **sugar beets** [Fum- 089506
through nitrogen management. **[Sugar beets]** 089567
Sugar beet pest & disease incidence & dama- 089901
on pelleted monogerm **sugar beet** seed. [Fu- 089946
Field trials with **sugar beet** seed treated with 089976
Round shaped silo for **sugar beets** in a sugar 091302
Universal spray attachment for **sugar beet.** 091385
between stand & root yield of **sugar beets** in 091386
of operations in growing of **sugar-beet.** 091431
plant yield. [Corn, **sugar beets,** East Germa- 091493
Use of humic acids in culture of **sugar beets** 091844
Study on growth acceleration of **sugar beets.** 091921
of soils in ponds fertilized with **beet-sugar** f- 092291
ponds enriched with wastes from **beet sugar** 092292
of mono germ F1 hybrid in **sugar beet.** II. S- 087001
respriation of leaves of **sugar beet** under co- 087840
method in transplanting culture of **sugar bee-s.** 088429
methods of harvesting. **[Beets, turnips].** 088512
in F1 hybrids of sugar **beet varieties.** 086838
method for comparison of **beet yellows** virus 089403

BEGONIAS

potted crops. 9. Rex **begonia, beautiful.** 088637
Combination of **Begonia fuchsiaefolia** (A.DC 086541
bud formation in **Begonia semperflorens.** 088014

BEHAVIOR

with notes on other **behaviour.** 090745
Behaviour in **aggregates** of irradiated imagi- 090839
Observations on **behaviour** of **Anopheles** ga- 090224
Parental calls & **approach behavior** of young 084118
of queen substance & **bee behavior** in retinue 091188
Behaviour of bees in relation to pollination 091088
Behaviour of bees in relation to pollination. 091101
cells & its effect on **chromosome behavior.** 086768
Adjustments in **consumer behaviour** with re- 082430
Behaviour in **culture** of isolated protoplasts 086809
Ecology & **behavior** of **desert** burrowing coc- 090755
Behaviour of **different** soybean (Glycine max 088381
a moist shrub savanna. **Ecological behaviour** 090758
Biology & **behaviour** of **Euplectrus** species n- 090778
Exploratory behaviour & leadership in dom- 084112
Studies on **behaviour** of **fat** constituents dur- 083652
Studies on **behaviour** of **fat** constituents dur- 083653
Feeding behaviour of predatory mite Acarop- 090198
Some observations on **feeding behaviour** of t- 090284
of cotton leaves in **feeding behaviour** of Spo- 090712

Feeding behaviour of predatory mite Acarop- 090725
Flight behavior of Manduca moths as a fact- 089905
Foraging behaviour of honeybees (Apis melli- 091169
Control of **grazing behavior** & hematological 084532
Behavior of **holocellulose** from Terminalia s- 086116
with observations on **behaviour** of **honeybees** 088081
Daily observation on **behaviors** of **Japanese** 090139
Pheromone production & **mating behaviour** 090704
of flight activity & **mating behavior** of drones 091092
in Apis cerana. 1. **Mating behaviour.** 091164
Meiotic behavior in mushroom Collybia ma- 086765
Meiotic behavior of Drosophila oocyte. 090622
Nesting behaviour of Osmia latreillei Spin. 090803
Production & **behavior** of **nullisomic** S in Ni- 087167
Predatory behaviour in ant-like wasp Meth- 090447
Heterogeneous **price behavior** among seasons 082327
Probing behavior of Eulachnus agilis & inju- 090128
Behaviour of **radioactive** & stable isotopes of 087568
mitochondria: Oxidation-**reduction behavior** 087251
Studies on **reproductive behaviour** of Surti 084828
Ethylene production & **respiratory behavior** 087122
Comparison of **behavioral response** of queen- 091071
plant growth regulators on **rooting behaviour** 087573
Germination, **seedling behaviour** & phytoma- 088268
on accessory sex glands & **sexual behaviour** 084271
Sexual behaviour of White Leghorn cocks b- 084896
Observations on **sexual behavior** of free-flyi- 090477
between soil structure & **shrinkage behavior** 091683
Behaviour of **silver** fir seedlings from differ- 088271
culture conditions on **social behavior** of Dro- 090469
Social behavior in confined populations of h- 090565
Moisture **sorption behaviour** & packaging of 083783
Special behavior of Formica rufa 1. (Hyme- 090426
Behaviour of **steers** & bulls in feedlot. 084149
Model experiments for **behavior** of **subsoil** 091445
Swelling behaviour of lamellar phases of sat- 083152
Frequency-dependent **system behaviour** in P- 087985
On **behaviour** of **thermo**-microclimate of typ- 086676
on **thermoregulatory behaviour** in pig. 084268
Varietal behavior of peach tree to bacterial 089295
Viscosity behaviour of low-yield grafted cell- 086117
Behaviour of **yellow** spot mosaic virus, a str- 089401

BELLFLOWER
A **bellflower** & **snails.** [Campanula ephesia] 086277

BELTS
forage grasses in Missouri's **Lead Belt.** 082698
Belt tightening underway among asian rice 082374

BEMISIA
pulse crops in India. [**Legumes, Bemisia** tab- 089388
On biology of **Bemisia tabaci** (Genn.). Hem- 091034

BENLATE
Treating Dutch elm disease with **benlate.** [088977
"benlate", a new systemic fungicide. [Cherri- 089067

BENOMYL
elms with soil-injected **benomyl, captan,** & 089194
Applicability of **benomyl** & **cerobin.** [Fungus 089162
study on effect of **benomyl** on **fungal** flora in 091682
Persistence of **fungicide benomyl** in different 089277
Toxicity of thiabendazole, **benomyl, methyl** 090376
Resistance to **benomyl** & **related** fungicides 089005

BENTGRASS
Colonial bentgrass in California. [Agrostis t- 087703
Bentgrass or **couchgrass?** [Agrostis, Agropy- 089597

BENTONITE
Mg[magnesium]-waters on a **bentonite clay** 091634
soil fertilization with **bentonite** on **growth** of 091716
soil fertilization with **bentonite** on **growth** of 091717

BENZENE
BHC [**Benzene hexachloride**] in milk. [Feed 082890
estimation of **benzene hexachloride** by micro 089823
BHC [**Benzene hexachloride**] in milk. [Feed 090389
Absorption of BHC [**Benzene hexachloride**] 090391
of BHC [**Benzene hexachloride**] by heating 090392
efficiency of BHC [**Benzene hexachloride**]. 090393
BHC [**Benzene hexachloride,** rice] in soil of 090394
of BHC [**Benzene hexachloride**] on Petridish 090395
of BHC [**Benzene hexachloride**] isomers in 090396
method on adsorption of **benzene vapor** by 083303

BENZIMIDAZOLES
applications of **benzimidazoles** for **control** of 089064
effects of **benzimidazole** on **cytochrome**-oxid- 087367
Benzimidazole-derivatives. [Anthelmintics] 085523
Effect of **benzimidazole** & **nickel** ions in con- 087827

BENZOATE
action of methyl bromide & **sodium benzoate.** 089042

BENZODIOXOLES
synergism by **substituted** 1,3-**benzodioxoles** 090191

BENZOPYRENE
Cleavage of 3,4-**benzopyrene**-1,2-**carbon** 14 088208
in foods. 2 3, 4-**benzopyrene** in **Japanese** dai- 083570

BENZOYL
E & N-**benzoyl**-O-**acetylbuxodienin**-E : Two 087625
Miticidal activity of **benzoyl chloride** pheny- 089807

BENZYLADENINE
in cucumber cotyledons by **benzyladenine.** 087997

BERBERIS
alkaloids of **Berberis lycium.** 087532

BERLESE
of predatory mite Acaropsis docta (**Berlese**). 090198

BERMUDAGRASS
their persistence in **coastal bermudagrass.** [090350

BERRIES
in Italy & nearby countries. [**Berries**]. 088857
Recommended **bush berry** varieties & their 088658
Weed control in **berry** & **bush** fruits (western 089734
Kemikalieudvalg in **berry cultivation.** [Fungi- 089059
herbicides in fruit tree & **berry cultivation.** 089640
Studies on **berry dropping** of diploid & tetr- 087170
Stomata & starch in **grape berries.** 088224
More **berries** & **sour** cherries for adequate s- 088656
for a genetic difference in **berry weight** bet- 087171

BETANIN
Accumulation of **betanin** in **disks** of Beta vu- 088133

BETULA
maple seedlings. [**Betula alleghaniensis,** Acer 086026
birch seedlings. [**Betula alleghaniensis,** fungi 089228

BETULACEAE
A bibliography on Corylus (**Betulaceae**) with 086492
Cytology of West **Himalayan Betulaceae** & 086719

BEVERAGES
Wooden **beverage cases** cause little damage 086262
Asbestos fibers in **beverages, drinking** water, 082697
on microbiology of **refreshing beverages.** 082702
of wine & other **beverages** in **Switzerland.** 082504

BEZOAR
Bezoars in **gastrointestinal** system of calves 085724

BHINDI
SEE OKRA

BIBLIOGRAPHIES
Herbs & spieces: a **bibliography.** III. 083733
notes on Eriocaulaceae. XL. [**Bibliography**] 086510
peanut related research. III. [**Bibliography**] 088398
biphenyls] in water: a **bibliography.** 092435
Bibliography on **arid** & semi-arid zones of A- 082043
A **bibliography** on **Corylus** (Betulaceae) with 086492
A **current bibliography** of Finnish forestry li- 085868
A **bibliography** of **organic** solvent-based wood 086111
Subject bibliography of starch dissertations. 083217

BICARBONATE
of feeding urea & **ammonium bicarbonate** to 084556
Detection of **sodium bicarbonate** in milk. 082764

BICOLOR
SEE COLOR

BIENNIALS
Biennials to **sow** in summer. [Plants]. 088733

BIFLAVONES
Biflavones in **leaves** of two Juniperus plants 088287
Biflavones in **leaves** of Podocarpus taxifolia 088289
Biflavones from **Putranijiva** roxburghii. 087501

BIGNONIACEAE
Bignoniaceae of **tropical** North America. 086443

BILATERAL
following **bilateral ovariectomy.** [Sheep]. 084349

BILE
secretion of fatty acids & **bile acids** in intest- 084261
Surgery for **bile duct** rupture & obstruction 085057

BILLBUGS
of root feeding insect pests: grubs & **billbugs** 089776

BILOBA
SEE PLACENTA

BINDING
of concanavalin A, **carbohydrate-binding** pro- 088066
A low molecular weight **colchicine binding** p- 087238
of milk protein by means of **dye binding.** 083363
On use of **binders** in **meat** emulsions. 083401
cyclic **monophosphate-binding** protein from 087257
level on Se [selenium] **binding** to **rat** plasma 082992

BINS
Temperature study in grain **storage bins.** 091378

BIOACTIVATION
Bioactivity of **insecticides.** 089762

BIOASSAY
in relation to **bioassay** of **Cymbidium** mosaic 089224
study of chicken **embryo bioassay** for aflato- 082693
Rapid sensitive **herbicide bioassay** by inhibit- 089603
Leaf bioassay for Helminthosporium carbon- 089193

BIOCENOSIS
Evolution of **plankton biocenosis** of Lake A- 086626

BIOCHEMISTRY
on Cystoseira barbata J. Ag. [**Biochemistry**] 087301
occurrence of capsular **antigens, biochemical** 085482
A vector **biochemical approach** to consecuti- 091535
Biochemical aspects of cheese ripening. 083289
Biochemical basis of resistance of sugarcane 089157
Biochemical changes in poultry meat after s- 083510
On some **biochemical changes** in fresh-harve- 088035
A study on **biochemical changes** during ripe- 088196
antigens, **biochemical characteristics** & susc- 085482
Isolation & **biochemical characteristics** of 091672
Clinico-biochemical studies in indigestions in 085680
Biochemical criteria in appreciating hygienic 082771
Biochemical features of pathogenesis & im- 085463
Some **biochemical features** of basic forms wi- 087911
Selected haematoligic & **biochemical findings** 084458
Biochemical indicators of environmental pol- 092373
Biochemistry of **leukoses** of livestock. 085462
Essay on **biochemical** & **physiological** action 088187
Biochemical plant ecology. 086692
their physiological & **biochemical properties** 092290
from reports on **biochemistry** of **rumen** & mi- 084291
Clinico-**biochemical studies** in indigestions in 085680
Biochemical studies on leaves with their age- 088194
Biochemistry of **synthesis** of milk fat. 083283
Biochemistry of **tea** fermentation: oxidative 083126
Biochemical test for differentiation between 083493
upon evolution of **various biochemical** & phy- 083528
A **vector biochemical** approach to consecuti- 091535

BIOCIDES
SEE INSECTICIDES

BIOCLIMATIC
SEE CLIMATE

BIOELECTRIC
for paticipation of **bioelectric potentials** in t- 087376

BIOGENESIS
Formation of **biogenic amines** during fermen- 083762
Biogenesis of **banana** volatiles. 083772
Biogenesis of **ethylene** in Penicillium digita- 087234
in **preliminary biogenetic** stage of steriod sa- 087509
Chemistry & **biogenesis** of **quassinoids** (sima- 087578
Biogenesis of **sesquiterpene** lactones of Com- 087579
Structure, biogenesis & chemistry of hormo- 090634

BIOGEOGRAPHY
ecological & **biogeographical notes.** 086554

BIOLOGY
necessary for wholesome progress of **biology** 086309
nesting solitary bees for students of **biology.** 090899
Proofs of **biologically active** antibiotic resid- 082757
an aid in designing new **biologically active** c- 089587
Biology of **apple** & pear storage. 083718
Biology of **Asterolecanium** pustulans Cocker- 090092
Biology of **Autographa** chalcites L. in Alexa- 089839
Biology of **Autographa** gamma L. in Alexan- 089840
Biology of **Autographa** chalcites L. in Alexa- 090809
Biology of **Autographa** gamma L. in Alexan- 090811
Bee biology in scanning microscope. I. sense 090578
Bee biology in scanning microscope. II. bee 091139
Bee biology in scanning microscope. III. w- 091142
Biology & **behaviour** of Euplectrus species n- 090778
On **biology** of **Bemisia** tabaci (Genn.). Hem- 091034
on collection, rearing, & **biology** of **blackfly** 090829
Biology of **brown** dog tick Rhipicephalus s. 090280
Research about **biology** & **chemical** control 089615
Ecology & **biology** of **Chrotogonus** lugubris 090786
Ecology & **biology** of **Chrotogonus** lugubris 090801
Biology & **configurations** of Siberian spruce 088243
Biology of **Contheyla** rotunda Hampson, a 089988
Studies on **biology** & **control** of fungus Pho- 088995
Biology & **control** of a nut curculio, Conotr- 090061
Biology & **control** of small chestnut weevil, 090062
Biology & **control** of garden symphylan. [Sc- 090067
Biology & **control** of western cherry fruit fly 090069
of tissues & cells & **developmental biology** of 087400
Biology of **Dicrocoelium** lanceolatum (Rudo- 090287
to study of **biology** of **Dipterocarpacia:** Phe- 087291
A systematic revision & **evolutionary biology** 090975
Biology, geographical distribution, & status 090779
Recent data about **biology** of **grape** rust mite 090044
Biology of **Hemiberlisia** lataniae (Sig.) in A- 090093

effect of these varieties on **biology** of **insect.** 089954
Biology of **lachryphagous** Lepidoptera in Th- 090774
Effect of **biologically nisinised** silage on milk 084690
Something new in **biology** of **Peganum** har- 087212
Biology of **pine** moth, Dendrolimus spectabi- 090140
New **biology** of **pollen.** 087458
Biology of **red** spider mite, Oligonychus ma- 090091
In vitro studies on **reproductive biology** of 087308
approaches useful in **rhizosphere biology?** 091537
of western Siberia. [Pinus, **soil biology**]. 091490

BIOMASS
Biomass & **body**-surface area of populations 091689

BIOMECHANICS
Comparative biomechanical evaluation of bo- 085637
Clinical & **biomechanical evaluation** of bone 085008

BIOMETEOROLOGY
Telemetry in **animal biometeorology.** [Hors- 084200

BIOMETRICS
Biometrical decision aids in plant production 088538
Alson on **biometrical relations** for automatic 085963

BIONOMICS
Bionomics & **control** of root feeding insect 089776
Bionomics & **control** of lawn chinch bugs. [090005
Bionomics & **control** of sod webworms. 090006
On **bionomics** of **sycamore** fig psyllid Pauro- 090159

BIOPHYTUM
Indian tea fields. 10. [**Biophytum sensitivum** 089706

BIOPSY
value. 1. General principles of **biopsy.** [Dogs 085014
s& samples obtained by **biopsy** of **cows** in an 084290
Open **renal biopsy** in bovines: an experimen- 085080
Vertical fiber hide defect: **biopsy study** of tw- 083393
sections with vaginal **biopsy technique** for e- 084845
Biopsy techniques & their diagnostic value. 085016
*** 085018

BIOSPHERE
decrease of toxicity danger in **biosphere.** 088307

BIOSYNTHESIS
of genus Acer: distribution & **biosynthesis.** 088291
Mechanisms of indole **alkaloid biosynthesis.** 087576
aspects of regulation of **arginine biosynthesis** 087852
Biosynthesis of **carotenoids** by Phycomyces 087511
chloride] on **biosynthesis** of **carotenoids** by 087512
Biosynthesis of 3,4-**dihydroxyphenylalanine** 087831
Biosynthesis of **ent**-kaurene in cell-free extr- 088145
Elucidation of **biosynthesis** of **essential** oils 087123
plant with regard to **biosynthesis** of **fatty** ac- 088234
in **furanocoumarin biosynthesis.** [Umbellifer- 087478
Furanocoumarin biosynthesis in Ruta graveo- 087513
Biosynthesis of **hispidin** in cultures of Poly- 087441
Mecl.anism of **biosynthesis** of **milk** proteins. 083284
Biosynthesis of **morindone** & alizarin in int- 087514
Biosynthesis of **peyote** alkaloids. [Lophopho- 087439
Recent developments in **biosynthesis** of **plant** 087580
Genetic & **biosynthetic relationships** of mon- 087132
Biosynthesis of **riboflavin** glycosides by plant 087816
Studies on **biosynthesis** of **starch** granules. 5 087890
Biosynthesis of 2-**trans**,6-transand 2-cis,6-tr- 087344

BIOTA
acid] application on **biota** & **water** quality in 089648

BIOTIC
Interactions between **biotic** & **abiotic** factors 085842

BIOTIN
Action of **overdosed biotin** on reproduction 090681

BIOTRANSFORMATION
SEE TRANSFORMATION

BIOTYPES
Results of study of occurrence of **biotypes** (089260

BIPHENYLS
Cbeta-Cbeta [carbon] linkage & a **biphenyl.** 086178
Structure of funiferine, a **biphenyl alkaloid** f- 087442
DDT & polychlorinated **biphenyl compounds** 090314
of aporphine & **biphenyl constituents** in Lit- 087503
fat & polychlorinated **biphenyl-DDT** combi- 082680
Polychlorinated **biphenyls, fertilizers,** pollut- 092359
Polychlorinated biphenyls & polychlorinated 082699
in chicken fat & **polychlorinated biphenyl-** 083021
pesticides & **polychlorinated biphenyls** (PCB 090407
PCB [**polychlorinated biphenyls**] in water: 092435
VII. Isolation of d,l-**syringaresinol, biphenyl** 086177

BIPOLARIS
Bipolaris setariae on two new hosts in India 089092

BIRCHES
of stem lesions on yellow **birch seedlings.** [089228
relationship between **yellow birch** & sugar 086026

BIRDS
Sexual activity in **birds.** [Poultry, physiology 084820
A new anaesthetic-sedative agent for **birds.** 085068
examination & medication of **caged birds.** 085009
Insectivorous **birds control** Plusia larvae inf- 089894
of Ascaridia galli, **Heterakis gallinae** & Capi- 085219
Ascaridia galli & **Heterakis gallinae.** 085362
in a black spruce bog in **Bird's Hill** Provinc- 086637
effectiveness of action of **birds** on **insect** fau- 089792
Responses of **birds** in **laying** pauses to Veto- 084194
architecture & for **bird protection.** 088644
glycol (PEG) induced stress. [**Bird rape**]. 087685

BIRDSFOOT
two diverse sources of **birdsfoot trefoil,** Lotus 086905
intersource crosses of **birdsfoot trefoil,** Lotus 086906

BIRTH
ovariectomized & intact ewes at **parturition** 084136
of calcium borogluconicum before **calving.** 084340
of parturition & on course of **puerperium.** 084383
Stanko Arko--80th anniversary of his **birth.** 085164
Keep an eye on coffee leaf-miner in **Natal.** 089791
Relative mortality rates, **calf birth** weights, 084779
of immunoglobulin IgG1 in **newborn calves.** 084130
on difficulty of **parturition** & on **course** of p- 084383
Non-specific **postpartum endometritis.** [catt- 085384
in diets for mechanically-**fed neonatal** piglets 084578
antibodies in colostrum to **newborn foals,** & 085230
tumor into cheek pouch of **newborn hamster** 085650
differences in distribution of **birth orders.** 082007
Course of **postpartum period** in dairy cows f- 084735
diets for mechanically-fed **neonatal piglets** 084578
Natural routes for **post-natal** transmission of 085419
to mating after **parturition** on **reproduction** 084866
Insulin secretion in fetal & **neonatal sheep.** 084099
Non-**specific postpartum** endometritis. [catt- 085384
responses induced in **neonatal swine** by nor- 084321
Induction of **parturition** in **swine** & rabbits 084841
"Hasten slowly" when it is **calving time.** 084821
Natural routes for post-**natal transmission** of 085419
Birth weight of Karakul lamb-reasons for its 084875
Birth weight of Black-and-White (Friesian) 084957
Relative mortality rates, calf **birth weights,** 084779
on matabolism of **newborn** & **young** piglets. 084286
Active immunization of **newborn** & **young** fo- 085231

BITCHES
SEE DOGS

BITING
Cattle biting louse: evaluation of compounds 090250
Histopathology of skin **following bites** by 090550

BITTER
separation & detection of **bitter compounds.** 083118
of 2,3,5-triiodobenzoic acid on **bitter pit** & c- 087939
On structure of **bitter principle** of Ilex oldh- 083825
Bitter principles of Picrasma ailanthoides P- 087614
of Helenium amarum **(bitter sneezeweed)** to 085794
Bitter taste of beer. 083044
Bitter tasting compounds of beer; chemistry 083119

BITUMENS
of benzo (A) pyrene in **bitumen** & **crops** gr- 091590
Liquid mulching with **bitumen emulsion**--a 091884
On effect of **bitumen emulsions** on soil tem- 088326
with an emulsion of **bitumen** & **solution** of a- 091598

BIURET
Is **Biuret method** suitable for quick determi- 083429
rumen microorganisms to **biuret** as an NPN 084597

BIVOLTINE
Scope of **bivoltine cocoon** crops in Mysore. 091151
reproduction in **bivoltine pondskaters** (Hem- 090544

BLABERUS
cuticle among embryo of **cockroach, Blabera** 090709
bactericidal capacity of **Blaberus cranifer** h- 090197

BLACK
to study of Elateridae of **black Africa** (Cole- 091037
of Mesoamerican & South **American black** fl- 090892
Birth weight of **Black-and**-White (Friesian) 084957
fluke fever: studies with **black bear** (Ursus 085205
Experiments on **controlling black** leg attach- 089116
Schw.) Berk. Et Curt. on **black currant.** II. 089159
Industry-like production of **black currants.** 088657
Fungus diseases of **black currants** & possibil- 089061
Mechanical harvesting of **black currants.** [E- 091436
a merimithid parasite of **black flies.** [Simuli- 090503
Mesoamerican & South American **black flies** 090892
Friesians in breeding **German Black** Pied [c- 084941
in sera of cows & heifers of **Black** & **Hwite** 084288
Ascospore release & dispersal in **black leaf** 089012
Experiments on controlling **black leg** attach- 089116
carotenoids to chlorophyll a in **black lipid** 087473
Black pepper & its potential as a spice in 088950
Pied of Red Danish, & of **Black Pied** Lowla- 083495
Dimensions & forms of body of **Black Pied** 084901
Friesians in breeding German **Black Pied** [c- 084941
On extension of **black pine** cultivation in sil- 086060
Preventing blackening of broad bean (Vicia 089448
Propagating black walnut clones from rooted 088847
studies in pigeonpea. II. N. **Black** x **Purple** 087151
haemorrhagic septicaemia & **black quarter.** 085297
Epidemiological studies on **rice black**-streak- 089351
Black root rot of strawberries; trials for its 089104
Cylindrocladium [crotalariae] **black rot** of p- 089204
originating from arable layer of **black soil.** 091725
Variation among inbreds for **black spot** mat- 087094
of terrestrial bryophytes in a **black spruce** 086637
studies on rice **black-streaked** dwarf virus in 089351
On formation of **black tea** aroma. 083123
of colored components in **black tea** infusion 083160
three components of theaflavins in **black tea** 083162
Black thread disease, control measures & yi- 089286
Corrective pruning young **black walnut** trees 088845
Propagating **black walnut** clones from rooted 088847
Report on **black walnut** variety evaluation. 088849
Corrective pruning **young black** walnut trees 088845

BLACKBERRIES
Ecology & control of **blackberry** (Rubus frut- 089752
Progress in **breeding blackberries.** 086867
identified in **commercial blackberry** essence 083777
Frequency mapping of **blackberry species** (086396
Thornless blackberries for home garden. 088927

BLACKFLIES
nematodes for biocontrol of **blackflies** (Dipt- 089785
on collection, rearing, & biology of **blackfly** 090829
trials in West Africa for **blackfly control.** [S- 090275
in larvae of **blackfly Prosimulium** mysticum 090502

BLACKLEG
work on prevention of **blackleg** within **area** 085554

BLADDERS
Surgery & diseases of **bladder** & **urethra.** [V- 085028
Ruptured **urinary bladder** in post-parturient 085674

BLADEX
of Dowpon, Varitox & **Bladex** P on **weed** p- 089631

BLANCHING
SEE BLEACHING

BLAST
Lipase production by rice **blast pathogen.** [089037
Ryegrass blast: a serious new disease in Lou- 089129

BLASTOPHAGA
control of pine bark **beetle, Blastophagus** pi- 090157

BLATTA
Final report. [Blatella **germanica, Blatta** ori- 090212

BLATTIDAE
Cockroach control. [**Blattidae**]. 090181

BLEACHING
structure of pulp during **bleaching.** II. Influ- 086210
Bleached abaca-soda pulps. [Musa textilis]. 086213
degradation of cellulose in **oxygen-bleaching** 086206
evaluation of individual **quick blanching** (I- 083790
Determination of a **blanching treatment** for 083796
Studies on **bleaching** & **utilization** of seawe- 083197
IV. Pulp yield versus **bleaching variability** f- 083097

BLENDING
American **grains blended** with ours. 083639
Iron-fortified **syrup blends:** preparation, cha- 083613

BLIGHTS
disorder: fusarium [roseum] **blight.** 088976
controlling resistance to **bacterial blight** of 086902
seed quality in India. [**Bacterial blight**]. 089239
controlling resistance to **bacterial blight** of 089296
Bacterial blight of cotton. [Xanthomonas m- 089308
Bacterial blight of soybeans as influenced by 089314
Bacterial blight of Gerbera jamesonii incited 089319
seed quality in India. [**Bacterial blight**]. 089320
to Xanthomonas oryzae. [**Bacterial blight**]. 089321
on yield, size, chemical **composition, blight** 089395
Bacterial leaf spot & halo **blight diseases** of 089301
Fire blight susceptibility of fruiting trees of 089300
Fusarium blight, a destructive disease of Ke- 089023
Rhizoctonia [solani] **blight** of **grain** sorghum 089241
Halo blight of oats in Kenya. [Pseudomonas 089298
Bacterial leaf spot & **halo blight** diseases of 089301
maydis in Queensland. [Maize **leaf blight**]. 088998
Leaf blight of rose in Punjab. [Alternaria al- 089073
of some wheat varieties to **leaf blight** under 089147
Helminthosporium maydis **leaf blight** in Sie- 089231
Histopathology of **Marasmius blight** of amer- 089192
Blight of **peaches** in H.P. [Himachal Prade- 089071
chemical composition, **blight resistance** & c- 089395
Seeding blight of cashew (Anacardium occid- 089038
Validacin), new antibiotic for **sheath blight** 089113
Fire **blight susceptibility** of fruiting trees of 089300

BLIND
on pathology of **blindness** on **experimental** s- 085566

BLISSINAE
Chinch bugs or **Blissinae** of South **Africa** (090957

BLISSUS
of lawn chinch bugs. [**Blissus insularis,** [Ste- 090005

BLISTER
Histology of **blister rust** cankers parasitized 086803

BLOOD
A content of normal ruminant's **blood.** 084020
Physiological studies on **blood** of **anaemic** c- 085781
acute anaphylactic shock on **arterial blood** 085772
Collection of **avian blood** samples in microt- 084080
of haematocrit values of **bovine blood.** 084110
Making smears of **capillary blood** from bovi- 085169
Contribution to study of red **blood cells** pict- 084343
Phenol oxidase in **blood cells** of millipedes. 090689
concentrations in diet on **blood cholesterol** l- 082947
on lobular formation & **blood circulation** in l- 084050
of Chlamydiae from **blood** of **convalescent** s- 085204
Study on liver & **blood copper** content of ca- 084157
Differences in **blood count** in cows of differ- 084970
to Babesia bigemina in **dried blood** samples 085223
tetrachlorethylene on several **blood enzyme** 084070
chemical findings of **blood** in **Felidae.** [Cats] 084081
milking interval on mammary **blood flow.** 084230
Mammary **blood flow** & glucose uptake in l- 084240
Changes of **blood glucose** level during copul- 084034
motility, blood glucose & **blood glucose** & b- 084187
raised on calf starters. 2. **Blood glucose** level 084191
on gravid swine & **blood glucose** & fructose 084848
for dairy herds based on **blood glucose,** urea 084353
Basal levels of prolactin in **goat blood** meas- 084228
Control of civil state by **blood groups,** 1971 084811
glucose & blood glucose & **blood lactic** acid 084187
serum from a small quantity of **liver blood.** 085177
Selected principal values in **blood & livers.** 084455
milking interval on **mammary blood** flow. 084230
Mammary blood flow & glucose uptake in l- 084240
in identification of tsetse **blood meals.** [Glos- 085225
levels of prolactin in goat **blood measured** t- 084228
nitrogen fractions & **blood metabolites.** 084556
of certain proteins from **blood** into **milk** & c- 084171
Effect of insulin on rumen **motility, blood** gl- 084187
Method **obtaining blood** serum from a small 085177
most important infectious & **blood-parasite** 085463
Effect of glucocorticoids on **blood picture** & 084354
Pattern of **blood plasma** & urine magnesium 084192
in concentration of copper in **blood plasma** 084768
adaptive significance of **blood potassium** typ- 084861
shock on arterial **blood pressure** of anesthet- 085772
Contribution to study of **red blood** cells pict- 084343
Collection of avian **blood samples** in microt- 084080
to Babesia bigemina in dried **blood samples** 085223
in chemical constituents of **blood & semen** in 084042
reference to urea values in **blood sera** of swi- 084356
propranolol on **blood serotonin** & pH [hydr- 084216
between egg proteins & **blood serum** & tissue 084253
osmotic pressure (COP) of **blood serum** pro- 084336
Levels of oxytetracycline in **blood serum** of 084348
On transferrin concentration in **blood serum** 084373
Method obtaining **blood serum** from a small 085177
tetrachlorethylene on **several blood** enzyme 084070
of numberical strength of **blood-sucking** ticks 090885
antisera in identification of **tsetse blood** mea- 085225
oxygen content of ovarian **venous blood** of s- 084252
glucose & hydrogen ions in **venous blood** of 084367
A mechanical means of **blood vessel** ligation 085123
Investigations on **blood volume** in chicks us- 084342

BLOODWOOD
Inland **bloodwood, Eucalyptus** terminalis F. 086371

BLOOM
Cherry bloom dates for Emmett, Idaho. 088688
Bulbs will **bloom indoors.** 088744
Second blooming & fruiting of chestnut plant 088099
Trees & shrubs for **summer bloom.** 088751

BLOSSOM
SEE FLOWERS

BLOTCH
A new **glume blotch** of rice (Oryza sativa). 089215
secalis on barley grain. [**Leaf blotch**]. 089002
Seasonal development of sheath **net-blotch** of 089254
studies on lesion of sheath **net-blotch** of rice 089255

BLOW
development in parasites of **blow flies.** III. 089794
development in parasites of **blow flies.** IV. 089795
development in parasites of **blow flies.** I. Ec- 089797
development in parasites of **blow flies.** II. E- 089798
development in parasites of **blow flies.** III. 090608
development in parasites of **blow flies.** IV. 090609
development in parasites of **blow flies.** I. Ec- 090617
development in parasites of **blow flies.** II. E- 090618
Comparative testing of tree **blower sprayers** 091467

BLOWFLIES
membranes of **blowfly Calliphora** erythroce- 090521
normal development of **blowfly, Lucilia** seri- 090675
chemosensory seta of **blowfly, Phormia** regi- 090698

BLUE
acid on basis of Prussian **blue colour** reacti- 082923
insemination with frozen semen in **blue fox.** 084891
of Mullerian ducts in Shadow **blue fox.** [Arc- 085711
Action of mutagenic chemicals on **blue-green** 087262
stability of ribosomal RNA in **blue-green** al- 087368
granule polypeptide contained in **blue-green** 087412
A Flexibacter [flexilis] that lyses **blue-green** 087452
Blue-green algal virus N-1: physical propert- 089421
of a virus infecting a **blue-green** alga of genus 089424
Inhibition of cell division by **blue light.** [Lil- 088026
growth responses of **blue panicgrass** (Panic- 086717
reactions in Aspidistra in **blue** & **red** light. 087378
Vidler 1961, from **blue wildebeest** (Connoch- 090297

BLUEBERRIES
Mechanized harvesting for **blueberries?** 082670
Blueberry harvesting & packing costs--mach- 082274
Decays of New **Jersey blueberries** in market- 089226
density for evaluation of **blueberry & peach** 086938

BLUECOMB
with transmissible enteritis **(bluecomb)** of t- 085280

BLUEGRASSES
Bluegrass (Poa pratensis) disorder: fusarium 088976
Sampling **Kentucky bluegrass** seed with an 083532
a destructive disease of **Kentucky bluegrass,** 089023
leaf spot & sugar content of **bluegrass leaves** 089240

BLUEPRINT
Blueprint cropping [Horticulture]. 088921

BLUETONGUE
exudate cells from mice. **[Bluetongue virus]** 085392

BOARDS
for nation's board producers. [**Particleboard** 086135
futures contracts on **Chicago Board** of Trade 082476
techniques in paper & **board industry.** 086211
moisture control in **particleboard production** 086136
properties of **boards** from **spruce,** pine & be- 086155

BOARS
SEE SWINE

BOGS
Studies of **Byron Bog** in southwestern Onta- 090143
Studies of **Byron Bog** in southwestern Onta- 090542
Bog-grassland & its plant sociological & eco- 086693
possibility of improvment of **bog & karst** ar- 091775
of stagnantly moist **ombrogenous bogs** which 092072
On deposits & development of a **small bog** in 086615
terrestrial bryophytes in a black **spruce bog** 086637

BOILING
Boiling point elevation & supersaturation of 083562
Boiling temperature control: preserves & j- 083076

BOLES
A simple **bole model.** [Forest mensuration] 085913
Two **mysterious boles:** Boletus (Xerocomus) 086382

BOLETUS
tumidus (Fr.) SS. Pelterau & **Boletus** (Xero- 086382
Otto Friderich Muller & **Boletus edulis, &** 086445

BOLLS
Chemosterilants **against boll** weevil. 4. Misc- 089921
insecticides against tobacco **budworm, boll** 089962
of genotype & temperature on **cotton boll** p- 086920
defoliation on development of **cotton bolls.** 087727
Histological studies of developing **cotton boll** 089034
Field studies on control of **cotton boll** worms 089869
Status of **pink boll** worm in Gezira, Sudan, 089948
Heritability of **boll size** in hybrids & parent- 087172
of improved methods of **sterilizing boll** weev- 089908
Boll weevils fail to develop resistance to ma- 089919
Boll weevils: a technique for measuring pro- 089924
Field tests with insecticides for **boll worms** 089868

BOLLWORMS
budworm & **bollworm** at **Brownsville,** Texas, 089960
littoralis (Boisd.) & **cotton bollworms,** Pect- 089876
of cotton plant by spiny **bollworm, Earias** i- 089953
of maize ears by spiny **bollworm, Earias** ins- 089957
of sprays on rate of **bollworm infestation,** co- 089889
larvae of pink **bollworm, Pectinophora** goss- 089887
Pink bollworm: chromosomal damage & rep- 089914
termination of diapause in **pink bollworm.** L- 090804
tobacco budworm & **bollworm populations** in 089961

BOLTING
Studies on **bolting** & **flowering** of sugar beet 087783

BOMBIDAE
Larvae of **Bombini.** I. Interspecific variation 090734
Larvae of **Bombini.** II. Developmental chan- 090735

BOMBUS
in larval head characteristics of **Bombus** (H- 090734
Multiple-colony bumblebee post. [**Bombus**] 090765
cycle in flight muscle of **Bombus affinis.** 090475
in a neotropical bumblebee. [**Bombus stratus**] 091125
in preadult stages of **Bombus griseocollis** (090735
temperature & flight. [**Bombus vosnesenskii**] 090669

BOMBYLIIDAE
Studies in **African Bombyliidae.** VII. On Di- 090953

BOMBYX
Susceptibility of **Bombyx** [mori]-larva to s- 091178
of Galleria mellonella & **Bombyx mori.** 090520
from cuticle of silkworm **Bombyx mori.** I. A- 091097
from cuticle of silkworm **Bombyx mori.** II. 091098
of Galleria mellonella & **Bombyx mori.** 091121
mechanisms in silkworm, **Bombyx mori.** 091152
virus with nuclear inclusions. [**Bombyx mori** 091174
its metabolism in silkworm, **Bombyx mori** I 091175
Rearing of silkworm, **Bombyx mori,** on semi 091177
Genes for silk fibroin in **bombyx mori:** studi- 091201
Naegeli infecting silk worm, **Bombyx mori** 091226

BONDING
Phellinus tremulae **(Bond.)** Bond. et Borisov 089019
Bonding interactions between beta-casein & 083359
Strength of **bonds** between **wheat** grain hulls 083587

BONES
Examination of **bone content** in mechanically 083516
Use of a butcher's **boning glove** for handling 085093
of "hypophysectomy" on **bone growth** & alk- 084248
biomechanical evaluation of **bone healing.** [085008
biomechanical evaluation of **bone healing** in 085637
Research into effects on **long bone** structure 084086
thymus cells & either bursa or **bone marrow** 085318
Effect of level of meat & **bone meal** supple- 084439

BOOKKEEPING
SEE ACCOUNTING

BOOKS
A **bulb primer.** 088695
Vegetable **garden primer.** 088724

BOOPHILUS
Parasitic cycle of **Boophilus decoloratus** (K- 090554

BOOPHTHORA
stages of **Boophthora erythrocephala** De Ge- 090300

BORAGINACEAE
Pollen studies in genus Cordia **(Boraginaceae)** 086348
A familial transfer to **Boraginaceae.** 086526

BORDEAUX
fruit drop after **Bordeaux mixture** spray in 089513

BORDERS
Annuals in a **border.** [Flowers]. 088700
of bovine babesiosis in common **border areas** 085254
of hydraulic roughness in **irrigation borders** 092208
ewes & sired by Merino, **Border Leicester,** 084047
Studies on response of **stem border** to differ- 089893

BORDETELLA
Bordetella bronchiseptica associated with in- 085214

BOREAL
M. Lamb, a hitherto over looked **boreal-arct-c** 086495

BORERS
Control of cauliflower & **cabbage borer.** [He- 090076
hibernating larvae of rice stem-**borer, Chilo** 089936
Sugarcane **borer control** on sugarcane in L- 089922
parasites in control of European **corn borer,** 089859
of diapause of southwestern **corn borer,** Dia- 089927
Control of **corn borers** & aphids in peppers 090098
of diapause of southwestern **corn borer,** Dia- 090702
cane plant varieties to **borers infestation** in 089956
Borer problem in green ash in North Dakota 090145
biological control against Asiatic **rice borer** 089857
cane on infestation of stalk **borer, Sesamia** 089955
of adult female elder **shoot borers** used as lu- 090033
Reaction of selected rice lines to **stalk bore-s.** 089920
Lepidopterous **stem borers** in different rice 089934
for successive generations of rice **stem borer** 089971
in hibernating larvae of rice **stem-borer,** Chi- 090753
for successive generations of rice **stem borer** 090828
Lepidopterous **stem borers** in different rice 091006

BORING
Wood-**boring bivalves,** opportunistic species 085860
A study of shell-**boring marine** algae around 086399

BORON
of liming & of magesium, **boron, copper, &** 087873
III. Leaf analysis for **diagnosing boron** requ- 091846
accumulation of **boron** in some **Malaysian** so- 091571

BOS
of vitamin A in buffalo **(Bos bubalis).** 084360
drought resistance of **Bos Indicus** & Bos Ta- 084779
Comparative mortality rates of **Bos indicus** 084780
Babesia bigemina in calves **(Bos taurus)** aft- 085224

BOSTRYCHIDAE
for control of **Rhyzopertha dominica** in whe- 090200
oryzae (L.) & **Rhyzopertha dominica** (F.). 090203

BOSWELLIA
VII. Processing of **Boswellia serrata** Roxb. 086168

BOTANISTS
in human virtues, in Flandria. **[Botanists].** 086280
December 1904-17 October 1971. **[Botanists]** 086281
Harrison Turner 1877-1970. **[Botanists].** 086288
January 25, 1973. **[botanists].** 086292
July 5, 1886 June 30, 1972. **[Botanists].** 086293
Abd El-Halim Nasr, 1908--1972. **[Botanists]** 086302
Ernest G. Anderson, 1891--1973. **[Botanists]** 086307
in Japan. II. Contribution of **botanists.** 086312

BOTANY
Third expedition to Nicaragua. **[Botany].** 086315
Fourth expedition to Nicaragua. **[Botany].** 086316
Women in **botany.** 086317
Index to **American botanical** literature. 086321
matter production & **botanical composition** 087805
Correct botanical identity of some establish- 086460
Phytotron in **botanical gardens** of Attila Jo- 086276
of scientific workers in **botanical gardens.** 086305
Accessions to **Botanical Museum,** University 086320
of application of **botany** in **national** economy 086306
spectrophotomer SP-10. **[Botanical research** 086291
Botanical studies in northwestern Brazil. [P- 086311

BOTRYTIS
fungicides in grape vines. **[Botrytis].** 089287
fruits from gray mold. **[Botrytis cinerea].** 088987
on development of **Botrytis cinerea** in Gold 089022
screening technique. **[Botrytis cinerea,** Rhiz- 089026
study of gray mold fungus **Botrytis cinerea.** 089063
Penicillium expansum, **Botrytis cinerea,** Alt- 089064
of resistance by **Botrytis cinerea** against sys- 089156
channels. [Gloeosporium, **Botrytis cinerea,** 089226
a method of control of **Botrytis neck** rot in 089154

BOTTLING
Time for pasteurization of wine in **bottles.** 083766
cases cause little damage to **bottle caps.** [C- 086262
Aseptic production & **bottling procedures.** 083266
Supply of glass **synthetic bottles** in dairy in- 083265

BOTTOMLAND
of willow forests in Ob **bottom land** near ch- 086621

BOUNDARIES
Ultrastructure of **boundary tissue** of seminif- 084210
Boundary between **white** matter & neocortex 084026

BOVICOLA
Hormonal & toxic effects. **[Bovicola bovis].** 090250

BOVINE
study for work of hand-milking of **cows.** 083954
information from radiographs. **[Cows].** 083961
teat & teatcup liner during milking. **[Cows]** 083962
of propylenglycol in rumen of a **cow.** 084060
according to Klotz's method applied to **cow** 084062
milk secretion & its composition in **cows.** 084179
dose & time of injection of oxytocin. **[Cows]** 084226
Hormone induced lactation in **bovine.** I. Lac- 084231
on duration of oestrous cycle in **cows.** 084273
on social rank & milking order in **cows.** 084366
waste products & their uses for dair y **cow.** 084420
upon carcass lipid composition in **bovine.** 084576
dietary tallow on milk-fat secretion in **cow.** 084584
gonadotropin on pregnancy rate in **bovine.** 084835
synchronization of estrus in **bovine.** 084847
i. Treatment for parturient paresis. **[Cows].** 084856
in prevention of paturient paresis. **[Cows].** 084857
A case of sextuple pregnancy in a **cow.** 084909
ovarian cysts & milk production in **cows.** 084980
Open renal biopsy in **bovines:** an experimen- 085080
of Rompun in obstetric perations in **bovines** 085172
of brucellosis from a show herd. **[Cows].** 085510
in evaluating natural resistance in **cows.** [Di- 085588
Diseases of vagina of **cow.** 085672
Diverticulum of esophagus in a **cow.** 085725
ovarian cysts & milk production in **cows.** 085766
Obstruction of teats on **cows.** 085802
Breeding **cows according** to coincidence of d- 084015
dehydrogenase activity in **bovine acidosis** in- 084344
in hamsters with a **bovine adenovirus** strain 085243
Vaccination **against bovine** salmonellosis. 085509
Milk efficiency of **cows** of an **age** of up to 5 084382
Production in **bovine** of **antibody** specific for 085225
of afterbirth in **cows** with **application** of calc- 084340
Bovine babesiasis: persistence of immunity 085224
Studies on epizootiology of **bovine babesiosis** 085252
Studies on epizootiology of **bovine babesiosis** 085254
Shelter & bedding for **beef cows.** 083948
Importance of a single **beef cow.** 083975
milk composition to milk yield of **beef cows** 084219
Shelter & bedding for **beef cows.** 091245
of haematocrit values of **bovine blood.** 084110
Breeding cows according to coincidence of d- 084015
of minimum concentration of **cow breeding** 084743
Rose Bengal plate test for **bovine brucellosis** 085296
Buffering properties of **cow & buffalo** milks. 083381
nitrogen constituents of **cow & buffalo** milks 083385
proteose & peptone from **cow & buffalo** mile 084186
to range environments in grazing **cow-calf** h- 084532
Studies on mortality in **bovine calves** due to 085349
of growing calves & in **bovine colostrum.** 084373
in case of high **cow concentration** in depend- 084433
Bovine congenital defects: arthrogryposis & 085632
study between some buffalo & **cow cream** pr- 083234
study between some buffalo & **cow cream** pr- 083235
Estimating **cull cow** supplies. 083945
II. Care & feeding in **dairy cows.** 082173
residue & its use as feed for **dairy cow.** 083859
Periodic omission of **dairy cow** milkings. I. 083963
Periodic omission of **dairy cow** milkings. II. 083964
II. Care & feeding in **dairy cows.** 083994
residue & its use as feed for **dairy cow.** 084417
waste products & their uses for **dairy cow.** 084419
Feeding of **dairy cow** & mineral composition 084450
Rapeseed meal for lactating **dairy cows.** 084502
of protein supplement for **dairy cows.** 084504
corn silage & effects of feeding **dairy cows** t- 084586
on diurnal feeding pattern of **dairy cows.** 084607
flowing through duodenum of **dairy cows.** 2. 084656
on milk yield & composition in **dairy cows.** 084690
Course of postpartum period in **dairy cows** f- 084735
with impaired fertility in **dairy cow.** 084855
nutrition & production disease in **dairy cows** 085658
Displacement of abomasum in **dairy cows.** 085720
feed intake & milk production of **dairy cows** 090252
with ethephon growth regulator in **dairy cow.** 090348
an important step in recycling of **dairy cow** 083968
Cows didn't balance ration with luquid prote- 084534
in blood count in **cows** of **different** breeds & 084970
Oviducts of **Egyptian cow** in health & disea- 084371
Bovine embryo implants. 085088
temperatures preservation of **cow embryos.** 084352
to infect cattle with **bovine ephemeral** fever 085256
dur...g passage through **bovine epididymis.** 084870
Epizootic bovine fever. 085601
cattle: efficacy of **bovine erythropoietin**(s) in 085781
Essential bovine hematuria & environmental 085659
nitrogen, & glucose during **bovine estrous** cy- 084851
physiology of intensive milk **cow farming.** 085761
of digesta in reticulo-rumen of **cows fed** once 084103
of postpartum period in dairy **cows fed** diffe- 084735
Benzene hexachloride] in milk. **[Feed, cows]** 082890
to rationalization of **cow feeding** labor oper- 082087
butter quality in relation to **feeding cows** pe- 083389
for repeated exposure of **bovine fetal** circula- 085048
Viral infection of **bovine fetus** & its environ- 085247
Use of **bovine fetus** spleen cells for isolation 085248
activity & isoenzyme patterns in **bovine fetus.** 084098
Epizootic **bovine fever.** 085601
A serological study of **bovine foetal** immuno- 084071
of metabolic patterns in **bovine follicular** oo- 084756
erythrocytes in Holstein-**Friesian cows.** 084067
separation pattern of Israeli-**Friesian cows** as 084585
glucose uptake in lactating **cows given** dexa- 084240
redistribution in lactating **cows given** dexam- 084241
to range environments in **grazing cow**-calf h- 084532
Structural studies on **bovine growth** hormone 084168
on active fragments of **bovine growth** hormo- 084170
of spermagglutinis in sera of **cows & heifers** 084288
Essential **bovine hematuria** & environmental 085659
reflex between **cows** of one & some **herd** up- 084289
Milkability of **cows** with a **high** total milk y- 084384
forage & concentrates in case of **high cow** c- 084433
influence on herd life of **Holstein cows.** 084852
case of atrial fibrillation in a **Holstein cow.** 085661
Ontogeny of **bovine immune** response. 085378
Some aspects of **bovine immunoglobulin** G h- 084986
artificial insemination of **cows** of **individual** 084948
infection with IBR **[infectious bovine** rhinot- 085183
infection with IBR **[infectious bovine** rhinot- 085184
infection with IBR **[infectious bovine** rhinot- 085186
Role of IBR-IPV **[infectious bovine** rhinotr- 085435
transmission of virus of **infectious bovine** rh- 085565
sperm in view of types of **bovines kept** in B- 084961
isothiocyamahe] & FITC-**labelled bovine** ser- 088232
Urea utilization by **lactating cows.** 084235
flow & glucose uptake in **lactating cows** giv- 084240
Glucose redistribution in **lactating cows** giv- 084241
feed mixtures in rations of **lactating cows.** 084697
Localization of beta **bovine lactoglobulin** in 084154
of disease of udder in **cows** in **large**-scale br- 085700
lipid droplets from **bovine mammary** tissue 084238
Bovine mastitis: effects & control. [Brazil]. 085380
Occurrence of antibodies in **bovine mastitis** 085477
Preliminary report on **bovine mastitis** in Ir- 085543
Relation of physical frame of **cows** to **meat** 084381
study between buffalo & **cow milk** in soft ch- 083236
protein & lactose contents of **cow's milk &** 083247
Composition of **bovine milk** lipids. 083301
On characteristics of RNAs from **cow's milk** 083331
Composition & properties of **cow's milk** fat 083360
About protein level in feeding **milk cows.** 084471
in fatty acid composition of **cow milk.** 084770
Composition & properties of **cow's milk** fat 085466
physiology of intensive **milk cow** farming. 085761
Yield & protein composition in **cows milked** 084853
Periodic omission of dairy **cow milkings.** I. 083963
Periodic omission of dairy **cow milkings.** II. 083964
characterization of elastin in **bovine muscle** 083455
organoleptic properties of **bovine muscle.** 083463
Do crossings bring us **cow we need?** 084925
lipotropic hormone0LPH in **bovine, ovine &** 084163
alanyl chains of **bovine & ovine** growth hor- 084167
Studies on **bovine pancreatic** ribonuclease A 084053
Dispersed cell culture of **bovine pars** interm- 084143
urinary bladder in post-**parturient cow.** 085674
quality in relation to feeding **cows pellets** of 083389
transfer to milk of **cows** after **perchldrate** in- 084233
forms of body of Black **Pied cows** in first la- 084901
sugar peptide fraction of **bovine plasma.** Co- 084027
Limited pepsin digestion of **bovine plasma** a- 084056
of calf by vaccination of **pregnant cow.** 085491
activate feeder for top-**producing cows.** 084664
Fertility of **cows & relationship** to resistance 084969
"bRD" **[bovine respiratory** disease] means 084284
picture & fertility of **cows** with **retained** pla- 084354
with IBR [infectious **bovine rhinotracheitis]** 085183
with IBR [infectious **bovine rhinotracheitis]** 085184
with IBR [infectious **bovine rhinotracheitis]** 085186
IBR-IPV [infectious **bovine rhinotracheitis,** 085435
of virus of infectious **bovine rhinotracheitis/** 085565
Bovine salmonellosis in England & Wales: I- 085508
Vaccination against **bovine salmonellosis.** 085509
FITC-labelled **bovine serum** albumin into is- 088232
of Staphylococcus aureus in **bovine skin;** en- 085374
new mastitis infections. **[Streptococcus, cows]** 085389
Estimating cull **cow supplies.** 083945
on fine structure of **bovine sweat** glands. 084296
smears of capillary blood from **bovine tail.** 085169
non-fat content of milk of **Tharparkar cows** 084542
expansion & treatment of **bovine theileriasis** 085220
Bovine toxic mastitis. 085382
effects of feeding dairy **cows treated** silage. 084586
Bovine tuberculosis in wild badgers in south 085511
to United Kingdom. **[Bovine tuberculosis,** p- 085513
evaluation of excitation of **cow udder** & milk 084173
Composition of **bovine udder** secretion during 084374
isolation & identification of a **bovine viral** d- 085248
step in recycling of dairy **cow wastes.** 083968
Phosphorus supplementation for **young cows** 084702

BOXES
Reconstruction of a **box storehouse** in a pile 091273

BOYCOTTS
Boycott altered demand situation. [Beef]. 082364

BOYS
enriched TVP & beef for **adolescent boys.** 082962

BRACHIARIA
control of paragrass **(Brachiaria mutica** (Fo- 089700

BRACHYCEPHALISM
obstruction in **brachycephalic breeds.** [Surg- 085040
Schiff]-positive bodies in **brachycephalic do-s.** 085753

BRACKEN
of productivity of heather & **bracken soils** u- 091754

BRACONIDAE
Overwintering of **Chelonus blackburni** in Ar- 089810
minuta Nees **(Hymenoptera, Braconidae).** 089794
Panz. **(Hymenoptera, Braconidae).** 089795
Fischer **(Hymenoptera Braconidae)** inside e- 090420
minuta Nees **(Hymenoptera, Braconidae).** 090608
Panz. **(Hymenoptera, Braconidae).** 090609
Apanteles Forst. **(Hymenoptera, Braconidae** 090944

BRAHMAN
SEE CATTLE

BRAIN
honey bee (Apis mellifera) **brain.** 090188
of Musca domestica: vII. **brain.** 090435
honey bee (Apis mellifera) **brain.** 091153
T particles to protect **against intracerebral** 085468
Congenital **cerebellar ataxia** in Gotland Po- 085765
white matter & neocortex in **dog brain.** 084026
Micrognathia & **cerebellar hypoplasia** in an 085692
acid phosphatase in **brain & lung** during em- 084022
arthropod cells & in **mouse brain.** [Aedes al- 085585
tissue thiamine in **cerebrocortical necrosis.** 085758
strain rabies vaccine: **Intracerebral passage** 085317
amino acid toxicity & changes in **rat brain** 084264

Brain temperature as related to gross motor 084300

BRANCHES
Branched fatty acids in two Abies species. 088288
on inheritance of short-**branch habit** in Gos- 086862
from decomposing leaf & **branch litter** Hub- 088257
of spruce basing upon **branching machine** EA 086080
of pine basing upon **branching machine** EA3 086081
at Kafr el-Zayyat on **Roseita Branch** of Nile 092192

BRANDING
composition of different **commercial brands** 083196

BRASSICA
occurring above ground. [**Brassica crops**]. 090020
time with direct drilling [**Brassica, grain**]. 088342
of two new races **infecting Brassica** napus. 089015
Enhancement of raya (**Brassica juncea** Coss. 087261
on seed germination of **Brassica juncea.** 087267
oxazolidinethiones from **Brassica napus** seed 087830
contamination of rapeseed (**Brassica napus** 089449
from cotyledon tissue of **Brassica nigra.** 087977
on Brussels sprout (**Brassica oleracea** L.). 091169

BRASSICAE
thurin giensis. [Pieris **brassicae, biological** c- 090037
of cabbage maggot, **Hylemya brassicae.** 089993
mildew fungus. [**Peronospora brassicae**]. 089046
specialization in **Plasmodiophora brassicae,** 089015
from larval gallery of Hyle **yma brassicae** & 090004

BREAD
Use of sunflower proteins in making **bread.** 083588
titanium dioxide as a flour & **bread additive** 083571
soy protein product for **bread baking.** 083537
Bread baking qualities of wheat-rye amphip- 083681
bread made with acid whey. II. **Bread mixi-g** 083536
hydrolysis during **breadmaking** of **phytic** acid 083555
Appraisal of **bread quality** & propasals for n- 082760
mixing requirements of a **sourdough bread** 083535
Wheat bread & dough in United States. [Co- 082272
in winter & spring cultivars of **bread wheat** 086883

BREAKAGE
Stem **break disease** of corn a criteria in sele- 089173
Appearance of **DNA breakage** & repairs act- 086767
baking properties of **break, reduction** & stra- 083612
Breaking seed dormancy in Genista tinctoria 087242
Problem of egg **shell breakage.** [Animal nutr- 084528
property of tea-sprouts & **breaking test** of t- 091439

BREAKDOWN
types. 1. Stability & **biological breakdown.** 089277
for measuring time to **breakdown** of **heated** f- 083801
Microbiological breakdown of bark. 088301

BREAST
extractable Ca [calcium] in **chicken breast** 083498
of postmortem aging on **chicken breast** musc- 083515

BREEDING
Breeder: His responsibilities, his constraints 082168
production & management. 8. [**Breeding**]. 084765
Who is a **breeder.** [Beef cattle]. 084881
Cryptomeria japonica D. don. [**Breeding**]. 086035
of doubled haploids in barley. [**Breeding**]. 086884
boll period & their implication in **breeding.** 086920
soybeans & their importance in **breeding.** 086945
soybean (Glycine max (L) Merr.) [**Breeding** 086971
of photorespiration in tobacco. [**Breeding**]. 087121
behavior of rin tomato mutant. [**Breeding**]. 087122
of pollen storage in tobacco. [**Breeding**]. 087166
of photorespiration in tobacco. [**Breeding**]. 087848
behavior of rin tomato mutant. [**Breeding**]. 088167
Genetics & **animal breeding.** 084740
in veterinary medicine & **animal breeding** se- 085127
for improving stock **breeding animals.** 084912
evaluation of bees in **breeding apiaries** in ye- 091202
Studies on hybridization in **apple breeding.** 086758
Twenty-two years of **breeding beans.** 087115
Values of **bee breeding.** 091132
Who are our **bee breeding** consultants? 091220
University of Alberta **beef breeding** project 084817
Big breeding & pollution. 092382
Progress in **breeding blackberries.** 086867
Optimum energy level for **broiler breeders.** 084410
Improvement of **broiler breeder** in past 10 084764
on growth responses of cross-**bred calves.** 2. 084190
on growth responses of cross-**bred calves.** 1. 084541
conception rates. [**Cattle, breeding**]. 084822
history & basic problems. [**Cattle breeding**] 084858
Results & trends in **cattle breeding.** 084877
research 1968-1970. [**Cattle, breeding**]. 084975
Breeding cereals for protein. [Corn, wheat, 087165
Who are our bee **breeding consultants?** 091220
use of mutations in **corn breeding.** 086940
Accelerated propagation of **cotton breeding** 086849
with special reference to **cotton breeding** in 088482
of minimum concentration of **cow breeding** 084743
Breeding cows according to coincidence of d- 084015
utilization of nutrients in **cross-bred** calves. 084190
milk feeding on growth of **cross-bred** calves 084541
A study on performance of **cross-bred** grades 084827
legume improvement. [**Breeding, culture**]. 088519
Gossypium hirsutum). [**Breeding, Empoasca,** 086917
in superovulated Scottish half-**bred ewes.** 084801
Experimental breeding of Hungarian partri- 084804
replacement beef heifer. [**Breeding, feeding**] 083969
Perennial **forage breeding** projects. [Canada 086921
Perennial **forage breeding** projects. 086922
Reminder to Holstein-**Friesian breeder.** 084788
Breeding fruits for resistance. [Pests, diseas- 086918
of Holstein Friesians in **breeding German** B- 084941
A study on performance of cross-**bred grades** 084827
in superovulated Scottish **half-bred** ewes. 084801
Breeding half-breeds & sport horses. 084922
Romney Marsh, Corriedale) & **half-bred** (C- 084825
Effect of **heifer-breeding** system on their re- 084911
emcephalomyelitis in turkey **breeder hens.** 085200
Some observations on **horse breeding.** 084951
illumination of swine-**breeding houses** & its 091285
grasses in kenya. 7. **breeding** for **improved** s- 087111
Some aspects of **breeding** & **inbreeding** in p- 086857
Breeding for **increased** productivity. [Sheep] 084953
Factors **influencing breeding** of rabbit flea (090266
condition & problems in **breeding** of **Juncus** 086996
Breeding, keeping & use of horses in days of 084923
Breeding & kennel management. [Dogs]. 084751
supplement to feed of **egg-laying breeding** of 084538
of estrous cycle in **livestock breeding.** 2. 084761
of world research in **livestock breeding.** 3. 084762
Recent progress in world **livestock breeding.** 084766
to increace production. [**Livestock breeding**] 084816
development of pedigree **livestock breeding** 084893
Optimum superparasitism for **mass breeding** 089987
Significance of **breeding material** age for de- 091218
Studies on selection of **breeding materials** f- 086989
early generation testing **breeding methods** c- 086907
Breeding methods & their significance for a- 086919
of base populations for **breeding** of **molasses** 087140
Breeding of **mono** germ F1 hybrid in sugar 087001
Breeding of **nursing** animals--essential condi- 084912
To tame wild ones. [Fruits, **nuts, breeding**]. 088852
Use of induced mutations in **breeding peas.** 086944
Breeding for **pH** [hydrogen-ion concentrati- 086916
Topcrossing in **pig breeding.** 084971
of gilts from feedlots for **breeding piglets.** 084950
for advancement of **plant breeding.** 086919
forms of potatoes for use in **plant breeding.** 086949
Experimental mutagenesis & **plant breeding** 086958
Art & science of **plant breeding.** 086978
Practical uses of mutation in **plant breeding** 086994
Shlomi--Israel's corn man. [**Plant breeding**] 087065
of state farms in **plant breeding** & seed pro- 087113
Breeding ponies for riding. 084921
On raising of **poultry breeders** for reproduct- 084974
grape varieties & **breeding problems.** 087153
Breeding process of monogerm F1 hybrid in 087000
for 1973 for realization of **breeding program** 084940
Breeding programmes for maximising genetic 084824
University of Alberta beef **breeding project** 084817
Perennial forage **breeding projects.** [Canada 086921
Perennial forage **breeding projects.** 086922
natural mutations in **breeding proso.** [Panic- 086943
Floury-2, used in **breeding** for **protein** quality 087911
Radiation breeding of fruit trees in Canada. 086997
Breeding of **rape.** 086879
Growth traits in **straightbred** & **reciprocally** 084832
application to genetic & **breeding research.** 084878
Utility of induced mutations in **rice breeding** 086975
strain by grain/straw ration in **rice breeding** 087006
of udder in cows in large-**scale breeding.** 085700
medicine & animal **breeding sectors.** 085127
Potential modernization of **sheep-breeding** in 084818
of Merino & Spanea **sheep breeding** on state 084913
Research Institute for **Breeding Small** Ani- 084807
Prices of **breeding sows** in upward trend? 082302
Change over to **breeding sows.** 084947
propagation of cotton **breeding stock.** 086849
Influence of root **stock breeding** with Vitis c- 087096
on root type & **breeding** of **sweetpotato** ada- 086988
Natural illumination of **swine-breeding** hous- 091285
Effect of heifer-**breeding system** on their re- 084911
early generation **testing breeding** methods c- 086907
to intensive culture & forest **tree breeding** of 086041
avian emcephalomyelitis in **turkey breeder** 085200
Biological bases for **breeding varieties** of int- 087159
Some problems of **vegetable breeding** in Ge- 086880
Breeding winter-hardy marrowfat pea variet- 087180
mathematical analysis in **breeding work** with 084964
Breeding work on indigenous wild trees-a w- 086925

BREEDS
Rearing sheep of **Barbarine breed** in Ousselt- 084007
obstruction in **brachycephalic breeds.** [Surg- 085040
selection program for Limousin **cattle breed** 084906
Selection stations for Limousin **cattle breed** 084907
Effect of **breed** on **course** of growth phases of 084306
Evaluation of purebreds & two-**breed crosses** 084850
activity in piglets of **different breeds.** 084355
in blood count in cows of **different breeds** & 084970
types in some indigenous & **exotic breeds** of 084861
translocations in two **exotic breeds** of cattle 084954
Nubians of tomorrow. [**Goats, breeds**]. 084784
Agnelle sheep producer **groups, breeds** of M- 082114
Breeding **half-breeds** & sport horses. 084922
of cows & heifers of Black & **Hwite breed.** 084288
a possible return to **ignored breeds.** [Cattle] 084812
of inbreeding with sheep of **Kuibyshev breed** 084929
in swine of Kemerovo & **Landrace breeds** & 084317
juvenile boars of German **Landrace breed.** 084979
of boars of German **Landrace breed.** 084982
queen insemination: **Breed** & **line** country a- 091069
relating to preservation of **local breeds** in 084967
Breed of **Murge** horses for better utilization 084937
of stratum corneum in **Nigerian breeds** of ca- 084114
cerebellar ataxia in Gotland **Pony breed.** 085765
curve of Robusta Lionata. [**Poultry, breeds**] 084938
weight of young in two **breeds** of **rabbits.** [084949
relations of sexes in two **breeds** of **rabbits.** 084952
Corriedale x Bikaneri) **breeds** of **sheep** under 084825
production: future role of **breed societies.** 084936
Wheat breeds of USSR: Their importance to 088388
Swedish **Yorkshire-- breed** & its future. [Sw- 084935

BREMIA
to downy mildew (**Bremia lactucae** Reg.) in 088988

BREWING
Innovations in cask cellar. [**Brewing**]. 083181
Use of lactic acid male in **brewing.** 4. Direct 083539
Austrian brewing industry. 083629
on malting properties of **brewing barley.** 083630
of waste water from **brewing** & **fermentation** 092390
New tasks for **German breweries.** 083037
Energy evaluation of **brewers grains** for gro- 084573
Effect of malting & **brewing procedure** on m- 083043
pediococci isolated from **brewery products.** 082778
pediococci isolated from **brewery products.** 082779
pediococci isolated from **brewery products.** 083112
pediococci isolated from **brewery products.** 083113
microorgamism in **brewing** of **soy** sauce. 1. 083607
Estimation of ploidies in **brewery yeasts.** 083046

BRINE
sterilization of tuna canned in oil & **brine.** 083107
Effect of curing **brine bacteria** on properties 083427
Packing pickles with **recycled brine.** 083694

BRINJAL
SEE EGGPLANTS

BRIQUETTES
Feeding of pellets, cobs & **briquettes.** 084629

BRISTLES
Scutellar **bristle components** & canalisation 090574

BROADBEANS
development in Vicia faba L. [**Broadbeans**] 087541
acid & some of its compounds. [**Broadbeans**] 087659
from Vicia faba epidermis. [**Broadbeans**]. 087679
in Vicia faba. [**Broadbeans.** 087831
growth of Vicia faba L. [**Broadbeans**]. 087983
on soluble protein content of **broadbeans.** 089855
Boh. Coleoptera: Bruchidae. [**Broadbeans**]. 089949
acid. [Allium **fistulosum, broadbeans**]. 086957
Times for & ways of **harvesting broadbeans.** 088522
control & **broadbean improvement.** [Oroban- 089714
species, 1969/1971. [**Broadbeans, peas**]. 088925

BROADCASTING
comparison of row & **broadcast application** 090034

BROILERS
SEE POULTRY

BROMEGRASS
of cowpea chlorotic mottle & **brome mosaic** 089346
Translation of **brome mosaic** viral ribonucleic 089353
identification of a protein in **brome mosaic** v- 089423
in sampling smooth **bromegrass seed.** [Bro- 083533

BROMIDES
characterization of **cyanogen bromide** pepti- 084095
lipase & methyl **magnesium bromide** for ste- 083073
Antimicrobial action of **methyl bromide** & s- 089042
inheritance of tolerance to **methyl bromide** 090199
Methyl bromide residues in almonds, hazel- 090311

BROMINE
oxidation of starches with **aqueous bromine.** 083051
Bromine phenols of a red algae, Halopytis i- 087523
Pyrolysis of **brominated wood.** II. Different- 086123

BROMODEOXYURIDINE
damage produced by 5-**bromodeoxyuridine** (087051
Bromodeoxyuridine: catabolism & incorpora- 087571

BROMUS
of different genera. [Vicia **hajastana, Bromus** 088177
smooth bromegrass seed. [**Bromus inermis**] 083533
diameter to ploidy level in **Bromus inermis** 086900
smooth bromegrass seed. [**Bromus inermis**] 088335
Methods of planting **Bromus inermis.** 088511

BRONCHITIS
Plaque formation by **infectious bronchitis** vi- 085273
mycoplasmosis (ARM) **infectious bronchitis** 085352
coli, fowl pox, **infectious bronchitis** & mycop- 085365

BRONCHOPNEUMONIA
a bacterium **complicating bronchopneumonia** 085433

BROOD
Variability in production of **drone broods** by 091095
Apis mellifera L.) & their **brood** on **ovary** d- 091120
of honeybees for **brood rearing.** 091155

BROOMRAPE
Efficacy of terbutol in **broomrape control** & 089714

BROWN
Preventive effect of cysteine on **"Browning"** 083211
of acid polysaccharides by **brown alga** Pilay- 087336
diterpene alcohol from **brown alga,** Pachydi- 087214
Results as to **Brown cattle** grading on selec- 084914
Biology of **brown dog** tick Rhipicephalus s. 090280
Are **brown eggs** of present interest? [Laying 084678
Non-**enzymic browning.** VII. Reactions of s- 083230
Flesh browning in CA stored Jonathans. [A- 083849
Genetics of **Brown Forest** soils with stanant 091481
Brown forest soils of Belorussia. 091703
populations of smaller **brown planthopper** in 089930
Control of **brown & rhizopus** rots of peaches 089151
Control of **brown rot** disease caused by Scle- 089126
Brown rot of citrus fruit. [Phytophthora]. 089152
An unusual **brown rot** outbreak in a Florida 089206
Control of **brown rot** of stone fruits with th- 089220
ability in some varieties of **brown sarson.** [086845
hydroquinones from **brown seaweed** Dictyop- 087426
of humus in Podzol **soils, Brown** & Grey Fo- 091502
cultivar resistance to **brown spot** disease of f- 089279
Brown stain susceptibility of selected lettuce 083700
with single crossing of **Brown Swiss** cattle in 084926

BROWSING
other arid-zone species. [**Australia, Browse** 087906

BRUCELLOSIS
Brucellosis: Incidence in Iowa. [Cattle, swi- 085386
Rose Bengal plate test for **bovine brucellosis** 085296
Prevalance of **brucellosis** among **cattle** & buf- 085370
applied in serodiagnosis of **cattle brucellosis** 085480
economic loss--due to **brucellosis** in **dairy** an- 085331
standard. [Livestock, **brucellosis, diagnosis**] 085302
diagnostic tests for **brucellosis** in a **heard** of 085305
Human relations of **brucellosis** in **Hungary.** 085423
of research on **brucellosis** in **livestock.** 085444
Brucellosis as an **occupational** disease of ver- 085101
Eradication of **brucellosis** from a **show** herd. 085510

BRUCHIDAE
incarnatus Boh. Coleoptera: **Bruchidae.** [Br- 089949
obtectus Say, Coleopt era: **Bruchidae**) imag- 090064
incarnatus Boh. Coleoptera: **Bruchidae.** [Br- 090788
group of Stator (Coleoptera: **Bruchidae**) with 090924

BRUSH
Brush control & forage production in aspen 089632

BRYOLOGY
History of **bryology** in **Japan.** II. Contribut- 086312
A contribution **ot Bryology** of southampton 086430

BRYOPHYTES
in conducting tissues of **bryophytes.** 087570
Studies on **bryophytes** of **southern** Manitoba 086637
Two **bryophytes** new to **Virginia.** [Moerkia 086418

BUBALUS
SEE BUFFALO

BUCKWHEAT
treatment of rice & **buckwheat grains** on sta- 083593

BUDDING
Cell budding & fission in microspores of Pe- 087109

BUDGETS
of forest administration & **budget** for **fiscal** 085966

BUDS
of yellow bacteria on leaves & **buds.** [Pseud- 089314
A physiological study of **adventitious bud** fo- 088225
aglycones secreted by **buds** of **Aesculus** hipp- 087490
Recent advances in opening **bud-cut** chrysan- 088059
description of chick wing **bud development** 084132
of temperature on flower **bud differentiation** 087432
Studies on time of fruit **bud differentiation** in 088197
Bud eating pests in viticulture. [Earth wor- 089565
Effect of temperature on **flower bud** differen- 087432
In vitro foliar shoot **bud formation** in Begon- 088014
study of adventitious **bud formation** in potato 088225
Frozen buds tomorrow--& what can one do? 089485
Studies on time of **fruit bud** differentiation in 088197
Studies on **bud grafting** of chestnut. 5. [Cas- 088562
Fruitfulness of **grapevine buds**--a review. 087947
Estimating fruitfulness of **grapevine buds** by 088928
A record preponement of **bud-induction** in 087630
of cell reproduction in **bud meristems** of Tr- 087339
synthetic sex attractant of larch **bud moth** 090117
Recent advances in **opening bud**-cut chrysan- 088059
of a growth inhibitor in tung **bud scales.** [Al- 087220
In vitro foliar **shoot bud** formation in Begon- 088014
Effect of cane length on **bud sprouting,** flow- 088195
Frozen **buds tomorrow**--& what can one do? 089485
of a growth inhibitor in **tung bud** scales. [Al- 087220
An excellent source of **vegetative buds** for u- 087550
A description of chick **wing bud** development 084132

BUDWOOD
Sale of **budwood.** [Rubber]. 082466

BUDWORMS
insecticides against tobacco **budworm, boll** 089962
development of tobacco **budworm, Heliothis** 089928
Reduced capture of **tobacco budworm** & corn 089916
insecticides for control of **tobacco budworm** 089960
resistance levels in **tobacco budworm** & bol- 089961
insecticides, for control of **tobacco budworm** 089970

BUFFALO
on ruminal volatile fatty acids in **buffaloes.** 084185
seasonal dynamics of vitamin A in **buffalo** (084360
total volatile fatty acids in rumen of **buffalo** 084544
fatty acids in rumen liquor of **buffaloes.** 084549
studies in indigestions in cattle & **buffaloes.** 085680
bicarbonate to fistulated Surti **buffalo bulls** 084556
development of rumen in **buffalo calves** rais- 084191
development of rumen in **buffalo calves** rais- 084550
development of rumen in **buffalo calves** rais- 084551
Giant cell pneumonia in **buffalo calves** (Bub- 085526
A comparison of **buffalo & cattle** keeping in 084005
of blood & semen in **buffalo cattle.** 084042
study between some **buffalo & cow** cream pr- 083234
study between some **buffalo & cow** cream pr- 083235
Comparative study between **buffalo & cow** m- 083236
in thyroid status of **buffalo** during **estrous** c- 084966
among cattle & **buffaloes** in **Haryana** state. 085370
peptone from cow & **buffalo mile.** 084186
Research on **buffalo's milk.** VIII. Phospholi- 083285
Buffering properties of cow & **buffalo milks.** 083381
nitrogen constituents of cow & **buffalo milks** 083385
of part lactations in **Murrah buffaloes.** 084183
Myometrial histology of **surti buffalo** uterus 084198
bicarbonate to fistulated **Surti buffalo** bulls 084556
on reproductive behaviour of **Surti buffaloes** 084828
Myometrial histology of surti **buffalo uterus** 084198
on gestational changes in **buffalo uterus.** I. h- 084965
lesions on pericardium of **buffaloes** in **Uttar** 085684

BUGS
SEE INSECTS

BUILDING
costs on production costs. [**Building**]. 082208
of modern insulating in **animal buildings.** 091239
for large spans in forest **bridge building.** 085890
Wood in **building completion.** 086144
Measurement, **construction, building** & oper- 091299
Total concept of **building costs** & possible s- 082209
Soil **building crop** rotations. 088444
Welcoming address on Wood **Building Day** 086143
Construction costs of **farm buildings.** 082207
Fires in **farm buildings.** [Livestock housing] 091242
Stressed skin **farm buildings.** 091243
Building & formation of ice cream microstr- 083344
Potato storage houses in fixed **frame building** 091272
Building hobby greenhouses. 091294
of farm planning **including building** program 091235
On **building** of **internal**-unit transport netwo- 086163
of agricultural **investment building** till 1975 082305
of agricultural **maintenance buildings.** 091249
houses in fixed frame **building methods.** 091272
Variations in planning **milling buildings** und- 083647
Farrowing & **nursery building** for swine. 091296
mite pests in a new **building** in **Oberharz.** [090213
Building & operating backyard greenhouse in 091287
Slaughterhouses **building--problems** of realiz- 083441
of farm planning including **building program** 091235
Building regulations & wood utilization. 086145
Machinery & equipment in **road building.** [086193
Slaughterhouses building--problems of realiz- 083441
Soil building crop rotations. 088444
How to **build** a **strong** fence. 091279
of agricultural investment **building till** 1975 082305
of DDT36 CL [chlorine] on **web-building** in 090161
Welcoming address on **Wood Building** Day 086143

BULBS
Little **bulbs.** 088698
Bulbs will **bloom** indoors. 088744
of insecticidal dusts in **controlling bulb** fly 090182
Summer-**flowering bulbs.** 088699
Lilium bulb production & cultivation. 2. 088561
Effect of ethephon on **bulbing** of **onion** under 088065
A study into keeping quality of **bulb onions** 083753
A **bulb primer.** 088695
Changes in carbohydrates of **tulip bulbs** dur- 088060

BULGUR
Bulgur wheat. 082954

BULK
milk products made from **bulk collected** milk 082864
of butter & milk made from **bulk collected** 083368
Bulk density estimation based on organic m- 091675
Bacteriological aspects of **bulk milk** collecti- 082862
Bulk milk collection; an introduction to sub- 083366
Bulk, pedigree, & early generation testing b- 086907
A survey of **bulk starter** preparation & hand- 083355
control of Botrytis neck rot in **bulk stored** 089154

BULLS
during passage through genital tract of **bull** 084091
inhibiting ovarian maturation. [**Bulls**]. 084793
semen & its fertilizing properties. [**Bulls**]. 084883
immobilisation & analgesia in **bullock.** 085170
A case of bursitis praecarpalis in a **bull.** 085642
Progress in **bull beef** grading...but not enou- 082728
of size, shape & performance of **beef bulls.** I 084213
of size, shape & performance of **beef bulls.** II 084214
of size, shape & performance of **beef bulls.** I- 084843
bicarbonate to fistulated Surti **buffalo bulls** 084556
of growth phases of fattening **bull calves.** 084306
fattening of **bulls** with **concentrated** feed. 084703
of production technique **concerning bull** fatt- 084704
Bullock drawn groundnut digger. 091380
Carcass value of **fattened bullocks** of Bohem- 083495
of carcas analysis of **fattening bullocks.** 083494
on course of growth phases of **fattening bull** 084306
technique concerning **bull fattening** on pastu- 084704
of carcas analysis of **fattening bullocks.** 084737
Chiana & Chiana X Friesian young **bulls fed** 084405
Behaviour of steers & **bulls** in **feedlot.** 084149
fluids, spermatozoa, & tissues of **bull genital** 084100
seeds (Mangifera indica, var. **Bullock's heart**) 088006
reproductive performance of **bulls & heifers** 084571
in rations for fattening **Holstein bulls** & ste- 084492
Bull mallee, Eucalyptus behriana F. Muell. 086367
A survey of genitalia of **bulls** in **Northern** A- 084776
of suitability for deep freezing of **bull semen** 084981
to resistance of **bull spermatozoa** & applicat- 084969
Serum LH levels in **bulls treated** with synt- 084218
on fattening performances of **young bulls.** 083993
Chiana & Chiana X Friesian **young bulls** fed 084405
Chlorella in relation to fattening **young bulls** 084537
Flavomycin in grain feeding of **young bulls.** 084622
testes & fertility prognosis in **young bulls.** 084809

BUNDLE
cells of mesophyll & **parenchymatous bundle** 086725
of mesophyll protoplasts & **bundle sheath** ce- 086804

BUNT
Controlling **hill bunt.** [Tilletia, wheat]. 089070

BUPRESTIDAE
view of distribution of **buprestid beetles.** [C- 091013
in Oriental region (**Coleoptera, Buprestidae**) 091009

BURDOCK
electron microscopy of **Burdock mottle** virus 089365

BURLEY
lamina & midrib portions of **burley tobacco** 087894
control of insects on **Burley tobacco** with so- 089969

BURNING
duff & soil after **prescribed burning** on forest 090165
waterhyacinth in Sudan 1. **Routine burning.** 089654
Burning as a **supporting** management in con- 089655

BURROWING
behavior of desert **burrowing cockroach,** Ar- 090755
Burrow sharing & nest transfer in digger wa- 090448

BURSA
Survival & function of **bursa-derived** cells in 084122
between thymus cells & **either bursa** or bone 085318

BURSECTOMY
derived cells in **bursectomized chickens.** 084122

BURSITIS
A case of **bursitis praecarpalis** in a bull. 085642

BUSHES
Recommended **bush berry** varieties & their 088658
Soviet Union to mechanize tree & **bush fruit** 088664
Weed control in berry **& bush fruits** (western 089734
Volume effect of **hazelnut bush** [Corylus ave- 086079
Bush Purple Hull, a new southern pea. 088587
of Capsicum annuum L. [**Bush redpepper**]. 087981

BUSINESS
Egg production--threatened by **big business.** 082567
Business organization **& business conduct** in 081916
Business dimensions & legislative reflections 082643
as a part of new farm **business directly** to fa- 082319

Farmer cooperatives in **fertilizer business.** 082186
Business guide--new ways of thinking in bus- 082149

BUSULFAN
Busulfan: development of improved methods 089908

BUTANOL
measurement of 2,3-**butanediol** in **silage.** 083884

BUTCHERS
Use of a **butcher's boning** glove for handling 085093
incidence of Salmonella in a **butcher's shop** 082886

BUTOMUS
nymphoides & **Butomus umbellatus.** 086741

BUTOXIDE
of pyrethrins & **piperonyl butoxide** by thin 089767

BUTTER
of ascorbic acid in keeping quality of **butter** 083237
to improve spreading property of **butter.** 083268
preparing & churning cream to make **butter.** 083297
to improve spreading property of **butter.** 084482
of Tilsiter, Edam & **butter cheese.** 083258
milk & dairy products. 16. **[Cream, butter].** 083244
again shows surplus. [Cheese, **milk, butter].** 082375
Quality of **butter & milk** made from bulk co- 083368
obtained from skim milk & **butter-milk** in a- 084680
Study of **mowrah butter** (seed fat of Manhu- 083093
aflatoxin detection in peanuts, **peanut butter** 082789
Milk & **butter quality** in relation to feeding 083389

BUTTERFAT
of quanity, **drymatterand butterfat** percenta- 083330
of **butterfat** by means of **filtration** of fat gra- 083329
pigs. 4. replacement of **butterfat** in a **whole** 084460

BUTTERFLIES
absorption of radiant energy by a **butterfly.** 090523
of seasonal forms in **butterfly, Araschnia** bu- 090856
pupal parasites of common **cabbage butterfly** 090041
pupal parasites of common **cabbage butterfly** 090042
as catchers of **butterflies,** an old **cheerful** s- 089765
ocularis L.--new **Danish butterfly.** 090985
Butterflies of **Kenting,** Taewan. 3. 090935
ecological expansion in **tropical butterflies** of 091024
Freezing of **unflattened butterflies:** Stateme- 090442

BUTTERMILK
swine with skim milk, whey & **buttermilk.** 084519

BUTYL
Effects of di-tertie-**butyl-hydroxy**-toluene (B 084430
World's **largest butyl** rubber-lined reservoir 091259

BUXBAUMIA
to Virginia. [Moerkia **hibernica, Buxbaumia** 086418

BUXUS
Two new alkaloids from **Buxus sempervirens** 087625
beta-diketones from **Buxus sempervirens.** 088290

BUYERS
Buyers, wholesalers, producers have new ma- 086273

BUYING
When **buying calves** beware of tired ones. [085696
Total **consumer buying** of fresh versus proce- 082509
Buying, feeding, selling: how small cattle fe- 082174
How chain **stores buy** & market peaches. 082452
Buying time with direct drilling [Brassica, g- 088342

BYPRODUCTS
trends of paper industry: **byproducts usages.** 086253

CABBAGES
starch at hardening temperatures. **[Cabbage]** 083721
research on post harvest storage of **cabbage** 083822
lingam (Tode ex Fr.) Desm. on **cabbage.** 088995
diazinon to harlequin bugs on **cabbage.** [Mu- 090035
of two varieties of **cabbage** as **affected** by gi- 088628
caterpillar species on **cabbage** with **Bacillus** 090012
Control of cauliflower & **cabbage borer.** [He- 090076
pupal parasites of common **cabbage butterfly** 090041
pupal parasites of common **cabbage butterfly** 090042
Fertilizer trials with **cabbage following** carr- 091886
Large-leaved **cabbage gum,** Eucalyptus grand- 086368
Of **cabbages & kings.** [Great Britain, North- 090068
of scent scales of male **cabbage looper,** Tric- 090569
Yield trial of F1 hybrids of **Louco cabbage** 088893
food requirements of **cabbage maggot,** Hyle- 089993
control prospects of **major cabbage** insect p- 090053
Population dynamics of **cabbage root** fly in 090025
Trichopulsia ni. **[Soybeans, cabbage,** pests] 090039

CACAO
palmivora in Cameroun. **[Cacao].** 089238
to some new insecticides. **[Cacao].** 089822
Free fatty acid content of **cacao beans** infes- 083124
mineral element cycles in a **Cameroon cacao** 087321
of Phytophthora palmivora. **[Cacao, fungus** 088992

Cacao germplasm collection. 088943
Microbiology in **cacao processing** industry. 083086
A new source of haploidy in **cacao tree** (Th- 086882

CACOECIA
Eulia pulchelliana, **Cacoecia podana,** chemic- 090046

CACTACEAE
Research: how society can help. **[Cactaceae]** 086285
step to aid conservation. **[Cactaceae].** 086287
Cacti & succulents for amateur. **[Cactaceae]** 086425
Name's same. **[Cactaceae].** 086440
New combinations in **Cactaceae subfamily** 086538

CACTUS
Flowering of **Christmas cactus** during summ- 088056
Studies in **Colorado cacti.** III. Coryphantha, 086424
Cacti & succulents for amateur. [Cactaceae] 086425

CADANG
trees & those affected by **cadang-cadang.** 089410

CADMIUM
determination of **cadmium** in **food.** 082692
Cadmium-induced anemia in growing pigs: p- 085691
Uptake of **cadmium** by **plants.** [Tomatoes, fo- 087434
Absorption & uptake of **cadmium** by **plants.** 087815
Uptake of **cadmium** by **plants.** [Tomatoes, fo- 091934
Cadmium toxicity in growing swine. 085784
Cadmium uptake bvy wheat from sewage sl- 087670
Cadmium uptake by rice plant & wheat as a- 087901

CADRA
untreated almonds. **[Cadra cautella,** plodia i- 090193
effects on life stages. **[Cadra cautella,** stora- 090194

CAGES
rearing of pullets on deep litter & in **cages.** 084011
examination & medication of **caged birds.** 085009
Caging ducks for efficient egg production. 083933
fatigans Wied.: laboratory & **field cage** studi- 090291
of steam generation in **flat cages** for laying 083981
Stocking arrangements in **laying cages.** [Chi- 083916
a comparison of two **oviposition cages.** 090659
of behavioral response of **queenless caged** w- 091071
Uptake of mercury by **caged rainbow** trout 092321
in Virginia pine cones by screen **wire cages.** 086088

CAJANUS
variability in pigeon pea **(Cajanus cajan,** L. 086861
characters in red gram **(Cajanus cajan** (l.) 087010

CAKES
of goitrogenic factor from **colza cake** during 083903
characteristics of sponge **cakes prepared** wi- 082916
in White Leghorn layers fed **salseed cake.** 084554

CALCAREOUS
Calcareous nannoolankton at Cretaceous-Te- 086323
L) Merril) varieties on **calcareous soils** of 088381

CALCIFICATION
Diffuse **pulmonary calcification** & ossificati- 085678

CALCIUM
Estimation of water-extractable Ca **[calcium** 083498
metabolism & accessibility of iron & **calcium** 087205
Ca2 **[calcium]** transport activity in mitocho- 087232
chrysogenum: involvement of **calcium.** 087415
Investigations upon Ca **[calcium]** related ph- 089544
Changes in K [potassium]/Ca **[calcium]** exc- 091606
Availability of Ca **[calcium]** from Ca45 S04 091695
yard manure on availability of ca **[calcium]** 091696
acid on bitter pit & **calcium accumulation** in 087939
of magnesium & **calcium** from **alimentary** tr- 084656
cells. III. Effects of **calcium & ammonium** on 087847
Can plant **available calcium** be determined in 091585
with application of **calcium borogluconicum** 084340
cations from kankar **[calcium carbonate]** in- 091633
as influenced by kankar. **[Calcium carbonate** 091634
calcium] from ca45c03 **[calcium carbonate]** 091696
of potassium & **calcium content** in milk by f- 083273
of gummosis in apple & **calcium content** in i- 089520
Influence of **calcium cyanamide** on tuber yie- 088798
Strontium-**calcium discrimination** during pla- 084320
on suitability of potassium-**calcium exchange** 091499
Effect of low levels of **calcium** on **exudation** 087838
Egg shell as a source of **calcium** for **growing** 084555
Effects of fibre length & **calcium ion** concen- 090724
Calcium lactate deposits on rindless Cheddar 083357
excretion of water, **calcium, magnesium,** & i- 084160
Calcium metabolism in laying hen. 6. Shell 084308
Vicia faba L.) seedlings with **calcium nitrate** 089448
meal or supplemental **calcium phosphate.** [084462
Phosphorous, calcium, sodium & potassium 084712
Report on **calcium, phosphorus** & fertility in 084783
placental transfer of **calcium & phosphorus** 084801
nitrogen metabolism & **calcium** or **potassium** 087289
I. effect of varying **potassium, calcium,** & m- 088300
Studies on suitability of **potassium-calcium** 091499
of research of **calcium requirements** of man. 082966
Investigation on addition of **calcium salts** on 083748
Phosphorous, **calcium, sodium** & potassium 084712
Strontium-calcium discrimination during pla- 084320
Ca [calcium] from Ca45 S04 **[calcium sulfate]** 091695
without fish meal or **supplemental calcium** 084462
Effect of **calcium** on **texture** profile of irradi- 083800
Calcium tolerance test according to Klotz's 084062
on potassium & **calcium transport** from with- 087861
Calcium in **volcanic** soils of highlands of Pa- 091723
fecal & urinary excretion of **water, calcium,** 084160

CALCULI
Simplified **hydraulic calculus** of pressureless 092075

CALENDULA
growth of capeweed **(Arctotheca calendula)** 087676
pasture species. **[Arctotheca calendula,** subt- 089611

CALLICARPA
constituents of **Callicarpa macrophylla** Vahl 087607

CALLIPHORA
membranes of **blowfly Calliphora** erythroce- 090521
of insect ovary. **[Calliphora erythorcephala]** 090594
of larva of **Calliphora erythrocephala** Meig 090481
of winter adaptations in **Calliphora vicina** R 089798
Eye muscle of **Calliphora vomitoria** L. I. Sp- 090667
Eye muscle of **Calliphora vomitoria** L. II. T- 090668

CALLIPHORIDAE
vicina R. -D. **(Diptera, Calliphoridae).** 089798

CALLITRICHACEAE
on distribution of **Callitriche** in **Sologne** & in 086630

CALLITRIS
SEE PINACEAE

CALLUS
Anthracene derivative in **callus cultures** from 087493
Callus formation on tissue explant derived f- 088215
in apple breeding. III. **Callus fromation** & o- 086758
of metabolites in soybean **callus tissue** cultu- 087766

CALOGLYPHUS
non-parthenogenetic **mite Caloglyphus** myc- 090607

CALONECTRIA
North Carolina, 1972 **[calonectria crotalari-e]** 089204

CALORIES
Food consumption & **calorie** & **nutrient** inta- 082978
Effect of **caloric & protein** additives adminis- 084667
Calorie supplementation of a hyproprotein d- 082969
Chemical composition & **caloric value** of gra- 082998

CALORIMETRY
Differential **scanning calorimetry:** Study of 083843

CALVES
of exocrine pancreatic secretion of **calves.** co- 084104
by rumen bacteria in vitro. **[Calves].** 084105
of ruminal digestion & metabolism in **calves** 084319
magnesium intake in urolithiasis in **calves.** 084552
Effect of subclinical lead intake on **calves.** 084572
Evaluation of feed mixtures for **calves.** 084687
Shortage of drinking water for **calves.** 084705
of exocrine pancreatic secretion of **calves.** co- 085063
argentina & Babesia bigemina in **calves** (Bos 085224
Studies on salmonellosis in **calves.** I. Devel- 085234
Studies on salmonellosis in **calves.** II. Imm- 085235
in Babesia argentina infections. **[Calves].** 085251
study of Pasteurella haemolytica in **calves.** 085293
Salmonella dublin infection in **calves:** value 085295
of larvae to worm burden in **calves.** [Ostert- 085341
associated defects in **calves.** 085632
magnesium intake in urolithiasis in **calves.** 085679
on morbidity of **calves.** 085701
Bezoars in gastrointestinal system of **calves** 085724
Portable stalls for **calves.** 091297
in acute systemic anaphylaxis in **calves:** Eff- 085069
outdoor environments on **beef calves.** 084150
post-weaning stresses on **beef calves.** 084151
on weaning stress in **beef calves.** 084152
of respiratory system, verified in **beef calves** 085806
When buying **calves beware** of tired ones. [085696
Relative mortality rates, **calf birth** weights, 084779
colostrum is necessary to a new-**born calf.** 084155
in treatment of diarrhea in new **born calves** 085550
A rare form of aprosopia in a new-**born calf** 085668
Studies on mortality in **bovine calves** due to 085349
utilization of nutrients in cross-**bred calves.** 084190
milk feeding on growth of cross-**bred calves** 084541
on growth responses of cross-**bred calves.** 2. 084190
development of rumen in **buffalo calves** rais- 084191
development of rumen in **buffalo calves** rais- 084550
development of rumen in **buffalo calves** rais- 084551
Giant cell pneumonia in **buffalo calves** (Bub- 085526
blood lactic acid in male **buffiao-calves** (Bu- 084187
of growth phases of fattening **bull calves.** 084306
When **buying calves** beware of tired ones. [085696
and-White (Friesian) **calves** & some **causes** 084957
to range environments in grazing **cow-calf** h- 084532

on performance of young **dairy calves.** 084588
grain & soybeans in diets of **dairy calves.** 084594
Calf diseases can be fatal. 085337
Control of **calf diseases.** 085767
Studies on mortality in bovine **calves due** to 085349
infection in **calves** under **experimental** condi- 085587
volatile fatty acid changes in **calves fed** inte- 084113
Feasibility of backgrounding **feeder calves** in 082277
Feeding calves with milk powder in Italy. 084536
organs & tissues of male & **female calves.** 084359
Productivity of **calves following** growth. [Fl- 084558
to milk yield of beef cows & **calf gain.** 084219
Rearing **golden calf.** 083935
in blood serum of **growing calves** & in bovine 084373
environments in grazing cow-**calf herd.** 084532
sources of non-milk protein for **calf, lamb,** p- 084408
glucose pyrophosphorylase from **calf liver.** [087976
of immunoglobulin IgG1 in **newborn calves.** 084130
in blood serum of **calves, piglets** & dogs after 084348
from Schistosoma bovis. [**Rabbits, calves**]. 085188
of rumen in buffalo **calves raised** on calf sta- 084191
of rumen in buffalo **calves raised** on calf sta- 084550
of rumen in buffalo **calves raised** on calf sta- 084551
system, verified in beef **calves, raised** indust- 085806
Effect of conditions of **raising calves** on their 084016
Calf raising problems: Objectives of seminar 085687
Queensland. 2. Relative mortality **rates, calf** 084779
meal supplementation of **calf rations.** 084587
Does **calf rearing** pay in rural areas? 082241
Calf rearing. 083988
of cow breeding & **calves rearing.** 084743
between a microbial rennet & a **calf rennet.** 083334
Rearing of **calves** without **skim** milk. 084621
Calves to be **sought.** [Outlook, trade]. 082592
Production of veal from **calves** in **southern** I- 082196
established in **calves** by two **spaced** inoculat- 085340
in buffalo calves raised on **calf starters.** 2. B- 084191
in buffalo calves raised on **calf starters.** I. 084550
in buffalo calves raised on **calf starters.** 2. B- 084551
vulvovaginitis] virus infection in **calf stocks** 085435
Calf stunning. 083983
Finishing **suckled calves.** 084392
of regularly slaughtered **suckling calves.** [Te- 082865
properties of ribonuclease H of **calf thymus** 084293
of template activity of **calf thymus** & rat liv- 084311
colobacillic septicemia of **calf** by **vaccination** 085491
on lipid absorption in **calves** one-two **weeks** 084072

CALVING
SEE BIRTH

CALYX
Calyx forms in dihaploids in relation to orig- 086808

CAMBIUM
phloem & **cambium** of a **Calamopityaceae** P- 086322
differentiation of **cambium** in **Pinaceae.** 086723
Some observations on **cambial zone** in cotto- 086786

CAMELLIAS
Camellias up north. 088757
systemic insecticides on **Camellia japonica.** 090014

CAMELS
of digestion by New World **camels, sheep** & 084048

CAMEMBERT
acids & alpha-ketoacids in **Camembert.** 083382

CAMPHOR
Camphor tree & **camphor production.** [Cinn- 088974

CANADENSIS
on catalase activity of **Elodea canadensis** le- 087296

CANALS
An automatic flow control for **canals.** 092168
irrigation systems with steep **canal bed** slop- 092146
downstream control of **canal check** gates by 092158
On closing of **drainage canal** terminus (river 091255
lateral resection) & ablation of **ear canal.** [085038
discharge flow in open **irrigation canals.** 092152
control structures in large **irrigation canals.** 092170
of different systems of **canals regulation.** [Ir- 092165
Scour holes down stream of **canal structures** 092033

CANCER
Current cancer therapy in veterinary medici- 085610
Gastric cancer (scirrhous adenocarcinoma) 085651
Cancer of **head** & neck. [Dogs]. 085611

CANE
Cane & **crown** galls of Tubus species. 089309
reverse osmosis to **cane juice.** 083586
Effect of **cane length** on bud sprouting, flow- 088195
Susceptibility of certain sugar-**cane plant** va- 089956
Problems of sugar-**cane production** in Sudan 088544
in time of acclimation of **raspberry canes** in 088050
molasses: a new product from **sugar cane.** 083666
to feed mixtures with **cane sugar** in broiler f- 084452
to feed mixtures with **cane sugar** in broiler f- 084453
Supplements of **cane sugar,** methionine, thr- 084454
Supplements of **cane sugar,** methionine, thr- 084455
Effect of drought on **sugar cane.** 087763
D on yield & quality of two **sugar-cane** varie- 088526
Effect of drought on **sugar cane.** 089512
D on yield & quality of two **sugar-cane** varie- 089727
planting date & different cycles of **sugar-cane** 089955

CANINES
preparation of a carotid loop in **canine.** 085015
of intravenous neuroleptanalgesia in **canine.** 085115
Diagnosis of respiratory disease in **canine.** 085613
Glomerulonephritis in **canine:** a case report 085685
anatomy of normal **canine abdomen.** 084327
Anesthesia in **canine cesarean** section. 085119
activity of Weladol. [**Disinfectants, canine** v- 085487
Canine electrocardiography. 085044
Some **canine helminths** of public health sign- 085507
Canine hyperadrenocorticism. 085727
Luxation of **canine lens.** 085646
Nonfatal canine rabies. 085208
of dictyotene figures from **canine ovary.** 084258
Canine pediatrics. 085626
some properties of **canine prothrombin.** 084254
review of radiography of **canine skull** & cerv- 085025
invasion of mice by **Toxocara canis** (Werner 085359

CANKERS
inoculum concentration to **bacterial canker** 089316
Citrus canker & its control with fungicides. 089245
Apioporthe & **Monochaetia cankers** reported 089236
Histology of blister rust **cankers parasitized** 086803

CANNABIS
of glandular hairs of **Cannabis sativa** from s- 086707

CANNING
measurement of Bartlett pears for **canning.** 082710
Adaptability of pixie mandarins for **canning** 083715
Studies on **canned bamboo** shoots. 3. On inc- 082836
*** 082838
Aroma of **canned beef:** models for correlation 082963
Continuous canning process & device for co- 083171
of food control in meat & **canned food** facto- 082758
for process calculation. [**Canned food**]. 083146
during sterilization of **canned food** heated by 083117
in tin content of some **tinned foods** during s- 083101
Heat sterilization of **canned foods** in fluidiz- 083106
Larger U.S. Exports of **canned fruits** & vege- 082515
evaluation of quality of **canned goulash.** 082676
Requirements of **canning industry** on mecha- 083807
on bam boo shoots packed in **large cans.** 082838
Development of **Malayan canned** pineapple 082433
hygienic condition & quality of **tinned meat** 082771
Micronutrients in **canned meats.** 082914
Modern heat sterilization of **canned meats.** 083422
under focal point of a **canning method.** 083056
on microbiological flora of **canned Parma** h- 082818
Development of Malayan **canned pineapple** 082433
commerce of **canned pineapples** & processed 082560
Continuous **canning process** & device for co- 083171
Manufacture of **canned sausages** withlong s- 083425
Nutritive content of **canned tomato** juice & 082960
On sterilization of **tuna canned** in oil & bri- 083107
on color measurement of **canned tuna.** 083145

CANNULA
pancreatic secretion from a **duodenal cannula.** 084104

CANNULATION
Method of **cannulating glandular** part of m- 084176
for re-entrant **ileocecal cannulation** of swine 085090

CANOPY
net radiation within a **forest canopy.** 086670
a measure for assessing **orchard canopies,** & 088082

CANSCORA
Lanostane triterpenes of **Canscora decussata** 087522

CANTELOPES
plastic to cotton & **cantaloupes** in **trans-**pec- 092066

CAPEWEED
Competitive growth of **capeweed** (Arctotheca 087676

CAPILLARIA
Granuloma formation to **Capillaria hepatica** 085329
Heterakis gallinae & **Capillaria obsignata** in 085219

CAPILLARY
Making smears of **capillary blood** from bovi- 085169
Use of **capillary techniques** in ecological stu- 091539
A **capillary watering** system. [Alpine gardens 088570

CAPITAL
Use & misuse of **capital:** a checklist. 082221
Problems in **agricultural capital.** II. Credit 082292
Costs, returns, & **capital requirements** of sel- 082622
Capital structure & productivity on farms in 082244
Capital structure & financial management p- 082299

CAPONS
SEE POULTRY

CAPRA
Contagious caprine pleuropneumonia: a reas- 085527
ossification in a goat (**Capra hircus**): a note 085678

CAPRYLATE
threshold values for **ethyl caprylate** & phen- 082965

CAPSICUM
of chillies in India, rainfed crop. [**Capsicum**] 091850
amino acid content of **Capsicum acuminatum** 088080
borne diseases of chilli (**Capsicum annum**). 089095
tissues in stems of **Capsicum annuum** L. [Bu- 087981
soft rot on green peppers (**Capsicum annuum,** 089305

CAPSULE
properties, occurrence of **capsular antigens,** 085482
Scientists use **water capsules** for plants. [Gr- 088895

CAPTAN
elms with soil-injected **benomyl, captan,** & 089194
in combination with **captan** or **thiram** upon 090378

CARABIDAE
cresol by some ground beetles. [**Carabidae**]. 090752
Species of **Carabidae** (Insects: Coleoptera) in 090897
Patterns of **Carabus arcensis** Hbst. distribut- 090410
pektusanica] (**Coleoptera, Carabidae**) from 090876
north Japan (**Coleoptera, Carabidae**). 091003

CARALLUMA
on Ethiopian Stapeliads. [**Caralluma furta**]. 086484
Story of **Caralluma kalmbacherana.** 086286

CARAUSIUS
circadian rhythmicity in **Carausius morosus** 090700
effect of glutamic acid. [**Carausius morosus**] 090437
in embryonic feet of **phasma Carausius.** 090417

CARBADOX
Effect of **carbadox** on **growth** & feed utilizat- 084646

CARBAMATES
after treatment with a **carbamate herbicide** 086872
phosphatic & **carbamate insecticides** in cont- 089973
on residue analysis of **carbamate insecticides** 090399
method of several **carbamate pesticide** resid- 090398
to alkyl benzimidazol-2-**yl carbamates.** [Sys- 089169
methyl benzimidazol-2-**yl carbamate** & thio- 090376

CARBARYL
determination of NAC(**carbaryl**) in tomato, 090399
Carbaryl synergism by substituted 1,3-benz- 090191

CARBOFURAN
Carbofuran for **control** of eastern spruce gall 090129
to no-tillage corn with **granular carbofuran.** 089915

CARBOHYDRATES
Carbohydrates (energy), pivot point of grass 087702
of concanavalin A, **carbohydrate-binding** pro- 088066
Characteristics of **carrot carbohydrates** & th- 083767
Carbohydrate composition & some properties 084254
Carbohydrate contents & oxygen consumpti- 089936
fibre & water soluble **carbohydrate contents** 084443
Composition of **carbohydrates** in **different** 083032
Effect of easily **digestible carbohydrates** from 084715
of supplementation of **carbohydrate feeds** to 084543
by growth in high **carbohydrate-high** salt m- 085374
Importance of **carbohydrates** in **human** nutri- 082974
of dietary protein & **carbohydrate levels** on 084265
of temperature on **carbohydrate metabolism** 087956
Carbohydrate metabolism in sour cherries g- 088203
on metabolism of **carbohydrate nitrogen** in 087988
on metabolism of **carbohydrate nitrogen.** [V- 087990
Carbohydrates as **nutrients.** 082940
effects of **carbohydrates** in **nutrition.** [Poult- 084447
Carbohydrates of **spring** & winter field beans 083797
Changes in **carbohydrates** of **tulip** bulbs dur- 088060
Comparison of **carbohydrate utilization** in r- 084161

CARBONATES
cations from kankar [**calcium carbonate**] in- 091633
as influenced by kankar. [**Calcium carbonate** 091634
calcium] from ca45c03 [**calcium carbonate**] 091696
watershed in sodium **carbonate salinization** 091706
of sodium chloride & **sodium carbonate** on d- 083786

CARBONIC
Reduction in **carbonic anhydrase** activity in 088013
Use of **carbonic fertilizers** for greenhouse cu- 091974

CARBONIFEROUS
probably from French **Lower Carboniferous** 086322
dickeri n.sp. from **Carboniferous** of **Sinai.** [086566

CARBONS
14C [**carbon**]-acetamide turnover subject to 084058
odd-chain fatty acid (C9) [**carbon**] triglycer- 084162

metabolism of aflatoxin B1-14C [carbon] in 084257
application of cholesterol-26-14C. [carbon]. 084347
Clostridium botulinum toxin type C[carbon] 085193
of a dimer with Cbeta-Cbeta [carbon] linka- 086178
from monocotyledoneous C4 [carbon] plants 087681
Uptake of alanine-14C [carbon] by soybean 087710
Translocation of 14C[carbon]-indoleacetic a- 087940
14 c [carbon] incorporation from exogenous 087961
acid in Kinnow mandarin. [Carbon]. 088078
Distrubution of 14C [carbon]-labeled metab- 088251
Metabolism of 14C [carbon]-urea by white 088253
of plant residues labelled with carbon-14. 091524
carboxylase from C4 [Carbon] plants. [Sor- 087837
wine distillery wastes by activated carbon & 092303
Efficiency test of granular activated carbons 092336
from food plants with activated carbons. IV. 092337
Cleavage of 3,4-benzopyrene-1,2-carbon 14 088208
by microorganisms of carbon-14 derived from 089616
Utilization of a carbon dioxide electrode for 083689
method for determination of carbon dioxide 083708
Control of Co2 [Carbon dioxide] fixation by 086805
algae. 2. Kinetics of 14CO2-[carbon dioxide 087628
relationship between CO2 [carbon dioxide] 087693
organic compounds & carbon dioxide by roo- 087743
on assimilation of carbon dioxide by mature 087953
biosynthesized from 14C02 [carbon dioxide] 088132
interaction with ethylene & carbon dioxide 088162
Effects of carbon dioxide on activity of apple 088163
Response of carbon dioxide fixation to water 088166
effects of hydrogen ions, carbon dioxide, & 088170
Carbon dioxide compensation points in popl- 088275
Carbon dioxide for control of an insect infes- 090201
to sublethal dosages of carbon dioxide. 090567
Carbon dioxide evolution from two tempera- 091641
Relative toxicity of sulfur dioxide, carbon di- 091123
Results of carbon disulfide extraction meth- 083628
toxicity of sulfur dioxide, carbon disulphide, 091123
effects of hydrogen ions, carbon dioxide, & 088170
Gramineae as indicated by carbon isotopic r- 088321
Enzymatic fractionation of carbon isotyopes 087837
Liberation & uptake of carbon-labeled organ- 087743
of photosynthetic carbon metabolism by pH 088228
Soil recycles carbon monoxide. 09158
Carbon-13 nuclear magnetic resonance spect- 087216
phosphorus in relation to organic carbon & 091798
Usefulness of organic carbon parameters in 092240
Regulation of photosynthetic carbon metabo- 088228
Influence of carbon on production of slime 091714
Soil recycles carbon monoxide. 091584
between nitrogen & carbon in soil & rice yie- 091793
carbon disulphide, carbon tetrachloride & p- 091123

CARBONYLS

for determination of carbonyl compounds in 083186
U-14C]palmitate into carbonyl compounds 083298

CARBOXYLASES

of ribulose 1,5-diphosphate carboxylase in b- 087836
Glycine activation of pep carboxylase from 087681
by phosphoenolpyruvate carboxylase from 087837

CARBOXYLATES

Pyrroline-5-carboxylate reductase from Cuc- 088139

CARBOXYLATION

Carboxylating enzymes in normal & carote- 087690

CARBOXYLIC

algae, Halopytis incurvus: carboxylic acids. 087523

CARBOXYMETHYL

stabilized with carboxymethyl cellulose. 083311

CARCASS

synanthropic flies to small animal carcasses. 090221
gravity techniques for assesing carcass com- 083456
Tenderometer rates beef carcass quality. 082749
chemical composition of beef carcasses from 083459
Carcass characteristics of various types of d- 084378
on performance & carcass characteristics of 084565
in body composition & carcass characters of 084159
techniques for assesing carcass composition 083456
Carcass development in beef cattle subsequ- 084215
II. Dissected components of dressed carcass 084204
test carving of beef in carcasses evaluation. 083414
oil soapstock on performance, carcass fat & 084465
Influence of dietary fats upon carcass lipid 084576
from lean cuts as a measure of carcass merit 083408
swine: feedlot performance & carcass merit. 084850
beef carcasses from easily obtainable carcass 083459
fish oil soapstock on performance, carcass f- 084465
from high & low cutability pork carcasses. 083458
Tenderometer rates beef carcass quality. 082749
of meatiness & fattiness of swine carcasses. 082784
as an index of meatiness of swine carcasses 083446
level in diet of performance & carcass traits 084564
Gain, feed conversion & carcass traits of sw- 084580
Carcass value of fattened bullocks of Bohem- 083495
from easily obtainable carcass variables. 083459
slaughter on live weight & carcass yield. 084693

CARCINOGENS

formation in a model system. [Carcinogens] 083466

CARDIAC

Surgical technique for cardiac bio-instrumen- 085021
Cardiopulmonary bypass techniques in dogs: 085051
Anatomy & histology of corpora cardiaca in 090428
Principles of cardiopulmonary medicine. [H- 085148
of cardiac, fast & slow muscles of chick duri- 084128

CARDING

with reference to progress in cotton carding 083619

CARDIOVASCULAR

stress on cardiovascular performance in chr- 085033

CAREERS

SEE OCCUPATIONS

CAREX

crop of two montane sedges. [Carex, Carex 086645
of carices of Virginia. [Carex, cymophyllus] 086570
resumption of activity of Carex pachystylis 087288

CARNATIONS

control of Fusarium wilt in carnation. [Dian- 088981
Carnation necrotic flick virus. 089364

CARNITINE

Carnitine contents of meat & organs of slau- 083399
Some aspects of carnitine metabolism in av- 087967

CARNIVORA

a parasite of West African forest carnivores 090264
a parasite of West African forest carnivores 090981
a parasite of West African forest carnivores 090982

CAROTENE

Arka Chandan, carotene-rich pumpkin. 088773
of metabolism of carotene & seasonal dynam- 084360

CAROTENOIDS

of water in transformation of carotenoids. [087196
of carotenoids under aerobic & anaerobic co- 087921
Identification of carotenoids from Arnica m- 087553
transfer from carotenoids to chlorophyll a in 087473
Effect of auxin on carotenoid content in sus- 087738
Carotenoids of Eriobotyra japonica. [Loquats 088147
enzymes in normal & carotenoid mutant ma- 087690
of carotenoids with some organophosphorus 089821
Biosynthesis of carotenoids by Phycomyces 087511
biosynthesis of carotenoids by Phycomyces 087512
for estimation of total carotenoid pigments 083787

CAROTID

Surgical preparation of a carotid loop in can- 085015

CARP

SEE FISH

CARPEL

Remarks on genuine carpel edge. 086801

CARPINUS

SEE CORYLACEAE

CARPOPHILUS

sensitivity of corn sap beetle, Carpophilus d- 090184

CARROTS

texture profile of irradiated carrots, beets & 083800
Characteristics of carrot carbohydrates & th- 083767
of Paratylenchus sp. On carrots & celery. 089527
trials with cabbage following carrots. 091886
plastic to cotton, onions & carrots in High 092065
Nematode fauna of carrots & onions. 089578
ammonia-lyase activity in carrot roots. 088156

CARTILAGE

Control of muscle & cartilage development 084249
Multiple cartilaginous exostoses in a cat. 085755

CARUM

SEE UMBELLIFERAE

CARYOPHYLLACEAE

wilt in carnation. [Dianthus caryophyllus]. 088981
Family of Caryophyllaceae in flora of Centr- 086338

CARYOPTERIS

SEE VERBENACEAE

CASEIN

of histidine modification of kappa-casein. 083312
of rats fed different quantities of casein. 084720
adsorption of benzene vapor by dried casein 083303
with hydrogen peroxide. [Casein, fish meal] 083151
between beta-casein & halloysite. 083359
Turbidity of lactic casein whey. 083354
Casein micelle structure: susceptibility of va- 084227
of alphas betaand kappa-caseins from milk. 083322
digestibility of casein & pancreatic juice pro- 084660
of degradation products of caseins in various 083328

CASHEW

SEE NUTS

CASINGS

in processing of sheep & lamb casings. II. 083476
Experience with fiberglass tubewell casing. 091368

CASSIA

in callus cultures from Cassia angustifolia. 087493
alcohols from leaves of Cassia auriculata. 087559
of powdery mildew of Cassia occidentalis in 089224
effect in leguminous weeds. [Cassia tora, Cr- 087401

CASTANEA

fruiting of chestnut plant. [Castanea]. 088099
on bud grafting of chestnut. 5. [Castanea]. 088562
Fagus sylvatica & sweet chestnut Castanea 086052
of phenologie studies on Castanea sativa Mi- 085855
of phenologie studies on Castanea sativa Mi- 088294
Pardosa lugubris & Steatoda castanea (Arac- 090854
Light responses of Tribolium castaneum & 090202
generations of Tribolium castaneum (Herbst 090204
Light responses of Tribolium castaneum & 090726
pupation. [Tribolium castaneum, Tribolium 090771
generations of Tribolium castaneum (Herbst 091271

CASTORBEANS

reticulum of castorbean endosperm. 087548

CASTRATION

Functional castration of female Japanese qu- 084897

CATABOLISM

catabolism & incorporation into DNA of An- 087571
amino acid content, & catabolic products of 084234

CATALASES

Effect of copper ions on catalase activity of 087296
Effect of isolation on catalase activity of Si- 087299
Isozyme pattern of catalases in developing 087084
regulatory scheme for catalase in early mai- 087794

CATALYSIS

of a beta-(1-4)-D-galactan chain catalysed by 087963
ions on base-catalyzed dehydrochlorination 086207
Thermal & base-catalyzed hydrolysis produc- 089105
of peroxidase as a lipid oxidation catalyst. 083131
molecular & catalytic properties of pyruvate 087686

CATCHMENT

forecasting model for Altaler catchment. [H- 092258
measurement in small catchment areas, 195 092106
with restructuring of an irrigation catchment 091250

CATECHINS

Catechin-dimers in oak bark (Quercus robur 088246
Catechin-dimers contained in oak bark. IV. 088247
Effect of catechin on growth of mazzand ch- 088230
Chromatogram pattern of tea catechins on 083161

CATECHOLAMINES

catecholamines in central nervous system & 090710
Catecholamines & morphogenesis of chick n- 084044

CATECHOLS

Oxidation of catechol in plants. IV. Purifica- 087417

CATECHU

of samples in arecanut palm. [Areca catechu 088106

CATERPILLARS

ni, & of two associated caterpillar species on 090012
Western tent caterpillar: contact toxicity of 090126

CATHETER

Use of chronic catheterization techniques in 085067

CATIONS

in soils in relation to other cations. 091623
Separate auxinand cation-dependent mechan- 087862
of auxin & some cations on decomposition of 087739
Release of divalent cations from kankar [ca- 091633
Cation exchange system of soil. 091621
Humus content & cation exchange capacity 091702
Inorganic cations in Allium cepa roots. Intr- 086812
Total cations in size-fractions of some Briti- 091647
Cation uptake by excised barley roots from 087660

CATOPIDAE

America (Coleoptera; Leiodidae: Catopinae), 090975

CATS

chemical findings of blood in Felidae. [Cats] 084081
response to 2,3-diphosphoglycerate. [Cats]. 084127
in early postnatal ontogenisis of cats. 084256
Devocalizing dogs & cats. 085041
Selective arteriography in cat. 085047
of Eunarcon in rearing foxes, dogs & cats. [085114
Foreign travel with dogs & cats. [Veterinary 085124

with predictable emetic properties in **cat.** 085168
Association of toxoplasmosis & **cats.** 085199
of ectoand endoparasites of dogs & **cats.** 085415
against rabies. I. Vaccination of dogs & **cats** 085500
Acquired heart disease in **cat.** 085606
of solid tumors & leukemias of dog & **cat.** 085625
Narcolepsy in a dog & a **cat.** 085636
of respiratory diseases in dog & **cat.** 085735
Multiple cartilaginous exostoses in a **cat.** 085755
rare type of pelvic fracture in a dog & a **cat** 085805
Cats as **catchers** of butterflies, an old cheerf- 089765
trends in small animal nutrition. [**Dogs, cats**] 084714
General principles of biopsy. [**Dogs, cats**]. 085014
of specific organs & tissues. [**Dogs, cats**]. 085016
from natural body orifices. [**Dogs, cats**]. 085017
Radiology of thorax. [**Dogs, cats**]. 085026
Diaphragmatic hernias. [Surgery, **dogs, cats**] 085029
Disc disease. [Surgery, **dogs, cats**]. 085032
sterilization operation. [**dogs, cats**]. 085087
Diseases of retina & choroid. [**Dogs, cats**]. 085618
Ocular therapeutics. [**Dogs, cats**]. 085619
Salivary cysts (mucoceles). [**Dogs, cats**]. 085629
Neoplasms of skin. [**Dogs, cats**]. 085631
Primary mammary tumors of **cats & dogs** e- 085643
Horner's syndrome in a **cat following** cervic- 085749
Changes in muscle tone of **cat's forelimbs** d- 084324
its transmission. [Toxoplasma **gondii, cats**]. 085221
in animal biometeorology. [**Horses, cats**]. 084200

CATTLE

Livestock cooperatives. [**Cattle**]. 081947
What trials in loose housing show. [**Cattle**]. 083972
milk producton in tropical countries. [**Cattle**] 084019
triazole with lactoperoxidase. [**Cattle**]. 084054
bovi ne striated muscle collagen. [**Cattle**]. 084095
corneum in Nigerian breeds of **cattle.** 084114
Energy cost of activity in **cattle.** 084145
from blood into milk & colostrum. [**Cattle**]. 084171
of rumen & milk production. [**Cattle**]. 084291
blood glucose, urea & albumin levels. [**Cattle**] 084353
during feeding of some categories of **cattle.** 084395
livestock nutrition (especially in **cattle**). 084396
for conventional dairy concentrates. [**Cattle**] 084423
rations for fattening Holstein bulls & **steers** 084492
basis of energy & protein provision of **cattle** 084512
New news on feeding. [**Cattle**]. 084522
tests show need for potassium. [**Cattle**]. 084523
on milk output & weight gain of **cattle.** [Fe- 084539
on nutritive value of pulse chunies. [**Cattle**] 084547
Urea for grazing sheep & **cattle.** [Dietary s- 084695
blood glucose, urea & albumin levels. [**Cattle**] 084719
on calcium, phosphorus & fertility in **cattle** 084783
a possible return to ignored breeds. [**Cattle**] 084812
bred grades of Friesian & Sahiwal. [**Cattle**] 084827
on first insemination result of **cattle.** 084905
Fertility in **cattle.** 084939
in breeding German Black Pied [**cattle**]. 084941
Bantengs--a new source of genes. [**Cattle**]. 084946
Birth weight of Black-and-White (**Friesian**) 084957
of local breeds in Ukraine. [**Cattle**]. 084967
A new shackle for **cattle.** 085076
Dehorning of **cattle.** 085141
care principles in reproduction of **cattle.** 085174
of causes of their rise in **cattle.** 085176
Salmonellosis: An important disease of **cattle.** 085196
indirect fluorescent antibody test. [**Cattle**]. 085223
Dessau" special PPD tuberculin. II. [**Cattle** 085233
disease carrier virus type A from **cattle.** 085323
from blood into milk & colostrum. [**Cattle**]. 085346
verrucosum Bodin, 1902 infection in **cattle** 085373
Mycoplasma mycoides var. mycoides. [**Cattle**] 085375
Non-specific postpartum endometritis. [**catt-e**] 085384
Yersinia enterocolitica serotype IX in **cattle** 085397
radiatum grown in vivo & in vitro. [**Cattle**] 085399
its probable transmission from **cattle.** 085407
digesting organs caused by viruses in **cattle.** 085414
complicating bronchopneumonia in **cattle.** 085433
virus diseases of respiratory organs in **cattle** 085436
On results of studying leukosis in **cattle.** 085443
for Anaplasma infections. [**Cattle**]. 085453
in relation to Vibrio disease in **cattle.** 085459
well as infectious rhinotracheitis of **cattle.** 085518
Casuistics of mucosal disease. [**Cattle**]. 085520
Helminthology; parasitic deseases of **cattle.** 085533
in control of fascioliasis of **cattle.** [Fasciola 085557
against roundworms of shhep & **cattle.** 085569
in an Aberdeen Angus herd. [**Cattle**]. 085692
Shipping fever. [**Cattle**]. 085697
problem of grass tetany on increase. [**Cattle** 085698
lesion of sole (ulceration of sole) in **cattle.** 085708
Some inherited diseases in **cattle.** 085741
Results of German experiments. [**Cattle**]. 085779
Fresh-water algae of New **Jersey.** I. Cyano- 086609
gypsy moth defoliations in New **Jersey.** [Qu- 090127
Control profit-stealing horn flies. [**Cattle**]. 090225
wildebeest (Connochaetes taurinus) to **cattle** 090297
Barns exposed to sun. [**Cattle**]. 091266
hays prepared in Himachal Pradesh. [**Cattle** 084546
lactation & traits of progeny in **cattle.** 084842
capilary tube agglutination test. [**Cattle**]. 085595
a means for determining **cattle adaptation** s- 084313
development of **steers** with **advancement** of 084159
for brucellosis in a heard of **cattle affected** in 085305
excretion of young female **cattle afte** r admi- 084889
inherited resistance of **cattle against** infecti- 090285
of meat from Brown **Alpine cattle.** I. Weight 084879
studies on blood of **anaemic cattle:** efficacy 085781
reciprocally crossed **Angus, Hereford** & Cha- 084832
cerebellar hypoplasia in an **Aberdeen Angus** 085692
of nutrient slurry to feedlot **cattle another** 084716
irritans, musca **autumnalis, cattle,** pests]. 090248
Making & using a **cattle backrubber.** 083940
New South Wales **beef cattle** industry: a su- 082206
Raising & fattening of **beef cattle.** 9. 083923
Beef cattle feedlot management in United S- 083925
Pasture programs for replacement **beef heifer.** 083969
Management & problem of **beef cattle** ranch- 083971
way, says coastal researchers. [**Beef cattle**] 083973
Beef cattle & meat industry of North Rhine 083996
heat periods could make **beef heifer** product- 084144
carcass characters of **beef cattle** during fatt- 084159
Carcass development in **beef cattle** subsequ- 084215
related metabolic imbalance in **beef cattle.** 084335
metabolisn in rumen of growing **beef cattle.** 084387
Biological value of proteins for **beef cattle.** 084402
carcass characters of **beef cattle** during fatt- 084533
Pasture programs for replacement **beef heifer.** 084624
Feeding gin trash to **beef cattle.** 084647
Selecting **beef cattle** for marketing. 084744
analysis of reproductive traits in **beef cattle** 084831
Who is a breeder. [**Beef cattle**]. 084881
by design, not chance. [**Beef cattle**]. 084882
Characters for **beef cattle** selection. 084895
Seasonal movement of **beef cattle** prices by 082428
Cattle biting louse: evaluation of compounds 090250
in sera of cows & **heifers** of **Black** & Hwite 084288
Save your **cattle** from **bloody** protozoa. [Pa- 085348
Decays of New **Jersey blueberries** in market- 089226
selection program for Limousin **cattle breed** 084906
Selection stations for Limousin **cattle breed** 084907
Reminder to Holstein-**Friesian breeder.** 084788
conception rates. [**Cattle, breeding**]. 084822
history & basic problems. [**Cattle breeding**] 084858
Results & trends in **cattle breeding.** 084877
Effect of **heifer-breeding** system on their re- 084911
research 1968-1970. [**Cattle, breeding**]. 084975
Results as to **Brown cattle** grading on selec- 084914
applied in serodiagnosis of **cattle brucellosis** 085480
of brucellosis among **cattle & buffaloes** in H- 085370
studies in indigestions in **cattle & buffaloes.** 085680
Behaviour of **steers & bulls** in feedlot. 084149
in rations for fattening **Holstein bulls** & ste- 084492
United States--**Canadian Holstein**-Friesian 084884
Lymphadenitis in Danish **cattle caused** by a 085471
crossed Angus, Hereford & **Charolais steers** 084832
analysis in genetics. [**Coconuts, cattle**]. 084860
Costliest cattle losses in Texas' history. 082222
to 5 years in case of early **covered heifers.** 084382
case of atrial fibrillation in a **Holstein cow.** 085661
erythrocytes in Holstein-**Friesian cows.** 084067
separation pattern of Israeli-**Friesian cows** as 084585
influence on herd life of **Holstein cows.** 084852
loss on composition of **Brahman cross** & Afr- 084204
Cooperative enterprise form in **dairy cattle** 082184
efficiency in mechanization of **dairy cattle** f- 082264
on close of time contracts for **dairy cattle** & 082478
Intensification of **dairy cattle** industry on st- 082666
loose-housing stables for **dairy cattle.** 083980
with common problems of **dairy cattle.** 1. 083986
search for standards for **dairy cattle.** 1. 083987
Cooperative enterprise form in **dairy cattle** 084002
to coincidence of drying up. [**Dairy cattle**]. 084015
Effects of non-genetic factors on **dairy cattle** 084133
*** 084135
zinc & plasma corticoids in **dairy cattle.** 084232
A feeding program for summer. [**Dairy cattle**] 084393
energy constituents in diet of **dairy cattle** at 084428
Problems of feeding **dairy cattle** in intensive 084513
framework of total ration in **dairy cattle.** 084514
Transition to green forage. [**Dairy cattle**]. 084525
Essentials of feeding **dairy cattle.** 084675
of Zebu-European crossbred **dairy cattle.** 084824
Klebsiella organisms. [Mastitis, **dairy cattle** 085209
Control of **dairy cattle** & protection against 085379
Preventing milk fever in **dairy cattle.** 085645
Nasal granuloma in **dairy cattle** : Distributi- 085647
Cystic ovarian disease in **dairy cattle.** 085712
Ketosis in **dairy cattle** as related to manag- 085713
of pasture. [Management, **dairy cattle**]. 088496
age adjustment of milk yields. [**Dairy cattle** 084244
Lymphadenitis in **Danish cattle** caused by a 085471
test used as a means for **determining cattle** 084313
Cattle development in Andhra Pradesh. 083978
pathogenic mycobacteria in **diagnosing cattle** 085454
Cattle diet on Ankole rangeland at different 084708
of early covering of **heifers** on **difficulty** of 084383
electrodes into hypophysis of **cattle** & **effect** 084178
preparations in **cattle** & their **effect** on acet- 085239
cyst formation in **cattle** after **estrogen** dosa- 085732
enterprise form in dairy **cattle farming.** 082184
reference to technical aspects. [**Cattle, farms** 082095
in mechanization of dairy **cattle farms** in R- 082264
Problems of hygiene on **cattle farms.** 091677
energy in rations for **fattening Holstein** bulls 084492
rational feeding of dairy & **fattening cattle.** 084515
rations containing urea for **fattening cattle.** 084691
Eating quality of beef from **steers fed** moist- 082725
performance of bulls & **heifers fed** purified 084571
pulping waste shows potential as **cattle feed** 084531
feeding, selling: how small **cattle feeders** are 082174
management practices of Texas **cattle feedi-g** 082299
by means of urea in **feeding cattle.** 084527
of net energy systems. [**Cattle, feeding**]. 084575
antibiotic residues in meat. [**Cattle, feeding**] 082757
of products: Fosfarsol plus. [**Cattle, feedings** 084449
Beef **cattle feedlot** management in United S- 083925
evaluating protein nutrition of **feedlot cattle** 084412
ammonium sulfate in **cattle feedlot** finishing 084563
feeding of nutrient slurry to **feedlot cattle** a- 084716
theory & application. [**Feedlots, cattle**]. 084574
centrifuge underflow as a **cattle feedstuff.** 084529
oestrogen excretion of young **female cattle** a- 084889
grains for growing & **finishing cattle.** 084573
New species of **cattle fly** from Denmark (D- 090963
A preview of New **Jersey's forest** resource. 085984
plasma & erythrocytes in **Holstein-Friesian** 084067
productive performance of **Friesian steers.** 084444
Reminder to **Holstein-Friesian** breeder. 084788
United States--Canadian **Holstein-Friesian** 084884
Actual results of use of **Holstein Friesians** in 084941
defect: biopsy study of twin **cattle furnishes** 083393
Control of **cattle gadfly** & external parasites 090267
Harvey Valley ... Range health, **cattle gains,** 084713
Salmonella infection in **German cattle** for sl- 085287
Results as to Brown **cattle grading** on selec- 084914
Diets & performance of **steers grazing** three 084476
of grass legume mixture for **grazing cattle** in 084723
in isoenergenetic diets for **growing heifers.** 084461
Control of **cattle grubs.** [Hypoderma lineat- 090228
Control of **cattle grubs** in horses. [Hypoder- 090288
income over feed cost in **Guernsey, Holstein** 082247
poultry by feeds destined for **cattle & health** 082700
at Harvey Valley ... Range **health, cattle** ga- 084713
practice. [Veterinary medicine **cattle health** 085150
at Harvey Valley ... Range **health, cattle** ga- 088537
cost in Guernsey, Holstein, & **Jersey herds.** 082247
Haemoglobin-C in Kumaoni-**Hill cattle.** 084199
income over feed cost in **Guernsey, Holstein** 082247
Reminder to **Holstein-Friesian** breeder. 084788
United States--Canadian **Holstein-Friesian** 084884
Actual results of use of **Holstein Friesians** in 084941
in litterless stanchionless **cattle houses** under 091304
Hot irons. [**Cattle, identification**]. 083928
supperssion of heat in **cattle** with **implants** 084767
Improving cattle production: future role of 084936
New South Wales beef **cattle industry:** a su- 082206
Intensification of dairy **cattle industry** on st- 082666
Attempts to **infect cattle** with bovine ephem- 085256
fluorescent antibody test. [**Cattle, infections** 085596
Spp. in meibomian glands of **Irish cattle.** 090289
separation pattern of **Israeli-Friesian** cows as 084585
Community utilization by **cattle & kangaroos** 084711
A comparison of buffalo & **cattle keeping** in 084005
requirement of **Kinsella Hereford** & Hybrid- 084505
Nutrition of **cattle** in **large**-scale farming co- 084724
Spread of **cattle leukosis** according to data 085460
selection program for **Limousin cattle** breed 084906
Selection stations for **Limousin cattle** breed 084907
Costliest **cattle losses** in Texas' history. 082222
Red Danish, & of Black Pied **Lowland cattle.** 083495
copper content of **cattle** in **Macedonia** & Th- 084157
findings in **cattle** with **macroscopical** post m- 085667
czechoslovakia. [Fascioloides **magna, cattle**] 085555
Fascioliasis in **cattle** in **Malawi:** therapy wi- 085528
disorders of udder. [**Mastitis, cattle**]. 083330
engine practice. [Veterinary **medicine cattle** 085150
Cattle mortality by strangulation in various 085795
Tanzania's **cattle must** not grow thin for lack 083952
Oligoelements. [Animal **nutrition, cattle**]. 084480
parasitic gastro-enteritis of **cattle** in **Orissa.** 085333
genetic factors on dairy **cattle performance** 084133
084135
irritans, musca autumnalis, **cattle, pests**]. 090248
preparations in **cattle, pigs** & sheep, with sp- 085239
Cattle policy: procession broke down!. 082640
Seasonal movement of beef **cattle prices** by 082428
in development of **cattle production** applied 083976
periods could make beef **heifer production** 084144
Improving **cattle production:** future role of 084936
in development of **cattle production** applied 091282
major story. [Haemaphysalia **punctata, catt-e**] 090283
Death of **cattle** with **pyogenous** mastitis after 085325
methods for transportation of **cattle** by **rail.** 082363
Inter-farm specialization in **cattle raising** in- 082191
Cattle raising & environment. 083930
problem of beef **cattle ranching** in Zaire. 083971
Cattle rearing in Great Britain. 083992
Role of salmonellosis for **cattle reproduction** 084888
of feeding & husbandry of **cattle** in **Sahel** z- 084006
of cross-bred grades of **Friesian & Sahiwal.** 084827
of "Zungenwurst" in **Schleswig-Holstein.** [S- 083398
Characters for beef **cattle selection.** 084895
A new life in highlands? [**Sheep, cattle**]. 083931
through certain studies. [**Sheep, cattle**]. 084008
quality roughage rations for **cattle & sheep.** 084597
Cattle, sheep perform well on urea supplem- 084677

for immunoglobulins of **cattle & sheep.** 085502
of mercury in tissues of **cattle & sheep** given 090344
of hide of Yakut & **Simmental cattle** & their 084318
growth of production of **slaughter cattle** on 082626
carcass composition of **steers slaughtered** in 083456
Buying, feeding, selling: how **small cattle** fe- 082174
hindrances in litterless **stanchionless cattle** 091304
productive performance of **Friesian steers.** 084444
forage systems for growing **stocker steers.** 084623
development in beef **cattle subsequent** to int- 084215
develop husbandry? [Poultry, **swine, cattle**] 083939
of blood serum proteins in **cattle & swine** by 084336
to detect antibiotic residues. [**Swine, cattle**] 084364
Incidence in Iowa. [**Cattle, swine**]. 085386
Cysticercosis in **cattle & swine** slaughtered 085551
with single crossing of Brown **Swiss cattle** in 084926
rates of Bos indicus & Bos **taurus cattle** in 084780
management practices of **Texas cattle** feedi- 082299
acting of some fluids of sexual **tract cattle &** 084345
based on use of **triphenyltetrazoliumchloride** 084346
Varieties & traits of **tropical cattle** Zebu. 2 084763
in diagnosing **cattle tuberculosis.** 085454
fiber hide defect: biopsy study of **twin cattle** 083393
animals against rabies. II. **Cattle vaccination.** 085501
walls of arteries & veins in **cattle** of **various** 084031
supplements on growth of **weaner cattle** on 084439
as a marketing tool for **Western cattle** feede- 082332
morantel/diethylcarbamazine in **yarded catt-e.** 085570
different moisture levels to **yearling steers.** 084493
Whole versus rolled oats for **yearling steers** 084650
How does one produce **young cattle** in Fran- 083991
measures of size & shape in **young Hereford** 084213
with Chiana & Chiana X **Friesian young** bul- 084405
Ails-cures of **young cattle:** heavy pros & cons 085421
Respiratory diseases of **young cattle.** 085489
On respiratory affection in **young cattle** dur- 085549
of white muscle disease in **young cattle.** 085743
two exotic breeds of **cattle** in New **Zealand** 084954
Varieties & traits of tropical **Zebu cattle.** 1 083920
intake of dry matter by African **Zebu cattle.** 084567
Varieties & traits of tropical **cattle Zebu.** 2 084763
of age of female on fertility of **Zebu cattle.** 084944

CATTLEYA

Three "faces" of **Cattleya** "juanita Wong. 086711

CAUDAL

in rumen protozoon **Entodinium caudatum.** 084089

CAULIFLOWERS

Nitrogen & phosphorus needs of **cauliflower** 088028
Control of **cauliflower & cabbage** borer. [He- 090076
Machinery system for **cauliflower production-** 091346

CAUSTIC

for pulp brightness & **caustic solubility.** 086258
Caustic sorption in cotton fibers as affected 083674

CAVES

of Bathysciinae **(cavernicolous Coleoptera).** 090414
during elimination of **cave-in damages** of irr- 091254
Cavernicolous fauna of Hawaiian lava tubes, 091019
Cavernicolous fauna of Hawaiian lava tubes, 091020
with emphasis on **cave-inhabiting** species. 090975
Two new **cave spiders** from Okinawa Island, 090863

CAVITIES

poinar & thomas penetrate into **body cavity** 090411
Neoplasms of **nasal cavity.** [Surgery, dogs]. 085039
Importance of lavage of **uterus cavity** in gy- 085175

CECIDOMYIIDAE

blossom midges (Diptera; **Cecidomyidae).** 089974
of Wachtliella persicariae **(Cecidomyiidae).** 090600
Winnertz 1846 (Ciptera: **Cecidomyiidae).** 090851
arthropod galls. **[Aphididae, Cecidomyiidae,** 089817
equestris Wagner, **Deptera, Cecidomyiidae)** 089939
aphidimyza (Rond.) **(Diptera, Cecidomyidae** 090100
mugo subsp. mughus **(Diptera, Cecidomyiidae)** 090103
abietis Hub. **(Cecidomyidae, Diptera).** II. R- 090171
mugo subsp. mughus **(Diptera, Cecidomyiidae)** 090431

CECROPIA

Oogenesis in **Hyalophora cecropia.** 090591
Cecropia moth oocyte. **[Hyalophora cecropia]** 090592
transport, & storage. **[Hyalophora cecropia]** 090593
of cecropia moth. **[Hyalophora cecropia].** 090655
total synthesis of **Cecropia juvenile** hormon- 087215
metabolism of **Cecropia juvenile** hormone. 090688

CECUM

Avian caeca; a review. [Domestic fowl]. 084363
against induced caecal coccidiosis in chicks. 085372

CEDARS

Interrelations of **cedar & deciduous** trees in 086622
Siberian **pine, cedar** of Siberia. [Pinus]. 086084
Cedar plantation of La Verne-Ragusse in M- 086057

CEDRUS

Ragusse in Massif des Maures. **[Cedrus].** 086057
process of crop formation. **[Cedrus, ecology]** 086622

CELASTRACEAE

to herbacious plants. **[Euonymus europaea,** 089335
of Ryukyu & Formosa. 10. **[Celastrus glaber** 086467
triterpenes of leaves of **Euonymus latifolius** 087533

CELERIO

in pupae of moth, **Celerio eurhobiae.** 090713

CELERY

Utilization of **celery.** 083711
of Paratylenchus sp. On carrots & **celery.** 089527
Cultivation of **celery** at **cost.** 088783
Lettuce & **stalk celery.** [Cultivation]. 088839
apiicola] leafspot of **celery** with **systemic &** 089212

CELLS

basis of life cycle & age distribution of **cells** 087377
mitochondrial types in an **absorptive cell &** 090715
Nuclear volume **& cellular activity** of gonad- 084349
of A.C.T.H. **cells** in **adenohypophysis** of rab- 084064
Studies on **cell adherence** reaction with Dic- 085571
Basal lamina of white fat **adipose cell** & its 084021
of hydrolase synthesis in **aleurone cells** of b- 087682
respiration intensity of **unicellular alga** Sce- 087295
to obtain pure cultures of **unicellular algae.** 087595
number of **cells** during **androgenetic** & zygot- 086694
in cultured vertebrate & **arthropod cells** & in 085585
Efficacy of cellfree & **cell-associated** herpesv- 085201
a new wall layer in vessel **associated cells** of 086813
nuclear") fraction of **cells** of **Azotobacter** vi- 091672
Contribution to study of red **blood cells** pict- 084343
Phenol oxidase in **blood cells** of millipedes. 090689
Polarized **intercellular bridges** in ovarian fol- 090655
Cell budding & fission in microspores of Pe- 087109
gall & normal grape stem single **cell clones** 090050
during photosynthesis with **cotton cells.** 087847
Dispersed **cell culture** of bovine pars interm- 084143
of a vaccine produced in tissue **cell culture** 085431
Paul's Scarlet" rose suspension **culture cells** 086809
cultures of Digitalis purpurea **cultured cells** 087510
in chicken embryo kidney **cell cultures.** 085273
chemotherapeutic compounds in **cell cultures** 085330
biosynthesis in Ruta graveolens **cell cultures** 087513
biosynthesis in soybean **cell cultures.** 087852
Chronological changes in **cell cycle** of chick 084251
ultraviolet & visible radiations on **cell cycle** 086708
An analysis of mitotic **cell cycle** in root mer- 087879
cytological changes during **cell death** in larv- 090711
Survival & function of bursa-**derived cells** in 084122
Culture of tissues & **cells & developmental** b- 087400
Vacuole formation in self **differentiating cells.** 087460
Cellular differentiation of cambium in Pinac- 086723
In vitro **cell differentiation** in testes of Dro- 090509
Marek's disease virus **directed intracellular** 085245
aggregates of irradiated imaginal **disk cells** 090839
Dispersed cell culture of bovine pars interm- 084143
Concentration & **subcellular distribution** of i- 084029
in sheep on rate of **cell division** & nucleic ac- 084205
Inhibition of **cell division** by blue light. [Lil- 088026
Cytoplasmic architecture of **egg cell** of Smit- 090838
in vitro cultivation of **cells** of **Elaeis** guineen- 087463
Semliki Forest virus-chick **embryo cell** inter- 085394
of Drosophila melanogaster **embryonic cells** 090768
extend concept of **enterochromaffine cellular** 087204
histone proteins in avian **erythroid cells.** 084121
proplastids from dark-grown **euglena cells.** 087543
acid synthesis during **cell expansion** phase of 087541
hydroxylase activity in **cell extracts** of blud- 087450
activity of peritoneal **exudate cells** from mice 085392
in infected human **fibroblast cells.** 085574
Tolerance to anoxia of **cell fine** organization 087742
on ultrastructure of suberin-**forming** cells fr- 086830
cowpea mosaic virus in **subcellular fractions** 089416
of Co2 [Carbon dioxide] fixation by **cell-free** 086805
Biosynthesis of ent-kaurene in **cell-free** extr- 088145
mosaic viral ribonucleic acid in a **cell-free** s- 089353
determination of DNA content in **germ cell** 084182
Drosophila melanogaster male **germ cells** wi- 090742
Giant cell pneumonia in buffalo calves (Bub- 085526
cellular activity of **gonadotropic cells** of ade- 084349
biosynthesis in Ruta **graveolens cell** cultures 087513
C [carbon] by soybean root **cells grown** in s- 087710
acid transport in chick embryo **heart cells.** 084096
induced cytolysis of alary **hypodermal cells** 090638
Immunocompetent cells in chicken. I. Syne- 085318
of AKR mouse sarcoma **cells induced** by Ro- 085241
nuclear inclusions in leaf **cells infected** with 086737
mycotoxin, beauvericine, on **cells** of **insects** 090421
Forest virus-chick embryo **cell interactions.** 085394
viruses in chi cken **kidney cells.** 085202
virus in chicken embryo **kidney cell** cultures 085273
nuclear inclusions in **leaf cells** infected with 086737
Metabolism of separated **leaf cells.** III. Effe- 087847
nuclear inclusions in **leaf cells** infected with 089338
Effect of ozone on **leaf cell** membranes. [To- 089455
of Aedes albopictus mosquito **cell line** to so- 090439
cultured in a Culex pipiens **cell line.** 090720
characterization of **intracellular lipid** drople- 084238
Allium cepa roots. **Intracellular localizations.** 086812
Subcellular location of superoxide dismutase 088025
Cell & lorica fine structure of chrysomonad 086714
content of protein nitrogen in **cells** of **maize** 087745
secretion of lipids in **cells** of **mammals.** 084331
cells & either bursa or bone **marrow cells** in 085318
of protein synthesis in **meiotic cells** & its ef- 086768
Action of phleomycin on **meiotic cells.** [Lili- 086968
precursors. II. Effects on post-**meiotic cells** 090742
Helminthosporium maydis on **cell membrane** 089138
Effect of ozone on leaf **cell membranes.** [To- 089455
Structure of **cells** of **mesophyll** & parenchy- 086725
An analysis of **mitotic cell** cycle in root mer- 087879
of Aedes albopictus **mosquito cell** line to so- 090439
in cell cycle of chick **neuroepithelial cells.** 084251
of DNA content in germ **cell nuclei** of fema- 084182
enhanced nucleolar activity in **nurse cells** of 090594
Nucleic acid synthesis in **nurse cells** of Rhy- 090595
of nucleolus of ovarian **nurse cell** of Drosop- 090599
acid phosphomonoesterase) in **nutrient cells** 090102
Chromosome pairing in **oogonial cells** of Dr- 090623
bodies in phloem **parenchyma cells** of aster 089375
to study of red blood **cells picture** & erythr- 084343
Cell picture of cerebro-spinal fluid in normal 084376
rarefaciens cultured in a Culex **pipiens cell** l- 090720
of cytoplasmic streaming in a **plant cell.** [Ni- 087290
Isolation of **plant cell** wall preparations with 087769
Giant **cell pneumonia** in buffalo calves (Bub- 085526
Polarized intercellular bridges in ovarian fol- 090655
polar granules" in segregation of **pole cells** 090602
value for growing pigs of single **cell protein** 084389
Mucosal morphology **& cellular renewal** in 085404
Regulation of **cell reproduction** in bud meris- 087339
alanine-14C [carbon] by soybean **root cells** 087710
properties of AKR mouse **sarcoma cells** ind- 085241
Ultrastructure of **Sertoli cell** & its defferent- 084211
mesophyll protoplasts & bundle **sheath cells** 086804
value for growing pigs of **single cell** protein 084389
gall & normal grape stem **single cell** clones 090050
Don) in Ise Shrine. 3. Analysis for **cell-size** 086796
of developmental stages of **cellular slime** mo- 087108
binding protein from th e **cellular slime** mou- 087257
cyclic 3',5'-monophosphate in **cellular slime** 087271
Basic nuclear proteins of **cellular slime** mold 087342
mature sorocarps of **cellular sline** mold, Dic- 087353
study of an automated optical **somatic cell** c- 083249
of arginine biosynthesis in **soybean cell** cult- 087852
Use of bovine fetus **spleen cells** for isolation 085248
nuclear DNA of epidermic **& stomatic cells** 086696
study of development of **cell surface** & num- 086694
biotransformations in **cell suspension** cultur- 087446
alizarin in intact plants **& cell suspension** cu- 087514
metabolism in **cell suspension** cultures from 087971
of protoplasts from **cell suspension** cultures 088177
o-glucosyltransferase from **cell suspension** c- 087975
content of embryo proper **& suspensor cells** 086746
concept of enterochromaffine **cellular system** 087204
by normal & crown-gall **teratoma cells** of to- 087862
chicken. I. Synergism between **thymus cells** 085318
BUdR) in Zea mays L. root **tip cells.** [Corn 087051
means of a vaccine produced in **tissue cell** c- 085431
Analysis on reproducing **& cell-transforming** 085581
Cytophotometric study of **cell types** of an a- 086696
In **vitro cell** differentiation in testes of Dro- 090509
tongue form blocks surrounded by **cell wall** 086042
Studies on **cell wall** polysaccharides of Pinus 086247
Cell wall structures of Epicíccum nigrum (086736
Chemical heterogeneity of **cell wall** polysac- 087569
Isolation of plant **cell wall** preparations with 087769
Cell wall thickness during growth of domest- 087931
Compositional studies on **cell walls** of synn- 087340
Chemical composition of **cell walls** of Lolium 087824
Polysaccharide changes in **cell walls** of ripe- 088137
Histochemical changes of **cell walls** of lettu- 089328

CELLULASES

Interrelation between **cellulase activity** & h- 091782
On study of **cellulase complex** in soils. 091731

CELLULOLYTIC

soil microorganisms & **cellulolytic activity.** 089617
of pectolytic & **cellulolytic enzymes** by Cer- 089180
activity of pectic & **cellulolytic enzymes** of 089291
bentonite on growth of **cellulolytic fungi.** 091716

CELLULOSE

source of structural information on **cellulose** 083671
vibrations of large molecules. **[Cellulose].** 086102
field of supramolecular structure of **cellulose** 086115
Direct recrystallization of **cellulose.** 086199
Cellulose acetate (CAF) electrophoresis of s- 084063
Use of thiolated **aminoethyl cellulose** to re- 082822
melanogaster] [RNA] on **BD-cellulose.** 090501
in mature rats fed a **cellulose bulking** agent. 082944
stabilized with **carboxymethyl cellulose.** 083311
polymers derived from **cellulose & chitin.** I. 086119
Rates of **cellulose decomposition** during co- 091829
properties of some **cellulose ethers.** [Cotton 083673
Wettability of **cellulose film** as affected by 086100
behaviour of low-yield **grafted cellulose.** 086117
Processing of **cellulosic materials.** 2. Proces- 084548
for preparation of **microcrystalline cellulose** 083659
On degradation of **cellulose** in **oxygen-bleac-** 086206
glucose, starch or **cellulose** by **rumen** micro- 084220
monomers onto **cellulose** using **tetravalent** c- 086251

on crosslinking of **cellulose** during **thermal** 086132
Effect of **cellulose** & **wheat** mill-fractions on 082915

CEMENT
Furnace dusts of **cement works** as a source 091968

CENCHRUS
infesting seeds of **Cenchrus species.** 091008

CENSUS
rural communities in 1970 **world census** of 082502

CENTRIFUGE
Design of **centrifugal device** for mineral ferti- 091334
Evaluation of **pineapple centrifuge** underflow 084529

CEPA
SEE ALLIUM

CEPHALOSPORIUM
caused by **Cephalosporium zonatum.** [Eicho- 089657

CERAMBYCIDAE
Mecas LeConte (Coleoptera: **Cerambycidae**) 090923
Venezuela (Coleoptera: **Cerambycidae**). [Cy- 090926
Berlin. **(Coleoptera, Cerambycidae).** 090901

CERAMIC
soils. I. A proposition of a **ceramic block** ap- 091651

CERAMIDE
of **ceramide phosphorylethanolamine** from p- 084089

CERATITIS
of Mediterranean fruit fly **Ceratitis capitala** 090099
water content of **Ceratitis capitata** during in- 090418

CERATOCYSTIS
Ulmus **americana, Ceratocystis**]. 089194
Elm Disease pathogen, **Ceratocystis lmi** (Bu- 090155
vegetative hyphae of **Ceratocystis ulmi.** 087340
control: will it work? [**Ceratocystis ulmi**]. 089149
in Colorado--1972. [**Ceratocystis ulmi,** Ulmus 089232
for systemic chemicals. [**Ceratocystis ulmi,** d- 089233
in Colorado--1972. [**Ceratocystis ulmi,** Ulmus 090153
elm disease with benlate. [**Ceratocystis ulmi** 088977

CERATOPHYLLACEAE
of ammonium uptake by **Ceratophyllum.** 087393

CERATOPTERIS
SEE PARKERIACEAE

CERCERIS
little known species of **Cerceris Latreille,** 1 090950

CERCOCARPUS
region. [**Cercocarpus, Pachistima** myrsinites, 089209

CERCOSPORA
L., Papilionaceae) in Ethiopia. [**Cercospora**] 089249
leafspot fungi. [**Cercospora arachidicola,** Le- 089190
Vitamin requirements of **Cercospora beticola** 087599
Recent aspects of **Cercospora control.** [Sugar 089171
vitamin requirements of **Cercospora cruenta.** 089084
Cercospora disease in tea plant. 089264
from Balaghat. [**Cercospora flemingiae,** India 086595
Gaeumannomyces **graminis, Cercosporella** h- 089253
produced by **Cercosporella herpotrichoides** in 089011
enzymes by **Cercosporella herpotrichoides** F- 089180
New records of **Cercosporae** from **India.** 086587
Effects of **Cercospora kikuchii** on soybeans. 089203
alone or in combination with **cercospora leaf** 089184
stability of peanut oil. [**Cercospora leafspot**] 083774
Control of **Cercospora leafspot** on groundnu- 088891
stability of peanut oil. [**Cercospora leafspot**] 089106
Control of **Cercospora leafspot** on groundnu- 089247

CERCOSPORELLA
SEE CERCOSPORA

CEREALS
potassium fertilizer requirement of **cereals** (087668
endosperms alpha-amylase of some **cereals.** 087872
physiologic forms of loose smut of **cereals** (088483
decision aids in plant production. [**Cereals**] 088538
Control **against cereal** diseases: Study days 089435
development & propagation of **cereal aphid** 089852
Breeding cereals for protein. [Corn, wheat, 087165
avenae Wollen-Weber, **cereal cyst** nematode 089469
in culture. [Eyespot lodging **disease, cereals**] 089011
Control against **cereal diseases:** Study days 089435
acid protein transferase from **cereal embryos** 087846
Cereal grain seed treatments. [Tilletia foeti- 089148
carbonum. [**Grasses, cereals.** 089230
vitamin E) in **cereals** & **grassmeals** by gas-li- 083627
recommendations for **cereals grown** on soils 091835
Major conclusion from **cereal harvest** 1972 088386
Wild cereals & pseudo-**cereals harvested** in 088420
soil moisture under **cereals** on a **Lo**-4 site. 091500
CM-sephadex ion exchanger. [**Cereals, meats**] 082736
Amino acid composition of **cereal** & **oilseed.** 083654
to intensification of **cereal production** in co- 088388
Wild cereals & **pseudo-cereals** harvested in 088420
artificial ultraviolet radiation on **cereal rust** 089008
World situation of **cereals,** 1972-1973 **season** 082546
of fungicide trials of 1971-1972 **cereal season.** 089103
Influence of grading on **cereal seed** quality. 083670
infestation in short-strawed **cereal stands.** 089602
of amino acid content of **umnalted cereal** wo- 083039
threshing properties of **cereal varieties** in G- 088389
against diseases of **cereals** in **vegetation.** [F- 089243
of Heterodera avenae Wollen-**Weber, cereal** 089469
Wild cereals & pseudo-cereals harvested in 088420
amino acid content of umnalted **cereal worts** 083039

CEREBROSIDES
Isolation of **cerebroside** from **alfalfa** leaves. 087704

CEREBROSPINAL
puncture for collection of **cerebrospinal fluid** 085002

CEREUS
Fate of **Bacillus cereus** in cultured & direct 082828
Pseudomonas, Aeromonas, **Bacillus cereus**]. 082862
from bulk collected milk. [**Bacillus cereus**]. 082864
Fate of **Bacillus cereus** in cultured & direct 083325

CEREVISIA
mapping in Saccharomyces [**cerevisiae**] iV. 086928
cell protein **(Saccharomyces cerevisiae)** pro- 084389
rho-mutagens in **Saccharomyces cerevisiae.** 086876
enzymes in **Saccharomyces cerevisiae.** I. En- 087102
mutability. [**Saccharomyces cerevisiae**]. 087163
mutability in **Saccharomyces cerevisiae.** Co- 087164
from **Saccharomyces cerevisiae.** 087256
strain of **Saccharomycess cerevisiae.** 086877

CERIUM
milk volume in dairy goat with **cerium**-141. 084242
onto cellulose using **tetravalent cerium.** I. 086251

CEROPLASTES
a wax scale, **Ceroplastes ceriferus,** with gra- 090014

CERTIFICATION
State Seed Testing & **Certification Institute** 083221
origin inspection & **certification program.** 082763

CERVIX
fever by inoculation of virus into **cervix.** 085256
Cervical disk prolase in a Doberman Pinsch- 085639
Horner's syndrome in a cat **following cervic-l** 085749
Cervical spinal cord. [Veterinary medicine] 085617
radiography of canine skull & **cervical spine** 085025
Cervical vertebral instability in dog. 085638

CESIUM
of fresh mutton with 137-Cs. [**Cesium**]. 082895
of Oryzaephilus surinamensis to **Cesium**-137 090189
plant uptake of 137Cs. [**Cesium, radioactive** 087574
Addition of **cesium** 80 & **stirring** of liquid m- 091954

CESTODA
between Hymenolepis microstoma **(Cestoda)** 085403

CETRARIA
SEE PARMELIACEAE

CHAETOMIACEAE
Chaetomiaceae of **Chhatarpur.** 086462

CHAETOMIUM
metabolites of **Chaetomium globosum.** 087606

CHAFER
Destructive leaf **chafer beetles** of forests of 090163

CHAINS
Spearation of phenylalanyl & **alanyl chains** 084167
Commiphora mukul)-3 long-**chain aliphatic** 088303
Short-**chain amides** as sources of nitrogen for 084496
of a beta-(1-4)-D-galactan **chain catalysed** by 087963
by aspergilli-side **chain cleaving** enzymes. [087635
Flexibility in **cooling chain** with Igloo-Flex 091434
effects of short & medium **even-chain** fatty 084162
Chlorinated **long-chain fatty** acids. Their pr- 086207
in populations represented as **Markov chain** 086072
Elongation of **medium chain** trienoic acids to 087960
J **chain** in **pig** immunoglobulins. 084166
that govern folding of **protein chains.** 083215
Chain scythe, a simple tool for controlling 089711
Godfrey with an unusual ester **side chain.** 087428
from alpha 1 & alpha 2 **chains** of **soluble** bo- 084095
How **chain stores** buy & market peaches. 082452

CHAINSAW
values of a electro-motor **chainsaw handle's** 086131

CHALCIDOIDEA
of family Encyrtidae **(Chalcidoidea).** 090613
of Mongolia (Hymenoptera: **Chalcidoidea).** 090875
in Japan **(Hymenoptera, Chalcidoidea).** [Cit- 090055
Aphelinidae **(Hymenoptera, Chalcidoidea).** 090611
Encyrtidae **(Hymenoptera, Chalcidoidea).** 090612
confusa Erd. **(Hymenoptera, Chalcidoidea).** 090615
confusa Erd. **(Hymenoptera, Chalcidoidea).** 090616

CHALCODERMUS
in southern Georgia. [**Chalcodermus aeneus**] 090030

CHAMBERS
dessicator with silica gel & in **dry chamber** 087868
resulting in formation of an **egg chamber** in 090597
Chamber hives from view of a Dutchman. 091212
Sedimentation chambers for drains on Seyh- 092122

CHAMPAGNE
Remarks on Apatura ilia in **Champagne** (N- 090886

CHANNELS
forests in Ob bottom land near **channel.** [Sa- 086621
plankton composition of a **channel affected** 092313
of a tractor-drawn irrigaiton **channel-cum-b-** 091382
Automatic control of **farm channels.** [Irrigat- 092154
of a vane type open **channel flow** measuring 091381
Jersey blueberries in **marketing channels.** [089226

CHAPARRAL
nitrogen cycle in **California chaparral.** 087590

CHARCOAL
production in old **charcoal production** area. 088810

CHAROLAIS
crossed Angus, Hereford & **Charolais steers** 084832

CHARTS
SEE MAPPING

CHAULMOOGRA
Component fatty acids of **chaulmoogra oil.** 083616

CHEDDAR
SEE CHEESES

CHEESES
to determine pesticide residues. [**Cheese**]. 082718
Brining & packaging of **cheese.** 083252
to determine pesticide residues. [**Cheese**]. 083253
produced by continuous culture. [**Cheese**]. 083306
Factors **affecting cheese** flavour. 083373
of Tilsiter, Edam & **butter cheese.** 083258
direct acidified skimmilk & **Cheddar cheese** 082828
to flavor development in **Cheddar cheese.** 083316
Pink discoloration in **Cheddar cheese.** 083324
direct acidified skimmilk & **Cheddar cheese** 083325
Mould control on **Emmental cheese.** 083238
to flavor development in **Cheddar cheese.** 083316
Pink discoloration in **Cheddar cheese.** 083324
direct acidified skimmilk & **Cheddar cheese** 083325
lactate deposits on rindless **Cheddar cheese** 083357
in white pickled Domiati & **Gouda cheeses.** 083387
production of frozen **concentrated cheese** st- 083305
demand for increased not **decreased cheese** 082432
Mould control on **Emmental cheese.** 083238
handling in New Zealand **cheese factories.** 083355
Factors affecting **cheese flavour.** 083373
Quality of homemade **fresh cheese.** 082854
marketing of **Gorgonzola cheese.** 082439
in white pickled Domiati & **Gouda cheeses.** 083387
Gyratory equipment in **cheese industry.** 083295
Harz & **Mainz cheese,** modern milk protein 082346
Control of molds in **cheese manufacture.** 082841
thermophilus in **cheese manufacture** & a new 083333
in different kinds of **cheese** on **market.** 082893
again shows surplus. [**Cheese, milk,** butter]. 082375
Running off defect in sour **milk cheese.** 083263
Harz & Mainz **cheese, modern** milk protein 082346
Mucor pusillus, Endothia **parasitica, Cheese** 083310
garlic-mustard" odor in **Parmesan cheese.** 082840
increased not decreased **cheese production.** 082432
Endothia parasitica, **Cheese production**]. 083310
Cheese as a **protein** source. 082973
Calcium lactate deposits on **rindless Cheddar** 083357
caseins in various types of **ripened cheeses.** 083328
Biochemical aspects of **cheese ripening.** 083289
products in **cheese** during **ripening.** 083315
Research on **Silter cheese.** 083336
between buffalo & cow milk in **soft cheese** 083236
On composition of fatty acids in **soft cheeses.** 083332
of frozen concentrated **cheese starters.** 083305
Radiology in **cheese technology.** 083240
rennilase for manufacture of **Tilsiter, Edam** 083258
for surface protection of **Trappist cheese** dur- 082855
in chemical composition of **Trappist cheese** 083272
for surface protection of **Trappist cheese** dur- 083341
River Valey below Thun & **upper Emmental** 086629
handling in New **Zealand cheese** factories. 083355

CHELATES
Advantages & dangers of **applying chelates** 085804
Chelating polymers derived from cellulose & 086119
Chelated trace minerals for G-F swine. 084223
Chelates & their **utility** in agriculture. 091848

CHELONUS
SEE BRACONIDAE

CHEMISTRY
Forestry with & without use of **chemicals.** [086051
TPN [tetrachloroisophthalonitrile] **chemical** 089116
disease & scale insects with **chemicals.** [Coc- 089531
tillage, seeding & application of **chemicals.** 091430
designing new biologically **active chemicals.** 089587
homogenization & some **chemical additives.** 083234
effect of six **chemicals against** X-ray-induced 090741
April 18, 1873. [**Agricultural chemistry**]. 081924
Promoting beneficial fauna to **aid chemical** 090010
of Texas with aerially **applied chemicals.** [D- 089922
Physical & **chemical aspects** of stability of s- 091596
Chemistry of **ayurvedic** crude drugs. III. Gu- 088303
incognita on peach by **chemical bare**-root di- 089551
L-kopa in legume seeds: A **chemical barrier** 090083
Chemistry & biogenesis of quassinoids (sima- 087578
postmortem conditions on **certain chemical,** 083463
Chemical changes in water & accumulation 087206
Flavor & **chemical characteristics** of convent- 082957
physico-**chemical characteristics.** 083528
Chemical characteristics of milling of durum 083633
Studies on physico-**chemical characteristics** 089780
Preliminary studies on **comparative chemical** 083196
Chemical composition & caloric value of gra- 082998
on comparative **chemical composition** of diff- 083196
Data to changes in **chemical composition** of 083272
Predicting **chemical composition** of beef car- 083459
customary storage on **chemical composition** 083487
Chemical composition of unripe (green) & r- 083798
Variations of **chemical composition** & nutrit- 084406
On **chemical composition** of Lemna grown in 087397
Variations of **chemical composition** & nutrit- 087661
Correlations between **chemical composition** 087699
Chemical composition of cell walls of Lolium 087824
Chemical composition of leaf lamina & midr- 087894
Chemical composition of unripe (green) & r- 088091
Variation in **chemical composition** of Draca- 088123
induced changes in **chemical composition** of 088182
to insecticides & **chemical composition** of fat 089892
Chemical composition & possibility of impr- 091775
Effect of different **chemical compositions,** wi- 085222
India: Physico-**chemical conditions,** flora & 086454
Seasonal variations in **chemical constituents** 084042
Chemical constituents of Combretaceae. IV. 087348
Chemical constituents of Glochidion venulat- 087535
possiblilites of toxicoligical-**chemical control** 082858
of toxicological-**chemical control** of contami- 082859
currants & possibilities of **chemical control.** 089061
Chemical control of leaf-spot disease of sap- 089072
cubensis, **chemical control**]. 089135
tabacina] of tobacco. [**Chemical control**]. 089136
Chemicals for **control** of truck crop insects 089463
Research about biology & **chemical control** 089615
Chemical control of Agropyron repens in po- 089643
of potato varieties. [**Chemical control**]. 089688
clovers. [Rumex, weeds, **chemical control**]. 089690
Chemical control of paragrass (Brachiaria 089700
Research on **chemical control** of forest weeds 089704
Chemical control of weeds in maize & grou- 089709
Tests of **chemical control** of weeds in Tunisia 089729
with insecticides used in **chemical control** of 089882
Trials of **chemical control** of Aceria guerrer- 089938
Investigations of **chemicals** for **control** of co- 089959
beneficial fauna to aid **chemical control** of p- 090010
Cacoecia podana, **chemical control**]. 090046
Phthorimaea operculella, **chemical control**]. 090047
of citrus. [Aculus pelekassi, **chemical control**] 090048
possiblilites of toxicoligical-**chemical control** 090363
of toxicological-**chemical control** of contami- 090364
began, what it is, & how **chemical controls** 089068
miquel, & its **chemical conversion** into dap- 087427
Pseudoperonospora **cubensis, chemical** contr- 089135
strawberries--**chemical, cytogenetic,** & antib- 083776
in study of biological & **chemical data** from 091536
Determination of **chemical demand** of oxygen 092384
Effect of **different chemical** compositions, wi- 085222
of a clinal pattern of **chemical differentiation** 088293
waterborne outbreaks. [**Disease, chemical** po- 092451
Sporicidal effect of **chemical disinfectants.** [082678
Reducing pesticide **chemical drift.** 090337
Chemical effect of certain bark substrates on 088217
Research on highly-**effective chemical** muta- 086956
determination of selected **chemical elements** 083203
Relationship of **chemical elements** to apple 083848
A challenge for **chemical engineering.** 092325
Use of yield-**enhancing chemicals** on soybea- 087671
Our **chemical environment.** [Pesticides]. 090326
of coconut meal: a new **enzymic-chemical** m- 083791
Chemicals evaluated in field tests against co- 089964
Chemical examination of meat & meat prod- 083392
Physico-**chemical factors** associated with dif- 083612
production & some physical-**chemical factors** 087236
On hematological & **chemical findings** of bl- 084081
quality control of **flavor chemicals.** 083121
Chemical herbicides in fruit tree & berry cu- 089640
Chemical heterogeneity of cell wall polysac- 087569
biogenesis & **chemistry** of **hormones** in muta- 090634
of raw materials for **chemical industry.** 083052
time during day **influences chemical** sucker 087897
Today's view on **chemical insect** control. 089846
Interaction of **chemical insecticides** in susce- 089874
thuringiensis HD-1 & **chemical insecticides** 089960
Bacillus thuringiensis & **chemical insecticides.** 090012
of mechanical shock on **chemistry** of **insects.** 089825
Physico **chemical interaction** of polyacrylam- 091595
meal: a new enzymic-**chemical method** for fi- 083791
pulses (peas & gram) by **chemical method.** 089668
through cultural & **chemical methods.** 089670
Microbiological, chemical, & organoleptic c- 082820
on certain **chemical, morphological** & organ- 083463
Chemical mutagenesis following treatments 087017
Chemical mutagenesis in Taphrina maculans 087183
Action of **mutagenic chemicals** on blue-green 087262
wheat treated with **chemical mutagens.** 086761
in barley & oats with **chemical mutagens** & 086942
of ionizing radiation on **chemical mutagens** 086952
of various physical & **chemical mutagens** on 086955
on highly-effective **chemical mutagens** among 086956
of combining action of **chemical mutagens** on 086959
winter wheat varieties to **chemical mutagens** 086962
Effect of **chemical mutagens** on certain whe- 086963
of ionizing radiation on **chemical mutagens** 088067
Phthorimaea **operculella, chemical** control]. 090047
Application of **chemicals** in **organic** solvents 088171
mite of citrus. [Aculus **pelekassi, chemical** c- 090048
Reducing **pesticide chemical** drift. 090337
in developing new **chemical pesticides.** 090319
use of **chemicals** other than **pesticides.** [Pol- 092359
Chemistry of **peyote** alkaloids. [Lophophora 087445
alkaloids. IV. **Chemical & pharmacological** 087555
Mescaline: **chemistry & pharmacology** of its 087440
Chemical-physical properties of Cuban distil- 083842
to its production & some **physical-chemical** 087236
aestivum: purification & **physical-chemical** p- 087819
of various biochemical & **physico-chemical** c- 083528
Physico-chemical factors associated with dif- 083612
Investigations of **physico-chemical** properties 084028
of Bakreswar, India: **Physico-chemical** condi- 086454
Studies on **physico-chemical** characteristics 089780
Physico chemical interaction of polyacrylam- 091595
Physico-chemical & biological characteristics 091669
Effect of rainfall on **physico-chemical** prope- 091671
of Bakreswar, India: **Physico-chemical** condi- 092114
profitability of measures of **chemical plant** p- 089446
pulchelliana, Cacoecia **podana, chemical** con- 090046
outbreaks. [Disease, **chemical poisoning**]. 092451
Predicting chemical composition of beef car- 083459
Preliminary chemical studies of aquatic plan- 087443
Obtaining wool with **chemical preparation.** 083480
on effects of **chemicals** for **preventing** game 089533
Effect of ethylene **producing chemicals** on g- 088074
of physico-**chemical properties** of serum alb- 084028
purification & physical-**chemical properties.** 087819
marshlands of Louisiana: **chemical properties** 091656
of rainfall on physico-**chemical properties** of 091671
rays combines with **chemical protectants** & 087147
studies on effect of **chemical pruning** on red 088858
application of **chemicals** on **qualitative** chan- 089137
Chemicals registered for use on pecans. 090368
Use of growth **regulating chemicals** on prun- 088121
Chemical reversion of sex expression on dio- 086939
Chemical seed treatment for control of seedl- 089062
determination of **selected chemical** elements 083203
Serological, chemical & immunochemical st- 085236
virus X (PVX) on yield, **size, chemical** com- 089395
of organic terrain type. [**soil chemistry**]. 091556
S04 [sulfuric acid] digestion. [**Soil chemistry**] 091557
minerals by fulvic acid. [**Soil chemistry**]. 091558
iron] extraction from soils. [**Soil chemistry**] 091559
at room temperature. [**Soil chemistry**]. 091566
Chemical & spectral studies of novel keto-al- 087559
Irradiated **strawberries--chemical,** cytogenet- 083776
Relation between **chemical structure** & biol- 088983
Relation between **chemical structure** & biol- 089593
Relation between **chemical structure** & biol- 089594
Histological & **chemical studies** into tuber c- 084290
botulinum. III. **Chemical studies** of polysac- 085485
Histological & **chemical studies** into tuber c- 085790
Chemical studies of Proteaceae. VI. Two na- 087247
Preliminary **chemical studies** of aquatic plan- 087443
Chemical study from rhizomes of Pavonia o- 087583
time during day influences **chemical sucker** 087897
Chemistry of **sugar.** 083090
Systemic chemical treatment for Dutch elm 089149
injection technique for **systemic chemicals.** 089233
zone. V. structure & **chemistry** of **taondiol** 087615
compounds of beer; **chemistry & taste** prope- 083119
New **thiane chemistry.** conceptually simple 087215
Prospects of **chemical thinning** of apples in 088650
Chemical thinning techniques for kaki pers- 088792
Chemical thinning & guide for size-thinning 088862
Chemical tools in fruit production. [Growth 088119
Toxic chemicals as friends & foes. [Pesticid- 090361
possiblilites of **toxicoligical-chemical** control 082858
possiblilites of **toxicological-chemical** control 082859
Chemical treatment of ryegrass straw: in vit- 083879
Systemic **chemical treatment** for Dutch elm 089149
Is **chemical weed** control beneficial? 089612
researches connected with **chemical weed**-co- 089682
alfalfa & clovers. [Rumex, **weeds, chemical** 089690
Wood chemistry of western conifers; questi- 086267

CHEMISTS
Association of Official **Analytical Chemists]** 082695
From "workshop" of an "**enzyme-chemist**" 083641
presented at AOCS [American **Oil Chemists** 083129

CHEMOSENSORY
glucosidase at tip of **contact chemosensory** s- 090698

CHEMOSTERILANTS
Toxity of **chemosterilants.** [Insect pests, bio- 089773
Chemosterilants against boll weevil. 4. Misc- 089921
Chemosterilants & their **application.** [Insect 089770
Insect chemosterilants: gas chromatography, 090245
of action of **chemosterilants** on **insects.** [Pes- 089771
Chemosterilization of **tropical** house mosqui- 090291

CHEMOTAXIS
Chemotactic effect of 5'-amido analogues of 087271

CHEMOTAXONOMY
certain cotton species. 2. [**Chemotaxonomy**] 086339

CHEMOTHERAPY
screening of **chemotherapeutic compounds** in 085330
institution of **effective chemotherapeutic** me- 085362
Chemotherapy studies of Salmonella typhi- 085274

CHENOPODIUM
of scandinavian plants. 83-85. **Chenopodium** 086395
of its components. [**Chenopodium album**]. 089358
Ranunculus repens, **Chenopodium album,** R- 089749

CHERNOZEM
phenol transformation in a **Chernozem soil** 091699
on superphosphoric acid in **Chernozem soil.** 091999
of ammonium nitrate to **Chernozem soils** in 091929

CHERRIES
Role of honeybees in pollination of **cherries.** 087957
regulating chemicals on prunes & **cherries.** 088121
prediction of harvest maturity in **cherries.** 088922
a new systemic fungicide. [**Cherries**]. 089067
Diseases of **cherries** (not including virus dis- 089525
Role of honeybees in pollination of **cherries.** 091104
of stem pitting of pear & **cherry** to **apple** in- 089334
in stone fruits. [Peach, **cherry, apricot**]. 089349
Cherry bloom dates for Emmett, Idaho. 088688
substances of **cherries** during crus hing. 083705
Sweet **cherry fresh** market--how to do it bet- 082448
of dodine & azinphosmethyl to **cherry fruit.** 089213
Biology & control of western **cherry fruit** fly 090069
Cherry fruit fly in Oregon: a nomenclature 090947
metabolism in sour **cherries grafted** to differ- 088203
determination in trees. [**Hazzard cherries**]. 087979
"cylindrosporiosis" of **cherry leaves.** [Cylind- 089100
of catechin on growth of **mazzand cherry** se- 088230
of sour cherries & **mazzard cherries.** 086955
Damages in **cherry orchards** caused by large 090065
Cherry origin inspection & certification pro- 082763
by Sclerotinia cinerea in **cherry & peach** tre- 089126
Virus diseases in stone fruits. [**Peach, cherry** 089349
shown by leaf analysis. II. **Pears, cherries** & 091989
of Rhagoletis cerasi. [**Cherries, pests**]. 090082
on growth of mazzand **cherry segments** cult- 088230
mutagens on variability of **sour cherries** & 086955
para coumaric acid in pericarp. [**Sour cherry**] 087932
Anthocyanin pigments of **sour cherries.** 088087
Carbohydrate metabolism in **sour cherries** g- 088203
More berries & **sour cherries** for adequate s- 088656
Sweet cherry fresh market--how to do it bet- 082448
avium L. cv. 'Royal Ann'. [**Sweet cherry**]. 087933
Proper crown treatment of **sweet cherry.** 088853
Biology & control of **western cherry** fruit fly 090069

CHESTNUTS
Studies on bud grafting of **chestnut.** 5. [Cas- 088562
carinifer Casey, a new pest of **chestnuts.** 090061
Fagus sylvatica & sweet **chestnut Castanea** 086052
established under **chestnut coppices.** [Abies 088270
Problems in processing of **chestnut fruit.** 083806
Pollination of **chestnut** by **honey** bees. [Apis 088116
Second blooming & fruiting of **chestnut plant.** 088099
Biology & control of **small chestnut** weevil, 090062
An evaluation of **chestnut varieties**--Crane, 088850

CHEYLETIDAE
Zaher & Soliman. Acarina: **Cheyletidae.** 090787
malaccensis oudemans. Acarina: **Cheyletidae** 090813
Canestrini & Fanzago). Acarina: **Cheyletidae** 090817

CHIASMA
to chromosome pairing & **chiasma formation** 086770
effects on **chiasma formation** in maize heter- 087061
Meiosis in grasshopper: **chiasma frequency** a- 090629
pairing in relation to **chiasma localisation** in 090515

CHICKENS
from skeletal muscle tissue. [**Chicken**]. 082833
arrangements in laying cages. [**Chickens**]. 083916
dehydrogenase] activity in ducks & **chicken** 084126

Effect of age on water metabolism in **hens.** 084322
Avian neurotransmitter. [**Chickens**]. 084323
cattle & swine on erythrocytes of **hens.** 084345
hatchability & egg production in **chickens.** 084401
Gossypol & its feeding effects on **hens.** 084427
Monensin in broiler rations. [**chickens**]. 084446
supplemental calcium phosphate. [**Chickens**] 084462
carcass fat & flavour of broilers. [**Chickens**] 084465
of broiler rations. [**Chickens**]. 084467
on intestinal & cecal coccidiosis in **chicken.** 084472
to feed of egg-laying breeding of **chickens.** 084538
Economise on costly feed. [**Chickens**]. 084672
for part record egg production in **chickens.** 084826
of ectopic lymphoid foci in **chicken.** 085195
Marek's disease herpesvirus. [**Chickens**]. 085258
of Salmonella typhimurium in **chickens.** 085274
a virus associated with arthritis of **chickens** 085278
on intestinal & cecal coccidiosis in **chicken.** 085312
Immunocompetent cells in **chicken.** I. Syne- 085318
compounds in cell cultures. [**Chicken**]. 085330
of Newcastle disease infection in **chickens.** 085481
control other than by vaccination. [**Chickens**] 085592
Marek's Disease by vaccination [**Chickens**] 085593
tumor (reticuloendotheliosis) in **chicken.** 085604
chronic respiratory disease. [**Chickens**]. 085649
Spontaneous arteriosclerosis in **hens.** 085716
management on disease control. [**Chickens**] 085718
indices in poultry organism. [**Chickens**]. 085775
Abdominal mass in **chicken** (Gallus domesti- 085776
to do with manure from 40,000 **chickens.** 092424
of Marek's disease vaccine. [**Chickens**]. 085411
Dual infection of **chickens** with **acute** & mild 085275
proteins of chick embryos & **adult chickens** 084253
Protection of **chickens afforded** by commeri- 085266
blood pressure of **anesthetized chickens.** 085772
extractable Ca [calcium] in **chicken breast** 083498
of postmortem aging on **chicken breast** musc- 083515
emcephalomyelitis in turkey **breeder hens.** 085200
insecticides in fat of **chickens broiler** derived 082849
Physiological response of **broiler chickens** as 084209
insecticides in fat of **chickens broiler** derived 090357
derived cells in **bursectomized chickens.** 084122
by pullorum disease in **hens, chickens** & eggs 085304
on performance of White **Leghorn chicks.** 084553
of four other species of **chicken coccidia** dur- 084802
in veterinary practice. [**Chickens, coccidiosis** 085283
Sexual behaviour of White **Leghorn cocks** b- 084896
Coligranuloma of **chickens** in our **country** & 085303
Irradiation of **chicken egg** white. I. Effect on 082668
Isolation & characterisation of **hen egg** white 083504
Collaborative study of **chicken embryo** bioas- 082693
differentiation in **chicken embryo**--relationsh- 084037
germ cell nuclei of female **chicken embryo** 084182
bronchitis virus in **chicken embryo** kidney c- 085273
avian encephalomyelitis & **chicken-embryo-l-** 085410
development of **embryonic chicken** thymus in 084038
of production of **chickens** in **European** Econ- 082524
on uric acid synthesis in **chickens fed** high 084599
of present interest? [Laying **hens, feeding**]. 084678
in germ cell nuclei of **female chicken** embryo 084182
renewal in intestine of **chickens following** a 085404
of skeletal muscle tissue. [**Chicken, food** spo- 082832
meal on body gain of **growing chickens.** 084399
index of eggs laid by White **Leghorn hens** as 084196
performance of White **Leghorn hens** & their 084908
by pullorum disease in **hens, chickens** & eggs 085304
of an isolate from **chickens** in **Indiana.** 085270
regression of leukemia in **chickens infected** 085503
industrial laying-**hen installations.** [Mechan- 091238
lethal-orphan viruses in **chickens** in **Korea.** 085410
B1-14C [carbon] in **layer chickens.** 084257
by thyroid gland in White **Leghorn layers** f- 084554
Concentration of **laying hens** rearing is acce- 082552
generation in flat cages for **laying hens.** 083981
Phosphate excretion in **laying hen** (Gallus d- 084269
on diurnal feeding activity of **laying hens.** 084279
Calcium metabolism in **laying hen.** 6. Shell 084308
Progress in feeding **laying hens.** 084626
brown eggs of present interest? [**Laying hens,** 084678
for rationalizing industrial **laying-hen** instal- 091238
index of eggs laid by White **Leghorn hens** as 084196
performance of White **Leghorn hens** & their 084908
Salmonella contamination of **chicken meat** 082834
on growth of **chickens** for **meat.** 084329
of postmortem aging on **chicken muscle** lipi- 083514
passages in presence of **normal chicken** ser- 085475
Necrotic enteritis in **chickens** in **Norway.** 085671
on growth rate of White **Leghorn pullets.** 084197
Concentration of laying **hens rearing** is acce- 082552
Poultry nutrition **research Chickens.** 084521
Problems with Plymouth **Rock chickens.** [A- 083937
Raising Plymouth **Rock chickens.** 083938
Hen running in second egg-laying period. 084312
in presence of normal **chicken serum.** 085475
dam on their progeny. [Ewes, **sows, hens**]. 084682
development of embryonic **chicken thymus** in 084038
albumins from progeny of **chickens treated** 084028
hatchability in **chickens** & **turkeys.** 084411
cases of fowl cholera in **chickens** & **turkeys** 085455
motor activity in **unanesthetized chicken.** 084300
shape index of **eggs** laid by **White Leghorn** 084196
of hatch on growth rate of **White Leghorn** p- 084197
malathion on performance of **White Leghorn** 084553
uptake by thyroid gland in **White Leghorn** l- 084554
Sexual behaviour of **White Leghorn** cocks b- 084896
reproductive performance of **White Leghorn** 084908

CHICKPEAS
adenosine monophosphate. [**Chickpeas**]. 088041

CHICKS
during embryonic development in **chick.** 084022
during meiotic prophase in oocytes of **chick** 084120
objects on approach tendency in **chicks.** 084124
activities of tissues of day-old **chick.** 084195
L-ascorbic acid metabolism in rats & **chicks** 084260
Intestinal absorption of phosphate in **chick:** 084263
Conversion of arginine to proline in **chick.** 084266
Effect of animal fats on growth of **chicks.** 084545
of a cholesterol depot in liver of **chicks.** 084729
against Newcastle disease virus in **chicks.** 085369
inhibiting Rous sarcoma virus in **chicks.** 085393
pyridone coccidiostats. [**Chicks**]. 085405
on experimental salmonellosis in **chicks.** 085566
mutants of avian sarcoma virus. [**Chicks**]. 085584
Experimental lathyrism in **chicks.** 085783
against induced caecal coccidiosis in **chicks.** 085372
of immunization of one-day **chicks against** 085431
Protect **chicks against** infectious diseases. 085486
Crazy--a nervous disorder in **Ancona chicks** 085693
diets for germ-free & **conventional chicks.** 084459
atttempts of immunization of one-**day chicks** 085431
of radiation tolerance of **developing chick** e- 084385
slow muscles of **chick** during **development.** 084128
Appearance of creatine during **early chick** 084125
of amino acid transport in **chick embryo** he- 084096
of creatine during early **chick embryo** devel- 084125
skeletal growth in developing **chick embryo** 084247
phosphatase activity in **chick embryo.** 084248
Wound healing of cornea in **chick embryo.** I 084333
Wound healing of cornea in **chick embryo.** II 084334
Semliki Forest virus-**chick embryo** cell inter- 085394
Wound healing of cornea in **chick embryo.** I 085797
Wound healing of cornea in **chick embryo.** II 085798
triploidy (3A-ZZZW) in **chick embryos:** aut- 084181
serum & tissue proteins of **chick embryos** & 084253
Use of three day-old **chick embryos** for cult- 085408
of early yield of virus in **chick embryos.** 085476
sarcoma virus B77 . [Quail, **chick embryos**] 085581
of block by mannose. [**Chick embryos**]. 085582
from avian leukosis virus. [**Chick embryos**]. 085583
tolerance of developing **chick enbryo** by pre- 084385
as a source of calcium for **growing chicks.** 084555
gross protein value with **growing chicks.** II. 084610
response of **chicks** to **inactivated** Newcastle 085281
on performance of White **Leghorn chicks.** 084553
muscle & cartilage development in **chick li-b:** 084249
morphogenesis of **chick neural** tube & notoc- 084044
in cell cycle of **chick neuroepithelial** cells. 084251
estrogen on gene expression in **chick oviduct** 084791
estrogen on gene expression in **chick oviduct** 084792
in gram (Cicer arietinum L.) [**Chick peas**]. 088769
Immunochemical analysis of **chick phosvitin** 084250
Protect chicks against infectious diseases. 085486
of anian sarcoma virus B77 . [**Quail, chick** 085581
on blood volume in **chicks** using **radioactive** 084342
Some aspects of **rearing chicks.** 083990
oviduct. II. Transcription of **chick tritiated** 084792
Semliki Forest **virus-chick** embryo cell inter- 085394
A description of **chick wing** bud development 084132
erythrocytes of embryonic & **young chicks.** 084142

CHICORY
need" in Cichorium intybus L. [**Chicory**]. 087917
period on growth & yield of **chicory** (Cichor- 088780

CHILDREN
conditions of rural families with **children.** 081929
Growing children need more vitamin C. 082985
preparations designed for **child nutrition.** 082946
its relationship to **children's physical,** mental 082911

CHILIS
characteristics of groundnut & **chillies.** 083598
causing soft fruit rot of **chillies.** 089079
Note on seed-borne diseases of **chilli** (Capsi- 089095
Manuring of **chillies** in **India,** rainfed crop. 091850

CHILL
SEE COOL

CHILLI
SEE CHILIS

CHILO
hibernating larvae of rice stem-**borer, Chilo** 089936
in Egypt. [Sesamia **cretica, Chilo** agamemn- 089956
rice lines to stalk borers. [**Chilo plejadellus,** 089920
rice borer in Camargue. [**Chilo suppressalis**] 089857
of rice stem borer. **Chilo suppressalis** Walker 089971
of rice stem-borer, **Chilo suppressalis** Walker 090753
of rice stem borer. **Chilo suppressalis** Walker 090828

CHILOSCYPHUS
eudesmane from **Chiloscyphus polyanthus** (L 087373

CHINOOK
SEE SALMON

CHIP
A **chip** in **aid** to developing countries. 082611
wood residues. 1. Study on **chips** from **forest** 086242
Chipping headrig: a major invention of twen- 086138
Microwave finish drying of **potato chips.** 083788
H2S [hydrogen sulfide] **chip pretreatment** p- 086250
economic factors in export of **wood chips** fr- 086105

CHIRONOMIDAE
species of genus (Diptera: **Chironomidae**). 090930
sugar factory wastes. [**Chironomidae, Poland**] 090871
coast; Lissuraga. [**Chironomidae, Simuliidae**] 090453

CHITIN
polymers derived from cellulose & **chitin.** I. 086119
vI. structure & development of **chitin.** 090434
wood fiber wastes, & **chitin** on **plant-parasit-** 089550

CHITINASE
of attine ants. alpha-amylase & **chitinase.** 090703

CHIVES
Abscisic acid & dormancy of **chives** (Allium 088019

CHLAMYDOMONAS
Gametogenesis in **Chlamydomonas eugametos.** 087119
in ultraviolet-**irradiated Chlamydomonas.** [087471
its garzer. [**Chlamydomonas reinhardi**]. 086640
meiosis in **Chlamydomonas reinhardi.** 086764
acid from **Chlamydomonas reinhardii.** 087327
free extracts of **Chlamydomonas reinhardtii** 086805
population in **Chlamydomonas reinhardtii.** 090632

CHLAMYDOSPORES
production of **chlamydospores** by **Fusarium** 087461
Physiology of **chlamydospore germination** in 087384
conditions on **chlamydospores & mycelium** of 089293
microscopy of **chlamydospores** of **teosinte** s- 086795

CHLORATE
Effects of **sodium chlorate** on soil microorg- 089744

CHLORCHOLINCHLORIDE
of **chlorcholinchloride** into **phospholipids** of 087914

CHLORELLA
carriers between photosystems. [**Chlorella**]. 087274
Action on **Chlorella** [vulgaris] of some antib- 087595
evolving capacity in dark-**grown Chlorella:** 087474
in submillisecond **Chlorella luminescence.** 087272
Use of **Chlorella paste** as a vitamin supplem- 084538
acid on growth of **Chlorella pyrenoidosa** & i- 087205
model ecosystems [**Chlorella pyrenoidosa**]. 090366
algae. [**Chlorella pyrenoidosa,** Anacystis nid- 087269
paste made from **Chlorella** in **relation** to fat- 084537
Effect of **Chlorella suspension** on milk outp- 084539
in photosynthesis. [**Chlorella vulgaris,** Phor- 087273

CHLORFENVINPHOS
of timing of **chlorfenvinphos** & **fenitrothion** 089854

CHLORIDES
C [chloride] or dichlorvos-36Cl [**chloride**] f- 090347
Ammonium chloride & ammonium sulfate in 084563
chlorethyl) trimethyl **ammonium chloride.** 087261
chloroethyl trimethyl **ammonium chloride**) 088188
Miticidal activity of **benzoyl chloride** pheny- 089807
of CPTA & cycocel [**chlorocholine chloride**] 087512
acid, **chlorocholine chloride** & antiauxin. 087746
Effect of **chloromequat chloride** (CCC) on g- 087912
esculentum in relation to **cobalt chloride** tre- 089275
of normal & potassium-**chloride depleted** yo- 084662
trends in production of **chloride-free** single 091821
Glucosamine HC1, [**hydrogen chloride**] hyd- 090672
PVC [**polyvinyl chloride**] pipes as a new ma- 091362
Influence of **sodium chloride** & sodium carb- 083786
under salinization with **sodium chloride.** 087736
respiration of plant roots by **sodium chloride.** 087735
calcium carbonate] into **chloride solutions.** 091633
Active sodium & **chloride transport** across r- 084101
chloroethyl) **trimethylammionium chloride** 087692
chloroethyl) **trimethylammonium chloride**] 087878
chlorethyl) **trimethylammonium chloride**) on 089852

CHLORINATED
IV. Application of **chlorination** to **cooling** w- 082834
degradation of **chlorinated hydrocarbon** resi- 090366
Chlorinated hydrocarbon pesticide residues 090385
Chlorinated hydrocarbon pesticide residues 090386
degradation of **chlorinated hydrocarbon** resi- 092415
Absorption of **chlorinated hydrocarbons** by 090097
Degradation of **chlorinated hydrocarbons** by 091694
Chlorinated long-chain fatty acids. Their pr- 086207
associated with use of **chlorinated oxidation** 092270
for isolation of **chlorinated pesticides** in milk 082873

Residue analysis of **chlorinated pesticides** & 090407
Chlorinated, phosphatic & carbamate insect- 089973
efficiency of use of **chlorinated trisodium** ph- 083292

CHLORINE
Na [sodium], K [potassium], Cl [**chlorine**] i- 087330
Influence of DDT36 CL [**chlorine**] on web- 090161

CHLORIS
Chloris cucullata in Arizona. 086353
voluntary intake of **Chloris gayana,** Digitaria 084441
of Setaria sphacelata, **Chloris gayana** & Pan- 088466

CHLORITE
Dissolution of **chlorite minerals** by fulvic ac- 091558

CHLOROCHOLINE
chloroethylphosphonic **acid, chlorocholine** c- 087746
of CPTA & cycocel [**chlorocholine chloride**] 087512

CHLOROETHANEPHOSPHONIC
by **2-chloroethanephosphonic acid** (ethrel). 088027

CHLOROETHYL
postharvest applications of (**2-chloroethyl**)p- 083698
seed treatment with cyocecel (**2-chlorethyl**) 087261
Effects of CCC 2-(**chloroethyl**) trimethyla- 087692
Effect of CCC [(**2-chloroethyl**) trimethyla- 087878
Influence of (**2-chloroethyl**)phosphonic acid 087934
apple trees as influenced by (**2-chloroethyl**) 087935
as influenced by P-(beta-**chloroethyl**)-N-isop- 088063
Studies on effect of (CCC) (**2-chlorethyl**) tr- 089852
acid & CCC (**2-chloroethyl trimethyl** ammo- 088188

CHLOROGENIC
Chlorogenic acid levels, ethylene production 089496

CHLOROPHACINONE
control with **Chlorophacinone** in **France.** 092421

CHLOROPHYLL
observed in **chlorophyll** b **absorption** spectra 087277
Distribution of iron, **chlorophyll, ant** heme 087695
Chlorophyll associations in chloroplast: res- 087253
from carotenoids to **chlorophyll** a in **black** l- 087473
chlorophyll a1 in **chloroplasts.** 087278
Chlorophyll composition & photochemical a- 088109
for determination of **chlorophyll content** usi- 087892
II. Changes of **chlorophyll content.** 088194
into frequency of **chlorophyll defective** plants 086872
relationships of **chlorophyll defective** mutan- 087089
into frequency of **chlorophyll defective** plants 089613
on protochlorophyll & **chlorophyll formation** 087633
A **chlorophyll mutant** associated with a3 loc- 087033
of response of some **chlorophyll mutants** to 087793
appearance of a **chlorophyll mutation** & a r- 087160
Stimulation of **chlorophyll synthesis** in cuc- 087997

CHLOROPHYTA
Codiolophyceae, a new class of **Chlorophyta** 086452

CHLOROPIDAE
venustus Czerny (Diptera: **Chloropidae**). 091004

CHLOROPLASTS
Chlorophyll associations in **chloroplast:** res- 087253
chlorophyll a1 in **chloroplasts.** 087278
Thermal uncoupling in **chloroplasts.** Inhibiti- 087950
reverse electron transport in **chloroplasts.** 088039
delayed light emission in **chloroplasts.** [Lett- 088159
spectra of granal & **agranal chloroplasts** of 087850
numbers of **chloroplasts associated** with div- 087730
on fine structure of **bean chloroplasts.** 088018
potential of membrane-**bound chloroplast** pl- 087279
structure & function of **cotton chloroplasts.** 088982
detached from **chloroplast grana** & stroma l- 088109
oxygen uptake by **isolated chloroplasts.** 087252
in suspension of **isolated chloroplasts.** 087381
luminescences of **isolated chloroplasts** preill- 088124
measurements on **isolated chloroplasts** & in- 088166
evolution by spinach **leaf chloroplasts.** 087968
Characterization of **chloroplast & nuclear** 087796
fixation of isolated **pea chloroplasts** & its i- 084561
inhibition of **chloroplast photosystem.**i. [Ni- 087275
proteins of leaves & **chloroplasts** in **plants** w- 088034
membrane-bound **chloroplast plastocyanin** & 087279
of isolated **chloroplasts preilluminated** by s- 088124
Chloroplast response to low leaf water pote- 087545
Chloroplast response to low leaf water pote- 087546
ion gradient in **spinach chloroplasts.** 087949
alpha-linolenic acid by a **spinach chloroplast** 087960
transfer reactions in **spinach chloroplasts** by 088040
acid by a spinach **chloroplast stroma** system 087960

CHLOROSIS
Genetic analysis of **cowpea chlorotic** mottle 089346
multiplication rates. [**Cowpea chlorotic** mott- 089419
of acquired resistance in **cowpea chlorotic** 089425
control of iron **deficiency chlorosis** in fruit t- 089477
Copper-**induced chlorosis** in Becium homblei 089558
Monogenic **chlorotic-lesion** resistance in corn 086899
Monogenic **chlorotic-lesion** resistance in corn 089144
Prevent chlorosis in plants with use of sulfu- 091971

CHLORTETRACYCLINE
acid for **chlortetracycline potentiation** again- 085363

CHOANEPHORACEAE
activity of **Choanephora cucurbitarum** causi- 089079

CHOCOLATE
aureus in dark & **milk chocolate.** [Contamin- 082810
on stabilization of **chocolate milk.** 083279

CHOLERA
against experimental **fowl cholera.** 085363
certain antibiotics in cases of **fowl cholera** in 085455
Kilapin) immunity against **hog cholera** in w- 085548

CHOLESTEROL
Eggs & **cholesterol.** 082919
by a single application of **cholesterol**-26-14C 084347
concentrations in diet on **blood cholesterol** l- 082947
Cholesterol & **dairy** products--are they frien- 082943
E & fat on depletion of a **cholesterol depot** 084729
Chrysalis oil, **cholesterol, fatty** acids & ami- 083205
liver cholesterol levels in **cholesterol-fed** rats 082915
Cholesterol, pantothenic acid, pyridoxine & 091155

CHOLINES
Choline & beta-**methylcholine** acetylation in 090713

CHOLINESTERASES
Normal values of **cholinesterase activity** in 084355
Normal values of **cholinesterase activity** in 084359
special reference to **cholinesterase activity.** 085239
Toxicity & **anticholinesterase activity** of hal- 089809
cholinesterase in **intestinal** wall of rabbits & 084032
values of **cholinesterase** from **plasma** & eryt- 084067

CHONDRILLA
SEE COMPOSITAE

CHOPPING
A combination of **chopper, fiber** removing & 091419
A modern **silo chopper.** 091418

CHORIOMENINGITIS
mice free from **lymphocytic choriomeningitis** 083970
of murine **lymphocytic choriomeningitis** [Mi- 085419

CHORION
mare's serum/**chorionic gonadotrophin** hor- 084386

CHORISTONEURA
Hokkaido. [Lymantria **dispar, Choristoneura** 090122
insect microbes. [**Choristoneura fumiferana,** 090135
insecticide. [**Choristoneura fumiferana,** biolo- 090137
to Zectran. [**Choristoneura occidentalis**]. 090130

CHOROID
Diseases of retina & **choroid.** [Dogs, cats]. 085618

CHROMATE
by waste from **chromate manufacture.** 092389

CHROMATIN
Functional homologies of **acidic chromatin** p- 087372
a major source of **chromatin-associated** RNA 084121
Increase activity of **chromatin-bound** ribonu- 088155
of calf thymus & rat **liver chromatin** by ga- 084311
Absence of **chromatin loss** during embryo sac 087081
Chromatin-organisation during & after syna- 086969
synthesizing activity in **chromatin** of **wheat** 087680

CHROMATOGRAPHY
germ agglutinin by **affinity chromatography** 083856
Application of **affinity chromatography** for i- 087189
by biospecific **affinity chromatography.** [Su- 087283
variant of **chromatographic analysis** of food 083115
method for gas **chromatographic analysis** of 087223
Reaction gas **chromatographic analysis** of p- 090345
for gas-liquid **chromatographic analysis** of a- 090346
Liquid **chromatography applications** in anal- 083121
Column chromatography of 2-aminoethylph- 084243
of wheat flour by **column chromatography.** 083553
Gas **chromatographic determination** of dieth- 082684
thin layer **chromatographic determination** of 082688
thin-layer **chromatographic determination** of 082860
thin-layer **chromatographic determination** of 082861
Gas-**chromatographical determination** of vol- 083913
Gas **chromatographic determination** of dieth- 084068
thin-layer **chromatographic determination** of 089695
thin-layer **chromatographic determination** of 090365
Gas **chromatographic determination** of NAC 090399
Chromatographic determination of traces of 090406
Different chromatographic forms of Neuros- 087326
Chromatography of **Drosophila** [melanogast- 090501
Different **chromatographic forms** of Neuros- 087326
study of recovery & **gas chromatographic** qu- 082680
Gas chromatographic determination of dieth- 082684
study of recovery & **gas chromatographic** qu- 083021
fats by use of **gas chromatographic** method 083057
Determination by **gas chromatography** of ac- 083065
Gas-chromatographical determination of vol- 083913
Gas chromatographic determination of dieth- 084068
Gas chromatography of C1 to C5 fatty acids 084225
A rapid method for **gas chromatographic** an- 087223
Gas chromatographic method for residue an- 089824
Insect chemosterilants: **gas chromatography,** 090245
Reaction **gas chromatographic** analysis of p- 090345
Gas chromatographic method for residue an- 090371
insecticides. 3. **Gas chromatographic** determ- 090399
Use of **gas chromatography** for studies of d- 091520
Life detection by **gas chromatography**-mass 091543
their products by **gas chromatography.** 083749
method for thin **layer chromatographic** dete- 082688
using partition & this **layer chromatography** 082689
using partition & thin **layer chromatography** 082690
chloride by thin **layer chromatography.** 082777
Semiquantitative **thin-layer chromatographic** 082860
Semiquantitative **thin-layer chromatographic** 082861
chloride by thin **layer chromatography.** 083108
of application of thin **layer chromatography** 083207
germs by thin-**layer chromatography.** 083557
Artemisia: TLC [thin **layer chromatography** 086503
A **thin-layer chromatographic** method for to- 087891
fungicides by thin **layer chromatography.** 089078
Semiquantitative **thin-layer chromatographic** 089695
butoxide by thin **layer chromatography.** 089767
Thin-layer chromatography proof of plant p- 090308
Semiquantitative **thin-layer chromatographic** 090365
of pesticides by thin-**layer chromatography** 090388
Thin-layer chromatography proof of plant p- 091059
High-pressure **liquid chromatography** in sep- 083118
Liquid chromatography applications in anal- 083121
high speed **liquid chromatography** for separa- 083122
in milk by gas **liquid chromatography.** 083327
grassmeals by gas-**liquid chromatography.** 083627
of high-speed **liquid chromatography** to anal- 087244
acids in plants by **liquid chromatography** on 087419
arundinacea) by gas-**liquid chromatography.** 087767
procedure for gas-**liquid chromatographic** an- 090346
Life detection by gas **chromatography-mass** 091543
fats by use of gas **chromatographic method** 083057
of thin layer **chromatography method** for ox- 083207
A thin-layer **chromatographic method** for to- 087891
Gas **chromatographic method** for residue an- 089824
Gel **permeation chromatography** of heated f- 083602
of combined gel **permeation chromatography** 083122
Thin-layer **chromatography proof** of plant p- 090308
gas **chromatographic quantitation** of polychl- 082680
infusion by **chromatography** on **Sephadex** 083160
by **chromatography** on **Sephadex** LH-20 & 083162
liquid-liquid, & liquid-**solid chromatographic** 083120
in mixtures; **chromatographic tests.** 083220
Thinlayer chromatography of sugar compon- 087561

CHROMIC
Evaluation of **chromic catgut,** silk & "vetafil 085081
A **chromic oxide** method for measuring cons- 090756

CHROMIUM
Flow of **chromium** into **apple** fruit during de- 088172
applied Cr. [**Chromium, contamination** beans 092419
Effects of fanleaf & **chrome mosaic** virus dis- 089350
in chicks using **radioactive chromium.** 084342
Effect of **chromium** & **tungsten** on L-ascorbic 084260

CHROMOPHORES
in formation of **chromophores** from **alkaline** 086252

CHROMOSOMES
genes & AB translocation on **chromosomes** 087031
mutants on long arm of **chromosome** 8. [Co- 087032
associated with a3 located on **chromosomes** 087033
of a terminal deficiency in **chromosome** 3. [087080
of Y9 & Bf2 on linkage map of **chromosome** 087088
defective mutants on **chromosome** 6. [Corn] 087089
XI. Male sterile mutants of Y **chromosome.** 090529
Chromosome aberrations from polymitotic. 087021
Map positions on **chromosome** VII of **ade3-** 087103
mutation variability of **chromosomes affected** 086957
properties of an **atypical chromosome** 10. [087018
Chromosomal basis of dosage compensation 090508
Chromosomal changes in maize induced by 086966
interstitial segments. [**Corn chromosomes**]. 087053
Chromosome counts in cultivated junipers. 086718
Mitotic inhibition & **chromosome damage** p- 087051
Pink bollworm: **chromosomal damage** & rep- 089914
locus of Y **chromosome** in **Drosophila** melan- 090506
Interchromosomal effects on chiasma format- 087061
melanogaster. I. **Intrachromosomal effects** 090628
Selective **chromosomal elimation** during hap- 086886
of Drosophila salivary **gland chromosomes** in 090511
Chromosome & **hybridization** studies of bise- 090517
On methods of **identifying chromosomes** of 086829
Chromosomal interchanges from colchicine t- 087022
a line with all **chromosomes interchanges.** [087025
with & without **lampbrush chromosomes.** 090601
On function of germ **line chromosomes** in o- 090600
Chromosomal location of male fertility rest- 086894
homologous puffs of third **chromosome loci** 090619
nondisjunction in B **chromosome** of **maize.** 086887
sex **chromosomal nondisjunction** in meiosis. 084181
Chromosome numbers in genus Oncidium & 086350

Chromosome numbers in Mexican Asterace- 086709
Chromosome numbers in Malawian Commel- 086728
Chromosome numbers in Compositae from s- 086828
Chromosome numbers & karyotypes of some 086858
Chromosome numbers & interspecific hybrids 086985
sieboldi E. Morren: **chromosomes numbers** of 086992
study of maize **pachytene chromosomes.** 086793
of distributively **paired chromosomes** in Dro- 090740
synthesis in relation to **chromosome pairing** 086770
microscope studies of **chromosome pairing** in 090515
Chromosome pairing in oogonial cells of Dr- 090623
in Coprinus. II. **Chromosome pairing** & lam- 090626
rate & **chromosomal polymorphism** in Dros- 090427
male & female larval **polytene chromosomes** 090508
of B-**chromosomes** by **preferential** segregati- 090518
Non-**random chromosome** segregation in spe- 090621
mutagens on **chromosomal reorganization** in 086959
X & Y **chromosomes** during **ribosomal** DNA 090743
of formation of **ring chromosomes** & somatic 087161
Non-random **chromosome segregation** in spe- 090621
Selective chromosomal elimation during hap- 086886
embryos: autosomal & **sex chromosomal** no- 084181
squash technique for **soybean chromosomes.** 086751
old pig's embryos. [**Chromosome studies**]. 084885
of homologous puffs of **third chromosome** lo- 090619
of homologous loci of **third chromosome** in 090823
marker & a **chromosomal translocation** in n- 090844
two different **Tripsacum chromosomes** that 087011

CHRONOLOGY
Chronological changes in cell cycle of chick 084251

CHRYSANTHEMUMS
illumination on **chrysanthemum.** [Indicum]. 087924
impregnated stems **aid Chrysanthemum** flow- 083734
advances in opening bud-**cut chrysanthemum** 088059
shoots of **Chrysanthemum morifolium** by N- 088178
water loss of **potted Chrysanthemums** with 087944
Chrysanthemum stunt virus in Belgium. 089367

CHRYSOMELIDAE
A **chrysomelid beetle** defoliating big sagebru- 089624
alni L. (**Coleoptera Chrysomelidae** Galeruci- 090472

CHRYSOPA
SEE CHRYSOPIDAE

CHRYSOPHYCEAE
Dinobryon sertularia Ehr. (**Chrysophyceae**) 086714

CHRYSOPIDAE
Diapause of Chrysopa carnea (**Chrysopidae:** 090514
persicae, Biological control, **Chrysopa carnea**) 089990
regulation of dormancy in **Chrysopa carnea** 090708

CHURNING
of milk fat in preparing & **churning cream** to 083297

CICADAS
of periodical (seventeen year) **cicada.** [Magi- 090685

CICADELLIDAE
leafhopper (Homoptera: **Cicadellidae**) popul- 089895
Naude species of South **African Cicadellidae** 090955
Kybos Fieb. (**Auchenorrhyncha, Cicadellidae** 090858

CICADIDAE
plebejus (Hemiptera, **Homoptera, Cicadidae** 090482
Cicadidae live with inheritance of their sym- 090830

CICER
of RNA synthesis in **Cicer arietinum** seedli- 088041
Correlation studies in gram (**Cicer arietinum** 088769
seed, & conservation uses. [**Astragalus cicer**] 088460
milkvetch in New Mexico. [**Astragalus cicer** 088463

CICHORIUM
vernalization need" in **Cichorium intybus** L. 087917
yield of chicory (**Cichorium intybus** L.). 088780

CIDER
electron microscopy of yeast colonies. [**Cider** 083764
Alpine cider gum, Eucalpytus archeri Maid- 086361
Acetification in **ciders** & **perries.** 083763

CIDIAL
Apllication of **Cidial** (phenotate) for control 082850

CIIDAE
SEE CISIDAE

CILIA
Oxyrrbis marina & **ciliate Pleuronema** mari- 086757

CIMEX
On susceptibility of bed **bug, Cimex** lectular- 090235
bats occurring in Mexico. [**Cimex pilosellus,** 090277

CINCHONA
Reaction with **Cinchona alkaloids.** 087591

CINGULATA
to latency of fungus. [**Glomerella cingulata**] 089111
problem. [Rhago **letis cingulata**]. 090947
fruit fly in Oregon. [**Rhagoletis cingulata**]. 090069

CINNAMOMUM
SEE LAURACEAE

CIRCADIAN
Control of **circadian rhythm** of locomotor ac- 090705
A re-examination of **circadian rhythmicity** in 090700
compensated aspects of **circadian system** of 090744

CIRCUITS
Control circuits for determination & transde- 090783
Slaughterhouses & **distributive circuits** of m- 083443

CIRCULATION
air compared with **recirculation** of **artifically** 083829
on lobular formation & **blood circulation** in l- 084050
comparative study of **donor circulation** & bu- 085051
exposure of bovine **fetal circulation.** 085048
of investments in basic & **circulating funds** in 082281
Circulating hormone levels in cycling beagle 084775
node function & **lymphocyte circulation** in p- 084040
site condition & **circulation** of **nutrients** in f- 086671

CIRSIUM
SEE COMPOSITAE

CISIDAE
in ciid beetles (Coleoptera: **Ciidae**) inhabiti- 090573

CITRATES
Kinetic studies on **citrate synthase** from pig 084093
partial characterization of **citrate synthase** f- 087821

CITRIC
to evaluation of lemon juice. [**Citric acid** ad- 082790
Effect of **citric acid** on acid & flavour produ- 083323
of glucoamylase & **citric acid** production in 087227
growth of Aspergillus niger & on **citric acid** 087598
Determination of **citric** & **malic** acid in fruits 083749
control with fungicides. [**Xanthomanas citric** 089245

CITRULLINE
Colocynthis citrullus. [**Citrullus colocynthis**] 087633

CITRUS
acid] from exocortis disease. [**Citrus**]. 089418
Rust mite of **citrus.** [Aculus pelekassi, chem- 090048
Fruit bearing zones in **California citrus** trees 088596
Citrus canker & its control with fungicides. 089245
on fruit abscission of various **citrus cultivars** 087938
Degreening citrus fruit with postharvest app- 083698
Dried citrus pulp as a grain replacement for 084566
Florida's program for **economical citrus** pro- 088679
of complex flavor mixtures. [**Citrus essential** 083122
Florida citrus promotion--story of a three-w- 082378
brown rot outbreak in a **Florida citrus** grove 089206
Degreening **citrus fruit** with postharvest app- 083698
Brown rot of **citrus fruit.** [Phytophthora]. 089152
Controlling rind blemish in **citrus fruit.** 089486
analysis of thiabendazole in **citrus fruits.** 082739
brown rot outbreak in a Florida **citrus grove** 089206
Debittering process sweetens **citrus juice.** 083695
of phosphoric acid to **juvenile citrus** tree on 087926
Effect of level of inclusion of **citrus meal** on 084709
of micrometerology in **citrus orchard** & ener- 086654
Survey of outstanding **citrus orchards.** 5. [P- 082195
in technical development of **citrus orchards** 088557
on sprinkler spraying for **citrus orchards.** 4. 091315
Survey of **outstanding citrus** orchards. 5. [P- 082195
Hymenoptera, Chalcidoidea). [**Citrus, pests,** 090055
Summer grove practices. [**Citrus, plant** prot- 089462
of Phyllocnistis citrella in **citrus plants.** 090043
s program for economical **citrus production.** 088679
Florida **citrus promotion**--story of a three-w- 082378
Dried **citrus pulp** as a grain replacement for 084566
controlling insect pests of **citrus** in **Punjab.** 090077
study on integrated control of **citrus red** mite 090054
in sweet orange (**Citrus sinensis** Osbeck.) va- 088197
in sweet orange (**Citrus sinensis** Osbeck). VI 088198
copra, nuts, garlic, beans & **citrus skin** in 1 090311
Studies on leaf oils of **Citrus species.** VI. C- 087987
Debittering process **sweetens citrus** juice. 083695
Novel gel **system, citrus** yield ready-to-eat p- 082939
Composition of leaf oils from ten **citrus taxa** 087987
of fluometuron by **Citrus tissues.** 089747
of phosphoric acid to juvenile **citrus tree** on 087926
growth & nutrient absorption of **citrus trees** 088023
Fruit bearing zones in California **citrus trees** 088596
Lightning & decline of **citrus trees** in Florida 089461
on transmissibility of **citrus tristeza** virus by 089378
of Satsuma mandarin (**Citrus unshu** Marc.) 088095
Mutation of **citrus variety** Tachima-wase in- 087007
Citrus variety improvement in South Africa. 088610
on fruit abscission of **various citrus** cultivars 087938
Herbaceous hosts of **citrus viruses.** 089399
Marketing situation for **winter citrus** in Eur- 082394
Novel gel system, **citrus yield** ready-to-eat p- 082939

CITRUSES
properties of **citrous bioflavonoids** & synthet- 082803

CIVIL
Control of **civil state** by blood groups, 1971 084811

CIVILIZATION
its correlation with diseases of **civilization.** 082925

CLADOSPORIUM
SEE DEMATIACEAE

CLAMPS
Covering **potato clamps** with plastic. [Stora- 083844

CLASSIFICATION
properties of water-extracted **air-classified** s- 083546
particle size by sieving & **air classification.** 083548
for definition & **classification** of **Aizoaceae.** 086730
Land **capability classification** for forestry in 085969
Classification of **certain** pediococci isolated 082778
data to Arid region. [**Land classification**]. 082064
Soil associations & **land classification** for irr- 091679
for analysis & **classification** of **lowlands** in s- 091488
proposition for a new **classification** of **maize** 087073
Selection & **classification** of **mango** rootstoc- 088551
test for **classification** of **Mycobacterium** avi- 085432
a method for **classification** of **permeability** of 091495
On statistics of **classified rural** communities 082502
Soil classification for site evaluation of irrig- 091659
Description & **classification** of **soils** of Japan 091758
Pesticides manual: **classification, toxicities,** 090358
A system of **veld classification** & manageme- 088497
a dynamic quick method to **classify wheat** & 083559

CLAUSENA
dentatin from **Clausena heptaphylla.** 087539

CLAVICEPS
SEE HYPOCREACEAE

CLAY
effect on dispersion of **clay** from **aggregates** 091597
Japanese paddy fields with **alluvial clayey** s- 092188
Mg[magnesium]-waters on a **bentonite clay** 091634
Practical installation of **clay, concrete** & co- 091260
method for determining silt & **clay contents** 091497
by oxides & **clays** with non-**expanding** lattic- 091594
Clay-heat refining of edible oils. 083128
of dicamba in Regina **heavy clay.** 089674
of ground surface in marshy **heavy clay** soil 092046
Splash erosion of loam & silty **clay loam** soi- 092034
exchange properties of **clay** in **loess-derived** 091606
between microorganisms & **clay minerals** in 091510
of polyacrylamide on **clay particles.** 091595
on metabolism of Di-syston in **clay soil.** 090321
Salination & leaching of a sand & a **clay soil** 091658
on swelling of natural clods of a **clay soil.** 091746
on metabolism of Di-syston in **clay soil.** 091837
on swelling of natural clods of a **clay soil.** 091984
Drainage of **clayey soils** of estuary of Chare- 092126
by excised barley roots from **clay suspensio-s** 087660

CLAYTONIA
isolated from Stellaria **media, Claytonia** mo- 089369

CLEANING
Clean milk production. 083369
A **rapid clean**-up procedure for isolation of 082873

CLEARCUTTING
stands from **clearcutting** into **shelterwood** up 085895

CLEARINGS
On rationalization of **forest clearing** & relie- 086065
Existing results of **land clearing** in European 082069
Land-clearing in British Columbia. 091324
Evaluation of **clearing & staining** technique 089897
in socialist competion for **clearing wind**-fall. 085865

CLEAVAGE
Cleavage of 3,4-**benzopyrene**-1,2-carbon 14 088208
by aspergilli-side chain **cleaving enzymes.** [087635
bromide for **stereospecific cleavage** of trigly- 083073

CLIMATE
Weather & **climate** for 1972. 081910
Mulga: a **bioclimatic analysis.** [Acacia aneu- 087909
Climatic characteristic of year 1969 at Nitra 081886
Climatic conditions of a lichen station of Ba- 086631
in large pots under **climatic conditions** of D- 087951
of livestock rearing & **climatic factors** in sta- 083942
Climate factors. [Soybeans]. 087700
Orchard & **climatic factors.** [Apples, pears] 088012
Local climates & speculative crops of north- 081992
Mediterranean climate & agricultural tillage 091580
winter dryness of warm **moderate climatic** z- 088530
consideration of **climatic** & **phenological** co- 088325
under a Mediterranean or **southern climate** 091343
Development of **climate** & **vegetation** of eas- 086617
Relationships between **climatic water** balan- 091500

Effects of **weather climate** on distribution of 087410

CLIPPING
yield, & tolerance to **clipping** of some **cool-s-** 088366

CLODS
treatment on swelling of **natural clods** of a c- 091746

CLONE
Cold hardiness of Malling **clonal apple** root- 087998
gall & normal grape stem single **cell clones** 090050
from sugi plus tree **clones, Cryptomeria** jap- 086035
Wyoming potato **clone evaluaton,** 1972. 088934
I. "small clone" from **Geisenheim clone** 239. 087176
of assessing susceptibility of **Hevea clones** to 089049
local adaptability of Assam **hybrid clones.** 087431
RNA species obtained from **clonal lines** of a- 085583
by pathogenic & **nonpathogenic clones** of Fu- 089201
fruiting trees of some apple **rootstock clones** 089300
Propagating black **walnut clones** from rooted 088847
of piping shoot from **willow clones** with inte- 086722

CLOPIDOL
Efficacy of **clopidol against** twelve strains of 085279

CLOSTRIDIA
Clostridium botulinum control in cold-smok- 082711
A, E, & F. [Food, **Clostridium botulinum**]. 082878
Effects of **Clostridium botulinum** toxin type 085193
for identification of **Clostridium botulinum.** 085485
necrophorum, **Clostridium botulinum** & List- 085589
Selective medium for **Clostridium perfringens.** 085484
chlorinated hydrocarbons by **Clostridium sp.** 091694
Occurrence of **clostridia** in **white** pickled D- 083387

CLOSURE
Soil preparation on **closures** of **sand**-sunes. 092020

CLOUDS
Nutrition clouds & sea: Artificial weather, s- 092104

CLOVER
Dock plants in alfalfa & **clovers.** [Rumex, w- 089690
White **sweetclover--annual** & valuable forage 088549
infected Agallia constricta. [**Crimson clover,** 089929
on physiology of alfalfa & **Ladino clover.** 087718
stands of orchardgrass & **Ladino clover.** 087805
species. [Subetrranean **clover, Lolium** rigid- 087676
calendula, subterranean **clover, Lolium** rigid- 089611
selenite & selenate by barley & **red clover** as 087780
nectar column in corolla tube of **red clover** 087865
quality of summer barley & **red clover** yields 087873
Light & electron microscopy of **red clover** v- 089356
bees for increasing production of **red clover** 091209
Nectar secretion of **red clover** (Trifolium pr- 087866
Rhizobium trifolii. [**Subterranean clover**]. 087887
Sainfoin & **sweetclover--valuable** honey plan- 088969

CLUSTER
distances followed by **repeated clustering** & 091536
A design for **studying clustering** of plant or 082498
in "model" honeybee **swarm clusters.** [Apis 091162

CNEPHIA
biology of blackfly (**Cnephia ornithophilia**). 090829

COAGULANTS
Milk coagulants. Changes that have influen- 083241

COAGULATION
anti-neoplastic, & **coagulation effects** of aqu- 087448
kinetic properties of 3 milk-**clotting enzymes.** 083310
Disseminated **intravasal coagulation** in acute 085653
vegetable rennet from **Withania coagulans.** 083321

COATING
Effect of wax **coatings containing** diphenyl- 083710
Importance & weight of **dip coating** for saus- 083397
Effect of selected **coating materials** on bacte- 082823
of strain by using **photoelastic coating** techn- 086185

COATS
Bees on **coats-of-arms** of cities in Tambov P- 091184
V.I. Leaflet shape, pod & seed **coat colour.** 086974
Fine structure of soybean **seed coat** & its ch- 083558

COBALT
Evaluation of **cobalt arsanilate** for preventi- 085203
esculentum in relation to **cobalt chloride** tre- 089275

COBS
SEE CORNCOBS

COCCIDAE
control of heterochromatization in **coccids.** 090630

COCCIDIA
four merozoite forms investigated. [**Coccidia** 085191
of four other species of **chicken coccidia** dur- 084802

COCCIDIOSIS
against induced **caecal coccidiosis** in chicks. 085372
level on intestinal & **cecal coccidiosis** in chi- 084472
in veterinary practice. [**Chickens, coccidiosis** 085283
Treatment of **coccidiosis** of **domestic** animals 085428

COCCIDIOSTAT
hydroxyquinoline & **pyridone coccidiostats.** 085405

COCCOIDEA
scale insects with chemicals. [**Coccoidea**]. 089531
male of Puto albicans (**Coccoidea-Homoptera**) 090625

COCCOMYCES
fruit. [Leaf spot, **Coccomyces hiemalis**]. 089213

COCKERELS
starving & re-feeding in **cockerels** & **geese.** 084107

COCKROACHES
Histochemical fate of paraoxon in **cockroach** 090188
leg movements during walking in **cockroach.** 090670
nervous systems of of **American cockroach,** 090522
coma & movement of **American cockroach,** 090524
of desert burrowing **cockroach, Arenivaga** sp 090755
cuticle among embryo of **cockroach, Blabera** 090709
Cockroach control. [Blattidae]. 090181
be added to blatticides. [**Cockroach control**] 090211
on presence of **cockroaches** in **Federal** Repu- 090212
of oocytes in **cockroach, Leucophaea** mader- 090649
spacing of males in **cockroach, Nauphoeta** c- 090471
males of **cockroach, Nauphoeta** cinerea. 090704

COCKS
behaviour of White Leghorn **cocks bearing** 084896

COCOA
Conference of West **African cocoa** entomolo- 089830
determination of mycotoxins in **cocoa beans** 082683
of 2-acetoxyethanol in **cocoa beans** & cocoa 083179
A survey of **cocoa diseases** in Uganda. 089043
Field susceptibility of **cocoa mirid,** Sahlberg- 089822
Cocoa research unit University of West Ind- 088942

COCONUTS
of Aceria guerreronis (Keifer). [**Coconuts**]. 089938
rotunda Hampson, a pest of **coconut.** 089988
virus Rhabdionvirus oryctes **against coconut** 090038
analysis in genetics. [**Coconuts, cattle**]. 084860
free protein extraction of **defatted coconut** f- 083791
An anatomical study of **coconut leaves** from 089410
milk diet by either beef tallow, **coconut oil** 084460
Coconut as an **ornamental.** [Cocos nucifera] 088674
Pests & diseases of oil & **coconut palm:** Par- 089937
of Trichospilus pupifora F. [**Coconut pests,** 089987
adults of Oryctes rhinoceros. [**Coconut pests** 090036
as an attractant for **coconut rhinoceros** beet- 090026
of rhinoceros beetle. [**Coconuts, Xyloryetes** 089861

COCOONS
Scope of **bivoltine cocoon** crops in Mysore. 091151

COD
SEE FISH

CODLING
of nonchemical control of **codling moth.** [La- 090021

COFFEE
Sprinkler irrigation for **coffee.** I. Studies on 088963
to study of coffee rust (**Coffea arabica** l.) ca- 089248
Bordeaux mixture spray in **arabica coffee.** 089513
managament: ". .. Up to half of **coffee bean"** 083070
Effect of rain on **coffee blossom.** 087404
limiting factors of rural **coffee culture.** 088966
Coffee fermentation technology. 083049
Nematode problems of **coffee** in **India.** 089503
Keep an eye on **coffee leaf**-miner in Natal. 089791
Coffee market in Belgium-Luxembourg. 082408
agricultural machinery in **coffee plantations** 091372
A quarter century of **coffee production** in so- 082495
Management factors in **coffee production** in 088961
Coffee rust menaces brazil's chief export. I. 089068
Coffee rust, a menace to Brazil's chief expo- 089069
Coffee trade: problems & uncertainties for f- 082372
Redistribution of fungicides in **coffee trees.** 089048
Biopharmacological Effects of **Coffee, Vietri** 083050

COHESION
Engineering properties of **cohesive soil** from 091684

COHO
SEE SALMON

COLCHICINE
effect of various concentrations of **colchicine** 086827
A low molecular weight **colchicine binding** p- 087238
Effects of **colchicine,** using **multiple** interch- 087024
interchanges from **colchicine treatment.** [Co- 087022

COLCHICUM
alkaloid from **Colchicum cornigerum:** X-ray 087349

COLD
Preservation of grains by using **cold.** 1. 083632
Cold acclimation in 'Red Delicious' apple tr- 087937
of microclimates, frost pockets & **cold air** m- 089440
Cold & daylength requirements for flowering 088055
in design of **experimental cold** storage plants 091253
I. Effect of intensity of **cold exposure.** 083246
in sheep before, during & after **cold exposure.** 084276
Ventilation system ... for **cold, free**--stall ba- 091295
Cold hardiness of Malling clonal apple root- 087998
Some effects of **cold** on **horses.** 084148
Cold-induced inhibition of thermal panting in 083246
Winter **cold injury** to fruit nursery stock. 089473
Effect of **cold** on **malting** properties of brew- 083630
Role of **cold** in **meat** preservation for marke- 083482
Forced-draught ventilation with **cold, outside** 083829
Studies on **polethylene cold** storage of fruits 083805
botulinum control in **cold-smoked** salmon: a 082711
of temperature factor in study of **cold soils** 091511
Some questions of rentability in **cold-storage** 082253
Studies on polethylene **cold storage** of fruits 083805
Some questions of rentability in **cold-storage** 083810
in design of experimental **cold storage** plants 091253
to roots of maiden trees held in **cold stores** 089472
disappearnce, following a **cold treat** ment, of 090420
production by preprophase **cold treatment.** 086970
of brief applications of **cold** on **tuberization** 087919
Microbiological evaluation of **cold-water** shr- 083016
Winter cold injury to fruit nursery stock. 089473

COLEOPHORA
Larix occidentalis, **Coleophora laricella**] 090166

COLEOPTERA
on Bruchidius incarnatus Boh. **Coleoptera:** 089949
Staphilinidae (**Coleoptera**) from larval galle- 090004
of male Trypodendron lineatum (**Coleoptera:** 090106
pine weevil, Pissodes strobi (**Coleoptera:** Cu- 090107
beetle, Carpophilus dimidiatus (**Coleoptera:** 090184
on weevils (Curculionidae. **Coleoptera**) & th- 090409
water beetle, Hygrotus sayi (**Coleoptera:** Dy- 090478
of Melanotus communis (**Coleoptera:** Elater- 090492
of male Trypodendron lineatum (**Coleoptera:** 090494
pine weevil, Pissodes strobi (**Coleoptera:** Cu- 090495
Staphilinidae (**Coleoptera**) from larval galle- 090539
of horned passalus beetle (**Coleoptera:** Passa- 090565
Host preference in ciid beetles (**Coleoptera:** 090573
on Bruchidius incarnatus Boh. **Coleoptera:** 090788
Tenebrionidae (**Coleoptera**) from Nepal. 090879
Species of Carabidae (Insects: **Coleoptera**) in 090897
New forms of Lamiinae (**Coleoptera**). 090902
Genus Mecas LeConte (**Coleoptera:** Ceramb- 090923
in Sordidus group of Stator (**Coleoptera:** Br- 090924
of New World Micropeplinae (**Coleoptera:** 090925
from Mexico & Venezuela (**Coleoptera:** Cer- 090926
of three new species (**Coleoptera:** Staphylin- 090941
Tenebrionidae (**Coleoptera**) fauna of Afghan- 090943
A revision of genus Tachinus (**Coleoptera:** S- 090949
beetles of North America (**Coleoptera;** Leio- 090975
Borneo in Bishop Museum (**Coleoptera**). 091018
genus Pseudoperichilus Pic (**Coleoptera**). 091036
of Elateridae of black Africa (**Coleoptera**). 091037
in Oriental region (**Coleoptera, Buprestidae**) 091009
pektusanica] (**Coleoptera, Carabidae**) from 090876
north Japan (**Coleoptera, Carabidae**). 091003
of Bathysciinae (**cavernicolous Coleoptera**). 090414
Berlin. (**Coleoptera, Cerambycidae**). 090901
alni L. (**Coleoptera Chrysomelidae** Galeruci- 090472
in Neogene Europe (**Coleoptera, Cupedidae**) 090931
oryzae (L.) (**Coleoptera, Curculionidae**). 090204
Phyllobius piri L. (**Coleoptera, Curculionidae**) 090545
oryzae (L.) (**Coleoptera, Curculionidae**). 091271
lineatus (L.) (**Coleoptera, Elateridae**) demo- 090548
of Agriotes larvae (**Coleoptera, Elateridae**). 090766
Acanthoscelides obtectus Say, **Coleopt era:** 090064
sbustriatus Steph. (**Coleoptera, Gyrinidae**). 090656
Malachius larvae (**Coleoptera, Malachiidae**) 090177
Dynastini (**Coleoptera, Melolonthidae**). 090881
Acanthoscelides obtectus **Say, Coleopt** era: 090064
of this family (**Coleoptera, Scydmaenidae**). 090896
confusum (**Coleoptera, Tenebrionidae**): varia- 090202
Herbst) (**Coleoptera, Tenebrionidae**), & Sit- 090204
Latr., 1804 (**Coleoptera, Tenebrionidae**). 090483
confusum (**Coleoptera, Tenebrionidae**): varia- 090726
Herbst) (**Coleoptera, Tenebrionidae**), & Sit- 091271
study of troglobiont **Coleoptera Trechidae** T- 090820

COLEOPTILES
response patterns of **Avena Coleoptile.** I. D- 087705
response patterns of **avena coleoptile.** II. In- 087706
Translational control in **barley coleoptiles** by 087689

COLIBACILLOSIS
from pigs with **colibacillosis** in **Canada** & U- 085313
Experimental **peracute colibacillosis.** 085563

COLIC
Diagnosis & treatment of **sand colic** in horse 085746

COLICINS
susceptibility to **colicines** in **Escherichia** coli 085482

COLIFORMS
SEE ESCHERICHIA

COLIGRANULOMA
SEE GRANULOMAS

COLITIS
Acute colitis syndrome colitis "X". [Horses] 085739

COLLAGEN
of soluble bovi ne striated muscle collagen. 084095

COLLECTIONS
Collection of avian blood samples in microt- 084080
puncture for collection of cerebrospinal fluid 085002
Entomological collections of University of 090946
Entomological collections of Zoological Inst- 090973
secretion of calves. collection of exocrine pa- 084104
Fungal collections from Rajasthan State of 086591
Cacao germplasm collection. 088943
based on collections from Gunong Benom & 090912
based on collections from Gunong Benom & 090913
of anthocyanin pigment in Indian collection 086712
in University of Arkansas insect collection. 090897
Identification of lectotypes from collection 090881
diagnostic value. III. Collection of material 085017
aspects of bulk milk collection. [Pseudomon- 082862
Bulk milk collection; an introduction to sub- 083366
Collection of base populations for breeding 087140
Studies on collection, rearing, & biology of 090829
Lamiinae from collections of Zoological Mu- 090901

COLLECTIVES
I. Propostiion for collective farms which beg- 082083
Bringing new collective labor contract into 081982

COLLECTORS
1972 Orchid stamps for collector. 086279

COLLEMBOLA
grote, 1894 (Insecta, Collembola): proposed 090917

COLLETIDAE
Bee fauna of Macedonia. (Colletidae. Andre- 090900

COLLETOTRICHUM
in coffee trees. [Colletotrichum coffeanum]. 089048
caused by Colletotrichum dematium. [Apples 089217
of sugarcane. [Colletotrichum falcatum]. 089086
related fungicides in Colletotrichum musae. 089005

COLLOIDS
Study of colloid-osmotic pressure (COP) of 084336
Recycling. 21. Study of colloidal phase of m- 083376

COLOCASIA
Response of Colocasia to fertility levels. [T- 088768

COLOCYNTHIS
Colocynthis citrullus. [Citrullus colocynthis] 087633

COLON
Colon bacillus--colon serum. [Escherichia co- 085666

COLONIES
in thin sections of colonies of Argentinian 085599
Studies on populations of honey bee colonies 091103
of drone broods by honey bee colonies (Apis 091095
Multiple-colony bumblebee post. [Bombus] 090765
of alcohol-fixed colonies of ruminant Mycop- 085314
Laboratory colonies of insects, mites & ticks 090486
Management of colonies for maximum honey 091102
Establishment of a colony of mice free from 083970
without renewing bees in nurse colonies. 091080
electron microscopy of yeast colonies. [Cider 083764
Artificial housing for yellowjacket colonies. 090254

COLONIZATION
soil microorganisms on colonization of agar 089083
Colonization of host-root & soil by Rhizobia 087886
Colonization of host-root & soil by Rhizobia 087887
Aspects of rat colonization, rat resistance & 092420

COLOR
pH [hydrogen-ion concentration] & color in 084216
Azaleas for May color. 088755
caused by preservatives & color additives in 082881
phenomenon resulting in aleurone color inhi- 087027
Conditional colored & colorless alleles at Cl 087028
in dry sausage by Aspergillus versicolor. 082732
of protein by means of color banding method 083648
Interaction of two basic color factor genes in 086913
acid on basis of Prussian blue colour reacti- 082923
On body coloring of Porcellio scaber Latr. 090459
Physiological colour change in elytra of her- 090680
Color characteristics of traditional vegetable 083222
V.I. Leaflet shape, pod & seed coat colour. 086974
Separation of colored components in black 083160
Conditional colored & colorless alleles at Cl 087028
Interaction of two basic color factor genes in 086913
of vegetables. I. photography of "false color 089561
Rosa flowers in relation to flower colour. 088148
to do without Violet No. 1. [Food coloring] 083078
Coloration of food. 083208
Studies on coloration in fruits of Fuyu kaki. 083803
Studies on coloration in fruits of Fuyu kaki. 083804
of awned condition & grain colour in sorgh- 087009
Plant reflectance & colour infrared photogr- 086304
resulting in aleurone color inhibition in mai- 087027
studies on luminosity of colouring of insects. 090538
with egg yolks of varying color intensities & 082916
Some observations on color measurement of 083145
states & with cytochrome c. [Meat color]. 083464
Non-permitted colours in food & their toxici- 082806
Physiological colour change in elytra of her- 090680
on development of reddish color of peel of d- 083803
for development of reddish color in maturity 083804
Coloring of Satsuma mandarin (Citrus unshu 088095
Note on genetics of skin colour of tuber in f- 086976
effects in doubled haploid Sorghum bicolor 086897
affecting leaf angle in Sorghum bicolor. 086984
Drying degrade, changes in sorption, colour 086153
Color-specific reagnet for identification & s- 089767
Color-time association studies in honey bees 091128
polyphenols to flavour & colour of tobacco. 083577
sex, differenciation & colour variations in a- 090089
prepared with egg yolks of varying color int- 082916
Whirlpool & wort colour. 085062

COLORIMETRIC
Automated colorimetric measurement of free 083595
Palatability & colorimetric characteristics of 082916
using a colorimetric determination for ethyl- 087542
Use of objective colorimetry in ecological & 090538

COLOSTRUM
proteins from blood into milk & colostrum. 084171
of growing calves & in bovine colostrum. 084373
Why colostrum is necessary to a new-born c- 084155
tetanus antibodies in colostrum to newborn 085230

COLZA
of goitrogenic factor from colza cake during 083903
in heptanal & peroside values of colza oil d- 083653
Observations on limitation of colza oil in pr- 083760
on tocopherol content in colza oils differing 083652

COMA
Influence of temperature on chill-coma & el- 090522
of temperature on induction of chill-coma & 090524

COMBINES
function & working quality of combines. 091407
for operation of combine CRF-2,1 when har- 091416
full utilization of grain harvesting combines 091353
in application of combines for harvesting of 091421
Is combine sowing profitable? 091340
Optimalization of combine testing planning 091456
performance of Japanese type combine. 091389

COMBRETACEAE
Chemical constituents of Combretaceae. IV. 087348

COMBRETUM
from heartwood of Combretum hereroense. 087348

COMBUSTION
Versatile combustion-amalgamation techniq- 083020
mercury in fish by oxygen-flask combustion 082734

COMMELINACEAE
numbers in Malawian Commelinaceae. 086728

COMMERCE
Mediterranean & Scandinavia. [Commerce] 082390
insecticide: concept to commercialization. [089890
steers slaughtered in commercial abattoirs. 083456
with an inactivated, commercially available 085228
mortality studies with commercial Bacillus 090134
Role of commercial banks in financing agric- 082224
Anatomy of commercial banks financing to 082226
identified in commercial blackberry essence 083777
composition of different commercial brands 083196
of production & commerce of canned pineap- 082560
Pharmacognosy of commercial caraways. II 086784
effects on oil content of commercial cotton 083657
composition of different commercial brands 083196
Commercial feeds in Kentucky, 1972. 083887
Inspection of commercial feeds. 083902
to broiler litter & commercial fertilizer. [D- 091807
activity of commercial glucoamylase prepara- 083219
residues & technical, commercial, hygienic, 082850
with an inactivated, commercially available 085228
d-quinovoside from commercial Ipomoea pu- 087517
problem of branchiness in major commercial 086109
of home made & of commercial orange juice 083723
hydrolyzates from commercial Philippine sp- 083199
Crossbreeding for commercial pig produceer 084815
Commercial poultry production. 083979
of salmonellae in commercially prepared sa- 082827
How to produce commercial sod. 088589
Commercial quality of rice: Norm of rice qu- 082707
theory to design of commercial reactors for 083130
polycyclic hydrocarbons in commercial rice 083538
How to produce commercial sod. 088589
of branchiness in major commercial species. 086109
Commercial strawberry production. 088828
metabolism, residues & technical, commerci-l, 082850
for insects on commercial vegetable crops in 090002
mite pests of commercial vegetables. 089843
of pesticide residues in commercial zoo feeds 090355

COMMIPHORA
Guggulu (resin from Commiphora mukul)-3 088303

COMMODITIES
butter, peanut meal, & other commodities. 082789
Trading in commodity futures contracts on 082476
storage plants for perishable commodities. [091253
Committee on Commodity Problems, Interg- 082354
Committee on Commodity Problems, Interg- 082355
Committee on Commodity Problems, interg- 082356
Committee on Commodity Problems, Interg- 082357
Committee on Commodity Problems, Interg- 082557
Committee on Commodity Problems, Interg- 082558
Committee on Commodity Problems, Interg- 082559
Wool: a valuable commodity. 083391
Fertilizers: booming world commodity. 091874

COMMUNES
of recombination in Schizophyllum commune: 086929
interactions in Schizophyllum commune. III 086931

COMMUNICATION
Methods of communication among honeybees. 091075
cerevisiae. Communication I interallelic co- 087164
Vetoestrol injections; a short communication 084194
to apple indicators (short communication). 089334

COMMUNITIES
A community of nine: implications for agric- 082651
Algal communities of exposed & protected 086502
Summer algal communities & primary prod- 086667
Cynodonti-Poetum angustifoliae communities 086618
Aquatic communities as indices of pollution 092381
in cooperation. [Community development]. 082050
within European Economic Community with 081908
clearing in European Economic Community 082069
European Economic Community: will Canad- 082325
of EEC [European Economic Community] 082360
Criticism of EC [Economic Community] fa- 082376
within European Economic Community. 082407
chickens in European Economic Community 082524
in E.E.C. [European Economic Community] 082533
beef. [European Economic Community]. 082551
European Economic Community]. 082651
expanded European Economic Community. 082667
in European Economic Community. 082707
expanded European Economic Community. 083233
figures of European Economic Community f- 083254
in E.E.C. [European Economic Community] 085066
salt march epiphytic communities. 086641
control within European Community. 092334
Hot point for community integration. 081907
in mountainous communities, Istuki & Goka- 085939
for economic survival of community life. [U 082006
of peasantry in mountainous communities, I- 085939
of Eragrostis eriopoda in a mulga community. 087903
Weeds & pasture community. 089696
in Australian native plant communities & si- 086381
Production tests in plant communities of m- 086619
Succession of plant communities in foothills 086659
Life form succesion in plant communities on 086660
of mosquito control in a ricefield community 090226
in Nagano Prefecture [Rural community]. 081977
haematobium, rural communities]. 081999
old--"peace time". [Rural communities]. 082015
On statistics of classified rural communities 082502
economic effects on selected communities in 082307
of institutions: report on community, state, 082605
Community utilization by cattle & kangaroos 084711
Village community & paddy agriculture in s- 081926
Yugoslav community & old peasants. [Rural 082017

COMPENSATION
Compensation claims based on an invalid e- 083035
Carbon dioxide compensation points in popl- 088275
Chromosomal basis of dosage compensation 090508
of workmen's compensation insurance carried 082279

COMPOSITAE
Revision of genus Felicia (Asteraceae). 086476
Studies in Eupatorieae (Asteraceae). CXI. 086509
Tribal revisions in Asteraceae. IV. relations- 086515
Tribal revisions in Asteraceae. V. relationsh- 086527
*** 086530
Tribal revisions in Asteraceae. IX. relations- 086532
*** 086534
Studies in Eupatorieae (Asteraceae). CXII. 086535
Studies in Eupatorieae (Asteraceae). CXIII. 086536
Caribbean Melanthera (Compositae). 086567
x Dubautia menziesii) Compositae. 087117
Novel sesquiterpenes isolated in Compositae 087577
of sesquiterpene lactones of Compositae. 087579
studies on viruses of plants in Compositae in 089365

Toxicity of **Helenium amarum** (bitter sneez- 085794
Senecio anonymus Wood, & earlier name for 086568
Rumex obtusifolius, **Cirsium arvense**]. 089590
controlling Canada thistle. [**Cirsium arvense** 089694
of Machaeranthera (**Asteraceae-Astereae**) fr- 086520
somatic crossing-over. [**Crepis capillaris**]. 087161
Taraxacum flora of southern Germany & Au- 086581
cytotaxonomic studies in **genus Taraxacum** 086328
Bacterial blight of **Gerbera jamesonii** incited 089319
incognita Chitwood on **Gerbera jamesonii.** 089488
with a disease of **Chondrilla juncea.** 089381
of deep-rooted weed **Chondrilla juncea** L. 089746
numbers in **Mexican Asteraceae.** 086709
ragwort. [Rumex **obtusifolius, Cirsium** arven- 089590
development of **Xanthium pennsylvanicum.** 087218
germacradienolide from **Liatris provincialis** 087428
germacradienolide from **Liatris punctata.** 087487
studies in genus **Taraxacum section** Palustria 086328
Wood, & earlier name for **Senecio smallii** B- 086568
numbers in **Compositae** from **southwestern** 086828
in roots of deep-rooted **weed Chondrilla** jun- 089746
Sow thistle in field. [**Sonchus, weeds**]. 089698

COMPOSITE

composite populations & pairs of **composites** 087134
for reconstituting a **composite population** in 086973
Studies on weatherability of **composite wood** 086176
on weatherability of **composite woods.** II. An 086183

COMPOST

organic gardening; health **foods, composting,** 088818
using sweage sludge-**garbage composts** as fer- 091806
decomposition during **composting** of **leaves** 091829
Wood waste **composts manufacture** & applic- 086270
Mulch-composting in desert. 091906
Evaluation of **municipal compost** for strip m- 091830
parameters for **optimum composting.** 091828
ingredients of technically **processed compost** 091842
Utilization of **refuse compost** & sewage slud- 091841
Making **composting work.** 091969
combinations with **compost** on **yield** & upta- 087652

COMPOUNDS

acid & some of its **compounds.** [Broadbeans] 087659
of juvenile hormone-**active compound** altosid 090251
Mechanism of humus **compounds affecting** p- 087313
of some new organotin **compounds against** r- 089086
protectants & **alkylating compounds.** 087147
juvenile hormone-active **compound altosid** & 090251
quaternary **ammonium compounds** in milk. 083384
Organo-arsenic **compound applied** for control 089280
among volatile **aroma compounds** in a whis- 083173
Cucurbitacins & **aromatic compounds** from 087488
Organo-**arsenic compound** applied for control 089280
DDT & polychlorinated **biphenyl compounds** 090314
separation & detection of **bitter compounds.** 083118
for determination of **carbonyl compounds** in 083186
U-14C]palmitate into **carbonyl compounds** 083298
screening of **chemotherapeutic compounds** in 085330
concentrations of PCB & **DDT compounds** in 082712
incorporation from **exogenous compounds** in- 087961
Anatomy of **compound feed** industry. 1. Uni- 083892
Metabolism of **flavonoid compounds** during 088235
of nitrogenous **heterocyclic compounds.** 087511
Mechanism of **humus compounds** affecting p- 087313
Compounds identified in commercial blackb- 083777
On tolerance of injectable **iron compounds.** 084087
Reducing power of **compounds** of **iron** with f- 088030
treated with various **mercury compounds.** 090343
from accessory **mineral compounds.** 091727
boll weevil. 4. **Miscellaneous compounds.** [089921
V. Examinations on some **model compounds.** 086179
of hardwood lignin **model compounds.** 086252
studies on amines & **neutral compounds** in e- 083519
Elimination of mineral **nitrogen compounds** 087362
uptake of carbon-labeled **organic compounds** 087743
determination of **organomercuric compounds** 082777
poisoned with **organophosphorus compounds** 085801
action of some new **organotin compounds** ag- 089086
herbicide & insecticide & **compound,** on **pea** 089978
between auxins & **phenolic compounds** in ro- 088073
Effect of **phenolic compounds** in Lycopersic- 090070
different kinds of **phosphoric compounds** on 087875
mobilizing organic **phosphorus compounds.** 091772
Effect of some growth-**regulating compounds** 087330
chemistry of taondiol & **related compounds.** 087615
of pheromones & **related compounds** in resp- 090172
benzodioxoles & **related compounds** & inhib- 090191
properties of some hop **resin compounds.** 083119
Several compounds in Golden Delicious app- 083775
Formation of volatile **sulphur compounds** du- 083581
Bitter **tasting compounds** of beer; chemistry 083119
Characterization of **toxic compound** in ther- 082846
ribonuclease A & model **tyrosyl compounds** 084053
mixtures of these **compounds** with **urea** as 084061
Determination of **vanadium compound** in A- 087225
Identification of **volatile compounds** from h- 082953

COMPRESSION

Shaft lime kilns--**compressed air** or induced 083688
testing of fibers under **compressive flexing.** 083490
cultivation methods & **compression** of **soil** on 092052
body of wood in **transverse compression.** II. 086185
epinasty in movements & **compression wood** 088244

COMPTONIA

Flavonoids from **Comptonia peregrina.** 087537

COMPUTERS

glasshouses using an **analogue computer.** 091267
A **computerized application** of " warehousing 082148
Computer-based **catalog** ov viral diseases of 089811
for moist air using a **digital computer** & plo- 091330
Use of an **electronic computer** for economic 082493
Computers in **food** processing. 083077
cotton by means of a **generalized computer** 086902
A **computerized information** system relating 092241
of **computers** for **phytosociological** table-wo- 086682
Use of **computers** in **scheduling** irrigations. 092169
utilization using **computer technique.** 083452

CONCANAVALIN

interaction of **concanavalin** A, **carbohydrate** 088066

CONCENTRATES

supply with forage & **concentrates** in **case** of 084433
for conventional **dairy concentrates.** [Cattle] 084423
meal on digestibility of a **concentrate diet** f- 084709
locally formulated **emulsifiable concentrates.** 089780
of emulsifiable **insecticides concentrates.** 089779
Changing pH [hydrogen-**ion concentrates**] f- 091630
Israel concentrate used in grapefruit drink in 082341
of adulteration in apple **juice concentrate.** 082877
Fish **protein concentrates:** recent advances. 082805
partial replacement of **concentrate's protein** 084544
digestibility of alfalfa **protein concentrates** 084600
of a detoxified rapeseed **protein concentrate** 084661
application of certain **ULV concentrate** with 089876

CONCENTRATION

Variation in **concentration** of **copper** in blood 084768
in case of high **cow concentration** in depend- 084433
Accumulation of **damaging concentrations** of 089557
On hydrogen-ion **concentration dependence** 087949
when reared with **different concentrations** of 090259
in type of fat at **differnet concentrations** in 082947
to low **concentrations** of delta-**endotoxin** of 089928
of atmospheric **fluoride concentrations** in ur- 089475
temperature on **concentration** of **galactoand** 088031
poisonous & odorous **gas concentrations.** 091954
Gentamicin concentrations in turkey eggs & 084078
Concentrations of **glutathione** precusors in e- 084755
veterinary congress; **concentration** & **health:** 085327
of high ammomia & **humidity concentrations** 085183
of high ammonia & **humidity concentrations** 085184
of high ammomia & **humidity concentrations** 085186
temperature, & **inoculum concentration** to b- 089316
pH [hydrogen-**ion concentration**] on growth 082819
of pH [hydrogen-**ion concentration**] on aflat- 083380
What does hydrogen-**ion concentration** state 083424
slaughter pH [hydrogen **ion-concentration**] 083465
of lactose, pH [hydrogen-**ion concentration**] 083535
liquor pH [hydrogen-**ion concentration**] os- 084113
pH [hydrogen-**ion concentration**] plasma co- 084216
pH[hydrogen **ion concentration**] & oxygen 084252
material, pH [Hydrogen **ion-concentration**] 084370
I. PH [Chydrogen-**ion concentration**], amm- 084550
Effects of pH [hydrogen-**ion-concentration**], 084873
Values of pH [Hydrogen-**ion concentration**] 085801
for pH [hydrogen-**ion concentration**] tolera- 086916
On hydrogen-**ion concentration** dependence 087949
induced pH [hydrogen-**ion concentration**] c- 087950
by pH [hydrogen-**ion concentration**] & Mg 088228
Effect of pH [hydrogen **ion-concentration**] 089660
of fibre length & calcium **ion concentration** 090724
Optimum pH [hydrogen-**ion concentration**] 091094
methods of pH [hydrogen-**ion concentration** 091551
PH [hydrogen-**ion concentration**] dependent 091601
Significance of **ionic concentrations** in inter- 090489
Concentration of **laying** hens rearing is acce- 082552
Some problems of **concentration** of **livestock** 082627
Concentration of **Merino** & Spanea sheep b- 084913
To question of **minimum concentration** of c- 084743
habitat conditions on **nutrient concentration** 087877
Foliar **nutrient concentrations** of some Min- 091942
as affected by soil **oxygen concentrations.** 088023
Effects of cooking on **concentrations** of **PCB** 082712
alcohols in relation to **phenol concentration** 089196
high **phosphorus concentrations** on growth of 089660
Jugular **plasma concentrations** of alpha ani- 084851
Protein concentration & determination of p- 083256
production lay out & **concentration** of **spice** 083693
Low **concentration sprays** of napthalene ace- 087755
What does hydrogen-ion **concentration state** 083424
swine liver. I. **Concentration** & **subcellular** d- 084029
washing & **substrate concentration** on respir- 084873
pear-varieties with **sugar-concentration,** time 088104
as a function of **temperature, concentration** 083174
Effect of **concentration** on **thermal**-conductiv- 083299
pear-varieties with sugar-**concentration, time** 088104
On **transferrin concentration** in blood serum 084373
acids in **various concentrations** to growing p- 084388
analysis of effect of **various concentrations** of 086827
rhinotracheitis] **virus** & **concentrations** of s- 085183
given to sows on **concentration** of **vitamin** " 084339
sperm **concentration, washing** & substrate c- 084873

CONCRETE

Bamboo concrete fence posts. 091270
Practical installation of **clay, concrete** & co- 091260
silo built with **prefabricated concrete.** 091251
Concrete wears down hoofs. Results of Ger- 085779

CONDENSED

to improvement of **condensed milk** produced 083280

CONDITIONING

airborne microorganisms in **air conditioning** 092308
of soil textures on **soil conditioning** with an 091598
of water transmission in **conditioned soils.** 091891

CONDUCTIVITY

or electrolytic **conductivity detection.** 089675
Electric conductivity of various early-ripeni- 087653
Considerations for **conducting investigational** 082794
degradation by **conductometric particle** coun- 086132
of concentration on **thermal-conductivity** of 083299
AS-MX phosphatase) in **conducting tissues** 087570

CONES

A new Voltzialean **cone bearing** seeds with 086346
chemical composition of hop **cones, genetic** 087699
taxonomic status of spruce **cone moth.** [Dio- 090927
Lower Pennsylvanian **noeggerathialian cone** 086565
Seed losses reduced in Virginia **pine cones** 086088
Cone production in Fraser firs infested by b- 090121
dating from derivatives of **sugar cone** (hone- 084431
American cycadeoids: **Williamsonian cones** f- 086564

CONFINEMENT

Peasant environment in **confines** of **Anjou,** 081986
Social behavior in **confined populations** of h- 090565
should know about **swine confinement.** 083958
residues in body tissues of **turkeys confined** 090349

CONGENITAL

Congenital arthrogryposis associated with i- 085774
Bovine congenital defects: arthrogryposis & 085632
Congenital cerebellar ataxia in Gotland Po- 085765
Congenital heart disease in dog. 085605
Porcine **congenital infection** due to Mycoba- 085472

CONIDIUM

Conidiation of **Aspergillus** nidulans in subm- 087421
temperature storage of **conidia** of **Erysiphe** 086294
currant. II. Infection & **conidium formation** 089159
Conidium ontogeny in hyphomycetes. blasto- 086744

CONIFERAE

propagation; preliminary report. [**Coniferae**] 086017
Coniferopsida (Coniferoph ta) 9. **Coniferae.** 086402
Oligochaeta) in Norwegian **coniferous forest** 091689
for study of four high-**mountain coniferous** s- 086685
increment of five **coniferous species** in forest 085976
of European beech on **coniferous stand** soils 091663
myrsinites, Purshia **tridentata, Coniferae**]. 089209

CONIFERS

roots of germinating seeds in some **conifers.** 088259
on water economy & hardiness of **conifers.** I 088300
indivisa Danil.--new leaf roller. [**Conifers**]. 090141
of four important British **Columbia conifers** 088260
on interception loss in **conifer crowns.** 088264
fall in a new South Wales **conifer forest:** A 088272
attack at Silkeborg, 1972. [**Conifers, insect** 090118
retention in mixed **conifer litter,** duff & soil 085817
spatial patterns in accession of **conifer litter** 091643
rates in young-growth, **mixed-conifer** stands 086264
on growth & development of a **mixed conifer** 089575
Pathological anatomy of **conifer needle** necr- 086743
Persistence of **conifer needles** as a feature of 088281
A new **conifer** from **Upper** Cretaceous of ce- 086347
Wood chemistry of **western conifers;** questi- 086267
hyphomycete from **western conifers.** 086432

CONJUGATE

properties of amino **acid conjugates.** 087411
production: suppression of **auxin conjugation** 088154
Conjugation in **dimorphic** chromomycosis fu- 087413
with model carbohydrate-**protein conjugates** 088066

CONODERUS

transplanting flue-cured tobacco. [**Conoderus**] 089968
a drip irrigation system. [**Conoderus exsul,** 089925
isolated agricultural area. [**Conoderus falli**] 090031

CONOTRACHELUS

of a nut curculio, **Conotrachelus carinifer** Ca- 090061

CONSCIOUSNESS

feeding with **conscious responsibility.** 083166

CONSERVATION

Resource gene pools & their **conservation.** [086013
for hay, pasture, seed, & **conservation** uses. 088460
a practical step to **aid conservation.** [Cactac- 086287

Nature **conservation area** Luneburger Heide 092405
Energy **conservation capacity** & morphologi- 084794
Soil erosion-- disease; soil **conservation**-- **cu-e** 092021
Role of **conservation districts** in land use pl- 092058
Energy conservation capacity & morphologi- 084794
works schemes & **environmental conservation** 092356
Modern **conservation farming.** 092044
Conservation of **forest** gene resources within 085818
of western Siberia. [**Forest conservation**, lo- 085881
Conservation of **forest** tree gene resources in 086010
Freeze-conservation of imaginal discs & larv- 090841
Freeze-conservation of imaginal discs & larv- 090842
Gene conservation in relation to forestry pr- 086011
Conservation as a goal. [Natural resources] 092368
Progress in **grass conservation.** [Feed]. 083874
methods of harvest & **conservation** of **grass** 083905
Conservation of **green** food by cooling & by 083888
Ultrastructural findings in **liquid conserved** 084887
Siberia. [Forest **conservation, logging**]. 085881
Conservation in **Malaysia.** VII. Seven--nati- 085956
Modern conservation farming. 092044
Nature conservation & biological control of 090146
environmental control & **nature conservation** 091083
Humanizing earth. [**Nature conservation**]. 092297
Nature conservation area Luneburger Heide 092405
Nature conservation & biological control of 092406
Territory, from view of **nature conservation** 092408
Conservation of **nature** & recreation. II. 092433
Physical conservation of parental cytoplasm- 086764
health importance & **conservation problems.** 085807
findings in liquid **conserved ram** semen after 084887
productivity. [Natural **resource conservation** 092362
utilisation & water & **soil conservation.** [N- 085863
Soil erosion-- disease; **soil conservation**-- cu- 092021
development of forest **soil conservation** & i- 092041
Soil conservation & dry farming in Telenga- 092045
utilisation & water & **soil conservation.** [N- 092057
Water conservation in beet sugar industry. 083717
high-flow years. [**Water conservation**]. 092271
Wilderness conservation & generation of ele- 092357

CONSERVATIONISTS

is an integral part of **conservationist work.** 092413

CONSUMERS

during transport from supplier to **consumer.** 082769
to livestock industry & **consumer.** I. Objecti- 082793
to livestock industry & **consumer.** II. Consi- 082794
to livestock industry & **consumer.** III. Info- 082795
to livestock industry & **consumer** IV. Appro- 082796
to livestock industry & **consumer,** v. Statisti- 082797
to livestock industry & **consumer.** VI. Produ- 082798
during transport from supplier to **consumer.** 083288
to livestock industry & **consumer** IV. Appro- 083881
to livestock industry & **consumer.** VI. Produ- 083882
Consumer attitudes & store performance: fo- 082867
Adjustments in **consumer behaviour** with re- 082430
Total **consumer buying** of fresh versus proce- 082509
Consumer education to boost sales of poultry 082451
rating standards for **consumer** to **evaluate** m- 082729
interpretation & **consumer expectation.** 083036
efforts of producer & **consumer** for **future** g- 086265
efforts by producer & **consumer** for **future** g- 086266
adequacy of foodstuffs & **general consumer** 082756
system from tree to **lumber consumer.** 086128
What **consumers** are **paying** in world marke- 082370
of public efficacy & **consumer qualification** of 082720
Influence of **consumer** & **retailer** attitudes on 082724
underway among asian **rice consumers** as sh- 082374
Total consumer buying of fresh versus proce- 082509
Cooperative laboratory & **young consumers.** 082340

CONSUMPTION

with ingestion of erucic **acid consumed** by I- 082706
I. Weight gain, feed **consumption , body** me- 084879
Two cases of **consumption coagulopathy** dur- 085416
amino acids in young men **consuming diets** d- 082908
Studies on **consumption, digestion** & utilisat- 089763
Prices & **consumption** in **European** Common 082405
of rice quality for **consumption** in **European** 082707
cattle. I. Weight gain, **feed consumption** , b- 084879
Estimates of **consumption** of **fertilisers** by di- 091870
on forage yield & on **fodder consumption** by 084432
Food consumption & calorie & nutrient inta- 082978
on growth rate, voluntary **food consumption** 084190
on milk for **consumption** within new **frame** of 082605
Some seaweed **consumed fresh** in Phillippin- 083198
meat, fish, poultry & wild **game consumption** 082461
of foodstuffs & **general consumption** items. 082753
excretion in preadolescent **girls consuming** a 082905
for milk used for **human consumption.** 082604
Italian consumption in 1980. [Agricultural 082406
of foodstuffs & general **consumption items.** 082753
A measure of human **labour consumption** of 082119
trade, & **consumption** of **leguminous** plants. 088484
oxide method for **measuring consumption** in 090756
Means of regulation of **meat consumption.** 082595
Serum amino acids in young **men consuming** 082908
in production & **consumption** of **milk** & dairy 082587
temperatures on **oxygen consumption** in pig 084267
contents & **oxygen consumption** in hibernat- 089936
Observations on **oxygen consumption** of lar- 090481
contents & **oxygen consumption** in hibernat- 090753
poultry & wild game **consumption patterns** 082461
danger. [Filberts **production, consumption**] 082318
Micronutrients in food **salt consumed** in Ita- 082913
Some **seaweed consumed** fresh in Phillippin- 083198
production & **consumption** during **seventies** 091946
of intake & **specific consumptions** of electric 091303
Fruit & **vegetable consumption** in world. 082351
World-**wide consumption** of meat. 082463
Consumption of **wine** & other beverages in 082504

CONTAINERIZATION

Xenopsylla cheopis in **containerized cargo.** 090247

CONTAINERS

little damage to bottle caps. [**Containers**]. 086262
Growing street trees in **containers.** 088652
Growth response of **container-grown** woody 088061
Temperature control of **plant containers** un- 088048
Tin **plate container** has considerable market- 083580
Efficacy of different **storage containers** on s- 083599

CONTAMINANTS

terphenyls as **potential contaminants** of ani- 082679

CONTAMINATION

on proteinase inhibitors. [**Contamination**]. 082668
in dark & milk chocolate. [**Contamination**]. 082810
to solubilized fish protein. [**Contamination**] 082822
of avian egg shell. [**Contamination**]. 082823
environmental problem. [**Contamination**]. 082839
on proteinase inhibitors. [**Contamination**]. 083496
of avian egg shell. [**Contamination**]. 083517
antibiotics in animal feeds? [**Contamination**] 084631
environmental problem. [**Contamination**]. 084632
dichlorophenoxyacetic **acid contamination** of 089449
Rapid detection of **aflatoxin contamination** 082686
Elimination of **bacterial contamination** from 088165
applied Cr. [Chromium, **contamination beans**] 092419
Aspergillus flavus, **corn, contamination**]. 088563
research on **contamination** of **environment** by 092400
chemical disinfectants. [**Food contamination** 082678
for aflatoxin B1. [**Food contamination**]. 082693
of lard production. [**Food contamination**]. 082754
occurrence. [Water, **food, contamination**]. 092452
chemical control of **contaminated foods.** Pr- 082858
chemical control of **contaminated foods.** II. 082859
chemical control of **contaminated foods.** Pr- 090363
chemical control of **contaminated foods.** II. 090364
food industry. [Dairy **plants, contamination**] 083338
Cesium, radioactive **contamination, plants**]. 087574
Radioactive contamination of environment 082677
Investigation of **radioactive contamination** of 082722
Cs. [Cesium, **radioactive contamination,** pla- 087574
A survey on **Salmonella contamination** of ch- 082834
Water contamination not likely. [Herbicides 092427

CONTARINIA

sorghum spikelet. [**contarinia sorghicola**]. 089911

CONTOURS

water distribution on a **contour-trenched** ar- 091768

CONTRACTS

marketing factors to **contract broiler** growers 082429
Contract farming. 082031
Trading in commodity **futures contracts** on 082476
Bringing new collective **labor contract** into 081982
line of sight on close of **time contracts** for d- 082478

CONVECTION

of canned food heated by **convection.** 083117
High temperature **convective drying** of toba- 083678
Investigations on **convection drying** of lumb- 086153

CONVERGENCE

Notes on zoogeography, **convergent evolution** 090912
on zoogeography, **convergent evolution** & ta- 090913

CONVERSION

Conversion of **arginine** to proline in chick. 084266
Conversion of **ascaroside** esters to free asca- 085401
miquel, & its **chemical conversion** into dap- 087427
milk phospholipid **conversion factor:** a note 084184
ascorbic acid on body gain & **feed conversion** 084341
Gain, **feed conversion** & carcass traits of sw- 084580
recombination & **conversion frequencies** are 086766
of factors **influencing conversion** of feed-nutr- 084613
Results in **conversion** to more **intensive** field 088813
Central yards of **mechanized conversion** set 086234
Efficiency of **conversion** of **royal** jelly during 091163
Corylus avellianа] on **conversion stands.** 086079
Action & **conversion** of **urea**-herbicides in pl- 089683

CONVEYORS

Elements of roll **conveyor design** for sawmil- 086196

CONVOLUTION

prediction by **convolution** of **antecedent** rain- 092280

CONVOLVULACEAE

species in Exogonium (**Convolvulaceae**). 086513
genus of **Convolvulaceae** from **Madagascar.** 086511

COOKERY

of raw beef steaks ready for **cooking.** 082673
soybean seed coat & its changes on **cooking** 083558
Nitrosopyrrolidine in **cooked bacon.** 082694
Effects of **cooking** on **concentrations** of PCB 082712
Cooked corn germ: composition of fractions 083548
tetrachlorodibenzo-p-dioxin in **cooked fat** c- 082682
Maturing, smoking & **cooking** in **industrial** 083417
cooking & a new means of **measurement.** 082958
of aging, freezing rate & **cooking method** on 082959
sulphur compounds during **pressure cooking** 083581
blight resistance & **cooking quality** of potato 089395
in foods. IX. Effect of **cooking** on **removal** of 082735
Pesticide residue levels in **cooked rice** & no- 090327

COOL

with recirculation of artificially **cooled air.** [083829
prospect on farming in high **altitude cool** re- 082096
growth of micro-organisms on **chilled beef** sl- 082815
Flexibility in **cooling chain** with Igloo-Flex 091434
Influence of temperature on **chill-coma** & el- 090522
of temperature on induction of **chill-coma** & 090524
Modern milking & milk **cooling equipment** 091432
Chilling injury of stored limes & grapefruit 083743
Chilling injury in green banana fruit: chang- 089514
Influence of **chilling** on **ion** uptake by roots. 087646
Aspects of **cooling meat** & meat products in 083416
Cool season problem of grass tetany on incr- 085698
tolerance to clipping of some **cool-season,** s- 088366
Effects of heating & **cooling spinal** cord & h- 084268
of green food by **cooling** & by **storage** in ae- 083888
leaves & fruit, related to **cool temperatures** 088049
Application of chlorination to **cooling water** 082834

COOLERS

in cooling chain with Igloo-**Flex cooler.** [Da- 091434

COOMB

on standardization of antiglobulin (**Coombs**) 085480

COOPERATIVES

Mid-New York]--experiment in **cooperation.** 082050
possible savings through **active cooperation.** 082209
peasant economy, **agricultural cooperation** & 081964
development by **agricultural cooperative** : a 082159
confronted by local **agricultural cooperatives** 082160
farms from **Agricultural Cooperative** "Inain- 082172
of Swiss **Agricultural Cooperatives** guarantee 082286
calls for new **agricultural cooperation.** 082389
of Swiss **Agricultural Cooperatives** testing c- 084679
Amelioration cooperative "Elbaue" Neuhaus 082124
Experience of **Cooperative Association** Spre- 082565
area: producer's **associations-cooperatives** a 082088
in handling money--**cooperative banks.** 082295
Dairy **cooperative boosts** area's income. 082117
National **Cooperative Council** for Agriculture 082113
Long term **cooperative credit** in Gujarat; a 082125
Dairy cooperative boosts area's income. 082117
Organization for **Economic Cooperation** & 082412
Progress in German-**Egyptian cooperation** in 081999
Cooperative enterprise form in dairy cattle 082184
Cooperative farm of Vippachedelhausen gains 091857
clear-water sprinkling by **cooperative farm** 091858
Farmer cooperatives in fertilizer business. 082186
Legal phases of **farmer cooperatives:** sample 082187
Farmer cooperatives in fertilizer business. 091996
of its extension in **cooperative farms.** [Hung- 082132
of Swiss Agricultural **Cooperatives guarantee:** 082286
diagnosis by **interdisciplinary cooperation.** 085106
Cooperative laboratory & young consumers. 082340
Livestock cooperatives. [Cattle]. 081947
agricultural circles & **cooperative machine** b- 082503
case study on **Miyada Cooperative** in Naga- 082160
instructions in handling **money--cooperative** 082295
National Cooperative Council for Agriculture 082113
price in agricultural **production cooperatives** 082282
phase of fattening in **cooperative production** 085549
Value of **cooperative research** between ento- 090549
Cooperation in **rural** area: producer's associ- 082088
Cooperation between **state** & private farms 081981
Scientific-**technical cooperation** with foreign 085111
Long **term cooperative** credit in Gujarat; a 082125
of Swiss Agricultural **Cooperatives testing** c- 084679
Cooperative timber marketing. 086092
of Zerbst "Meat Swine" **cooperative union.** 082129

COOPERIA

Trichostrongylus, **Cooperia oncophora**]. 085341
in yarded cattle. [**Cooperia, Ostertagia,** & T- 085570
Ostertagis, **Trichostrongylus, Cooperia**]. 085340

COOPERS

Cooper levels in diets for growing pigs. 084562

COPOLYMERS

On effect of synthetic **copolymer Curasol AE** 092053
Isolation of **graft copolymer** from Larix lep- 086201

COPPER

Zinc-**copper antagonism** in nutrition of rice 087857

Study on liver & **blood copper** content of ca- 084157
in concentration of **copper** in **blood** plasma 084768
of liming & of magesium, **boron, copper,** & 087873
A study of unexchangeably **bound copper** to 091719
Effect of **copper** on **certain** physiologicbioch- 087655
Determination of **copper content** of foodstuf- 083204
Study on liver & blood **copper content** of ca- 084157
Copper deficiency in rat. Effect on ultrastru- 084074
Influence of supplemental **dietary copper** & 084582
summer season. XI. effect of **copper** & **flood** 089519
of nitrogen, phosphorus & **copper** on **grain** y- 091833
Copper-induced chlorosis in Becium homblei 089558
Effect of **copper ions** on catalase activity of 087296
Distribution of **copper** & **iron** in heterotroph- 087983
soil complex. [Zinc, manganese, **copper, iron**] 091605
Further studies on high **level copper** supple- 084507
of soil complex. [Zinc, **manganese, copper,** i- 091605
Copper metabolism in young women fed two 082909
Copper & molybdenum in swayback pastures 087774
aspects of determination of **copper-oxidase-** 085102
Synergism of iron & **copper** in **process** of ab- 082902
fed two levels of **copper** & two **protein** sour- 082909
Copper in **rice** fields. [Weed control]. 089671
studies on high level **copper supplements** in 084507
of iron through variable **copper supply.** [Fe- 084434
of simultaneous addition of **copper** & **zinc** to 084397
Zinc-copper antagonism in nutrition of rice 087857

COPRA
in almonds, hazel-nuts, peanuts, **copra, nuts,** 090311

COPRINUS
Meiosis in **Coprinus.** II. Chromosome pairi- 090626

COPULATION
glucose level during **copulation** in **boar.** 084034

CORCHORUS
SEE JUTE

CORD
in evaluation of spinal **cord lesions.** 085615
Effects of heating & cooling **spinal cord** & h- 084268
Cervical **spinal cord.** [Veterinary medicine] 085617

CORDIA
of corn smut (Ustilago maydis (Dc.) **Corda)** 086794
teosinte smut (Ustilago maydis (Dc.) **Corda)** 086795
from Chiloscyphus polyanthus (L.) **Corda.** 087373
of corn smut (Ustilago maydis (Dc.) **Corda)** 089141
teosinte smut (Ustilago maydis (Dc.) **Corda)** 089142
Pollen studies in **genus Cordia** (Boraginaceae 086348

COREIDAE
Insecta: Hemiptera-Heteroptera: **Coreidae):** 090922

CORIXIDAE
On migration of **Corixidae** (Heteroptera) ba- 090441

CORK
of "d"Anjou" pears affected with **cork spot** 089496

CORMS
makiyataroi] with an **interesting corm.** 086703

CORN
rapid screening method for aflatoxin in **corn** 082681
screening methods for aflatoxin in **corn.** 082687
Corn; dry processing. 1. 083634
Taxonomy of Zea mays (Gramineae). [**Corn**] 086474
root development in Zea mays. [**Corn**]. 086815
spike into a four-ranked spike. [**Corn**]. 087012
at different developmental stages. [**Corn**]. 087017
of an atypical chromosome 10. [**Corn**]. 087018
for translocation TB-9b. [**Corn**]. 087019
aberrations from polymitotic. [**Corn**]. 087021
from colchicine treatment. [**Corn**]. 087022
Unusual property of Cl locus. [**Corn**]. 087023
multiple interchange heterozygotes. [**Corn**]. 087024
with all chromosomes interchanges. [**Corn**]. 087025
in certain of information in that list. [**Corn**] 087026
colored & colorless alleles at Cl locus. [**Corn**] 087028
affecting anthocyanin distribution. [**Corn**]. 087029
AB translocation on chromosomes 10. [**Corn**] 087031
mutants on long arm of chromosome 8. [**Co-n**] 087032
with a3 located on chromosomes 3. [**Corn**]. 087033
located by A-B translocation method. [**Corn** 087034
Yg4 allelic to oy, designated Oyyg. [**Corn**]. 087035
in a shrunker-2 (sh2) population. [**Corn**]. 087037
isozymes of malate dehydrogenases. [**Corn**] 087038
wilt, Corynebacterium nebraskense. [**Corn**]. 087039
activity in half opaque-2 kernels. [**Corn**]. 087040
induced sominant mutation. [**Corn**]. 087042
of pollen grain size in diallel. [**Corn**]. 087043
with marker loci in linkage group 10. [**Corn** 087044
frequency in microsporocytes. [**Corn**]. 087045
mid synizesis (probably pachytene. [**Corn**] 087046
inversion 5083 & proximal to it. [**Corn**]. 087047
produced meiotic abnormalities. [**Corn**]. 087048
Genetics of photoperiodism in **corn.** 087050
BUdR) in Zea mays L. root tip cells. [**Corn** 087051
cycle: a parameter for selection? [**Corn**]. 087052
parent on androgenesis frequency. [**Corn**]. 087055
of a defective seed trait. [**Corn**]. 087057
nontunicate to Tunicate mutations. [**Corn**]. 087068
Cytoplasmic male sterility research. [**Corn**] 087069
introgression between Tripsacum & **Zea.** 087072
loss plants in double fertilization. [**Corn**]. 087078
hybrids with genotype trflrflrf2rf2. [**Corn**]. 087079
terminal deficiency in chromosome 3. [**Corn** 087080
sac development in high-loss plants. [**Corn**] 087081
gene redundancy in Zea mays. [**Corn**]. 087082
in hybrids on sterile cytoplasm. [**Corn**]. 087083
on intragenic recombination. [**Corn**]. 087085
modifier gene of Cll locus confirmed. [**Corn**] 087086
cross hybirds with sterile cytoplasm. [**Corn**] 087087
Bf2 on linkage map of chromosome 1. [**Corn**] 087088
defective mutants on chromosome 6. [**Corn**] 087089
W8657 with chromocome 6 markers. [**Corn**] 087090
two different male-sterile cytoplasms. [**Corn** 087095
Control of millet varieties in **corn.** 087098
populations & pairs of composites. [**Corn**]. 087134
inbred lines in intervarietal cross. [**Corn**]. 087148
C4 [carbon] plants. [**Corn**]. 087681
mays: red-far red antagonist effect. [**Corn**]. 087687
productivity in zea mays L.) . [**Corn**]. 087730
mutational variability of **corn.** 087751
of stature mutant nana-1. [**Corn**]. 087792
to different temperature & nutrients. [**Corn**] 087793
in W22 Pr pericarp & cob glumes. [**Corn**]. 087798
Misuse of term "vivipary". [**Corn**]. 087801
Sucrose transport at tonoplast. [**Corn**]. 087817
opague-2 Zea mays during imbibition. [**Corn** 087818
cycle in root meristem of Zea mays. [**Corn**] 087879
used in breeding for protein quality. [**Corn**] 087911
observations on wheat & **corn.** 088397
on cell membrane permeability. [**Corn**]. 089138
toxin -search for phytoalexin. [**Corn**]. 089193
of Helminthosporium maydis race T in **corn** 089200
maydis leaf blight in Sierra Leone. [**Corn**]. 089231
wilt, Corynebacterium nebraskense. [**Corn**]. 089307
Weed control in **corn.** 089588
simulated insect defoliation in **corn.** 089918
of abscission layer development in **Zea.** 087016
menthanesulfonate] seed treatment. [**Corn**]. 087020
mutation: source of cytoplasm. [**Corn**]. 087056
double cross hybrids on sterile basis. [**Corn**] 087091
black spot maturity & filling period. [**Corn**] 087094
as influenced by transmissible disease. [**Corn** 089211
Cicadellidae) population densities on **corn.** 089895
Aerating corn for short-term storage. 083524
Efficient transportation of **corn** in **Alabama.** 082400
of malathion & metaisosystox on **corn aphid** 089880
fed combinations of wheat, **beans, corn,** milk 082906
carbon 14 by higher plants. [**Beans, corn**]. 088208
in plant mitochondria. [Kidney **beans, corn**] 089541
parasites in control of European **corn borer,** 089859
of diapause of southwestern **corn borer,** Dia- 089927
Control of **corn borers** & aphids in peppers 090098
use of mutations in **corn breeding.** 086940
interstitial segments. [**Corn chromosomes**]. 087053
yield & quality in **corn** under **conditions** of 087863
Aspergillus flavus, **corn, contamination**]. 088563
Cocked corn germ: composition of fractions 083548
Inheritance of a new brachyism in **corn, zea** 086896
Stem break disease of **corn** a **criteria** in sele- 089173
Corn culture. 088501
Mechanical weed ocntrol in **corn culture** is t- 089684
Operon". [Alcohol **dehydrogenase, corn,** gen- 087075
of date of pollen shedding in a **corn diallel** c- 087041
major genes for resistance to **corn earworm** 086986
of tobacco budworm & **corn earworm** males 089916
major genes for resistance to **corn earworm** 089926
Response of instars of **corn earworm** Heliot- 090015
feeding motions & rhythms of **corn earworm** 090644
of ribonuclease activity in **corn endosperm.** 086868
method for inoculation of **corn** with **Erwinia** 089313
of parasites in control of **European corn** bor- 089859
Millet type weeds of **corn fields.** 087097
glow. [Aflatoxin, Aspergillus **flavus, corn,** c- 088563
irradiation on inbred lines of **flint corn.** 086837
on excised leaf sections of **corn foliage.** [Sp- 090566
applying mineral fertilizers to **corn** in **forest** 082290
maydis (Nisk & Miyaki). [**Corn, fungus** dise- 087066
of bivalent separation. [**Corn, genetics**]. 087049
for nomenclature changes. [**Corn, genetics**]. 087063
Alcohol dehydrogenase, **corn, genetics**]. 087075
Cooked **corn germ:** composition of fractions 083548
Petunia hybrida, Nicotiana **glauca, corn**]. 088233
methods on nutritive value of **corn grain.** [R- 084722
Corn head smut. [Sphacelotheca reiliana]. 089164
earworm in maize inbreds. [**Heliothis zea**]. 086986
in Arizona. [Heliothis **zea, Heliothis** viresc- 089910
species. [Heliothis virescens, **heliothis zea**] 089916
earworm in maize inbreds. [**Heliothis zea**]. 089926
of instars of corn earworm **Heliothis zea** (L- 090015
rhythms of corn earworm (**Heliothis zea**) la- 090644
resistance in **corn** to **Helminthosporium** ma- 086899
resistance in **corn Helminthosporium** maydis 089144
host & pathogen. [**Corn, Helminthosporium**] 089188
resistance in **corn Helminthosporium** maydis 089691
performance of ruminants fed **high corn** rati- 084568
1972 west Virginia **hybrid corn** performance 088542
yield capacity of high-lysine **corn hybrids.** 088541
Helminthosporium maydis on **corn hybrids** 089210
to two susceptible sweet **corn hybrids.** 090015
of canned tomato juice & whole **kernel corn** 082960
Nitrate reductase activity in **corn leaves** as 086903
Improving yield capacity of high-**lysine corn** 088541
Avraham Shlomi--Israel's **corn man.** [Plant 087065
Taxonomy of **Zea mays** (Gramineae). [Corn] 086474
of a new brachyism in corn, **zea mays** L. 086896
intergradation among cultivars of **Zea mays** 086926
bromodeoxyuridine (BUdR) in **Zea mays** L. 087051
for redundant segments in **Zea mays** genome 087058
of ribosomal gene redundancy in **Zea mays.** 087082
of self-pollinating lines of maize (**Zea mays** 087125
wheat (Triticum vulgare) & maize (**Zea mays**) 087666
monoor bichromatic illumination of **Zea ma-s:** 087687
for juvenile productivity in **zea mays** L.) . [087730
Seed viability of maize (**Zea mays** L.). 087800
trueVivipary" in maize (**Zea mays** L.). 087802
endosperm of normal & opague-2 **Zea mays** 087818
cell cycle in root meristem of **Zea mays.** [C- 087879
on mineral composition of maize (**Zea mays** 087860
fed combinations of wheat, beans, **corn, milk** 082906
Tan necrotic (nec-E409). [**Corn mutant**]. 087036
in spite of bad weather. [**Corn, oats**]. 091919
having greater sensitivity. [**Corn oil**]. 082965
endosperm of normal & **opague**-2 **Zea** mays 087818
low freezing. [Wheat, **corn, peas**]. 087744
1972 west Virginia hybrid **corn performance** 088542
of DDT, gusathion & lebaycid on **corn pests** 089881
Fermentation industry--**pharmaceuticals, co-n,** 092444
varieties, & maturities. [**Corn, potatoes,** rice 083550
of ruminants fed high **corn rations.** 084568
Gamma radiation sensitivity of **corn sap** bee- 090184
interpunctella Hb., on stored **shelled corn.** 090217
Persistence of dasanit in **corn silage** & effec- 084586
structure of spore-galls of **corn smut** (Ustila- 086794
Uptake of lead by alfalfa & **corn** from **soil** 087888
in a gas-exchange cuvette. [**Corn, sorghum**]. 087723
Incidence of aflatoxin in **southern corn,** 196 082715
regulation of diapause of **southwestern corn** 089927
Results with special **corn sowing** equipment 091401
Pest control in **corn & soybeans** weeds, inse- 089432
Results with **special corn** sowing equipment 091401
iodine, titration curve. [**Corn starch**]. 083564
carbons in parallel columns. [**Corn starch,** b- 092336
Utilization of **corn steep** liquor as food or f- 083178
of an insect infestation in **stored corn** (maize 090201
soil temperature & plant yield. [**Corn, sugar** 088326
industry--pharmaceuticals, **corn, sugar.** [Was- 092444
Sweet corn. 088668
Noctuidae), to two susceptible **sweet corn** h- 090015
characteristics, application. [**Corn syrup**]. 083613
of armyworm damage to no-**tillage corn** with 089915
Breeding cereals for protein. [**Corn, wheat,** 087165
shock waves with plant roots. [**Corn, wheat,** 087864
to desiccation & low freezing. [**Wheat, corn,** 087744
energy sources (raw sugar & **yellow corn**) & 084707
acid on mitocic growth of **yellow corn.** 087645
Effects of production practices on **corn yields,** 082255
Inheritance of a new brachyism in **corn, zea** 086896

CORNCOBS
Feeding of **pellets, cobs** & briquettes. 084629

CORNEA
Wound healing of **cornea** in **chick** embryo. I 084333
Wound healing of **cornea** in **chick** embryo. II 084334
Wound healing of **cornea** in **chick** embryo. I 085797
Wound healing of **cornea** in **chick** embryo. II 085798
Melanoma in **cornea** of **mare.** 085740

CORRIEDALE
half-bred (**Corriedale** x **Bikaneri**) breeds of 084825
Border Leicester, **Corriedale, Dorset** Horn 084047

CORRUGATION
Corrugation irrigation. 092253

CORTEX
between white matter & **neocortex** in **dog** b- 084026
Fine structure of **cortex** in **lichen** family Pa- 086826
Effect of **visual cortex** on evoked potentials 084255

CORTICOIDS
of stress on serum zinc & **plasma corticoids** 084232

CORTICOSTEROIDS
rabbits with **corticosteroid dexamethasone.** 084841

CORTICOTROPIN
response to **adrenocorticotrophic hormone** as 085390

CORTISOL
SEE HYDROCORTISONE

CORYLACEAE
value of hornbeam wood (**Carpinus betulus** L 086125
of first leaf of seedlings (**Carpinus betulus** L 086702
to a knowledge of **Carpinus form** factor. 085977

CORYLUS
Tree hazels. [**Corylus**]. 086313

A bibliography on **Corylus** (Betulaceae) with 086492
Contribution to study of hazel tree. [**Corylus**] 088866
early defoliation of hazelnut trees. [**Corylus**] 089994
of winterbuds & leaves of **Corylus avellana** 088235
effect of hazelnut bush [**Corylus avellana**] 086079
Corylus in **danger.** [Filberts production, con- 082318
in western Washington. [**Corylus, Thuja**]. 089236

CORYNEBACTERIUM
Danish cattle caused by a **Corynebacterium** 085471
of alfalfa. [**Corynebacterium insidiosum**]. 089315
Tomatoes, **Corynebacterium michiganense**]. 089316
wilt, **Corynebacterium nebraskense.** [Corn]. 087039
Corynebacterium suis in swine. II. 085469

CORYNESPORA
Barbados caused by **Corynespora cassiicola** 089208
Cav. From India. [**Corynespora cassiicola**]. 089272

CORYPHANTHA
Colorado cacti. III. **Coryphantha, Escobaria** 086424

COS
SEE LETTUCE

COST
efficiency in milk assembly. [**Costs**]. 082139
tractor fleet during work peaks. [**Costs**]. 082169
bread & dough in United States. [**Costs**]. 082272
in providing more food at less **cost.** 082607
efficiency in milk assembly. [**Costs**]. 083296
Cultivation of celery at **cost.** 088783
Unit **cost accounting** in agriculture. 082234
of Far East. [Production **costs, agriculture**] 082291
Cost analysis of overhauls of agricultural tr- 082287
mechanization in Greece; **costs analysis** of t- 082296
evaluating water resources & **cost** & **benefit** 092272
more popular financally? [**Costs, Britain**]. 082259
Bale handling systems. [Hay, **costs, Britain**] 082260
Total concept of **building costs** & possible s- 082209
Employee turnover: **costs, causes,** & methods 086198
Construction costs of farm buildings. 082207
Effects of **construction costs** on production 082208
industry. [Forage plants, **culture, costs,** retu- 082309
characteristics using production **cost data** of 082078
in Missouri Valley: a **cost-effectiveness** study 082249
Cost effectiveness of ethrel stimulation: A p- 082288
Cost & effectiveness of horn fly & face fly c- 090248
Energy cost of activity in cattle. 084145
Sugar beet **enterprise costs** & returns. 082276
average milk yield & income over **feed cost** 082247
pigs with early weaning. [**Feeding, costs**]. 084696
Cost of **fertilisers** & balanced fertilisation. 082267
economical consideration. [**Forestry, costs**] 085921
Valley ... Range health, cattle **gains, costs.** 084713
Production & **costs** of **hay** wafers. 1. 082200
Production & **cost** of **hay** wafers. 2. 082202
Bale handling systems. [**Hay, costs,** Britain] 082260
Production & **cost** of **hay** wafers. 2. 083861
Cost instruction as a basis for farm planning 082190
of level & structure of **costs** of **irrigation** op- 082213
Watch your **machinery costs.** 082210
in pineapple culture. [**Management, costs**]. 082144
Cost of **marketing** U.S. Livestock through d- 082891
Asfaleno, a new low **cost material** for water 091364
Variation in **cost** of a **network** of irrigation 082240
Blueberry harvesting & **packing costs**--mach- 082274
Generalized introduction of **cost price** in agr- 082282
land characteristics using **production cost** da- 082078
citrus orchards. 5. [**Production costs**]. 082195
of construction costs on **production costs.** [082208
horticulture & viticulture. [**Production costs** 082289
base in zones of Far East. [**Production costs** 082291
Analysis of **production costs** in multi-product 083703
Trend to **reduce costs** in keeping mother an- 082216
calves in southern Italy. [**Costs, returns**]. 082196
Costs & returns for different varieties of M- 082233
Wide variations in **costs & returns** of grade 082237
Costs & returns from alternate harvesting 082238
of tractor utilization. [**Costs, returns**]. 082246
Costs, returns, & efficiency of potato produc- 082261
Development Region. [**Costs, returns**]. 082277
of Krasnoyarsk Territory. [**Costs, returns**]. 082290
eastern Macedonia-Thrace. [**Costs, returns**] 082297
Forage plants, culture, **costs, returns**]. 082309
Costs, returns, & capital requirements of sel- 082622
Development Region. [**Costs, returns**]. 084651
Costs, returns, & efficiency of potato produc- 088814
in northern Caucasus. [**Costs, returns**]. 091196
Tetranychidae), at **cost** of same **stock,** red 089997
Effects of **cost, technology,** supply, & quality 082211
A note on **time-cost** of routine procedures i- 084469
Farm **tractor costs.** 082204
Unit cost accounting in agriculture. 082234
of production practices on corn **yields, costs,** 082255

COTONEASTER
Cyanogenesis in **Cotoneaster species.** 088136

COTTON
amides as flame retardants for **cotton.** 082885
of microcrystalline cellulose powder. [**Cotton**] 083659
structural information on cellulose. [**Cotton**] 083671
habit in Gossypium barbadense. [**Cotton**]. 086862
F2 & selected F3 progenies in **cotton** (Goss- 086904
in hybrids & parental varieties of **cotton.** 087172
indices & productivity of **cotton.** 087655
of napthalene acetic acid for more **cotton.** [f- 087755
modification of auxin transport. [**Cotton**]. 087845
on Verticillium [albo-atrum] wilt of **cotton.** 089221
Bacterial blight of **cotton.** [Xanthomonas m- 089308
beneficial arthropods associated with **cotton** 089909
Fertilizer requirements of **cotton.** 091972
fiber property variation of **cotton** (Gossypi- 086892
organism causingVerticillium wilt of **cotton.** 089283
ultra low volume application **against cotton** 089871
ultra-low-volume technique **against cotton** le- 089876
effect of certain insecticides **against cotton** l- 089883
evaluated in field tests **against cotton** insects 089964
Plant hairiness in **Allen cotton** (Gossypium 086917
insecticides for Heliothis **attacking cotton.** 089963
of genotype & temperature on **cotton boll** p- 086920
Histological studies of developing **cotton boll** 089034
Field studies on control of **cotton boll** worms 089869
defoliation on development of **cotton bolls.** 087727
littoralis (Boisd.) **& cotton bollworms,** Pect- 089876
Accelerated propagation of **cotton breeding** 086849
with special reference to **cotton breeding** in 088482
Sperm utilization in female red **cotton bug.** 089923
degradable plastic to **cotton & cantaloupes** in 092066
with reference to progress in **cotton carding** 083619
during photosynthesis with **cotton cells.** 087847
B.S. I varieties of **cotton** in **central** region of 091962
study of seed proteins of **certain cotton** spec- 086339
Susceptibility of **certain cotton** varieties to 089954
structure & function of **cotton chloroplasts.** 088982
effects on oil content of **commercial cotton** 083657
of changes in thickness of **compresses cotton** 083672
Verticillium dahliae **control, cotton**]. 089284
of lint strength in Egyptian **cotton crosses.** 086851
of narrow row, high **density cotton** in Austr- 088364
Histological studies of **developing cotton** boll 089034
of lint strength in **Egyptian cotton** crosses. 086851
Production & problems of rice **fallows cotton** 088377
report prospects good for U.S. **Cotton** in **far** 082386
Fertilizer experiments on small **cotton farms** 091834
young bulls on rations of **cotton feeds.** 084537
of various early-ripening thin-**fibered cotton** 087653
of some cellulose ethers. [**Cotton fibers**]. 083673
Caustic sorption in **cotton fibers** as affected 083674
of scoured & mercerized **cotton fibers** & fabr- 083675
parasitic nematodes in Georgia **cotton fields.** 089547
gossypii & Aphis craccivora in **cotton fields** 089950
yl carbamates. [Systemic **fungicides, Cotton** 089169
U. S. **cotton gains** ground in West German 082373
blight of **cotton** by means of a **generalized** c- 086902
plant-parasitic nematodes in **Georgia cotton** 089547
Particulate emissions of a **cotton gin** in Tex- 092434
of Crumpled mutant in **cotton, Gossypium** h- 086910
measure of earliness for **cotton, Gossypium** 086912
compounds. [Anthonomus **grandis, cotton** pe- 089921
Hexaploid cotton: some fiber & spinning pr- 086914
Hybrid-4 cotton seed production & cultivati- 088395
New **& improved cottons** through research. 083573
on rate of bollworm **infestation, cotton** yield 089889
Aphis gossypii glover **infesting cotton** plants 089875
Nozzle arrangement for **cotton insect** control 089900
control of some early season **cotton insects** 089866
of chemicals for control of **cotton insects** in 089959
evaluated in field tests against **cotton insects.** 089964
gossypiella, Earias **insulana, cotton** pests]. 089868
Keeping cotton wastes from air. 092295
gibberellic acid on quality of **Laxmi cotton.** 087728
value of certain crops on lesser **cotton leaf** 089838
amino acids of haemolymph of **cotton leaf-w-** 089862
of insecticides for control of **cotton leaf** wo- 089870
low-volume technique against **cotton leaf** wo- 089876
Residual effect of insecticides on **cotton leaf** 089885
of food on life cycle of lesser **cotton leaf** wo- 089958
amino acids of haemolymph of **cotton leaf-w-** 090526
value of certain crops on lesser **cotton leaf** 090808
of food on life cycle of lesser **cotton leaf** wo- 090818
volume application against **cotton leafworm,** 089871
certain insecticides against **cotton leafworm,** 089883
composition of fat in **cotton leafworm** larvae 089892
Role of phagostimulants of **cotton leaves** in 090712
value of certain crops on **lesser cotton** leaf 089838
of kind of food on life cycle of **lesser cotton** 089958
value of certain crops on **lesser cotton** leaf 090808
of kind of food on life cycle of **lesser cotton** 090818
Production & utilisation of **cotton linters.** 083569
Glut in **cotton market.** 082358
seen for U.S. **Cotton** in **Mediterranean** & S- 082390
properties of scoured & **mercerized cotton** f- 083675
Cyperus rotundus on **cotton & mustard.** 089630
degradable plastic to **cotton, onions** & carro- 092065
population influence on **cotton performance** 088461
Lepidoptera: Noctuidae). [**Cotton pests**]. 089867
gossypiella, Earias insulana, **cotton pests**]. 089868
Lepidoptera: Noctuidae). [**Cotton pests**]. 089874
Lepidoptera: Noctuidae). [**Cotton pests**]. 089877
action of insecticides. [**Cotton pests**]. 089879
Lepidoptera: Noctuidae). [**Cotton pests**]. 089882
Lepidoptera: Noctuidae). [**Cotton pests**]. 089884
Lepidoptera: Gelechiidae). [**Cotton pests**]. 089887
Lepidoptera:aNoctuidae). [**Cotton pests**]. 089888
Cotton pests: overwintering of three lepidop- 089910
Anthonomus grandis, **cotton pests**]. 089921
Plains cotton writes records with China sale 082442
Fertilization process in **cotton plant** Gossyp- 087168
Infestation of **cotton plant** by spiny bollwo- 089953
yield & fibre properties of **cotton plants** gr- 087912
Systemic fungicides, **Cotton plants**]. 089169
Effect of soil insecticides on **cotton plants.** 089863
Aphis gossypii glover infesting **cotton plants** 089875
in balance of ash elements in **cotton plants** 087736
Cotton production with special reference to 088482
Growth of acreage under **raw cotton** in India 082490
Sperm utilization in female **red cotton** bug. 089923
in thickness of compresses **cotton samples** d- 083672
for control of some early **season cotton** insec- 089866
a new approach in storing **seed cotton.** 083620
Hybrid-4 **cotton seed** production & cultivati- 088395
Smith) Dowson, from **cotton seed.** 089310
complexes of dithioacids to **cotton seedlings** 089594
of Thrips tabaci Lind., on **cotton seedlings** (089878
of Thrips tapaci Lind. on **cotton seedlings** in 089952
zygote from irradiation of **cotton seeds** with 086848
globulin during germination of **cotton seeds.** 087657
Cotton situation. 082507
Fertilizer experiments on **small cotton** farms 091834
expansion, & market for **southern cotton:** 1 082420
reference to variety of **cotton & sowing** date 089948
reniformis in Georgia. [**Cotton, soybeans**]. 089546
of seed proteins of certain **cotton species.** 2. 086339
of old-world & new-world **cotton species.** 087169
Economic effectivity of **cotton spinning.** II. 083626
degradable plastic to **cotton** in **trans-pecos** 092067
for fibre characters in **upland cotton.** 086888
on oil content of commercial **cotton varieties** 083657
early-ripening thin-fibered **cotton varieties** in 087653
of mitochondria in **cotton varieties** with diff- 087658
Susceptibility of certain **cotton varieties** to 089954
Keeping **cotton wastes** from air. 092295
in hybrids of old-world & new-**world cotton** 087169
Plains **cotton writes** records with China sale 082442
on rate of bollworm infestation, **cotton yield** 089889

COTTONSEED
characterization of **cottonseed lecithin.** 083661
Effect of increased levels of **cottonseed meal** 084399
Effect of increased levels of **cottonseed meal** 084401
term storage of soybean **& cottonseed salad** 083601

COTTONWOOD
observations on cambial zone in **cottonwood** 086786
fallowing helps **establish cottonwood** on old 088462

COTYLEDONS
acid by greening **cucumber cotyledons.** 087961
synthesis in **cucumber cotyledons** by benzyl- 087997
reductase from **Cucurbita cotyledons.** [Pum- 088139
expansion phase of **cotyledon development** in 087541
in green leaves **& etiolated cotyledons** of Fr- 087964
formation in **cotyledons** of **germinating** bean 088176
during development of **cotyledons** of **Pisum** 087973
Protein synthesis in **cotyledons** of **Pisum** sat- 088173
in Pisum. effect of **cotyledon removal** on ge- 087954
in a soluble fraction from **cotyledon tissue** of 087977

COUCHGRASS
Bentgrass or **couchgrass?** [Agrostis, Agropy- 089597
x Elytrigia pungens, **beach couchgrass** x stiff 089636

COUMARIC
II. Levels of extractable para **coumaric acid** 087932

COUPLING
Thermal uncoupling in chloroplasts. Inhibiti- 087950

COURTSHIP
SEE MATING

COVERS
Effect of **bunch covers** on fruit growth & ma- 088219
Cover those **bunker** & pit silos. [Silage]. 083875
Effect of **early covering** of heifers on difficul- 084383
Growth retardants for **ground covers** in Ha- 088051
Ground covers labor-saving plants. 088575
Ground covers for Hawaii landscapes. [Vari- 088675
Greenery to **cover ground.** [Landscape]. 088736
plants for home landscapes, **ground covers** to 088903
Effects of various **hive covers,** shading & ven- 091156
Study of possibilities of **covering needs** of an- 084712
Covering potato clamps with plastic. [Stora- 083844
different conditions of winter **soil cover.** 087998
Vegetation cover for unproductive areas. 088617

COWPEAS
of Cercospora cruenta. [**Cowpeas**]. 089084
Genetic analysis of **cowpea chlorotic** mottle 089346
multiplication rates. [**Cowpea chlorotic** mott- 089419
of acquired resistance in **cowpea chlorotic** 089425
Cowpea curculio: control in southern Georgia 090030
of phosphorus to **cowpeas** for **higher** yields. 091854

COWS
SEE BOVINE

CRABS
Evaluation of **crab meal** as a dietary ingredi- 084464

CRAMBE
Crambe abyssinica, a newly introduced oilse- 088413

CRAMBIDAE
Controlling sod webworms. [**Crambidae**]. 090003

CRANBERRIES
Weed control in **cranberries.** 089733
Anthocyanin production in **cranberry leaves** 088049

CRANES
of chestnut varieties--**Crane, Orrin,** & a hybr- 088850

CRANIIFER
embryo of cockroach, **Blabera craniifer.** 090709

CRASSULA
Crassulas in **California** gardens. 088594

CRAYFISH
spoilage bacteria in **freshwater crayfish** Pro- 082811

CREAM
milk & dairy products. 16. [**Cream, butter**]. 083244
of milk fat in preparing & **churning cream** to 083297
study between some buffalo & **cow cream** pr- 083234
study between some buffalo & **cow cream** pr- 083235
Ice cream varies in quality, composition, & 083087
Building & formation of **ice cream** microstr- 083344
Production of industrial **ice cream.** 083346
of "non-fat components" in **ice cream** mixtu- 083353
of Salmonella typhimurium in **ice-cream.** 083388

CREATINE
Appearance of **creatine** during **early** chick 084125
Variability of **creatinine excretion** in preado- 082905

CREDIT
of loanable funds of **agricultural credit** insti- 082214
World **Bank credit** for Mysore land develo- 082270
Long term **cooperative credit** in Gujarat; a 082125
Credit for **fertiliser** distribution. 082223
agricultural capital. II. **Credit institutions** & 082292

CREEPING
Creep feeding makes money!. 084640

CREPIS
SEE COMPOSITAE

CRESOL
Secretion of **meta-cresol** by some ground be- 090752

CRETACEOUS
of Upper **Cretaceous angiosperm** exines. II 086327
formgenus in Lower **Cretaceous deposits.** 086326
nannoolankton at **Cretaceous-Tertiary** limit 086323
A new conifer from **Upper Cretaceous** of ce- 086347

CRETICA
SEE MOLLUSKS

CRICKETS
selenium in diet of house **cricket, Acheta** d- 090647
analysis of histones of **house cricket.** [Acheta 090463
of locomotor activity in **house cricket.** [Ach- 090705

CRONARTIUM
of slash pine with **Cronartium fusiforme.** [Q- 089216

CROPLANDS
on storage reservoirs & on **croplands.** 092137
stabilized backslopes on **loessial cropland** in 082249

CROPS
strontium soil & aerial uptake into **crops.** 087566
on behaviour of honeybees on **crop.** [Apis m- 088081
potato stain affects 10-40 percent of **crop.** [089133
of nitrification inhibitors on some **crops.** [089573
of leguminous grasses by rotation of **crops.** 089689
on behaviour of honeybees on **crop.** [Apis m- 091168
of nitrification inhibitors on some **crops.** [091766
application of fertilizers to fields & **crops.** 091812
Yield relationships of **agricultural crops.** II. 088523
diseases & pests of **agricultural crops** in Pol- 089534
methylmercury content of **agricultural crops** 090343
Prospects for sunflower as an **arable crop** in 088443
Effects of ley & **arable cropping** systems on 091980
Studies on resistance in **crops** to **bacterial** d- 089302
repens (L.) Beauv. in **barley crops** in west of 089750
Seed protection ensures **better crop** product- 089481
water management for lower **Bhawani crops** 092202
Blueprint cropping [Horticulture]. 088921
Soil **building crop** rotations. 088444
Water needs of **certain crops** on Lebanese c- 087359
Nutritional value of **certain crops** on lesser 089838
conditions, of adequate **choice** of **crops** as w- 088325
Scope of bivoltine **cocoon crops** in Mysore. 091151
improve stands of direct seeded **cole crops.** 091959
Effects of **companion crops** & their manage- 086649
production in Alabama. [Field **crops, crop** y- 088403
Cultivation of **cruciferous crops** & pest cont- 088789
bug for more yield of **cruciferous crops** & ve- 090075
Crop diagnostic study & its application: Ver- 087899
in winter wheat grown in **different crop** seq- 089253
a digital computer & plotter. [**Crop, drying**] 091330
A note on response of **dryland crops** for app- 087665
Crop estimation based on weather date. 085103
Geological interpretation of **crops** on **farm** l- 081983
Water use by **farm crops.** II. Spring wheat, 087586
*** 087588
Influence of pesticides on **crop fauna** occurr- 090020
Effect of **crop fertilizer** on feeding of larvae 090566
Fertilizers, crop quality, & nutrients in was- 091831
1972 Foundation seed. [**Field crops**]. 083560
geometrical parameters. [**Field crops,** hortic- 087623
protect plant moisture. [**Field crops**]. 087867
by measures of crop rotation. [**Field crops**] 088332
Performance of **field crop** varieties in South 088360
in crop production in Alabama. [**Field crops,** 088403
of trends in yields of major **field crops** in L- 088441
research in Andhra Pradesh. [**Field crops**]. 088455
Pradesh Agricultural University. [**Field crops**] 088456
trends in production of main **field crops.** 088485
research & test people doing? [**Field crops**] 088515
in Ostergotland County, 1972. [**Field crops**] 088516
flavus group isolated from **field crops.** 088993
its seasonal occurrence of **field crops.** 089947
bees in relation to pollination. [**Field crops** 091101
losses in relation to irrigation. [**Field crops,** 092000
Preseravtion of grass & green **fodder crops** 083909
Fodder crop research in Cameroon: Product- 088317
power required for harvesting **fodder crops** 091459
Termites as pests of tropical **food crops.** 089827
Colorado, [elymus junceus, **forage crops**]. 084477
Republic: Evaluation for **forage cropping.** 084508
Colorado, [elymus junceus, **forage crops**]. 088362
feed quality & yield of green **forage crops.** 088393
Natural **forage crops,** seeded forage corps: 088510
Winter dieback of **forest crops** in Maritime 085823
deciduous trees in process of **crop formation** 086622
Litchi--a promising **fruit crop** in Bihar. 088631
Fruit crop & quality regulation in Perlette 088886
in relation to pollination. [Field **crops Fruit** 091101
nitrogen dressing of **fruit crops** (apple, pear) 092003
wheat from **crops** in south-west **Germany.** 088545
Susceptibility of oats & **gramineous crops** to 089123
of spring growth & flowering of **grass crops** 087754
Add some protein with **grazing crops.** 084639
K [potassium] contents of **crops grown** in R- 087585
benzo (A) pyrene in bitumen & **crops grown** 091590
K [potassium] contents of **crops grown** in R- 091979
content of agricultural **crops grown** on soils 090343
Plant root systems & **crop growth.** 087603
parameters. [Field crops, **horticultural crops** 087623
miscellaneous other **horticultural crops** in S- 090079
Drip irrigation for **horticultural crops;** orch- 092233
in retrospect & prospect. [Field **crops, India** 082519
Chemicals for control of truck **crop insects** 089463
temperature, nutrient supply & **crop load.** II 088047
policy & problems about overdue **crop loans** 082268
control Plusia larvae infesting **lucerne crop.** 089894
basic factors for a successful **lucerne crop** & 091970
of their application on grain **maize crop** at 091789
Genetic vulnerability of **major crops:** a chall- 086846
Scientific **multiple cropping.** 081975
Multiple cropping, a powerful weapon to win 082118
Scientific **multiple cropping.** 088457
Scientific **multiple cropping.** II. [Vegetables 088824
Studies in **multiple cropping**--a note on corr- 091793
From beginning of processing of **oil crops** in 083578
Cultivation of safflower as **oil-crop.** 088375
weed seeds in root crops & **oil crops.** 089699
gibberellic acid on 'Valencia' **orange crop** va- 087941
of policy & problems about **overdue crop** lo- 082268
India's flue-cured tobacco **crop passed** throu- 082471
of irrigation water on **cropping patterns,** inc- 082211
Cropping patterns during & after reclamati- 088406
of irrigation water on **cropping patterns,** inc- 092092
Bhendi as a seed **crop pays** more. 088624
for straw, grain & oil yielding **plant crops,** 088539
Crop pollination by bees & pollination fees 091087
of recording stem densities in **potato crop.** 088867
year-round production of minor **potted crops** 088637
On question of **preceding crops** & manuring 088305
Wintering without **crops-- problems** involved 088473
Development of tree **crop procuction** in sou- 088975
view of cultivation of straw **producing crops** 089483
Trends in **crop production** in Alabama. [Fie- 088403
tendency of vegetable **crops production** in C- 088592
protection ensures better **crop production.** [089481
disease of some warm weather **pulse crops** in 089388
amount sown on **crop** & some **qualitative** fea- 088306
Fertilizers, **crop quality,** & nutrients in was- 091831
Manuring of chillies in India, **rainfed crop.** 091850
Fodder **crop research** in Cameroon: Product- 088317
Effect of **crop residues** on growth of turnips 088207
using production cost data of **rice crop.** 082078
Ssline lands can yield **rice crops.** 088374
Diptera: Ephydridae) a new pest of **rice crop** 089933
Ssline lands can yield **rice crops.** 091573
Saline lands can yield **rich crops.** [Soil fertil- 091853
properties of forage **root crops** on rate & m- 088512
Fighting weed seeds in **root crops** & oil cro- 089699
of agroeconomic evaluation of **crop rotation.** 082182
III. Bare soil, short turf & **crops** in **rotation** 087588
stabilization by measures of **crop rotation.** 088332
Soil building **crop rotations.** 088444
Shifting of **cropping season** of rice plant & i- 088437
Relation between **cropping season** & fruit q- 088558
Bhendi as a **seed crop** pays more. 088624
Natural forage **crops, seeded** forage corps: 088510
capital requirements of **selected crops** for N- 082622
wheat grown in different **crop sequences** at 089253
new formula for vegetable **crops, SIOLCID.** 089686
Studies on foliicolar fungi of **soybean crop.** 089076
Economic efficiency of **soybeans crops.** 082283
genus Avena. I. Comparison of **crop species.** 087776
Local climates & **speculative crops** of north- 081992
Seasonal changes in **standing crop** of two m- 086645
project: Its irrigation & **cropping strategy.** 081974
regarding cultivation of **stubble crops** on loe- 088325
Studies on **succession cropping** of sugar beets 088426
Save **sugarcane crop** from Pyrilla. 089944
Feed value of **summer crop** of forage grasses 083862
Effects of ley & arable **cropping systems** on 091980
India's flue-cured **tobacco crop** passed throu- 082471
Development of **tree crop** procuction in sou- 088975
Chemicals for control of **truck crop** insects 089463
of soils & fertilization of **crops** in **Tunisia.** 091799
Leaf mesophylls of **twenty crops,** their light 087623
material in soil on growth of **crops** & **uptake** 087666
acid on 'Valencia' orange **crop value.** 087941
Performance of field **crop varieties** in South 088360
Crop variety recommendations for 1973. [A- 088422
of maize (Zea mays) **crop** under **various** os- 087860
Short-term storage of some **vegetable crops,** 083808
seeds & seedlings of certain **vegetable crops** 087945
substances on important **vegetable crops.** V. 088191
Developmental tendency of **vegetable crops** 088592
Sprinkler irrigation of **vegetable crops** & its 088660
A new formula for **vegetable crops,** SIOLC- 089686
an effective weedicide for **vegetable crops.** 089710
for insects on commercial **vegetable crops** in 090002
Sprinkler irrigation of **vegetable crops** & its 091348
Longevity of **crop** & **weed** seeds: survival aft- 089749
Studies on rate of drying **wheat crop** in field 087775
of some of its properties & **crop yield** in co- 091726
in Alabama. [Field crops, **crop yields**]. 088403
in relation to irrigation. [Field **crops, yields**] 092000

CROSS
of Brahman cross & **Africander cross** steers. 084204
species through diallel **cross analysis.** 087181
in straightbred & reciprocally **crossed Angus** 084832
Results of **crossing annual** & perennial teosi- 087015
loss on composition of **Brahman cross** & Afr- 084204
utilization of nutrients in **cross-bred** calves. 084190
milk feeding on growth of **cross-bred** calves 084541
A study on performance of **cross-bred** grades 084827
Do **crossings bring** us cow we need? 084925
growth after selfing & **crossing Coronilla** var- 087354
radiatus L. I. **Crossing** between a **cultivar** of 086990
Analysis of allocation of **cross-cutting** operat- 086128
automation of lumber **cross-cutting.** 086224
of translocations by **diallel cross** of wheat v- 086834
Do crossings bring us cow we need? 084925
Restoration of fertility in **double cross** hybr- 087091
glands of hybrids from **cross** of **Drosophila** 090823
Cross-fertilization of alfalfa as affected by g- 086890
position within tassel on **crossover frequency** 087045
of heat treatment on **crossover frequency** (b- 087046
Degree of fertility in single **cross hybirds** wi- 087087
in sterile lines & single **cross hybrids** with g- 087079
of fertility in double **cross hybrids** on sterile 087091
Crossover interference for regions within in- 087047
of exotic inbred lines in **intervarietal cross.** 087148
mechanization & automation of **lumber cross** 086224
interaction for some double top **cross maize** 086972
morphological criteria & by **cross-mating** ex- 090776
of ring chromosomes & somatic **crossing-over.** 087161
Crossing-over between X & Y chromosomes 090743
study of pollen from **crossing** of **Petunia** hy- 086847
Importance of **cross pollination** of alfalfa (087647
oxygen production in a **cross-reaction** betwe- 087273
in straightbred & **reciprocally crossed** Angus 084832
quality from examination of **cross-sections** w- 082786
Experiences with **single crossing** of Brown 084926
of Rf-factors in sterile lines & **single cross** 087079
Degree of fertility in **single cross** hybirds wi- 087087
of ring chromosomes & **somatic crossing-over** 087161
of Brahman cross & Africander **cross steers.** 084204
interaction for some double **top cross** maize 086972

CROSSBREEDS
cows of different breeds & their **crossbreds.** 084970
bees, Polish bees & their **crossbreeds.** 091207
Crossbreeding for **commercial** pig produceer 084815
herd of Zebu-European **crossbred dairy** catt- 084824

Crossbreed by **design,** not chance. [Beef catt- 084882
Crossbreeding--echo sounding results. [Swine 084749
Crossbreeding--echo sounding resultts. [Swi- 084933
Early mildew resistant **crossbred grain.** 086852
Crossbreeding of **grapes.** 087005
Bos Indicus & Bos Taurus **crossbred herds** in 084779
Research about **crossbreeding** in **order** to in- 084894
Successful crossbreeding. [Swine]. 084787

CROSSLINKING

tension conditions during **crosslinking.** 083674
Investigations on **crosslinking** of **cellulose** d- 086132

CROTALARIA

Cylindrocladium [**crotalariae**] black rot of p- 089204
from sunn hemp seeds **(Crotalaria juncea).** 087283
of Sorghum vulgare & **Crotalaria juncea.** 089137
weeds. [Cassia tora, **Crotalaria medicaginea**] 087401

CROWNS

on interception loss in **conifer crowns.** 088264
utilization by normal & **crown-gall** teratoma 087862
Origin of phages in tissues of **crown gall** cul- 089294
utilization by normal & **crown-gall** teratoma 089322
Cane & **crown galls** of Tubus species. 089309
Proper crown treatment of sweet cherry. 088853

CROWNVETCH

processing injury & viability in **Crownvetch** 083531
crossing Coronilla varia L. [**Crownvetch**]. 087354
of potential germination in **Crownvetch** [cor- 087672
processing injury & viability in **Crownvetch** 087673

CRUCIFERAE

Cultivation of **cruciferous crops** & pest cont- 088789
bug for more yield of **cruciferous crops** & ve- 090075
on previously unknown **cruciferous hosts.** 089430
management of stocks. [**Mathiola incana**]. 088560

CRUSHING

Effect of mechanical **crushing grinding** of sa- 091726
of oil from whole or **crushed rapeseed** for fa- 083603
Straw crushing & distribution by brushers 091477

CRUSTS

Effect of **soil crusts** on infiltration: effect of 091592

CRYPTOMERIA

from sugi plus tree **clones, Cryptomeria** jap- 086035
formation of **Cryptomeria** under **controlled** 088280
tree breeding of **Cryptomeria** in **Japan.** 086041
ely small area. [**Cryptomeria japonica**]. 085905
ring width of Sugi **(Cryptomeria japonica** D. 086796
of stand sugi. [**Cryptomeria japonica**]. 088258
relative stem curve, [**Cryptomeria japonica**] 088277
ring width of Sugi **(Cryptomeria japonica** D. 088282
for SUGI **(Cryptomeria japonica)** forest. I. 091836

CRYPTOPODIUM

Arceuthobium **vaginatum cryptopodium**]. 089730

CRYSTALLINE

analysis of quasi-**crystalline protein** from N- 087221
polydispersion & **crystallinity** in **radiation-d-** 086115
properties of **crystalline spinach** superoxide 088025

CRYSTALLIZATION

Direct recrystallization of cellulose. 086199

CRYSTALLOGRAPHY

Preliminary **crystallographic data** for a basic 088105
An **X-ray crystallographic** study of alpha-a- 087433

CRYSTALS

perfringens. II. Sodium **azide, crystal** violet, 085484
Duration of formation of **intranuclear crystal** 090678
acids, of proteinaceous **intranuclear crystals** 090716
Crystals in **woody** stems. 086726

CUCUMBERS

tube growth of snake melon & **cucumber.** 087942
induced by ethrel treatment in **cucumber.** 088097
in Cucumis sativus seedlings. [**Cucumbers**]. 088140
A new Peronospora of **cucumbers.** [Pseudop- 089135
acid by greening **cucumber cotyledons.** 087961
synthesis in **cucumber cotyledons** by benzyl- 087997
of sex expression on **dioecious cucumber** with 086939
industry on mechanized **cucumber growing.** 083807
plant protection when **growing cucumber** in 089446
Evaluation of **hybrid cucumbers** from green 087184
of gravel culture. [**Hydroponics, cucumbers**] 088837
solvents to dry seeds. [**Lettuce, cucumber**]. 088171
NAC(carbaryl) in tomato, **cucumber, lettuce** 090399
in greenhouses. [Apis **mellifera, cucumbers**] 091185
between Fusarium spp. & **cucumber mosaic** 089176
on some crops. [Wheat, **cucumber, radish**]. 089573
Response of **cucumber** to **trellis** vs. Ground 088681

CUCUMIS

chromosomes of **Cucumis sativus** L. by quali- 086829
ammonia-lyase in **Cucumis sativus** seedlings. 088140

CUCURBITACEAE

Triple haploids in **Cucurbita.** 086982
reductase from **Cucurbita cotyledons.** [Pum- 088139
deoxyribonucleic acid of **Cucurbita pepo** L. 087970

CUCURBITACINS

Cucurbitacins & aromatic compounds from 087488

CULEX

with extracts of different **adult Culex** pipiens 090701
dispersions. [Anopheles **albimanus, culex** pip- 090249
flavus mycotoxin on **Culex mosquito** larvae. 090258
of tropical house **mosquito culex** pipiens fati- 090291
on gonotrophic cycle of **mosquito, Culex** trit- 090827
filaria passed by mosquitos. [**Culex pipiens,** 090218
with Dirofilaris immitis in **Culex pipiens** fat- 090296
Development in **Culex pipiens** of Saurocyto- 090419
filaria: Systematical position. [**Culex pipiens**] 090456
rarefaciens cultured in a **Culex pipiens** cell l- 090720
effect of vitamin B1. [**Culex pipines** fatigans 090295
Larval mortality of **Culex tarsalis** & Aedes 090259

CULICIDAE

nigromaculis (Ludlow) (Diptera: **Culicidae)** 090286
trypsin by Aedes aegypti (Diptera: **Culicidae)** 090496
annularis Wulp. Diptera: **Culicidae.** 090799
communis (DeGeer): (Diptera: **Culicidae).** 090996
of high-arctic aedes (Diptera: **Culicidae).** 090500
hamoni n. Sp. **(Diptera Culicidae).** 091043

CULTIVARS

in a Lilium speciosum Thunb. **cultivar.** 088055
greater yam (Dioscorea alata 1.) **cultivars.** 088926
in mango (Mangifera indica L.) **cultivars.** II 088194
of light source on growth of **alfalfa cultivars** 087720
of heading time in some **barley cultivars.** 087809
gramineum] stripe in **barley cultivars** in Ind- 089227
mutations in Setaria italica **beauv cultivar** K 086863
on fruit abscission of various **citrus cultivars** 087938
mauritiana Lam.) **cultivars** through **fruit** cha- 086821
Fruit cultivars for northern Wisconsin. 088550
L. I. Crossing between a **cultivar** of **green** g- 086990
activity in Arachis **hypogaea cultivars.** [Pea- 087829
susceptibility of selected **lettuce cultivars** u- 083700
Some common **pineapple cultivars** of West 088816
reducing height of two **poinsettia cultivars** - 088038
Guide to identification of **poplar cultivars** on 086014
of domestic & foreign **potato cultivars.** 087931
numbers of 80 **cultivars & related** wild speci- 086992
Disease evaluation **& cultivar resistance** to 089279
inflorescence formation of **several cultivars** 088054
Nitrate accumulation in **spinach cultivars** & 088003
response in winter **& spring cultivars** of bre- 08 883
rot susceptibility of **strawberry cultivars** & 089026
study of characteristics of **sugi cultivars** (Cr- 086043
in resistant vs. **Susceptible cultivars** of Phas- 089066
semidwarf & standard height **wheat cultivars** 087709
from intergradation among **cultivars** of **Zea** 086926

CULTIVATION

rice varieties & their traits in **cultivation.** 088313
cotton seed production & **cultivation.** 088395
on threshold of rice revolution. [**Cultivation**] 088458
Lilium bulb production & **cultivation.** 2. 088561
Rubus arcticus L. & its **cultivation.** 088582
Lettuce & stalk celery. [**Cultivation**]. 088839
of microrelief of **cultivated agricultural** land 086620
Sugar **beet cultivation** on converted upland f- 088433
Kemikalieudvalg in **berry cultivation.** [Fungi- 089059
herbicides in fruit tree & **berry cultivation.** 089640
Cultivation of **celery** at cost. 088783
Cultivation of **Chinese** gooseberry (or Actin- 088648
grassland into **cultivation** by **complementary** 088475
Cultivation of **cruciferous** crops & pest cont- 088789
spray installation to raise **cultivated cuttings** 086036
in arid farming & **cultivation** of **deserts** in I- 082140
weed germination with **early cultivation.** [C- 089676
Cultivation of **Echinocerei.** 088465
viewpoints on its **field cultivation.** 088547
watering apparatus for **field cultivation.** 091397
Cultivation of **French** beans. 088629
Fruit cultivation & bee keeping. [Hymenopt- 091227
of fruiting bodies during **fungus cultivation.** 089174
of phages in tissues of crown **gall cultivated** 089294
detection in greenhouse of **cultivated grape** 089428
protection of non **cultivated grassland** areas 092352
for controlling plants **impairing cultivations** 089723
Some views on **improvement, cultivation,** tr- 088484
beauvericine, on cells of **insects cultivated** in 090421
Intensive cultivation in horticulture, 1972. 088911
activity in grass of **cultivated, irrigated,** ferti- 084377
Chromosome counts in **cultivated junipers.** 086718
Soil assessment of **cultivated land** by means 089592
embryos for **cultivation** of **Leucochloridium** 085408
Experimental work in **cultivating marsh.** 092049
of composition of **cultivation medium** on spe- 085559
Cultivation of **melons** in Andhra Pradesh. 088775
Study on **cultivation method** of sugar beets 088428
Influence of particular **cultivation methods** 092052
improvement of **cultivation** of **mulberry** trees 088092
Package of practices for **mulberry cultivation.** 088781
improvement of **cultivation** of **mulberry** trees 088790
Cultivation of **oil** palm in Ceylon. 088972
History of Pheurotus **ostreatus cultivation.** 088603
Influence of **particular cultivation** methods 092052
relation to moisture with **cultivated pastures** 088530
Perennial cultivated rye. II. Preliminary vi- 088547
On extension of black **pine cultivation** in sil- 086060
Biological activity of some **cultivated plant** 087201
Plant cultivation & integrated plant protect- 088371
results with regard to **cultivation & planting** 086083
Houttae, doctor of **cultivated plants** & expert 086280
Report on diseases of **cultivated plants** in E- 089492
Economics of rainfed **potato cultivation.** 082220
of stem fragments of **potatoes cultivated** in v- 087919
Effect of **cultivation procedure** on liability to 088869
on improved methods of **cultivation** of **pulses** 088378
mist spray installation to **raise cultivated** cu- 086036
Recommendations **regarding cultivation** of s- 088325
Usefulness of **ridge cultivation** in Nigerian a- 092037
Perennial **cultivated rye.** II. Preliminary vi- 088547
Cultivation of **safflower** as oil-crop. 088375
On labor-**saving cultivation** of sugarbeet. 2. 088430
Cultivation of **seed--**what are research & test 088515
Effect of **soil cultivation** on development of 088202
trends in mechanical **soil cultivation.** 091460
One view of **cultivation** of **straw** producing c- 089483
its origin to **cultivations** in its **surroundings.** 086615
produced by various **cultivation systems** on 087771
A contribution to **cultivation techniques** of F- 088604
Soil treatment & **cultivation techniques** in f- 088647
report on non-**thinning cultivation** of sugar 088434
views on improvement, **cultivation, trade,** & 088484
of non thinning **transplanting cultivation.** 091384
Effects of **cultivation treatment** on water po- 086034
conditions produced by **various cultivation** s- 087771
Isolation & in **vitro cultivation** of cells of E- 087463
Cultivation, yield & keeping quality of Pleu- 088605

CULTIVATORS

Performance of a few **sorghum cultivators** u- 091867

CULTURES

Rhodophyceae, Ceramiales) in **culture.** 087424
Studies on tobacco petal primordia in **culture:** 087697
gall teratoma cells of tobacco in **culture.** 087862
To make soybean better accepted. [**culture**] 088410
annual & valuable forage plant. [**Culture**]. 088549
by Cercosporella herpotrichoides in **culture.** 089011
gall teratoma cells of tobacco in **culture.** 089322
Factors **affecting culture** in vitro of potato 088868
treated pot plants using **culture** on **agar** nutr- 088929
organ differentiation from **another culture.** 086758
Anther culture in Nicotiana & characteristics 087782
A study of **anther culture** in sugar beets. 087786
activities on future of **apple culture.** 082589
Traits & **culture** of **apple** varieties: on Aori 088793
Reconversion of **culture** of **apples.** 088785
graminis f. sp. tritici in **axenic culture.** [Wh- 089109
small rodents for **bacteriological culture.** 085097
Harmful factors in forest **cultures below** Kra- 089522
legume improvement. [**Breeding, culture**]. 088519
Anthracene derivative in **callus cultures** from 087493
Dispersed **cell culture** of bovine pars interm- 084143
in chicken embryo kidney **cell cultures.** 085273
chemotherapeutic compounds in **cell cultures** 085330
of a vaccine produced in tissue **cell culture** 085431
biosynthesis in Ruta graveolens **cell cultures** 087513
arginine biosynthesis in soybean **cell cultures.** 087852
Paul's Scarlet" rose suspension **culture cells** 086809
cultures of Digitalis purpurea **cultured cells** 087510
solani Kuhn with **cultural characteristics &** 089119
in sorghum through **cultural & chemical** me- 089670
Importance of **citurs culture** to economy of 088899
limiting factors of rural **coffee culture.** 088966
Influence of **culture conditions** on growth of 089291
of genetic variation **& culture conditions** on 090469
Continous cultures of an alga & its garzer. 086640
An experimental **continuous-culture** unit for 083305
starters produced by **continuous culture.** [C- 083306
with early cultivation. [**Cultural control**]. 089676
Corn culture. 088501
Mechanical weed ocntrol in **corn culture** is t- 089684
industry. [Forage plants, **culture, costs,** retu- 082309
Early fruiting & **culture** of **Delicious** apple. 088098
Fate of Bacillus cereus in **cultured & direct** 082828
Resistance of **cultures & dried** resting spores 087343
to behavior of embryos in **cultured eggs.** I. 091176
of triploid "plantlets" in **endosperm cultures** 086831
Cultural factors affecting peach quality. 088875
Influence of **cultural factors** on incidence of 089902
Culture of **forest** nursery materials. 086033
Harmful factors in **forest cultures** below Kra- 089522
Operation systematization for **fruit culture** 088555
Ecological map for use in **fruit culture.** 088565
soil maintenance techniques in **fruit culture,** 088645
Experiment Station. [**Fruit culture**]. 088892
Soil structure & management. [**Fruit culture** 088917
following a mild winter. [**Fruit culture**]. 089484
what can one do? [**Fruit culture**]. 089485
Weed control of **fruit culture.** 089687
Integrated control in **fruit culture.** [Pests, i- 090024
soil maintenance techniques in **fruit culture,** 091882

Soil structure & management. [**Fruit culture** 092061
Grape culture in northern India: Problems f- 088771
Greenhouse management for **grape culture.** 088794
Grape culture in Punjab. 088887
in mechanization of work in **grape culture** i- 091422
modernization & profits from **grape culture.** 091424
Mechanization of **grape culture** & preservat- 091425
of mechanization of works of **grape culture.** 091429
Mechanization of **grape culture** & preservat- 092042
Microclimate in bed of **gravel culture.** [Hyd- 088837
quality of muskmelon in **greenhouse culture** 088558
plasticulture in world. [**Greenhouse culture**] 088564
Area destined for **greenhouse culture** in Spa- 088784
capsules for plants. [**Greenhouse culture**]. 088895
carbonic fertilizers for **greenhouse culture.** 091974
of cucumber to trellis vs. **Ground culture.** 088681
Marijuana. [**Hemp culture**]. 088481
Role of mushroom in **cultural history** of Sca- 086295
Tillage & minimal **culture ib** south of France 088397
Lactic **culture inocula** required to inhibit st- 083314
of work in grape **culture institutions.** 091422
Approach to **intensive culture** & forest tree 086041
kernel-fruit trees in an **intensive culture.** 087185
aspects of soil tillage in **irrigated cultures.** 092026
Behaviour in **culture** of **isolated** protoplasts 086809
Isolation, culture & regeneration of Petunia 088020
densonucleosis type in a **laboratory culture** 090440
Lactic culture inocula required to inhibit st- 083314
nidulans in submerged **liquid culture.** 087421
responses in mixed **lymphocytic culture** in 084024
Varietal ecology & **cultural management** of 088560
On **mass culture** of Wolffia arrhiza Wimmer 088954
Mass culture of Lemna minor L. in southwe- 088956
Mass culture of protococcal algae in open. 088957
Mass culture of microalgae in Bairam-Ali D- 088958
Mass culture of nitrogen-fixing Cyanophyta 088959
in sward of reclaimed & **cultured meadows.** 087812
Aspects of research on **culture media** carried 085232
Quick sterilization of **culture-media** by prop- 089160
Cultural methods of interplanting of sweetp- 088608
after synapsis in **cultured microsporocytes** of 086969
Culture of **miniature** cyclamen. 088939
Tillage & **minimal culture** ib south of France 088397
situation of Hungarian **mushroom culture.** 088804
of Hypocreales with **cultural observations.** 086486
Olive oil, **oilve culture,** & industries. 083837
economical research on **culture** of **olives** in 082505
embryonic chicken thymus in **organ culture.** 084038
Recent trends in **peach culture.** 088795
trends & problems in **pineapple culture.** [M- 082144
Economic aspects of **pineapple culture** in " 082218
Condiment **plant culture** & management. 2. 088559
to animal industry. [Forage **plants, culture,** 082309
Old & new facts on **culture** of **Pleurotus** ost- 088607
deep **ploughing cultures**). 092286
of hispidin in **cultures** of **Polyporus** schweini- 087441
pigment changes in **Porphyridium cultures.** 087472
chief export. II. Will new **cultural practices** 089069
research on a **protected culture.** 088898
antibiotics used to obtain **pure cultures** of u- 087595
cultures of Digitalis **purpurea cultured** cells 087510
stages of Hepatozoon **rarefaciens cultured** in 090720
Rice culture in southern European countries 088312
Rice culture. 088338
Culture of **rice** in Southern Italy. 088417
at paddy fields in direct-sowing **rice culture** 088438
Problems in labor-**saving culture** of deciduo- 088796
growth of mazzand cherry **segments cultured** 088230
Solution culture studies on deficiencies of s- 089583
Soybean culture in France: Perspectives. 088500
Economical aspects of **special cultures** in H- 082217
decorative materials from **special cultures.** 085989
Economical aspects of **special cultures** in H- 088616
Hedera helix): A natural & **cultural story** of 088951
in German Swis s **strawberry culture.** 082181
Solution **culture studies** on deficiencies of s- 089583
Cultural study of gray mold fungus Botrytis 089063
acid by means of **submerged cultures** of Clav- 087556
Use of humic acids in **culture** of **sugar** beets 091844
years of progress of **sugarbeet culture.** 088514
Culture of **sunflowers.** 087678
Paul's Scarlet" rose **suspension culture** cells 086809
of progesterone by **suspension cultures** of D- 087510
in intact plants & cell **suspension cultures** of 087514
of tobacco tissue in a **suspension culture.** 087692
cells grown in sterile **suspension culture.** 087710
on carotenoid content in **suspension culture** 087738
metabolism in cell **suspension cultures** from 087971
from cell **suspension cultures** of parsley. 087975
of protoplasts from cell **suspension cultures** 088177
biotransformations in cell **suspension cultur-s** 087446
Culture of **sweet** sorghum for syrup product- 088534
New **cultural techniques** in vineyard. [Herbi- 088646
Recent trends in **cultural techniques** for ma- 088797
New **cultural techniques** in vineyard. [Herbi- 089639
physics raised by new **cultural techniques.** 091581
A simple method for short **term cultures** of 084885
Tissue culture in pulp & paper industry. 086099
Tissue culture of Cynodon dactylon. 086755
by soluble enzymes from **tissue cultures** of 087344
bound amino-acids in plant **tissue cultures.** 087406
Trigonella foenum-graecum **tissue cultures.** 087447
upon growth of **tissue cultures** of Nicotiana 087691
metabolites in soybean callus **tissue cultures** 087766
from Nicotiana tabacum **tissue culture** W-38 087822
stem single cell clones in **tissue culture.** 090050
Culture of **tissues** & cells & developmental b- 087400
Oriental **tobacco culture.** 088513
Mechanization of **tobacco culture.**I. 091437
of thinning method in **transplanting culture** 088429
from paper-pot in **transplanting culture** of s- 088431
Cultural treatment of new plants from sugar- 088344
An experimental continuous-**culture unit** for 083305
Experiments in **culture** of some **varieties** of 088520
Fruit & **vegetable culture;** use of plastics ab- 088897
What is new in **vegetable culture** & control 090045
to more intensive field **vegetable culture.** 088813
encephalitis virus in **cultured vertebrate** & a- 085585
Experimental analysis in **culture** in **vitro** of 087917
Drodophila melanogaster in **culture** in **vitro** 090855
Saccharomyces cervisiae **yeast culture** in die- 084578
Saccharomyces cervisiae **yeast culture** in gr- 084579
of yogurt & propagation of **yogurt cultures.** 083345
bracken soils under **young cultures** of scots 091754
swarm zoospores & **culture** of **zoosporangia** 089029

CUNICULI

of rabbit fleas (Spilopsyllus **cuniculi dale**) & 085388
of European rabbit flea **Spilopsyllus cuniculi** 090255
breeding of rabbit flea (**Spilopsyllus cuniculi** 090266

CUPRESSACEAE

wood & temperature. [**Fagus, Cupressus**]. 086268
some Taxodiaceae & **Cupressaceae species.** 086823

CURCULIONIDAE

Pissodes strobi (Coleoptera: **Curculionidae**), 090107
on populatons of weevils (**Curculionidae**) R- 090150
Studies on weevils (**Curculionidae.** Coleopte- 090409
Pissodes strobi (Coleoptera: **Curculionidae**), 090495
on populatons of weevils (**Curculionidae**) R- 090754
for parasitoids. [**Bathyplectes curculionis**]. 089897
oryzae (L.) (**Coleoptera, Curculionidae**). 090204
Phyllobius piri L. (**Coleoptera, Curculionidae**) 090545
oryzae (L.) (**Coleoptera, Curculionidae**). 091271
Earth worms, **Curculionidae, wildlife**]. 089565

CURING

convective drying of tobacco during **curing.** 083678
during latter stages of growth & **curing.** 087894
Ails-cures of young cattle: heavy pros & cons 085421
Effect of **curing brine** bacteria on properties 083427
erosion-- disease; soil **conservation-- cure.** 092021
Nutritive value of some **field-cured** hays. 084491
India's **flue-cured** tobacco crop passed throu- 082471
production & nutrient uptake of **flue-cured** t- 087759
to brown spot disease of **flue-cured** tobacco. 089279
of wireworms & transplanting **flue-cured** tob- 089968
control of tobacco budworm on **flue-cured** t- 089970
Mechanical harvesting of **flue-cured** tobacco. 091473
Mechanical harvesting of **flue-cured** tobacco. 091474
Effect of **frankfurter cure** ingredients on n-n- 083466
Nutritive value of some field-**cured hays.** 084491
Effect of frankfurter **cure ingredients** on n-n- 083466
Keeping quality of **cured meat** products of l- 082733
brine bacteria on properties of **cured meat.** 083427
Keeping quality of **cured meat** products of l- 083431
of feeding roasted soybeans on **cured pork** p- 082800
India's **flue-cured tobacco** crop passed throu- 082471
nutrient uptake of **flue-cured tobacco.** 087759
to brown spot disease of **flue-cured tobacco.** 089279
transplanting **flue-cured tobacco.** [Conoderus 089968
of tobacco budworm on **flue-cured tobacco.** 089970
Mechanical harvesting of **flue-cured tobacco.** 091473
Mechanical harvesting of **flue-cured tobacco.** 091474

CURL

Leaf curl--an ever present danger in tobacco 089341
Mosaic & **leaf curl** viruses of papaya & their 089398

CURRANTS

Industry-like production of **black currants.** 088657
Fungus diseases of **black currants** & possibil- 089061
Schw.) Berk. Et Curt. on **black currant.** II. 089159
Mechanical harvesting of **black currants.** [E- 091436

CURRENTS

A **current bibliography** of Finnish forestry li- 085868
Current cancer therapy in veterinary medici- 085610
Current concepts in treatment of hepatic fai- 085609
Current pesticide legislation. 090330
Current problems in production of deep fro- 084958
Current progress of world research in livest- 084762
Past & **current research** on diseases of Eura- 089656
Current theories on mode of action of auxin 087302
Current trends in small animal nutrition. [084714

CUSCUTA

Vinca rosea, Santalum **album, Cuscuta** subin- 089355
Cuscuta a **parasite** on niger. [Ethiopian nige- 089669

CUTANEOUS

report on generalized **cutaneous asthenia** of 085695
after **intracutaneous** & **subcutaneous** injecti- 085477

CUTEREBRA

of pinyon mice in New Mexico. [**Cuterebra**] 090233

CUTICULAR

cycles & secretion of **cuticle** among **embryo** 090709
protein into **cuticle** of **Manduca** sexta. 090686
epidermis omit secretion of a **pupal cuticle** in 090676
Peptidochitodextrins of **sarcophagid cuticle.** 090637
activating enzyme from **cuticle** of **silkworm** 091097
activating enzyme from **cuticle** of **silkworm** 091098

CUTINS

Epoxyoctadecanoic acids in **plant cutins** & s- 087518
of a hydroxy fatty acid **polymer, cutin,** by a 087679

CUTTERS

Rearing larvae of leaf-**cutter bee** Megachile 090651
on activity of alfalfa leaf-**cutter bee** Megachi- 090652
What **every cutter** should know about felling 086274

CUTTINGS

recording data of trees marked for **cutting.** 085899
spruce (Picea abies Karst.) by **cuttings.** 086076
phenolic compounds in rooting of **cuttings.** 088073
Roses to grow for **cutting.** 088702
behaviour of **cuttings** of **Bougainvillaea** v. Th- 087573
Recent advances in opening **bud-cut** chrysan- 088059
results during twenty years of **clear-cutting** 086040
Foundation & application of **clear-cutting** in 086042
quality characteristics of short-**cut country-s-** 082843
Analysis of allocation of **cross-cutting** operat- 086128
spray installation to raise **cultivated cuttings** 086036
Effects of **cutting date** on feed quality & yie- 088393
Hypobaric storage of **cut flowers.** 083744
Preservation of **cut flowers.** 083811
physiology research on **cut flowers.** 088057
Internal metabolic changes in **cut flowers.** 088058
Propagating with **hardwood cuttings.** [Shrubs 088731
influenced by date of initial **cutting, height** 088357
Hot cutting of lamb & mutton. 083470
of more efficient **improvement cutting** in sta- 085979
as influenced by date of **initial cutting,** heig- 088357
of allocation of cross-**cutting operations** in th 086128
Navel" & "Late Valencia" **orange cuttings,** 088047
between theory of **cutting regulation** & its p- 085894
of raspberries from **root cuttings** in response 086937
penetrans in raspberry **root cuttings.** 089552
black walnut clones from **rooted cuttings.** 088847
Water uptake rates by **cut roses** (Rosa hybr- 083702
on quality characteristics of **short-cut** count- 082843
New plants from tree & **shrub cuttings.** 088730
On protection work for **cutting slope** of fore- 085906
amounts of water spray & **soils** in **cuttings** 086036
formation of work process of **sorting cut** ti- 086162
determination of filling value of **cut tobacco** 083679
cultivated grape vines & grape **vine cuttings** 089428
of frequency & severity of **cutting** on **yield** 088337

CUTWORMS

virus in those of **exclamator cutworm.** [Agro- 089850
insecticidal control of dark-**sided cutworm** on 089966

CUVETTE

control in a **gas-exchange cuvette.** [Corn, so- 087723

CYANAMIDE

Influence of **calcium cyanamide** on tuber yie- 088798

CYANIDES

Promotion of seed germination by **cyanide.** 087547
test for detection of **cyanide** in **wines** & spir- 082691

CYANOGEN

characterization of **cyanogen bromide** pepti- 084095
Cyanogenesis in **Cotoneaster** species. 088136
On polymorphism of **cyanogenesis** in **Lotus** 086933

CYANOPHYTA

of nitrogen-fixing **Cyanophyta algae** in cent- 086457
culture of nitrogen-fixing **Cyanophyta algae** 088959
Jersey. I. **Cyanophyta** of **Musconetcong** Riv- 086609

CYCLAMATES

effect & hygienic evaluation of **cyclamates.** 083064

CYCLAMEN

Culture of **miniature cyclamen.** 088939

CYCLE

in Cicer arietinum seedlings by **cyclic** 3':5' 088041
of 5'-amido analogues of **adenosine cyclic** 3', 087271
Some aspects of field water **cycle affected** by 091591
Studies on **cyclic AMP** mediation of hormo- 090638
Annual cycle of abscisic acid in vegetative o- 088222
different sulfur fertilizers on **annual cycles** of 091814
Circulating hormone levels in **cycling beagle** 084775
Chronological changes in **cell cycle** of chick 084251
ultraviolet & visible radiations on **cell cycle** 086708
An analysis of mitotic **cell cycle** in root mer- 087879
Activity of some krebs' **cycle dehydrogenases,** 084030
Diet **dependent cycling** of protease activity 090650

Effect of planting date & **different cycles** of 089955
Organic matter & mineral **element cycles** in 087321
Embryonic cycles & secretion of cuticle am- 090709
Analysis of **endosymbiosis cycle** of Euscelis 090482
of surti buffalo uterus during **estrous cycle.** 084198
research on synchronization of **estrous cycle** 084761
glucose during bovine **estrous cycle.** 084851
thyroid status of buffalo during **estrous cycle** 084966
Post-puberty **estrus cycle** & gestation period 084748
Cyclic flowering patterns in flax as influenc- 087355
Glyoxylate cycle in germinating Ginkgo bil- 087328
Ecological studies on **gonotrophic cycle** of 090827
Waterlaw & **hydrologic cycle:** a Texas exam- 092273
or luteotrophic treatment in **intact cycling** s- 084741
visible radiations on cell **cycle kinetics** in e- 086708
Activity of some **krebs' cycle** dehydrogenases 084030
of progesterone on oestrous **cycle length** in 084208
It is solar energy that keeps **life cycle** in or- 081984
microalgal population on basis of **life cycle** 087377
selective occurrence in certain **life cycle** sta- 087418
Effect of kind of food on **life cycle** of lesser 089958
Life cycle of Skriabionofilaria skriabini, a S- 090456
Growth & **life cycle** of Baetis rhodani (Pict. 090563
of polar granules during **life cycle** of Droso- 090604
Effect of kind of food on **life cycle** of lesser 090818
activities in synchronous **meiotic cycle** of Lil- 086767
of Lilium DNA during **meiotic cycle.** 086772
membrane association during **mitotic cycle** of 087370
Adenosine 3':5'-**cyclic monophosphate**-bindi- 087257
of adenosine **cyclic** 3',5'-**monophosphate** in c- 087271
Fire & **nitrogen cycle** in California chaparral 087590
Nuclear cycle: a parameter for selection? [087052
Effects of **cyclic nucliotide** phosphodiesterase 084798
injections of progesterone on **oestrous cycle** 084208
iodine solution on duration of **oestrous cycle** 084273
follicle population during **oestrous cycle** in 084867
administered early or late in **oestrous cycle,** 084868
progesterone throughout **oestrous cycle** of p- 084871
Control of mare's **oestrous cycle** by prostagl- 084872
Parasitic cycle of Boophilus decoloratus (K- 090554
of buffalo during estrous **cycle, pregnancy** & 084966
Regular **queen cycle** & its advantages, espec- 091131
in control of **reproductive cycles** of domestic 084838
Cycle of a **rodent** filaria passed by mosquitos 090218
Sexual cycle in dwarf African & Toggenburg 084900
treatment in intact **cycling sheep** after secti- 084741
or pituitary stalk section in **cycling sheep.** 084742
occurrence in certain life **cycle stages.** 087418
evidence for their **cyclic structure.** [Populus 088296
phosphofructokinase **substrate cycle** in flight 090475
intensity on reactions of **violaxanthine cycle** 087748
Some aspects of field **water cycle** affected by 091591

CYCLOHEXIMIDE

by protein synthesis **inhibitor actidione.** 087100
Effect of **cycloheximide** on L-**leucine** transp- 087415
Flower initiation by **cycloheximide** in **long-** 087563
Effects of **cycloheximide** on **respiration** prot- 087551

CYCOCEL

Effect of CPTA & **cycocel** [chlorocholine ch- 087512
malvaceous plants regulated by **cycocel dust** 088192

CYLINDER

variety Bezostaja 1 & **Aegilops cylindrica.** 086836
in blue-green alga **Anabaena cylindrica.** 087412
but not perfect control. [**Imperata cylindrica**] 089646
Use of an **indented cylinder** as an aid in nu- 083669

CYLINDROCLADIUM

Cylindrocladium [crotalariae] black rot of p- 089204
its causal **pathogen, Cylindrocladium** scopar- 089254
L.) due to **Cylindrocladium scoparium.** 089038
Cylindrocladium scoparium, causal agent of 089229
of rice plant. [**Cylindrocladium scoparium**]. 089255

CYLINDROSPORIUM

of cherry leaves. [**Cylindrosporium padi**]. 089100

CYMBIDIUM

relation to bioassay of **Cymbidium mosaic** vi- 089224

CYNODON

Tissue culture of **Cynodon dactylon.** 086755
Competitive effects of **Cynodon dactylon,** S- 089630
in coastal bermudagrass. [**Cynodon dactylon** 090350
K[potassium] fertilizers on **Cynodon IB.8** & 091845

CYPERUS

studies in **Cyperus alopecuroides** Rottb. 086783
of Cyperus rotundus & **Cyperus esculentus** in 087175
Georgia cotton fields. [**Cyperus, Meloidogyne** 089547
disaccharide mixtures. [**Cyperus rotundus**]. 087223
Sorghum halepense & **Cyperus rotundus** on 089630

CYPRESS

influencing occurrence of white **cypress pine** 086047

CYSTEINE

volatile compounds from heated L-**cysteine.** 082953
Preventive effect of **cysteine** on "Browning" 083211
substrate to specificity of S-**alkyl cysteine** l- 087477
methionine & **cysteine** into **peritrophic** me- 090521

CYSTICERCOSIS

Hydatidosis & **cysticercosis.** 6. Acquired res- 085257
Cysticercosis in **cattle** & swine slaughtered 085551

CYSTINE

abomasal infusions of methionine & **cystine** 084073
Oxidation of methionine & **cystine** in **foods** 083151

CYSTITIS

Feline cystitis, urethritis, urethral obstructi- 085607

CYSTOSEIRA

Studies on **Cystoseira barbata** J. Ag. [Bioch- 087301

CYSTS

avenae Wollen-Weber, **cereal cyst** nematode 089469
Health damages & **cyst formation** in cattle 085732
Relationship between **ovarian cysts** & milk 084980
Cystic ovarian disease in dairy cattle. 085712
Relationship between **ovarian cysts** & milk 085766
Salivary cysts (mucoceles). [Dogs, cats]. 085629
Recurrent **sebaceous cysts** in a dog. 085748

CYTOCHALASIN

Inhibition by **cytochalasin** B of **sucrose** tran- 087335

CYTOCHEMISTRY

an ultrastructural & **cytochemical analysis.** 086749
studies of **cytochemical** & **cytological** chang- 090711
cytochemistry of **microbodies** in dinoflagella- 086806
of Drosophila. IV. **Cytochemical studies** sh- 090605

CYTOCHROMES

lower oxidation states & with **cytochrome** c. 083464
Oxidation-reduction behavior of **cytochromes** 087251
chloroplast plastocyanin & **cytochrome** f. [087279
variation of **cytochrome** 556 **content.** 087562
form of **cytochrome** b-559 in **greening** barley 087842
acid sequence of **cytochrome** c from **Nigella** 087254
of benzimidazole on **cytochrome-oxidase** an- 087367

CYTODIFFERENTIATION

it relates to **cytodifferentiation** & **hormone** t- 088008

CYTOGENETIC

in Podospora anserina. [**Cytogenetics**]. 086979
A **cytogenetic analysis** of a terminal deficie- 087080
Irradiated strawberries--**chemical, cytogenet-c** 083776
Cytogenetic effects of dichloropropionic acid 087659
Cytogenetical investigations of E1 hybrids b- 086836
Cytogenetic & **morphological** effect of gam- 086762
Cytogenetical studies in Primula sieboldi E. 086992
Cytogenetic studies on artificial polyploids 086998
Cytogenetics of **superhorse.** 084863
Cytogenetics of **ticks** (Acari: Ixodoidea). 12. 090517

CYTOKININS

metabolism of some **exogenous cytokinins** in 088250
Cytokinin-gibberellin regulation of shoot de- 087662
Influence of naturally **occurring cytokinins** f- 087465

CYTOLOGY

of cytochemical & **cytological changes** during 090711
Cytology of West **Himalayan** Betulaceae & 086719
Morphology & **cytology** of **ravenelia** emblic- 086832
Cytological studies on trichocysts. VI. Fine 086757
Cytological studies on Indian representatives 086788
Cytology of **vitellogenic** stages of oogenesis 090589
Cytology of **vitellogenic** stages of oogenesis 090590

CYTOLYSIS

mediation of hormonally **induced cytolysis** of 090638

CYTOMORPHOLOGY

Cytomorphological studies in organic acids t- 086792

CYTOPHOTOMETRY

Feulgen-**cytophotometric determination** of 084182
Feulgen **cytophotometric determination** of 086746
Cytophotometry of **DNA** & histone in meios- 090631
Cytophotometric study of cell types oi an a- 086696

CYTOPLASM

gametophyte mutation: source of **cytoplasm.** 087056
Cytoplasmic architecture of egg cell of Smit- 090838
conservation of parental **cytoplasmic DNA** 086764
Cytoplasmic effects on plant weight in cross- 086930
phosphate salts as **cytoplasmic inclusions** in 086811
Characteristics of **cytoplasmic inclusions** in- 089359
Cytoplasmic inheritance of timing of "senes- 086980
Nucleo-**cytoplasmic interaction** in determina- 087057
of pollen restoration in **cytoplasmic male** st- 086999
Inheritance of **cytoplasmic male** sterility in- 087003
Cytoplasmic male sterility research. [Corn] 087069
a symbiotic **intracytoplasmic microorganism** 090415
Test for **cytoplasmic mutants** induces by E 087020
Intracytoplasmic mycoplasmalike bodies in 089375
maydis on corn hybrids in **normal cytoplasm** 089210
Cytoplasmic & **nuclear** inclusions in leaf cel- 086737
Nucleo-cytoplasmic interaction in determina- 087057
conservation of **parental cytoplasmic** DNA 086764
from **cytoplasm** of **Phytophthora** palmivora 087418
A new **cytoplasmic polyhedrosis** virus from 090257
on a strain of a **cytoplasmic-polyhedrosis** vi- 091174
maize lines according to their **cytoplasm** & **ri-** 087073
Normal vs. male-**sterile cytoplasms** in maize 087070
of fertility in hybrids on **sterile cytoplasm.** 087083
single cross hybirds with **sterile cytoplasm.** 087087
two different male-**sterile cytoplasms.** [Corn 087095
Dynamics of **cytoplasmic streaming** in a pla- 087290
Proof of a **symbiotic intracytoplasmic** micro- 090415

CYTOSINE

stability conferred by **guanine-cytosine-rich** 087688

CYTOSPORA

from India. [Volutina **indica, Cytospora** shi- 086598
in peach caused by **Cytospora leucostoma.** 089186

CYTOTAXONOMY

Further cytotaxonomic studies in genus Tar- 086328

CYTOTOXIC

Provincialin, a **cytotoxic germacradienolide** 087428
A & B, **cytotoxic metabolites** of Chaetomium 087606

DACTYLIS

prevention of Fusarium diseases in **Dactylis** 088991
of orchardgrass seed. [**Dactylis glomerata**]. 087674
commercial fertilizer. [**Dactylis golmerata**] 091807

DACUS

abundance of olive fruit fly, **Dacus aleae** (G- 090088
sterile-release programs. [**Dacus cucurbitae,** 090028
eyed mutant of melon fly. [**Dacus cucurbitae** 090032
variations in adults of olive fruit **fly, Dacus** 090089

DAHLIAS

of growth speed & quality of plants. [**Dahlia** 088043
of red maple to verticillium wilt. [**Dahliae**]. 089185
antibiotics. [Verticillium **dahliae control,** cot- 089284
albo-atrum & **Verticillium dahliae.** [Wilt dis- 086875
Effect of fungus **Verticillium dahliae** on stru- 088982
albo-atrum & **Verticillium dahliae.** [Wilt dis- 089010

DAIRY

loss--due to brucellosis in **dairy animals.** 085331
experiences in Dortmund-**Bochum dairy** wo- 083265
on performance of young **dairy calves.** 084588
grain & soybeans in diets of **dairy calves.** 084594
Cooperative enterprise form in **dairy cattle** 082184
efficiency in mechanization of **dairy cattle** f- 082264
on close of time contracts for **dairy cattle** & 082478
Intensification of **dairy cattle** industry on st- 082666
loose-housing stables for **dairy cattle.** 083980
with common problems of **dairy cattle.** 1. 083986
search for standards for **dairy cattle.** 1. 083987
Cooperative enterprise form in **dairy cattle** 084002
Effects of non-genetic factors on **dairy cattle** 084133
*** 084135
zinc & plasma corticoids in **dairy cattle.** 084232
age adjustment of milk yields. [**Dairy cattle** 084244
A feeding program for summer. [**Dairy cattle**] 084393
energy constituents in diet of **dairy cattle** at 084428
Problems of feeding **dairy cattle** in intensive 084513
framework of total ration in **dairy cattle.** 084514
Transition to green forage. [**Dairy cattle**]. 084525
Essentials of feeding **dairy cattle.** 084675
of Zebu-European crossbred **dairy cattle.** 084824
Klebsiella organisms. [Mastitis, **dairy cattle** 085209
Control of **dairy cattle** & protection against 085379
Preventing milk fever in **dairy cattle.** 085645
Nasal granuloma in **dairy cattle** : Distributi- 085647
Cystic ovarian disease in **dairy cattle.** 085712
Ketosis in **dairy cattle** as related to manag- 085713
of pasture. [Management, **dairy cattle**]. 088496
to coincidence of drying up. [**Dairy cattle**]. 084015
for conventional **dairy concentrates.** [Cattle] 084423
Dairy cooperative boosts area's income. 082117
Periodic omission of **dairy cow** milkings. I. 083963
Periodic omission of **dairy cow** milkings. II. 083964
an important step in recycling of **dairy cow** 083968
waste products & their uses for **dairy cow.** 084419
Feeding of **dairy cow** & mineral composition 084450
with impaired fertility in **dairy cow.** 084855
an important step in recycling of **dairy cow** 092392
with ethephon growth regulator in **dairy cow.** 090348
II. Care & feeding in **dairy cows.** 082173
Rapeseed meal for lactating **dairy cows.** 084502
of protein supplement for **dairy cows.** 084504
corn silage & effects of feeding **dairy cows** t- 084586
on diurnal feeding pattern of **dairy cows.** 084607
flowing through duodenum of **dairy cows.** 2. 084656
on milk yield & composition in **dairy cows.** 084690
Course of postpartum period in **dairy cows** f- 084735
nutrition & production disease in **dairy cows** 085658
Displacement of abomasum in **dairy cows.** 085720
feed intake & milk production of **dairy cows** 090252
herd of Zebu-European **crossbred dairy** catt- 084824
Declining dairy earnings spur New Zealand' 082387
Water sorption by **dried dairy** products stab- 083311
Declining **dairy earnings** spur New Zealand' 082387

Dairy Experts & **Dairy Economists.** 083256
Reducing pollution of **dairy effluents.** 092332
association of Stuttgart **Dairy Experts** & Da- 083256
Dairy farm expansion. A planning experience 082109
is one way to combat them. [**Dairy farm** ma- 082345
Goals of increasing **dairy farmers'** earnings 082199
Report is a real threat to U.S. **dairy farmers** 082401
Fly control in **dairy farms.** [Diptera]. 090239
of fluid manure from maine **dairy farms.** 092398
on storage properties of a low-**fat dairy** spre- 083277
in rational feeding of **dairy** & **fattening** cattle 084515
Problems of **feeding dairy** cattle in intensive 084513
in corn silage & effects of **feeding dairy** cows 084586
Essentials of **feeding dairy** cattle. 084675
Dairy fertility study. 084803
of contained milk volume in **dairy goat** with 084242
Dairy goat nutrition. 084451
A modern milking barn for **dairy goats.** 091234
Financial planning for **dairy herd** expansions 082248
Complete feeds for **dairy herd** replacements 084648
monitoring system for **dairy herds** based on 084353
Goals of **increasing dairy** farmers' earnings 082199
for successful marketing. [**Dairy industry**]. 082348
market problems related to **dairy industry.** 082349
Still is not decided. [**Dairy industry,** prices] 082438
consumer qualification of **dairy industry** pro- 082720
Quality assurance & **dairy industry.** 082883
Dairy industry in Federal area in 1972 as w- 083254
Publicity activity of **dairy industry.** 083259
World wide development of **dairy industry:** 083262
Packaging of **dairy industry** products: 14th 083264
of glass synthetic bottles in **dairy industry:** 083265
for successful marketing. [**Dairy industry**]. 083269
Publicity activity of **dairy industry.** 083349
phosphate problem. [**Dairy industry**]. 092348
Utilization of **dairy ingredients** in other foo- 083326
th annual meeting of **International Dairy** I- 083262
Rapeseed meal for **lactating dairy** cows. 084502
content of fluid manure from **maine dairy** fa- 092398
reduction of pasture. [**Management, dairy** c- 088496
of Klebsiella organisms. [**Mastitis, dairy** cat- 085209
Dairy--official production records & their use 082105
Work hygiene in food industry. [**Dairy plan-s,** 083338
New **dairy policies** are well received. 082521
wastewater management in **dairy processing** 092223
U. S. **dairy product** exports down & imports 082516
World **dairy production** again shows surplus. 082375
milk product supply & of **dairy production.** 083271
marketing for export. [**Dairy products**]. 082312
to U.S. dairy farmers. [**Dairy products,** trade 082401
Marketing of **dairy products** in Quebec offe- 082459
consumption of milk & **dairy products** in wo- 082587
Reduction of shelf-life of **dairy products** by 082802
from milk samples & **dairy products** before 082875
properties: case of milk & **dairy products.** 082882
Cholesterol & **dairy products**--are they frien- 082943
Place of **dairy products** in human nutrition. 082986
Technology on milk & **dairy products.** 16. [083244
Technology on milk & **dairy products.** 17. [083245
as well as gelling syrup for **dairy products.** 083255
to U.S. dairy farmers. [**Dairy products,** trade 083281
Cholesterol & **dairy products**--are they frien- 083282
Water sorption by dried **dairy products** stab- 083311
of micronutrients in **dairy products** form M- 083335
September 1972. [**Dairy products**]. 083358
properties: case of milk & **dairy products.** 083374
of statistical tool. [**Dairy products**]. 083375
for some insect pests. [**Dairy products**]. 090186
with Igloo-Flex cooler. [**Dairy products**]. 091434
Summary of **dairy situation** in State of Goias 082594
storage properties of a low-fat **dairy spread.** 083277
of county association of **Stuttgart Dairy** Ex- 083256
Dairy wastes & environment. 092333
Dairy wastes. [Treatment]. 092447
in Dortmund-Bochum **dairy works.** 083265
World dairy production again shows surplus. 082375
calf starter on performance of **young dairy** c- 084588

DAIRYING
Role of world **dairying filling** protein gap. 083343

DALAPON
acid in aqueous solution. [**Dalapon**]. 089716

DALBERGIA
SEE LEGUMINOSAE

DALMATIAN
derived dermatosis in a **Dalmatian dog.** 085750

DAMPING
aspect of preservation of **damp maize** treated 083530
for control of **damping**-off of **mung** bean (P- 089077

DAMS
of **rats as** influenced by ration **fed dams** dur- 084595
oil meal in rations of **pregnant dam** on their 084682
Eutrophication of **dam reservoir** at Lubachow 092339
attenuation by torrent **training dams.** 092244
Phenotypic corrleations between **dam traits** 084842

DANAIDAE
Danais chrysippus L. Lepidoptera: **Danaidae** 089836
of polymorphism in **Danaus chrysippus** L.: 090859
energy by a butterfly. [**Danaus plexippus**]. 090523

DANTHONIA
reaction to grazing in **Danthonia bipartita** 087904

DATA
tabulation & presentation of **data.** 092106
Resources Observation System] **data** to **Arid** 082064
with nine member countries; **certain data** for 081908
Data to **changes** in chemical composition of 083272
in study of biological & **chemical data** from 091536
Recent **data concerning** use of sugar in ani- 084676
characteristics using production **cost data** of 082078
Preliminary **crystallographic data** for a basic 088105
basis of a system of socio-**economic data** in 085896
Electronic data handling--bookkeeping. [Mi- 082112
further tasks by using **electronic data** proce- 085973
Approaches to generating **experimental data** 082796
interpretation of **experimental data.** 082797
Approaches to generating **experimental data** 083881
Seepage flows--**field data** measurements for 091983
Electronic **data handling**--bookkeeping. [Mi- 082112
leukosis according to **data** of **histological** di- 085460
An on-site **hydrologic data** recording system 092278
Calculation of basic **hydrological data** as ref- 092186
Seepage flows--field **data measurements** for 091983
Data to **microbiological** properties of green 083731
Research study to **obtain data** pertaining to 083707
Data to **obtainable** size of significant differe- 088807
foods in 1972 & evaluation of **obtained data** 082722
Reprensentation of leaf **orientation data** by 087338
Number & **percentage data** of some infectio- 085344
Research study to obtain **data pertaining** to 083707
Preliminary data on fine structure of epigas- 090422
Data problems in agricultural economic res- 082034
by means of electronic **data processing** with 084508
tasks by using electronic **data processing** in 085973
Livestock & poultry **raising data.** 083924
Recent data concerning use of sugar in ani- 084676
Recent data about biology of grape rust mite 090044
of using punched cards in **recording data** of 085899
An on-site hydrologic **data recording** system 092278
irrigated lands according to **data** on **salinity** 092236
correlation of instrumental & **sensory data.** 082963
Canonical analysis of farm **staisfaction data** 082004
production, based on **data** from **state** farms 082627
Some **data** on **structure** & properties of O-a- 085458
New **data** on **tachina** flies in Fergana valley. 090883
Generalization of stream-**temperature data** in 092255
in Juniperus virginiana from **terpenoid data** 088293
Some **data** on in **vitro** hydroxylation of anth- 087195

DATING
Cherry **bloom dates** for Emmett, Idaho. 088688
Effects of **cutting date** on feed quality & yie- 088393
Triticum aestivum l.) at **different dates** of s- 087758
beet. 2. effect of selection on **flowering date** 087783
in relation to amount & **dates** of **grazing.** 084731
grasses in Kenya. 6. effect of **harvest date** on 088466
on process of drying grain. [**Harvesting date** 087874
Bringing upto **date information** on control of 090095
wheatgrass as influenced by **date** of **initial** c- 088357
Amino-acid composition of **Iraqi dates.** 083824
of fodder yeast produced from **Iraqi dates.** 083854
Effect of **planting date** & different cycles of 089955
Inheritance of **date** of **pollen** shedding in a 087041
Production of animal **proteins dating** from d- 084431
Bringing up to **date register** of lands; added 082236
of cultivation of pulses: effect of **sowing-date** 088378
Effect of **date** of **sowing,** spacing & picking 088890
Sowing date & yield of yam in Ghana. 088933
reference to variety of cotton & **sowing date** 089948
Crop estimation based on **weather date.** 085103

DATURA
in different organs of **Datura metel** var. fast- 082634
in leaf cells infected with **Datura shoestring** 086737
by pregnant sows. [**Datura stramonium**]. 085774

DDT
A century of **DDT.** 089804
fat & polychlorinated **biphenyl-DDT** combi- 082680
Influence of **DDT36 CL** [chlorine] on web- 090161
concentrations of PCB & **DDT compounds** in 082712
Effects of **DDT** on **growth** & reproduction in 085793
Effect of **DDT, gusathion** & lebaycid on corn 089881
Levels of **DDT** & **polychlorinated** biphenyl 090314
metabolism of **DDT**-14C in **susceptible** & re- 089979

DEAERATION
Defoaming & **deaeration** of **pulp** suspension 086212

DEALERS
U.S. Livestock through **dealers** & **public** ag- 082891

DEATH
with sudden decline & **death** of **apple** trees 089223
Death of **cattle** with pyogenous mastitis after 085325
cytological changes during **cell death** in larv- 090711
Death of **Director** General of [Agriculture] 088517
Stillbirth Mummification **Embroynic Death** 085425
Way out from **dead end** of agricultural policy 082656
in cattle with macroscopical **post mortem** le- 085667
Psilospora Rabenh. & **Psilosporina Died.** 086403
What is cause of **death** of **young** peach trees 089559

DEBARKING
pruning & **debarking** from **Germany.** [Germ- 085993

DEBONING
of bone content in **mechanically deboned** po- 083516

DECAY
in relation to microbial infection & **decay.** [089034
Potato seed **piece decay:** Its control. [Fusar- 089082
plums for: reducing **decay, reducing** moisture 083846
benzimidazoles for control of **storage decay** 089064
Isolation of a fast **decay** in **submillisecond** 087272
Rate of alcohol dehydrogenase in **vivo decay** 087092

DECIDUOUS
Pests of **deciduous fruit,** grapes & miscellan- 090079
in labor-saving culture of **deciduous fruits.** [088796
evolution from two **temperate, deciduous** wo- 091641
Interrelations of cedar & **deciduous trees** in 086622

DECOLORIZATION
exchangers on **decolorization** of **technical** su- 083683

DECOMPOSITION
Decomposition: Models & real world. [Soils 091534
Studies in humic **acids decomposing** bacteria 091785
Studies in humic **acids decomposing** bacteria 091786
Decomposition of **arginine** globulin during g- 087657
Rates of **cellulose decomposition** during co- 091829
Decomposition of **2-chloroethylphosphonic** 087508
rate of **decomposition** of **herbicide** Proximp- 089627
mechanism of **hydroperoxide decomposition** 083188
Nutrient release from **decomposing leaf** & b- 088257
Decomposition of **pesticides** by soil microor- 090356
growth during **decomposition** of **plant** litter. 087309
in studies on **decomposition** of **plant** residues 091524
some cations on **decomposition** of **RNA** in s- 087739
assay in terrestrial **decomposition studies.** 091515
On **decomposition** of **urea** formaldehyde res- 091805

DECORATION
il. Christmas tree & **decorative materials** fr- 085989
Decorative roles for vegetables & fruit. 088722

DEER
Horse flies & **deer flies** of New York (Dipte- 091030
Timber harvest--a **deer's** best **friend.** 086195
n. (Ixodoidea: Ixodidae), a **japanese deer** pa- 090265

DEFENSE
Intestinal defence in young pig: a review of 084350
Morphology & histology of **defensive pygidi-l** 090423
Nemeritis [canescens] to **defence reactions.** 090775

DEFICIENCY
Iron-**deficiency anemia** in mink fed raw mar- 085673
in leaves of phosphorus-**deficient barley.** 089456
control of iron **deficiency chlorosis** in fruit t- 089477
Copper deficiency in rat. Effect on ultrastru- 084074
grain yield of wheat on a **copper deficient** so- 091833
Deficiency diseases of livestock. 085677
of normal & **glutathione-deficient** sheep. 084755
Study of **iron deficiency** in peach, almond tr- 087994
experimentally induced zinc **deficient lambs** 085675
anhydrase activity in zinc **deficient leaves** of 088013
Managanese deficiency in ruminants. 2. Infl- 084772
Correcting **manganese deficiency** in soybeans 087814
Molybdenum deficiency in plants, 4th ed. 089526
Effects of **potassium deficiency** on photosyn- 087840
metabolism & calcium or **potassium deficien-y.** 087289
Liability for **deficiency** in **selling** slaughter 082468
Role of **sulphur deficiency** in balance of ash 087736
cytogenetic analysis of a **terminal deficiency** 087080

DEFICITS
diurnal variation of water **saturation deficit** 088072

DEFOLIATION
Abnormal defoliation of Satsuma mandarin 089518
of sucking insects on **early defoliation** of ha- 089994
Defoliation & fruit drop after Bordeaux mix- 089513
Studies on **defoliation** of **grapevines** in sum- 089519
use in detecting simulated **insect defoliation** 089918
caused by repeated gypsy **moth defoliations** 090127
Effect of **selective defoliation** on developme- 087727
Effect of **defoliation & sward** density on gr- 089611
Lam. following differential **tiller defoliation** 087246

DEFORMATION
Mechanization of a **deformation adjustment** 086161
Use of penetrometer for **deformation testing** 082812

DEGENERATION
Degenerative myelopathy in aging German 085635

with reference to **oocyte degeneration** in vir- 090607

DEGRADATION
of pollen grains & their **degradation** by **bees** 091110
On **degradation** of **cellulose** in oxygen-bleac- 086206
crystallinity in radiation-**degraded celluloses** 086115
temperatures. II. Drying **degrade, changes** in 086153
distribution, & **degradation** of **chlorinated** h- 090366
Degradation of **chlorinated** hydrocarbons by 091694
distribution, & **degradation** of **chlorinated** h- 092415
high temperatures. II. **Drying degrade,** cha- 086153
controlled **enzymatic degradation** of soy pro- 083658
Enzyme degradation in higher plants: phos- 087385
Degradation of **host** high molecular weight 089374
Degradation of **indoleacetic** acid (IAA) in so- 091713
Degradation & **isomerization** of BHC [Benz- 090392
Degradation of **lignin** with metallic sodium 086179
Degradation of **lignin** with metallic sodium 086180
Degradation of **nucleic** acid derivatives by r- 084105
Degradation of **parathion** in flooded acid soi- 089806
of fructoselysine & its **degradation products** 083175
on antigenicities of **degradation products** of 083328
Degradation of **progesterone** by aspergilli-si- 087635
crystallinity in **radiation-degraded** celluloses 086115
A **rapid degradation** of starch at hardening 083721
from viewpoint of **soil degradation** & regrad- 091666
Mathematical model of **thermal degradation** 083117
of cellulose during **thermal degradation** by c- 086132

DEHYDRATION
Influence of **dehydration method** on adsorpt- 083303
requirement for **dehydration** & **rehydration** 083707

DEHYDROGENASES
Dehydrogenase: An indicator of biological a- 091516
in rumen liquor **dehydrogenase activity** in b- 084344
of reduction activity (**dehydrogenase activity** 084346
of xanthine **dehydrogenase activity** during 090536
AdhlFCm "Operon". [**Alcohol dehydrogenase,** 087075
between ADH [**alcohol dehydrogenase**] isoz- 087076
by two, unlinked **alcohol dehydrogenase** gen- 087077
Rate of **alcohol dehydrogenase** in vivo decay 087092
of variation in ADH [**alcohol dehydrogenase** 087093
induction of ADH [**alcohol dehydrogenases**] 087694
Regulation of **alcohol dehydrogenase** (ADH) 087803
Operon". [Alcohol **dehydrogenase, corn,** gen- 087075
Activity of some krebs' **cycle dehydrogenases,** 084030
two, unlinked alcohol **dehydrogenase genes** 087077
Malate **dehydrogenase isoenzymes** in divisi- 087544
change of LDH [**lactate dehydrogenase**] act- 084098
immunized with **lactate dehydrogenase** X. 084927
Changes in rumen **liquor dehydrogenase** acti- 084344
isozymes of **malate dehydrogenases.** [Corn] 087038
Malate dehydrogenase isoenzymes in divisi- 087544
Malate dehydrogenases of Pisum sativum: T- 088160
krebs' cycle **dehydrogenases, phosphatases** 084030
P-DH [glucose-6-**phosphate dehydrogenase**] 084126
PGD [glucose-6-**phosphate dehydrogenase**] 084362
Expression of **xanthine dehydrogenase** activi- 090536

DELPHACIDAE
observations on **family Delphacidae** with sp- 090882

DELTAS
irrigation & drainage in **deltaic, coastal** & l- 092116
irrigation & drainage in **deltaic, coastal** & l- 092118
for irrigation & drainage in **deltaic, coastal** 092129

DEMATIACEAE
chromomycosis **fungus Phialophora** dermatit- 087413
blastoconidia of **Cladosporium herbarum** & 086744
Alternaria & **Cladosporium species** & their 089124

DEMODEX
Demodex Spp. in meibomian glands of Irish 090289

DENATURATION
I reversibiltiy of maize **DNA denaturation** t- 087688

DENDROCTONUS
Dendroctonus: production of pheromones & 090172
in Douglas-fir bark **beetle, Dendroctonus** ps- 090109
by female **Dendroctonus beetles.** 090694
clavigerum. [Pinus **contorta, Dendroctonus** 090108
synthesis in **Dendroctonus ponderosae** Hpok 090750

DENDROMETER
Dendrometric research on silver fir of high 085930

DENITRIFICATION
two techniques for **assessing denitrification** 086638
for studies of **denitrification** in **ecosystems.** 091520
Denitrification process in closed anaerobic 091599

DENSITOMETRY
Application of **densitometry** to **simple** dete- 090388

DENSITY
Management of high **density apple** orchards 088682
Bulk density estimation based on organic m- 091675
of narrow row, high **density cotton** in Austr- 088364
Effect of manuring & **different density** of st- 087649
Tree **density effects** on yields of herbage & 088528
Trials in **density** with **monogerm** genetic ty- 088415
of heterogeneity & **density** in **natural** regene- 086028
District. 6. Influence of **planting density** & 088428
Cicadellidae) **population densities** on corn. 089895
Population densities of a honeydew producer 090169
Abundance & **population density** of three le- 090816
of accuracy of determining **stand density** by 085991
L.) Moench as influenced by **stand density.** 086897
Effectiveness of **stand density** of trees & fert- 088904
of two methods of recording **stem densities** 088867
betulus L.). II. Wood **density, structure** & a- 086125
Effect of defoliation & **sward density** on gr- 089611
Fruiting nursery: **ultrahigh density** for evalu- 086938
of young pines at **various densities** in pine f- 085880

DEOXYRIBONUCLEASES
variations of a **deoxyribonuclease** in **salivary** 090505

DEOXYRIBONUCLEIC
in chick oviduct. I. **Deoxyribonucleic acid**--d- 084791
chick tritiated unique **deoxyribonucleic acid** 084792
Deoxyribonucleic acid & ribonucleic acid sy- 087541
rapidly reassociating **deoxyribonucleic acid** 087970
DNA amplification in Cumbidium protocor- 088008
incorporation into **DNA** of **Anemia** phyllitid- 087571
Appearance of **DNA breakage** & repairs act- 086767
characteristics of **DNA-containing** ("nuclear 091672
determination of **DNA content** in germ cell 084182
determination of **DNA content** of embryo p- 086746
of radio-isotopes & **DNA content** in varies 090430
Size & **DNA content** of nuclei in Polyxenus 090480
conservation of parental **cytoplasmic DNA** 086764
I reversibiltiy of maize **DNA denaturation** t- 087688
Formation of rings from **Drosophila DNA** f- 090718
of **DNA** from **fungi** & yeast. 087451
Cytophotometry of **DNA** & **histone** in meios- 090631
with highly polymerized **homologous DNA** 084028
Uptake of double **labeled DNA** into isolated 088231
Methylation of **Lilium DNA** during meiotic 086772
[**dNA magnification** at bobbed locus of Y ch- 090506
during ribosomal **DNA magnification** in Dro- 090743
Characterization of **DNA** from **maize** lines of 087064
type I reversibiltiy of **maize DNA** denaturat- 087688
DNA-membrane association during mitotic 087370
A **native DNA**-RNA hybrid from Anacystis 087263
Plurality of values in **nuclear DNA** of epide- 086696
of chloroplast & **nuclear DNA** of maize. 087796
purification of maize **nuclear DNA.** 087804
Nuclear morphology & **nucleolar DNA** synt- 084120
of spermatozoal **deoxyribonucleo-protein** dur- 084870
of rapidly **reassociating deoxyribonucleic** ac- 087970
in Drosophila. VII. **DNA replication** patter- 090508
X & Y chromosomes during **ribosomal DNA** 090743
A native **DNA-RNA** hybrid from Anacystis 087263
of rapidly labelled heavy **satellite DNA.** 088174
Stability of **spermatozoal deoxyribonucleo-p-** 084870
morphology & nucleolar **DNA synthesis** dur- 084120
DNA synthesis in relation to chromosome p- 086770
Analysis of **DNA synthesis** during meiotic p- 086771
II) on **DNA synthesis** & mitosis in Physar- 087629
Plant hormones & **DNA synthesis:** evidence 088174
of chick tritiated **unique deoxyribonucleic** ac- 084792

DEPLETION
of normal & potassium-**chloride depleted** yo- 084662
E & fat on **depletion** of a **cholesterol** depot 084729

DEPRECIATION
Depreciation of **inventory.** [Equipment]. 082197

DEPRESSION
without **depression** of **light**-induced pH [hyd- 087950

DERIVATIVES
Study of amylose & its **derivatives.** [Potato 083843
Degradation of nucleic **acid derivatives** by r- 084105
special forms of silicic **acid derivatives** & sil- 091561
exigua & its **allotetraploid derivative.** 086869
Anthracene derivative in callus cultures from 087493
Benzimidazole-derivatives. [Anthelmintics] 085523
methyl & a piperazine **derivative fungicide.** 089220
with a peperazine **derivative fungicide** on Ve- 089221
X-ray analysis of a **methiodide derivative.** 087349
acids & their **derivatives** on **organism** causin- 089283
XVI. synthesis of **derivatives** of **oxygen** hete- 090230
Combretaceae. IV. **Phenanthrene derivatives** 087348
production of some **soybean derivatives.** 083579
Derivative spectrophotometry on basis of re- 086291
Utilization of **steroid derivatives** by larvae of 090639
on exudation of sugars & **sugar derivatives** f- 087838
proteins dating from **derivatives** of **sugar** co- 084431

DERMAPTERA
of Eurobrellia annulipes (Lucas). **Dermaptera** 090794

DERMATITIS
Allergic **flea dermatitis.** [Dogs]. 085505
fungus **Phialophora dermatitidis.** 087413
outbreak of contagious **pustular dermatitis** in 085590

DERMATOLOGY
Clinical dermatology in 3-d slides. [Dogs]. 085198

DERMATOMYCOSIS
Feline dermatomycosis: A review & case stu- 085506

DERMATOSIS
intractable metabolically-**derived dermatosis** 085750

DERMESTIDAE
on reproduction of hide **beetle, Dermestes** 090681
by larvae of **Dermestes maculatus.** 090639

DESALINATION
planning--with emphasis on **desalination.** 092093
weather, sea farming, **water desalinization** & 092104
Case studies of **desalted water** for irrigation 092256

DESERTS
Animal production in **desert.** 083957
Mulch-composting in **desert.** 091906
Ecology & behavior of **desert burrowing** coc- 090755
farming & cultivation of **deserts** in **Israel.** 082140
histology of corpora cardiaca in **desert locust,** 090428
formation & sperm transfer in **desert locust,** 090498
Desert pollen production. I. Qualitative infl- 087239
Reclaiming deserts. [U.S.S.R]. 086661

DESICCATION
seeds to **desiccation** & low **freezing.** [Wheat, 087744

DESMODIUM
Desmodium alkaloids. IV. Chemical & phar- 087555
yield & persistence of **Desmodium intortum** 088337
leaves & leaf litter of **Desmodium intortum** 091982

DESORPTION
Determination of **desorption** & **solubility** ra- 091612

DETECTION
Autoradiographic techniques to **detect active** 086639
of beeswax & **detection** of **adulteration.** 082792
Detection of **adulteration** in apple juice con- 082877
of beeswax & **detection** of **adulteration.** 083132
Aerial detection of tobacco ringspot virus-in- 089389
Sensitive procedure for **aflatoxin detection** in 082789
assay in order to **detect antibiotic** residues. 084364
Detection of **antibodies** to Babesia bigemina 085223
fixation tests for **detection** of **antibodies** in 085311
Biological detection of 2,4-dichlorophenoxy- 089449
in separation & **detection** of **bitter** compoun- 083118
strip technique for **detection** of **coliforms** in 083386
or electrolytic **conductivity detection.** 089675
a new stain for **detection** of **constitutive** het- 084141
On **detection** & **control** of Sacchiphantes vir- 090154
screening test for **detection** of **cyanide** in wi- 082691
separation & **detection** of **dithiocarbmate** fu- 089078
Palpation for **detection** of **dysplasia** & wedge 085621
Flavor detection threshold values for ethyl 082965
technique for **detection** of **fowlpox** antigen. 085265
for **detection** of **inhibitory** substances in milk 083248
conditions, & **detection** of this **insecticide** in 089826
Life detection by gas chromatography-mass 091543
Martian **life detection** based on in situ gas 091544
Detecting Marek's disease herpesvirus: eval- 085263
Microbiology--detection of bacterial pathog- 092452
Microbiology--detection & occurrence of vir- 092453
of feces for **detection** of **parasites.** 085591
Detection of **processing** injury & viability in 083531
Rapid detection of aflatoxin contamination 082686
photography: use in **detecting simulated** ins- 089918
Simultaneous detection of metabolites from 082801
Detection of **sodium** bicarbonate in milk. 082764
Detection of **staphylocaccal** enterotoxins in 082736
flying activity of insects by **detecting static** 090662
Flavor **detection threshold** values for ethyl 082965
on reliability of serological **virus detection** in 089428

DETERGENTS
trisodium phosphate as a **detergent.** [Milk] 083292

DETERIORATION
Novel methods for **evaluating deterioration** 082845
Microogranisms in **margarine deterioration.** 082844
Use & **deterioration** of some **Scottish** hill pa- 092036
II. An observation of **surface deterioration** of 086183

DETOXICATION
Detoxification of **fluometuron** by Citrus tiss- 089747

DEVELOPING
of maximum sensitivity of **developing apple** 087936
Progress in **developing** new **brocolli** varieties 087116
Role of USDA in **developing** new **chemical** 090319
on skeletal growth in **developing chick** emb- 084247
of radiation tolerance of **developing chick** e- 084385
Histological studies of **developing cotton** boll 089034
A chip in aid to **developing countries.** 082611
machinery in **developing countries.** 091409
drainage schemes in **developing countries;** (a 092189
vibration effect in **developing** of **equipments** 083061

plant growth substances in **developing fruit** 087932
heavy pros & cons in **developing immunity.** 085421
Developing Indonesia's agriculture. 082652
activity in **developing Lycopersicon** esculent- 088127
pattern of catalases in **developing maize** en- 087084
of light on pigmentation in **developing maize** 087797
ADH) activity in **developing maize** endospe- 087803
oryzae (L.) **developing** in **Manitoba** wheat. 090207
Developing a soil quality index. 091637
a randomly dispersed root **system developing** 087552
Amylases of **developing wheat**,barley, & oat 087726

DEVELOPMENT

A habitat in **development:** villages-streets of 081990
for Economic Cooperation & **Development**]- 082412
Agriculture in **development:** Cisjordan from 082535
Science, technology, & **development:** A new 082648
slow muscles of chick during **development.** 084128
different stages of growth & **development.** 084438
paper industry: prospectives & **development** 086114
Development of "senescence" in Podospora 086979
through progressive stages of **development.** 087716
of tulip bulbs during **development.** 088060
into apple fruit during **development.** 088172
pallida 01.: Ulterior stages of **development.** 089816
Glossina morsitans during its **development.** 090231
Bee of tomorrow & its **development.** [Apicul- 091081
of gene expression in **development.** II. 091201
of system planning to **development.** 092191
of proportional **development according** to pl- 092431
Development of **afforestation** work by public 085939
new techonology in **agricultural development** 081935
Disparities of **development** of **agricultural** in- 082215
an approach to **agricultural development** & 082596
A new strategy for **agricultural development** 082615
Agricultural development as a function of re- 082616
Agricultural development in Gujarat. [Horti- 088822
On **development** of **agricultural** machine im- 091352
of technology in **development** of **agriculture** 081937
Society in **development** of **agriculture** & hor- 081995
Trends of **development** in **agriculture** & food 082553
Society in **development** of **agriculture** & hor- 088882
Development of **agriucltural** banks. 082294
of soil conditions in **development** of **Agrotis** 089774
Development & **alternation** of acaricides in 089813
Development of **annual** characteristics of in- 091303
Development of **apterygote** insects. 090582
Development of **Aspergillus** flavus & aflatox- 083910
adjustment & **development** in **Australia.** 082584
Development of **automatic** equipment for irr- 091370
Growth & **development** of **baby** pigs with ea- 084696
State Co-operative Land **Development bank** 082269
socialization & **behavorial development.** 084326
fertilization on **development** of **Botrytis** cin- 089022
description of chick wing **bud development** 084132
to bacterial **canker development** in resistant 089316
Carcass development in beef cattle subsequ- 084215
Control of muscle & **cartilage development** 084249
Principles in **development** of **cattle** producti- 083976
Cattle development in Andhra Pradesh. 083978
Principles in **development** of **cattle** producti- 091282
Cecidian development & role of parasite in 089817
Comparative study of **development** of **cell** su- 086694
Swine **Development Center.** 083995
vI. structure & **development** of **chitin.** 090434
Development of **climate** & vegetation of eas- 086617
Eimeria tenella, & **development** of a **clopidol**- 085279
in cooperation. [**Community development**]. 085250
Complete development of sporogonous stages 090720
defoliation on **development** of **cotton** bolls. 087727
expansion phase of **cotyledon development** in 087541
during **development** of **cotyledons** of Pisum 087973
fat adipose cell & its **development** in **course** 084021
Development in **Culex** pipiens of Saurocyto- 090419
Development of a low-**damage** potato washer 091333
Development of **design** storm hyetographs f- 092275
agriculture. **Development** or **disappearance?** 082029
drainage planning & **development** in **East** P- 092123
in Four Corners **Economic Development** Re- 082277
of lymphokines in **development** of **ectopic** l- 085195
Development of **edible** tallow fractions for s- 083457
Development of **edible** mushroom production 088810
Development of **embryo** sac of sunflower He- 086738
Development of **embryo** sac of sunflower He- 086739
Embryo development & seed set in crosses f- 086873
brain & lung during **embryonic development** 084022
Embryonic development of Pyrrhocoris apte- 090429
activity during **embryonic development** of D- 090536
physical, mental, & **emotional development** 082911
Embryo sac & **endosperm development** in s- 086699
Development of **environmental** indices: outd- 082058
Peasant society & **development** in **Ethiopia.** 082011
Experimental development of Centrocestus 085354
finance for **development** of **family** farms in 082300
plant diets on **development** & **fecundity** of 090794
Megaspore genesis & **development** of **female** 086773
Development of **female** ovule of olive flower 086779
Development of **female** Drosophila reproduc- 090596
membrane material to **flavor development** in 083316
History of **floral development** of Rosvaceae 087294
on ovulation rate & **follicular development** in 084840
On **development** of new **food** products. 083164
Development of **forest** policy in Australia. 085923
attitude toward trend in **forest development** 085972
Present situation & **development** of **forest** so- 092041
remarks about **development** of **forestry** mac- 085912
activity & **development** of **forestry** & forest 085957
Development of **forestry** & wood technology 086230
rythm of immersion on **development** of **free** 087188
Functional development of rumen in buffalo 084191
Functional development of rumen in buffalo 084550
Functional development of rumen in buffalo 084551
implications to their **further development.** 091889
Treatment & **development** of **Fusarium** dam- 089128
Future development of beech economy. [Fag- 086000
on vegetative & **generative development** of 087951
Development of **goat** rearing. 083956
two endoparasites on **development** of **gonads** 090847
phase of **development** & **growth** of Vicia faba 087983
Development of **Haemonchus** eggs under ou- 085371
Structure & **development** of **hairs** in Agrimo- 087357
Development of **hemimetabolous** insects. 090583
Development of **holometabolous** insects. 090580
within frame of **development** of **human** socie- 092385
A direction of **husbandry development** & cor- 082185
Development of **imaginal** abdomen of Droso- 090532
Busulfan: **development** of **improved** methods 089908
Industrial development & legal provisions on 082752
in calves. I. **Development** of an **infection** m- 085234
Inflorescence development of semidwarf & s- 087709
Role of hormones in **insect development.** 090587
Inhibition of **insect development** by simulta- 090707
in connection with **development** of **intensive** 092083
Development of **irrigation** & drainage in Ba- 092117
introduction & **development** of **irrigation** & 092189
all-around **development** of **Japanese** national 085968
Development of **jute** cards with reference to 083619
expressed during **development** & **lactation** & 084842
State Co-operative **Land Development** bank 082269
Bank credit for Mysore **land development** p- 082270
Development of a **large** scale method for ve- 086076
Development of **large** fruit-growing areas-- 088655
Larval development of Diplotriaena tridens 090457
inheritance of abscission **layer development** 087016
during various stages of **leaf development** of 087218
poplar plant in relation to **leaf development.** 088276
New **development** of **legislation** & organizat- 082582
animal diseases: **Development** of **legislation** 084984
prospects of their **development** in **light** of c- 085854
differentiation & **development** of **Lycoris** rad- 087432
Lymphoid development of embryonic chicken 084038
for catalase in early **maize development.** 087794
Development of **Malayan** canned pineapple 082433
June 1973. **Development** of a **manual** for liv- 082558
Development of **mating** propensity in two k- 090451
Development of **meat** production through ce- 084008
solutions. I. **Development** of a **mechanism.** 083053
Aspects of **development** of **mechanization** of 091429
information & further **development meeting** 083256
chromatography. I. **Development** of **method** 082689
Results of study & **development** of **methods** 085449
trees on growth & **development** of a **mixed** 089575
Development of **muscle** fibers in fetal pig. 084833
Development of **narrow** row, high density co- 088364
Development of **needle**-shortening gall midge 090103
during diapause & **normal development** of b- 090675
factors of **development** of **Nosema** apis Zan- 091117
Development of **nucleolus** of ovarian nurse c- 090599
Sexual **odor development** in boars. 084147
Development of **off-odors** & off-flavors in pa- 083773
allatum control of **ovarian development** in 090706
L.) & their brood on **ovary development** of 091120
of myoglobin on **development** of **oxidative** r- 082833
Package development for foodservice indust- 083079
its outlook for **development** with **particular** 082095
Studies on **development** & **pathogenicity** of 085301
Regional **development patterns** in Nagano P- 081977
Trends in **development** of **pedigree** livestock 084893
material age for **development** & **performance** 091218
Trends in **perspective development** of wood- 086231
Development of **photochemical** activity & a- 087842
development of **phytopathological** mycologic- 088980
influence on slash **pine development** in Flor- 086025
Plant development & yield on mountain gra- 088536
Development & uses of **plant** protection & 090316
Glance at **development** of **plasticulture** in w- 088564
Development of **plastid** system of ethiolated 087371
environment on **poinsettia development.** [E- 088037
by X rays on **ponderal development** & water 090418
during **postembryonic development.** 090480
Postembryonic development of genital syst- 090854
composition during **development** of **potato** p- 088234
Poultry development. [Industry, India]. 083522
Poultry development in Mysore State. 083977
Price development in agricultural sector dur- 082421
Development in **production** of forest propag- 085670
Profile development in Danish loamy soils. 091565
Studies on **development** & **profitability** of " 082116
credit for Mysore land **development project** 082270
chloride) on **development** & **propagation** of 089852
problems of **proportional development** accor- 092431
Present situation & **prospect development** of 091091
movement for **purposeful development** of wo- 083167
of royal jelly during **development** of **queen** 091163
Position & **development** of **raw** wood proces- 086094
temperature for **development** of **reddish** color 083804
of temperatures on **development** of **reddish** 083803
Four Corners Economic **Development Region.** 082277
Regional development patterns in Nagano P- 081977
Regional development & land utilization pl- 082067
Coping with **regional development** by agricu- 082159
Development of **resistance** by Botrytis ciner- 089156
Concept of water **resources development.** 092205
attitudes in water **resources development** in 092282
soil strength & **root development** of asparag- 086799
of histology of lateral **root development** in 086815
cultivation systems on **root development** of 087771
of soil cultivation on **development** of **root** sy- 088202
soil strength & **root development** of asparag- 088836
nitrogen levels on **development** of **roots** in j- 087403
of Fusarium [solani] root **rot development** in 089066
Rural development in Lebanon. 081928
Rural development training in Maysore Sta- 081973
Aged households in **rural development** of Ad- 082022
Land policy, land use & **rural development.** 082056
Finance for **rural development.** 082254
participation of a **rural development.** 082536
Embryo **sac development** in Trautvetteria j- 086606
loss during embryo **sac development** in high- 087081
in process of **development** in **Salicornia** stri- 087188
in regard to **development** & **sanitation** of liv- 085100
Seasonal development of sheath net-blotch of 089254
Control of **seasonal development** in parasites 089794
Control of **seasonal development** in parasites 089795
Control of **seasonal development** in parasites 089797
Control of **seasonal development** in parasites 089798
Control of **seasonal development** in parasites 090608
Control of **seasonal development** in parasites 090609
Control of **seasonal development** in parasites 090617
Control of **seasonal development** in parasites 090618
Studies on **development** of **selective** tea-pick- 091439
Sequential development of viruslike sympto- 089383
on course & control of **sexual development** of 084808
in hormonal influence of **sexual development** 084979
gibberellin regulation of **shoot development** 087662
On deposits & **development** of a **small** bog in 086615
Example of **development** of **soil** maintenance 088645
Development of **soil** tillage equipment. 091341
Example of **development** of **soil** maintenance 091882
Morpholoby & **development** of **soybean** plant 086735
Development of **spatial** patterns in integum- 090585
Co-operation & **Development** on **standards** f- 091355
Main trends in **development** of **state** farms. 082163
Growth & **development** of steers with advan- 084159
relative humidity on **development** of **stem** le- 089228
Structural development of plastic covered fo- 091274
Development & **structure** of Veterinary Fac- 085078
at Helgoland: **development** & **structure.** 087391
planning for **development** of **sundarbans.** 082562
aspects of **development** of **sunflower.** 088315
Swine Development Center. 083995
Plans & timing for **technical development** of 082599
basic direction in **technical development** of c- 088557
Simuliidae). 2. **Development** of a **technique** 090300
Development of **technology** & production of 091823
thuringiensis on **development** of **tobacco** bu- 089928
Towards development of weight of Karakul 084612
Rural **development training** in Maysore Sta- 081973
Development of **tree** crop procuction in sou- 088975
of meat technology & **development trends.** 083435
Present situation & **development trends** of 088585
Development trends in mechanical soil culti- 091460
Development trends in production of chlori- 091821
Development trends in field of nitrogen ferti- 091822
Trunk development of young trees. [Ornam- 088595
Correlation of pollen-**tube development** of " 088104
Development of **unthinned** white spruce pla- 086015
Design & **development** of a **vane** type open 091381
to study of **development** of **veterinary** service 085153
Development of a **viral** insecticide: concept 089890
system on **development** of a **virus**-induced t- 085604
Dynamics of **development** of **weaving.** [Texti- 083624
of nutrient provision & **weight development** 084520
Development of **weight** variation in Douglas 088261
World **wide development** of dairy industry: 083262
Development of a **wide** swath lime & fertili- 091476
of various sugars on **development** & **wing** pr- 090640
during **development** of **winterbuds** & leaves 088235
of twenty years of **development work** at De- 085232
Functions & **development** of **work** of assemb- 091355
Development of **yield** preduction equations 086259
correlations between **yield, development** & 087178
measures on **development** & **yield** of potato 089131

DEXAMETHASONE

rabbits with **corticosteroid dexamethasone.** 084841
in lactating cows **given dexamethasone.** 084240
in lactating cows **given dexamethasone.** 084241

DEXTRAN

diethylaminoethyl]-**dextran** on **infectivity** of 085244

DEXTRANASE

Purification of **dextranase** from **Penicillium** 087281

DIABETES
Acute pancreatitis with **coexistent diabetes** 085633
A study on **diabetes insipidus** in dogs caused 085652

DIACETYL
of wort on formation of **diacetyl** & **acetoin.** 083540

DIAGNOSIS
Reproductive disorders in pigs. I. **Diagnosis** 085655
III. Leaf analysis for **diagnosing boron** requ- 091846
test as an aid to **diagnosis** of **bovine** trypano- 085594
standard. [Livestock, **brucellosis, diagnosis**] 085302
pathogenic mycobacteria in **diagnosing cattle** 085454
Diagnosis of **chronic** diarrheal disorders. [D- 085608
pituitary abnormality. I. **Clinical diagnosis.** 085652
Electrocardiography for **diagnosis** & **control** 085661
Crop diagnostic study & its application: Ver- 087899
accumulation. II. **Differential diagnosis** of a- 085022
Swine **diseases--diagnosis** & prevention. 085099
rectal swabs in **diagnosis** & **epidemiological** 085295
by plants. [Tomatoes, **foliar diagnosis**]. 087434
plums, 1967-1970. [**Foliar diagnosis**]. 091989
processes as a basis for **genetic diagnosis** of 091697
Nature & **diagnosis** of **Gumboro** disease in p- 085216
of uterus cavity in **gynaecology diagnostics.** 085175
of veterinary students in **herb diagnosis** by i- 085106
according to data of **histological diagnosis.** 085460
Diagnosis & **management** of lower urinary t- 085768
Diagnosis of **Marek's** disease & its control o- 085592
Future of **in-office diagnostic** systems in vet- 085116
technique for early **pregnancy diagnosis** in 084845
Quantitative diagnostics of Nosema disease 091203
pustular dermatitis in sheep **rapid diagnosis** 085590
Diagnosis of **respiratory** disease in canine. 085613
percussion in **diagnosis** of **respiratory** diseas- 085735
Serological diagnosis of parainfluenza-2, par- 085518
Crop diagnostic study & its application: Ver- 087899
Future of in-office **diagnostic systems** in vet- 085116
Results of various **diagnostic tests** for brucel- 085305
Diagnosis & **treatment** of common heart dis- 085630
Diagnosis & **treatment** of sand colic in horse 085746
of methods for **diagnosis** of **trypanosomiasis** 085530
Biopsy techniques & their **diagnostic value.** 085014
Biopsy techniques & their **diagnostic value.** 085016
*** 085018
Results of **various diagnostic** tests for brucel- 085305
procedures employed in **diagnosis** of A **virus** 089406

DIALDEHYDES
of a novel **sesquiterpene dialdehyde** from La- 087616

DIALLELS
Measurement of pollen grain size in **diallel.** 087043
of date of pollen shedding in a **corn diallel** c- 087041
of translocations by **diallel cross** of wheat v- 086834
Triticum species through **diallel cross** analys- 087181
Zea mays L.) in system of **diallel grossing.** 087125
morphological components in a **diallel set** of 088419

DIAMINES
poultry meat by EDTA [**ethylene diamine** t- 083516
other **fatty diamines** in oil films & water di- 090249

DIANTHUS
wilt in carnation. [**Dianthus caryophyllus**]. 088981

DIAPAUSE
gossypiella Saunders, during **diapause** (Lepi- 089887
Diapause of **Chrysopa** carnea (Chrysopidae: 090514
Studies on physiology of **embryonic diapause** 091176
s physiological state on **diapause induction** in 089796
acid content during **diapause** & **normal** deve- 090675
influencing termination of **diapause** in **pink** 090804
flies. I. Ecological control of **pupal diapause** 089797
Diapause of **sorghum** midge, & location with- 089911
regulation of **diapause** of **southwestern** corn 089927

DIAPHANIA
pests of summer squash. [**Diaphania nitidalis** 090013

DIAPHRAGM
Diaphragmatic hernias. [Surgery, dogs, cats] 085029

DIARRHEA
in treatment of **diarrhea** in new **born** calves 085550
differences in expression of **fatal diarrhea** in 083959
Diarrhoea in **horse** associated with stress & 085572
of a bovine viral **diarrhea-mucosal** disease vi- 085248

DIASPIDIDAE
district. Hemiptera-**Homoptera-Diaspididae.** 090093

DIATOMS
Stephanodiscus hantzschii Grun. [**Diatoms**] 086455
relationships among **diatom assemblage** with- 086641
on some species of centric **diatom genera** T- 086388
Diatoms of **marine** littoral of Steenberg's C- 086394

DIATRAEA
of southwestern corn **borer, Diatraea** grandi- 089927
to stalk borers. [Chilo **plejadellus, diatraea** 089920
applied chemicals. [**Diatraea saccharalis**]. 089922

DIAZINON
toxic mammalian metabolites of **diazinon.** 090375
Toxicity of acephate & **diazinon** to **harlequin** 090035

DIBROMIDE
Increased tolerance to **ethylene dibromide** in 090206

DICAMBA
Transformation of **dicamba** in **Regina** heavy 089674

DICHLOROPHENOXYACETATE
Metabolism of 2,4-**dichlorophenoxyacetic ac-d.** 087411
salt of 2,4-**dichlorophenoxyacetic acid** on mi- 087645
Metabolism of 2,4-**dichlorophenoxyacetic ac-d.** 087766
detection of 2,4-**dichlorophenoxyacetic acid** 089449
of a 2,4-D [2, 4-**dichlorophenoxyacetic acid**] 089648
of 2,4-D [2,4-**dichlorophenoxyacetic acid**] in 089745
Effect of 2,4-**dichlorophenoxyacetic acid** on 089855

DICHLOROPROPENES
Effects of Mocap, N-**Serve, Telone,** & Vorlex 090315

DICHLORVOS
sows & their progeny dosed with **dichlorvos** 090347
Efficacy of four **dichlorvos formulations** aga- 085298
Effectiveness of **dichlorvos vapor** against Xe- 090247

DICHROISM
Circular dichroism spectra of granal & agra- 087850

DICRANUM
Dicranum groenlandicum in Finland. 086582

DICROCOELIIDAE
hosts of **Dicrocoelium lanceatum** in Bosnia 090290
Biology of **Dicrocoelium lanceolatum** (Rudo- 090287

DICTYOCAULUS
adherence reaction with **Dictyocaulus filaria** 085571
of lamb lungworm (**Dictyocaulus filaria**). 085597

DICTYOPTERA
Arenivaga sp. (**Dictyoptera, Polyphagidae**). 090755

DICTYOSTELIUM
formation in **Dictyostelium discoideum.** 087107
slime mould **Dictyostelium discoideum.** 087257
slime moulds. [**Dictyostelium discoideum**]. 087271
slime mold **Dictyostelium discoideum.** 087342
sline mold, **Dictyostelium discoideum.** 087353
develop ment of **Dictyostelium discoideum** 087416
stages of cellular slime **mold Dictyostelium** 087108

DIEBACK
chemicals. [Ceratocystis **ulmi, dieback,** Ulm- 089233
lmi (Buisman) C. Moreau. [**Ulmus, dieback**] 090155
Winter dieback of forest crops in Maritime 085823

DIED
SEE DEATH

DIELDRIN
Dieldrin storage of obese, normal, & semist- 090310

DIELS
Diel & annual periodicity of larval quiescen- 090757
movements & some **diel & seasonal** changes 090760

DIETHYL
dinitramine (N3,N3-**diethyl**-2,4-**dinitro**-6-trif- 089673

DIETHYLAMINOETHYL
Effect of DEAE[**diethylaminoethyl**]-dextran 085244

DIETHYLCARBAMAZINE
with **morantel/diethylcarbamazine** in yarded 085570

DIETHYLDITHIOCARBAMATE
on effect of **sodium diethyldithiocarbamate** 087402

DIETHYLSTILBESTROL
of PM [pregnant mare] serum & **stilbestrol** 084960
of **diethylstilbestrol** & its **glucuronide** in cat- 082684
of **diethylstilbestrol** & **methyltestosterone** & 084564

DIETS
Milk products for lactose-intolerant. [**Diet**] 082903
concerning absence of iron from **diet.** 083000
New scientifically founded **dietary allowanc-s** 082979
toward definition of **dietary allowances.** I. 082981
Studies on **artificial diets** & laboratory rear- 089971
bee Megachile rotundata on **artificial diets.** 090651
Studies on **artificial diets** & laboratory rear- 090828
of honey bee larvae on **artificial diets.** [Apis 091127
II. Optimum protein level in **assay diets** & 084610
at differnet concentrations in **diet** on **blood** 082947
Effect of barley in **broiler diet** on fatty acid 084608
Cattle diet on Ankole rangeland at different 084708
Effect of **dietary changes** on phospholipid c- 090682
in pregnancy: comparison of **diets collected** 082907
meal on digestibility of a **concentrate diet** f- 084709
amino acids in young men **consuming diets** d- 082908
Animal response to **diets containing** opaque 084641
Influence of supplemental **dietary copper** & 084582
Effect of **dietary crude** protein level on inte- 084472
energy constituents in **diet** of **dairy** cattle at 084428
sorghum grain & soybeans in **diets** of **dairy** 084594
Diet dependent cycling of protease activity 090650
acids in young men consuming **diets differing** 082908
Dietary factors affecting fertility & hatchabi- 084411
Influence of **dietary fats** upon carcass lipid 084576
soft phosphate in **diets** with & without **fish** 084462
Effect of **dietary fish** oil soapstock on perfo- 084465
New scientifically **founded dietary** allowanc- 082979
Phaseolus vulgaris L.) in **diets** for **germ-free** 084459
changes in composition of **diet** of **growing** pi- 084426
copper supplements in **diets** for **growing** pigs 084507
Cooper levels in **diets** for **growing** pigs. 084562
Some evidence on role of **high dietary** phos- 084552
quinone & selenium in **diet** of **house** cricket, 090647
Importance of protein in **human diet.** 082933
safflower oil in **diet** on **hydrogenation** of un- 084609
supplementation of a **hyproprotein diet** in c- 082969
cortisol on natural **imbalanced diets.** [Rats] 084659
of sexual season by means of **improved diet** 084960
response of pigs to an ulcer **inducing diet.** 085603
of alfalfa meal as a **dietary ingredient** for y- 084463
of crab meal as a **dietary ingredient** for you- 084464
of urea & groundnut in **isoenergenetic diets** 084461
bulls fed on nutritional high **level diets:** a c- 084405
special references to effects of **dietary levels** 091177
Effect of age & **dietary magnesium** on volun- 084589
yeast culture in **diets** for **mechanically**-fed n- 084578
weevil, & granary weevil on a **meridic diet.** 090192
to relationship between **diet** & **milk** fever on 084706
replacement of butterfat in a whole-**milk diet** 084460
consuming a wide range of **dietary nitrogen** 082905
of different sources of **dietary nitrogen** on v- 084549
Diets & **performance** of steers grazing three 084476
protein level in **diet** of **performance** & carca- 084564
evidence on role of high **dietary phosphorus** 084552
content of sorghum grain in **pig diets.** 084440
Nutritional effect of animal & **plant diets** on 090794
Folate content of **diets** in **pregnancy:** compa- 082907
Influence of **dietary protein** & carbohydrate 084265
Effects of **dietary protein** level & feed restri- 084565
acids of swine as influenced by **diet protein** 084581
in chickens fed high & low **protein diets.** 084599
Effect of **dietary protein** level & protein sou- 084602
amounts of a medium & a high **protein diet** 084604
amounts of a mediumand high-**protein diet** 084605
Influence of **dietary protein** on skeletal mus- 084662
of biological value of **dietary proteins.** XVII: 082945
of maize/dried sugar beet **pulp diets** on meth- 084387
home & diets prepared from **dietary records** 082907
Effect of **dietary selenium** level on Se [selen- 082992
Diet, sex & vacuum packaging effects on po- 082799
Coronopus didymus) in **dietary** of **sheep.** 084557
Effect of **dietary supplement** of safflower oil 084606
grazing sheep & cattle. [**Dietary supplement** 084695
Influence of **supplemental dietary** copper & 084582
culture in growing-finishing **swine diets.** 084579
in a growing-finishing (G F) **swine diet.** 084728
Bombyx mori, on semi-**synthetic diets,** with 091177
of increasing amounts of **dietary tallow** on 084584
Effect of **dietary vitamin** E on activities of g- 084603
Influence of **dietary vitamin** E & fat on dep- 084729
hormone analogue in **diet** of **waxmoth** galler- 090749

DIFFUSION
of research results: **diffusion, adoption** & pe- 081893
Agar diffusion system with Bacillus stearoth- 083248
Changes in **minimal diffusive** resistances of 087984
Diffusion of **oxygen** through lenticels in pot- 088185
Diffuse pulmonary calcification & ossificati- 085678
for determining apparent **thermal diffusivity** 083141

DIGESTION
nitric acid]-H2S04 [sulfuric acid] **digestion.** 091557
Measurement of **digestibility** of **alfalfa** prote- 084600
composition of **digesta** along **alimentary** tract 084041
Effect of easily **digestible carbohydrates** from 084715
Comparative digestibility of casein & pancr- 084660
citrus meal on **digestibility** of a **concentrate** 084709
Studies on **consumption, digestion** & utilisat- 089763
studies on flow of **digesta** in **duodenum** & of 084104
Effect of **easily digestible** carbohydrates from 084715
on amount & composition of **digesta flowing** 084656
Digestibility of & **growth** on rations contain- 084590
Phosphomonoesterases of **digestive gut** in P- 090527
dry wheat straw on feed **intake, digestibility** 084203
Kochia scoparia. III. **Digestibility** of **Kochia** 084592
straw: in vitro dry **matter digestibility** & c- 083879
Limited **pepsin digestion** of bovine plasma a- 084056
fistulae for study of **digestion** in **pigs.** II. Es- 084315
fistulae for studies on **digestion** in **pigs.** I. E- 085129
Digestive processes of haematophagous insе- 090496
physical characteristics of **digesta** in **reticulo** 084103
on certain indexes of **ruminal digestion** & m- 084319
Self-digestion of gut epithelium: a possible 090037
constituent of fungal flora of **digestive tube** 084052
Relationships between in **vitro digestibility** 086991

nitrogen on **digestibility & voluntary** intake 084441
Digestibility & voluntary intake measureme- 084442
species & their **digestibility & voluntary** int- 084443
on comparison of **digestion** by New **World** c- 084048

DIGGERS
Bullock drawn **groundnut digger.** 091380
sharing & nest transfer in **digger wasp** Phil- 090448

DIGGING
Forestry: time to **dig** in? 085843

DIGITAL
for moist air using a **digital computer** & plo- 091330

DIGITALIS
Intoxication of mink with **Digitalis purpurea** 085788
by suspension cultures of **Digitalis purpurea** 087510

DIGITARIA
of Chloris gayana, **Digitaria decumbens** & P- 084441

DIHAPLOIDS
Calyx forms in **dihaploids** in **relation** to orig- 086808

DIKETONES
New beta-**diketones** from **Buxus** sempervire- 088290

DILLENIACEAE
New & remarkable **Neotropical Dilleniaceae** 086477

DILUTION
Isotopic **dilution determination** of lebaycid 088090
investigations into a **diluent** of **turkey** semen 084890

DIMER
Catechin-dimers in oak bark (Quercus robur 088246
Catechin-dimers contained in oak bark. IV. 088247
VIII. Isolation of a **dimer** with **Cbeta-Cbeta** 086178
Fate of **pyrimidine dimers** in ultraviolet-irra- 087471

DIMETHYL
application of succinic **acid** 2,2-**dimethyl** hy- 088213
Dimethyl sulfoxide & amino acid analyses. 083549
Dimethyl sulfoxide (DMSO) & equine pract- 085132

DIMETHYLHYDRAZIDES
SADH [succinic **acid**-2,2-**dimethylhydrazide** 088053
SADH [succinic **acid**-2,2-**dimethylhydrazide** 088902

DIMETHYLSULFOXIDE
of starches in **dimethylsulfoxide & variations** 083550

DINITROPHENOL
weight antibody to 2'4'**dinitrophenol.** 084164

DINITROPHENYL
of lysyl residue in goat **anti-dinitrophenyl** a- 084165

DINOFLAGELLATA
of microbodies in **dinoflagellates.** [Scrippsiel- 086806

DIOECISM
of sex expression on **dioecious cucumber** with 086939

DIONAEA
in higher plants. [Mimosa **pudica, Dionaea**] 087303

DIORYCTRIA
American species of **Dioryctria** (Lepidoptera 090927

DIOSCOREA
among greater yam (**Dioscorea alata** L.) cult- 088926
sapogenins from **Dioscorea** in **Malaysia.** 088181

DIOSGENIN
Diosgenin, gitogenin & igogenin from Trigo- 087447

DIOXIDE
Effect of dissolved O2 [**dioxide**] on changes 083307
Utilization of a **carbon dioxide** electrode for 083689
method for determination of **carbon dioxide** 083708
Control of Co2 [**Carbon dioxide**] fixation by 086805
algae. 2. Kinetics of 14CO2-[**carbon dioxide** 087628
relationship between CO2 [**carbon dioxide**] 087693
organic compounds & **carbon dioxide** by roo- 087743
on assimilation of **carbon dioxide** by mature 087953
biosynthesized from 14C02 [**carbon dioxide**] 088132
interaction with ethylene & **carbon dioxide** 088162
Effects of **carbon dioxide** on activity of apple 088163
Response of **carbon dioxide** fixation to water 088166
effects of hydrogen ions, **carbon dioxide,** & 088170
Carbon dioxide compensation points in popl- 088275
Carbon dioxide for control of an insect infes- 090201
to sublethal dosages of **carbon dioxide.** 090567
Relative toxicity of sulfur **dioxide, carbon** di- 091123
Carbon dioxide evolution from two tempera- 091641
Carbon **dioxide compensation** points in popl- 088275
Utilization of a carbon **dioxide electrode** for 083689
Carbon **dioxide evolution** from two tempera- 091641
Response of carbon **dioxide fixation** to water 088166
Mapping of sulfur **dioxide immission** & its u- 089566
oxide of nitrogen] & N02[**nitrogen dioxide** r- 091554
P02[**phosphorus dioxide**] PC02[phosphorus 084252
nitrogen] & N02[nitrogen **dioxide reduction,** 091554
Mapping of **sulfur dioxide** immission & its u- 089566
Relative toxicity of **sulfur dioxide,** carbon di- 091123
sensory properties of **titanium dioxide** as a f- 083571

DIOXINS
tetrachlorodibenzo-p-**dioxin** in **cooked** fat c- 082682

DIPHENYLAMINE
of wax coatings **containing diphenylamine** on 083710

DIPHOSPHATASE
Estimation of **fructose diphosphatase**-phosp- 090475

DIPHOSPHATE
Adenosine diphosphate sulphurylase activity 087965
of ribulose 1,5-**diphosphate carboxylase** in b- 087836
of mannose from **guanosine diphosphate** ma- 087270
UDP [**uridine diphosphate**]-glucose: flavonol 087975
obtained from UDP [**urioine diphosphate**]-3 087844

DIPLODIA
rot studies in maize. [**Diplodia, Gibberella,** 089140

DIPLOIDS
An investigation of meiosis in **diploid** (Morus 087162
Occurrence of **diploid drones** in a neotropic- 091125
transaminase isozymes in **diploid plant** Ste- 086869
speciation, & origin a **diploid species** of Ste- 086855
aberrations in aneuploid vs. **diploid swine** le- 084292
on berry dropping of **diploid & tetraploid** gr- 087170
Study on germination in **diploid & triploid** 087001

DIPLOPODA
Studies on Anatolian **callipodoid Diplopoda** 090974
Polyxenus lagurus L. **(Diplopoda, Penicillata)** 090480

DIPLURA
tubule patterns in sperm tail of **Diplura.** [J- 090717

DIPPING
in tissues of progeny following **egg dipping.** 084078

DIPRION
number of instars ina **sawfly, Diprion** similis 090123

DIPTERA
Dried Hermetia illucens larvae **(Diptera:** St- 084517
for biocontrol of blackflies **(Diptera:** Simuli- 089785
of pupal diapause in Sarcophagidae **(Diptera)** 089797
Whorl maggot Hydrellia spp. **(Diptera:** Eph- 089851
Hydrellia sasakii Yuasa & Isitani **(Diptera:** 089933
control of wheat blossom midges **(Diptera;** 089974
olive fruit fly, Dacus oleae (Gmel.). **Diptera:** 090089
Burgess attacking beans in Egypt. **Diptera:** 090094
larvae of winthemia occidentis **(Diptera:** Ta- 090105
Loew on stored onion bulbs **(Diptera:** Syrph- 090182
Fly control in dairy farms. **[Diptera].** 090239
larvae of winthemia occidentis **(Diptera:** Ta- 090493
of trypsin by Aedes aegypti **(Diptera:** Culici- 090496
of two species of high-arctic aedes **(Diptera:** 090500
alternantherae Dendy & Sublette **(Diptera:** 090541
some eastern Nearctic Tabanidae **(Diptera).** 090568
of pupal diapause in Sarcophagidae **(Diptera)** 090617
in a Sierra Nevada peatland. **[Diptera].** 090760
of Ctenosciara hawaiiensis (Hardy) **(Diptera** 090762
olive fruit fly, Dacus oleae (Gmel.). **Diptera:** 090798
Grassi & Anopheles annularis Wulp. **Diptera** 090799
Burgess attacking beans in Egypt. **Diptera:** 090814
Dolichopodidae species **(Diptera)** from Mon- 090872
lackschewitzianus Alexander 1952 **(Diptera:** 090910
Palaearctic species of genus **(Diptera:** Chiro- 090930
of Platypezidae form Kenya **(Diptera).** [Lin- 090954
some eastern Nearctic Tabanidae **(Diptera).** 090967
larval Aedes communis (DeGeer): **(Diptera:** 090996
species Gaurax venustus Czerny **(Diptera:** 091004
Genus Vidalia & its related genera **(Diptera:** 091014
of Solva meigen from Indonesia **(Diptera:** S- 091049
olive varieties to infestation. **Diptera:** trypet- 090088
Dyar & Aedes nigromaculis (Ludlow) **(Dipt-ra** 090286
Notes on **Diptera associated** with Macrote- 091054
vicina R. -D. **(Diptera, Calliphoridae).** 089798
abietis Hub. **(Cecidomyidae, Diptera).** II. R- 090171
aphidimyza (Rond.) **(Diptera, Cecidomyidae** 090100
mugo subsp. mughus **(Diptera, Cecidomyiidae)** 090103
cell of Smittia spec. **(Diptera, Chironomidae** 090838
hamoni n. Sp. **(Diptera Culicidae).** 091043
calcitrans Linn. **(Diptera, Cyclorrhaphpa:** 090560
seasonal distribution of **Diptera, Homoptera** 090758
On Saxifraga sect. **Diptera** of **Japan,** with d- 086333
studies on a leaf mining **diptera, Liriomyza** 090094
of hippopotamus **(Diptera, Oestridae).** 090292
of Piophila casei **(Diptera, Piophilidae).** [Pe- 089980
n. from Yugoslavia **(Diptera, Scatophagidae)** 090869
fly from Denmark **(Diptera, Simulidae).** [S- 090963
De Geer **(Diptera, Simuliidae).** 2. Developm- 090300
to faunistic study of **Diptera** in a **stream** fr- 090453
flies of Meijendel **(Diptera, Syrphidae).** 090991
deer flies of New York **(Diptera, Tabanidae)** 091030
bisignata Meig. **(Diptera, Tachinidae)** para- 089796
Colletion at Munich **(Tipulidae, Diptera).** 086499

DIPTEROCARPACEAE
by exterior exposure. **[Dipterocarpaceae].** 086176
by exterior exposure. **[Dipterocarpaceae].** 086183

DIROFILARIA
of transmission of **Dirofilaria immitis** by mo- 090298

DISACCHARIDES
analysis of monoand **disaccharide mixtures.** 087223

DISCOLORATION
Bochemical studies on **discoloration** of **fresh** 083468
Pink discoloration in Cheddar cheese. 083324

DISCOMYCETES
Notes on **Coprophilous Discomycetes** in Ja- 086478

DISEASE
means more loss than any other **disease.** 084284
of Egyptian cow in health & **disease.** 084371
Diseases. [Guinea pigs]. 085211
Adenovirus infection & **disease.** I. Some cha- 085270
Adevovirus infection & **disease.** II. Histopat- 085271
natural resistance in cows. **[Diseases].** 085588
definitions for a "new" group of **diseases.** 085665
strains of broilers to Marek's **disease.** [Avian 085676
Diseases. [Soybeans]. 089454
of palmetto gardens from pests & **diseases.** 089563
wilt in conditions favorable to **disease** (Pseu- 089295
for control of truck crop insects & **diseases.** 089463
parainfluenza-3, mucosal **disease, adeno** virus 085518
Control **against diseases** of cereals in vegeta- 089243
Akagare disease of rice plant. 089517
Control against **animal diseases:** Developme- 089484
New legislation of **animal diseases** & its sign- 091181
against Marek's **disease** with **Australian** stra- 085258
mutants of tobacco. **[Bacterial diseases,** Pse- 087158
Apricot scabbing. **[Bacterial diseases].** 089299
on resistance in crops to **bacterial diseases** in 089302
mutants of tobacco. **[Bacterial diseases,** Pse- 089325
on causal organisms of **bee diseases.** [Apis 091189
Surgery & **diseases** of **bladder** & urethra. [V- 085028
Bacterial leaf spot & halo **blight diseases** of 089301
Note on seed-**borne diseases** of chilli (Capsi- 089095
better crop production. [seed-**borne diseases** 089481
Stem **break disease** of corn a criteria in sele- 089173
in apple trees with witches' **broom disease.** 089312
Calf diseases can be fatal. 085337
Control of **calf diseases.** 085767
Isolation of a foot-and-mouth **disease carrier** 085323
diagnostics of Nosema **disease cases** in bees 091203
Control of brown rot **disease caused** by Scle- 089126
Cercospora disease in tea plant. 089264
Control against **cereal diseases:** Study days 089435
in culture. [Eyespot lodging **disease, cereals]** 089011
waterborne outbreaks. [**Disease, chemical** po- 092451
Diseases of **cherries** (not including virus dis- 089525
associated with a **disease** of **Chondrilla** junc- 089381
its correlation with **diseases** of **civilization.** 082925
A survey of **cocoa diseases** in Uganda. 089043
Diagnosis of Marek's **disease** & its **control** o- 085592
Influence of management on **disease control.** 085718
spraying methods. [Fungus **diseases, control]** 089161
Black thread **disease, control** measures & yi- 089286
Trees in trouble. **[Diseases, control].** 089482
Post harvest apple dips. **[disease control].** 089580
orchards in Kyushu. 2. [Yield, **disease contr-l]** 088557
Report on **diseases** of **cultivated** plants in E- 089492
Deficiency diseases of livestock. 085677
Fusarium blight, a **destructive disease** of Ke- 089023
Swine **diseases--diagnosis** & prevention. 085099
therapy of intervertebral **disc disease** with s- 085012
Disc disease. [Surgery, dogs, cats]. 085032
epizooty of Aujeszky's **disease** in **dog** in eas- 085537
Treating Dutch **elm disease** with benlate. [088977
chemical treatment for Dutch **elm disease** c- 089149
Control of dutch **elm disease** in artificially-i- 089194
Dutch **elm disease** in Colorado--1972. [Cera- 089232
in transmission of Dutch **Elm Disease** path- 090155
Soil **erosion-- disease;** soil conservation-- cu- 092021
current research on **diseases** of **Eurasian** wa- 089656
Disease evaluation & cultivar resistance to 089279
ribonucleic acid] from **exocortis disease.** [Ci- 089418
infections & parasitic **diseases experienced** in 085344
of natural & **experimental disease.** 085271
of resistance of sugarcane to **eyespot disease** 089157
Mammary **fibrocystic disease,** malignant mi- 085641
as an alternative to **fighting disease** & scale 089531
A stem & **fruit disease** of papaya in Barbad- 089208
is prepared in orchard. **[Fruit, diseases].** 089443
benomyl & cerobin. [Fungus **diseases, fruits]** 089162
Phyllanthus emblica, **fungus diseases].** 086832
palmivora. [Cacao, **fungus diseases].** 088992
parasite relations. [Plants, **fungus diseases]** 089045
at a locality in Greenland. **[Fungus diseases]** 089055
Fungus diseases of black currants & possibil- 089061
in tuber & root vegetables. **[Fungus diseases** 089098
District. [Polymyxa betae, **fungus diseases]** 089114
spraying methods. **[Fungus diseases,** control] 089161
of benomyl & cerobin. **[Fungus diseases,** frui- 089162

a nutrient Medium. [Wheat, **fungus disease**] 089180
Fungus diseases of quince. 089261
Phyllanthus emblica, **fungus diseases**]. 089290
control. [Sugar beets, **fungus diseases**]. 089171
Tests on prevention of **Fusarium diseases** in 088991
in pheasant with regard to **diseases** in **game** 085538
Diseases of **grass** & herbage legumes. [Fungi 089047
Nature & diagnosis of **Gumboro disease** in p- 085216
Congenital **heart disease** in dog. 085605
Acquired **heart disease** in cat. 085606
treatment of common **heart diseases**. [Dogs] 085630
an attenuated Marek's **disease herpesvirus**. 085258
Detecting Marek's **disease herpesvirus**: eval- 085263
mild strains of Marek's **disease herpesvirus**. 085275
livestorck & yourself from **hydatid disease**. 090240
Salmonellosis: An **important disease** of cattle 085196
Incidence of most **important diseases** & pests 089534
Seed-borne & other **important diseases** of gr- 089537
Sugar beet pest & **disease incidence** & dama- 089498
on course of Newcastle **disease infection** in 085481
fate of Marek's **disease** & **infectious** laryngo- 085202
Medicine. [Livestock, **infectious diseases**]. 085441
trends in research on **infectious diseases** of 085448
of swine against acute **infectious diseases**. 085449
Protect chicks against **infectious diseases**. 085486
Factors **influencing diseases** of respiratory & 085414
Some **inherited diseases** in cattle. 085741
in corn & soybeans weeds, **insects, diseases** 089432
Gastro-**intestinal diseases** of swine. 085438
than a harmless superstition. [**Lawn diseases** 089172
A new **leaf disease** of Canthium. [Guignardia 089040
change for Marssonina, **leafspot disease** of 089265
irreconcilable things? [**Livestock, diseases**]. 085327
Listeria monocytogenes. [**Livestock, diseases**] 085589
Objectives of seminar. [**Livestock disease**]. 085687
in culture. [Eyespot **lodging disease**, cereals] 089011
blast: a serious new **disease** in **Louisiana**. [P- 089129
help growers to control this **major disease**. 089069
Mammary fibrocystic **disease, malignant** mi- 085641
superstition. [Lawn **diseases, Marasmius** or- 089172
of bee pathology. [Apis **mellifera, diseases**]. 090737
in Azerbaijan. [Apis **mellifera, diseases**]. 091194
A **mosaic disease** of ragi [Eleusine coracana 089352
Isolation of a foot-and-**mouth disease** carrier 085323
a group protein in foot-and-**mouth disease** vi- 085395
by type SAT 2 foot-& **mouth disease** viruses 085396
properties of foot-and-**mouth disease** virus. 085446
parainfluenza-3, **mucosal disease**, adeno virus 085518
Casuistics of **mucosal disease**. [Cattle]. 085520
of a bovine viral diarrhea-**mucosal disease** vi- 085248
in prevention of white **muscle disease** in yo- 085689
nutrition in Montana. [White **muscle disease**] 085723
Pathology of white **muscle disease** in young 085743
those infected with **Mycoplasma disease**. 085457
Prevention of **Newcastle disease** in poultry. 085218
disinfectants. [Bacteria, **Newcastle disease** v- 085237
exposure to velogenic **Newcastle disease** vir- 085266
pathotype of **Newcastle disease** virus. 085272
of chicks to inactivated **Newcastle disease** v- 085281
of some antibiotics on **Newcastle disease** " 085326
a reviewed control of **Newcastle disease**. [P- 085334
formation against **Newcastle disease** virus in 085369
for airborne spread of **Newcastle disease**. [085398
day chicks against NDV [**newcastle disease** 085431
properties of attenuated **Newcastle disease** v- 085475
properties of **Newcastle disease** virus strains 085476
HI) antibodies on course of **Newcastle disea-e** 085481
bees & of winter flights on **Nosema disease** 091157
Transmission of **Nosema disease** from infect- 091171
Quantitative diagnostics of **Nosema disease** 091203
Nosema disease of bees, an economical prob- 091215
Brucellosis as an **occupational disease** of ver- 085101
Pests & **diseases** of **oil** & coconut palm: Par- 089937
Cystic **ovarian disease** in dairy cattle. 085712
infectious & blood-**parasite diseases** of livest- 085463
data of some infections & **parasitic diseases** 085344
Bovine tuberculosis, **parasitic diseases**]. 085513
of Dutch Elm **Disease pathogen**, Ceratocystis 090155
Trends in control of **peach diseases**. [Hytos- 089242
fruits for resistance. [**Pests, diseases**]. 086918
antifungal isoflavan from **diseased Phaseolus** 088149
identification of **plant diseases**. 089452
of prediction & prevention of **plant diseases** 089511
of classes to rate severity of **plant diseases**. 089543
Verticillium dahliae. [Wilt **diseases, plants**] 086875
Differentiation of salmon **poisoning disease** 085205
Differentiation of salmon **poisoning disease** 085206
Differentiation of salmon **poisoning disease** 085207
How to control **potato diseases**. [Fungi]. 089053
Potato disease research projects in Canada 089442
antibiotic for control of **poultry diseases**. 085282
proteinogram in some **poultry diseases**. 085368
Mineral nutrition & **production disease** in d- 085658
of tobacco. [Bacterial **diseases, Pseudomonas** 087158
Pursuance of infection by **pullorum disease** 085304
examination of a **purulent disease** in swine. 085412
Potato **disease research** projects in Canada 089442
variety possessing stripe **disease resistance**. 086987
Floratam, a new **disease--resistant** St. Augus- 089842
"bRD" [bovine **respiratory disease**] means 084284
Occurrence of a **respiratory disease** in poult- 085365
Fungi associated with **respiratory diseases** of 085367
Torticollis & **disease** of **respiratory** tract, ca- 085470
Respiratory diseases of young cattle. 085489
Diagnosis of **respiratory disease** in canine. 085613
A plan to control chronic **respiratory disease**. 085649
in diagnosis of **respiratory diseases** in dog & 085735
Diseases of **retina** & choroid. [Dogs, cats]. 085618
Fusarium, Pythium & **Rhizoctonia diseases** 089263
organotin compounds against red **rot disease** 089086
Ecology of heart **rot diseases** in Toko apple 089124
Control of brown **rot disease** caused by Scle- 089126
treatment for control of **seedling disease** of 089062
causal agent of a new **disease** of **silver** butto- 089229
a reassessment of **disease situation** in Niger- 085527
nematodes & some **soilborne diseases**. [Tyle- 089550
Studies on Elsinoe & **Sphaceloma diseases** of 086597
Leaf **spot diseases** on Graminicolous species 089055
Chemical control of leaf-**spot disease** of sap- 089072
Leaf **spot disease** of sorghum caused by Rhi- 089091
A new leaf **spot disease** of Salvia leucantha 089272
cultivar resistance to brown **spot disease** of f- 089279
dispersal in black leaf **streak diseases** of ba- 089012
associated with maize **streak disease**. 089385
first rice variety possessing **stripe disease** re- 086987
of Sphacelia sorthi. [Sorghum **sugary disease**] 089096
Swine diseases--diagnosis & prevention. 085099
Black **thread disease**, control measures & yi- 089286
Tobacco diseases in Madagascar. 089437
stevensi, a new vector of bunchy **top disease** 089384
maydis as influenced by **transmissible disease**. 089211
Various vaccines for **treating diseases** in pou- 085217
records of pome & stone fruit **tree diseases** f- 089087
Disease trends in domestic animals & poult- 085778
on occurrence of **disease** of **udder** in cows in 085700
Control of Marek's **Disease** by **vaccination** 085593
field experiment of Marek's **disease vaccine**. 085411
Diseases of **vagina** of cow. 085672
Diseases of **vegetables** & their control. 3. S- 089098
Diseases of **vegetables** & their control. 2. S- 089507
*** 089509
in study of ecology & **diseases** of **vegetables**. 089561
Vesiculose disease of swine; its appearance in 085181
immunogenesis in relation to **Vibrio disease** 085459
Viral disease of some warm weather pulse c- 089388
Computer-based catalog ov **viral diseases** of 089811
Viral disease of some warm weather pulse c- 089941
Bacteria, Newcastle **disease virus**]. 085237
sutides of Marek's **disease virus** directed int- 085245
a bovine viral diarrhea-mucosal **disease virus** 085248
to velogenic Newcastle **disease virus**. 085266
pathotype of Newcastle **disease virus**. 085272
to inactivated Newcastle **disease virus**. 085281
formation against Newcastle **disease virus** in 085369
protein in foot-and-mouth **disease virus** part- 085395
chicks against NDV [newcastle **disease virus**] 085431
of immunoprophylaxis for **virus diseases** of r- 085436
properties of foot-and-mouth **disease virus**. 085446
Some results of studying **virus diseases** of li- 085461
of attenuated Newcastle **disease virus** strains 085475
properties of Newcastle **disease virus** strains 085476
Virus diseases of potato in India & their co- 089340
present danger in tobacco. [**Virus diseases**] 089341
Virus diseases of Ranunculus in Apulia. 089345
Virus diseases in stone fruits. [Peach, cherry 089349
of fanleaf & chrome mosaic **virus diseases** on 089350
Virus diseases & what they mean to peach t- 089397
of cherries (not including **virus diseases**). 3d 089525
A **virus disease** in Anopheles quadrimaculat- 090256
Investigation of a **virus disease** of densonucl- 090440
by type SAT 2 foot-& mouth **disease viruses** 085396
Diseases of **wheat** & their control. 089480
Diseases of **winter** wheat. [Erysiphe graminis 089132
Environmental changes & **diseases** of **woody** 089444
undulata associated with **disease** of 80-**year-** 089207
citrus orchards in Kyushu. 2. [**Yield, disease** 088557

DISINFECTION

of temperature on solutions of **disinfectants**. 085237
of some more **disinfectants against** bacteria. 085238
of efficacy of various **disinfectants applied** by 085055
activity of Weladol. [**Disinfectants, canine** v- 085487
of action of **disinfectants** on **causal** organisms 091189
Sporicidal effect of **chemical disinfectants**. [082678
Considerations on **disinfection measures** in v- 083018
of residues of **disinfecting quaternary** ammo- 083384
Effectiveness of various **seed disinfectants** & 089258
trials for its control with **soil disinfection**. 089104
microbicidal solutions as **surface disinfectan-s**. 085056

DISKS

of suberin forming cells from **aging discs** of 086830
aggregates of irradiated imaginal **disk cells** 090839
Cervical disk prolase in a Doberman Pinsch- 085639
therapy of intervertebral **disc disease** with s- 085012
Disc disease. [Surgery, dogs, cats]. 085032
Disk-electrophoresis of wheat gluten polype- 083656
intervertebral **disk fenestration** in dog. 085049
Pattern formation in **imaginal discs** of Dros- 090531
Imaginal discs of Drosophila. 090586
Transplanting of **imaginal discs** of Drosophi- 090620
Freeze-conservation of **imaginal discs** & larv- 090841
Freeze-conservation of **imaginal discs** & larv- 090842
tabacum 1. cv. Xanthi-nc tobacco **leaf discs** 089362
Spinal disc surgery in dog. 085031
Choice of tooth & **disc tools** for soil tillage 091343
metabolism in Solanum **tuberosum discs**. [P- 088141
of betanin in **disks** of Beta **vulgaris** leaves. 088133

DISMUTASE

Subcellular location of **superoxide dismutase** 088025

DISPLACEMENT

Displacement of **abomasum** in dairy cows. 085720
Absorption & **iron displacement** in young p- 087993

DISPOSAL

quality aspects of tannery **effluents disposal** 092300
Design for **disposal** in **food** packaging. 092349
Treatment & **disposal** of **industrial** wastewat- 092101
ground water pollution from **land disposal** of 092329
characteristics of soils. [**Sewage disposal**]. 091572

DISSECTION

An examination of sample **joint dissection** & 083456

DISSEMINATION

Disseminated intravasal coagulation in acute 085653

DISSOCIATION

revealed by **dissociation** & **reassociation** exp- 087076

DISTAL

in insertion of tendon on **distal phalanx** of 084274

DISTEMPER

Spray vaccine **stops distemper**. [Mink]. 085197

DISTILLATION

Composition of **distillates** from **grape** pomac- 083750
of volatile acids by **steam distillation**. [Food 083058

DISTILLERIES

physical properties of **Cuban distillery** masts 083842
study on treatment of wine **distillery wastes** 092303

DISTRIBUTION

under reorganization of its **distribution**. 086133
of genus Heterodera & their **distribution**. 089539
to knowledge on **distribution** of **acid** beech s- 086674
Soils. I. **distribution** of **actinomycetes**. 091777
Uptake & **distribution** of **added** selenite & s- 087780
on basis of life cycle & **age distribution** of c- 087377
Distribution of **agricultural** products & econ- 082444
mutations affecting **anthocyanin distribution** 087029
Techniques on widening **distribution area** & 082328
Note on **distribution area** of Saturnia pyri in 090890
Techniques on widening **distribution areas** & 082330
Photosynthesis & **assimilate distribution** in 087246
Millions of mutual **assistance distributed** in 082319
Distribution of **Avena** fatua L., Avena strigo- 089750
Distribution of **averaged** longitudinal flow r- 092262
of genus Acer: **distribution** & **biosynthesis**. 088291
urban differences in **distribution** of **birth** or- 082007
Distribution of **bivalent** chiasmata in maize 087062
Straw crushing & **distribution** by **brushers** 091477
from view of **distribution** of **buprestid** beetles 091013
Note on **distribution** of **Callitriche** in Solog- 086630
Changing distribution of number of farms by 082072
Slaughterhouses & **distributive circuits** of m- 083443
Distribution of **copper** & iron in heterotroph- 087983
Depth distribution of salts in soils irrigated 091602
Quantifying **diameter distributions** with We- 085915
arcensis Hbst. **distribution** within **different** 090410
soil temperature on **differential distribution** 087175
Effect of **dung distribution** & aftermath on f- 084432
Distribution in **excised** Lycopersicum escule- 088126
Comparison of muscle & **fat distribution** in 084490
Credit for **fertiliser distribution**. 082223
Distribution of **flights** of wild bees in some 090461
sodium carbonate on **distribution** of **flour** c- 083786
Distribution of **food** reserves in "model" ho- 091162
of equipment for **distribution** of **forages** to p- 091414
Distribution of some **forms** of phosphorus in 091710
Distribution of **free** myo-insitol in fluids, sp- 084100
Distribution, frequency of occurence & popu- 089546
Distribution, genesis, structure & properties 091707
constant size. I. **Distribution** of **genotypes** in 086072
Host range & **geographic distribution** of Ery- 089269
Biology, **geographical distribution,** & status 090779
Distribution of **Heterodera** avenae Wollen- 089469
Histochemical distribution of "leucine" ami- 085399
limbatum Neumann. I. **Distribution** & **hosts** 090898
of Hystricis group: **identity, distribution,** ho- 090263
Areas of **distribution** & **infraspecific** categor- 090859
Distribution of **insect** fauna & foodchains in 090562
Distribution of **iron,** chlorophyll, ant heme 087695
Known distribution of Fomes annosus in int- 089209
raising in Japan. 3. [**Distribution, marketing** 082329
A study of **mass distribution** in turbulent tu- 086103
Distribution of **mating** types of Phytophtho- 089183
Accumulation & **distribution** of **mercury** in 091681
processing & **distribution** of **milk**. 083337
Distribution of **mobile** & potential potassium 091613
Special features of **moisture distribution** in t- 088297
Distribution of **nitrogen-fixing** Cyanophyta a- 086457

distribution of **photosynthates** in apple shoo- 087980
Origin & **distribution** of **Phytophthora** cinn- 086381
Automated **pipe distribution** systems. 092156
of total dry-matter & its **distribution** in **plant** 087649
of weather climate on **distribution** of **plants** 087410
Polyacrylonitrile distribution in grafted star- 083667
ammonium on **product distribution** during p- 087847
conditions on **distribution** & **productiveness** 088240
Properties, distribution & origin of white silt 091687
On seed proteins. I. **distribution** of **protein** f- 083655
Protein distribution in oat (Avena sterilis L. 086908
levels, rat growth, & **distribution** of **proteins** 084559
in Gujarat; a note on **regional distribution.** 082125
Problems related to **regional distribution** of 091802
Wales; a study of **distribution** & use of **rural** 091301
Spatial & **seasonal distribution** of Diptera, 090758
On **distribution** of **Simulium** damnosum in L- 090299
Studies on **size distribution** in outdoor fema- 090835
fertilizers on yield & **size distribution** of po- 091915
Temporal & **spatial distribution** of an annual 086612
along plant roots & **spatial distribution** of m- 087467
Seasonal & **spatial distribution** of Tinea fusc- 090246
Distribution of three **species** of reptile tichs, 090467
Distribution of three **species** of reptile ticks, 090898
compression. II. **Distribution** of **strain** by us- 086185
Concentration & **subcellular distribution** of i- 084029
Automated pipe **distribution systems.** 092156
Temperature distributions during heat/hold 083614
Manitoba. VII. **Distribution** of **terrestrial** b- 086637
Investigations on **distribution** of **tin** between 083724
Tissue distribution & metabolism of aflatoxin 084257
of Pisum sativum: **Tissue distribution** & pro- 088160
Distribution of **total** alkaloids & major com- 082634
a study of sources & **distribution** of **trading** 082476
Transport, distribution, & degradation of ch- 090366
On **distributions** of **vernacular** names of ban- 086335
in dairy cattle : **Distribution** in **Victoria.** 085647
Soil **water distribution** on a contour-trenched 091768
Automation of **water distribution** in existing 092148
design for fair irrigation **water distribution** 092147
procedure on molecular **weight distribution** 083043
Techniques on **widening distribution** area & 082328
Techniques on **widening distribution** areas & 082330
Techniques on **widening distribution** area & 083243
Techniques on **widening distribution** areas & 091320
Yield distribution & possibility of utilization 084723

DISTRIBUTORS
device for mineral **fertilizer distributors.** 091334

DISTURBANCE
of nutrition to nervous **system disturbances** 085762

DISULFIDES
Results of **carbon disulfide** extraction meth- 083628
of sulfur dioxide, carbon **disulphide, carbon** 091123
Disulfide--toxicity relationship of botulinal 082878

DITCHES
an alternative for aeration in **oxidation ditch** 092403

DITERPENES
A, an exceptional **diterpene alcohol** from br- 087214

DITERPENOIDS
Diterpenoids from **Caryopteris** divaricata. 087540
Diterpenoid constituents of Callicarpa macr- 087607

DIURETICS
Diuretic therapy in veterinary medicine. 085714

DIURNAL
of daily light periods on **diurnal feeding** acti- 084279
Effects of time feed given on **diurnal feeding** 084607
matric potential of soil on **diurnal variation** 088072

DIURON
Determination of **diuron** in **wheat.** 089610

DIVALENT
SEE VALENCE

DIVERSIFICATION
Some aspects of **diversification** of **production** 082103

DIVERTICULUM
Diverticulum of **esophagus** in a cow. 085725

DMSO
Dimethyl sulfoxide (**DMSO**) & equine pract- 085132

DOCKS
Response of a pasture to removal of **docks** 089753
Dock plants in alfalfa & clovers. [Rumex, w- 089690
Noxious weeds in grassland: **Docks, thistles** 089590

DOCTORS
works of Ludovic Benedict **Houttae, doctor** 086280
DVM. [**Doctor** of **veterinary** medicine]. 084998

DOCUMENTATION
in **environmental documentation.** 092361

DOCUMENTS
cooperatives: sample **legal documents.** 082187

DODINE
Phytotoxicity of **dodine** & **azinphosmethyl** to 089213

DOGS
Arteries of pancreas of **dog**; an injectioncor- 084043
variations of acetabulum in **dog.** 084051
of various leads on adult mongrel. [**Dogs**]. 084082
ranges of ECG [electrocardiogram] on **dog.** 084083
Assessment of adrenal function in **dogs.** 084111
of humerus, os femoris & tibia of **dog.** 084281
of sterility & obstetrical problems in **bitch.** 084750
Breeding & kennel management. [**Dogs**]. 084751
Artificial insemination. [**Dogs**]. 084752
Pregnancy management program. [**Dogs**]. 084753
Experimental renal transplantation in **dogs** 084985
Clinical endocrinology. [**Dogs**]. 084993
for collection of cerebrospinal fluid. [**Dogs**] 085002
evaluation of bone healing. [**Dogs**]. 085008
of spinal fractures & luxations in **dog.** 085010
Surgery of stifle & elbow joints. [**Dogs**]. 085011
with severe paresis or paraplegia. [**Dogs**]. 085012
I. Techniques of paracentesis. [**Dogs**]. 085020
for cardiac bio-instrumentation. [**Dogs**]. 085021
of abnormal body fluid accumulation. [**Dogs**] 085022
Surgery of mammary tumors. [**Bitches**]. 085030
Spinal disc surgery in **dog.** 085031
for collapsed tracheal rings. [**Dogs**]. 085034
for permanent tracheostomy in **dog.** 085035
resection) & ablation of ear canal. [**Dogs**]. 085038
of skin & adnexa: hygroma of elbow. [**Dogs**] 085042
a review of its clinical significance. [**Dogs**] 085045
intervertebral disk fenestration in **dog.** 085049
Cardiopulmonary bypass techniques in **dogs:** 085051
for bile duct rupture & obstruction in **dog.** 085057
as replacement for crucial ligament in **dogs** 085061
materials in intestinal anastomosis in **dogs.** 085081
removal of an aortic foreign body. [**Dogs**]. 085084
Cynology for veterinarians. [**Dogs**]. 085142
advances in abdominal surgery in **dog.** 085145
fentanyl-droperidol as an anesthetic in **dogs** 085167
Clinical dermatology in 3-d slides. [**Dogs**]. 085198
vaccine: Intracerebral passage in **dogs.** 085317
Sarcocystis fusiformis sporocysts from **dogs.** 085343
Polyradiculoneuritis: a case study. [**Dogs**]. 085381
Serratia marcescens septicaemia in **dog.** 085409
coagulopathy during acute hepatitis of **dog.** 085416
Allergic flea dermatitis. [**Dogs**]. 085505
Optimum time of vaccination in **dog.** 085532
Lipoidic nephrosis in **dog.** 085602
Congenital heart disease in **dog.** 085605
of chronic diarrheal disorders. [**Dogs**]. 085608
in treatment of hepatic failure. [**Dogs**]. 085609
Cancer of head & neck. [**Dogs**]. 085611
Urolithiasis in **dog.** 085612
Neurophthalmology. [**Dogs**]. 085620
Orthopedics. Iv. 1. [**Dogs**]. 085622
*** 085624
Perianal gland tumors of **dog.** 085627
Oral & pharyngeal neoplasia. [**Dogs**]. 085628
treatment of common heart diseases. [**Dogs**] 085630
mellitus: an experimental study in **dog.** 085633
Metastatic liposarcoma in a **dog.** 085634
evaluation of bone healing in **dog.** 085637
Cervical vertebral instability in **dog.** 085638
disk prolase in a Doberman Pinscher. [**Dogs**] 085639
comedocarcinoma arising in a **bitch.** 085641
Chronic nephritis in **dog.** 085660
of endocardiosis & endocarditis of **dogs.** I. I- 085669
on generalized cutaneous asthenia of **dog.** 085695
masseter muscles in a Saint Bernard. [**Dogs** 085728
Malignant lymphoma in a **dog.** 085729
Renal dysplasia in **dog.** 085734
spleen & anthracose fibrosis in lungs of **dog** 085742
Recurrent sebaceous cysts in a **dog.** 085748
Keratoconjunctivitis sicca in a **dog.** 085751
Persistent truncus arteriosus in a **dog.** 085757
case reports of ectopic uteters in **bitches.** [085759
associated with pelvic trauma. [**Dogs**]. 085768
anatomy of lead poisoning in **dogs.** 085803
Allergic flea dermatitis. [**Dogs**]. 090282
blood enzyme levels in Greyhound. [**Dogs**]. 084070
technique for pelvic radiography. [**Dogs**]. 085621
with adrenocortical adenoma in a **dog.** 085651
occlusion of segmental spinal arteries. [**Dogs** 085773
of urinary system in **dog** by **administration** 084158
Vaccination of **dog against** rabies. 085417
Extirpation of anal sacs in **ambulatory dogs** 085072
of calves, piglets & **dogs** after **application** of 084348
used for prevention of **dogs** from **barking** by 085053
clinical response of **beagle dog.** 085046
positive bodies in **brachycephalic dogs.** 085753
white matter & neocortex in **dog brain.** 084026
Biology of **brown dog** tick Rhipicephalus s. 090280
of solid tumors & leukemias of **dog** & **cat.** 085625
Narcolepsy in a **dog** & a **cat.** 085636
of respiratory diseases in **dog** & **cat.** 085735
rare type of pelvic fracture in a **dog** & a **cat** 085805
trends in small animal nutrition. [**Dogs, cats**] 084714
General principles of biopsy. [**Dogs, cats**]. 085014
of specific organs & tissues. [**Dogs, cats**]. 085016
Radiology of thorax. [**Dogs, cats**]. 085026
Diaphragmatic hernias. [Surgery, **dogs, cats**] 085029
Disc disease. [Surgery, **dogs, cats**]. 085032
sterilization operation. [**dogs, cats**]. 085087
Foreign travel with **dogs** & **cats.** [Veterinary 085124
of ectoand endoparasites of **dogs** & **cats.** 085415
against rabies. I. Vaccination of **dogs** & **cats** 085500
Diseases of retina & choroid. [**Dogs, cats**]. 085618
Ocular therapeutics. [**Dogs, cats**]. 085619
Salivary cysts (mucoceles). [**Dogs, cats**]. 085629
Neoplasms of skin. [**Dogs, cats**]. 085631
acidifiers. [Toxic reactions, **dogs, cats**]. 085769
from natural body orifices. [**Dogs, cats**]. 085017
A study on diabetes insipidus in **dogs caused** 085652
Epilepsy type attack of a **dog caused** by hy- 085722
derived dermatosis in a **Dalmatian dog.** 085750
Devocalizing dogs & cats. 085041
of Aujeszky's disease in **dog** in **eastern** Croa- 085537
episode of a poodle. [**Epilepsy, dogs**]. 085686
mammary tumors of cats & **dogs examined** 085643
of Eunarcon in rearing **foxes, dogs** & cats. [085114
III. Changes of ECG on **dog** as **growing** old- 084083
Neorickettsia **helminthoeca, dogs**]. 085205
fixation. [Neorickettsia **helminthoeca, dogs**] 085206
sennetsu. [Neorickettsia **helminthoeca, Dogs**] 085207
on radiation hazards in **dogs** & **horses** treat- 085777
Revitalizing old **dogs** with a **hydrolysate** fr- 085125
of a new anti-androgen on **hyperplastic dog** 085726
Dog kidney phospholipids & question of ren- 084116
of alimentary centre in **dog's lateral** hypoth- 084325
Influence of **male dog** on litter size. 084892
of ECG [electrocardiogram] on **normal dog.** 084082
Prevalence of "clutch" sampling. [**dogs, pigs** 085139
Anomaly in a **Poodle puppy.** 085745
Sarcocystis in **dogs** & its **probable** transmiss- 085407
anti-androgen on hyperplastic **dog prostate.** 085726
of urinary acidifiers. [Toxic **reactions, dogs,** 085769
A survey of tapeworms in **rural dogs** in Tas- 085250
Experimental basophilia in **dogs, sheep** & r- 084357
myelopathy in aging German **Shepherd dog:** 085635
utilization in running & **shivering dogs.** 084161
Puppy socialization & behavorial developm- 084326
Diaphragmatic hernias. [**Surgery, dogs,** cats] 085029
Disc disease. [**Surgery, dogs,** cats]. 085032
Neoplasms of nasal cavity. [**Surgery, dogs**]. 085039
Mammary neoplasia. [**Surgery, bitches**]. 085043
in brachycephalic breeds. [**Surgery, dogs**]. 085040
Biology of brown **dog tick** Rhipicephalus s. 090280
of specific gravities in **dog urine** by refract- 084351
Marking of **dogs vaccinated** against rabies as 085541

DOLICHOPODIDAE
Dolichopodidae species (Diptera) from Mon- 090872

DOMESTIC
of trypanosomiasis in East **African domestic** 085530
of reproductive cycles of **domestic animals.** 084838
Treatment of coccidiosis of **domestic animals** 085428
On vaccination of **domestic animals** against 085500
Vaccination of **domestic animals** against rab- 085501
Disease trends in **domestic animals** & poult- 085778
external parasites of **domestic animals** in li- 090267
World & **domestic fertilizer** situation. 091895
Domestic & **foreign** sugar markets. [Brazil] 082338
during growth of **domestic** & **foreign** potato 087931
tubule in testis of **domestic fowl** (Gallus do- 084210
cell & its defferentiation in **domestic fowl** (084211
Avian caeca; a review. [**Domestic fowl**]. 084363
female reproductive tract of **domestic fowls.** 085364
pathological conditions of **domestic fowls.** 085683
Plastic material in **domestic horticultural** p- 088936
feeding--possible ways to **improve domestic** 084511
Nishigori 1924) in **Indian domestic** poultry 085354
Palpating domestic rabbits to determine pre- 084760
Nishigori 1924) in Indian **domestic poultry** 085354
on reproduction in **domestic rabbit.** 084866
Palpating **domestic rabbits** to determine pre- 084760
industry on background of **domestic raw** ma- 086231
in East African **domestic ruminants.** [Kenya 085530
possible ways to improve **domestic supply.** 084511
polletizing of lumber in **domestic trade.** 086218

DOMESTICATION
of dominance hierarchy in **domesticated pig** 084046
behaviour & leadership in **domesticated pig** 084112

DOMINANCE
in ade3-41 & ADE15, a **dominant adenine** a- 087102
plant hormone studies on **apical dominance.** 087550
nature of **dominance hierarchy** in domestica- 084046
Studies on **lichen-dominated** systems. III. 086646
Studies on **lichen-dominated** systems. IV. ob- 086647
Dominant species of paddy weeds & their c- 089679

DONORS
comparative study of **donor circulation** & bu- 085051

DOPA
cells & of hormonally **controlled DOPA** syn- 090638

DORMANCY
tubers after interruption of their **dormancy.** 088035
seedlings after thirty-two years of **dormancy** 089493
Abscisic acid & **dormancy** of **chives** (Allium 088019
regulation of **dormancy** in **Chrysopa** carnea 090708
Studies on **insect dormancy.** I. Physiology of 090502
growth after planting of **dormant lodgepole** 088255
proteins & enzymes from **dormant peanuts,** 087712
sachalinensis Masters in **dormant period.** II 088274
duration of **dormancy** in **Polygonum** pensylv- 087243
Breaking **seed dormancy** in Genista tinctoria 087242
Different characteristics in **seed dormancy** 087810

DORSOLATERAL
A **dorsolateral muscle**-separating approach f- 085049

DOSAGE
related crude protein & amino **acid doses** in 084637
precipitations, nitrogen **dose, application** ti- 087863
Chromosomal basis of **dosage compensation** 090508
Direct dosage of iron in wine, tomato juice 083757
formation in cattle after **estrogen dosage** in 085732
of stem border to different **fertiliser dosages** 089893
activity levels in relation to **gene dosage** in 090474
dog by administration of an **increased dose** 084158
male rat when added in **increasing doses** into 084430
in relation to **dose** of gamma **irradiation.** 087653
Influence of **large doses** of oxytocin on milk 084239
Influence of different **methionine doses** supp- 084452
Influence of different **methionine doses** supp- 084453
Dosage-mortality studies with commercial 090134
of pultry receiving or not **nutritive doses** of 085490
in tissues of cattle & sheep given **oral doses** 090344
Interaction of **photoperiodic dosage** & plant 087698
Effect of **dose rate** upon reproductive perfo- 084908
Lepidoptera, Tortricidae). 2. **Dose response** 090059
adults after exposure to **sublethal dosages** of 090567
milk yield as affected by **dose & time** of inj- 084226

DOSIMETRY
irradiation of swine; **dosimetry & clinical** re- 084156

DOUGH
with differences in **dough characters** & baki- 083612
Wheat bread & **dough** in **United** States. [Co- 082272
Internal pressure in **yeasted dough** iI. 083556

DRAFTING
lime kilns--compressed air or **induced draft** 083688
A reference to **draft law** on health appropri- 082753
A method of **drafting timber** transport plan 086110

DRAGONFLIES
of wing muscles in **dragonfly Aeschna** grand- 090666

DRAINAGE
mowed meadows under influence of **draining** 090409
synthetic materials in irrigation & **drainage** 091361
pipes as a new material for under **drainage.** 091362
demonstration of irrigation & **drainage.** 092079
operations in field of irrigation & **drainage.** 092134
of irrigation & **drainage** in **Bada'a** Delta, Ir- 092117
phosphorus in Lake George **drainage basin:** 092422
Drainage of **Beemster** polder. 092028
materials in irrigation & **drainage** by **Bureau** 092141
On closing of **drainage canal** terminus (river 091255
Drainage of **clayey** soils of estuary of Chare- 092126
Impact of irrigation & **drainage** on **control** 090242
with protection & **drainage** of **Danube** plain, 092119
Field irrigation & **drainage** in **deltaic,** coastal 092116
Field irrigation & **drainage** in **deltaic,** coastal 092118
Turkey for irrigation & **drainage** in **deltaic,** 092129
Surgery of **head** & neck: **ear drainage** (later- 085038
of synthetic materials to **field drainage** tech- 091367
Field drainage problems in Krishna-Godavari 092125
of synthetic materials to **field drainage** tech- 092139
phosphorus in Lake **George drainage** basin: 092422
of sunflowers in **drained** & **irrigated** zone in 088520
of improvement into **drainage** in **Japanese** p- 092188
Drainage layouts. 091230
Field irrigation & **drainage** in **Mouria** & Ag- 092131
Study of groundwater flow to **drainage pipes** 092136
Planning drainage systems in coastal North 091258
wide irrigation & **drainage planning** & devel- 092123
Do you have a **drainage problem?** 092112
Field **drainage problems** in Krishna-Godavari 092125
Ebro Delta **Drainage Project.** 092127
Drainage properties of reclaimed forests on 092214
Drainage requirements for bananas in young 088916
Tidal zone **riceland drainage** in Guinea, West 092133
of irrigation & **drainage schemes** in developi- 092189
Agronomic research on **drainage** on **Sele** pla- 092207
chambers for **drains** on **Seyhan** Irrigation P- 092122
Cutoff trench walls. [**Drainage structures**]. 091300
corrugated plastic **subsurface drains.** [Califo- 091260
theory of irrigation & **drainage** of **swelling** s- 092187
maintenance of irrigation & **drainage systems.** 082582
Planning **drainage systems** in coastal North 091258
of irrigation & **drainage systems.** 092142
control in irrigation & **drainage systems.** 092145
of irrigation & **drainage systems.** 092161
materials to field **drainage techniques** & pra- 091367
Field irrigation & **drainage techniques** devel- 092124
in irrigation & **drainage techniques** & practi- 092135
materials to field **drainage techniques** & pra- 092139
mechanization in execution of **tile drainage** 092150
Drained weight determination of frozen gla- 083023

DRECHSLERA
Determination of **Drechslera graminea** & D- 089267
Races of **Drechslera maydis** in Queensland. 088998

DREPANIDAE
in family-group name **Drepanidae, currently** 090916

DRESSES
Dress rehearsal of 44th International Show 091413

DRESSING
Effects of **basal dressing** level on dry matter 087805
soil management & **nitrogen dressing** of fruit 092003
Water problems in **seed dressing.** 089532
with various insecticide **seed dressings.** 089976
Response by sugar beet to **soil dressings** & 087781

DRIFTING
Antigenic drift of equine infectious anemia v- 085240
Reducing pesticide **chemical drift.** 090337
Redesigned flour grader avoids **heat drift.** 082852
beetles collected from sea-**shore drifts.** 090543

DRILLING
Buying time with **direct drilling** [Brassica, g- 088342
developments in seed-cum-**fertilizer drills** in 085931

DRINKING
odor of water to be used for **drinking.** I. Or- 092228
Drinking & bathing in pigeon houses. 091233
Asbestos fibers in **beverages, drinking** water, 082697
Israel concentrate used in **grapefruit drink** in 082341
Developmental trends in sweet **milk drinks** 083342
Analysis for lithium in **Texas drinking** wate- 092432
Excessive **water drinking,** its causes & cons- 082931
trace elements in food & **drinking water** with 083180
Shortage of **drinking water** for calves. 084705

DRIVERS
machines. 1. tractor **driver endangered** in co- 091462
study on vibrations at **driver's seat** of wheel 091392

DRIVING
A **battery driven** light source. [Insect traps] 090555
Pneumostatic drives & gears--measures of ra- 083170
adenosine triphosphates] **driven reverse** elec- 088039
Drive rotary tools. [Tillage equipment]. 091344
Optimal **transporting drives.** [Food industry 083168

DRONES
SEE BEES

DROSOPHILA
Properties of tRNAphe from **Drosophila.** 090476
Chromatography of **Drosophila** [melanogast- 090501
basis of dosage compensation in **Drosophila.** 090508
Esterases of **Drosophila** [pseudoobscura]. I. 090537
resistance & sensitivity in **Drosophila.** 090558
A new vital stain in **Drosophila.** 090561
Imaginal discs of **Drosophila.** 090586
Polar granules of **Drosophila.** II. Ultrastruc- 090603
*** 090605
interchange at meiosis in **Drosophila.** II. S- 090624
associated non-homolgues in **Drosophila.** 090627
irradiated imaginal disk cells of **Drosophila.** 090839
Formation of rings from **Drosophila DNA** f- 090718
from cross of **Drosophila** & **Drosophila** texa- 090823
Development of **female Drosophila** reproduc- 090596
loci in related species of **Drosophila, group** 090619
in salivary glands of **Drosophila hydei** & Dr- 090505
differentiation in testes of **Drosophila hydei** 090509
salivary glands of **Drosophila hydei** maintai- 090510
in populations of **Drosophila melanagaster** 090674
spermatozoids of **Drosophila melanogaster.** 090413
processing in **Drosophila melanogaster.** I. S- 090449
processing in **Drosophila melanogaster.** II. 090450
synthetic lines of **Drosophila melanogaster.** 090465
social behavior of **Drosophila melanogaster** 090469
triploids of **Drosophila melanogaster.** 090474
hydei & **Drosophila melanogaster.** 090505
Y chromosome in **Drosophila melanogaster.** 090506
production **Drosophila melanogaster.** 090528
mutations in **Drosophila melanogaster.** XI. 090529
mutations in **Drosophila melanogaster.** XIII 090530
imaginal discs of **Drosophila melanogaster** a- 090531
abdomen of **Drosophila melanogaster.** 090532
development of **Drosophila melanogaster.** 090536
canalisation in **Drosophila melanogaster.** 090574
of oogenesis in **Drosophila melanogaster.** II. 090589
of oogenesis in **Drosophila melanogaster.** III 090590
an egg chamber in **Drosophila melanogaster** 090597
wing mutant of **Drosophila melanogaster.** II 090598
of pole cells in **Drosophila melanogaster.** 090602
oogonial cells of **Drosophila melanogaster.** 090623
on meiosis in **Drosophila melanogaster.** I. I- 090628
laboratory-reared **Drosophila melanogaster** 090658
homeostasis in **Drosophila melanogaster.** 090672
larval fat body of **Drosophila melanogaster.** 090711
flight muscles of **Drosophila melanogaster.** 090719
chromosomes in **Drosophila melanogaster** m- 090740
genetic damage in **Drosophila melanogaster.** 090741
genetic damage in **Drosophila melanogaster** 090742
magnification in **Drosophila melanogaster.** 090743
of **Drosophila melanogaster** embryonic cells 090768
Drosophila melanogaster]. 090783
mutation in **Drosophila melanogaster.** 090822
pair in females of **Drosophila melanogaster** 090825
larval ovaries in **Drosophila melanogaster.** 090841
of imaginal discs of **Drosophila** as a **method** 090620
Meiotic behavior of **Drosophila oocyte.** 090622
in two karyotypes of **Drosophila persimilis.** 090451
pseudoobscura & **Drosophila persimilis.** 090470
system of **Drosophila pseudoobscura.** 090744
sterilization of laboratory-**reared Drosophila** 090658
of female **Drosophila reproductive** system. 090596
on puffing pattern of **Drosophila salivary** gl- 090511
cross of Drosophila & **Drosophila texanan.** 090823

DROUGHTS
underway to relieve west **African drought.** [082571
Comparative drought resistance of Bos Indi- 084779
chloroplasts in plants with **different drought** 088034
pachystylis J. Gay after **drought period.** 087288
Coss.) germination under **simulated drought,** 087261
Treating **drought-stricken** lawns. 089451
Effect of **drought** on **sugar** cane. 087763

DRUGS
Statutory control of **drugs.** 082659
Government food **drug act** regulates food ad- 082617
of FDA [food & **Drug Administration** to live- 082793
of FDA [Food & **Drug Administration**] to li- 082794
of FDA [Food & **Drug Administration**] to li- 082795
of FDA [Food & **Drug Administration**] to li- 082796
of FDA [food & **Drug Administration**] to liv- 082797
of FDA [Food & **Drug Administration**] to li- 082798
of FDA [Food & **Drug Administration**] to li- 083881
of FDA [Food & **Drug Administration**] to li- 083882
Chemistry of ayurvedic **crude drugs.** III. Gu- 088303
plants. X. Analysis of Chinese **herbal drug** 087453
Peyote: an introduction, [**Lophophora, drug** 086471
Effect of **drugs** on **permeability** in sheep skin 085782
agents: Structure & activity. [**Drug plants**]. 087350
Transferable **drug-resistance** among Escheri- 085494
Residues of **veterinary drugs** in milk, meats 082672

DRYING
cows according to coincidence of **drying** up. 084015
Flowers for **drying.** 088701
of a low-damage potato washer & **drier.** 091333
Methods to **accelerate drying** process of me- 083890
Perservation by **artificial drying,** ensiling, & 083676
value of alfalfa flour **dried artificially** & stab- 084725
Dry ashing method for determination of tot- 082685
as a consequence of spouted **bed drying.** 083594
to Babesia bigemina in **dried blood** samples 085223
adsorption of benzene vapor by **dried casein** 083303
dessicator with silica gel & in **dry chamber** 087868
Drying characteristics of groundnut & chilli- 083598
Dried citrus pulp as a grain replacement for 084566
Analysis of **drying conditions** for green plan- 083906
graminis produced under **dry conditions.** 086294
Investigations on **convection drying** of lumb- 086153
High temperature **convective drying** of toba- 083678
of swine meat, dry salami & **dry country** h- 083400
a digital computer & plotter. [**Crop, drying**] 091330
Water sorption by **dried dairy** products stab- 083311
Perservation by artificial **drying, ensiling,** & 083676
Soil conservation & **dry farming** in Telenga- 092045
in quality caused by too hot **feed drying?** 083893
Microwave **finish drying** of potato chips. 083788
Biological value of alfalfa **flour dried** artifici- 084725
of retention of volatile in freeze-**dried food** 083144
studies on microbiology of **dried foods.** 082701
of retention of volatile in **freeze-dried** food 083144
rehydration of certain **freeze-dried** fruits & 083707
Drying of **fruit** purees (fruit leathers). 083727
on insect resistant packages. [**Dried fruit**]. 090178
Research activities at **Dried Fruit** & Tree N- 090180
rehydration of certain freeze-**dried fruits** & 083707
bromide & sodium benzoate. [**Dried fruits,** 089042
predrying bagasse in steam **generator-dryer** 083665
factors on process of **drying grain.** [Harvest- 087874
technology instructions for **drying grass** see- 083662
Effect of level of feeding of **dried grass** on m- 084423
on energetic utilisation of **dry green**-feedstuf- 084059
Studies on **drying** of **ground** in Hachirogata 092046
moisture uptake, seedling **growth, dry** weight 087685
Dried Hermetia illucens larvae (Diptera: St- 084517
High rise--deep pit in-**house drying** of poult- 091949
Construction of an oven for **drying insects.** 090444
Influence of **drying intensity** on energetic ut- 084059
Research on problems of **kiln drying** of wood 086182
weeds & rice for nitrogen under **dry land** co- 088372
Evaluation of **machine-dried** vis-a-vis conven- 084546
of urea supplementation of **maize/dried** sug- 084387
of limits for muscle **dry matter** concerning e- 082676

of ryegrass straw: in vitro **dry matter** digest- 083879
Voluntary intake of **dry matter** by African 084567
of stand on production of total **dry-matter** & 087649
Rate of **dry matter** production in different p- 087667
of phosphorus & potassium on **dry-matter** p- 087759
Effects of basal dressing level on **dry matter** 087805
of spacing on grain yield & **dry-matter** cont- 088546
of stand on production of total **dry-matter** & 091788
Effects of basal dressing level on **dry matter** 091941
lactic acid content of swine **meat, dry** salami 083400
Influence of **drying methods** after harvest on 083618
Recent developments in **milk drying** techniq- 083286
Determination of limits for **muscle dry** matt- 082676
Survival of field-grown Rhizobia **over dry** s- 087885
of fully active papain from **dried papaya** lat- 083712
Study of **pastes drying** at "Dunareana" fact- 083102
secretion during first half of **dry period.** 084374
barley & steamed potatoes by **dried potatoes** 084685
Dried potatoes & dried sugar beet pulp as e- 084691
Filipino plywood operation **pre-dries** veneer 086275
Intensification of **drying process** of sugar be- 083878
Methods to accelerate **drying process** of me- 083890
On influence of **drying process** on moisture 091674
Corn; **dry processing.** 1. 083634
Optical sorting of **dried prunes.** 083728
Resistance of cultures & **dried resting** spores 087343
acid content of swine meat, **dry salami** & dry 083400
in bacteriological media & in **dry sausage** by 082732
on growth of weaner cattle on **dry season** i- 084439
of chemicals in organic solvents to **dry seeds** 088171
of heat-pressure-treatments of **semi-dry** wood 086156
urea supplementation of maize/**dried sugar** 084387
Dried sugar beet slices for fattengin pigs. 084686
Dried potatoes & **dried sugar** beet pulp as e- 084691
of field-grown Rhizobia over **dry summer** pe- 087885
Method for **sun-drying** of vegetables in Gha- 083740
Perennials for **dry** & **sunny** places. 088671
bagasse in steam generator-**dryer** sys tems. 083665
Tasks & significance of **technical drying** & p- 083876
developments in milk **drying techniques.** 083286
density of stand on production of **total dry-** 087649
Wetting & **drying treatments** to improve per- 087674
Filipino plywood operation pre-**dries veneer** 086275
Evaluation of machine-**dried** vis-a-vis conven- 084546
treatment of ryegrass straw: in **vitro dry** ma- 083879
moisture uptake, seedling growth, **dry weight** 087685
Changes in **dry-weight** & water content in h- 090547
Changes in **dry weight,** protein, & nucleic ac- 090675
Effect of feeding water-soaked & **dry wheat** 084203
Studies on rate of **drying wheat** crop in field 087775
with summer rainfall & **winter dryness** of w- 088530
heat-pressure-treatments of semi-**dry wood** 086156

DRYLANDS
A note on response of **dryland crops** for app- 087665
Fertiliser use in **drylands** of **Western** Rajas- 091862

DRYOPTERIS
from **dryopteris crassirhizoma.** 087498
acid-PB from **Dryopteris sieboldii.** 087496

DUCKS
by **eggs** of mallards & guinea fowl. [**Ducks**] 084109
characteristics of various types of **ducks.** 084378
on growth & body composition of **ducklings** 084605
to Aspergillus & lead poisoning in **ducks.** 085600
Rearing of **Barbary ducks** for meat. 084782
Use of **ducks** as **biological** control agents of 085342
Caging ducks for efficient egg production. 083933
dehydrogenase] activity in **ducks** & **chicken** 084126
potatoes & rapeseed meal in **duck feeding.** 084653
Active sites of turtle & **duck** low **molecular** 084164
changes in vegetation on **nesting ducks.** 089622

DUCTS
Surgery for **bile duct** rupture & obstruction 085057
histology & fine structure of **epididymal duct** 084212
Segmental aplasia of **Mullerian ducts** in Sh- 085711

DUMPING
Afforestation & turfing of **mining dumps.** 086059
control in an arranged **refuse dump.** 092420
on structural stability of **dump soils.** 091492

DUNES
particles in a oak stand on **coastal dunes.** [088267

DUNG
Effect of **dung distribution** & aftermath on f- 084432
for measuring consumption in **dung-eating** 090756
A study of **dung patch** reduction of pasture. 088496

DUODENUM
pancreatic secretion from a **duodenal cannula.** 084104
digesta flowing through **duodenum** of **dairy** 084656

DURRA
margin of jowar in Dharwar market. [**Durra** 082436

DURUM
SEE WHEAT

DUST
Spray **dusting better** than just spray. [Plant 089504
malvaceous plants regulated by **cycocel dust** 088192
Nature & origin of **dust deposits** on a self-t- 083454
Dust examination as an aid for adding opti- 083895
Furnace dusts of cement works as a source 091968
Efficiency of **insecticidal dusts** in controlling 090182
Formulations of **pesticidal dusts,** wettable p- 090335

DWARFISM
Sexual cycle in **dwarf African** & Toggenburg 084900
some properties of raspberry **bushy dwarf** vi- 089380
Response of triple **gene dwarf** wheat to nitr- 091878
in barley. V. Effects of several **dwarf genes** 087112
Jutland dwarf shrub heaths. Experimental i- 086650
Comparative transmission of **maize dwarf** m- 089394
Control of **dwarf mistletoe** in a heavily used 089730
transmission of maize **dwarf mosaic** virus by 089394
elongated stem, & short-**petiole dwarf.** 086895
Response of **dwarf pig** to a heat load at diff- 084085
gibberellin A3 in seedlings of **dwarf Pisum** s- 088144
Dwarf rhododendrons for rock garden. 088583
Some properties of maize **rough dwarf** virus 089330
in barley. V. Effects of **several dwarf** genes 087112
Jutland **dwarf shrub** heaths. Experimental i- 086650
Note on performance of late-**sown dwarf** wh- 088380
studies on rice black-**streaked dwarf** virus in 089351
Some properties of maize rough **dwarf virus** 089330
purification of potato yellow **dwarf virus.** 089376
properties of raspberry bushy **dwarf virus** in 089380
on performance of late-sown **dwarf wheat** (T- 088380
Response of triple gene **dwarf wheat** to nitr- 091878
Yielding abilities of **dwarf wheats** (Triticum 087758
Response of **dwarf wheats** to nitrogen fertili- 091911
for purification of potato **yellow dwarf** virus 089376

DYES
of milk protein by means of **dye binding.** 083363
Protein identification by **dye method** & its 083650
of rhodamine B **dye** & **methoxychlor** in runn- 090322
solubility & adsorption of **sulphonic dyes.** 082956
of traditional **vegetable dyeing.** [Silk, Rhus 083222
Tests of rhodamine **WT dye** for toxicity to 090354

DYSDERCUS
female red cotton bug. [**Dysdercus koenigii,** 089923
Spermathecae of **Dysdercus** in **relation** to m- 090853

DYSENTERY
in feed of swine & prevention of **dysentery.** 085544
prevention & treatment of **swine dysentery.** 085203
microscopic observations on **swine dysentery** 085213

DYSPLASIA
Renal dysplasia in dog. 085734
Palpation for detection of **dysplasia** & **wedge** 085621

DYSTOCIA
A case of foetal **dystocia due** to twins. 084829

DYTISCIDAE
Hygrotus sayi (Coleoptera: **Dytiscidae**). 090478

EARIAS
of cotton plant by spiny **bollworm, Earias** i- 089953
of maize ears by spiny **bollworm, Earias** ins- 089957
Egypt. [Pectinophora **gossypiella, Earias** in- 089868
worms. [Pectinophora **gossypiella, Earias** in- 089869
Pectinophora **gossypiella, Earias** insulana]. 089889

EARNINGS
SEE WAGES

EARS
lateral resection) & ablation of **ear canal.** [085038
A formula for **giant ears** in maize. 087013
Infestation of **maize ears** by spiny bollworm 089957
Ear-rotting potential of Helminthosporium 089200
Ear vein technique for estimation of haemat- 084110

EARTH
stable isotopes of alkaline & **alkali earth** el- 087568
Humanizing earth. [Nature conservation]. 092297
Application of EROS [**Earth Resources** Ob- 082064
Agriculture on **spaceship earth.** 081933
Bud eating pests in viticulture. [**Earth wor-s,** 089565

EARTHQUAKE
after diasters. [**Flood, earthquakes,** tornadoes 082624

EARTHWORMS
methyl to **earthworm, Lumbricus** terrestris 090376

EARWORMS
major genes for resistance to **corn earworm** 086986
Response of instars of **corn earworm** Heliot- 090015
feeding motions & rhythms of **corn earworm** 090644
capture of tobacco budworm & **corn earworm** 089916

EATING
consumption in dung-**eating Aphodius** larvae 090756
Bud eating pests in viticulture. [Earth wor- 089565
Food eaten by red-backed vole, Clethriono- 085833
system, citrus yield ready-to-**eat products.** 082939
Eating quality of beef from steers fed moist- 082725
Eating quality of highly marbled beef. 082726
Eating quality of mutton compared with la- 083460
Eating quality of beef from steers fed moist- 084494
Americans are **eating** more **sugar.** 082904

ECDYSIS
Physiology of **insect ecdysis.** III. Relationsh- 090671

ECDYSONE
in vitro: stimulation by **ecdysone analogues.** 090692
synthesis hormones (**ecdysterone** & **juvenile** 090414

ECHINOCOCCUS
yourself from hydatid disease. [**Echinococcus**] 090240

ECHINODERM
pustulans Cockerell in **Alexandria district.** 090092
lataniae (Sig.) in **Alexandria district.** Hemip- 090093
pustulans Cockerell in **Alexandria district.** 090810
lataniae (Sig.) in **Alexandria district.** Hemip- 090812
Autographa chalcites L. in **Alexandria region.** 089839
Autographa gamma L. in **Alexandria region.** 089840
Autographa chalcites L. in **Alexandria region.** 090809
Autographa gamma L. in **Alexandria region.** 090811

ECLOSION
esterases & their possible role in **eclosion.** 090537
hormonal control of **eclosion** & of **tanning** in 090671

ECOLOGY
Planting indicators in **ecology.** 086668
from point of view of geography & **ecology.** 086672
identity, distribution, hosts, & **ecology.** 090263
Formicidae) & hints to their **ecology.** 091052
Ecological adjustment of termites in a mou- 090763
From economy to **ecology** in **agrarian** policy 092316
Ecology & **agriculture.** 1. It is solar energy 081984
rufa in Italy in forest **ecology arrangement.** 091051
Ecology of **aspen** groves & their invasion in- 086662
phosphate, & some **associated ecological** imp- 087589
Ecology & behavior of desert burrowing coc- 090755
a moist shrub savanna. **Ecological behaviour** 090758
Ecology & biology of Chrotogonus lugubris 090786
Ecology & biology of Chrotogonus lugubris 090801
process of crop formation. [**Cedrus, ecology**] 086622
Water, soil & **ecological characteristics** of c- 086656
Effects of **ecological conditions** & host's phy- 089796
under different **ecological conditions** on feed- 091977
Ecological control of Lymnaea truncatula & 085512
Ecology & control of blackberry (Rubus frut- 089752
parasites of blow flies. I. **Ecological control** 089797
of blow flies. II. **Ecological control** of winter 089798
Ecology & control of Pentatomidae, insect 089848
Ecology & control of apple leaf miner, Lith- 090084
Studies on **ecology & control** of pine bark b- 090157
parasites of blow flies. I. **Ecological control** 090617
of blow flies. II. **Ecological control** of winter 090618
fertilization under **different ecological** condit- 091977
sensing in study of **ecology & diseases** of ve- 089561
of Sardinia: **Enumeration, ecological** & biog- 086554
Geographical & **ecological expansion** in trop- 091024
Studies on some **ecological factors** affecting 090099
in initial growth period. [**Forest ecology**]. 086623
Formica rufa in Italy in **forest ecology** arra- 091051
objective colorimetry in **ecological & genetic** 090538
Ecology of **heart** rot diseases in Toko apple 089124
Ecological impact of tropical forests on envi- 086664
some associated **ecological implications.** 087589
Ecological implications of water levels on p- 089659
Ecology of **knobcone** pine in Santa Ana Mo- 086652
Ecological map for use in fruit culture. 088565
methods in study of **microbial ecology;** proc- 091504
in study of terrestrial **microbial ecology.** [F- 091506
research as elements of **modern ecology.** [A- 082028
Ecological network of soils & plant associat- 086687
Preliminary studies on **ecology** of **palsa** mo- 086644
in Canada: an **ecological perspective.** 086010
Ecological & physiological implications of g- 092090
Maria raised-beach systems. [**Plant ecology**] 086647
delta of Syr-Darya River. **Plant ecology.** 086657
main trends & prospects. [**Plant ecology**]. 086658
areas of Carpathians. [Fagus, **plant ecology**] 086674
Biochemical **plant ecology.** 086692
Prefecture. III. Nagai moor. [**Plant ecology** 086681
stripping by game as an **ecological problem.** 089474
Ecological problems connected with pest po- 089769
On some **agroecological problems** on effect 091718
its plant sociological & **ecological relations.** 086693
Ecological research, controlling mosquitoes 090271
pool maintenance in **ecological reserves.** 086643
Ecological role of Trigones (Trigonini) in sa- 090462
Ecological solutions of hydraulic-forest prob- 085815
Taxonomy & **ecology** of three new **species** of 090930
Ecological stations of Argentura-Mercantour 086685
Biological & **ecological studies** on Bruchidius 089949
Ecological studies of Ctenosciara hawaiiensis 090762
Biological & **ecological studies** on Bruchidius 090788
Ecological studies on gonotrophic cycle of 090827

microbial populations in **ecological studies** w- 091508
of capillary techniques in **ecological studies** 091539
Ecological studies on coccoid bacteria in a p- 091741
Ecological studies on coccoid bacteria in a f- 091742
A systematic & ecological study of algal po- 086387
Contribution to **ecological study** of troglobi- 090820
Use of a selective medium to **study ecology** 091529
its consequent effect on **ecological system.** 092019
Ecologic & taxonomic studies on Pythium as 089165
Ecology in **USSR:** state, main trends & pro- 086658
Varietal ecology & cultural management of 088560
Ecology of **viruses** attacking Bacillus stearo- 091738
Ecology & zoogeography of Libytheidae & 090960

ECONOMETRICS

Econometric analysis of structural changes f- 082092
An **econometric model** of United States fore- 086137

ECONOMICS

Economics of I. R. 8 paddy--a case study. [088448
a-vis fertilisation of paddy & its **economics.** 089479
concerning **economic administration** in vege- 082172
An evaluation of **agricultural economic** resea- 082033
Data problems in **agricultural economic** res- 082034
associated with **agricultural economic** resear- 082035
Models in **agricultural economic** research. 082037
requirements for **agricultural economic** rese- 082038
personal thoughts. [**Agricultural economic**]. 082039
of international **agricultural economics** at W- 082079
of BAE [Bureau of **Agricultural Economics**] 082206
Agro-economic studies on intercropping in p- 082063
An **economic analysis** of red meat, fish, poul- 082461
Economic analysis of changes in Georgia's f- 086140
Economic analysis in water resources plann- 092093
reform in Philippines: **economic aspects.** 082071
Economic aspects of pineapple culture in " 082218
Economic aspects of mushroom harvesting. 082265
reform in Philippines: **economic aspects.** 082633
Economic aspects of pineapple culture in " 088620
Economic aspects of mushroom harvesting. 088817
Council for Mutual **Economic Assistance**]. 088663
of Council for Mutual **Economic Assistance** 091838
Correct feed management--**better economics** 084673
Biological-economic problems. [Agricultural 081892
assembly of Organisation for **Economic Co-** 091355
within European **Economic Community** with 081908
clearing in European **Economic Community** 082069
European **Economic Community:** will Canad- 082325
in European **Economic Community.** 082350
of EEC [European **Economic Community**] 082360
Criticism of EC [**Economic Community**] fa- 082376
within European **Economic Community.** 082407
chickens in European **Economic Community** 082524
in E.E.C. [European **Economic Community**] 082533
beef. [European **Economic Community**]. 082551
European **Economic Community**]. 082651
expanded European **Economic Community.** 082667
in European **Economic Community.** 082707
expanded European **Economic Community.** 083233
figures of European **Economic Community** f- 083254
in E.E.C. [European **Economic Community**] 085066
Economic comparison of different systems of 092165
Considerations **concerning economic** adminis- 082172
Washington to **economic conditions.** 085986
Technical & **economic considerations** in shi- 082446
Some **economic considerations** referring to u- 085959
Organization for **Economic Cooperation** & 082412
feeder calves in Four **Corners Economic** De- 082277
EEC's [European **Economic Cummunity**] eff- 082612
basis of a system of socio-**economic data** in 085896
Technological & **economic effectiveness** of f- 083914
Economic effectivity of cotton spinning. II. 083626
Use-value assessment; **economic effects** on s- 082307
Economic efficiency in mechanization of dai- 082264
Economic efficiency of soybeans crops. 082283
Economic estimation on investment limitati- 082201
Agriculture within **European Economic** Co- 081908
of land clearing in **European Economic** Co- 082069
European Economic Community: will Canad- 082325
Federal Republic & in **European Economic** 082350
Operation of EEC [**European Economic** Co- 082360
alcohol within **European Economic** Commun- 082407
of chickens in **European Economic** Commun- 082524
legislation in E.E.C. [**European Economic** C- 082533
pork, not enough beef. [**European Economic** 082551
feeding stuffs-- EEC's [**European Economic** 082612
for agriculture. [**European Economic** Comm- 082651
industry in expanded **European Economic** C- 082667
for consumption in **European Economic** Co- 082707
industry in expanded **European Economic** C- 083233
comparative figures of **European Economic** 083254
legislation in E.E.C. [**European Economic** C- 085066
of technical & **economic evaluation** of sugar 082085
electronic computer for **economic evaluation** 082493
Impact of socio-**economic factors** on adoption 082151
Technical & **economic factors** in export of 086105
Economic facts: supply, competition, use. [S- 082537
Farming economics, 1969/1971 [Income]. 082256
On formation of a special **forest-economic** r- 085978
Results & goals of **fruit economics.** 082310
Great economic loss--due to brucellosis in da- 085331
Agriculture & **economic growth.** 082040
of agricultural products & **economic growth.** 082444
Economics of **horticultural** production & ma- 082070
Its political, social & **economic impacts.** 082613
some of its **economic implications.** [Populat- 082596
Heritability & **economic importance** of nipp- 084810
Improving economic training of apiculturists 091190
on oviposition, **economic level** of damage, & 089974
Great **economic loss**--due to brucellosis in da- 085331
countries. [Council for **Mutual Economic** As- 088663
conference of Council for **Mutual Economic** 091838
New investigations on **oviposition, economic** 089974
Tylenchida) from Iran. [**Economic plants**]. 089453
pests of West Africa. [**Economic plants**]. 089569
from from biological & **economic points** of v- 085944
Economic position of hazelnut in area of eas- 082297
Economic potential of tropical grazing lands 088518
Biological-**economic problems.** [Agricultural 081892
Economic production of quality pineapples. 082298
Economics of **rainfed** potato cultivation. 082220
characteristic & **economic rearing** of sows. 084666
of a special forest-**economic region** on rocky 085978
of agricultural **economic research.** 082033
problems in agricultural **economic research** 082034
with agricultural **economic research.** 082035
Models in agricultural **economic research.** 082037
for agricultural **economic research.** 082038
Economics of **resource** use on sample farms 082137
Impact of **socio-economic** factors on adoption 082151
basis of a system of **socio-economic** data in 085896
Agro-**economic studies** on intercropping in p- 082063
Victorian lamb industry: an **economic survey** 082205
An **economic survey** of Rhode Island nursery 082641
adaptive strategies for **economic survival** of 082006
Economics of **tractor** utilization. 082245
Economics of **tractor** utilization. [Costs, ret- 082246
Economics of **tractor** utilization. 091373
Improving **economic training** of apiculturists 091190
of environmental factors on **economic traits** 084188

ECONOMISTS

Agricultural economist & inter-disciplinary 082036
Dairy Experts & **Dairy Economists.** 083256

ECONOMY

its equalization to other sectors of **economy.** 081909
Marketing flowers in today's **economy.** 082441
in maize & groundnut is more **economical.** 089709
structure of peasant **economy, agricultural** c- 081964
Economical aspects of special cultures in H- 082217
Future development of **beech economy.** [Fag- 086000
Florida's program for **economical citrus** pro- 088679
in technical & **economical consideration.** [F- 085921
held at meeting of **Economy Council** of Uni- 082347
of citurs culture to **economy** of **Cyprus.** 088899
From **economy** to **ecology** in agrarian policy 092316
On **economy** of **eleven** different wood species 085885
criteria for analysing **fodder economy** in soc- 084616
enterprise management in **forest economy.** 085886
Forest & **forest economy** problems of Soviet 085955
intensification of **forest economy.** 085982
For a **greater economy** of plants & for a mo- 082772
provision for **economy** in **improvement.** [Sw- 084518
Increasing economy of working tools [Wood 086159
Village forest a component of **local economy** 085965
agricultural system & free **market economy** 082610
Problems & trends in world **meat economy.** 082586
application of botany in **national economy.** 086306
in international **operational economy.** 084005
Component structure of **peasant economy,** a- 081964
competitive structure of **peasant economy.** 082457
Political economy of resource use: water. 092200
Power economy of sugar industry in campai- 083563
disease of bees, an **economical problem.** 091215
Forest & forest **economy problems** of Soviet 085955
Economical questions of storage & turn-over 083059
Statistical-**economical research** on culture of 082505
a new dimension to **rural economy.** 091443
its impact on **economy** of using **semi-**mobile 088660
An **economical stand** as a testing stand. [Be- 091149
Statistical-economical research on culture of 082505
Transport economy & molasses, introduction 082335
of inorganic nutrients on **water economy** & 088300
Economical watering apparatus for field cult- 091397
supply of wheat in **world economy.** 082458

ECOPHYSIOLOGY

Ecophysiological methods for studies of pla- 087315

ECOSYSTEMS

for studies of denitrification in **ecosystems.** 091520
Preservation of **ecosystems:** A status report. 092310
Grassland **ecosystem evaluation.** 086653
circulation of nutrients in **forest ecosystem.** 086671
populations in various **grassland ecosystems** 090425
of elementary **microbial ecosystems:** [Soils] 091531
mineral nutrient status of **mire ecosystems.** 091691
residues in aquatic **model ecosystems** [Chlor- 090366
phytocoenotic structures, **pastoral ecosystem** 086632
studies in a native Scots **pine ecosystem.** [P- 086681
ulmi (Koch) in **simple ecosystems** (Acarina: 090019
denitrification in **terrestrial ecosystems.** 086638

ECOTYPES

Assam & **Burma ecotypes** of Pinus kesiya fl- 086074

ECTOPARASITES

Get rid of **ectoparasites** of **poultry.** [Insects, 090272

ECTOPIC

in development of **ectopic lymphoid** foci in 085195
Three case reports of **ectopic uteters** in bitc- 085759

EDAM

SEE CHEESES

EDIBLE

SEE FOOD

EDUCATION

Career education--implications for state sup- 081899
teacher educator in **career education.** 081900
Consumer education to boost sales of poultry 082451
Forestry education in Britain. 085846
An offence for dialogue. [**Forestry education** 085847
employment, income & **further education** of 081965
75 Years of **education** of **international** agric- 082079
Study impact of food & **nutrition education** 082982
Reactions to **nutrition education** on televisi- 083005
career orientation & **occupational education** 081901
Education research can only point way, says 083973
Technical education in agriculture: its progr- 081896
problems of **education & upgrading** which h- 085105
Veterinary education. registered animal nurs- 085065
Improvement of **education** of **veterinary** stu- 085106
Education of **Viet-**Namese students & aspir- 085866

EELGRASS

Eelgrass (Zostera marina L.) in Gulf of Cali- 082991

EFFLUENT

Reuse of **effluents:** methods of wastewater t- 092466
Reducing pollution of **dairy effluents.** 092332
quality aspects of tannery **effluents disposal** 092300
column: relevant to trickling **filter effluent** 091640
Modern effluent water treatment & process- 086211
a purification method for **effluents** of **paper** 086208
use of chlorinated oxidation **pond effluents** f- 092270
Guard against silage runoff. [**Silos, effluent** 091244

EGGPLANTS

of organic acids in redpeppers & **eggplants.** 083768
Control Hadda beetle of brinjal. [**Eggplant**] 090074
of Solanum melongena leaves. [**Eggplant**]. 088131
Absorption of lead by **eggplant** from **soil** & 088214

EGGS

What's in an **egg?** [Nutritive value]. 082917
of proteins with lodoacetamide. [**Eggs**]. 083499
by pullorum disease in hens, chickens & **eggs.** 085304
on bacterial penetration of **avian egg** shell. 082823
Are **brown eggs** of present interest? [Laying 084678
Cytoplasmic architecture of **egg cell** of Smit- 090838
resulting in formation of an **egg chamber** in 090597
Irradiation of **chicken egg** white. I. Effect on 082668
on microbial spoilage of **chicken eggs.** 082829
Irradiation of **chicken egg** white. I. Effect on 083496
on microbial spoilage of **chicken eggs.** 083518
Predation on **chiromonid eggs** & larvae by 090541
Eggs & **cholesterol.** 082919
Measurement of **egg content** of noodles by 083500
drugs in milk, meats & **eggs** & their **control.** 082672
to behavior of embryos in **cultured eggs.** I. 091176
in tissues of progeny following **egg dipping.** 084078
Caging ducks for **efficient egg** production. 083933
esters to free ascarosides in **fertilized eggs** of 085401
eggs & in tissues of progeny **following egg** d- 084078
Eggs--our best **food.** 082935
flavianic acid on hatching rate of **free eggs** of 089572
Estimation of egg weight from **egg gradings** 083506
Development of **Haemonchus eggs** under ou- 085371
Effect of lighting on bi-monthly **hatched egg** 084280
Isolation & characterisation of **hen egg** white 083504
formation to Capillaria **hepatica eggs.** I. De- 085329
Hymenoptera Braconidae) **inside egg** of host 090420
egg weight & shape index of **eggs laid** by W- 084196
of lighting on bi-monthly hatched **egg layers** 084280
Hen running in second **egg-laying** period. 084312
a vitamin supplement to feed of **egg-laying** 084538
in relation to mating & **egg laying.** 090853
at emergence & at cessation of **egg laying.** 091074
Water uptake by **eggs** of **mallards** & guinea 084109
condition of shell **eggs marketed** in India. 082410
Quality of shell **eggs marketed** in India. 082411
condition of shell **eggs marketed** in India. 082766
Quality of shell **eggs marketed** in India. 082767
Mosquito eggs. XXIII. Eggs of Toxorhynchi- 090739
on quantiative research of **eggs** of **parasites** 085222
of embryonated Trichuris suis **eggs passed** t- 085406
On **egg populations** of smaller brown planth- 089930
Egg production--threatened by big business. 082567
Caging ducks for efficient **egg production.** 083933
Egg production, egg weight & shape index of 084196
on fertility, hatchability & **egg production** in 084401

methods for part record **egg production** in c- 084826
Egg products: past, present & future. 082525
immunodiffusion analysis of **egg proteins** wi- 083500
relations between **egg proteins** & blood ser- 084253
selection methods for part **record egg** produ- 084826
Egg room sanitation. [Poultry farms]. 083934
Hen running in **second egg**-laying period. 084312
Bacteriological condition of **shell eggs** mark- 082410
Quality of **shell eggs** marketed in India. 082411
Bacteriological condition of **shell eggs** mark- 082766
Quality of **shell eggs** marketed in India. 082767
on bacterial penetration of avian **egg shell.** 082823
Effect of **egg shell** sweating on microbial sp- 082829
on bacterial penetration of avian **egg shell.** 083517
Effect of **egg shell** sweating on microbial sp- 083518
Problem of **egg shell** breakage. [Animal nutr- 084528
Egg shell as a source of calcium for growing 084555
Variations in **egg size.** 083507
of embryonated Trichuris **suis eggs** passed t- 085406
eggs. XXIII. **Eggs** of **Toxorhynchites** amboi- 090739
Gentamicin concentrations in **turkey eggs** & 084078
Estimation of **egg weight** from egg gradings 083506
Egg production, **egg weight** & shape index of 084196
Irradiation of chicken **egg white.** I. Effect on 082668
characterisation of hen **egg white** ovomucin. 083504
amines & neutral compounds in **egg white** s- 083519
Pigments in **egg yolk.** [Animal nutrition]. 083521
of sponge cakes prepared with **egg yolks** of 082916

EICHHORNIA
of water hyacinth **(Eichhornia crassipes)** by 089599
water hyacinth conrol. **[Eichhornia crassipes]** 089712

EIMERIA
Effect of **Eimeria acervulina** on reproductive 084802
a single infection of **Eimeria acervulina.** 085404
Differentiation of **Eimeria species** infecting 085192
against twelve strains of **Eimeria tenella,** & 085279
Eimeria tenella: screening of chemotherapeu- 085330

EJACULATION
performance & **ejaculate composition.** 084772
inhibitors on **ejaculated porcine** spermatozo- 084798

EJECTION
of large doses of oxytocin on **milk ejection** 084239
of different latency duration in **milk ejection** 084289

ELAEIS
vitro cultivation of cells of **Elaeis guineensis** 087463

ELASTASE
of active site of **porcine elastase.** 084090

ELASTICITY
for measurement of **dynamic elastic** properti- 083156
fruits & vegetables using a 3-**media elastic** s- 088077
test of them by employing an **elastic rubber** 091439

ELASTIN
partial characterization of **elastin** in **bovine** 083455

ELATERIDAE
Melanotus communis (Coleoptera: **Elateridae)** 090492
Contribution to study of **Elateridae** of **black** 091037
lineatus (L.) **(Coleoptera, Elateridae)** demo- 090548
of Agriotes larvae **(Coleoptera, Elateridae).** 090766

ELBOWS
Surgery of skin & adnexa: hygroma of **elbow** 085042
Surgery of stifle & **elbow joints.** [Dogs]. 085011

ELDERBERRIES
Minor fruits **(Amelanchier, elderberry,** edible 088841
in traps. [Achatodes zeae, **elderberries pests** 090033

ELECTRICITY
on chill-coma & **electrical activity** of central 090522
Electric conductivity of various early-ripeni- 087653
Vapor lamp & its **electrical fittings.** [Entom- 090733
corn earworm males in **electric grid** traps ba- 089916
electrodes & tissues on **electrical impedance** 088254
specific consumptions of **electric power** in a- 091303
conservation & generation of **electric power** 092357
Application of **electric thermal** radiation he- 086226

ELECTRIFICATION
Rural **Electrification Corporation** (progress 082585

ELECTROCARDIOGRAPHY
ranges of ECG **[electrocardiogram]** on norm- 084082
Investigation of physiological ranges of **ECG** 084083
lead shot on **electrocardiogram** of **Canada** g- 084079
Canine electrocardiography. 085044
Electrocardiography for **diagnosis** & control 085661
device **facilitating electrocardiogram** recordi- 085096

ELECTRODES
Utilization of a carbon **dioxide electrode** for 083689
Method of introducing **fixed electrodes** into 084178
Chod. By oxygen **electrode method.** 087295
Use of a sulfide ion **selective electrode** to st- 087663
Influence of **various electrodes** & tissues on 088254

ELECTROENCEPHALOGRAPHY
on **electroencephalogram** & **clinical** response 085046

ELECTROFOCUSING
ovine growth hormones by **electrofocusing.** 084167

ELECTROLYSIS
electron capture or **electrolytic conductivity** 089675
Electrolysis as a **purification** method for eff- 086208

ELECTROLYTES
Electrolyte & **peroxidase** leakage as indicat- 089235

ELECTROMYOGRAPHY
Introduction to **electromyography.** [Veterin- 085006

ELECTRONICS
Use of an **electronic computer** for economic 082493
Remote **electronic control**-a prerequisite for 092157
Electronic data handling--bookkeeping. [Mi- 082112
calculated by means of **electronic data** proc- 084508
further tasks by using **electronic data** proce- 085973
Electronic recordings of feeding motions & 090644
Electronic weighing & batching. [Food]. 083075

ELECTRONS
First studies on use of **electrons capture** gas 083835
with nickel **electron capture** or electrolytic 089675
redox properties of pool of **electron carriers** 087274
Direct electron microscopic techniques for 091503
Use of **electron microprobe** to measure exch- 089188
Scanning **electron-microscope** studies of My- 085267
with scanning **electron microscope.** [Fusari- 086308
Scanning **electron microscope** studies on so- 086388
viewed with scanning-**electron microscope.** 086826
with scanning **electron microscope.** [Fusari- 089146
Electron microscope-autoradiography of rust 089177
Studies with aid of **electron microscope** on 089312
membrane on **electron microscope** grids. [T- 089382
Light & **electron microscope** studies of chr- 090515
Scanning **electron microscope** studies on mo- 090553
aid of transmission **electron microscope.** 091505
Electron-microscopic investigations in islets 084025
Electron-microscopic examination of goose- 084876
Scanning **electron microscopic** observations 085213
Methods for **electron microscopic** study of 086793
of lipid extraction on **electron-microscopic** 087713
Direct **electron microscopic** techniques for 091503
Application of scanning **electron microscopy** 083317
determined by scanning **electron microscopy** 083667
Scanning **electron microscopy** of yeast colon- 083764
sativa from scanning **electron microscopy.** 086707
Scanning **electron microscopy** of chlamydos- 086795
features by scanning **electron microscopy.** V. 086825
Electron microscopy of selectively stimulated 086866
Scanning **electron microscopy** of chlamydos- 089142
Light & **electron microscopy** of red clover v- 089356
Host range & **electron microscopy** of Burdo- 089365
tissues of lettuce with **electron microscopy;** 089400
Phase contrast & **electron microscopy** of m- 090687
Scanning **electron microscopy** in study of te- 091506
wheat roots studied by **electron microscopy** 091547
liquid chromatography with **nickel electron** 089675
triphosphates] driven **reverse electron** trans- 088039
I. Application of **scanning electron** microsc- 083317
granules determined by **scanning electron** m- 083667
Scanning electron microscopy of yeast colon- 083764
Scanning electron microscopic observations 085213
Scanning electron-microscope studies of My- 085267
normal turkey sinus by **scanning electron** m- 085892
critical examination with **scanning electron** 086308
Scanning electron microscope studies on so- 086388
of Cannabis sativa from **scanning electron** m- 086707
Scanning electron microscopy of chlamydos- 086795
on fungal features by **scanning electron** mic- 086825
Parmeliaceae viewed with **scanning-electron** 086826
Scanning electron microscopy of chlamydos- 089142
critical examination with **scanning electron** 089146
Scanning electron microscope studies on mo- 090553
Scanning electron microscopy in study of te- 091506
particles with aid of **transmission electron** 091505
Electron transport between plastoquinone & 087278
driven reverse **electron transport** in chlorop- 088039

ELECTROOSMOSIS
upon **electroosmotic measurements,** transcel- 087330

ELECTROPHORESIS
Gel **electrophoretic analysis** of peanut prote- 082951
Gel **electrophoretic analysis** of peanut prote- 082952
Electrophoretic analysis of effects of in bitro 087712
An **electrophoretic analysis** of histones of h- 090463
Comparative electrophoretic studies of trypsi- 087696
Disk-electrophoresis of wheat gluten polype- 083656
Starch-gel **electrophoresis** of proteose-pepto- 084186
weight determination by **gel electrophoresis** 089415
Electrophoretic separation of peroxidases of 087095
acetate (CAF) **electrophoresis** of **serum** prot- 084063
Immunogenetic & **electrophoretic studies** wi- 090701

ELECTROSTATIC
algal ferredoxins. An **electrostatic model.** 087255

ELEMENTS
covering needs of animals in these **elements** 084712
deficiency in balance of **ash elements** in cot- 087736
determination of selected **chemical elements** 083203
Relationship of **chemical elements** to apple 083848
Relationship between some **elements content** 091708
Organic matter & mineral **element cycles** in 087321
Trace **element effects** upon municipal, indus- 092319
species in amphi-Beringian **flora element.** 086414
of phosphate & several **metal elements.** 087901
Organic matter & **mineral element** cycles in 087321
Mitochondrial element particle in heat-prod- 087459
objective research as **elements** of **modern** ec- 082028
comparison of plant **nutrient element** status 088272
on deficiencies of some **nutrient elements** in 089583
silica gels containing **nutrient elements.** 091561
comparison of plant **nutrient element** status 091642
Mitochondrial **element particle** in heat-prod- 087459
of mineral & trace **element provision** within 084514
Elements of **roll** conveyor design for sawmil- 086196
comparison of plant nutrient **element status** 088272
Trace elements--toward definition of dietary 082981
of amount of **elements** & **trace** elements in f- 083180
homogeneous" mixing of **trace elements** in 083873
Trace elements in farm animals. [Feeding]. 084391
Importance of **trace elements** to further int- 084474
homogeneous" mixing of **trace elements** in 084475
Problems of mineral & **trace element** provis- 084514
Trace elements in pasture & their effects on 085710
Role of **trace elements** in nutrition of plants 087455
Influence of some **trace-elements** on growth 087598
Effect of certain **trace elements** on growth 089096
Influence of some **trace-elements** on growth 089271
Importance of **trace elements** to further int- 091820
Trace element effects upon municipal, indus- 092319

ELEUSINE
of flowering time in ragi **Eleusine coracana** 086860
A mosaic disease of ragi **[Eleusine coracana** 089352

ELMS
in artificially-inoculated **American elms** with 089194
Role of native **elm bark** beetle, Hylurgopinus 090155
Treating Dutch **elm disease** with benlate. [088977
chemical treatment for Dutch **elm disease** c- 089149
Dutch **elm disease** in Colorado--1972. [Cera- 089232
Elm spanworm: contact toxicity of ten insec- 090125
pheromone activity of **elm spanworm.** [Enn- 090131
thuringiensis against larvae of **elm spanworm** 090111

ELODEA
SEE HYDROCHARITACEAE

ELONGATION
of thymidine during **elongation growth** of Si- 087631
Melilotus alba. III. Folded **leaflet, elongated** 086895
Elongation of **medium** chain trienoic acids to 087960
auxin on pea stem **segment elongation.** 088170
use of photosynthate during **shoot elongation** 088252

ELSINOE
Studies on **Elsinoe** & **Sphaceloma** diseases of 086597

ELYMUS
other forage grasses. **[Elymus angustus].** 087721
in southeastern Colorado, **[elymus junceus,** 084477

EMBEDDING
of methyl **methacrylate embedding** for serial 090736

EMBRYO
cultures of 28 (+3) days old pig's **embryos.** 084885
on preservation & viability of **embryos.** [Sh- 084968
of psychiatric patients. [Queen **bee embryos** 082971
study of chicken **embryo bioassay** for aflato- 082693
Bovine embryo implants. 085088
Semliki Forest virus-chick **embryo cell** inter- 085394
acid protein transferase from **cereal embryos** 087846
of amino acid transport in **chick embryo** he- 084096
of creatine during early **chick embryo** devel- 084125
triploidy (3A-ZZZW) in **chick embryos:** aut- 084181
skeletal growth in developing **chick embryo** 084247
phosphatase activity in **chick embryo.** 084248
serum & tissue proteins of **chick embryos** & 084253
Wound healing of cornea in **chick embryo.** I 084333
Wound healing of cornea in **chick embryo.** II 084334
Semliki Forest virus-**chick embryo** cell inter- 085394
Use of three day-old **chick embryos** for cult- 085408
of early yield of virus in **chick embryos.** 085476
sarcoma virus B77 . [Quail, **chick embryos]** 085581
of block by mannose. **[Chick embryos].** 085582
from avian leukosis virus. **[Chick embryos].** 085583
Wound healing of cornea in **chick embryo.** I 085797
Wound healing of cornea in **chick embryo.** II 085798
Collaborative study of **chicken embryo** bioas- 082693
differentiation in **chicken embryo**--relationsh- 084037
germ cell nuclei of female **chicken embryo** 084182
avian encephalomyelitis & **chicken-embryo-l-** 085410

of cuticle among **embryo** of **cockroach,** Blab- 090709
temperatures preservation of **cow embryos.** 084352
reference to behavior of **embryos** in **cultured** 091176
creatine during early chick **embryo develop** 084125
Embryo development & seed set in crosses f- 086873
in isoenzymes in **embryo** & **endosperm** of no- 087818
activity during rye **embryo germination.** 087643
amino acid transport in chick **embryo heart** 084096
Bovine **embryo implants.** 085088
bronchitis virus in chicken **embryo kidney** c- 085273
encephalomyelitis & chicken-**embryo-lethal-** 085410
bearing seeds with **embryos** from **Permian** of 086346
of DNA content of **embryo proper** & suspen- 086746
in chicken **embryo--relationship** to microenv- 084037
ribonucleolytic activity during **rye embryo g-** 087643
Embryo sac development in Trautvetteria j- 086606
Embryo sac & endosperm development in s- 086699
Development of **embryo sac** of sunflower He- 086738
Development of **embryo sac** of sunflower He- 086739
of chromatin loss during **embryo sac** develo- 087081
Fertility & **embryo survival** after administra- 084928
RNA in a cell-free wheat **embryo system.** 089414
cell-free system derived from **wheat embryo** 089353
virus]-RNA in a cell-free **wheat embryo** sys- 089414
after irradiation of **embryos** & **young** larvae 090531

EMBRYOGENY

homologous DNA during **embryogenesis.** 084028
during early stages of **embryogenesis.** 090605
changes during **early embryogenesis.** 090603
Causal analysis of **insect embryogenesis.** 090584
RNA during **embryogenesis** of **oncopeltus** fa- 090534
androgenetic & **zygotic embryogenesis** in Ni- 086694

EMBRYOLOGY

Comparative embryological study of Primula 086780
Embryological features of Hyacinthus roma- 086774
Embryological studies in a tetraploid hybrid 086700
Embryological studies in Cyperus alopecuro- 086783
Embryological survey of Galanthus caspius 086775

EMBRYONY

of Drosophila melanogaster **embryonic cells** 090768
development of **embryonic chicken** thymus in 084038
Embryonic cycles & secretion of cuticle am- 090709
brain & lung during **embryonic development** 084022
Embryonic development of Pyrrhocoris apte- 090429
activity during **embryonic development** of D- 090536
Studies on physiology of **embryonic diapause** 091176
capacities of hypoderma in **embryonic feet** of 090417
Participation of **embryonic genome** during e- 084131
on fruit fall & **embryonic processes** in olive 088070
anti-semen antibodies on **embryonic survival** 084846
Infectivity of **embryonated Trichuris** suis eg- 085406
erythrocytes of **embryonic** & **young** chicks. 084142

EMETICS

sedative-analgesic with **predictable emetic** p- 085168

EMISSION

delayed **light emission** in chloroplasts. [Lett- 088159
Particulate emissions of a cotton gin in Tex- 092434

EMPLOYMENT

this method with currently **employed classic** 084158
test of them by **employing** an **elastic** rubber 091439
Methodology of **employing flow** simulators-- 082492
Subsequent **employment, income** & further 081965
Unemployment in **India.** 082134
Fork-lift trucks & their **employment** in **meat** 083413
Suitability of different **procedures employed** 089406
Rural unemployment. 082136
Aspects of **job safety** & working conditions 091856
Summer jobs in ag careers. [Agronomy]. 081996
Educational needs for **employment** in **Texas** 091471
Employee turnover: costs, causes, & methods 086198
dispenser & its other **useful employments.** 091090

EMPOASCA

Gossypium hirsutum). [**Breeding, Empoasca,** 086917
Empoasca stevensi, a new vector of bunchy 089384

EMULSIFIERS

West in presence of crude oil & **emulsifiers** 087363
fractions & two **emulsifiers** on **full**-grown la- 089867

EMULSION

On effect of **bitumen emulsions** on soil tem- 088326
Liquid mulching with **bitumen emulsion**--a 091884
conditioning with an **emulsion** of **bitumen** & 091598
locally formulated **emulsifiable concentrates.** 089780
soils of Peru using a **hydrophobic emulsion.** 091587
formulation of **emulsifiable insecticides** conc- 089779
On use of binders in **meat emulsions.** 083401

ENCAPSULATION

with **encapsulation** & **melanization** of some 089787

ENCEPHALITIS

Tick-**borne encephalitis** virus (TBE) in Ger- 090301
morphology of **California encephalitis** virus 085585
morphology of California **encephalitis virus** 090833

ENCEPHALOMYELITIS

survey of **avian encephalomyelitis** in Maiyagi 085284
surveys for **avian encephalomyelitis** & chick- 085410
to study of **avian encephalomyelitis:** immuno- 085473

ENCHYTRAEIDAE

populations of **Enchytraeidae** & **lumbricidae** 091689

ENCYRTIDAE

in some genera of **Encyrtidae** & **Aphelinidae** 090611
food) relations in **family Encyrtidae** (Hyme- 090612
parasitic Hymenoptera of **family Encyrtidae** 090613

ENDEMIC

Delacr.) Siematzko **mycosis endemism** in p- 090487

ENDOCARDIUM

of endocardiosis & **endocarditis** of **dogs.** I. I- 085669

ENDOCARP

of kernel & **endocarp** of **fruit** of Doum palm 088007

ENDOCRINE

Clinical endocrinology. [Dogs]. 084993

ENDOGENY

Endogenous acidic exudate from lemon fruit 088237
of storage factors on **endogenous ethylene** p- 083697
abscisic acid on levels of **endogenous gibber** 087564
of abscisic acid on **endogenous gibberellin** le- 088016
Endogenous plant growth substances in deve- 087932
Relationship of **endogenous substrate** to spe- 087477

ENDOMETRITIS

Non-specific **postpartum endometritis.** [catt- 085384

ENDOPARASITES

of two **endoparasites** on **development** of gon- 090847
Treatment of **ectoand endoparasites** of dogs 085415

ENDOPEPTIDASES

Multiple forms of **acidic endopeptidase** from 087833

ENDOPHYTES

Castilleja (Scrophulariaceae). II. **endophyte** 087334

ENDOSPERM

reticulum of **castorbean endosperm.** 087548
of ribonuclease activity in **corn endosperm.** 086868
of triploid "plantlets" in **endosperm cultures** 086831
Embryo sac & **endosperm development** in s- 086699
in vivo decay in **endosperm** of **maize.** 087092
activity in developing **maize endosperm.** 087803
in embryo & **endosperm** of **normal** & opague 087818
to diets containing **opaque-7 endosperm** pro- 084641
accumulated substances in **rice endosperm** d- 087741
on germinated **seeds endosperms** alpha-amy- 087872

ENDOSYMBIOSIS

Analysis of **endosymbiosis cycle** of Euscelis 090482

ENDOTHIA

Rennin, Mucor pusillus, **Endothia parasitica** 083310

ENDOTOXINS

concentrations of delta-**endotoxin** of **Bacillus** 089928
for mode of action of **endotoxin** of **Bacillus** 090037

ENERGY

Carbohydrates (**energy**), pivot point of grass 087702
International Atomic **Energy Agency**] Divis- 091888
in citrus orchard & **energy balance** of plant 086654
Energy capacity of a new hoeing method. [091457
Energy conservation capacity & morphologi- 084794
of nitrogen & **energy constituents** in diet of 084428
Energy cost of activity in cattle. 084145
Study of **different energy** sources (raw sugar 084707
An attempt to **estimate energy** flow through 090747
Energy evaluation of brewers grains for gro- 084573
An attempt to estimate **energy flow** through 090747
routine-examination for **growth energy** of fr- 088103
Processed sawdust in **high energy** sheep rati- 084548
Human energy requirements of selected farm 082142
Optimum **energy level** for broiler breeders. 084410
Observations on effect of **energy material** in 087666
Fluorescence lifetime & **energy migration** m- 087972
California **Net Energy** System: theory & ap- 084574
Evaluation of **net energy** systems. [Cattle, f- 084575
Optimum energy level for broiler breeders. 084410
Nucleation phase & **energy pattern.** [Sugarb- 083687
Energy & protein requirements; report of a 083006
with propionic acid as an **energy & protein** 084488
physiological basis of **energy & protein** prov- 084512
Determining **radiant energy** in different wav- 087392
of wings in absorption of **radiant energy** by 090523
Protein & **energy** in **rations** for fattening H- 084492
Human **energy requirements** of selected farm 082142
Protein & **energy retention** of growing geese 084314
Processed sawdust in high **energy sheep** rati- 084548
Ecology & agriculture. 1. It is **solar energy** 081984
Determination of **energy source** utilized by l- 084222
dried sugar beet pulp as **energy source** in ra- 084691
Study of different **energy sources** (raw sugar 084707
California Net **Energy System:** theory & ap- 084574
Evaluation of net **energy systems.** [Cattle, f- 084575
Energy transfer from carotenoids to chloro- 087473
Inhibition of **energy transfer** reactions in sp- 088040
Food & **energy turnover** of phytophagous in- 090150

ENGINEERING

Indian timbers for industrial & **engineering** 086165
instruction in **agricultural engineering.** 081887
Institute of **Agricultural Engineering,** 1971- 091388
A challenge for **chemical engineering.** 092325
Engineering properties of cohesive soil from 091684

ENGINEERS

Basic knowledge for **agricultural engineers:** 091686
Training engineers in automation techniques 086158

ENGINES

Why i gave up my **fire engine** practice. [Vet- 085150
thermal loading of **tractor engines.** 091310

ENNOMOS

applied to larvae. [**Ennomos subsignarius,** tr- 090125
lepidopterous larvae. [**Ennomos subsignarius** 090661
of elm spanworm. [**Ennomos subsignarius**]. 090131

ENTERIC

Coliform enteritis in rabbits. [Escherichia c- 085249
Epidemiology of parasitic **gastro-enteritis** of 085333
test for **hemorrhagic enteritis** of turkeys. 085648
from turkeys with **infectious enteritis.** 085277
in prophylaxis of some **infective enteritis** of 085573
for treatment of **necrotic enteritis** in swine. 085515
Necrotic enteritis in chickens in Norway. 085671
associated with **transmissible enteritis** (blue- 085280
pneumonia & **enteritis** of **young** swine. 085456

ENTEROBACTERIACEAE

Serratia marcescens septicaemia in dog. 085409

ENTEROTOXINS

on growth & **enterotoxin production** by Sta- 082819
Detection of **staphylocaccal enterotoxins** in 082736
Identification of **enterotoxic staphylococci.** 082776

ENTEROVIRUSES

Enterovirus infection of swine with damage 085425

ENTOMOLOGISTS

Samojlovic Moncadskij . [**Entomologists**]. 090445
Thompson--a kindred spirit. [**Entomologists**] 090485
William Fay 1912--1972. [**Entomologists**]. 090663
Luther Laffoon 1922--1973. [**Entomologists**] 090664
Fritz Zumpt 65 years old. [**Entomologists**] 090846
training of **entomologists** in South **Africa.** 090773
seventeenth-century **American entomologist** 090572
research between **entomologists** of **Canada** 090549
of West African **cocoa entomologists.** 089830

ENTOMOLOGY

of microvideo system to **entomology.** 090660
lamp & its electrical fittings. [**Entomology**] 090733
Helsingfors) in 1971--1972. [**Entomology**]. 090821
Entomological collections of University of 090946
Entomological collections of Zoological Inst- 090973
chairman of **Czechoslovak Entomological** So- 090433
responsibility of **Entomological Society** of C- 090484
of feed-back in **entomological studies** on par- 090112

ENTOMOPHAGOUS

released by **entomophagous fungus** Beauveria 087639

ENTOMOPHTHORACEAE

Entomophthora bullata as a pathogen of Sa- 090138
of three speices of **genus Entomophthora** to 087343
Incidence of **Entomophthora sp.** & other na- 090039

ENTYLOMA

SEE TILLETIACEAE

ENUCLEATION

progestin secretion after **enucleation** or **re-i-** 084299

ENVIRONMENT

legal systems for protection of **environment** 082583
Cattle raising & **environment.** 083930
infection of bovine fetus & its **environment.** 085247
Environment for what? [Forests]. 085859
of Soviet Union in relation to **environment.** 085955
impact of tropical forests on **environment.** 086664
hirsutum L.) within & among **environments** 086892
sensitivity to change in **environment.** 086931
algal secretion into **environment.** [Ochromo- 087310
Effects of insecticides. [**Environment**]. 090333
Orchardist & **environment.** [Pesticides]. 090401
Effect of animal husbandry on **environment** 092302
Dairy wastes & **environment.** 092333
Effects of insecticides. [**Environment**]. 092360
with respect to protection of **environment.** 090316
Environment & animal health in piglet prod- 083915

Pesticides in **aquatic environment**, 1972. 090331
raw material with **environmental aspects.** 092412
Protection of **environment attempt** of a criti- 092309
of hop cones, genetic **basis, environment** & y- 087699
Definition of **biological environment** of typi- 086683
Protection of **environment** & **care** of agricul- 092388
Environmental care is an integral part of co- 092413
in glasshouse under **certain environmental** c- 089371
Environmental changes & diseases of woody 089444
Our **chemical environment.** [Pesticides]. 090326
hematuria & **environmental conditions.** 085659
under certain **environmental conditions.** 089371
works schemes & **environmental conservation** 092356
Mercury: **environmental considerations.** I. 092331
Environmental control of stomatal activity in 088248
Bees in service of **environmental control** & 091083
Environmental control within European Co- 092334
communities in **controlled environment.** 086618
Cryptomeria under **controlled environment** 088280
Controlling environmental parameters for o- 091828
quail selected under **different environments** 084862
in **environmental documentation.** 092361
contamination of **environment** & its **effects** 082677
Environmental effects of herbicides. 089601
of scientists to **explain environment** to public 092376
Manipulation of **environment** to **facilitate** u- 089783
Environmental factors in swine production; 083985
Effects of **environmental factors** on economic 084188
Effects of some **environmental factors** on dif- 087293
plant growth stage & **environmental factors** 089724
Pesticides: pollution of **environment** & **foods** 092385
Genotype-environment interaction in North 086024
Genotype-environmental interactions in Sch- 086931
beginner. 6. An **environment** for **growing.** 088577
Influence of **home environment** on poinsettia 088037
Water, land, & **environment imperial** valley: 082623
Development of **environmental indices:** outd- 082058
Environmental indices for radioactivity rele- 092375
Genetic control of **environmentally induced** 086932
Genotype-**environment interaction** in North 086024
Genotype by **environment interaction** for s- 086972
Genotype-**environmental interactions** in Sch- 086931
of external & **internal environment** on occur- 085700
one kind of **medical environmental** problem. 082839
of western Pyrenean **mountain environment:** 086632
protection of **natural environment.** 085981
effects produced in a **natural environment** as 089818
Evaluation of **natural environments.** 092377
effects produced in a **natural environment** as 092401
Effects of indoor & **outdoor environments** on 084150
Controlling **environmental parameters** for o- 091828
Peasant environment in confines of Anjou, 081986
contamination of **environment** by **pesticides;** 092400
Physiological, environmental, & hormonal f- 084854
Socialist **environment planning:** problems of 092431
Guidelines for quality **environment planning** 092439
flax as influenced by **environment** & **plant** g- 087355
Fertilizers & **environmental pollution;** Indian 091909
indicators of **environmental pollution.** 092373
one kind of medical **environmental problem.** 082839
plant growth, & **environmental problems.** 087322
Recent, **environment protecting** methods of 089781
Waste, **environment protection** & food prod- 083177
partially resolved **environmental protection:** 091078
study of **environmental protection** & admini- 092096
partially resolved **environmental protection:** 092304
Environmental protection: A challenge for c- 092325
Environmental protection in 1973. 092335
Biological bases of **environment protection.** 092346
Waste, **environment protection** & food prod- 092399
Environment protection program for Papua- 092436
waste managment in a **quality environment.** 092355
Indicators of **environmental quality:** an over- 092371
Why **environmental quality** indices? 092378
hujans: a measure of **environmental quality.** 092380
Guidelines for **quality environment** planning 092439
aspects of adaptation to **range environments** 084532
Recent, environment protecting methods of 089781
Environmental regulation of oxygen effect on 087707
Exampled partially **resolved environmental** 091078
environment & keeping of **rural environment** 092317
to human, animal & **environmental safety.** 082795
of mercury in fish & **environmental sample** 083020
on undersown forage **seedling environment.** 086649
cv. Greenleaf in a **sibtopical environment.** 088337
Socialist environment planning: problems of 092431
Evaluation of **environmental stress** on cardi- 085033
priorities among **environmental stresses.** 092379
relations between **environmental variables** & 088358
Waste, environment protection & food prod- 083177

ENZOOTIC

experiments against so-**called enzootic** pne- 085322

ENZYMES

analysis of peanut proteins & **enzymes.** II. 082952
mori. I. Activation reaction by **enzyme.** 091097
Purification & characterization of **enzyme.** 091098
Enzymes. [Bees]. 091137
analysis of peanut proteins & **enzymes.** I. C- 082951
on prephenoloxidase-**activating enzyme** from 091097
on prephenoloxidase-**activating enzyme** from 091098
levels on liver **enzyme activities** in quail. 084265
Enzymatic activities & infrastructure of sim- 087187
in piglets with inhibited **enzymatic activity** 085715
Pectolytic **enzyme activity** of Choanephora 089079
function: a comparison of **enzyme activity** le- 090474
Enzymic activity & humus content in eastern 091783
Enzyme activity of soils rehabilitated from 092060
Investigations into & an **enzymic assay** met- 083219
catalysed by a Phaseolus **aureus enzyme.** [087963
Bacteria, enzymes & wood permeability. 086217
Studies on insect **bacteriolytic enzymes.** I. 090520
tetrachlorethylene on several **blood enzyme** 084070
Non-**enzymic browning.** VII. Reactions of s- 083230
Carboxylating enzymes in normal & carote- 087690
of pectolytic & **cellulolytic enzymes** by Cer- 089180
activity of pectic & **cellulolytic enzymes** of 089291
Enzymic character of toxic substances relea- 087639
of coconut meal: a new **enzymic-chemical** m- 083791
From "workshop" of an "**enzyme-chemist**" 083641
by aspergilli-side chain **cleaving enzymes.** [087635
kinetic properties of 3 milk-**clotting enzymes.** 083310
their activity & **enzyme composition.** 083241
Ultrafiltration **controlled enzymatic** degrada- 083658
Enzyme degradation in higher plants: phos- 087385
on proteins & **enzymes** from **dormant** peanu- 087712
Enzymatic esterification of alkane-2, 3-diols 084057
with an addition of **exogenous enzymes.** 083575
activity of some **enzymes extracted** from fro- 083751
during catlytic activities. [**Food, enzymes**]. 083104
tetrahydroxydiphenyl-**forming enzyme** syst- 087417
Enzymatic fractionation of carbon isotyopes 087837
of iron, chlorophyll, ant **heme enzymes** in li- 087695
of susceptibility to **enzymic hydrolysis** of st- 083582
Enzymatic hydrolysis as a source of structu- 083671
worts by means of an **industrial enzyme.** 083039
in piglets with **inhibited enzymatic** activity 085715
of tetrahydrofolate **interconversion enzymes** 087102
of tetrahydrofolate **interconversion enzymes** 087103
Localization of **enzymes** of **intermediary** me- 087258
roots of principal **enzymes involved** in sucro- 088126
on several blood **enzyme levels** in Greyhound 084070
Plasma **enzyme levels** & erythrocyte G6P- 084126
Saccharomyces cerevisiae. I. **Enzyme levels** 087102
Proteolytic & **lipolytic enzymes** from larvae 090438
carbohydrate levels on **liver enzyme** activiti- 084265
Further studies on "**macerating enzyme**" in- 089165
Enzymic mechanism of starch synthesis in r- 087669
Phenol-**oxidizing enzymes** in heartwood of P- 088263
glucose & **particulate enzyme** of oat coleopti- 087844
Pectolytic enzyme activity of Choanephora 089079
of ageing on **enzymes** of **phenylpropanoid** m- 088141
Enzymes of **phospholipid** metabolism in end- 087548
on **enzymes** of **phosphorylation** of thymidine 087631
Plasma enzyme levels & erythrocyte G6P- 084126
of malt flours & **enzyme preparations** & the- 083184
esculentum roots of **principal enzymes** invol- 088126
amylolytic & proteolytic **enzymes produced** 083103
Studies on proteolytic-**enzyme-producing** ba- 083372
Fron. 1. Requisites of **enzyme production** in 089180
funiculosum & its **enzymatic properties.** 087281
Enzymatic properties of a repressible acid 087619
VII. Purification & **enzymic properties** of s- 087669
of amylolytic & **proteolytic enzymes** of Asp- 083010
of amylolytic & **proteolytic enzymes** produc- 083103
Studies on **proteolytic-enzyme**-producing ba- 083372
rhizome: a new source of **proteolytic enzyme** 088088
examinations of their **proteolytic enzymes.** 089758
Rectal enzymes of attine ants. alpha-amylase 090703
independent induction of **enzymes related** to 087971
cis,6-trans-farnesols by **soluble enzymes** from 087344
Enzymatic synthesis of a hydroxy fatty acid 087679
of differentiation of **enzyme system** in grow- 087694
Activity of **transamination enzymes** in swine 084317
Enzymatic transfer of mannose from guanos- 087270
of activity of **enzyme** in **veterinary** medicine 085102

EPHEMEROPTERA

SEE PLECTOPTERA

EPHESTIA

fat body in **Ephestia kuhniella** Z. 090843

EPHYDRIDAE

maggot Hydrellia spp. (Diptera: **Ephydridae** 089851
Yuasa & Isitani (Diptera: **Ephydridae**) a new 089933

EPIBLEMA

of gonads in larvae of **Epiblema tedella** Cl. 090847

EPIDEMIC

Epidemics of **fruit** soft rot on green peppers 089305
Wheat stem rust **epidemic potential** in 1972 089214

EPIDEMIOLOGY

Epidemiology & **control** of Lophodermium [089234
significance in **epidemiology** of **fascioliasis.** 085512
Epidemiology of **parasitic** gastro-enteritis of 085333
Epidemiological problems of tobacco necrosis 089363
in diagnosis & **epidemiological studies.** 085295
Epidemiological studies on rice black-streak- 089351
An **epidemiological study** of Pasteurella ha- 085293
Epidemiological survey of avian encephalom- 085284

EPIDERMAL

study of cell types of an **adult epidermis:** Pl- 086696
preparation from Vicia **faba epidermis.** [Bro- 087679
Can **larval epidermis** omit secretion of a pu- 090676

EPIDIDYMIS

of ram testis & **epididymis.** 084790
during passage through **bovine epididymis.** 084870

EPILEPSY

Epilepsy. [Veterinary medicine]. 085616
episode of a poodle. [**Epilepsy, dogs**]. 085686
Epilepsy type attack of a dog caused by hy- 085722

EPIMER

oxidative degallation & **epimerization** of **tea** 083126

EPINEPHRINE

swine by **norepinephrine, epinephrine,** & iso- 084321

EPIPHYSIS

Epiphyseal stapling in horse. 085131

EPIPHYTES

characters of West **African epiphytic** orchids 086391
salt march **epiphytic communities.** 086641
Epiphytic microphytes in a pond polluted w- 087208
early growth of **epiphytic orchids.** 088217

EPISTASIS

An **epistatic phenomenon** resulting in aleur- 087027
in presence of **epistasis** in **populations** deriv- 086993

EPITHELIUM

affecting migration of **corneal epithelium.** 084333
Self-digestion of **gut epithelium:** a possible 090037
Substrata histochemistry of **epithelium layer** 084316
bed as a substratum for **epithelial migration** 084334

EPITRIX

feeding tobacco insects. [**Epitrix histipennis,** 089967

EPIZOOTIC

Epizootic bovine fever. 085601
on a naturally occurring **winter epizootic** of 085388

EPIZOOTIOLOGY

Studies on **epizootiology** of **bovine** babesiosis 085252
Studies on **epizootiology** of **bovine** babesiosis 085254
Epizootiological significance of non-pathoge- 085454

EPOXIDES

Maculatin: an isomer of **uvedalin epoxide** fr- 087519

EPOXY

Aldrin epoxidation by plant root extracts. [088142

EQUIDAE

of pottack & small **Quaternary Equidae** of 084088

EQUILIBRIUM

from their **equilibrium solutions.** 087660

EQUIPMENT

Depreciation of inventory. [**Equipment**]. 082197
transportation of fresh milk. 3. [**Equipment**] 082330
timber volumes without **equipment.** 085946
transportation of fresh milk. 3. [**Equipment**] 091320
do you think about accidents? [**Equipment**]. 091322
for field vegetable production. [**Equipment**] 091347
wear-effect of load & speed. [**Equipment**]. 091377
harvesting of black currants. [**Equipment**]. 091436
for sowing maize economically. [**Equipment**] 091453
availability of **agricultural equipment** is secu- 082147
Development of **automatic equipment** for irr- 091370
Forest fire **control equipment**]. 085871
Methods & **equipment** used for **control** of fr- 089490
Modern milking & milk **cooling equipment** 091432
Installation of **equipment** for **distribution** of 091414
quality control of **farm equipment.** 091313
Gyratory equipment in cheese industry. 083295
shift complex use of **harvesting equipment:** 088386
movement of **heavy equipment** in agricultural 091371
application with hand-**held equipment.** [Tob- 091472
Advances in **irrigation equipment.** 091451
Texas agribusiness. [**Machinery, equipment**] 091471
Effectiveness of **main equipment** & methods 091469
Equipment & **management** of an intensive c- 085004
Astab--an **equipment** for **mechanical** pruning 085993
fiber removing & **moistening equipment** type 091419
Service insurance of **motorized equipment.** 082304
microbiology of **equipment** & **processing.** 082830
Installation of a **processing equipment** for p- 083814
mills MC-3. [Feed, **processing equipment**]. 091417
Utilizing new **radiographic equipment.** [Vet- 085024
Focus on puddlers. [**Rice, equipment**]. 091337
Machinery & **equipment** in **road** building. [086193
Studies on vacuum seed **sowing equipment** (091384
Results with special corn **sowing equipment** 091401
Development of soil **tillage equipment.** 091341
Drive rotary tools. [**Tillage equipment**]. 091344

removing & moistening **equipment type** SMT 091419

EQUISETUM
Abnormal stomata of **Equisetum.** 086752

ERADICATION
Eradication of **brucellosis** from a show herd. 085510
On outbreak & **eradication** of **cases** of anthr- 085452
Eradication of **leptospirosis.** [Livestock]. 085540
drainage on control & **eradication** of **malaria** 090242
Imported fire ants: **eradication trials** with m- 090253

ERAGROSTIS
Productivity of **Eragrostis eriopoda** in a mul- 087903

ERANNIS
Stages of **Erannis vancouverensis** (Lepidopt- 090497

ERETMAPODITES
Congo Brazzaville: **Eretmapodites hamoni** n 091043

ERGOT
Effect of **feeding ergot** to gilts during early 084468

ERICACEAE
nitrate reductase from leaves of **Ericaceae.** 088128

ERIOCAULACEAE
Additional notes on **Eriocaulaceae.** XL. [Bib- 086510
Additional notes on **Eriocaulaceae.** XIIV. 086524
Additional notes on **Eriocaulaceae.** XLV. 086540
Additional notes on **Eriocaulaceae.** XLVI. 086543

ERIOISCHIA
in Canada & England. [**Erioischia brassicae**] 090025

EROSION
in vehicle tracks in Svalbard. [**Erosion**]. 092048
Hungary & protection **against erosion.** 091482
Bank erosion on low-velocity streams. 092029
to reduce runoff & **erosion** & its **consequent** 092019
Soil **erosion-- disease;** soil conservation-- cu- 092021
Eolic erosion in arid hot countries. [Soils]. 092051
AE in soil protection from **erosion** & **lawn** g- 092053
Splash erosion of loam & silty clay loam soi- 092034

ERUCIC
connected with ingestion of **erucic acid** cons- 082706

ERWINIA
apple rootstock clones. [**Erwinia amylovora**] 089300
or an avirulent starin of **erwinia amylovora.** 089303
penicillin V-acylase. [**Erwinia aroidaeae,** Fu- 087389
annuum, L.) caused by **Erwinia carotovora** v- 089305
solani, Sclerotium **rolfsii, Erwinia**]. 089219
for inoculation of corn with **Erwinia spp.** 089313

ERYSIPELAS
XIII. Immunizing antigen. [**Swine erysipelas**] 085236

ERYSIPELOTHRIX
investigations on Listeria & **Erysipelothrix.** 085478
invesitgation on Listeria & **Erysipelothrix.** II 085479
studies on **Erysipelothrix insidiosa.** XIII. I- 085236

ERYSIPHACEAE
sugar beet powdery mildew, **Erysiphe betae** 089174
storage of conidia of **Erysiphe graminis** pro- 086294
of barley mildew. [**Erysiphe graminis** hordei 089035
On appearance of **Erysiphe graminis** f. sp. h- 089056
Diseases of winter wheat. [**Erysiphe graminis,** 089132
on infection process of **Erysiphe graminis.** [089182
distribution of **Erysiphaceae** as viewed from 089269

ERYTHRINA
SEE LEGUMINOSAE

ERYTHROCYTES
enzyme levels & **erythrocyte** G6P-**DH** [gluc- 084126
in lenses & **erythrocytes** of **embryonic** & yo- 084142
cattle & swine on **erythrocytes** of **hens.** 084345
from plasma & **erythrocytes** in **Holstein-Fri-** 084067
precursors in **erythrocytes** of **normal** & gluta- 084755
dehydrogenase] in **pig-erythrocytes.** 084362
cells picture & **erythrocyte sedimentation** ra- 084343
immune response to **sheep erythrocytes.** 085318
to induce ingestion of **sheep erythrocytes** by 085376

ERYTHROID
non-histone proteins in **avian erythroid** cells 084121

ERYTHROPOIESIS
Effect of **erythropoietin** on **erythropoiesis** of 084337

ESCHERICHIA
Studies on **Escherichia coli** bacteria & food 082704
enteritis in rabbits. [**Escherichia coli**]. 085249
oophoritis & salpingitis. [**Escherichia coli**]. 085364
due to mixed infections of **Escherichia coli,** 085365
susceptibility to colicines in **Escherichia coli** 085482
to antibacterial agents of **Escherichia coli** in 085490
drug-resistance among **Escherichia coli** isola- 085494
Colon bacillus--colon serum. [**Escherichia co-i,** 085666
for detection of **coliforms** in **pasteurized** milk 083386

ESOPHAGUS
Diverticulum of **esophagus** in a **cow.** 085725

ESPALIER
Pointers on **espalier.** [Plants]. 088748
Fruit **tree espalier.** 088729

ESSENCES
identified in commercial **blackberry essence** 083777

ESTERASES
pseudoobscura]. I. **anodal esterases** & their 090537
of pancreatic lipase & **pregastric esterase** on 084072

ESTERIFICATION
Enzymatic esterification of alkane-2, 3-diols 084057

ESTERS
determination of some **alcohols, ester** & aci- 083628
Conversion of **ascaroside esters** to free asca- 085401
ochratoxins A & B & their **esters** in **barley,** 082689
ochratoxins A & B & their **esters** in **barley,** 082690
Ethyl esters of rum higher fatty acids. 083013
chromatography method for **oxidized esters** 083207
Godfrey with an unusual **ester side** chain. 087428
M2060 (betafluorethyli c **ester** of **xenylacetic** 090052

ESTRADIOL
effects of **oestradiol** after **hypophysectomy** or 084742
progestational priming of **estradiol-induced** 084795
of 17beta-**estradiol** & **progesterone.** 084231

ESTROGEN
of testosterone & **oestrogens** on **accessory** s- 084271
formation in cattle after **estrogen dosage** in 085732
Studies into **oestrogen excretion** of young f- 084889
Facing problem of **estrogens** in **foods** of ani- 082747
Effect of **estrogen** on **gene** expression in chi- 084791
Effect of **estrogen** on **gene** expression in chi- 084792

ESTRUS
synchronization of **estrus** in **bovine.** 084847
nitrogen, & glucose during **bovine estrous** cy- 084851
natural dies. VI. Growth, **estrus, conception** 084571
of surti buffalo uterus during **estrous cycle.** 084198
injections of progesterone on **oestrous cycle** 084208
Post-puberty **estrus cycle** & gestation period 084748
research on synchronization of **estrous cycle** 084761
follicle population during **oestrous cycle** in 084867
administered early or late in **oestrous cycle,** 084868
progesterone throughout **oestrous cycle** of p- 084871
Control of mare's **oestrous cycle** by prostagl- 084872
thyroid status of buffalo during **estrous cycle** 084966
iodine solution on duration of **oestrous cycle** 084273
Inducing estrus in ewes out of sexual season 084960
Synchronization of **estrus & ovulation** in ma- 084837
on research work on **estrus synchronisation** 084978

ESTUARIES
of clayey soils of **estuary** of **Charente** (Fran- 092126
Marine & **estuarine pollution.** 092457

ETHANOL
mellea by **ethanol** & other **alcohols** in relati- 089196

ETHEPHON
of (2-chloroethyl)phosphonic acid (**ethephon** 083698
dimethylhydrazide] & **ethephon** as an **aid** to 088902
Effect of pre-harvest **ethephon application** on 090001
with **ethephon** & a **benzothiadiazole.** 086939
Effect of **ethephon** on **bulbing** of onion under 088065
Feeding studies with **ethephon growth** regul- 090348

ETHERS
properties of some **cellulose ethers.** [Cotton 083673
Crude fat or **ethyl ether** extract determinati- 082983
Occurrence of apigenin-5-**methyl ether** in se- 087437
of apigenin & luteolin 7& 7,4'-**methyl ethers** 087492
ammonia. VI. Components in **ether soluble** f- 086180
Quercetin 3,7,3',4'-**tetramethyl ether** from 087502

ETHNOBOTANY
Contribution to **ethnobotany** of **Brou** (Camb- 086464

ETHYL
for ethyl caprylate & phenyl **ethyl alcohol** 082965
E, selenium, antioxidants & **ethyl alcohol** in 084601
Ethyl chrysanthemumate as an attractant for 090026
Ethyl esters of rum higher fatty acids. 083013
Crude fat or **ethyl ether** extract determinati- 082983
by E.M.S. [**ethyl menthanesulfonate**] seed t- 087020
beauv cultivar K-22-1 by **ethyl methane** sul- 086863
Studies on EMS [**ethyl methanlsulfonate**]-i- 087112
America & Caribbean with **pirimiphos-ethyl** 090078
in analysis of vanillin & **ethyl vanillin** in al- 083120

ETHYLENE
a colorimetric determination for **ethylene.** [087542
Citrus unshu Marc.) with **ethylene.** 088095
esculentum on synthesis of **ethylene.** [Toma- 090070
in an interaction with **ethylene & carbon** di- 088162
poultry meat by EDTA [**ethylene diamine** t- 083516
Increased tolerance to **ethylene dibromide** in 090206
injury, indoleacetic acid, **& ethylene effects** 087849
of storage factors on **endogenous ethylene** p- 083697
Ethylene & germination & early growth of 087858
Light-**induced ethylene** production in sorgh- 087839
Ethylene-induced phenylalanine ammonia-ly- 088156
effect of kinetin on auxin-**induced ethylene** 088154
Chlorogenic acid **levels, ethylene** production 089496
support for a role of **ethylene modification** of 087845
during treatment with **ethylene oxide.** 083179
Biogenesis of **ethylene** in **Penicillium** digita- 087234
Effect of **ethylene producing** chemicals on g- 088074
factors on endogenous **ethylene production** 083697
Ethylene production & respiratory behavior 087122
Light-induced **ethylene production** in sorgh- 087839
Inhibition of **ethylene production** in plant ti- 088002
kinetin on auxin-induced **ethylene production:** 088154
Ethylene production & respiratory behavior 088167
Chlorogenic acid levels, **ethylene production** 089496
as affected by Alar & **ethylene removal** from 083716
on production of **ethylene** & on **respiration** 087982
Evolution of **ethylene** & **tomato** fruit ripeni- 088063

ETHYLENIMINE
activity of **ethylenimine** in **Neurospora** cras- 087106

ETIOLATION
by slices from greening **etiolated barley** & 087854
in green leaves & **etiolated cotyledons** of Fr- 087964
Growth inhibitors from **etiolated leaves** of b- 089853

ETIOLOGY
Studies on **aetiology** & **pathogenesis** of endo- 085669
Etiology, prevention & therapy of prolapsus 085763

EUCALYPTUS
Eucalyptus. [Globulus]. 085827
foraging on two species of **Eucalypts.** 091103
Albany **balckbutt, Eucalyptus** staeri (Maiden 086380
Bull mallee, **Eucalyptus behriana** F. Muell. 086367
Camden white gum, **Eucalyptus benthamii** 086364
Inland **bloodwood, Eucalyptus** terminalis F. 086371
Eucalyptus camaldulensis, Dehn, provenance 086053
Broad-leaved **carbeen, Eucalyptus** confertifl- 086369
Mealy stringybark, **Eucalyptus cephalocarpa** 086365
leaved carbeen, **Eucalyptus confertiflora** F. 086369
Heart-leaved silver gum, **Eucalyptus cordata** 086360
leaved cabbage gum, **Eucalyptus grandifolia** 086368
Morrisby's **gum, Eucalyptus** morrisbyi R. G. 086359
Heart-leaved silver **gum, Eucalyptus** cordata 086360
Mountain swamp **gum, Eucalyptus** camphora 086363
Camden white **gum, Eucalyptus** benthamii 086364
Snow **gum, Eucalyptus** niphophila Maiden et 086366
Large-leaved cabbage **gum, Eucalyptus** grand- 086368
Shiny-barked **gum, Eucalyptus** pachycalyx 086372
Umbrawarra **gum, Eucalyptus** umbrawarrens- 086373
Urn **gum, Eucalyptus** urnigera Hook. f. 086374
Tasmanian alpine yellow **gum, Eucalyptus** s- 086375
Tasmanian yellow **gum, Eucalyptus** johnston- 086376
Darling range ghost **gum, Eucalyptus** laeliae 086379
Mountain marri, **Eucalyptus haematoxylon** 086378
yellow gum, **Eucalyptus johnstonii** Maiden. 086376
Darling range ghost gum, **Eucalyptus laeliae** 086379
pulchella Desf, syn. **Eucalyptus linearis** De- 086362
Mycoflora of **Eucalyptus maculata** leaf litter 087593
Bull **mallee, Eucalyptus** behriana F. Muell. 086367
Mountain **marri, Eucalyptus** haematoxylon 086378
Morrisby's gum, **Eucalyptus morrisbyi** R. G. 086359
Snow gum, **Eucalyptus niphophila** Maiden et 086366
Shiny-barked gum, **Eucalyptus pachycalyx** 086372
Swamp **peppermint, Eucalyptus** rodwayi R. 086358
White **peppermint, Eucalyptus** pulchella De- 086362
Silver **peppermint, Eucalyptus** tenuiramis m- 086377
White peppermint, **Eucalyptus pulchella** De- 086362
Variation in leaf oil of **Eucalyptus punctata.** 087479
Swamp peppermint, **Eucalyptus rodwayi** R. 086358
Albany balckbutt, **Eucalyptus staeri** (Maiden 086380
Mealy **stringybark, Eucalyptus** cephalocarpa 086365
yellow gum, **Eucalyptus subcrenualata** Maid- 086375
Silver peppermint, **Eucalyptus tenuiramis** m- 086377
Inland bloodwood, **Eucalyptus terminalis** F. 086371
gum, **Eucalyptus umbrawarrensis** Maiden. 086373
Urn gum, **Eucalyptus urnigera** Hook. f. 086374

EUCHLAENA
Teosinte, a good green fodder. [**Euchlaena**]. 088402
maydis (Dc.) Corda). [**Euchlaena mexicana**] 086795
in teosinte (**Euchlaena mexicana** Schrad.). 087071
maydis (Dc.) Corda). [**Euchlaena mexicana**] 089142

EUGLENA
metabolism in Astasia [Longa] & **Euglena.** 087258
division synchronized cultures of **Euglena.** 087544
proplastids from dark-grown **euglena cells.** 087543
of plastid system of **ethiolated Euglena** graci- 087371
AAP) from **Euglena gracilis.** 087265
spectral study on **Euglena gracilis** Z during 087562
acid synthetase activity in **Euglena gracilis** 087268

EULACHNUS
Probing behavior of **Eulachnus agilis** & inju- 090128

EULOPHIDAE
Ferrlere (Humenoptera: **Eulophidae**). 090778

EUMERUS
in controlling bulb fly **Eumerus amoenus** Lo- 090182

EUONYMUS
SEE CELASTRACEAE

EUPATORIUM
of hairs in **Agrimonia eupatorium** L. (Family 087357
lactones from **Eupatorium cuneifolium.** 087425
Flovonoids from **Eupatorium subhastatum.** 087534

EUPHORBIA
on apical dominance. [**Euphorbia esula**]. 087550
a progress report. [**Euphorbia pulcherrima**] 088038
of poinsettias. [**Euphorbia pulcherrima**]. 088826
development. [**Euphorbia pulchezzima**]. 088037

EUPHRASIA
investigation of **Euphrasia officinalis.** 087557

EUPROCTIS
food plants by larvae of **Euproctis fraterna** 089763

EURYTOMIDAE
Canada (Hymenoptera: **Eurytomidae**). 090964

EUSCELIS
of endosymbiosis cycle of **Euscelis plebejus** 090482

EUTROPHICATION
Notes on **eutrophic** action of a "natural food 082971
technique as a measure of **eutrophication.** 092102
Eutrophication. [Waste, water pollution, alg- 092449
as an effect of **accelerated eutrophication.** 086616
Eutrophication of **dam** reservoir at Lubachow 092339
consequences of **eutrophication** of **waters.** 092103

EUXOA
on tobacco seedlings. [**Euxoa messoria**]. 089966

EVAPORATION
Annual evaporation losses from large reserv- 092201
of watershed yields by **evaporation control** in 092091
supply by use of **evaporative suppressants** on 092137
Calculating **total evaporation** for study of irr- 092263
Pattern of free **water evaporation** at Pesha- 092234

EVAPOTRANSPIRATION
Evapotranspiration & **watershed** research as 085870

EVERGREENS
unusual narrow-leaved trees. [**Evergreens**]. 088689
Thyridopteryx **ephemeraeformis, evergreens**] 090114
Guide to **needled evergreens.** [Ornamentals] 088752

EVOLUTION
into general schema of **evolution** of **animal** 091093
on zoogeography, convergent **evolution ant:** 090912
A systematic revision & **evolutionary biology** 090975
Absence of oxygen-**evolving capacity** in dark 087474
Notes on zoogeography, **convergent evolution** 090913
Carbon **dioxide evolution** from two tempera- 091641
Evolution of **ethylene** & tomato fruit ripeni- 088063
Structure & **evolution** of **fungi.** 086482
of photosynthetic **oxygen evolution** by spina- 087968
Phosphorus evolution in a ferralitic soil sub- 091486
Evolution of **plankton** biocenosis of Lake A- 086626
overevolution. [Paleobotany, **plant evolution** 086324
hybridization & **evolutionary relationship** of 087152
variation & **evolution** in **representatives** of 086397
of genus Morpho in **evolutionary time.** 091024
by French foresters in **evolution** of **Turkish** 085852
systematics & **evolution** in **Valerianella.** 087516
of aeration upon **evolution** of **various** bioch- 083528

EWES
SEE SHEEP

EXCAVATION
well-point de-watering in **excavation work.** 091256

EXCHANGE
Management by **exchange.** [Veterinarians]. 084992
structure of macroporous **anion exchangers** 083683
on suitability of potassium-**calcium exchange** 091499
Humus content & cation **exchange capacity** 091702
Cation exchange system of soil. 091621
control in a gas-**exchange cuvette.** [Corn, so- 087723
Results of **exchange** of **experience** on fruit p- 088665
Flexible exchange rates, northern expansion 082420
Relationship between **gas exchange** & accu- 088032
operation on CM-sephadex **ion exchanger.** 082736
Report on 2nd working session: **ion exchange** 091608
study of a zincon **ion exchange** method for 091808
Use of synthetic **ion exchangers** to increase 091976
of electron microprobe to **measure exchange** 089188
Exchange of **potassium** in soils in relation to 091623
Ca [calcium] **exchange properties** of clay in 091606
Exchange of **Zn**, Mn, Cu & Fe in relation to 091605

EXCISION
acid & 14C-sucrose in **excised apple** pedicels 087940
formation of nucleases in **excised Avena** lea- 087913
Patterns of protein synthesis in **excised axes** 088164
Cation uptake by **excised barley** roots from 087660
of larvae of fall armyworm on **excised leaf** s- 090566
Distribution in **excised Lycopersicum** esculе- 088126
on cell cycle kinetics in **excised root** merist- 086708
Manganese absorption by **excised roots** of r- 087644

EXCITATION
plant stem tissues in transfer of **excitation.** 087375
of qualitative evaluation of **excitation** of **cow** 084173
of cattle & effect of **electrical excitation** on 084178

EXCRETION
Variability of **creatinine excretion** in preado- 082905
absorption & **excretion** of **immunoglobulin** I- 084130
to control measures for **livestock excreta** pol- 092301
to control measures for **livestock excreta** pol- 092302
on proportion of urinary **nitrogen excreted** 084202
Nitrogen excretion by growing poultry on ni- 084435
Studies into **oestrogen excretion** of young f- 084889
Penetration, excretion & metabolism of DDT 089979
Phosphate excretion in laying hen (Gallus d- 084269
of gastrin on fecal & **urinary excretion** of w- 084160
Urinary excretion of noradrenaline & adren- 084276
Effect of heat exposure on **urinary excretion** 084277

EXERCISE
Some effects of **enforced exercise** on pigs. 084146
Heart frequency during **standardised exercise** 084368

EXOCORTIS
ribonucleic acid] from **exocortis disease.** [Ci- 089418

EXOCRINE
of calves. collection of **exocrine pancreatic** s- 084104

EXODERMIS
Velamen & **exodermis characters** of West Af- 086391

EXOGENOUS
incorporation from **exogenous compounds** in- 087961
metabolism of some **exogenous cytokinins** in 088250
with an addition of **exogenous enzymes.** 083575

EXOSTOSIS
Multiple **cartilaginous exostoses** in a cat. 085755

EXPEDITION
Gunong **Benom Expedition** 1967. 12. Notes 090912
Gunong **Benom Expedition** 1967. 13. Notes 090913
Fourth expedition to Nicaragua. [Botany]. 086316
University Rolwaling **Himal Expedition,** 19 086329
Third expedition to Nicaragua. [Botany]. 086315

EXPENDITURES
Projections of **household expenditures** in In- 082243

EXPLANTS
Callus formation on tissue **explant derived** f- 088215

EXPLOITATION
Exploitation of **livestock,** a protein source f- 083939
Mechanical exploitation. [Logging]. 086239
ways for their **rational exploitation.** [Recla- 092018
Taungya--exploitation or symbiosis? (with p- 085844
Some aspects of irrigation **work exploitation** 092238

EXPLORATION
Exploratory behaviour & leadership in dom- 084112
Seismic & **resistivity exploration** of soils & 085828

EXPLOSION
quick wetting & subsequent "**explosion**". I. 091589

EXPORTERS
Australia now world's largest **beef exporter-** 082381

EXPORTS
Optimal marketing for **export.** [Dairy prod- 082312
Handling pears for **export.** 082396
Requirements for **export.** [Fruit]. 082480
Handling pears for **export.** 083737
at Swaziland's **export abattoir.** [Animal hea- 082879
Food & **agricultural export** directory, 1973 082477
U.S. **Almond exports** to expand. 082450
Larger U.S. **Exports** of **canned** fruits & vege- 082515
Coffee rust menaces brazil's **chief export.** I. 089068
Coffee rust, a menace to Brazil's **chief expo-t.** 089069
Food & agricultural **export directory,** 1973 082477
U. S. dairy product **exports down** & imports 082516
Exports of **fresh** fruits from OECD-[Organi- 082412
Growing exports of spices to USSR. 082361
Japanese export of mandarin oranges to Ca- 082422
increasing U. S. Soybean & **meal exports.** 082445
Export meat marketing: Australian experien- 082324
U. S. dairy **product exports** down & imports 082516
oilseed output rises in spite of **rains, export** 082382
Marketing & **exportation** of **Scotch** whiskey 082481
Joint marketing **spurs exports** of U.S. Regis- 082371
output rises in spite of rains, **export thrust** 082382
Exports by **Turkish** state monopoly in record 082473
Wheat & change in fashion. [**Exports, United** 082437
economic factors in **export** of **wood** chips fr- 086105

EXPOSURE
different time of **exposure** under **anaerobic** 089293
Argyrotaenia velutinana by **brief exposures** 090690
vaccines against **challenge exposure** to velog- 085266
I. Effect of intensity of **cold exposure.** 083246
sheep before, during & after **cold exposure.** 084276
Effects of **continous exposure** to low concen- 089928
of lauan plywood by **exterior exposure.** [Dip- 086176
of lauan plywood by **exterior exposure.** [Dip- 086183
Effect of **heat exposure** on urinary excretion 084277
after several years of **heavy exposure** in Tex- 089919
Human exposure to organophosphorus pesti- 090346
Effect of alpha-**pinene exposure** on trans-ve- 090750
Effects of **prior exposure** to animate objects 084124
A surgical approach for **repeated exposure** of 085048
Hubner) adults after **exposure** to **sublethal** 090567

EXTENSION
Agricultural extension in Antioquia, Colomb- 081955
On **extension** of **black** pine cultivation in sil- 086060
Possibility to **extend concept** of enterochro- 087204
problems of its **extension** in **cooperative** far- 082132
Refinement & **extension** of **fn**/U:g parameter- 083146
Rice research & **extension** in **Maharashtra** 088453
Extension of **mechanization** essential condit- 091424
study on effectiveness of **extension methods** 081962
in agriculture of village **extension officers** (g- 081906
Extension problems encountered with integr- 081905
A **range extension** & a new synonym for Ast- 086572
aspects referring to **softwoods extension** wit- 086061
farmers towards **extension teaching** methods 081970
tape reinforces learning. [**Extension work**]. 081930

EXTERMINATORS
No-Ratt & Fudrat, new **exterminators.** [Sto- 083176

EXTRACTION
Investigations on **extraction** of **adenosine** tr- 091521
Theological properties of water-**extracted air** 083546
Extraction of **aromatic** & taste substances f- 083840
Estimation of water-**extractable Ca** [calcium 083498
Differential extraction of isoperoxidases fr- 088129
Results of carbon **disulfide extraction** meth- 083628
size of grinded rice & **extraction efficiency** of 090393
activity of some **enzymes extracted** from fro- 083751
Fungal extractives. IV. Structure of a novel 087616
Extraction & **germination** of kadam seed. [086087
on dynamic response of **glycerol extracted** i- 090724
Inhibiting effect of **extractives** of **Larix** lept- 086200
Effect of **lipid extraction** on electron-micros- 087713
from water. 3. Liquid-**liquid extraction** of ph- 089672
Extraction & **methanolysis** of oil from whole 083603
Results of carbon disulfide **extraction meth-d** 083628
Extraction of **nitrate** reductase from leaves 088128
Extraction of **nonprotein** nitrogen from oils- 083552
ammonia on yield & **nutrient extraction** of s- 091804
cerasus L. II. Levels of **extractable para** co- 087932
Extractives in **Pinus** pinaster wood. 086246
method for fiber free **protein extraction** of d- 083791
of oxalate for Fe [iron] **extraction** from **soils** 091559
Solvent extraction of linseed-oil & analysis 083663
Structure, extractives & utilization of bark 086097
Estimation of **water-extractable** Ca [calcium 083498
Theological properties of **water-extracted** air 083546
honey comb & of those **extracted** from **wax** 083202
reconstruction by bees using **wax extracted** 091206

EXTRACTS
hydroxylase activity in **cell extracts** of bludf- 087450
fat or ethyl ether **extract determination** in 082983
studies with **extracts** of **different** adult Culex 090701
dioxide] fixation by cell-**free extracts** of Chl- 086805
of ent-kaurene in cell-**free extracts** of Pisum 088145
maple leaf perforration by **leaf extract** or le- 089335
Differences in anatomy, **plant-extracts,** & m- 089315
for an increase in non-**reducing extract** of u- 083755
Aldrin epoxidation by plant **root extracts.** [088142
oxysporum f. sp. melonis in **soil extract** with 087461

EXTREMITIES
of climate & vegetation of **eastern extremity** 086617

EXTRUSION
Expansion-extrusion processed sorghum gra- 084594
properties of **extruded, texturized** poultry m- 083513

EXUDATES
Endogenous **acidic exudate** from lemon fruit 088237
activity of peritoneal **exudate cells** from mice 085392
Exudative diathesis in poultry. 085681
Zones of **exudation** along **plant** roots & spat- 087467
Soil moisture content & **root exudates** in re- 087401

levels of calcium on **exudation** of **sugars** & s- 087838
from within root to **xylem exudate** of tobac- 087861

EYES
Keep an **eye** on **coffee** leaf-miner in Natal. 089791
of grapevine & number of **eyes** on **grape** yie- 088910
Eye muscle of Calliphora vomitoria L. I. Sp- 090667
Eye muscle of Calliphora vomitoria L. II. T- 090668
Ocular therapeutics. [Dogs, cats]. 085619

EYESPOTS
of resistance of sugarcane to **eyespot disease** 089157
herpotrichoides in culture. [**Eyespot lodging** 089011
incidence of take-all & **eyespot** in **winter** w- 089253

FABACEAE
Karyosystematic & phylogeny in **Fabaceae.** 087137

FABRICIUS
digger wasp Philanthus gibbosus **(Fabricius)** 090448
Fauna catalog of genus **Andrena Fabricius** (090865

FABRICS
fibers as affected by **fabric construction,** pre- 083674
cotton fibers & **fabrics** of **different** construct- 083675
synthetics on future of making **wool fabrics.** 083475

FACTORIES
handling in New Zealand **cheese factories.** 083355
food control in meat & canned **food factory** 082758
drying at "Dunareana" **factory** of **Galati.** 083102
in ponds fertilized with beet-**sugar factory** 087206
Macrobenthos of ponds with **sugar factory** 090871
in ponds fertilized with beet-**sugar factory** 092291
with wastes from beet **sugar factories.** [Pola- 087207
pond polluted with beet sugar **factory wastes.** 087208

FAGACEAE
management in Tyskland. [**Fagus**]. 085950
of amimobenzenesulfonate lignin. [**Fagus**]. 086181
species from an oak forest litter. [**Quercus**] 086680
by Oklahoma oak forests. [**Quercus**]. 088304
litter fall of a coppiced **beech Fagus** sylvatica 086052
oak timber forests. [**Quercus crispula**]. 085967
wood & temperature. [**Fagus, Cupressus**]. 086268
of beech economy. [**Fagus Denmark**]. 086000
stand on coastal dunes. [**Quercus dentata**]. 088267
with Cronartium fusiforme. [**Quercus nigra**] 089216
females & males on **Quercus pedunculata** E- 090102
of five oak species. [**Quercus, Pennsylvanica** 086197
areas of Carpathians. [**Fagus, plant** ecology] 086674
in New Jersey. [**Quercus, porthetria** dispar] 090127
Catechin-dimers in oak bark **(Quercus robur** 088246
contained in oak bark. IV. [**Quercus robur**] 088247
on willow, oak & rose. [Salix, **Quercus, Rosa**] 090143
quercinum in Chriby Hills. [**Fagus sylvatica**] 091663

FAIRS
on subject & problems of th farmers. [**Fairs**] 081952
New design for **fair irrigation** water distribu- 092147
Farm machinery at 75th **Verona Fair.** 091399

FALL
Plant grass in **fall.** [Lawns]. 088707
Oil Chemists' society] 46th **annual fall** meet- 083129
budworm, boll weevil, **fall armyworm,** & tw- 089962
on feeding of larvae of **fall armyworm** on ex- 090566
Spring & **fall freeze** probabilities for Nebra- 089530
based growth substance on **fruit fall** & embr- 088070
in abscission layers occurring in **leaf fall** of 086759
Stand structure & **litter fall** of a coppiced b- 086052
nutrients in forest ecosystem. I. **Litter fall** 086671
Litter fall in a new South Wales conifer for- 088272
patterns in accession of conifer **litter fall.** [091643
in socialist competion for clearing **wind-fall.** 085865

FALLOWING
Production & problems of rice **fallows cotton** 088377
Summer **fallowing helps** establish cottonwo- 088462
Water loss estimates from a **fallow soil.** 091648

FAMILY
business conduct in relation to **family.** 081916
Keeping farm in **family.** 082052
Wise landscaping for **family** use. 088749
north Indian representatives of this **family** 090896
as viewed from **families** of **angiosperms,** & c- 089269
Seven **families** of **aquatic** & semiaquatic He- 090942
New combinations in **Cactaceae subfamily** 086538
Four new species of **family Caligonellidae.** 091035
Family of **Caryophyllaceae** in flora of Centr- 086338
Family & change in European farmer. 081953
observations on **family Delphacidae** with sp- 090882
food) relations in **family Encyrtidae** (Hyme- 090612
parasitic Hymenoptera of **family Encyrtidae** 090613
Rural **family farm** & social policy. 082180
finance for development of **family farms** in 082300
regenerative system for single-**family farms** 092326
Organic **gardening--family**-style. 088761
rule to correct homonymy in **family-group** n- 090916
Towson State **Herbarium family** index. 086519
Fine structure of cortex in **lichen family** Pa- 086826
Danae Medik. & Ruscus L. **(Liliaceae family)** 086776
in a diallel set of **families** of **Lolium** perenne 088419
of Guatemala. IX. 3. Labiatae: **Mint family.** 086441
in Cactaceae **subfamily Opuntioideae.** 086538
of cortex in lichen **family Parmeliaceae** vie- 086826
Agrimonia eupatorium L. **(Family Rosaceae)** 087357
Housing conditions of **rural families** with ch- 081929
Rural family farm & social policy. 082180
Housing conditions of **rural families** with ch- 083008
Tolerance of half-**sib families** of red maple to 089185
algal regenerative system for **single-family** f- 092326
Organic gardening--**family-style.** 088761
Schlegelia costaricensis. A **familial transfer** 086526

FAMINES
a powerful weapon to win war of **famine.** 082118
No, we are not going to **famine.** 082522
a powerful weapon to win war of **famine.** 082561

FANLEAF
Effects of **fanleaf** & **chrome** mosaic virus dis- 089350

FARMERS
Corporation renders service to **farmers.** 081969
New fiscal problems for **farmers.** 082041
Income increases. **[Farmers].** 082192
expenditures in India, 1971--1975. **[Farmers** 082243
Value added tax & **farmer.** 082262
of new farm business directly to **farmers.** 082319
Advising farmers in an advanced agriculture 081932
expectations of **British farmers.** 082598
Participation of **farmers' circle** in organizati- 082162
socioeconomic role of **farmers' circles.** 081980
Farmer cooperatives in fertilizer business. 082186
Legal phases of **farmer cooperatives:** sample 082187
Farmer cooperatives in fertilizer business. 091996
Goals of increasing **dairy farmers'** earnings 082199
Report is a real threat to U.S. **dairy farmers** 082401
Goals of increasing dairy **farmers' earnings** 082199
Family & change in **European farmer.** 081953
for maize & wheat in **farmers' fields.** 091866
standard of living of **independent farmer;** ex- 082026
methods & aids in **influencing farmers** on a- 081962
Farmers--maintain your contoured lands. 092022
What **farmers** are **modern?** 081921
insurance carried by **farmers** in **Oregon.** 082279
Land tenure system of Malay **Padi farmers.** 082046
Plight of Delhi **poultry farmers.** [Outlook]. 082635
Mentha--a new hope for **Punjab farmers.** 088971
Repatriated farmers of North Africa: examp- 081991
of adoption process by **farmers** of **Saft** El-H- 081913
Farmer in **street** traffic. [Agricultural legisla- 082647
on subject & problems of **th farmers.** [Fairs] 081952
of village level workers & **farmers towards** 081970

FARMLANDS
1972 north **Dakota farmland** prices. 082275
brokers in marketing **Illinois farmland.** 082051
Tenanted farmland in demand [Great britain 082045

FARMS
Woman's new place on **farm.** 081993
Who owns Nebraska's **farms?** [Management 082175
Results for selected groups of **farms.** 082278
between diet & milk fever on **farms.** 084706
doses of antibiotics in their feed. III. **Farm** 085490
between diet & milk fever on **farms.** 085524
Paving on **farm.** 091236
in poultry of different methods of **farming.** 084086
Importance of **farm accounting** for farm ma- 082104
Elbaue" Neuhaus, supports **affiliated farms** 082124
Waste removal in large scale **animal farming** 083943
Trace elements in **farm animals.** [Feeding]. 084391
helminthiasis of **farm animals.** 085427
system disturbances in **farm animals.** 085762
under conditions of large-**area farming.** 088327
Ancient methods in **arid farming** & cultivati- 082140
varieties of Mexican wheat on **Basti farms.** 082233
Construction costs of **farm buildings.** 082207
Fires in **farm buildings.** [Livestock housing] 091242
Stressed skin **farm buildings.** 091243
e of Spezia as a part of new **farm business** d- 082319
reference to technical aspects. **[Cattle, farms** 082095
enterprise form in dairy **cattle farming.** 082184
in mechanization of dairy **cattle farms** in R- 082264
enterprise form in dairy **cattle farming.** 084002
Problems of hygiene on **cattle farms.** 091677
Automatic control of **farm channels.** [Irrigat- 092154
Classing farm wool clip. 083484
I. Propostiion for **collective farms** which beg- 082083
of cattle in large-scale **farming conditions.** 084724
Modern **conservation farming.** 092044
Contract farming. 082031
of its extension in **cooperative farms.** [Hung- 082132
of cereal production in **cooperative farm** of 088388
of its extension in **cooperative farms.** [Hung- 088667
Cooperative farm of Vippachedelhausen gains 091857
clear-water sprinkling by **cooperative farm** 091858
Fertilizer experiments on small **cotton farms** 091834
physiology of intensive milk **cow farming.** 085761
socialist intensification of **crop farming.** 082124
Water use by **farm crops.** II. Spring wheat, 087586
*** 087588
Dairy farm expansion. A planning experience 082109
is one way to combat them. **[Dairy farm** ma- 082345
Fly control in **dairy farms.** [Diptera]. 090239
of fluid manure from maine **dairy farms.** 092398
Soil conservation & **dry farming** in Telenga- 092045
Farming economics, 1969/1971 [Income]. 082256
Profitability of **farming** in North of **England** 082278
for management control in **farm enterprise.** 082154
quality control of **farm equipment.** 091313
Dairy **farm expansion.** A planning experience 082109
Rural **family farm** & social policy. 082180
finance for development of **family farms** in 082300
regenerative system for single-**family farms** 092326
Farm financing finesse. [Poultry, Canada]. 082212
patterns, income, & output of **farm firms** in 082211
depend on wood volume of **farm forest,** 1971 085952
Farm fuel shortage. 082542
in mechanisation. **[Farms, Great** Britain]. 091329
Road stabilization in fruit **growing farms.** 088856
Retrospect & prospect on **farming** in **high** al- 082096
Livestock **hill farming.** 082138
changes in demand & supply of **hired farm** l- 082177
Past revisited: living **history farms.** 081888
of substitute labor in **farms & households.** 082090
farmers on adoption of **improved farm** pract- 081962
factors on adoption of **improved farm** practi- 082151
farmers on adoption of **improved farm** pract- 082152
Intensive farming in Te Anau Basin. 082158
Inter-farm specialization in cattle raising in- 082191
Keeping farm in family. 082052
Farm labor situation. 081941
Conditions of **farm & labor** management in 082181
in demand & supply of hired **farm laborers:** 082177
Farm labour, crucial factor. 082107
on method for deciding substitute **farm land.** 082066
On restoration of **farm land** & agricultural i- 082624
interpretation of crops on **farm lands.** 081983
Some aspects of **ley farming** in relation to 088530
to mechanization of labor in **livestock farms** 091281
mathematical planning of **farm machine** de- 091351
Proved successful: operating **farm machinery** 091345
Farm machinery at 75th Verona Fair. 091399
Farm management aspects of complex soil 082091
A **farm management** game for high school s- 082094
of farm accounting for **farm management.** 082104
Production patterns. **[Farm management].** 082135
production. [Poultry **farm management].** 082170
of crop rotation. **[Farm management,** grain] 082182
corresponding measure of **farm management** 082185
to combat them. [Dairy **farm management]** 082345
Evaluation by **farm management,** fattening of 084703
Farm management aspects of complex soil 092014
Training **farm managers** after Dusseldorf m- 081927
fertilizers with & without **farmyard manure** 087811
U.S. competitors in Japan's **farm market.** 082391
Farm mechanisation in context of modern t- 091442
Farm mechanisation, a new dimension to ru- 091443
Farm mechanization in Greece; costs analys- 082296
Experience from State **Farm Murfatlar** in a- 091427
Projections of **farm numbers** & sizes in Sou- 082178
Farm office organisation. 082120
Proved successful: **operating farm** machinery 091345
requirements of selected **farm operations.** 082142
Brown cattle grading on selected **farms over** 084914
of wheat production on socially **owned farms** 082179
resource use relationship of **paddy farms** in 082097
in external transport for **peasant farms.** 082443
A **farming picture:** all-grass wintering in So- 088471
Cost instruction as a basis for **farm planning** 082190
Standards for evaluation of **farm planning** i- 091235
in improving production. **[Poultry farm** man- 082170
of past & present. **[Poultry farming].** 082171
Egg room sanitation. **[Poultry farms].** 083934
of Tinea fuscipunctella on **poultry ranches.** 090246
on adoption of improved **farm practices.** 081962
on adoption of improved **farm practices.** 082151
on adoption of improved **farm practices.** 082152
of EC [Economic Community] **farm price** po- 082376
Cooperation between state & **private farms** 081981
World **farm producers** step up their promoti- 082392
administration in vegetal **production farms** f- 082172
Changes in **farm production** & efficiency; a 082511
Industrial livestock-**raising farms** as a factor 082626
or repaying capacity on **representative farm** 082229
Good irrigation management saves **rice farm** 088502
Showing townsmen **round farm.** 092328
productivity on **farms** in **Saharanpur** & Mer- 082244
Economics of resource use on **sample farms** 082137
Nutrition of cattle in large-**scale farming** co- 084724
clouds & sea: Artificial weather, **sea farming** 092104
Balance sheet of **farming sector,** 1972. 082301
Forest selection, **seed farming** & growing of 086039
Human energy requirements of **selected farm** 082142
to Brown cattle grading on **selected farms** o- 084914
Farm shop facilities for modern machinery 091286
Farming sideline. [Rural recreation]. 082106
capacity on representative **farm situations** in 082229
distribution of number of **farms** by **size,** by 082072
Farm size & resource use relationship of pa- 082097
Farm size & productivity relationship--new 082127
Changes in **farm size** & machinery use: Tria- 091455

Stressed **skin farm** buildings. 091243
nemathodes in pigs in **small farms** in Lodz 085430
Farming as a **social** fulfillment. 081920
Farming in **Southland.** 082157
Inter-**farm specialization** in cattle raising in- 082191
Canonical analysis of **farm staisfaction** data 082004
into practice on a multiple-unit **state farm** at 081982
Main trends in development of **state farms.** 082163
of horticulture production on **state farms** in 082165
effects & social conditions on **state farms** in 082166
of livestock production on **state farms.** 082167
Amortization of fixed assets in **state farms.** 082235
production of slaughter cattle on **state farms** 082626
production, based on data from **state farms** 082627
of dairy cattle industry on **state farms** of Ru- 082666
of feedstuffs produced on **state farm.** 083898
Spanea sheep breeding on **state farms** in D- 084913
Role & participation of **state farms** in plant 087113
Forage problems on **state farms.** 088477
Experience from **State Farm** Murfatlar in a- 091427
Farming as **Stubbs** saw it. [England]. 081925
on method for deciding **substitute farm** land. 082066
of " warehousing model" to **farm supply** sto- 082148
Swine farm of PIK "Sljeme, SSvete, near Z- 084745
profitability of "**Farm tourism**". 082116
Farm tractor costs. 082204
Training farm managers after Dusseldorf m- 081927
irrigation management saves rice **farm water** 088502
sea: Artificial weather, sea **farming, water** d- 092104
irrigation management saves rice **farm water** 092245
Is there still money in **farm woodland?** 085988
Is there still money in **farm woodland?** iI. 085989
Classing **farm wool** clip. 083484
testing planning under **farm-working** conditi- 091456
World farm producers step up their promoti- 082392
Effect of **farm yard** manure on availability of 091696

FARROWING

Farrowing house alternatives. 091252
of sows with short **farrowing intervals,** 084834
Farrowing & nursery building for swine. 091296

FASCIOLA

metabolic antigen activity of **adult Fasciola** 085185
therapy with nitroxynil. [**Fasciola gigantica**] 085528
Metabolic antigen of **Fasciola hepatica** in i- 085187
Resistance of sheep to **Fasciola hepatica:** St- 085301
control agents of **Fasciola hepatica.** 085342
of fascioliasis of cattle. [**Fasciola hepatica,** l- 085557
of proteolytic activity in **Fasciola hipatica.** 085402

FASCIOLIASIS

hepatica in immunodiagnosis of **fascioliasis.** 085187
significance in epidemiology of **fascioliasis.** 085512
Fascioliasis in **cattle** in Malawi: therapy wi- 085528
in control of **fascioliasis** of **cattle.** [Fasciola 085557

FASTING

Effect of length of **fasting** of **bacon** pigs befo- 084693
on erythropoiesis of **fasting poultry** of both 084337

FATAL

Calf diseases can be **fatal.** 085337
differences in expression of **fatal diarrhea** in 083959

FATS

global migration of synthetic matter in **fats** 083057
Studies on Glyceride Structure of **Fats** i: c- 083073
Does honey make you **fat?** 083089
Studies on glyceride structure of **fats.** IV. On 083185
determination of carbonyl compounds in **fats** 083186
centers for research of fats; Institute of **Fats** 083209
Feeds & nutrition. 24. [**Fats**]. 083857
milking sheds on production of milk & **fat.** 084379
Feeds & nutrition. 24. [**Fats**]. 084415
Studies on glyceride sturcture of **fats.** VI. S- 087457
Free **fatty acid** content of cacao beans infes- 083124
of initial stage of unsaturated **fatty acid** aut- 083187
of initial stage of unsaturated **fatty acid** aut- 083188
of initial stage of unsaturated **fatty acid** aut- 083189
Fatty acid content of lipids in meat of fres- 083226
Genetical aspects of **fatty acid** composition 083274
of New Zealand milk fat. I. **Fatty-acid** com- 083308
Fatty acid composition of free, combined & 083589
whole or crushed rapeseed for **fatty acid** ana- 083603
of several foliar fungicides on **fatty acid** co- 083774
vitro conditions. 4. Protein & **fatty-acid** pro- 084061
osmolality & volatile **fatty acid** changes in c- 084113
C10) triglycerides & odd-chain **fatty acid** (084162
of nutrients & VFA [volatile **fatty acid**] pro- 084203
Effect of barley in broiler diet on **fatty acid** 084608
A note on genetic variation in **fatty acid** co- 084770
Genetical aspects of **fatty acid** composition 084814
Fatty acid profiles from maize scutella: a n- 087059
Fatty acid synthetase activity in Euglena gr- 087268
Enzymatic synthesis of a hydroxy **fatty acid** 087679
of several foliar fungicides on **fatty acid** co- 089106
Free **fatty acid** content of cacao beans infes- 089107
Ethyl esters of rum higher **fatty acids.** 083013
Fatty acids of seed oil from fruits of Opuntia 083028
Chrysalis oil, cholesterol, **fatty acids** & ami- 083205
On composition of **fatty acids** in soft cheeses 083332
Component **fatty acids** of chaulmoogra oil. 083616
Utilization of volatile **fatty acids** & glucose 084102
Response of plasma glucose, free **fatty acids** 084107
antibiotics on ruminal volatile **fatty acids** in 084185
Blood glucose level & volatile **fatty acids** in 084191
Gas chromatography of C1 to C5 **fatty acids** 084225
of non-random associations of **fatty acids.** 084229
Absorption & secretion of **fatty acids** & bile 084261
nitrogen fractions & total volatile **fatty acids** 084544
of dietary nitrogen on volatile **fatty acids** in 084549
Blood glucose level & volatile **fatty acids** in 084551
postprandial plasma volatile **fatty acids,** glu- 084596
on hydrogenation of unsaturated **fatty acids** 084606
on hydrogenation of unsaturated **fatty acids** 084609
Use of synthetic **fatty acids,** their sodium so- 084684
of Geotrichum candidum for **fatty acids.** 087457
Branched **fatty acids** in two Abies species. 088288
of short & medium even-chain **fatty acids** (084162
Chlorinated long-chain **fatty acids.** Their pr- 086207
with regard to biosynthesis of **fatty acids.** 088234
Basal lamina of white **fat adipose** cell & its 084021
Effect of **animal fats** on growth of chicks. 084545
DNA content in varies & **fat body** of Pyrrh- 090430
Some aspects of regulation of **fat body** lipol- 090697
changes during cell death in larval **fat body** 090711
protein pattern of haemolymph & **fat body** in 090843
Branched fatty acids in two Abies species. 088288
oil soapstock on performance, **carcass fat** & 084465
C8 & C10) triglycerides & odd-**chain fatty** a- 084162
Chlorinated long-**chain fatty** acids. Their pr- 086207
Fatty change in skeletal muscle fibers in sta- 084278
of polychlorinated biphenyls in **chicken fat** 082680
of polychloric insecticides in **fat** of **chickens** 082849
Chrysalis oil, **cholesterol, fatty** acids & ami- 083205
Component fatty acids of chaulmoogra oil. 083616
Indentification of "non-**fat components**" in i- 083353
Studies on behaviour of **fat constituents** dur- 083652
Studies on behaviour of **fat constituents** dur- 083653
p-dioxin in cooked **fat containing** actual & f- 082682
seasonal effects on solids-non-**fat content** of 084542
tetrachlorodibenzo-p-dioxin in **cooked fat** c- 082682
chemical composition of **fat** in **cotton** leafwo- 089892
Crude fat or ethyl ether extract determinati- 082983
on storage properties of a low-**fat dairy** spre- 083277
of dietary vitamin E & **fat** on **depletion** of a 084729
finishing period on growth, **fat deposition** & 084604
E on oxidative stability of porcine **depot fat** 084582
Body composition & **fat depot** weights of ra- 084595
other **fatty diamines** in oil films & water di- 090249
Influence of **dietary fats** upon carcass lipid 084576
Effect of change in type of **fat** at **differnet** c- 082947
Comparison of muscle & **fat distribution** in 084490
A study on **edible fats** prepared fro Greek a- 082748
Lamb-feeding experiment with **fat-enriched** 084615
An Italian review of **fats, fat** products & pro- 083210
Free fatty acid content of cacao beans infes- 083124
Response of plasma glucose, **free fatty** acids 084107
Free fatty acid content of cacao beans infes- 089107
Origin of milk **fat globule.** 083300
Relationship of milk **fat globule** membrane 083316
by means of filtration of **fat grannules.** Ii. F- 083329
diet during finishing period on **growth, fat** d- 084604
Biological effects of **heated fats.** [Human nu- 082970
permeation chromatography of **heated fats.** 083602
Ethyl esters of rum **higher fatty** acids. 083013
Enzymatic synthesis of a **hydroxy fatty** acid 087679
Oils & **fats--important** source of raw materi- 083052
changes during cell death in **larval fat** body 090711
Enrichment of low **fat market** milk with D v- 083291
Torula supplemented with **fat & methionine**) 084707
of chlorinated pesticides in **milk, fats** & oils 082873
investigation of composition of **fats** in **milk,** 082946
determination of iodine numbers of **milk fat** 083270
aspects of fatty acid composition of **milk fat** 083274
Biochemistry of synthesis of **milk fat.** 083283
Phase changes of **milk fat** in preparing & c- 083297
Origin of **milk fat** globule. 083300
Triglyceride structure of **milk fats.** 083302
thermal properties of New Zealand **milk fat** 083308
Relationship of **milk fat** globule membrane 083316
Composition & properties of cow's **milk fat** 083360
amounts of dietary tallow on **milk-fat** secret- 084584
aspects of fatty acid composition of **milk fat** 084814
Composition & properties of cow's **milk fat** 085466
of chlorinated pesticides in **milk, fats** & oils 090381
Contribution to knowledge of **fatty oil** of al- 088206
of oxidized acids occuring in **fats & oils.** IV. 083207
A study on edible **fats prepared** fro Greek a- 082748
Vegetable **fat products** based on palm oil. 083193
An Italian review of fats, **fat products** & pro- 083210
Methylating of unsaturated & **saturated fats** 083057
of dietary tallow on milk-**fat secretion** in cow 084584
Study of mowrah butter (**seed fat** of Manhu- 083093
of edible tallow fractions for **specialty fat** u- 083457
evaluation of meatiness & **fattiness** of **swine** 082784
Use of **synthetic fatty** acids, their sodium so- 084684
Contribution of lean & **fat tissues** & their ra- 083446
kinetik of initial stage of **unsaturated fatty** 083187
kinetic of initial stage of **unsaturated fatty** 083188
kinetic of initial stage of **unsaturated fatty** 083189
seed on hydrogenation of **unsaturated fatty** 084606
diet on hydrogenation of **unsaturated fatty** a- 084609
Vegetable fat products based on palm oil. 083193
Utilization of **volatile fatty** acids & glucose 084102
concentration] osmolality & **volatile fatty** ac- 084113
feeding antibiotics on ruminal **volatile fatty** 084185
Blood glucose level & **volatile fatty** acids in 084191
of nutrients & VFA [**volatile fatty** acid] pro- 084203
on nitrogen fractions & total **volatile fatty** a- 084544
sources of dietary nitrogen on **volatile fatty** 084549
Blood glucose level & **volatile fatty** acids in 084551
between postprandial plasma **volatile fatty** 084596
Basal lamina of **white fat** adipose cell & its 084021

FATTENING

characters of beef cattle during **fattening.** 4. 084159
Raising & **fattening** of **beef** cattle. 9. 083923
mixtures with cane sugar in **broiler fattening** 084452
mixtures with cane sugar in **broiler fattening** 084453
of glypondin in pig & **broiler fattening.** 084736
on course of growth phases of **fattening bull** 084306
technique concerning **bull fattening** on pastu- 084704
of carcas analysis of **fattening bullocks.** 083494
Carcass value of **fattened bullocks** of Bohem- 083495
of carcas analysis of **fattening bullocks.** 084737
Carcass value of **fattened bullocks** of Bohem- 084738
Large-**capacity fattening** plant AT-type for 084642
sows on fertility & **fattening capacity** of pro- 084667
Large-**capacity fattening** plant AT-type for 091283
rational feeding of dairy & **fattening cattle.** 084515
of Spych in matter of **fattening cattle.** 084679
rations containing urea for **fattening cattle.** 084691
for cattle reproduction & **fattening centres** 084888
terminal phase of **fattening** in **cooperative** p- 085549
Studies into vitaminization of **fattening feed** 084645
on performance of **growing--fattening** pigs. 084397
energy in rations for **fattening Holstein** bulls 084492
wastes as a supply for **increasing fattening** of 084732
of broilers in course of **industrial fattening** 085429
Evaluation by farm **management, fattening** of 084703
of growth hormone on **fattening performance** 084138
of free housing on **fattening performances** of 083993
rapeseed oil meals for **fattening pigs.** 084683
synthetic amino acids in **fattening pigs.** 084684
potatoes by dried potatoes in **fattening pigs** 084685
Large-capacity **fattening plant** AT-type for 084642
in course of industrial **fattening process.** 085429
pelleted rations for growing-**fattening sheep** 084570
Fattening swine with skim milk, whey & bu- 084519
Amino acid requirements of **fattening swine** 084638
weight development in **fattening young** bulls 084520

FAUNA

Physico-chemical conditions, flora & **fauna.** 086454
fischerellum Tr.--new moth for our **fauna.** 090988
Physico-chemical conditions, flora & **fauna.** 092114
Coleoptera) **fauna** of **Afghanistan.** 090943
Ant fauna of nature protection area in Rete- 091050
Bee fauna of Macedonia. (Colletidae. Andre- 090900
apple orchards: Promoting **beneficial fauna** 090010
Fauna catalog of genus Andrena Fabricius (090865
Cavernicolous fauna of Hawaiian lava tubes, 091019
Cavernicolous fauna of Hawaiian lava tubes, 091020
Influence of pesticides on **crop fauna** occurr- 090020
pests in Minnesota. Based on **faunistic host** 090053
of action of birds on **insect fauna** of forest & 089792
Distribution of **insect fauna** & foodchains in 090562
Origin of **insect fauna** of Bonin Islands from 091013
Colombian **Membracidae fauna.** 2. genus Sp- 090940
Membracidae fauna of Colombia. 1. Genus 090971
Dynamics of **nematode fauna** of potatoes & 089577
Nematode fauna of carrots & onions. 089578
a preliminary survey of **fauna, notes** on relat- 091033
of pesticides on crop **fauna occurring** above 090020
Prototrupoidea fauna of Mongolia (Hymeno- 090874
high levels of inorganic lead on **soil fauna.** 090369
Introduction to **faunistic study** of Diptera in 090453
Perspectives on **faunistic surveying** of Finla- 091044
On **torymid-fauna** of Mongolia (Hymenopte- 090875

FEATHERS

studies on goose down. [**Feathers**]. 083483
Control of **feather mite** Megninia columbae 090273
Pterodectine **feather mites** of hummingbirds: 090241

FECES

Examination of **feces** for **detection** of parasi- 085591
research of eggs of parasites in **pig faeces.** 085222
enteroccoci strains (**Streptococcus faecalis** 082875
Influence of gastrin on **fecal & urinary** excr- 084160

FEED

selected areas pertinent to **feedstuffs.** [Aflat- 083855
assay of spectinomycin in **feed:** collaborative 083865
Progress in grass conservation. [**Feed**]. 083874
drying & processing of straw for **feed.** 083876
Estimation of structural substances in **feeds** 083904
predried on field, with unheated air. [**Feed**] 083906
Behaviour of steers & bulls in **feedlot.** 084149
value of proteins for beef cattle. [**Feed**]. 084402
urea fermentation potential of **feeds.** 084412
iron through variable copper supply. [**Feed**] 084434
of dairy cow & mineral composition of **feeds** 084450
Large scale meat production. [**Feedlots**]. 084627

Food from sewage? It can be done. [**Feed**]. 084727
nutritive doses of antibiotics in their **feed**. I- 085490
selected areas pertinent to **feedstuffs**. [Aflat- 085771
Bairam-Ali District of Turkmen SSR.[**Feed**] 088958
Food from sewage? It can be done. [**Feed**]. 092465
of drying process of sugar beet pulp. [**Feed**] 083878
hydrocarbon pesticide residues in **feed**. 090385
equipment type SMT Gottlob 58. [**Feed**]. 091419
Diptera: Stratiomyidae) as a **feed additive** f- 084517
experimental data. [**Feed additives**, hormon- 082796
for animal drugs & other **feed additives**. 082798
of mineral substances. [**Feed additives**]. 083873
experimental data. [**Feed additives**, hormon- 083881
for animal drugs & other **feed additives**. 083882
of mineral substances. [**Feed additives**]. 084475
Use of synthetic **feed additives** in livestock 084484
Payzone for slaughter swine. [**Feed additives**] 084630
in feed of slaughter swine. [**Feed additives**]. 084634
Can we tolerate antibiotics in **animal feeds**? 084631
Feedlots in **Australia**. [Beef trade, Japan]. 082380
into consideration phenomenon of **feed-back** 090112
Peas (Pisum) as **feed** for **bacon** pigs; dehull- 084479
nitrogen & irrigation on yield of **feed barley** 088354
More & **better feed** by pelleting whole plant 083885
of gilts from **feedlots** for **breeding** piglets. 084950
of supplementation of **carbohydrate feeds** to 084543
Beef **cattle feedlot** management in United S- 083925
evaluating protein nutrition of **feedlot cattle** 084412
centrifuge underflow as a **cattle feedstuff**. 084529
pulping waste shows potential as **cattle feed** 084531
ammonium sulfate in **cattle feedlot** finishing 084563
theory & application. [**Feedlots, cattle**]. 084574
feeding of nutrient slurry to **feedlot cattle** a- 084716
Commercial feeds in Kentucky, 1972. 083887
Inspection of **commercial feeds**. 083902
Complete feeds for dairy herd replacements 084648
Anatomy of **compound feed** industry. 1. Uni- 083892
fattening of bulls with **concentrated feed**. 084703
cattle. I. Weight gain, **feed consumption** , b- 084879
ascorbic acid on body gain & **feed conversion** 084341
Gain, **feed conversion** & carcass traits of sw- 084580
Correct feed management--better economics 084673
average milk yield & income over **feed cost** 082247
Economise on **costly feed**. [Chickens]. 084672
young bulls on rations of **cotton feeds**. 084537
Benzene hexachloride] in milk. [**Feed, cows**] 082890
soy sauce residue & its use as **feed** for **dairy** 083859
Growth of poultry by **feeds destined** for catt- 082700
insulin levels in sheep fed **different feeds**. 084596
in quality caused by too hot **feed drying**? 083893
on growth, fat deposition & **feed efficiency** of 084604
paste as a vitamin supplement to **feed** of **egg** 084538
Studies into vitaminization of **fattening feed** 084645
Quality of **fermented feed**. 083889
Nitrogen in **feed** & **fertilizer**. 083866
Feeds, fertilizers, pesticides, 1972 report. [I- 082856
ammonium sulfate in cattle **feedlot finishing** 084563
economic effectiveness of **feeds** in **fish** meat 083914
Microbial protein production. [**Feed, food**]. 083183
Feed formulation for piglets. 084699
Gain, feed conversion & carcass traits of sw- 084580
Brown Alpine cattle. I. Weight **gain, feed** c- 084879
Effects of time **feed given** on diurnal feeding 084607
outlook: 1973 Canada; wheat **feed grains**. 082548
for production of a high value **grass feed**. 088510
Damages in quality caused by too **hot feed** 083893
Medicinal **feed importance** & use. 084644
its application in grain & **feed industry**. 1. 083648
its application in grain & **feed industry**. 2. 083650
Analysis of mixed **feed industry** of Great Br- 083886
Anatomy of compound **feed industry**. 1. Uni- 083892
soaked & dry wheat straw on **feed intake**, d- 084203
dietary magnesium on voluntary **feed intake** 084589
Effect of stable flies on **feed intake** & milk 090252
on livestock nutrition & **feeds** in **Japan**. 083860
losses during transportation of **liquid feeds** a- 083912
grass seed residue to Japan. [**Livestock, feed**] 082446
Beef cattle **feedlot management** in United S- 083925
Correct **feed management**--better economics 084673
Critical supply situation of **feed market**. 082425
Feed market with special line of sight on cl- 082478
Medicinal feed importance & use. 084644
for dairy cattle & swine **mixed feed**. 082478
Use of suitable **mixed feed** to improve sprea- 083268
Analysis of **mixed feed** industry of Great Br- 083886
moisture & other ingredients to **mixed feed** 083895
Use of suitable **mixed feed** to improve sprea- 084482
influence upon gains & **feed mixture** convers- 084452
doses supplemented to **feed mixtures** with c- 084453
threonine & lysine to **feed mixtures** for broi- 084455
Evaluation of **feed mixtures** for calves. 084687
Effectiveness of using **feed mixtures** in ratio- 084697
findings in broilers fed a **feed mixutre** with 084458
with reference to **national feedstuff** valuation 084508
influencing conversion of **feed-nutrients** with 084613
Feeds & **nutrition**. 24. [Fats]. 083857
herd average milk yield & income **over feed** 082247
Polyploids of **perennial feedstuffs**. XXII. Co- 087126
breed crosses in swine: **feedlot performance** 084850
Green forage harvest & **feed preservation**. 083869
Feed prices high? Here is one way to comb- 082345
can help stabilise **feedstuff prices**. 082434
of hammer mills MC-3. [**Feed, processing** e- 091417
to preservation of **feedstuffs produced** on sta- 083898
process for scp. [microbial **protein, feed** sup- 083900
Yield capacity of pastures & **feed quality** in 084731
Effects of cutting date on **feed quality** & yie- 088393
with & without fish flour in **feed rations**. 084620
Zebu cattle. Quality of **feed** & **reference** base 084567
carbohydrates from **feed** on **reproduction** of 084715
shows potential as cattle **feed resource**. 084531
of dietary protein level & **feed restriction** on 084565
wood pulp as **feedstuff** for **ruminants** & subs- 083880
bacitracin & nitrovin in **feed** of **slaughter** sw- 084634
with growth regulators in **feed** of **slaughter** 084635
Soya substitution can help **stabilise feedstuff** 082434
of staple foods & **feeds** during **storage**. II. C- 082956
of staple foods & **feeds** during **storage** under 083136
of staple foods & **feeds** during **storage**. II. C- 083883
for scp. [microbial protein, **feed supplement**] 083900
Feed supplements for goats on pasture. 084628
Inspection of **swine feed**. 083908
Sweetpotato as **feed** in **swine** raising. 084473
Approved additives for **swine feed**. 084633
Antibiotic tylan in **feed** of **swine** & preventi- 085544
Use of **synthetic feed** additives in livestock 084484
Effects of **time feed** given on diurnal feeding 084607
measures of size, shape & **feedlot traits** in y- 084214
potassium content of **feeds** of **Tunisian** origin 084712
weight at slaughter on **feed utilization** of int- 084425
of carbadox on growth & **feed utilization** of 084646
with reference to national **feedstuff valuation** 084508
Feed value of summer crop of forage grasses 083862
age & dietary magnesium on **voluntary feed** 084589
corn steep liquor as food or **feed** & its **waste** 083178
Bright future of **feed** & **weed**. [Fertilizers, h- 089633
outlook: 1973 Canada; **wheat feed** grains. 082548
Efficacy of levamisole in-**feed wormer** against 085569
pesticide residues in commercial **zoo feeds**. 090355

FEEDBACK

Feedback controlling oxygen production in 087273

FEEDING

Trace elements in farm animals. [**Feeding**]. 084391
in animal husbandry. 21. [**Feeding**]. 084414
in boars, barrows & gilts. [Effects of **feeding** 084490
New news on **feeding**. [Cattle]. 084522
as related to period of lactation & **feeding**. 084585
by in vivo & in vitro methods. [**Feeding**]. 084600
in India with special reference to **feeding**. 084643
of requirement of lysine. [**Feeding**]. 084692
milk output & weight gain of cattle. [**Feedi-g** 084539
Magnets **activate feeder** for top-producing c- 084664
light periods on diurnal **feeding activity** of l- 084279
cattle houses under conditions of **feeding ad** 091304
Feeding advisory service as a means to incr- 083267
Effect of **feeding** of **alfalfa** meal on perform- 084666
Significance of protein in **animal feeding**--po- 084511
skim milk & butter-milk in **animal feeding**. 084680
pollution control bill on **animal feeding** indu- 092299
Effect of **feeding antibiotics** on ruminal vola- 084185
Feasibility of **backgrounding feeder** calves in 082277
Effect of **feeding barley** at different moisture 084493
Feeding behaviour of predatory mite Acarop- 090198
Some observations on **feeding behaviour** of t- 090284
of cotton leaves in **feeding behaviour** of Spo- 090712
Feeding behaviour of predatory mite Acarop- 090725
replacement beef heifer. [**Breeding, feeding**] 083969
soybean meal, used in **feeding** of **broilers**. 084436
Feeding of **broilers** with arsanilic acid; gain 084530
biochemical findings in **broilers fed** a feed m- 084458
Chiana & Chiana X Friesian young **bulls fed** 084405
Buying, feeding, selling: how small cattle fe- 082174
Feasibility of backgrounding **feeder calves** in 082277
volatile fatty acid changes in **calves fed** inte- 084113
Feeding calves with milk powder in Italy. 084536
Feasibility of backgrounding **feeder calves** in 084651
present during **feeding** of some **categories** of 084395
feeding, selling: how small **cattle feeders** are 082174
management practices of Texas **cattle feedi-g** 082299
a marketing tool for Western **cattle feeders** 082332
antibiotic residues in meat. [**Cattle, feeding**] 082757
of products: Fosfarsol plus. [**Cattle, feedings** 084449
by means of urea in **feeding cattle**. 084527
of net energy systems. [**Cattle, feeding**]. 084575
on uric acid synthesis in **chickens fed** high 084599
liver cholesterol levels in **cholesterol-fed** rats 082915
Protein required in starters for **claves fed** m- 084593
of adult human subjects **fed combinations** of 082906
animal origin through **feeding** with **conscious** 083166
pigs with early weaning. [**Feeding, costs**]. 084696
to rationalization of **cow feeding** labor oper- 082087
butter quality in relation to **feeding cows** pe- 083389
of digesta in reticulo-rumen of **cows fed** once 084103
butter quality in relation to **feeding cows** pe- 084733
of postpartum period in dairy **cows fed** diffe- 084735
Creep feeding makes money!. 084640
production. II. Care & **feeding** in **dairy** cows 082173
Feeding of **dairy** cow & mineral composition 084450
Problems of **feeding dairy** cattle in intensive 084513
in corn silage & effects of **feeding dairy** cows 084586
Essentials of **feeding dairy** cattle. 084675
of rats as influenced by ration **fed dams** dur- 084595
Demand feeding trials with mixed litters & l- 084663
insulin levels in sheep **fed different** feeds. 084596
acids in liver & muscle of rats **fed different** 084720
period in dairy cows **fed different** types of r- 084735
indica when enticed to a **feeding dish**. 091166
of daily light periods on **diurnal feeding** acti- 084279
Effects of time feed given on **diurnal feeding** 084607
Effect of level of **feeding** of **dried** grass on m- 084423
potatoes & rapeseed meal in **duck feeding**. 084653
Gossypol & its **feeding effects** on hens. 084427
Effect of **feeding ergot** to gilts during early 084468
weaned, whereby ewes are **exclusively fed** on 084612
Lamb-**feeding experiment** with fat-enriched 084615
following growth. [**Flavomycin, feeding**]. 084558
season control of several **foliage-feeding** tob- 089967
Feeding & **food** requirements of cabbage ma- 089993
Force-feeding of nutrient slurry to feedlot c- 084716
by growing poultry on nitrogen-**free feeding** 084435
Feeding gin trash to beef cattle. 084647
Flavomycin in **grain feeding** of young bulls. 084622
nutritional implications of **group-feeding** hill 084424
upon performance of ruminants **fed high** corn 084568
on uric acid synthesis in chickens **fed high** 084599
nutritional implications of group-**feeding hill** 084424
possibilities of **feeding** & **husbandry** of cattle 084006
practices of Texas cattle **feeding industry**. 082299
control bill on animal **feeding industry**. 092299
genetic origin, disproof of **feeding influence** 083393
Bionomics & control of root **feeding insect** 089776
fatty acid changes in calves **fed intensively** 084113
on feed utilization of **intensively fed** lambs. 084425
to rationalization of cow **feeding labor** oper- 082087
urine magnesium in **underfed lactating** goats 084192
Lamb-feeding experiment with fat-enriched 084615
on feed utilization of intensively **fed lambs**. 084425
Effect of crop fertilizer on **feeding** of **larvae** 090566
thyroid gland in White Leghorn **layers fed** s- 084554
Progress in **feeding laying** hens. 084626
synthetic feed additives in **livestock feeding** 084484
of information retrieval in **livestock feeding** 084734
Effect of **feeding lysine** in solution to growi- 084583
Swine: **feeding** & **managing** gestating sows. 084785
Comparison of suitability of **feeding manger** 091304
yeast culture in diets for **mechanically-fed** n- 084578
Influence of **feeding** on **midgut** protease acti- 090643
About protein level in **feeding milk** cows. 084471
bred calves. 1. Effect of limited **milk feeding** 084541
required in starters for claves **fed milk** once 084593
Iron-deficiency anemia in **mink fed** raw mar- 085673
quality of beef from steers **fed moisture** trea- 082725
Electronic recordings of **feeding motions** & 090644
in diets for mechanically-**fed neonatal** piglets 084578
Microdistribution & **feeding** of **net**-spinning 090759
digesta in reticulo-rumen of cows **fed once** d- 084103
Observations on ontogeny ot **feeding** respon- 084470
groups & two levels of **feeding** on **ovulation** 084840
time feed given on diurnal **feeding pattern** of 084607
Pellet feeding of swine. 084700
Effects of a self-**fed pelleted** mixtures of hay 084588
Feeding of **pellets**, cobs & briquettes. 084629
Effects of **feeding peptide**-precipitating ligno- 084388
Pig feeding during different stages of growth 084438
piglets & early growing self-**fed pigs**. 084578
Feeding possibilities in nine illustrated phot- 091148
of protein in animal **feeding**--**possible** ways 084511
in connection with **poultry feeding**. 084725
in assay diets & influence of **pre-feeding** pro- 084610
A **feeding program** for summer. [Dairy cattle 084393
diets & influence of pre-**feeding program**. 084610
performance of bulls & heifers **fed purified** 084571
weights of rats as influenced by **ration fed** d- 084595
Technique in **rational feeding** of dairy & fat- 084515
cholesterol levels in cholesterol-**fed rats**. [H- 082915
composition changes in mature **rats fed** a cel- 082944
fed dams during lactation & that **fed rats** af- 084595
of amino acids in liver & muscle of **rats fed** 084720
Iron-deficiency anemia in mink **fed raw** mar- 085673
acids & triglycerides to starving & **re-feeding** 084107
poultry on nitrogen-free **feeding regimen**. 084435
on ontogeny ot **feeding response** to beta adr- 084470
Effect of **feeding restricted** amounts of a me- 084604
Effect of **feeding restricted** amounts of a me- 084605
Effect of **feeding roasted** soybeans on cured 082800
Bionomics & control of **root feeding** insect 089776
sulfate upon performance of **ruminants fed** h- 084568
Effect of long period of **feeding safflower** oil 084609
gland in White Leghorn layers **fed salseed** c- 084554
neonatal piglets & early growing **self-fed** pigs 084578
Effects of a **self-fed** pelleted mixtures of hay 084588
Buying, **feeding, selling**: how small cattle fe- 082174
Pros & cons on separate **sex feeding** of broi- 084418
acids, glucose & insulin levels in **sheep fed** d- 084596
Mechanized **silage feeding** from horizontal s- 084486
Feeding sites of mealy plum aaphid, Hyalop- 090090
requirements & level of **feeding sow**. 084403
Eating quality of beef from **steers fed** moist- 082725
Feeding studies with ethephon growth regul- 090348
Additives in **feeding stuffs**-- EEC's [European 082612
balances of adult human **subjects fed** combi- 082906
toxicity" in Cuba. [Beef, **Sugarcane, feeding** 084698
of cottenseed meal in **swine feeding**. 084416
feed conversion & carcass traits of **swine fed** 084580

Silage storage & **feeding systems.** 083896
a theory on **feeding** by this **tick.** 090550
control of several foliage-**feeding tobacco** in- 089967
month old lambs production; **feeding trials** 084404
How should **feeding trials** be evaluated? [P- 084510
Demand **feeding trials** with mixed litters & l- 084663
Feeding turkeys for meat production. 084524
by ruminants. 2. Effect of **feeding urea** & a- 084556
Feeding value of food waste products & their 084419
Feeding value of food waste products & their 084420
Feeding value of high moisture chemically p- 084495
ecological conditions on **feeding value** of win- 091977
Feeders voice mixed emotions over proposed 082727
Effect of **feeding water**-soaked & dry wheat 084203
Copper metabolism in young **women fed** two 082909

FEES

of airtight silos. 1. [Structure, **fee ds**]. 083858
of Dichaena Fr., **Heterographa Fee**, Polymo- 086403
Crop pollination by bees & **pollination fees** 091087

FELIDAE

chemical findings of blood in **Felidae.** [Cats] 084081
Structure of **felidae hemoglobins** & response 084127

FELINE

dextran on infectivity of a **feline calicivirus** 085244
Feline cystitis, urethritis, urethral obstructi- 085607
Feline dermatomycosis: A review & case stu- 085506
cases of feline leukemia & **feline infectious** 085212
Feline neurology. 084996
Feline perineal urethrostomy using Wilson 084995
as a therapeutic agent in **feline urolithiasis.** 085719

FEMALE

gestation & milk production of **females.** 084571
Sex attractiveness of **adult female** elder sho- 090033
as a function of age in **female Aedes** taenior- 090641
cycle & gestation period of **female Angora** g- 084748
of serum proteins of normal **female asses** (E- 084063
oestrogen excretion of young **female cattle** a- 084889
in germ cell nuclei of **female chicken** embryo 084182
stridulation by **female Dendroctonus** beetles 090694
Female dimorphism in honey-bee larvae with 091173
Development of **female Drosophila** reproduc- 090596
of second pair in **females** of **Drosophila** mel- 090825
Sex attractiveness of adult **female elder** sho- 090033
Effect of age of **female** on **fertility** of Zebu 084944
Chrysopidae: Neuroptera) **females** in **field.** 090514
development of **female gametophyte** of Hal- 086773
secretion in **female genital** system of Pimpla 090848
fluid in accessory gland of **female genital** or- 090857
segregation in **females** of **grasshopper** Mela- 090518
Infertility in **female guinea** pigs injected wi- 084797
Morphogenesis of **female inflorescence** of L- 086777
Functional castration of **female Japanese** qu- 084897
patterns of puffs in male & **female larval** po- 090508
Brief description of **female** of **Letys** orcynia 090962
I of Biorhiza pallida Ol. **females** & **males** on 090102
Reproductive status of **female mink,** Mustela 084869
of serum proteins of **normal female** asses (E- 084063
on size distribution in **outdoor female** worke- 090835
Development of **female ovule** of olive flower 086779
ovulation & to obtain ova in **female pigs** of 084808
Infertility in **female rabbits** immunized with 084927
concentrate on reproduction in **female rat.** 084661
Sperm utilization in **female red** cotton bug. 089923
Studies on pathology of **female reproductive** 085364
influence of **females** on **spacing** of males in 090471
Female specific proteins in Triatoma infesta- 090691
Use of **sterile females** for control of tick Ar- 090243
baited simultaneously with **virgin females** of 089916
size distribution in outdoor **female workers** 090835
Chaetology differences in **female workers** of 091052
into oestrogen excretion of **young female** cat- 084889

FEMUR

in females of grasshopper **Melanoplus femur** 090518
temperature & X-rays. [**Melanoplus femur-r-** 090629

FENCES

Bamboo **concrete fence** posts. 091270
What can be improved on an **Electro fence** 091278
Fences have many **functions.** 091263
How to build a **strong fence.** 091279

FENITROTHION

of chlorfenvinphos & **fenitrothion sprays** for 089854

FENS

Microlepidoptera of Wicken **Fen supplement** 090909

FERMENTATION

Rumen Protozoa big bugs. [**Fermentation**]. 084129
preserved by lactic **acid fermentation.** 083731
niger & on citric **acid fermentation.** 087598
Coffee fermentation technology. 083049
Quality of **fermented feed.** 083889
from brewing & **fermentation industries.** 092390
Fermentation industry--pharmaceuticals, co- 092444
method for preparation of **lactic ferments.** 083333
nitrogen losses during **manure fermentation** 091975
acids in rumen fluid & **fermentation media.** 084225
an addition of **fermentative microorgamism** 083607
protein & urea **fermentation potential** of fee- 084412
amines during **fermentation** of **sauerkraut.** 083762
A **sensitive fermentation** test for discovery of 083816
colza cake during **fermentation** in **silos.** 083903
of aflatoxin during **fermentation** of **soy** sauce 082675
acid contents of some **fermented soybean** pr- 082999
Biochemistry of **tea fermentation:** oxidative 083126

FERNS

Observations of hypodermises of **ferns.** 086706
amylase activity of intact **fern Gametophytes.** 087632
Fancy foilage of **indoor ferns.** 088737
in herbarium specimens of **large ferns.** 086278
Lipid metabolism in **fern Polypodium** vulgare 087483
Ever hear of **staking ferns?** [Pteridophyta]. 088641

FERREDOXIN

study of reduction of **spinach ferredoxin.** 088042

FERRIC

Characteristics of **humo-ferric,** luvisolic, & li- 091549

FERRITIN

Serology of **ferritin-antiferritin** system: Imp- 085227
Rapid induction of **ferritin** in **laboratory** an- 084310

FERTILITY

impregnation of sows & on their **fecundity.** 084746
Embroynic Death & **Infertility**]. 085425
Dietary factors **affecting fertility** & hatchabi- 084411
to knowledge of **fertility** of **boars** in industri- 084959
on calcium, phosphorus & **fertility** in **cattle** 084783
Fertility in **cattle.** 084939
Fertility content of fluid manure from maine 092398
on blood picture & **fertility** of **cows** with ret- 084354
Fertility of **cows** & relationship to resistance 084969
on blood picture & **fertility** of **cows** with ret- 085760
Dairy fertility study. 084803
Restoration of **fertility** in **double** cross hybr- 087091
Fertility & embryo survival after administra- 084928
Estimating fruitfulness of grapevine buds by 088928
on development & **fecundity** of **Euborellia** a- 090794
to pregnant sows on **fertility & fattening** ca- 084667
Infertility in **female** guinea pigs injected wi- 084797
Infertility in **female** rabbits immunized with 084927
Fruitfulness of **grapevine** buds--a review. 087947
of cottonseed meal on **fertility, hatchability** 084401
Control of weeds in **high fertility** pastures. 089697
of degree of **fertility** in **hybrids** on sterile cy- 087083
changes associated with **impaired fertility** in 084855
Fertility of **infantile** sows after hormonal st- 084963
Response of Colocasia to **fertility levels.** [T- 088768
grown under high & low **fertility levels.** 091910
Chromosomal location of **male fertility** rest- 086894
Nuclear restoration of **fertility** in S **male**-st- 087074
associated with **infertility** in a **mare.** 085214
Control of weeds in high **fertility pastures.** 089697
Fecundity of **Poldia** interpunctella (Hubner) 090567
findings in testes & **fertility prognosis** in yo- 084809
subsequent transport & **fertility** in **rabbit** doe 084778
location of male **fertility restoring** genes in 086894
Degree of **fertility** in **single** cross hybirds wi- 087087
levels & rhizobial efficiency. [**Soil fertility**]. 087454
Legumes & **soil fertility.** 088459
grape culture & preservation of **soil fertility** 091425
on salt composition of soils. [**Soil fertility**]. 091736
lands can yield rich crops. [**Soil fertility**]. 091853
levels & rhizobial efficiency. [**Soil fertility**]. 091947
Legumes & **soil fertility.** 091948
grape culture & preservation of **soil fertility** 092042
Considerations on **fertility** of **soils** & fertiliz- 091799
SSvete, near Zagreb: **fecundity** of **sows** of d- 084745
Studies on **fertility status** of soils of Allepp- 091796
Dairy **fertility study.** 084803
Surveying fertility of mares considering nu- 084924
Fecundity of **Tetranychus** arabicus Attiah & 090800
Effect of age of female on **fertility** of **Zebu** 084944

FERTILIZATION

techniques on garden plants. 9. **Fertilization** 088554
slag for agricultural purposes [**Fertilizing**]. 091839
problems of waste utilization. [**Fertilization**] 091840
sewage sludge in agriculture. [**Fertilization**] 091841
Soluble salt problems in **fertilization.** 091899
Plant analysis main guide for **fertilization.** 092010
Helianthus annuus before **fertilization.** 086738
Helianthus annuus after **fertilization.** 086739
response of redgram to **bacterial fertilisation** 091849
Cost of fertilisers & **balanced fertilisation.** 082267
Amendment & **fertilization** as **basic** factors 091970
on fertility of soils & **fertilization** of **crops** in 091799
Cross-fertilization of alfalfa as affected by g- 086890
Effect of **fertilization** with **different** kinds of 087875
of high-loss plants in **double fertilization.** [087078
Fertilization with **drip** irrigation for sugarc- 091897
esters to free ascarosides in **fertilized eggs** of 085401
response of tomato to **foliage fertilizing.** 091928
Foliar fertilization in horticulture. 091957
substances as well as in **foliar fertilizing.** 090323
New directions in **fertilization** of **forest** soils 091987
Fertilization of **forests** as reflected in confer- 091838
Effects of **fertilization** on **ground** water. 091997
forest. I. Effect of **fertilization** on **growth** of 091836
Hay fertilization in Flathead Valley, Monta- 091973
Bedding & **fertilization influence** on slash p- 086025
in grass of cultivated, **irrigated, fertilized** pa- 084377
on Winward Oahu. [**Fertilization, irrigation**] 091896
effect of long-term **magnesium fertilization** 091803
progressively increased **mineral fertilization** 088322
of work experiences of **mineral fertilization.** 091932
boron, copper, & **molycobernum fertilization** 087873
plants as affected by **nitrogen fertilization** in 088220
On influence of **nitrogen fertilization** on dev- 089022
Effect of **nitrogen fertilization** & mowing on 089240
under varying levels of **nitrogen fertilisation** 091867
of dwarf wheats to **nitrogen fertilization** in s- 091911
Increased late **nitrogen fertilization** of wint- 091944
Effect of **nitrogen fertilization** & mowing on 091964
Effect of gradated **nitrogen-fertilization** und- 091977
plants as affected by **nitrogen fertilization** in 091993
Effects of **fertilization** on an **oat**-ryegrass m- 091931
Transplantation methods of **fertilized ovum** 084878
of cultivated, irrigated, **fertilized pastures.** 084377
enriched with **phosphate fertilization.** 091922
Effect of nitrogen & **phosphorus fertilization** 091935
Fertilization & pollution. 092411
stratum of soils in **ponds fertilized** with beet 087206
periodic phosphorus-**potassium fertilization.** 091801
Potassium fertilisation trials of poplar nurse- 091818
Potassium fertilization studies of alfalfa in 092002
Nondisjunction & **preferential fertilization** in 087019
Fertilization process in cotton plant Gossyp- 087168
of frozen semen & its **fertilizing properties.** 084883
Effect of **fertilization** on **quality** of grassland 091879
of seedlings from natural **self-fertilization** in 086070
Influence of light **soil fertilization** with ben- 091716
Influence of **soil fertilization** with bentonite 091717
Soil fertilizing under forest stands. 091986
Potassium **fertilization studies** of alfalfa in 092002
Studies on **fertilization** for **SUGI** (Cryptom- 091836
moisture, nitrogen & **sulphur fertilization.** 083753
Potassium **fertilisation trials** of poplar nurse- 091818
Test **tube fertilization** in Petunia hybrida. 087177
Fertilization & utilization of permanent gra- 088474
protection measure **vis-a-vis fertilisation** of 089479

FERTILIZERS

Nitrogen in feed & **fertilizer.** 083866
ammonia liquor into soil. [**Fertilizers**]. 091469
sludge-garbage composts as **fertilizers.** 091806
determination of zinc in **fertilizer.** 091808
of water-insoluble nitrogen in **fertilizers.** 091809
photometric method for sodium in **fertilizers** 091810
Nitrogen in feed & **fertilizer.** 091811
potatoes in a long-term study. [**Fertilizers**]. 091817
Placement of **fertilizers:** Solid. 091847
Fertilizers: booming world commodity. 091874
micronutrient problems. [**Fertilizers**]. 091898
with soybeans in Louisiana. [**Fertilizers**]. 091930
Urea in performance comparison. [**Fertilizers**] 091943
a source of available nutrients. [**Fertilizers**] 091968
agricultural production. [**Fertilizers, animal** 084474
Helianthus annuus to **fertilizers application** 088343
Effect of irrigation, **fertilizer application** & 088909
Helianthus annuus to **fertilizers application** 091813
Influence of mineral **fertilizer application** on 091923
Foliar **fertilizer application.** 091936
interest in settling **fertilizer argument.** [Pol- 092397
Cost of **fertilisers & balanced** fertilisation. 082267
Polychlorinated **biphenyls, fertilizers,** pollut- 092359
Farmer cooperatives in **fertilizer business.** 082186
Use of **carbonic fertilizers** for greenhouse cu- 091974
Effect of **certain fertilizers** on metabolism of 090321
to broiler litter & **commercial fertilizer.** [D- 091807
Common fertilizers & their characteristics. 091855
sixth Hawaii **Fertilizer Conference,** April 27 091894
utilization in FCI [**Fertilizer Corporation** of 091860
Effect of **crop fertilizer** on feeding of larvae 090566
Fertilizers, crop quality, & nutrients in was- 091831
Effect of **crop fertilizer** on feeding of larvae 091883
developments in seed-**cum-fertilizer** drills in 085931
K[potassium] **fertilizers** on **Cynodon** IB.8 & 091845
of stem border to **different fertiliser** dosages 089893
Accord PAS" **fertilizer distributer.** 091464
Credit for **fertiliser distribution.** 082223
device for mineral **fertilizer distributors.** 091334
of consumption of **fertilisers** by **districts**--fif- 091870
World & **domestic fertilizer** situation. 091895
of stem border to different **fertiliser dosages** 089893
developments in seed-cum-**fertilizer drills** in 085931
Fertiliser use in **drylands** of Western Rajas- 091862
Fertilizers & environmental pollution; Indian 091909
Fertilizer experiments on small cotton farms 091834
Extensive fertilizer trails on AC-134 & B.S. 091962
Feeds, fertilizers, pesticides, 1972 report. [I- 082856
Second application of **fertilizers** to **fields** & 091812
Fluid fertilizer mixtures 1972. 091873
Foliar fertilizer application. 091936
distribution of **fertilizers** in **German** Democ- 091802
contribution of **fertilizers** to **groundwater** po- 091983
Proceedings: sixth **Hawaii Fertilizer** Confer- 091894
of feed & weed. [**Fertilizers, herbicides**]. 089633

Basic problems of **increasing fertilizer** prod- 091946
Review of **fertiliser industry.** [India]. 091865
of optimization of **intensive fertilizer** use on 091956
Effect of **irrigation, fertilizer** application & 088909
formulations with **liquid fertilizers.** [Pesticl- 090334
Effects of potassium & **magnesium fertilizers** 091915
Influence of levels of **fertilizers & methods** 087791
Effectiveness of applying **mineral fertilizers** 082290
Effect of **mineral fertilizers** on content of vi- 087656
to balance influence of **mineral fertilizers** wi- 087811
of centrifugal device for **mineral fertilizer** di- 091334
Contribution of **mineral fertilizers** to agricul- 091827
Influence of **mineral fertilizer** application on 091923
effectiveness of **mineral fertilizers** & elimina- 092000
product of 70's: Liquid **mixed fertilizers.** 091871
Fluid **fertilizer mixtures** 1972. 091873
Effect of **fertilizer nitrogen** on digestibility 084441
height of cutting, & **Nitrogen fertilizer.** [Ag- 088357
interactions with form of **fertilizer nitrogen** 091803
barley as affected by **nitrogen fertilizer** & so- 091816
Slow releasing **nitrogen fertiliser** from waste 091819
trends in field of **nitrogen fertilizers.** 091822
Banding **nitrogen fertilizers** in soil: principl- 091826
inhibitors & slow-release **nitrogen fertilizers** 091916
Good **nitrogen fertilizer** is profitable in spite 091919
Effect of nitragin & **nitrogen fertilizers** on a- 091981
Slow releasing **nitrogen fertiliser** from waste 092322
free single & multiple-**nutrient fertilizers.** 091821
performance of soil & **fertilizer nutrients** eff- 088396
Fertilisers & your **orchard.** 091998
Response of **fertilizer** on **paddy.** 088452
density of trees & **fertilizers** in t he **peach** o- 088904
in fruit culture, [Apples, **pears, fertilizers**]. 088645
practices for pimiento **pepper--fertilizer** rates 088567
Feeds, **fertilizers, pesticides,** 1972 report. [I- 082856
use of chemicals. **[Pesticides, fertilizers].** 086051
biphenyls, **fertilizers, pollution**]. 092359
Acidic ammonium **polyphosphate fertilizer** as 091914
production of **potash fertilizers.** 091823
nitrogen, phosphorus & **potash fertilizers.** 091825
granulated phosphorus & **potash fertilizers.** 091824
On **potassium fertilizer** requirement of cerea- 087668
nitrogen, phosphorus, **potassium fertilizers** f- 092008
did all phosphate go? **[Fertilizers, prices].** 091995
problems of increasing **fertilizer production** 091946
potassium fertilizers from **fertilizer program** 092008
practices for pimiento pepper--**fertilizer rates,** 088567
Fertilizer recommendations for cereals gro- 091835
ornamentals to slow-**release fertilizers.** 088061
Controlled-**release fertilizers:** state of progr- 091900
ornamentals to slow-**release fertilizers.** 091902
On potassium **fertilizer requirement** of cerea- 087668
performance & **fertilizer requirement** of Ital- 088122
Assessment of **fertiliser requirements** for ma- 091866
Fertilizer requirements of cotton. 091972
Fertiliser response of wheat, gram & horse- 091864
of soil properties on **fertilizer response** of ir- 091991
Fertilizer runoff problem probed. [Water po- 092428
Effect of **fertilizer salt** accumulation & low 089228
Fertiliser scene in Soviet Union. 091861
Increased interest in **settling fertilizer** argu- 092397
World & domestic **fertilizer situation.** 091895
1973 **Fertilizer situation.** 091994
of a wide swath lime & **fertilizer spreader.** 091476
Fertilizer spreaders in vineyards with wide 091435
mechanical functions of **fertilizer spreading** 091319
density & amount of **fertilizer** to **sugar** cont- 088428
Leaf analysis & **fertilizer suggestions** for ap- 091960
Influence of different **sulfur fertilizers** on a- 091814
aftereffect of **fertilizers** on **superphosphoric** 091999
Fertilizer tests & leaf analysis study on boy- 091958
Extensive **fertilizer trails** on AC-134 & B.S. 091962
Fertilizer trials with cabbage following carr- 091886
Fertilizer trials on irrigated alfalfa in central 092005
acid, pyrophosphoric acid, **water fertilizers]** 091913

FESCUE
SEE FESTUCA

FESTUCA
yield in tall fescue, **Festuca arundinacea,** Sc- 086889
of tall fescue (**Festuca arundinacea,** Schreb.) 086909
acids in tall fescue (**Festuca arundinacea**) by 087767

FETAL
infection of swine with damage of **foetus** (085425
A serological study of **bovine foetal** immuno- 084071
isoenzyme patterns in **bovine fetus.** 084098
A serological study of **bovine foetal** immuno- 084777
for repeated exposure of **bovine fetal** circula- 085048
Viral infection of **bovine fetus** & its environ- 085247
Use of **bovine fetus** spleen cells for isolation 085248
A case of **foetal dystocia** due to twins. 084829
Effect of litter size upon **foetal growth** rate 084801
Probing secrets of **fetal immunity.** [Sheep]. 084294
Insulin secretion in **fetal & neonatal** sheep. 084099
Development of muscle fibers in **fetal pig.** 084833
blood glucose & fructose in **fetal pig.** 084848
of non-gravid uterus & **foetal placenta** of sh- 084375
Inhibition of muscle growth in **foetal sheep.** 084207
Gustatory sense in **fetal sheep** during last th- 084864
catheterization techniques in **foetal sheep.** 085067
grain seed treatments. **[Tilletia foetida,** Usti- 089148
during placental transfer & **fetal uptake** in r- 084320

FEVER
Epizootic **bovine fever.** 085601
to infect cattle with bovine **ephemeral fever** 085256
poisoning disease & elokomin **fluke fever:** st- 085205
poisoning disease & elokomin **fluke fever:** c- 085206
poisoning disease & elokomin **fluke fever:** fl- 085207
fever prophylaxis: shipping **fever incidence** 085465
aimed to reduce swamp **fever infection.** [Ho- 085497
to relationship between diet & **milk fever** on 084706
Preventing **milk fever** in dairy cattle. 085645
Onset of **fever** in a **pig.** 085657
Shipping fever. [Cattle]. 085697
Swine fever. 085338

FIBERGLASS
Experience with **fiberglass tubewell** casing. 091368

FIBERS
Asbestos fibers in beverages, drinking water, 082697
Selection for **fibre characters** in upland cott- 086888
A combination of **chopper, fiber** removing & 091419
Fatique testing of **fibers** under **compressive** f- 083490
of some cellulose ethers. **[Cotton fibers].** 083673
Caustic sorption in **cotton fibers** as affected 083674
of scoured & mercerized **cotton fibers** & fabr- 083675
new enzymic-chemical method for **fiber free** 083791
Fiber glass automatic irrigation gates. 091359
on handling process of wood **fiber ground** by 086152
Vertical **fiber hide** defect: biopsy study of tw- 083393
Effects of **fibre length** & calcium ion concen- 090724
paper pulp obtained from **fibrous materials** 086112
Fatty change in skeletal **muscle fibers** in sta- 084278
Development of **muscle fibers** in fetal pig. 084833
Stereotaxic map of **muscle fibers** in indirect 090719
esculentus-l-moench) for **fibre production.** [088553
CCC) on growth, yield & **fibre properties** of 087912
Yield, yield component & **fiber property** var- 086892
swelling, & twisting of **pulp fibers.** 086120
infestation, cotton yield & **fibre quality** (Lep- 089889
Fiber raw material for paper industry: pros- 086114
A combination of chopper, **fiber removing** & 091419
variety testing. III. effect of **fibre sampling** 088503
Hexaploid cotton: some **fiber** & **spinning** pr- 086914
Vertical fiber hide defect: biopsy study of tw- 083393
mycelial residues, wood **fiber wastes,** & chit- 089550
Relations between **fibre** & **water** soluble car- 084443
Studies on handling process of **wood fiber** g- 086152
of industrial mycelial residues, **wood fiber** w- 089550

FIBRILS
sulfate in a case of **atrial fibrillation** in a H- 085661
of glycerol extracted **insect fibrillar** muscle. 090724
Activation of **fibrillar muscles** in bumblebee 090669

FIBROBLASTS
in infected human **fibroblast cells.** 085574

FIBROINS
Genes for **silk fibroin** in bombyx mori: studi- 091201

FIBROSIS
Torsion of spleen & **anthracose fibrosis** in l- 085742

FICUS
seed oil from fruits of Opuntia **ficus-indica.** 083028
Hemiptera: Psyllidae. [**Ficus sycamorus**]. 090159
fig trees to fig mosaic virus (**Ficus virus** 1. 089336

FIELDS
a diluent of turkey semen suitable for **field** 084890
Studies on rate of drying wheat crop in **field** 087775
I. Species & strain differences in **field.** [Root 087886
helps establish cottonwood on old **fields.** [P- 088462
solani on sugar beet roots in **field.** 089120
rice plant fungi: on sclerotia formed in **field** 089256
Sow thistle in **field.** [Sonchus, weeds]. 089698
of soil tillage on weediness of **fields.** [Weed 089721
of 32P [phosphorus] tagged adults in **field.** 089924
term soil moisture measurement in **field** & s- 091651
of soil tillage on weediness of **fields.** [Weed 092056
Chrysopidae: Neuroptera) females in **field.** 090514
Curculionidae) in an **abandoned field.** 090545
Carbohydrates of spring & winter **field beans** 083797
Early maturing **field beans.** 088568
Research in **field** of **bee** pathology. [Apis me- 090737
fatigans Wied.: laboratory & **field cage** studi- 090291
to leaf blight under natural **field conditions** 089147
of trifluralin under **field conditions** in Saska- 089625
of a juvenoid applied under **field conditions** 090173
Megachile rotundata under **field conditions.** 090652
Millet type weeds of **corn fields.** 087097
parasitic nematodes in Georgia **cotton fields.** 089547
gossypii & Aphis craccivora in **cotton fields** 089950
Performance of **field crop** varieties in South 088360
in retrospect & prospect. **[Field crops,** India 082519
1972 Foundation seed. **[Field crops].** 083560
geometrical parameters. **[Field crops,** hortic- 087623
protect plant moisture. **[Field crops].** 087867
in retrospect & prospect. **[Field crops,** India 088310
by measures of crop rotation. **[Field crops]** 088332
in crop production in Alabama. **[Field crops,** 088403
of trends in yields of major **field crops** in L- 088441
research in Andhra Pradesh. **[Field crops].** 088455
Pradesh Agricultural University. **[Field crops]** 088456
trends in production of main **field crops.** 088485
research & test people doing? **[Field crops]** 088515
in Ostergotland County, 1972. **[Field crops]** 088516
flavus group isolated from **field crops.** 088993
its seasonal occurrence of **field crops.** 089947
bees in relation to pollination. **[Field crops** 091101
application of fertilizers to **fields** & **crops.** 091812
losses in relation to irrigation. **[Field crops,** 092000
viewpoints on its **field cultivation.** 088547
watering apparatus for **field cultivation.** 091397
Nutritive value of some **field-cured** hays. 084491
Seepage flows--**field data** measurements for 091983
of synthetic materials to **field drainage** tech- 091367
Field drainage problems in Krishna-Godavari 092125
of synthetic materials to **field drainage** tech- 092139
Field evaluation of new insecticides for cont- 089866
Laboratory & **field evaluation** of insecticides 089870
Field evaluation of a nuclear polyhedrosis vi- 090136
on cereal seed quality. **Field experiment.** [B- 083670
A **field experiment** of Marek's disease vacci- 085411
Soil-analysis of **field experimental** plots, as 091654
significant differences in **field-experiments** w- 088807
evaluation of recent **field experiments** using 089786
demonstrated by **field experiments.** 090548
for maize & wheat in **farmers' fields.** 091866
Seepage **flows--field** data measurements for 091983
vegetable crops in **field & greenhouse;** 1972 090002
Survival of **field-grown** Rhizobia over dry s- 087885
to a mechanical harvesting & **field handling:** 082671
A procedure for **infesting field** soils with Ps- 089317
emulsion--a measure to **intensify field** veget- 091884
Results in conversion to more **intensive field** 088813
Field irrigation & drainage in deltaic, coastal 092116
Field irrigation & drainage in deltaic, coastal 092118
Field irrigation & drainage techniques devel- 092124
Field irrigation & drainage in Mouria & Ag- 092131
of operations in **field** of **irrigation** & drainage 092134
automatic devices for **field irrigation.** 092159
data processing in **field** of **keeping** of accoun- 085973
Some trends in production of **main field** cro- 088485
An analysis of trends in yields of **major field** 088441
Early **maturing field** beans. 088568
A **field method** for determining silt & clay c- 091497
varieties to leaf blight under **natural field** c- 089147
Development trends in **field** of **nitrogen** ferti- 091822
Indian paddy **field Odonata** taken by Miss I 091000
Paddy **field Odonata** taken at Bangkhen, B- 091007
irrigation water distribution by **field outlets** 092147
substitute lots in grouping of **paddy-fields.** 082066
sturcture of plowed layer at **paddy fields** in 088438
hexachloride, rice] in soil of **paddy field.** 090394
Indian **paddy field** Odonata taken by Miss I 091000
Paddy field Odonata taken at Bangkhen, B- 091007
improvement of poldered **paddy fields** in Ko- 091445
sturcture of plowed layer at **paddy fields** in 091655
improvement of poldered **paddy fields** in Ko- 091683
improvement of poldered **paddy fields** in Ko- 091685
its controlling methods in **paddy fields** of w- 092162
into drainage in Japanese **paddy fields** with 092188
by aerial photograph: a case of **paddy field** a- 092225
Field performance of promising insecticides 089963
to ethylene dibromide in a **field population** 090206
Scolytidae) on response of **field populations** 090106
Tabulation & evaluation of **recent field** expe- 089786
Field resistance to Pseudopeziza medicaginis 089222
Copper in **rice fields.** [Weed control]. 089671
A procedure for infesting **field soils** with Ps- 089317
Field sprinkler system. 091450
Field studies on control of cotton boll worms 089869
Field studies on salt leaching in a highly sal- 091747
health in piglet production. A **field study** of 083915
of veterinary medicine in **field** of **studying** in- 085447
Sesamia inferens Walker at **sugarcane field** 089935
Investigations in **field** of **supramolecular** str- 086115
Field susceptibility of cocoa mirid, Sahlberg- 089822
Lolium perenne: performance in **field sward** 087772
common weeds of south Indian **tea fields.** 10 089706
common weeds of south Indian **tea fields.** 8. 089707
least square minimum method for **test field** 092227
Field tests with insecticides for boll worms 089868
Field tests with some granular insecticides f- 089878
Field tests to evaluate effect of certain insec- 089883
Field tests with Bacillus thuringiensis HD-1 089960
Chemicals evaluated in **field tests** against co- 089964
nitrogenase (C2H2) activity in **th field.** [Soi- 091518
Field trials with sugar beet seed treated with 089976
plants, predried on **field,** with **unheated** air. 083906
of sugar beet on converted **upland field.** 088431
beet cultivation on converted **upland field** in 088433
in stepwise transition to **field vegetable** pro- 088659
conversion to more intensive **field vegetable** 088813
irrigation technology for **field vegetable** pro- 091347
a measure to intensify **field vegetable** produ- 091884
in stepwise transition to **field vegetable** pro- 092107
Some aspects of **field water** cycle affected by 091591
Carbohydrates of spring & **winter field beans** 083797

FIGS
of most resistant fig trees to **fig mosaic** virus 089336
On bionomics of sycamore **fig psyllid** Pauro- 090159
in leaves & roots of Sultani & **Pyrgos fig** va- 087928

FILAMENTS
microscope slides of **filamentous fungi.** I. M- 086310
reticulum & appearance of **protein filaments** 086817

FILARIA
adherence reaction with **Dictyocaulus filaria** 085571
of lamb lungworm (**Dictyocaulus filaria**). 085597
a South-American **marsupial filaria:** System- 090456
Cycle of a rodent **filaria passed** by mosquitos 090218

FILBERTS
Amino acid composition of **almonds, filberts,** 083765
Corylus in danger. [**Filberts production,** con- 082318

FILLERS
of sucrose & fructose in tobacco & **filler.** 083680

FILMS
Wettability of **cellulose film** as affected by 086100
Effects of polyethylene **film mulching** on gr- 087785
other fatty diamines in **oil films** & water di- 090249
by differentially permeable **packaging films** 083743
storage conditions by use of **plastic films.** 083805
in diversely treated **polyethylene film.** 083808
aluminum foils & **polyethylene films** on two 090013
sugar beets. 1. Effects of **polyethylene film** 091921
Maturing beef in **stretch-film** wrapping. 083426
to study microorganisms on **surface films** fr- 091505

FILTERS
Comparison of **different filter** methods in te- 085921
column: relevant to trickling **filter effluent** 091640
Filter function of soil. 091570
of canal check gates by **hydraulic filter** level 092158
Evaluation of a **filter rack** for laboratory ro- 085094

FILTRATION
Ultrafiltration controlled enzymatic degrada- 083658
of butterfat by means of **filtration** of **fat** gra- 083329
Agarose **gel filtration** of Triticum vulgare pr- 087826
vasopressin effects on **glomerular filtration** 084075
Application of **ultrafiltration & reverse** osm- 083586

FINANCE
reference to type of demands for **funds.** 082300
from institutional **financing agencies.** 082128
New vistas in **agricultural financing.** [India] 082225
Lead bank schemes & **agricultural finance.**[082228
Problems of **financing agricultural** enterpris- 082285
Agricultural finance for development of fami- 082300
of commercial banks in **financing agriculture** 082224
Anatomy of commercial **banks financing** to 082226
of investments in basic & **circulating funds** in 082281
Farm financing finesse. [Poultry, Canada]. 082212
Financing & feasibility of center-pivot sprin- 082308
Farm **financing finesse.** [Poultry, Canada]. 082212
income tax law: Points of **fiscal imposition** 082520
support from **institutional financing** agencies 082128
requirements of **institutional finance.** 082231
support from **institutional financing** agencies 082232
requirements of **institutional finance.** 090324
Sources of **loanable funds** of agricultural cre- 082214
Capital structure & **financial management** p- 082299
Finance official & apiculture. [Taxes]. 082239
Financial planning for dairy herd expansions 082248
New **fiscal problems** for farmers. 082041
species on organization & **financial relief** of 085949
Finance for **rural** development. 082254
can milk producers expect for **financial year** 082544
administration & budget for **fiscal year** of 1 085966

FINENESS
gamma radiation on **ultrafine organization** of 087658

FINES
Tolerance to anoxia of **cell fine** organization 087742
Comparative fine structure of claw sensilla of 090262
Domparative fine structure of claw sensilla 090723
Cell & **lorica fine** structure of chrysomonad 086714
Fine structure of soybean seed coat & its ch- 083558
Regional histology & **fine structure** of epidi- 084212
Observations on **fine structure** of bovine sw- 084296
studies on trichocysts. VI. **Fine structure** & 086757
Fine structure of trichome hydathodes of M- 086816
Fine structure of cortex in lichen family Pa- 086826
Effect of cordycepin on **fine structure** of int- 088017
Effect of ehtionine on **fine structure** of bean 088018
Preliminary data on **fine structure** of epigas- 090422
Comparative **fine structure** of claw sensilla of 090722
of Norwegian sheep. **fine sturcture** of one of 085191
Fine sturcture of pollen surface of some Ta- 086823

FINGER
Lengthwise lumber jointing with **finger join-s.** 086228

FINISHES
grains for growing & **finishing cattle.** 084573
Microwave **finish drying** of potato chips. 083788
ammonium sulfate in cattle **feedlot finishing** 084563
cervisiae yeast culture in **growing-finishing** 084579
vitamin A relationship in a **growing-finishing** 084728
a high protein diet during **finishing period** on 084604
Finishing suckled calves. 084392

FIRE
Imported **fire ants:** eradication trials with m- 090253
Fire blight susceptibility of fruiting trees of 089300
Fire conditions of wood construction. 086148
thermocouples. [Forest **fire control** equipme- 085871
Prescribed **fire effects** on water repellency, 085817
Why i gave up my **fire engine** practice. [Vet- 085150
Fires in **farm** buildings. [Livestock housing] 091242
Varnishes & **fire inhibiting** paints for protec- 086164
Fire & **nitrogen** cycle in California chaparral 087590
favourable to start of **fires** in **Rambouillet** fo- 085851

FIREPLACES
Proteophilous fungi & **fireplace fungi:** a prel- 086479

FIRS
during shoot elongation in **balsam fir** (Abies 088252
Yolk deposition in Douglas-**fir bark** beetle, 090109
mechanical properties of **Cilician fir** wood (086157
operations research approach to **Douglas-fir** 085987
operation carrying out in young **Douglas fir** 086066
Spacing-gentoype interaction in **Douglas-fir.** 086069
self-fertilization in coastal **Douglas-fir.** [Pse- 086070
storage affects quality of **douglas-fir** pulpwo- 086256
of weight variation in **Douglas-fir** seedlings. 088261
Yolk deposition in **Douglas-fir** bark beetle, 090109
bedfordeae in natural Todo-**fir forest** land: g- 085833
of volatile organic substances in **fir forests** of 088242
Cone production in **Fraser firs** infested by b- 090121
Investigations on silver **fir gall** midge, Agevi- 090171
Cone production in Fraser **firs infested** by b- 090121
of Moni (Abies firma S. et.Z., **Japanese fir)** 086673
affects quality of douglas-**fir pulpwood** chops 086256
How to produce high-**quality fir** seedlings. [086063
Genetic variation in **Saghalien fir** from diffe- 086071
How to produce high-quality **fir seedlings.** [086063
of weight variation in Douglas-**fir seedlings.** 088261
of height growth in silver **fir seedlings** estab- 088270
Behaviour of silver **fir seedlings** from differ- 088271
Dendrometric research on **silver fir** of high 085930
Periodicity of height growth in **silver fir** see- 088270
Behaviour of **silver fir** seedlings from differ- 088271
on course of infestation in old **silver fir** stan- 090168
Investigations on **silver fir** gall midge, Agevi- 090171
carrying out in young Douglas **fir stands.** [P- 086066
course of infestation in old silver **fir stands** 090168
gravity of randomly sampled **subalpine fir.** 086263
research approach to Douglas-**fir thinning.** 085987
mechanical properties of Cilician **fir wood** (086157

FISCAL
SEE FINANCE

FISH
biphenyl-DDT combinations in **fish.** 082680
appreciation of nutritive aspects of **fishes.** 082990
biphenyl-DDT combinations in **fish.** 083021
in muscle tissue of teleosts [**Fishes**]. 083229
WT dye for toxicity to oysters & **fish.** 090354
of development of Nosema **apis Zander** in h- 091117
residue analysis of **fish & aquatic** mammals 090372
On sterilization of **tuna canned** in oil & bri- 083107
on color measurement of **canned tuna.** 083145
with hydrogen peroxide. [**Casein, fish** meal] 083151
May flies (Ephemeroptera) in **trout creeks** 090577
Effect of **dietary fish** oil soapstock on perfo- 084465
white spread from separated **fish flesh** forms 083081
Piglet rearing tests with & without **fish flour** 084620
Effects of pollution on **freshwater fish.** 092460
Quality changes of **frozen fish** after long-ti- 083621
composition & caloric value of **grass carp** (C- 082998
Fish hydrolyzates from commercial Philippi- 083199
anemia in mink fed raw **marine fish;** a five 085673
with hydrogen peroxide. [Casein, **fish meal**] 083151
Possibility of **fish meal** sterilisation by gam- 083911
phosphate in diets with & without **fish meal** 084462
Decapterus macrosoma) **fish meal** & its nutr- 084665
corn) & protein (Torula yeast, **fish meal** & 084707
An economic analysis of red **meat, fish,** poul- 082461
economic effectiveness of feeds in **fish meat** 083914
Meat-, fish-, & poultry-processing wastes. 092442
Fish on **menu.** 082942
Effect of dietary **fish oil** soapstock on perfo- 084465
of mercury in **fish** by **oxygen**-flask combusti- 082734
Utilization of **phytophagous fish** for aquatic 089628
primary productivity in **fish ponds.** 086667
economic analysis of red meat, **fish, poultry** 082461
Fish preservation. I. Studies on changes dur- 083139
of "patis" in Philippines. [**Fish products**]. 083196
Fish protein concentrates: recent advances. 082805
mercury bound to solubilized **fish protein.** [082822
studies on hydrolyzed **fish protein.** 083199
in meat of freshwater & **seawater fishes.** 083226
Smooth, white spread from **separated fish** fl- 083081
Mercury in **fish & shellfish.** A review. 082814
to remove mercury bound to **solubilized fish** 082822
Insecta, Ephemeroptera) in a **trout stream** f- 090452
on mercury residues in **fishes** from **water**-bo- 090404
biphenyls (PCB) in **fish & waters** of upper 090407
yellow corn) & protein (Torula **yeast, fish** 084707

FISHERIES
Importance of **sea fishery** in time of Hanse 083019

FISSION
Cell budding & **fission** in **microspores** of Pe- 087109

FISTULA
in pigs. I. Establishment of **cecum fistulae** & 085129
Permanent **intestinal fistulae** for study of di- 084315
ammonium bicarbonate to **fistulated Surti** b- 084556
Tracheal **fistula technique** for goats. 084237

FIXATION
of Co2 [Carbon dioxide] **fixation** by **cell-free** 086805
Fasciola hepatica by **complement fixation** te- 085185
elokomin fluke fever: **complement fixation.** 085206
bands used as ligatures & **fixation devices** in 085036
Response of carbon **dioxide fixation** to water 088166
of glutaraldehyde & **formaldehyde fixation** of 084561
Nitrogen fixation in a subarctic mire. 087462
Nitrogen fixation in termites. [Kalotermes 090782
Kinetics of **nitrogen fixation** & acetylene re- 091519
of indirect complement-**fixation tests** for det- 085311

FLAGELLATE
of trichocysts in **flagellate Oxyrrbis** marina 086757
Flagellar structure of gametes of Ectocarpus 086713
Contribution to spread of **flagellates** in **swine** 085552

FLAKING
Flavor quality & stability of **potato flakes:** e- 083789

FLAMES
combustion method & by **flameless atomic** a- 082734
A comparative study using **flameless atomic** 087670
Collaborative study of **flame photometric** m- 091810
content in milk by **flame photometry.** 083273
some phosphorus amides as **flame retardants** 082885

FLASKS
mercury in fish by oxygen-**flask combustion** 082734

FLAVINES
of compounds of iron with **flavin nucleotides** 088030

FLAVONES
A new **flavone** from **Artemisia** herba-alba. 087436
Flavones & flavone glucosides from leaves of 087499

FLAVONOIDS
activity & **flavonoid accumulation** in alfalfa 089195
Metabolism of **flavonoid compounds** during 088235
Flavonoids from **Comptonia** peregrina. 087537
A new type of **natural flavonoid:** 2,5-dihydr- 088296
Flavonoid type, systematics & evolution in 087516

FLAVONOLS
characteristics of **flavonol aglycones** secreted 087490
epimerization of tea **flavanol gallates.** 083126
glucose: **flavonol** 3-o-**glucosyltransferase** from 087975

FLAVOR
as a means to evaluate maturity & **flavor.** 083595
performance, carcass fat & **flavour** of **broilers.** 084465
Factors affecting **cheese flavour.** 083373
Flavor & chemical characteristics of convent- 082957
quality control of **flavor chemicals.** 083121
acids & polyphenols to **flavour & colour** of t- 083577
for separation of **complex flavor** mixtures. [083122
Flavor detection threshold values for ethyl 082965
membrane material to **flavor development** in 083316
fish flesh forms a base for **flavored dips,** sna- 083081
alkylthiopyrazines. [**Food flavorings**]. 083125
of off-odors & off-**flavors** in **papaya** puree. 083773
of citric acid on acid & **flavour production** by 083323
Flavor quality & stability of potato flakes: e- 083789
on changes occurring in **flavour** of **ultra**-high 083307

FLAX
New genes for rust resistance in **flax.** [Mel- 087118
weight in crosses between **flax genotypes** & 086930
flowering patterns in **flax** as **influenced** by e- 087355
Evaluation of **flax quality** from examination 082786
soil phosphorus to wheat. [**Rape, flax**]. 087725

FLEAS
convergent evolution ant: taxonomy of **fleas** 090912
Allergic flea dermatitis. [Dogs]. 085505
applied insecticides. 1. Tobacco **flea beetles.** 089969
Australia, in presence of **rabbit fleas** (Spilo- 085388
island: introduction of European **rabbit flea** 090255
Factors influencing breeding of **rabbit flea** (090266
Fleas of **Venezuela.** 090911

FLEECE
"Fleece cloth"a modern type of aid for hygi- 083017

FLESHFLIES
activity in midgut of **fleshfly, Sarcophaga** bu- 090650

FLEXIBILITY
Flexibility in **cooling** chain with Igloo-Flex 091434
Flexible exchange rates, northern expansion 082420
of suitability of **flexible packaging** materials 083137
of green tea by **flexible packaging** materials 083157
installations with **flexible pipelines.** 092140

FLEXURE
in cooling chain with Igloo-**Flex cooler.** [Da- 091434

FLIES
May **flies** (Ephemeroptera) in trout creeks 090577
a merimithid parasite of **black flies.** [Simuli- 090503
Mesoamerican & South American **black flies** 090892
development in parasites of **blow flies.** I. Ec- 089797
development in parasites of **blow flies.** II. E- 089798
development in parasites of **blow flies.** I. Ec- 090617
090618
development in parasites of **blow flies.** III. 089794
development in parasites of **blow flies.** IV. 089795
development in parasites of **blow flies.** III. 090608
development in parasites of **blow flies.** IV. 090609
Nasal **bot fly,** Rhinoestrus hippopotami Gru- 090292
of insecticidal dusts in controlling **bulb fly** 090182
A probable **caddis fly** hybrid. [Micropterna 090958
New species of **cattle fly** from Denmark (D- 090963
control of Mediterranean fruit **fly Ceratitis** 090099
Fly control in dairy farms. [Diptera]. 090239
effectiveness of horn fly & face **fly control** p- 090248
Air curtains for **fly control** an experimental 090269
Hormones for **fly control.** [Stomoxys calcitr- 090276
Controlling flies on pasture. [callee]. 090279
seasonal abundance of olive fruit **fly, Dacus** 090088
variations in adults of olive fruit **fly, Dacus** 090089
Horse flies & **deer flies** of New York (Dipte- 091030
microdistribution of **drosophilid flies** in Mis- 090575
Cost & effectiveness of horn fly & **face fly** c- 090248
Flower flies of Meijendel (Diptera, Syrphid- 090991
seasonal abundance of olive **fruit fly,** Dacus 090088
colour variations in adults of olive **fruit fly,** 090089
affecting control of Mediterranean **fruit fly** 090099
colour variations in adults of olive **fruit fly,** 090798
Cherry **fruit fly** in Oregon: a nomenclature 090947
Control profit-stealing **horn flies.** [Cattle]. 090225
Cost & effectiveness of **horn fly** & face fly c- 090248
Horse flies & deer flies of New York (Dipte- 091030
House flies: effect of apholate & its failure 090190
A probable caddis **fly hybrid.** [Micropterna 090958
altosid & its stability in stable **fly medium.** 090251
Reproduction of **melon fly:** mating activity 090028
A yellow-eyed mutant of **melon fly.** [Dacus 090032
Nasal bot **fly, Rhinoestrus** hippopotami Gru- 090292
Population dynamics of cabbage **root fly** in 090025
altosid & its stability in **stable fly** medium. 090251
Effect of **stable flies** on feed intake & milk 090252
Relationship of **synanthropic flies** to small 090221
New data on **tachina flies** in Fergana valley. 090883
mating compatability of **flies treated** to func- 090028

FLIGHTS
of thoracic temperature & **flight.** [Bombus v- 090669
Investigations of **flight activity** & mating be- 091092
Flight activity & natural mortality of normal 091158
Flight behavior of Manduca moths as a fact- 089905
map of muscle fibers in **indirect flight** muscl- 090719
Locust flight oscillator: changes in motor ou- 090714
substrate cycle in **flight muscle** of Bombus a- 090475
Flight performance & fuel utilization as a f- 090641
Flight range of Apis cerana indica when ent- 091166
changes in ortans of **flight** & **reproduction** in 090544
Distribution of **flights** of **wild** bees in some 090461
Effects of emerging bees & of **winter flights** 091157
by insecticide treatment in **flight year.** 089965

FLOCKS
in progeny from vaccinated **parental flocks.** 085201

FLOODPLAINS
Floodplain control under conditions particul- 092198
of microbial component in a **floodland forest** 091667
Water control of **floodplain grasslands** in Li- 092190
Floodplain regulation in United Kingdom. 092195
Floodplains of **small** rivers of use to animal 082309
Survey of **floodplain vegetation** along lower 086627

FLOODS
evaluation of damage caused by **flooding.** [A- 082493
Matera province between two **floods.** 092222
Degradation of parathion in **flooded acid** soi- 089806
sp. isolated from lindane-**amended, flooded** 091694
of a major storm & **associated flooding** in A- 092084
of river training problems. [**Flood control**]. 091262
affecting river training. [**Flood control**]. 092115
Flood control in North-Eastern Victoria. 092173
affecting river training. [**Flood control**]. 092174
training measures in India. [**Flood control**] 092175
in design of training works. [**Flood control**] 092176
in Brahmaputra Valley. [**Flood control**]. 092177
their effect on river training. [**Flood control** 092178
regulation of watercourses. [**Flood control**]. 092179
Flood control facilities for improving passage 092180
aspects of river training & **flood control.** 092182
Assessment of investments for **flood control** 092183
of lower Colorado River. [**Flood control**]. 092185
River training in Victoria. [**Flood control**]. 092197
On high-**flood discharge** attenuation by torr- 092244
after diasters. [**Flood, earthquakes,** tornadoes 082624
facilities for improving passage of **flood flow** 092180
Flood forecasting model for Altaler catchm- 092258
Forecasting flood hydrographs on danube by 092260
On **high-flood** discharge attenuation by torr- 092244
Forecasting **flood hydrographs** on danube by 092260
flood plain regulation (**including flood** zoning 092171
Flood plain regulation (**including flood** zoni- 092193
mechanization of **flood & internal** water con- 091387
XI. effect of copper & **flood irrigation** on ap- 089519
affecting river training, & **flood plain** regulat- 092171
Flood plain regulation (including flood zoni- 092193
Waterway remodelling & **flood-plain** controls 092194
Factors affecting river training--**flood plain** 092196
Factors affecting river training **flood plain** r- 092199
Special emphasis on **flooded soil** condition. 090356
isolated from lindane-amended, **flooded soil.** 091694
Factors affecting river **training--flood** plain 092196
Factors affecting river **training flood** plain r- 092199
plain regulation (including **flood zoning**). 092171
plain regulation (including **flood zoning**). 092193

FLOORS
surgical alterations caused by **floor** in **swine** 085786

FLORA
Agaric flora of an extreme late season in D- 086400
spatial distribution of an **annual flora** in an 086612
Alkaloids of **Argemone albiflora,** Argemone 087481
Plants new to **arizona flora.** IV. 086352
new lichen species in amphi-**Beringian flora** 086414
of Caryophyllaceae in **flora** of **Central** Asia. 086338
India: Physico-chemical **conditions, flora** & 086454
Notes on **flora** of **Costa** Rica. 2. Hedyosmum 086523
species in amphi-Beringian **flora element.** 086414
cell walls of Lolium **multiflorum endosperm** 087824
prospects in study of **flora** of **Finland.** 086578
capitatum, a constituent of **fungal flora** of di- 084052
study on effect of benomyl on **fungal flora** in 091682
A short discussion of **fungi flora** of Tanganyi- 086586
Contribution to Austrian **fungus flora.** 086605
Flora of **Guatemala.** IX. 3. Labiatae: Mint f- 086441
Flora of **Guatemala.** IX. 4. Scrophulariacae. 086442
agents of Escherichia coli in **intestinal flora** 085490
on fluorescence of Lolium **multiflorum Lam** 087675
distribution in Lolium **multiflorum Lam.** foll- 087246
Higher aquatic & **littoral flora** in polyhumic 086579
distribution in **Lolium multiflorum** Lam. foll- 087246
on fluorescence of **Lolium multiflorum** Lam 087675
of cell walls of **Lolium multiflorum** endospe- 087824
soil & Italiangrass soil. [**Lolium multiflorum** 090386
Observations on **microbiological flora** of ca- 082818
Supplement of **flora** of **Ryukyu** & Formosa. 086467
Taraxacum flora of southern Germany & Au- 086581
A unique & **threatened flora.** 086665
Vascular flora of Kent Island, Grand Manan 086574
Flora & vegetation of an Ardennes valley: L 086488
Vegetation & **flora** of **White** Tank Mountains 086356
Planting time of honey-**yielding flora.** 088946

FLOUR
Biological value of **alfalfa flour** dried artifici- 084725
of titanium dioxide as a **flour & bread** additi- 083571
of Opaque-2 & **Floury-2,** used in **breeding** for 087911
protein extraction of defatted **coconut flour** 083791
on distribution of **flour components** in black- 083786
granulation on evaluation of **flour cookie** qu- 082713
Biological value of alfalfa **flour dried** artifici- 084725
Piglet rearing tests with & without **fish flour** 084620
of some macroelements in **flour flows** during 083591
Redesigned **flour grader** avoids heat drift. 082852
Diastatic activities of **malt flours** & enzyme 083184
sheath & tunica propria in **flour moth.** [Ana- 090683
method to classify wheat & **flour quality.** 083559
Redesigned flour grader avoids heat drift. 082852
of break, reduction & straight-**run flours.** 083612
Food uses of **soybean flour** in relation with i- 082989
Protein content of wheat & **flour summary** of 083649
study on maturation of **wheat flours:** Influe- 083528
extracted air-classified spring **wheat flours.** 083546
of gel proteins of **wheat flour** by column chr- 083553
thioctic acid (lipoic acid) in **wheat flours** & 083557
in baking from rye & **wheat flours.** 083566
on packaging & storage of **wheat flour** (Atta 083609
Sorption of water vapour by **wheat flours.** 083610
On composition of water soluble **wheat flour** 083622
demineralized whey to **wheat flour** on grow- 084598

FLOW
Application of unsteady **flow analysis** to ope- 092149
An **automatic flow** control for canals. 092168
milking interval on mammary **blood flow.** 084230
Mammary **blood flow** & glucose uptake in l- 084240
of a vane type open **channel flow** measuring 091381
Flow of **chromium** into apple fruit during de- 088172
oxidation of ammonium in a **continous flow** 091533
An automatic **flow control** for canals. 092168
Concurrent studies on **flow** of **digesta** in du- 084104
on amount & composition of **digesta flowing** 084656
Concurrent studies on **flow** of **digesta** in du- 085063
control devices for constant **discharge flow** in 092152
Methodology of **employing flow** simulators-- 082492
An attempt to estimate **energy flow** through 090747
Seepage **flows--field** data measurements for 091983
facilities for improving passage of **flood flow** 092180
of some macroelements in **flour flows** during 083591
Study of **groundwater flow** to drainage pipes 092136
from Northwest; normal & **high-flow** years. 092271
model for upper Rio Grande **index flows.** [092274
Distribution of averaged **longitudinal flow** r- 092262
of a vane type open channel **flow measuring** 091381
Method of process-**flow organization** in food 083060
to sediment transport during **overland flow.** 092209
Phosphate flow into mycorrhizal roots. 087470
Method of **process-flow** organization in food 083060
A new method of sap **flow rate** determinati- 087979
of averaged longitudinal **flow rate** according 092262
A new method of **sap flow** rate determinati- 087979
Seepage flows--field data measurements for 091983
Methodology of employing **flow simulators--** 082492
Ephemeroptera) in a trout **stream flowing** f- 090452
Analysis of low-**stream flow** by statistical un- 092226
Analysis of low-**stream flow** by statistical un- 092227
of ammonium in a continous **flow system.** [n- 091533
of mass distribution in turbulent **tube flow.** 086103
Application of **unsteady flow** analysis to ope- 092149
measurements, transcellular **water flow,** & 087330
from Northwest; normal & high-**flow years.** 092271

FLOWERING
Stimulation of **flowering.** [Silviculture]. 086077
growth & **flowering** of **Antirrhinum** majus L- 088193
Studies on induction of **axillary flowering** in 087923
Flowering of **azaleas** with controlled photop- 087943
Summer-**flowering bulbs.** 088699
Flowering of **Christmas** cactus during summ- 088056
Cyclic flowering patterns in flax as influenc- 087355
beet. 2. effect of selection on **flowering date** 087783
inhibitors from single & **double flowered** pe- 088062
of plant height & **flowering duration** in four 086844
Early-flowering shrubs. 088068
of spring growth & **flowering** of **grass** crops 087754
chloride) on vegetative **growth, flowering** & 088188
Flowering habits of some species of Ischae- 086458
Flowering interval of Acacia in last 25 years 088245
acid: an inhibitor of **flowering** in **Lemna** per- 087520
requirements for **flowering** in a **Lilium** speci- 088055
chemicals on growth & **flowering** of **mango** 088074
Flowering meadows & their significance for 081942
induction of **flowering** in **mesta** (Hibiscus c- 087664
New or **noteworthy flowering** plants form e- 086465
light on growth & **flowering** in **ornamental** p- 087927
Cyclic **flowering patterns** in flax as influenc- 087355
from single & double **flowered petunias.** 088062
Flowering in **Pisum.** effect of cotyledon rem- 087954
Flowering in **Pisum:** evidence that gene Sn 087955
New or noteworthy **flowering plants** form e- 086465
Horticulture of **flowering plants** for sightsee- 088556
Early-**flowering shrubs.** 088068
still time for plants of early **spring flowering.** 088952
of cane length on bud **sprouting, flowering** 088195
Studies on bolting & **flowering** of **sugar** beet 087783
Summer-flowering bulbs. 088699
Inheritance of **flowering time** in ragi Eleusi- 086860

FLOWERS
Variety in leaf & **flower:** contrast in garden 088612
Small trees with **flowers.** 088690
Aromatic shrubs, herbs & **flowers.** 088693
Annuals in a border. [**Flowers**]. 088700
in Alismataceae. III. **Floral anatomy** of Ra- 086740
Proceedings, 2d **annual Flower** Growers Sho- 088677
on bodies of insects visiting **apple blossom.** 090654
Aquatic flowers in some guanotrophic ponds 086385
Flower-bid formation of Cryptomeria under 088280
Effect of temperature on **flower bud** differen- 087432
of highly specialized **carrion-flowers** of stape- 086423
stems aid **Chrysanthemum flower** longevity. 083734
in opening bud-cut **chrysanthemum flowers** 088059
Effect of rain on **coffee blossom.** 087404
Rosa flowers in relation to **flower colour.** 088148
Hypobaric storage of **cut flowers.** 083744
Preservation of **cut flowers.** 083811
physiology research on **cut flowers.** 088057
Internal metabolic changes in **cut flowers.** 088058
History of **floral development** of Rosvaceae 087294
ecotypes of Pinus kesiya **flower differently** in 086074
glucuronide from **flowers** of **Dombeya** calan- 087358
Flowers for **drying.** 088701
Flower flies of Meijendel (Diptera, Syrphid- 090991
Sutdies on pistillate **flower foramtion** induc- 088097
Floral geophylesis of Sapotaceae. 086325
Proceedings, 2d annual **Flower Growers** Sho- 088677

handling & storage of **Hawaiian flowers.** 083742
Flower initiation by cyclohexiмide in long- 087563
zinc on growth & **flower initiation** in four v- 088190
Burma ecotypes of Pinus **kesiya flower** diffe- 086074
stems aid Chrysanthemum **flower longevity.** 083734
Marketing flowers in today's economy. 082441
damage, & control of wheat **blossom midges** 089974
Development of female ovule of **olive flower** 086779
description of **flowers & ontogeny** of stamens 086854
Floral physiology of Angraecum i. Inheritan- 087930
Sutdies on **pistillate flower** foramtion induc- 088097
Some mite problems of **flower plants** in Ha- 090018
"**flower-pot** technique" as a new method for 087067
Variation of **flower** of **Serissa** japonica (Thu- 086789
Floral structure, hybridization & evolutiona- 087152
A curious **summer flower.** [Orobanche crena- 088673
Flowers for **summer** cottage. 088719
Getting started with **wild flowers.** 088721
Wild flowers from seed. 088732

FLUCTUATION

Seasonal **population fluctuations** of Thrips t- 089952
of root injury from water **table fluctuations.** 089460

FLUES

India's **flue-cured** tobacco crop passed throu- 082471
to brown spot disease of **flue-cured** tobacco. 089279
of wireworms & transplanting **flue-cured** tob- 089968
control of tobacco budworm on **flue-cured** t- 089970
Mechanical harvesting of **flue-cured** tobacco. 091473
** 091474
production & nutrient uptake of **flue-cured** t- 087759

FLUIDS

of abnormal body **fluid accumulation.** II. Dif- 085022
of abnormal body **fluid accumulations.** I. Te- 085020
of abnormal body **fluid accumulations.** [Vete- 085023
of canned foods in **fluidized beds.** 083106
puncture for collection of **cerebrospinal fluid** 085002
Fluid fertilizer mixtures 1972. 091873
in Muridae. 1. passage of solid & **fluid food** 084370
Fertility content of **fluid manure** from maine 092398
Sales of **fluid milk** products, 1954-72. 082475
Packaging of **fluid milk.** 083287
Sales of **fluid milk** products, 1954-72. 083377
of C1 to C5 fatty acids in **rumen fluid** & fe- 084225
between accumulation of **secretory fluid** in a- 090857
Lytic acting of some **fluids** of **sexual** tract c- 084345
of free myo-insitol in **fluids, spermatozoa,** & 084100
Cell picture of cerebro-**spinal fluid** in normal 084376
Principles & application of **fluid therapy** in 085003

FLUKES

salmon poisoning disease & **elokomin fluke** 085205
salmon poisoning disease & **elokomin fluke** 085206
salmon poisoning disease & **elokomin fluke** 085207
Treatment of liver **fluke infestation** & other 085426
of cattle. [Fasciola hepatica, **liver fluke**]. 085557

FLUOMETURON

Detoxification of **fluometuron** by **Citrus** tiss- 089747

FLUORESCENCE

virus strain by **fluorescent antibodies.** 085248
agent antigens by **fluorescent antibodies** in 085574
elokomin fluke fever: **fluorescent antibody** s- 085207
samples using indirect **fluorescent antibody** 085223
on value of indirect **fluorescent antibody** test 085594
centrale using infirect **fluorescent antibody** 085595
gorgonis using indirect **fluorescent antibody** 085596
A **fluorescent antibody** technique for determ- 091530
of sheep. II. **Fluorescence-histochemical** stu- 084375
Fluorescence lifetime & energy migration m- 087972
seedling transfer on **fluorescence** of **Lolium** 087675
Use of **fluorescence microscopy** for counting 091545
protease from **Pseudomonas fluorescens** P26 082802
phosphate] by **fluorescent technique** in susp- 087381

FLUORIDES

Effects of soil-**applied fluoride** & lead on gr- 085824
Measurement of **atmospheric fluoride** conce- 089475
in maize induced by hydrogen **fluoride gas.** 086966
Effect of **hydrogen fluoride** on pollen germi- 087933

FLUOROMETRY

A specific & sensitive **fluorometric assay** for 087231
Fluorimetric determination of 5-hydroxytry- 090710
Fluorimetric method of thiamine & riboflavin 083448

FLUX

A transcellular water **flux induced** by light in 087329
A model for phosphorus & **potassium flux** in 086686
Fluxes of **visible** & net radiation within a fo- 086670

FOALS

SEE HORSES

FOAM

of urea formaldehyde **resin foam** used as a s- 091805

FODDER

of hygienic quality of foods & **fodder.** 082896
Methods & criteria for **analysing fodder** eco- 084616
problem of yield variation with **fodder beet.** 088328
on forage yield & on **fodder consumption** by 084432
Fodder crop research in Cameroon: Product- 088317
Preseravtion of grass & green **fodder crops** 083909
power required for harvesting **fodder crops** 091459
grasses. 2. Nutritive value of **green fodder** of 083862
Teosinte, a good **green fodder.** [Euchlaena]. 088402
of machines & shift work in **fodder harvest.** 091390
Quality problems of **fodder plants.** 084483
improving & quality of **fodder** on **Podzolic** s- 091970
Nutritive value of **fodder yeast** produced fr- 083854

FOILS

Effects of reflective **aluminum foils** & polye- 090013

FOLDING

Principles that **govern folding** of protein cha- 083215
mutants in Melilotus alba. III. **Folded leafl-t,** 086895

FOLIAGE

Influence of **foliar application** of chemicals 089137
Effect of soil & **foliar application** of nitrogen 091869
Retention & absorption of **foliar applied** Cr. 092419
on excised leaf sections of **corn foliage.** [Sp- 090566
by plants. [Tomatoes, **foliar diagnosis**]. 087434
plums, 1967-1970. [**Foliar diagnosis**]. 091989
season control of several **foliage-feeding** tob- 089967
Foliar fertilization in horticulture. 091957
Foliar fertilizer application. 091936
substances as well as in **foliar fertilizing.** 090323
response of tomato to **foliage fertilizing.** 091928
Effects of several **foliar fungicides** on fatty a- 083774
Foliage-light product, a measure for assessi- 088082
Foliar nutrient concentrations of some Min- 091942
Control of root mealybugs on **foliage plants.** 090008
In vitro **foliar shoot** bud formation in Begon- 088014
sugar beet to soil dressings & **foliar sprays** of 087781
Effect of root & **foliage treatment** with a pe- 089221

FOLIC

Folic acid contents of some fermented soyb- 082999

FOLLICLES

of metabolic patterns in **bovine follicular** oo- 084756
on ovulation rate & **follicular development** in 084840
hormone-releasing **hormone/follicle** stimulat- 084218
to restore wool growth to **inactive follicles.** 084049
intercellular bridges in **ovarian follicles** of c- 090655
investigations of tertiary **follicle population** 084867
Inference of **follicle-stimulating** hormone (F- 084023

FOMES

count reduction in spruce. [**Fomes annosus**] 085811
Known distribution of **Fomes annosus** in int- 089209

FOOD

towards 1980 by substitute products. [**Food**] 082331
in European Common Market. [**Food**]. 082405
determination of cadmium in **food.** 082692
limitation of toxicological research of **food.** 082708
Investigation of quality of **foods** in 1972. 082723
on analysis of pesticide residues in **foods.** IX 082735
of staphylocaccal enterotoxins in **foods.** I. 082736
Contents of heavy metals in **foods.** I. 082741
Mould spoilage of **foods.** 082746
of enterotoxic staphylococci. [**Food**]. 082776
synthetic antioxidants in **foods.** 082803
for deformation testing of **foods.** [Quality]. 082812
Mercury in **food:** a scientific status summary 082813
Viruses in **foods.** 082825
Recurrent pesticide residues in **food.** 082868
utilization of these components from **food.** 082902
Amino acids, additives? [**Food**]. 082920
Eggs--our best **food.** 082935
Irradiation of **food.** 2. 083012
in view of international trade in **foods.** 083018
II. Influence of system parameters. [**Food**]. 083054
New kinds of **food.** 083055
of volatile acids by steam distillation. [**Food** 083058
sterilizable packings from aluminium. [**Food** 083069
aseptic" packaging system developed. [**Foods**] 083074
Electronic weighing & batching. [**Food**]. 083075
Interaction of malonaldehyde in **foods.** I. R- 083138
monoglycerides in aqueous systems. [**Food**]. 083152
viscosity & basic taste intensities. [**Food**]. 083154
of viscosities of glucose solutions. [**Food**]. 083155
pyridosine for quality control of **foods.** 083175
Coloration of **food.** 083208
analyses & opinion for some **foods.** 083225
of volatile aroma constitutents by **foods.** VII 083228
oxidation products with protein. [**Food**]. 083230
of dairy ingredients in other **foods.** 083326
during heat/hold processing of **food.** [Veget- 083614
Recurrent pesticide residues in **food.** 090377
Host-parasite (**food**) relations in family Enc- 090612
Mercury in **food:** a scientific status summary 092391
of polycyclic aromatic hydrocarbons in **foods** 083570
An international review of **food additives:** le- 082588
food drug act regulates **food additives,** super- 082617
Acceptable daily intake of **food additives.** 082716
Studies on **food additives** in imported foods: 082739
An international review of **food additives:** le- 082774
Food additives: recent developments in food 083085
On analysis of gums used as **food additives.** 083231
pest management, research, **food additives,** p- 088818
Tribolium confusum: **food additives** as ovicid- 090195
Effect of frequency of **food administration** of 084400
Food & agricultural export directory, 1973 082477
program of FAO [**Food & Agricultural** Org- 092008
Joint FAO-WHO [**Food & Agriculture** Org- 082628
of joint FAO/IAEA [**Food & Agriculture** O- 091888
Function of **food analysis.** 083169
its effects on livestock & **food** of **animal** orig- 082677
problem of estrogens in **foods** of **animal** orig- 082747
quantities of pesticides in **food articles** & pe- 082755
Food assuring a good wintering. [Apis melli- 091195
Water relations of **food-borne** bacterial path- 082824
polychlorinated terphenyls in **Canadian food** 082699
of food control in meat & **canned food** facto- 082758
Heat sterilization of **canned foods** in fluidiz- 083106
during sterilization of **canned food** heated by 083117
for process calculation. [**Canned food**]. 083146
Sukhadi: a nutritious & **cheap food.** 082938
of skeletal muscle tissue. [**Chicken, food** spo- 082832
toxin types A, E, & F. [**Food, Clostridium** b- 082878
to do without Violet No. 1. [**Food coloring**] 083078
organic gardening; health **foods, composting,** 088818
control & survey of **foods** & **conditions** under 082874
Food consumption & calorie & nutrient inta- 082978
on growth rate, voluntary **food consumption** 084190
chemical control of **contaminated foods.** Pr- 082858
chemical control of **contaminated foods.** II. 082859
chemical control of **contaminated foods.** Pr- 090363
chemical control of **contaminated foods.** II. 090364
chemical disinfectants. [**Food contamination** 082678
for aflatoxin B1. [**Food contamination**]. 082693
of lard production. [**Food contamination**]. 082754
occurrence. [Water, **food, contamination**]. 092452
Organisation & system of **food control** in m- 082758
in providing more **food** at less **cost.** 082607
Termites as pests of tropical **food crops.** 089827
sets strict phase II. Controls to **curb food** p- 082388
benzopyrene in Japanese **daily foods.** [Rice, 083570
contained in some **discharges** from **food** pro- 092384
studies on microbiology of **dried foods.** 082701
of retention of volatile in freeze-**dried food** 083144
trace elements in **food & drinking** water with 083180
Government **food drug** act regulates food ad- 082617
Responsibility of FDA [**food & Drug** Admin- 082793
Responsibility of FDA [**Food & Drug** Admin- 082794
Responsibility of FDA [**Food & Drug** Admin- 082795
Responsibility of FDA [**Food & Drug** Admin- 082796
Responsibility of FDA [**food & Drug** Admin- 082797
Responsibility of FDA [**Food & Drug** Admin- 082798
Responsibility of FDA [**Food & Drug** Admin- 083881
Responsibility of FDA [**Food & Drug** Admin- 083882
Food eaten by red-backed vole, Clethriono- 085833
Minor fruits (Amelanchier, **elderberry, edible** 088841
Food & energy turnover of phytophagous in- 090150
during catlytic activities. [**Food, enzymes**]. 083104
How to sell our **food** in **Europe.** 082417
contamination of **foods** in 1972 & **evaluation** 082722
food control in meat & canned **food factory** 082758
A study on **edible fats** prepared fro Greek a- 082748
of corn steep liquor as **food** or **feed** & its wa- 083178
Microbial protein production. [**Feed, food**]. 083183
of corn steep liquor as **food** or **feed** & its wa- 083891
Microbial protein production. [**Feed, food**]. 083894
alkylthiopyrazines. [**Food flavorings**]. 083125
Packaging aspects of irradiated **flesh foods:** 083148
in Muridae. 1. passage of solid & **fluid food** 084370
of hygienic quality of **foods & fodder.** 082896
of environment & **foods** within **frame** of deve- 092385
microscopy to milk & other **food gels.** 083317
Mercury content of **foods** from **German** mar- 083227
Government food drug act regulates food ad- 082617
Conservation of **green food** by cooling & by 083888
Food guide for older folks. 082996
isolated from foodstuffs & **food handlers** in 082821
a look at organic gardening; **health foods,** c- 088818
Healthy food of animal origin through feedi- 083166
during sterilization of canned **food heated** by 083117
Amelanchier, elderberry, **edible honeysuckle** 088841
Protection of **foods & human** safety. 082842
B12 content of certain **Hungarian foods.** 082980
Studies on food additives in **imported foods:** 082739
production & investments in **food industry.** 082494
development in agriculture & **food industry** 082553
problems of agriculture & **food industry** in e- 082667
Food industry & food inspection. 082709
security, for & against. [**Food industry**]. 082721
Quality prognostic in **food industry.** 082770
type of aid for hygiene in **food industry.** 083017
process-flow organization in **food industry.** 083060
in finding new solutions. [**food industry**]. 083061
of post graduate training in **food industry** in 083062
development in agriculture & **food industry** 083067
packaging: control scales in **food industry.** 083071
enterprise management in **food industry.** 083083
recent developments in **food industry.** 083085
in sixth boom after war. [**Food industry**]. 083109
work performance increase. [**Food industry**] 083167
Optimal transporting drives. [**Food industry** 083168

problems of agriculture & **food industry** in e- 083233
Work hygiene in **food industry.** [Dairy plan- 083338
Treats huge flowrates. [**Food industry,** indus- 092347
Food industry & **food inspection.** 082709
Analytical methods for **food inspection.** 6. [082872
Food intake regulation: amino acid toxicity 084264
materials for packaging of **irradiated foods.** 083137
of communocation in **food legislation.** 082534
Effect of kind of **food** on **life** cycle of lesser 089958
A priority: **Food** for **mankind.** 082545
passage of solid & fluid **food material,** pH 084370
Survey article: **food** with **median** moisture c- 083068
color additives in **food & medications.** 082881
of volatile in freeze-dried **food models:** syst- 083144
Bal-Ahar & Indian **Multipurpose food.** 082955
Muller & Boletus edulis, & **edible mushroom** 086445
Development of **edible mushroom** production 088810
National food situation. 082508
Notes on eutrophic action of a "**natural food**" 082971
Study impact of **food & nutrition** education 082982
Rice: a genuine **nutritional food.** 082948
of chromatographic analysis of **food odors.** 083115
Research on smoking point of **edible oils.** 083027
Clay-heat refining of **edible oils.** 083128
Symposium: Processing of **Edible Oils,** pres- 083129
Baker's yeast--world's **oldest food** -is newest 083080
on Report of Club of Rome. [**Food outlook**] 082603
terphenyls in Canadian **food packaging** mat- 082699
Food packaging under focal point of a canni- 083056
Design for disposal in **food packaging.** 092349
on "Browning" of miso. [**Food pastes**]. 083211
Alternaria, Aspergillus, **Penicillium, food**]. 082801
Milk is a (not quite) **perfect food.** 082918
Food plants. [Nutrition, plant proteins]. 082975
digestion & utilisation of **food plants** by lar- 089763
treatment of wastewater from **food plants** w- 092336
treatment of wastewater from **food plants** w- 092337
by Staphylococcus aureus. [**Food poisoning**] 082819
its economic implications. [**Population, food** 082596
Food potatoes: future prices? [West Germa- 082303
lugubris Blanch. II. **Food preference.** 090801
Food prices still a world problem but end of 082369
phase II. Controls to curb **food prices.** 082388
buying of fresh versus **processed foods** rema- 082509
Guidelines for nutrifying 41 **processed foods** 082936
Computers in **food processing.** 083077
management skills in **food processing** indust- 083082
of Aspergillus oryzae. [**Food processing**]. 083010
investigational studies with **food-producing** 082794
implications. [Population, **food production**]. 082596
Role of storage in **food production** in Ghana 083084
environment protection & **food production.** 083177
of plant diseases for world **food production** 089511
environment protection & **food production.** 092399
organomercuric compounds in **food products.** 082777
stimulating factor of quality, [**Food products** 083100
organomercuric compounds in **food products.** 083108
a texture profile panel. [**Food products**]. 083153
On development of new **food products.** 083164
Significance of milk as **protective food.** 083350
New **protein foods** & future demand for meat 082362
from Dortmund overseas. [**Food, protein** sou- 083224
Sterilization of **food** by **radiation.** 083212
Government food drug act **regulates food** ad- 082617
Food regulatory activities. 082831
of fresh versus processed **foods remains** stab- 082509
Feeding & **food requirements** of cabbage ma- 089993
gelable polysaccharide. [**Food research**]. 083143
pest management, **research, food** additives, p- 088818
Distribution of **food reserves** in "model" ho- 091162
Grow soybean for **richer food.** 088878
Food safety in 1973. 082743
Technologists' Expert Panel on **Food Safety** 082813
Micronutrients in **food salt** consumed in Ita- 082913
Escherichia coli bacteria & **food sanitation.** 082704
Food from **sewage?** It can be done. [Feed]. 084727
Food shortages: cause & effect. 082402
National **food situation.** 082508
Gracilaria confervoides). [**Food source**]. 083197
Food uses of **soybean** flour in relation with i- 082989
store performance: **food specials** merchandis- 082867
muscle tissue. [Chicken, **food spoilage**]. 082832
in nitrogenous constituents of **staple foods** 082956
in nitrogenous constituents of **staple foods** 083136
in nitrogenous constituents of **staple foods** 083883
studies on microbiology of **sugared foods.** 082703
Profile of Pacific Rim. [**Food supply**]. 082320
Outlook on world's **food supply** in year 200 082541
relieve west African drought. [**Food supply**] 082571
A new world outlook. [**Food supply**]. 082648
impact on agriculture. [**Food supply**]. 082654
Food supply & nutritional condition of indiv- 082930
impact on agriculture. [**Food supply**]. 082994
On theme: **Food taboos;** remarks on contrib- 082927
Development of **edible tallow** fractions for s- 083457
summary by Institute of **Food Technologists** 082813
glycoside structures. [**Food Technology**]. 083142
of gelatin suitable for **edible & therapeutic** 083066
Food as a **therapeutic** agent in feline urolith- 085719
in tin content of some **tinned foods** during s- 083101
permitted colours in **food** & their **toxicity.** 082806
of methionine & cystine in **foods treated** wi- 083151
Termites as pests of **tropical food** crops. 089827
pertaining to effeciency of **food utilisation** in 084108
in Cameroon: Production & **food value** of s- 088317
studies on growth rate, **voluntary food** cons- 084190
Feeding value of **food waste** products & their 084419
Feeding value of **food waste** products & their 084420
Food wastes as a supply for increasing fatte- 084732
pathogens & their occurrence. [**Water, food,** 092452
prevention of plant diseases for **world food** 089511
Amino acid composition of **food yeasts.** 083178

FOODGRAINS

linkages of new **foodgrain technologies.** 082057

FOODSTUFFS

provisions on quality control of **foodstuffs.** 082752
of dynamic elastic properties of **foodstuffs.** 083156
regulations & control of **foodstuffs** of **animal** 082892
copper content of **foodstuffs** by **biquinoline** 083204
isolated from **foodstuffs & food** handlers in 082821
appropriateness of **foodstuffs & general** cons- 082753
hygienic adequacy of **foodstuffs & general** c- 082756

FOOT

Linognathidae) from **feet** of an **African** ante- 090951
Isolation of a **foot-and-**mouth disease carrier 085323
Evidence for a group protein in **foot-and-mo-** 085395
immunobiological properties of **foot-and-mo-** 085446
Tables for estimating **cubic foot** volume & fr- 085983
capacities of hypoderma in **embryonic feet** of 090417
Induction of pisatin formation in **pea foot** r- 089201
Haemagglutination by type **SAT** 2 **foot-&** m- 085396
what you can grow in 100 **square feet.** 088766

FOOTHILLS

of plant communities in **foothills** of **Kopet-** 086659

FORAGE

for potatoes & sugar beets for **forage.** 083814
Annual forage trials. [Canada]. 088384
Forage balances calculated by means of elec- 084508
Foraging behaviour of honeybees (Apis melli- 091169
Perennial **forage breeding** projects. [Canada 086921
Perennial **forage breeding** projects. 086922
populations of honey bee **colonies foraging** 091103
adapted supply with **forage & concentrates** 084433
Natural forage crops, seeded **forage corps:** 088510
Republic: Evaluation for **forage cropping.** 084508
Colorado, [elymus junceus, **forage crops**]. 084477
Natural **forage crops,** seeded forage corps: 088510
on feed quality & yield of green **forage crops** 088393
Experience with **forage gorwing** under irriga- 092109
heavy metals in vegetables & **forage grasses** 082698
Feed value of summer crop of **forage grasses** 083862
heavy metals in vegetables & **forage grasses** 083868
of Altai wild ryegrass & other **forage grasses** 087721
fertilization on quality of **grassland forage.** 091879
Green forage harvest & feed preservation. 083869
Soybeans for **forage & green** manure. 083872
Transition to **green forage.** [Dairy cattle]. 084525
Green forage harvest & feed preservation. 088340
management in hay & **green forage** harvesti- 088341
date on feed quality & yield of **green forage** 088393
on forage yield, on spread of **forage growth** 088323
Green **forage harvest** & feed preservation. 083869
in hay & green **forage harvesting.** 088341
of combine CRF-2,1 when **harvesting forage** 091416
Colorado, [elymus **junceus, forage** crops]. 084477
Production & food value of some **local forage** 088317
Natural forage crops, seeded forage corps: 088510
Optimum forage production in areas with hi- 088476
Perennial forage breeding projects. [Canada 086921
Perennial forage breeding projects. 086922
equipment for distribution of **forages** to **pigs** 091414
production of livestock. [**Forage plan** ts]. 084448
management, & yeilds in 1972. [**Forage plant**] 088391
sweetclover--annual & valuable **forage plant.** 088549
of use to animal industry. [**Forage plants,** cu- 082309
ensiling, & haymaking. [**Forage plants**]. 083676
Mineral content of **forage plants** from Rein- 087717
New pasture varieties. [**Forage plants**]. 088320
CRF-2,1 when harvesting **forage plants.** 091416
Forage problems on state farms. 088477
Optimum **forage production** in areas with hi- 088476
Brush control & **forage production** in aspen 089632
physicomechanical properties of **forage root** 088512
Natural forage crops, **seeded forage** corps: 088510
management on undersown **forage seedling** 086649
Three winter-**summer forage** systems for gr- 084623
Forage tests show need for potassium. [Catt- 084523
Annual **forage trials.** [Canada]. 088384
their management on **undersown forage** seed- 086649
White sweetclover--annual & **valuable forage** 088549
distribution & aftermath on **forage yield** & 084432
Progeny testing for **forage yield** in tall fesc- 086889
application at different times on **forage yield** 088323
distribution & aftermath on **forage yield** & 088324
Studies on **forage yield** from a newly establi- 088331
environmental variables & **forage yield.** 088358

FORECAST

Rural emergency care--problems & **prospects.** 081914
Programme] in retrospect & **prospect.** [Field 082519
in USSR: state, main trends & **prospects.** [086658
Programme] in retrospect & **prospect.** [Field 088310
Prospects for **agricultural** tractors. 091433
Forecast in **apicultural** research. 090460
its problems & **prospects** in West **Bengal.** 086031
Prospects of **chemical** thinning of apples in 088650
Integrated **control prospects** of major cabba- 090053
domain & **prospects** of their **development** in 085854
Present situation & **prospect development** of 091091
Retrospect & **prospect** on **farming** in high al- 082096
Flood forecasting model for Altaler catchm- 092258
Forecasting flood hydrographs on danube by 092260
Improved prospects seen for U.S. Cotton in 082390
in 1972 & **forecasts** of their **incidence** & des- 089534
Meteorological forecasting & agricultural m- 082133
Flood **forecasting model** for Altaler catchm- 092258
in last 25 years, **Forecast possibilities.** 088245
Preliminary forecast of land use from stand- 085981
Tendencies & **prospects** of **production** & co- 082560
Trade teams **report prospects** good for U.S. 082386
Weather **forecasting requirements** of specific 088759
Forecasting runoff from universal surface ga- 092213
Seasonal forecasting of spring growth & flo- 087754
Results & **prospects** for **study** of tuberculosis 085445
Results & **prospects** in **study** of flora of Finl- 086578
Prospects for **sunflower** as an arable crop in 088443
Nigeria: **prospects** for a **tomato** paste indust- 082653
of long-term **weather forecasting.** 088407
Weather forecasting requirements of specific 088759
of weather study & **weather forecasting** in p- 088760
interval of Acacia in last 25 **years, Forecast** 088245

FORELIMBS

SEE LIMBS

FOREST

not let us underestimate rime in our **forests** 085839
Environment for what? [**Forests**]. 085859
competion for clearing wind-fall. [**Forests**]. 085865
Safety in **forest.** 085869
capacity of rural road networks. [**Forests**]. 085889
on labor productivity. [**Forests**]. 085910
a case study of Fukuoka Recreati on **Forest** 085938
of road construction in flysh area. [**Forests**] 085943
Landscape & **forest.** 1. 085948
High edaphic limit of **forest.** 085960
in North Central United States. [**Forests**]. 086024
by means of zero-plot diagram. [**Forest**]. 086028
for control of harmful plant lice in **forest.** [090170
for SUGI (Cryptomeria japonica) **forest.** I. 091836
for investments to render **forests accessible.** 085922
How state **forest administration** considers r- 085884
Basic policies of **forest administration** & bu- 085966
in Turkish **forest administrationDevelopment** 085917
sp. n., a parasite of West **African forest** carn- 090264
sp. n., a parasite of West **African forest** carn- 090981
sp. n., a parasite of West **African forest** carn- 090982
Products of **American forests.** 086260
as an ecological problem. [**Forest animal** pe- 089474
with pictures of life of red **forest ant.** [Form- 085876
in outdoor female workers of **forest ant** Fo- 090835
with pictures of life of red **forest ant.** [Form- 090836
In **Ardenne forest.** [Lepidoptera]. 090887
productiveness of **aspen forests** in central Ob 088240
Experiences of State **Forest Ballenstedt** con- 085975
results of tests within State **Forest Bautzen.** 086081
of phytophagous insects in **beech forests.** I. 090150
Breckland forest soils. 091753
for large spans in **forest bridge** building. 085890
leaf & branch litter Hubbard **Brook Forest,** 088257
Genetics of **Brown Forest** soils with stanant 091481
Brown forest soils of Belorussia. 091703
of grapevine buds by **forest bursting** in sum- 088928
net radiation within a **forest canopy.** 086670
a parasite of West African **forest carnivores** 090264
a parasite of West African **forest carnivores** 090981
a parasite of West African **forest carnivores** 090982
Cloquet Forestry **Center forest** stand struct- 085945
People & **forests-- challenge** of forest recrea- 085849
after prescribed burning on **forest clearcuts** 090165
On rationalization of **forest clearing** & relief- 086065
fall in a new South Wales **conifer forest:** A 088272
Oligochaeta) in Norwegian **coniferous forest** 091689
of western Siberia. [**Forest conservation,** lo- 085881
Winter dieback of **forest crops** in Maritime 085823
Harmful factors in **forest cultures** below Kra- 089522
policy from point of view of **Danish forest** 085883
studies on control of **forest defoliators** with 090122
attitude toward trend in **forest development** 085972
from gypsy moth. [Porthetria **dispar, forest** 090133
of five coniferous species in **forest district** of 085976
ergonomy research works in **forest domain** 085854
in initial growth period. [**Forest ecology**]. 086623
Formica rufa in Italy in **forest ecology** arra- 091051
On formation of a special **forest-economic** r- 085978
enterprise management in **forest economy.** 085886
Forest & **forest economy** problems of Soviet 085955
intensification of **forest economy.** 085982
circulation of nutrients in **forest ecosystem.** 086671
cableway operators at **forest enterprise** Ban- 086192
sylvestris L.) in region of **forest enterprise** 091754

area and--what is an **established forest?** 085949
Better softwoods from **existing forests.** 086126
plantations at Petawawa **Forest Experiment** 085901
to age 50 at Petawawa **Forest Experiment** S- 086015
stands at Mamurogawa **experimental forest** 085933
depend on wood volume of **farm forest,** 1971 085952
bedfordeae in natural Todo-**fir forest** land: g- 085833
of volatile organic substances in **fir forests** of 088242
thermistors & thermocouples. [**Forest fire** c- 085871
of microbial component in a **floodland forest** 091667
schools & schools for **forest foremen** who at- 085840
situation for growth of **forests** on **forest** soils 085821
Forest & forest economy problems of Soviet 085955
Significance of **forests & forestry** for people 085848
research in Bulgaria. [**Formicidae, forest** pr- 085877
Forest if full of honey. 091140
Forest map & structure of **forest fund.** 085900
ideas on relation between **forests & game.** 085826
of birds on insect fauna of **forest & gardens.** 089792
Conservation of **forest gene** resources within 085818
Forest--goals & decisionmaking in Forest Se- 082655
Greek forests & wood industries. 086129
in Podzol soils, Brown & **Grey Forest** soils 091502
diameters in tropical **hardwood forests.** 085903
There poison, **here forest** hygiene!. 085875
Ecological solutions of **hydraulic-forest** prob- 085815
There poison, here **forest hygiene!.** 085875
Thoughts on **forest hygiene** from forest poli- 085994
Role of **forest** in **industrialized** society. 085990
development of forestry & **forest industries.** 085957
of changes in Georgia's **forest industries.** 086140
market information tool, [**Forest industries**] 086273
conservation problems. [**Forest influences**]. 085807
First fifteen years of Southern **Forest Insect** 090120
Forest insect pests in Korea. (Supplement I 091031
of Wurzburg University. [**Forest insects**]. 085873
Subfossil **forest insects** from Piilonsuo Moor 090870
developed at Pakistan **Forest Institute,** Pes- 092235
in mapping & **forest inventory** in Turkish fo- 085917
forms in representative **Japanese forest** soils 091650
Pests in forest nurseries & **forests** of **Jordan** 090110
bedfordeae in natural Todo-fir **forest land:** g- 085833
Managing **forest land** for recreational use by 085938
Weed control in **forest lands.** 089742
biotic & abiotic factors in **forest** of **Latemar** 085842
Formation of **forest litter** & its content of a- 091490
terrestrial microbial ecology. [**Forest litter**] 091506
bases for logging systems in **lowland forests** 085878
tasks of Association of **Forest Machinery** I- 086222
Selection **forest management** in South West- 085319
Welfare aspects in **forest management,** plan- 085909
Goal programming for **forest management.** 085914
New British tables for **forest management.** 085927
New trends in **forests management** in France 085928
tasks in domain of **forest management** draw- 085961
automatic drawing up of **forest management** 085963
of accounts & statistics. [**Forest management**] 085973
Managing forest land for recreational use by 085938
Forest map & structure of forest fund. 085900
EA35 within State **Forest Marienberg.** 086080
of certain vegetation types: **forest, meadow** 086656
distance between trees. [**Forest measurement**] 085991
A simple bole model. [**Forest mensuration**] 085913
with Weibull function. [**Forest mensuration**] 085915
concentrations of some **Minnesota forest** sp- 091942
Cicadinea of Zaaminsk **mountain-forest** pres- 090884
development of Japanese **national forests.** 085968
wood come from? 3. Our **national forests** un- 085995
In which way does State **Forest Neustrelitz** 085867
Devastation of **northeastern forests** by gypsy 090149
used in past in **forests** of **northern** Moldavia 085853
Forests in **northern** Iran along coast of Cas- 085929
Forests in **Northwest** of America: productivi- 085857
of trees & shrubs in **forests** of **Novosibirsk** s- 088241
Pests in **forest nurseries** & forests of Jordan 090110
Culture of **forest nursery** materials. 086033
pattern of fungal species from an **oak forest** 086680
of understory by Oklahoma **oak forests.** [Q- 088304
forests & problems of **forest operation** conn- 085942
from point of view of Danish **forest owner.** 085883
Forest owners attitude toward trend in forest 085972
of irrigation developed at **Pakistan Forest** I- 092235
to host infection. [Scolytidae, **forest peats,** b- 090116
Frame prognosis of occurrence of **forest pest** 090142
gypsy moth. [Porthetria dispar, **forest pests,** 090133
biological control of **forest pests.** 090146
red pine plantations at **Petawawa Forest** E- 085901
plantations to age 50 at **Petawawa Forest** E- 086015
Age structure & productivity of **pine forests** 085879
pines at various densities in **pine forests** of 085880
content of ash components in **pine forests** of 091490
studies on coccoid bacteria in a **pine forest** 091741
under influence of pine roots. [**Pinus, forest** 091489
in forest management, **planning forests** for r- 085909
at Mamurogawa experimental **forest plot.** 085933
Troubles & problematic of **forest policy** in 085882
Forest policy from point of view of Danish 085883
Forest policy side-lights. 085887
Actions in **forest policy** to control land use 085918
Development of **forest policy** in Australia. 085923
on forest hygiene from **forest policy** view. 085994
of Zaaminsk mountain-**forest preserve.** 090884
Sphagnum. 2. Peat mosses of **Preuilly forest** 086555
solutions of hydraulic-**forest problems.** 085815
model of United States **forest products** indu- 086137
in production of **forest propagating** material 085670
of forests on forest soils, & **forest protection** 085821
in Bulgaria. [Formicidae, **forest protection**] 085877
litter fall. [Pinus, **Pseudotsuga, forest** soils] 091643
to start of fires in **Rambouillet forest.** 085851
Drainage properties of **reclaimed forests** on 092214
forests-- challenge of **forest recreation.** 085849
Forest & recreation. 085919
problems by planning **recreation forests.** 085974
heavily used ponderosa pine **recreation forest:** 089730
Spa & **recreational forests** & problems of fo- 085942
forestry with pictures of life of **red forest** ant 085876
Fertilization of **forests** as **reflected** in confer- 091838
making for investments to **render forests** ac- 085922
A preview of New Jersey's **forest resource.** 085984
To valuation of effects of **forest** with **respect** 085864
work for cutting slope of **forest road** in Ehi- 085906
On decision of profile line of **forest road** by 085935
River by typhoons in 1971. [**Forest roads,** l- 085837
areas close to ground water. [**Forest roads**]. 085916
equipment in road building. [**Forest roads**]. 086193
related to host infection. [**Scolytidae, forest** 090116
Selection forest management in South West- 085319
Forest selection, seed farming & growing of 086039
enviromental factors in **selection forests.** 1. 088258
Semliki Forest virus-chick embryo cell inter- 085394
glucose on multiplication of **Semliki Forest** 085582
goals & decisionmaking in **Forest Service.** 082655
application in high **shelterwood forest,** & su- 085894
What does **forest signify** for Denmark? 085810
Forest-site relationships within an outbreak 090167
Microbiological examinations of a **forest soil** 091564
component in a floodland **forest soil,** southe- 091667
on coccoid bacteria in a pine **forest soil.** II. 091741
studies on coccoid bacteria in a **forest soil.** 091742
from surface-applied urea on **forest soil** by 091966
Results of **forest soil** melioration in western 092011
situation & development of **forest soil** conse- 092041
situation for growth of forests on **forest soils** 085821
fungi: a preliminary report. [**Forest soils**]. 086479
Genetics of Brown **Forest soils** with stanant 091481
influence of pine roots. [Pinus, **forest soils**]. 091489
in Podzol soils, Brown & Grey **Forest soils** 091502
chemical data from tropical **forest soils** (091536
litter fall. [Pinus, Pseudotsuga, **forest soils**] 091643
in representative Japanese **forest soils.** 091650
Sutdies on moisture status of **forest soils.** I. 091651
Lower fungi in **forest soils** & their significan- 091661
in Norwegian coniferous **forest soils.** 091689
Brown **forest soils** of Belorussia. 091703
Breckland **forest soils.** 091753
Nature & properties of some **forest soils** in 091769
New directions in fertilization of **forest soils** 091987
Eucalyptus maculata leaf litter. [**Forest soils**] 087593
First fifteen years of **Southern Forest** Insect 090120
On formation of a **special forest**-economic r- 085978
Forest species of softwood native of Bahia. 086576
of some Minnesota **forest species.** 091942
of momentum balance of a **spruce forest.** [P- 086669
Cloquet Forestry Center **forest stand** struct- 085945
Population dynamics of **forest stands**--an al- 085924
Effect of **forest stands** on soil temperature 091665
Soil fertilizing under **forest stands.** 091986
organize socialist assistance in **State Forest** 085867
How **state forest** administration considers r- 085884
Experiences of **State Forest** Ballenstedt con- 085975
machine EA35 within **State Forest** Marienb- 086080
to results of tests within **State Forest** Bautz- 086081
by use of Kyritz calliper in **State Forest** in 086082
econometric model of United **States forest** p- 086137
mineral fertilizers to corn in **forest-steppe** s- 082290
types: forest, meadow & **forest-steppe** comp- 086656
Subfossil forest insects from Piilonsuo Moor 090870
for due management in **forests subjected** to 085897
leaf chafer beetles of **forests** of **Sweden.** IV. 090163
present conditions of **forests** in **Switzerland** 086068
Forests & timber processing. 085947
Operations of Japanese oak **timber forests.** 085967
Contribution to reconstruction of **forest tree** 085841
Conservation of **forest tree** gene resources in 086010
Approach to intensive culture & **forest tree** 086041
to knowledge of effect of **forest tree** species 091666
Technical pruning of **forest trees** with a new 086016
moisture-stress-plot" technique. [**Forest trees**] 086086
in major commercial species. [**Forest trees**] 086109
on net assimilation of young **forest trees.** 088265
Physiology of **forest trees.** 4. 088295
Ecological impact of **tropical forests** on envi- 086664
chemical data from **tropical forest** soils (091536
mapping & forest inventory in **Turkish forest** 085917
of forest road in Ehime **University Forest.** I- 085906
Lepidoptera of Ehime **University Forest.** 090936
Ondonata of Ehime **University Forest.** 090937
of forest tree species in **forests** of **upper** Or- 085841
Forest utilisation & water & soil conservati- 085863
Forest utilization & intensification of forest 085982
Village forest a component of local economy 085965
Semliki **Forest virus**-chick embryo cell inter- 085394
on multiplication of Semliki **Forest virus** & 085582
Research on chemical control of **forest weeds** 089704
felling systems in **forests** of **western** Siberia. 085881
Forest & wildelife. 2. 085992
General dynamic features of **willow forests** in 086621
Studies on utilization of **forest wood** residues 086242
by insects & mites in **forests** & other **woody** 090147
accidents & disasters to **forest workers.** 085856

FORESTERS

Josef Hasek sixty years old. [**Foresters**]. 085816
H. H. Hilf 80 years old. [**Foresters**]. 085829
F. Hafner 70 years old. [**Foresters**]. 085830
R. Ganssen 70 years old. [**Foresters**]. 085831
Herbert O. Fleischer 60 years old. [**Foreste-s**] 085834
Ernst Rohmeder [**Foresters**]. 085861
at age 70, in November 1972. [**Foresters**]. 085862
Part played by **French foresters** in evolution 085852

FORESTRY

income rates in agriculture & **forestry.** [Aus- 082053
of activity of Scientific Institue of **Forestry** 085825
Forestry: time to dig in? 085843
a system of socio-economic data in **forestry.** 085896
of system of remuneration. [**Forestry**]. 085941
of modern management. [**Forestry**]. 085962
university Philippines] college of **forestry.** 089704
Use of herbicides in **forestry.** 089722
of pest control in agriculture & **forestry.** [In- 089781
Forestry activities in Amazon region. 085814
Hesse German Federal **Forestry Agricultural** 085822
of modern ecology. [**Agriculture, forestry**]. 082028
foremen who attended **forestry apprentice** t- 085840
Cloquet **Forestry Center** forest stand struct- 085945
Forestry with & without use of **chemicals.** [086051
Cloquet Forestry Center forest stand struct- 085945
lowland: Basis of **forestry constructive** leadi- 085891
economical consideration. [**Forestry, costs**] 085921
Forestry education in Britain. 085846
An offence for dialogue. [**Forestry education** 085847
results of Hesse German **Federal Forestry** 085822
A current bibliography of **Finnish forestry** li- 085868
activity & development of **forestry & forest** 085957
in western Siberia. [**Forestry, history**]. 085809
bibliography of Finnish **forestry literature.** 085868
about development of **forestry machinery** re- 085912
Task spectrum & volumes for **forestry offices:** 085822
Can we obtain **optimum forestry?** 085953
Significance of forests & **forestry** for **people** 085848
A tranquillizer for **forestry** with **pictures** of 085876
Timely problmes of **forestry policy** in Europe 085908
conservation in relation to **forestry practice** 086011
Canadian Institute of **Forestry program** on 085819
use from standpoint of **forestry & protection** 085981
Regulating forestry terminology. 086340
standard stands for **forestry research.** 085820
shallow bedrock in **forestry research** & man- 085828
classification for **forestry** in **Saskatchewan.** 085969
Investigation of pupils of **secondary forestry** 085840
Forestry studies in western Siberia. 084989
of pupils of secondary **forestry technical** sch- 085840
Regulating **forestry terminology.** 086340
aspirants in Section of **Forestry Tharandt,** a 085866
foresters in evolution of **Turkish forestry.** 085852
Development of **forestry & wood** technology 086230

FORMALDEHYDE

of glutaraldehyde & **formaldehyde fixation** of 084561
Efficiency of **formaldehyde fumigation** in th- 085259
Interaction of **formaldehyde** & X-**rays** on m- 090528
On decomposition of urea **formaldehyde res-n** 091805
Effect of **formaldehyde treatment** of barley 084444

FORMALIN

in composition of milk **containing formalin** 083275

FORMAMIDE

properties of wood swollen with **formamide.** 086186

FORMICA

female workers of forest **ant Formica** polyct- 090835
Ants of **group Formica** rufa in Italy in forest 091051
of life of red forest ant. [**Formica polyctena**] 085876
of life of red forest ant. [**Formica polyctena**] 090836
flat areas in Serbia. II. [**Formica pratensis**] 090287
Special behavior of **Formica rufa** 1. (Hyme- 090426

FORMICIDAE

alienus (Forst) (Hymenoptera: **Formicidae**) 090746
alienus Forst (Hymenoptera: **Formicidae**). 090747
supplement (Hymenoptera: **Formicidae:** My- 090965
mountains (South Carpathians). [**Formicidae**] 091050
research in Bulgaria. [**Formicidae, forest** pr- 085877
Foerster (**Hymenoptera, Formicidae**). 090835
group (**Hymenoptera, Formicidae**) & hints to 091052
on control of ants. [**Formicidae, trees,** austr- 090169

FORMULA

A **formula** for **giant** ears in maize. 087013
A new **formula** for **vegetable** crops, SIOLC- 089686

FOSSILS

Subfossil forest insects from Piilonsuo Moor 090870

thalictroides, with notes on **fossil record** in 086607

FOULBROOD
Foulbrood & suspicion of **foulbrood.** [Honey- 091111
Age of observed change caused by **foulbrood.** 091112
alvei, Streptococcus apis, **european foulbrood**] 091198
Experiments in **treating foulbrood** in Azerba- 091194

FOWL
Early inflammatory reaction in **fowl.** A light 085190
caused by Aspergillus fumightus in **fowl.** 085470
is called petitoneal carcinomatosis of **fowl.** 085703
technique for detection of **fowlpox antigen.** 085265
against experimental **fowl cholera.** 085363
certain antibiotics in cases of **fowl cholera** in 085455
to mixed infections of Escherichia **coli, fowl** 085365
Studies on helminthic infection of **desi fowls** 085362
tubule in testis of **domestic fowl** (Gallus do- 084210
cell & its defferentiation in **domestic fowl** (084211
Avian caeca; a review. [**Domestic fowl**]. 084363
female reproductive tract of **domestic fowls.** 085364
pathological conditions of **domestic fowls.** 085683
uptake by eggs of mallards & **guinea fowl.** 084109
Intoxication with ammonia of **guinea fowl** of 085789
bile acids in intestine of **laying fowl.** 084261
Capillaria obsignata in **fowls** by **Leva** misole 085219

FOXES
with frozen semen in blue fox. [**Arctic foxes** 084891
ducts in Shadow blue fox. [**Arctic foxes**]. 085711
of Eunarcon in rearing **foxes, dogs** & cats. [085114
by ethyl methane sulphonate. [**Fox tail** mill- 086863

FOXGLOVES
subspecies & strains of **foxglove aphid,** Aula- 089429

FOXTAILS
emergence & persistence of **green foxtail.** [087722

FRACTION
in particular soil **aggregate fractions** & their 091725
II. Analysis of **antigenic fractions.** [Rabbits] 085479
for isolation of **antigenic fractions** of Asperg- 087189
DNA-containing ("nuclear") **fraction** of **cells** 091672
gamma 2 **immunoglobulin fractions.** 085345
bound proteins: a **fraction** from **leaves** that d- 087962
of carbohydrates in different **malt fractions** 083032
exchange capacity of **mechanical fractions** in 091702
from isolated **metochondrial fraction** of skel- 082832
Effect of cellulose & wheat **mill-fractions** on 082915
rancidity in isolated **mitochondrial fraction** 082833
of this **fraction** with low **molecular** constitu- 084027
s protein with urea on **nitrogen fractions** & 084544
buffalo bulls on rumen **nitrogen fractions** & 084556
I. distribution of protein **fractions obtained** 083655
Nondialysable sugar **peptide fraction** of bov- 084027
Effect of **petroleum fractions** & two emulsifi- 089867
of some herbicides on **phosphorus fractions** 089718
A comparison of **fractions prepared** from na- 084459
proteins. I. distribution of **protein fractions** 083655
mineralogical composition of **sand fractions** 091670
of DEAE-dellulose **separated fractions.** 082951
germ: composition of **fractions separated** ac- 083548
Total cations in **size-fractions** of some Briti- 091647
VI. Components in ether **soluble fraction.** [086180
phosphatase activity in a **soluble fraction** fr- 087977
cowpea mosaic virus in **subcellular fractions** 089416
Development of edible **tallow fractions** for s- 083457
in mangrove soils: Proof of a **fraction tied** to 091478

FRACTIONATION
studies on **fractionation** & **characterization** of 083553
Enzymatic fractionation of carbon isotyopes 087837
related to **technological fractionation** of but- 083329

FRACTURES
A rare type of **pelvic fracture** in a dog & a 085805
Surgical correction of **spinal fractures** & lux- 085010

FRAMES
storage houses in fixed **frame building** meth- 091272
foods within **frame** of **development** of human 092385
instruction in **frame** of **improving** agricultural 081904
within new **frame** of **institutions:** report on 082605
Relation of **physical frame** of cows to meat 084381
Frame prognosis of occurrence of forest pest 090142
Manufacturing of **frame work** parts from ve- 086235

FRANKFURTERS
Primary **clouding frankfurters** of pickle & a- 083411
Effect of **frankfurter cure** ingredients on n-n- 083466

FRANKLINIELLA
Epitrix histipennis, **Frankliniella fusca,** My- 089967

FRAXINUS
SEE OLEACEAE

FREEZING
on some fruits as a pretreatment for **freezing.** 083748
treatment for potatoes for **freezing.** 083796
seeds to desiccation & low **freezing.** [Wheat, 087744
of raw beef: influence of **aging, freezing** rate 082959
Effect of **freezing** on **appreciation** of acidity 083713
dehydration & rehydration of **certain freeze** 083707
Freeze-conservation of imaginal discs & larv- 090841
Freeze-conservation of imaginal discs & larv- 090842
A look at **damaging freeze** of December, 19 089538
of suitability for **deep freezing** of bull semen 084981
of retention of volatile in **freeze-dried** food 083144
of soil as viewed by **freeze-etching.** 091645
Spring & **fall freeze** probabilities for Nebra- 089530
procedure on liability to **freezing** of **ground-** 088869
subsequent results of winter **freeze injury** on 089536
lamb & its relationship to **freezing practice** 083460
Substrate freezing & thawing as a factor in 091691
Freezing of **unflattened** butterflies: Stateme- 090442
contortus after **freezing** for 44 **weeks** in pre- 085400

FREQUENCY
of pollen parent on **androgenesis frequency.** 087055
Meiosis in grasshopper: **chiasma frequency** a- 090629
Investigations into **frequency** of **chlorophyll** 086872
Installations for radio **frequency control** in i- 092145
recombination & **conversion frequencies** are 086766
position within tassel on **crossover frequency** 087045
of heat treatment on **crossover frequency** (b- 087046
Frequency-dependent system behaviour in P- 087985
High **frequency devices** used in wood gluing 086173
Distribution, frequency of occurence & popu- 089546
Effect of **frequency** of **food** administration of 084400
Heart frequency during standardised exercise 084368
Frequency mapping of blackberry species (086396
to stomatal length & **frequency** & **pollen-gra-** 086900
to knowledge of **frequency** & **prevention** of r- 084340
Frequency of **seedlings** from natural self-fert- 086070
Effect of **frequency** & **severity** of cutting on 088337

FRESHNESS
tinned meat depending on **freshness** of **raw** 082771

FRESHWATERS
Amino acid composition of **freshwater algae** 087235
of herbicides on some **freshwater animals.** 089664
effect of meltwater on **freshwater** & **aquatic** 092343
spoilage bacteria in **freshwater crayfish** Pro- 082811
Effects of pollution on **freshwater fish.** 092460
pollution: **freshwater macroinvertebrates.** [092448
of lipids in meat of **freshwater** & **seawater** fi- 083226

FRICTION
Friction between **teat** & teatcup liner during 083962

FRIESIANS
SEE CATTLE

FROGS
from Indian pond-frog **Rana cyanophlyctis:** 085360

FRONT
Wire grating for **beehive front.** 091213

FROST
equipment used for control of **frost.** 089490
On formation of **frost clefts.** [Soils. 091624
Varietal difference in **frost hardiness** of tea 087431
on young winter wheat. [**Frost injuries**]. 089528
Report of **microclimates, frost** pockets & co- 089440
Frost prevention techniques. [Fruit]. 089502
Smudging. [**Frost protection**]. 089501
Frost resistance in Pseudotsuga menziesii of 088279
application on growth & **frost resistance** of 091923
Frost warning service. [Fruit]. 089500

FROZEN
between non-frozen & **frozen-and-**thawed m- 083493
migration & weathering in **frozen antarctic** 091752
Volatile transport in **frozen aqueous** solutio- 083053
Volatila transport in **frozen aqueous** solutio- 083054
characteristics of **frozen breaded** raw shrimp 082820
Frozen buds tomorrow--& what can one do? 089485
unit for production of **frozen concentrated** c- 083305
Some properties of **frozen concentrated** star- 083306
problems in production of **deep frozen** sperm 084958
Insemination with **deep frozen** sperm in view 084961
Quality changes of **frozen fish** after long-ti- 083621
weight determination of **frozen glazed** snow 083023
some enzymes extracted from **frozen green** 083751
Palatability of ground beef **home frozen** & s- 082750
Utilization of **frozen sections** with vaginal b- 084845
between some indices of **frozen semen** & its 084883
Intrauterine insemination with **frozen semen** 084891
Effects of thiol reagents & **frozen storage.** 082952
myofibrillar proteins during **frozen storage** of 082964
I. Studies on changes during **frozen storage** 083139
Effects of thiol reagents & **frozen storage.** 083597

FRUCTOSE
Estimation of **fructose diphosphatase-**phosp- 090475
swine & blood glucose & **fructose** in **fetal** pig 084848
Sweetness strength of **fructose** as a **function** 083174
of sucrose & **fructose** in **tobacco** & filler. 083680

FRUIT
Requirements for export. [**Fruit**]. 082480
residues in marketable vegetables & **fruits.** 4 082889
Requirements for export. [**Fruit**]. 082897
infusion in preserved vegetables & **fruits.** 083724
Packing of **fruits.** 083738
citerion of biological values of **fruits.** 083745
citrus tree on storability of its **fruit.** 087926
by using growth-inhibiting agents. [**Fruits**]. 088107
of abscission at hypobaric pressures. [**Fruits** 088153
information: Mechanized harvest of **fruits.** 088584
Decorative roles for vegetables & **fruit.** 088722
Frost warning service. [**Fruit**]. 089500
Frost prevention techniques. [**Fruit**]. 089502
ir apple & calcium content in its **fruit.** 089520
damaging freeze of December, 1972. [**Fruit**] 089538
Hemiptera-Homoptera-Diaspididae. [**Fruit**] 090093
salts & other looseners on **fruit abscission** of 087938
sensitivity of developing **apple fruits** to nap- 087936
Assessing ion leakage from **apple fruit** tissue 088052
Flow of chromium into **apple fruit** during de- 088172
their control. 2. Special **aspects -fruit** beari- 089507
glucan phosphorylase from **banana fruits.** 087974
indole-3-acetic acid oxidase of **banana fruit** 088085
Chilling injury in green **banana fruit:** chang- 089514
Fruit bearing zones in California citrus trees 088596
control. 2. Special aspects **-fruit bearing** veg- 089507
Weltzien. II. formation of **fruiting bodies** du- 089174
Ciidae) inhabiting **fruiting bodies** of Basidi- 090573
Breeding fruits for resistance. [Pests, diseas- 086918
Studies on time of **fruit bud** differentiation in 088197
study of **fruits** of **Bupleurum** falcatum Linn. 086784
Soviet Union to mechanize tree & **bush fruit** 088664
Weed control in berry & **bush fruits** (western 089734
Soviet Union to mechanize tree & **bush fruit** 091350
Larger U.S. Exports of **canned fruits** & vege- 082515
Volatile oil from herb & **fruits** of **Carum** cop- 087554
A Pestalotia sp. **causing fruit** rot in apple. 089057
Lam.) cultivars through **fruit characters.** 086821
of dodine & azinphosmethyl to **cherry fruit.** 089213
Biology & control of western **cherry fruit** fly 090069
Cherry fruit fly in Oregon: a nomenclature 090947
Problems in processing of **chestnut fruit.** 083806
Second blooming & **fruiting** of **chestnut** plant 088099
analysis of thiabendazole in **citrus fruits.** 082739
Degreening **citrus fruit** with postharvest app- 083698
Brown rot of **citrus fruit.** [Phytophthora]. 089152
Controlling rind blemish in **citrus fruit.** 089486
Clinging fruits, outlook & selling of rural st- 082576
Litchi--a promising **fruit crop** in Bihar. 088631
Fruit crop & quality regulation in Perlette 088886
nitrogen dressing of **fruit crops** (apple, pear) 092003
in relation to pollination. [Field **crops Fruit** 091101
Fruit cultivars for northern Wisconsin. 088550
Fruit cultivation & bee keeping. [Hymenopt- 091227
Operation systematization for **fruit culture** 088555
Ecological map for use in **fruit culture.** 088565
soil maintenance techniques in **fruit culture,** 088645
Experiment Station. [**Fruit culture**]. 088892
Soil structure & management. [**Fruit culture** 088917
following a mild winter. [**Fruit culture**]. 089484
what can one do? [**Fruit culture**]. 089485
Weed control of **fruit culture.** 089687
Integrated control in **fruit culture.** [Pests, i- 090024
soil maintenance techniques in **fruit culture,** 091882
Soil structure & management. [**Fruit culture** 092061
Nutritional state of **Danish fruit** orchards as 091989
in labor-saving culture of **deciduous fruits.** [088796
Pests of **deciduous fruit,** grapes & miscellan- 090079
plant growth substances in **developing fruit** 087932
A stem & **fruit disease** of papaya in Barbad- 089208
benomyl & cerobin. [Fungus **diseases, fruits**] 089162
is prepared in orchard. [**Fruit, diseases**]. 089443
of kernel & endocarp of **fruit** of **Doum** palm 088007
rehydration of certain freeze-**dried fruits** & 083707
bromide & sodium benzoate. [**Dried fruits,** 089042
on insect resistant packages. [**Dried fruit**]. 090178
Research activities at **Dried Fruit** & Tree N- 090180
Defoliation & **fruit drop** after Bordeaux mix- 089513
Early fruiting & culture of Delicious apple. 088098
Results & goals of **fruit economics.** 082310
in developing Lycopersicon **esculentum fruit.** 088127
based growth substance on **fruit fall** & embr- 088070
Biology & control of western cherry **fruit fly** 090069
seasonal abundance of olive **fruit fly,** Dacus 090088
colour variations in adults of olive **fruit fly,** 090089
affecting control of Mediterranean **fruit fly** 090099
colour variations in adults of olive **fruit fly,** 090798
Cherry **fruit fly** in Oregon: a nomenclature 090947
Processed vegetables & **fruits** in **foreign** tra- 082413
for "small land owners". 5. New **fruit forms** 088884
Exports of **fresh fruits** from OECD-[Organi- 082412
Studies on **fruiting** of **fruit** trees. 2. [Apple, 087925
Studies on coloration in **fruits** of **Fuyu** kaki. 083803
Studies on coloration in **fruits** of **Fuyu** kaki. 083804
Pests of deciduous **fruit, grapes** & miscellan- 090079
cultivation techniques in **fruit growing.** 088647
Development of large **fruit-growing** areas-- 088655
Road stabilization in **fruit growing** farms. 088856
Small-**fruit growing** in Italy & nearby count- 088857
Road stabilization in **fruit growing** farms. 091290

Fruit growth studies in Litchi (Litche chine- 088189
Effect of bunch covers on **fruit growth** & ma- 088219
Union to mechanize tree & bush **fruit harve-t.** 088664
Breakthrough! [**Harvesting, fruit**]. 091309
1973 Spray calendar for **fruits** in **home** gard- 089535
requirements for **fruit** & **horticultural** produ- 082395
On possibility of **increasing fruit** yields by u- 088107
regulation on Japanese **fruit industry.** 082600
distribution of tin between **fruits** & **infusion** 083724
Coleoptera: Ciidae) **inhabiting fruiting** bodies 090573
study of resonance in **intact fruits** & vegetab- 088077
of monetary regulation on **Japanese fruit** in- 082600
Sawning of **fruit juice** production in Japan. 082423
of processing on nutritive value of **fruit juice** 082922
osmosis permeation by heating. [**Fruit juice**] 083792
acidic exudate from lemon **fruit juice** vesicles 088237
quantities of perservatives in **fruit juices.** 083816
reddish color of peel of detached **kaki fruits.** 083803
Rejuvenating **kernel-fruit** trees in an intensi- 087185
Development of **large fruit**-growing areas-- 088655
Drying of fruit purees (**fruit leathers**). 083727
Endogenous acidic exudate from **lemon fruit** 088237
to storage & ripening in **mango fruit.** 083690
regulators on storage life of **mango fruit.** 083832
affect Oregon growers. [**Fruit, marketing**]. 082447
affecting control of **Mediterranean fruit** fly 090099
Minor fruits (Amelanchier, elderberry, edible 088841
Some major possibilities for a **minor fruit.** 088842
Interesting **native fruit** of Pacific NW. [Nor- 086493
Fruiting nursery: ultrahigh density for evalu- 086938
Winter cold injury to **fruit nursery** stock. 089473
To tame wild ones. [**Fruits, nuts,** breeding]. 088852
sodium benzoate. [Dried **fruits, nuts,** fungi, 089042
seasonal abundance of **olive fruit** fly, Dacus 090088
colour variations in adults of **olive fruit** fly, 090089
Fatty acids of seed oil from **fruits** of **Opuntia** 083028
entomophagus on **orange fruits.** 089510
Spiders often seen in **fruit orchards.** [Taxon- 091032
Nutritional state of Danish **fruit orchards** as 091989
Clinging **fruits, outlook** & selling of rural st- 082576
sprouting, flowering & **fruiting** in **Perlette** v- 088195
to aid chemical control of pome **fruit pests** 090010
Quality of **fruits** is **prepared** in orchard. [Fr- 089443
salts on some **fruits** as a **pretreatment** for fr- 083748
Present state of large-scale **fruit production** 082132
Chemical tools in **fruit production.** [Growth 088119
exchange of experience on **fruit production** a- 088665
Present state of large-scale **fruit production** 088667
malic acid in **fruits** & their **products** by gas 083749
Litchi--a **promising fruit** crop in Bihar. 088631
Drying of **fruit purees** (fruit leathers). 083727
between cropping season & **fruit quality** of 088558
in cranberry leaves & **fruit, related** to cool t- 088049
trees on EM-26 at Rutgers **Fruit Research** 088830
Seed & **fruit ripeness** in apple variety Gold- 088205
of ethylene & tomato **fruit ripening** as influ- 088063
Variations in **fruit-rot** susceptibility of stra- 089026
A Pestalotia sp. causing **fruit rot** in apple. 089057
cucurbitarum causing soft **fruit rot** of chillies 089079
control of tomato **fruit rots.** [Rhizoctonia so- 089219
Apple trees on EM-26 at **Rutgers Fruit** Res- 088830
Present state of large-**scale fruit** production 082132
Pollination & **fruit set** on Ryoal Ann in Wil- 088120
on vegetative growth, flowering & **fruit-set** in 088188
acetic acid for more cotton. [**fruit-set**]. 087755
Fruits on a **small** scale. 088727
Small-fruit growing in Italy & nearby count- 088857
Choanephora cucurbitarum causing **soft fruit** 089079
Epidemics of **fruit soft** rot on green peppers 089305
New records of pome & **stone fruit** tree dise- 089087
Control of brown rot of **stone fruits** with th- 089220
Virus diseases in **stone fruits.** [Peach, cherry 089349
of postharvest losses of **strawberry fruits** fr- 088987
mosaic virus diseases on yield & **fruit sugar** 089350
Assessing ion leakage from apple **fruit tissue** 088052
Evolution of ethylene & **tomato fruit** ripeni- 088063
Characterization & control of **tomato fruit** r- 089219
Fruit & tree nut research at Western Regio- 083726
examination for growth energy of **fruit-tree** 088103
Trends of **fruit tree** shaping in CMEA count- 088663
Fruit tree espalier. 088729
Right measure in **fruit tree** prunning. 088854
size, bearing surface & yield of **tree fruits** & 088863
New records of pome & stone **fruit tree** dise- 089087
Chemical herbicides in **fruit tree** & berry cu- 089640
Weed control in **tree fruits;** eastern Washin- 089739
Radiation breeding of **fruit trees** in Canada. 086997
Rejuvenating kernel-**fruit trees** in an intensi- 087185
Studies on fruiting of **fruit trees.** 2. [Apple, 087925
of phosphoric acid application on **fruit trees.** 088100
Pollination & planting of **fruit trees.** 088211
in field-experiments with **fruit-trees.** 088807
Pruning of **fruit trees.** 088885
Rejuvenating kernel-**fruit trees** in an intensi- 088938
Armillaria [Mellea]root-rot of **fruit trees.** 6 089153
Fire blight susceptibility of **fruiting trees** of 089300
of iron deficiency chlorosis in **fruit trees** in 089477
in fighting fungus aand mites on **fruit trees** 089489
results of winter freeze injury on **fruit trees** 089536
Leaf rollers of **fruit trees.** [Capua reticulana 090046
of phosphoric acid application on **fruit trees.** 091925
pineapples & processed **tropical fruits.** 082560

Fruit & vegetable consumption in world. 082351
Fruit & vegetable preservation industry: pro- 083735
Fruit & vegetable culture; use of plastics ab- 088897
Fruit-, vegetable, & grain processing wastes 092443
Pick-your-own pays. [**Fruit, vegetables**]. 082089
special cultures in Hesse. [**Fruits, vegetables** 082217
fleshy plant tissues. [**Fruits, vegetables**]. 083801
Improved storage of **fruits** & **vegetables** by i- 083802
cold storage of **fruits** & **vegetables.** VIII. R- 083805
special cultures in Hesse. [**Fruits, vegetables** 088616
perishable commodities. [**Fruits, vegetables**] 091253
Phalsa--a quick **yielding fruit.** [Grewia asiat- 088881
On possibility of increasing **fruit yields** by u- 088107

FRUITFULNESS
SEE FERTILITY

FUCHSIAS
with a vestured pit. [**Fuchsia excorticata**]. 086785

FUELS
Farm fuel shortage. 082542
Flight performance & **fuel utilization** as a f- 090641

FULVIC
Dissolution of chlorite minerals by **fulvic ac-d.** 091558

FUMIDIL
Effect of **Fumidil** B, **Nosemack** & Humatin 091082

FUMIGANTS
influence of **fumigants** on their **viability.** 083527

FUMIGATION
on rhizomanio of sugar beets [**Fumigation**]. 089506
substrate for **Aspergillus fumigatus.** 083880
Aspergillus fumigatus in samples of moldy si- 084591
antigenic fractions of **Aspergillus fumigatus** 087189
Efficiency of **formaldehyde fumigation** in th- 085259
infested soil after preplant **soil fumigation.** 089548
Weed control with **soil fumigation.** 089743
Phosphine residues on **soybeans fumigated** w- 090351
of phosphine residues in **fumigated tobaccos.** 087893

FUNDS
SEE FINANCE

FUNGICIDES
in berry cultivation. [**Fungicides**]. 089059
Mildew control with new **fungicide.** 089134
media by propylene oxide. [**Fungicides**]. 089160
diseases of cereals in vegetation. [**Fungicides**] 089243
seedling rot of maize with **fungicides.** 089244
Citrus canker & its control with **fungicides.** 089245
agents for **antifungal activity.** 089167
acitivity relationships in **antifungal agents:** a 088979
Screening for **antibacterial, antifungal** & ant- 087197
Persistence of **fungicide benomyl** in different 089277
products of systemic **fungicide, benoymyl.** 089105
doses of a mercurial **fungicide, Ceresan** M. 090344
Redistribution of **fungicides** in coffee trees. 089048
yl carbamates. [Systemic **fungicides, Cotton** 089169
methyl & a piperazine **derivative fungicide.** 089220
with a peperazine **derivative fungicide** on Ve- 089221
detection of **dithiocarbmate fungicides** by th- 089078
on persistence of organotin **fungicide fentin** 089168
Effects of several **foliar fungicides** on fatty a- 083774
of **fungicides** on **Helminthosporium** papaveris 089259
fruit culture. [Pests, **insecticedes, fungicides**] 090024
food inspection. 6. [**Insecticides, fungicides,** 082872
spray applications. [**Insecticides, fungicides**] 089246
sugar beet seed. [**Fungicides, insecticides**]. 089258
spray applications. [**Insecticides, fungicides**] 089829
sugar beet seed. [**Fungicides, insecticides**]. 089946
of a second **antifungal isoflavan** from diseas- 088149
given oral doses of a **mercurial fungicide,** Ce- 090344
with systemic & **nonsystemic fungicides.** 089212
Fungicidal action of some new **organotin** co- 089086
Studies on persistence of **organotin fungicide** 089168
inspection. 6. [Insecticides, **fungicides, plant** 082872
Research on a **fungicide preparation** for surf- 082855
activity. XXX. **Fungicidal properties** of two 088983
Resistance to benomyl & **related fungicides** 089005
Identification of a **second antifungal** isoflav- 088149
beet. 3. On effects of **several fungicides** & n- 089121
Results of supply of **systematic fungicides** in 089287
of & resistance against **systemic fungicides.** 089050
aspects of using **systemic fungicides.** 089052
"benlate", a new **systemic fungicide.** [Cherri- 089067
hydrolysis products of **systemic fungicide,** b- 089105
aldicarb: effects of **systemic fungicides** on th- 089108
Botrytis cinerea against **systemic fungicides** 089156
yl carbamates. [**Systemic fungicides,** Cotton 089169
aldicarb: effects of **systemic fungicides** on th- 090352
sensitivity to **fungicides** of **Thielaviopsis** par- 089166
Postharvest wax-**fungicide treatments** of nec- 083846
smut of wheat: Results of **fungicide trials** of 089103
Postharvest **wax-fungicide** treatments of nec- 083846

FUNGITOXICANTS
systemic & non-**systemic fungitoxicants** for 089077

FUNGITOXICITIES
isozonarol, **fungitoxic hydroquinones** from b- 087426

FUNGUS
Notes on **fungi** from L. N. Goodding Resear- 086354
Structure & evolution of **fungi.** 086482
microbialcells in natural habitats. [**Fungi**]. 086639
Structure & evolution of **fungi.** 086798
peptides. I. Primary specificity. [**Fungi**]. 087229
occurrence of methyl mercury in, some **fungi** 087352
plant growth-regulator produced by a **fungus** 087608
resistance & glycolitic ability of **fungi.** [Fun- 087638
on phylloplane microflora of barley. [**Fungi**] 089004
How to control potato diseases. [**Fungi**]. 089053
diseases from Himachal pradesh. II. [**Fungi**] 089087
Mouldy head of Triticale. [**Fungi**]. 089093
diseases of chilli (Capsicum annum). [**Fungi**] 089095
with special reference to latency of **fungus.** 089111
resistance & glycolitic ability of **fungi.** [Fun- 089289
II. Effect of secondary interaction. [**Fungi**] 087230
nitrogen in soils infested with take-all **fungus** 089170
Can methods used in fighting **fungus aand** m- 089489
Pseudomonas glycinea & **fungi affect** soybean 089239
Fungi Agaricini novazelandiae. I-V. 086494
seedlings. [Betula **alleghaniensis, fungi**] 089228
Studies on certain soil **fungi antagonistic** to 089085
Studies of an **anthracnose fungus** on broadle- 089111
of soluble nitrogen by **aquatic fungi** in nature 087307
symposium on pathogenic **fungus Armillaria** 089030
Fungi associated with respiratory diseases of 085367
Contribution to **Austrian fungus** flora. 086605
benzoate. [Dried fruits, nuts, **fungi, bacteria**] 089042
Pathogenicity of **fungi** & **bacteria** from india 089658
Comparative studies on a **fungal** & **bacterial** 087389
captan or thiram upon **fungal** & **bacterial** p- 090378
of Cercospora control. [Sugar **beets, fungus** 089171
in Kitami District. [Polymyxa **betae, fungus** 089114
Cultural study of gray mold **fungus Botrytis** 089063
of Phytophthora palmivora. [**Cacao, fungus** 088992
mite **Caloglyphus mycophagus,** with referen- 090607
bentonite on growth of **cellulolytic fungi.** 091716
in dimorphic **chromomycosis fungus** Phialop- 087413
Fungal collections from Rajasthan State of 086591
maydis (Nisk & Miyaki). [**Corn, fungus** dise- 087066
of fruiting bodies during **fungus cultivation.** 089174
a nutrient Medium. [Wheat, **fungus disease**] 089180
Phyllanthus emblica, **fungus diseases**]. 086832
Nisk & Miyaki). [Corn, **fungus diseases**]. 087066
palmivora. [Cacao, **fungus diseases**]. 088992
parasite relations. [Plants, **fungus diseases**] 089045
at a locality in Greenland. [**Fungus diseases**] 089055
Fungus diseases of black currants & possibil- 089061
District. [Polymyxa betae, **fungus diseases**] 089114
spraying methods. [**Fungus diseases,** control] 089161
of benomyl & cerobin. [**Fungus diseases,** frui- 089162
control. [Sugar beets, **fungus diseases**]. 089171
a criteria in selection. [**Fungus diseases**]. 089173
Fungus diseases of quince. 089261
Phyllanthus emblica, **fungus diseases**]. 089290
in tuber & root vegetables. [**Fungus diseases** 089098
Fungal disorders. [Apples, pears]. 089033
Sydow. [Phyllanthus **emblica, fungus** diseas- 086832
released by **entomophagous fungus** Beauveria 087639
Mycoflora of **Eucalyptus** maculata leaf litter 087593
Fungal extractives. IV. Structure of a novel 087616
Investigations on **fungal features** by scanning 086825
Can methods used in **fighting fungus** aand m- 089489
microscope slides of **filamentous fungi.** I. M- 086310
Proteophilous fungi & **fireplace fungi:** a prel- 086479
capitatum, a constituent of **fungal flora** of di- 084052
A short discussion of **fungi flora** of Tanganyi- 086586
Contribution to Austrian **fungus flora.** 086605
study on effect of benomyl on **fungal flora** in 091682
Studies on **foliicolar fungi** of soybean crop. 089076
to knowledge of species of **fungi found** in dif- 082893
Studies on **imperfect fungi.** III. Influence of 087597
Studies on **imperfect fungi.** II. activities of 087602
species of Ascomycetes & **fungi imperfecti,** t- 086594
Some interesting **Fungi Imperfecti** from Ind- 086598
Fungi isolated from gypsy moth. [Porthetria 090133
Aerobiology of two peanut **leafspot fungi.** [089190
Lower fungi in forest soils & their significan- 091661
relevance in nineteen seventies. [**Fungi, man** 086282
of larvae with **fungi Metarrhizium** anisopliae 090029
radish root infected by downy **mildew fungus.** 089046
to knowledge of **mycoflora** of some **milk** pr- 082894
Cultural study of gray **mold fungus** Botrytis 089063
L. on mycelial growth of **mycorrhizal fungi.** 087465
biotypes (races) of **fungus Mycosphaerella** p- 089260
Some new & **noteworthy fungi** from India. 086599
Some new & **noteworthy fungi** from India. 086600
Some new & **noteworthy fungi** from India. 086603
Concepts in **fungal nutrition** & origin of biot- 087324
sodium benzoate. [Dried fruits, **nuts, fungi,** 089042
et Borisov--a most serious **fungal parasite** of 089019
Study of **parasitic fungi** & their host plants. 086585
ability of fungi. [**Fungal pathogenes**]. 087638
A symposium on **pathogenic fungus** Armillar- 089030
of insecticides on some soil **pathogenic fungi** 089803
chromomycosis **fungus Phialophora** dermatit- 087413
on biology & control of **fungus Phoma** ling- 088995

Studies on **Phyllosphere fungi.** III. Leaf sur- 089275
studies on sclerotia of rice **plant fungi:** on sc- 089256
in host: parasite relations. [**Plants, fungus** d- 089045
changes in bacterial & **fungal populations** in 089137
Significance of methods for **preparing fungi** 086308
Proteophilous fungi & fireplace fungi: a prel- 086479
Particular cases of **seed fungi.** [Symbiosis]. 087601
Bond. et Borisov--a most **serious fungal** par- 089019
Studies on certain **soil fungi** antagonistic to 089085
studies on Pythium as pathogenic **soil fungi.** 089165
Soil fungistasis: evidence for an inhibitory f- 089198
of microbial measurements. [**Soil fungi**]. 091512
Techniques for study of **soil fungi.** 091526
Spatial pattern of **fungal species** from an oak 086680
of cacao beans infested with **storage fungi.** 083124
Phyllosphere fungi. III. Leaf **surface fungi** of 089275
Thermophilous & **thermotolerant fungi** in air 089018
of metabolites from several **toxigenic fungi.** 082801
on physiology of nematode-**trapping fungi** (089445
with bentonite on growth of **fungi utilizing** 091717
Fungi from three **varieties** of rice seed. 089080
Effect of **fungus Verticillium** dahliae on stru- 088982
of grass & herbage legumes. [**Fungi, viruses**] 089047
in a nutrient Medium. [**Wheat, fungus** disea- 089180
of DNA from **fungi** & **yeast.** 087451

FURAN

in **furanocoumarin biosynthesis.** [Umbellifer- 087478
Furanocoumarin biosynthesis in Ruta graveo- 087513

FURFUROL

5Hydroxymethyl-furfural (HMF) content in 083201

FURROWS

irrigated by means of **permanent furrows.** 091602

FUSARIUM

scanning electron microscope. [**Fusarium**]. 086308
Bluegrass (Poa pratensis) disorder: **fusarium** 088976
Seasonal patterns of **Fusarium** [solani] root 089066
scanning electron microscope. [**Fusarium**]. 089146
two plant-parasitic nematodes on **Fusarium** 089197
Fusarium blight, a destructive disease of Ke- 089023
decay: Its control. [**Fusarium caeruleum**]. 089082
potato tuber rotting by **Fusarium coeruleum** 089130
of potato seeds with **Fusarium coeruleum** & 089131
development of **Fusarium damages.** [Potatoes 089128
Effect of **different Fusarium**-species on sperm 084084
Tests on prevention of **Fusarium diseases** in 088991
in maize. [Diplodia, **Gibberella, Fusarium**]. 089140
Erwinia aroidaeae, **Fusarium moniliforme**]. 087389
Effect of **Fusarium mould** of barley on beer 083040
of chlamydospores by **Fusarium oxysporum** f 087461
Fusarium oxysporum f. sp. Elaeidis as a seed 089017
of agar plate by **Fusarium oxysporum** f.cori- 089083
biflorus caused by **Fusarium oxysporum.** 089088
Enumeration of **Fusarium oxysporum** f. pisi 089199
control of **Fusarium oxysporum** wilt of varie- 089205
lentil inoculation with **Fusarium oxysporum** 089292
Control of **Fusarium, Pythium** & Rhizoctonia 089263
Helminthosporium **sativum, Fusarium** solani 089198
nonpathogenic clones of **Fusarium solani.** [089201
Effect of different **Fusarium-species** on sperm 084084
Synergism between **Fusarium spp.** & cucum- 089176
Occurrence & control of **Fusarium wilt** in ca- 088981
luteus L.) resistance against **Fusarium wilt.** 089252

FUSICOCCUM

new host of **Fusicoccum amygdali** Del. 089099

FUSIFORMIS

Excystation of **Sarcocystis fusiformis** sporoc- 085343

FUSION

Mixing ratio of **fused phosphate** & superpho- 091922

GADFLIES

Control of **cattle gadfly** & external parasites 090267

GAEUMANNOMYCES

Saxmundham. [**Gaeumannomyces graminis,** 089253

GALANTHUS

Embryological survey of **Galanthus caspius** 086775

GALERUCINAE

(Coleoptera **Chrysomelidae Galerucinae**) 090472

GALIUM

Relbunium mazocarpum to **Galium.** 086542

GALL

for control of eastern spruce **gall aphid.** [Pi- 090129
role of parasite in some **arthropod galls.** [A- 089817
Gall of **Biorhiza** pallida 01.: Ulterior stages 089816
utilization by normal & **crown-gall** teratoma 087862
Origin of phages in tissues of **crown gall** cul- 089294
Cane & **crown galls** of Tubus species. 089309
utilization by normal & **crown-gall** teratoma 089322
Investigations on silver **fir gall** midge, Agevi- 090171
Assessment of larval saddle **gall midge** popu- 089939
aphids in glasshouse by means of **gall midge** 090100
Development of needle-shortening **gall midge,** 090103
Phylloxera [vastatrix] **gall** & **normal** grape 090050
Membrane structure of **spore-galls** of corn 086794
XLVII. Insects reared from **galls** on **willow,** 090143

GALLERIA

in waxmoths. [Achroea **grisella, Galleria** me- 090479
in haemolymph of **Galleria mellonella** & B- 090520
connectives of **Galleria mellonella** (Lepidopt- 090692
lipolytic activity in **Galleria mellonella.** 090697
in diet of waxmoth **galleria mellonella.** 090749
Zett. (Trichoptera) und **Galleria mellonella** 090852
in haemolymph of **Galleria mellonella** & B- 091121

GALLINAE

SEE BIRDS

GALLUS

in oocytes of chick **(Gallus domesticus).** 084120
in testis of domestic fowl **(Gallus domesticus)** 084210
in domestic fowl **(Gallus domesticus).** 084211
excretion in laying hen **(Gallus domesticus)** 084269
mass in chicken **(Gallus domesticus).** 085776

GAMBIAE

on behaviour of **Anopheles gambiae** sp. B in 090224
Culex pipines fatigans, **Anophlees gambiae**] 090295

GAME

Meat & **game.** [Quality]. 082717
in pheasant with regard to diseases in **game** 085538
ideas on relation between forests & **game.** 085826
Pseudotuberculosis of **game** & other **animal** 085577
Meat from **big game** of Africa. 083492
meat, fish, poultry & wild **game consumption** 082461
of chemicals for preventing **game damage.** [089533
Bark-stripping by **game** as an **ecological** pr- 089474
A farm **management game** for high school s- 082094

GAMETES

Flagellar structure of **gametes** of **Ectocarpus** 086713
in microscopic analysis of **male gametes.** 084904

GAMETOGENESIS

Gametogenesis in **Chlamydomonas** eugametos 087119

GAMETOPHYTES

development of **female gametophyte** of Hal- 086773
amylase activity of intact **fern Gametophytes.** 087632
II. X-ray effects of **gametophytic generation** 087130
Androgenesis & **indeterminate gametophyte** 087055
Androgenesis & **indeterminate gametophyte** 087056
DNA of Anemia **phyllitidis gametophytes.** 087571

GANGLIA

Peripheral reflexes of **sympathetic ganglia** in 084256

GARBAGE

using sweage sludge-**garbage composts** as fer- 091806
Use of **garbage slag** for agricultural purposes 091839

GARDENCRESS

of seeds of Lepidium sativum. [**Gardencress**] 087627

GARDENERS

An almanac for **city gardeners.** 088714
know about soil; to: **orgainc gardeners.** 092001
Insect control for **vegetable gardeners.** 090056

GARDENING

Possibilities in grasses. [**Gardening**]. 088639
Solving **California gardening** problems. 088764
Gardening in **city** or suburbs; what you can 088766
Gulf **Coast gardening** notes form garden sh- 088576
Organic **gardening--family**-style. 088761
Sand **hill gardening.** [soils, improvement]. 092031
Let's take a look at **organic gardening;** heal- 088818
Moss planters for **soilless gardening.** 088716
Urban gardening--without a garden. 088767
Winter gardening in California. 088765

GARDENS

Sweet peas for your **garden.** [Lathyrus odor- 088627
Animals that are friends to your **garden.** 088640
Twelve nearly perfect trees. [**Gardens**]. 088691
Plants to grown. [**Gardens**]. 088712
Planting by sea. [**Gardens**]. 088718
Plants for sunless sites. [**Garden**]. 088723
Urban gardening--without a **garden.** 088767
A **garden**? why? 088883
Balanced pest control. [**Gardens**]. 090023
of birds on insect fauna of forest & **gardens.** 089792
A capillary watering system. [**Alpine gardens**] 088570
Phytotron in **botanical gardens** of Attila Jo- 086276
of scientific workers in **botanical gardens.** 086305
Crassulas in **California gardens.** 088594
Groundwork in **city garden.** 088711
in leaf & flower: contrast in **garden design** il 088612
Open areas improve **garden design.** 088756
Gulf Coast gardening notes **form garden** sh- 088576
Consider a **green garden.** 088642
A plot of land for **home garden.** [Landscapi- 088670
Thornless blackberries for **home garden.** 088927
Spray calendar for fruits in **home gardens.** 089535
Open areas **improve garden** design. 088756
A **garden** of **ingenious** design, Horsted Place 088613
Garden insect control without synthetics. 089844
Grow papaya in **kitchen garden.** 088879
Garden lighting. 088750
Garden machinery boom continues. [Great 082316
Garden manual. 088827
Open gardens: Lindenborg. 086297
Open gardens: Overgaard. 086298
of protection of **palmetto gardens** from pests 089563
How to **garden** without **pesticides.** 090009
Lilium as a **garden plant.** 088940
Production techniques on **garden plants.** 9. 088554
Starting with seed. [**Plants, gardens**]. 088741
Production techniques on **garden plants.** 9. 091791
Vegetable **garden primer.** 088724
Dwarf rhododendrons for **rock garden.** 088583
Gulf Coast gardening notes form **garden sh-w,** 088576
How my **garden soil** grew & grew. 092032
Garden symphylan: comparison of row & br- 090034
Biology & control of **garden symphylan.** [Sc- 090067
Vegetable garden primer. 088724

GARLIC

nuts, peanuts, copra, nuts, **garlic, beans** & ci- 090311
Existence of **"garlic-mustard"** odor in Parm- 082840

GASCHROMATOGRAPHY

method in **gaschromatography determination** 083628

GASES

life detection based on in situ **gas analysis.** 091544
First studies on use of electrons **capture gas** 083835
study of recovery & **gas chromatographic** qu- 082680
Gas chromatographic determination of dieth- 082684
study of recovery & **gas chromatographic** qu- 083021
fats by use of **gas chromatographic** method 083057
Gas chromatographic determination of dieth- 084068
A rapid method for **gas chromatographic** an- 087223
Gas chromatographic method for residue an- 089824
Reaction **gas chromatographic** analysis of p- 090345
Gas chromatographic method for residue an- 090371
insecticides. 3. **Gas chromatographic** determ- 090399
Gas-chromatographical determination of vol- 083913
Determination by **gas chromatography** of ac- 083065
their products by **gas chromatography.** 083749
Gas chromatography of C1 to C5 fatty acids 084225
Insect chemosterilants: **gas chromatography,** 090245
Use of **gas chromatography** for studies of d- 091520
Life detection by **gas chromatography**-mass 091543
use of electrons capture **gas-chronatography** 083835
poisonous & odorous **gas concentrations.** 091954
measurement & control in a **gas-exchange** c- 087723
Relationship between **gas exchange** & accu- 088032
in maize induced by hydrogen **fluoride gas.** 086966
Direct transfer of **gas forming** ammonia from 088112
Comparison of gas-**liquid, gas**-solid, liquid-li- 083120
of lactose in milk by **gas liquid** chromatogra- 083327
E) in cereals & grassmeals by **gas-liquid** chr- 083627
fescue (Festuca arundinacea) by **gas-liquid** c- 087767
of chloro-s-triazines in soil by **gas-liquid** chr- 089675
A modified procedure for **gas-liquid** chromat- 090346
among nitrogen analogs of **mustard gas.** [As- 086956
nitrogen dioxide reduction, **nitrogenous gas** 091554
view to reducing poisonous & **odorous gas** c- 091954
Influence of **gas packaging** on growth of mo- 082847
to acute intoxication with **poisonous gas.** 085806
reduction, nitrogenous **gas production,** & re- 091554
Reaction gas chromatographic analysis of p- 090345
Martian life detection based on in **situ gas** 091544
Comparison of gas-liquid, **gas-solid,** liquid-li- 083120

GASTRIC

Gastric cancer (scirrhous adenocarcinoma) 085651
on gel formation in pig-**gastric mucus.** 084140

GASTRIN

Influence of **gastrin** on **fecal** & urinary excr- 084160

GASTROENTERITIS

of **gastroenteritis** in **industrialised** pig reari- 085702
resistance to **transmissible gastroenteritis** of 085310

GASTROINTESTINAL

examination of G.I. **[Gastrointestinal]** tract. 084999
Treatment of **gastrointestinal helminthiasis** 085427
on occurrence of **gastrointestinal nematodes** 085430
Interaction of **gastrointestinal nematodes** es- 085340
Bezoars in **gastrointestinal system** of calves 085724

GEARS

Pneumostatic drives & **gears--measures** of ra- 083170
Stress on high performance **tractor gears.** 091393

GEESE

starving & re-feeding in cockerels & **geese.** 084107
shot on electrocardiogram of **Canada geese.** 084079
approach behavior of young **canada geese:** a 084118
shot on electrocardiogram of **Canada geese.** 085812
Preliminary studies on **goose down.** [Feathe- 083483

Protein & energy retention of **growing** geese 084314
microscopic examination of **goose-spermia,** as 084876

GELATIN

Agarose gel filtration of Triticum vulgare pr- 087826
Jens.) Schaff.) by polacrylamide **gel column** 088483
Applications of **combined gel** permeation ch- 083122
acid derivatives & silica **gels containing** nutr- 091561
Starch-**gel electrophoresis** of proteose-pepto- 084186
weight determination by **gel electrophoresis** 089415
Gel electrophoretic analysis of peanut prote- 082951
Gel electrophoretic analysis of peanut prote- 082952
microscopy to milk & other **food gels.** 083317
Effect of temperature on **gel formation** in pig 084140
Novel gel system, citrus yield ready-to-eat p- 082939
Gel permeation chromatography of heated f- 083602
characterization of **gel proteins** of wheat flo- 083553
of maize seeds in dessicator with **silica gel** 087868
Alterations of **gelatin suitable** for edible & t- 083066

GELATION

flour pentosans & their **oxidative gelation.** 083622

GELECHIIDAE

during diapause (Lepidoptera: **Gelechiidae**). 089887
sowing date. Lepidoptera: **Gelechiidae.** [Pect- 089948
Zeller). Lepidoptera: **Gelechiidae.** 090087
in pink bollworm. Lepidoptera: **Gelechiidae.** 090804
sp. n. (**Lepidoptera, Gelechiidae**), a new ins- 089981

GENERA

Park & Atyeo & Sclerodectes, new **genus.** 090241
to Nearctic & Palaearctic species of **genus** 090930
Park & Atyeo & Sclerodectes, new **genus.** 090966
Cyclopropylamino acids of **genus Acer:** distr- 088291
Tephritidae). I. **Genus Aischrocrania** Hendel 091014
Neotropical **genus Aitkenius:** three new spec- 090977
in genus Oncidium & some **allied genera.** 086350
Fauna catalog of **genus Andrena** Fabricius (090865
of a new subspecies of **genus Antinephele** or- 091040
morphology & toxonomy of **genus Arguscula** 086742
a key for **genus Argyroderma** N.E.Br. (Mes- 086485
Genus Arrojadoa. 086483
Aegacantha Bunge of **genus Astragalus** L. 086389
caddisflies. XVI. **genus Austrotinodes** (Trich- 090907
Neighbour effects in **genus Avena.** I. Compa- 087776
Genera of bamboos native to New World (G- 086577
A review of **genus Bryothinusa** with descript- 090941
Lichen **genus Coccotrema** in North America 086409
a new **genus** of **Convolvulaceae** from Madag- 086511
Pollen studies in **genus Cordia** (Boraginaceae 086348
Genus Crepidotus in Hawaii. 086433
on some species of centric **diatom genera** T- 086388
of European species of **genus Dichrogaster** 090945
cell suspension cultures of **different genera.** 088177
specificity in some **genera** of **Encyrtidae** & 090611
of three speices of **genus Entomophthora** to 087343
relationships, & revision of **genus Eriogenes** 091033
II. Species assigned to **genera Eugnathodus** 090955
New species of **genus Eurytoma** from United 090964
Okinawa Island, (**genera Falcileptoneta** [ok- 090863
Revision of **genus Felicia** (Asteraceae). 086476
A revision of **genus Gaura** (Onagraceae). 086610
of trypsin inhibitors in seed of **genus Glycine.** 087696
Keys to **genera** of **grasses** of Costa rica. 086552
A new **genus Harikrishnaella** from India. 086602
Genus Hedyotis Linn. in Maharastra State. 086459
Steereella, a new **genus** of **Hepaticae** from 086349
Species of **genus Heterodera** & their distrib- 089539
cultural observations. IV. **genus Hypocrea** & 086486
On some Palaearctic species of **genus Kybos** 090858
Genus Leuconeurospora. 086466
Lichen genus Coccotrema in North America 086409
Genus Lobaria in North America north of 086408
A new species & subspecies in **genus Lycia** 090878
gentryi Standl. to **genus Machaeranthera,** s- 086507
Asteraceae). CXIII. A new **genus, Matudina** 086536
Genus Mecas LeConte (Coleoptera: Ceramb- 090923
A note on **genus Mitella** of Japan. [Taxono- 086332
in tropical butterflies of **genus Morpho** in e- 091024
Palearctic species of **genus Nemeritis** Holm- 086500
Neotropical genus Aitkenius: three new spec- 090977
fauna of Colombia. 1. **Genus Notocera** Amy- 090971
Chromosome numbers in **genus Oncidium** & 086350
CXI. Additions to **genus, Ophryosporus.** 086509
Autogeny in soft ticks of **genus Ornithodoros** 090260
on artificial polyploids in **genus Oryza.** V. S- 086998
to revision of **genus Paranectria** Sacc. 086592
of a spider predator of **genus Pseudogaurax** 091004
tenebrionidae: **genus Pseudoperichilus** Pic (091036
word about taxonomy of **genus Pterocereus.** 086426
VII. On Dischistus Loew & **related genera,** 090953
Genus Vidalia & its **related genera** (Diptera: 091014
as type species for **genus Sclerotinia** Fckl. 086447
A new **genus** & **species** of Odontiinae from 090928
Homoptera)--3: a new **genus** & new **species** 090956
Contribution to study of **genus Sphagnum.** 2 086555
fauna. 2. **genus Sphonogophorus** Fairmaire, 090940
a blue-green alga of **genus Synechococcus.** 089424
of hummingbirds: **genera Syntomodectes** Pa- 090241
Tabanidae (Diptera). III. **genus Tabanus** Li- 090568
A revision of **genus Tachinus** (Coleoptera: S- 090949
cytotaxonomic studies in **genus Taraxacum** 086328
of centric diatom **genera Thalassiosira** & Co- 086388
Tabanidae (Diptera). II. **Genera** of **tribe** Di- 090967
Notes on **genus Uranotaenia.** 090998
Genus Vidalia & its related genera (Diptera: 091014
on Indian representatives of **genus Viola.** 086788

GENERATION

on vegetative & **generative development** of 087951
Bulk, pedigree, & **early generation** tcsting b- 086907
conservation & **generation** of **electric** power 092357
of decrease or increase in **filial generations** 089808
hybrids of winter wheat in **Fl generation.** 086840
II. X-ray effects of **gametophytic generation** 087130
of sucessively **irradiated generations** of Trib- 090204
Morphogenesis of **generative organs** in scot- 086791
Number of **generations** & **seasonal** abundan- 090088
Gossypium hirsutumL. In **second generation** 087168
rustica. II. F4 & F5 **generations** of **selected** 086934
Investigation of **steam generation** in flat cag- 083981
methods suitable for **successive generations** 089971
reared for **successive** 6 **generations** under lo- 090140
methods suitable for **successive generations** 090828

GENERATORS

predrying bagasse in steam **generator-dryer** 083665

GENERIC

organic enrichment on **generic composition** 091715
Putative **generic hybrids** of Haleakala's silv- 087117
ten citrus taxa & some **intrageneric hybrids** 087987
Generic recognition of Brugmansia. 086449

GENES

Bantengs--a new source of **genes.** [Cattle]. 084946
Tentative map positions of **genes** & **AB** tran- 087031
Gene analysis of rice resistant to Pyricularia 086995
Gene conservation in relation to forestry pr- 086011
of several types of **gene** action **controlling** r- 086902
commune: location of a **gene controlling** B-f- 086929
of several types of **gene** action **controlling** r- 089296
as a method of studying **gene-controlling** de- 090620
two, unlinked alcohol **dehydrogenase genes** 087077
activity levels in relation to **gene dosage** in 090474
in barley. V. Effects of several **dwarf genes** 087112
Response of triple **gene dwarf** wheat to nitr- 091878
Single height-**gene effects** in doubled haploid 086897
Effect of estrogen on **gene expression** in chi- 084791
Effect of estrogen on **gene expression** in chi- 084792
studies on mechanisms of **gene expression** in 091201
Interaction of two basic color **factor genes** in 086913
Conservation of **forest gene** resources within 085818
Regulation of **gene function:** a comparison of 090474
Single **height-gene** effects in doubled haploid 086897
Relation of **genes** from **Hope** & Red Egypti- 086911
use of disomic strains in **localizing genes.** 086928
location of virescent (V4) **gene** in **maize.** 086850
Locating **major genes** for resistance to corn 086986
Location of **modifier gene** of Cll locus confi- 087086
plastids induced by a nuclear **mutator gene** 087127
Legal & regulatory aspects of **gene pool** ma- 086643
Resource **gene pools** & their conservation. [086013
Gene preservation by means of a tree impro- 086009
How to get rid of **recessive genes.** [Rabbits] 084759
relocation on **intragenic recombination.** [Co- 087085
variation of ribosomal **gene redundancy** in 087082
Resource gene pools & their conservation. [086013
Conservation of forest **gene resources** within 085818
Conservation of forest tree **gene resources** in 086010
Time of synthesis of **genes** for **ribosomal** rib- 086870
Intraspecies variation of **ribosomal gene** red- 087082
Ribosomal-**RNA genes** in euploids & aneupl- 086885
New **genes** for **rust** resistance in flax. [Mel- 087118
iV. Mapping of temperature-**sensitive genes** 086928
Genes for **silk** fibroin in bombyx mori: studi- 091201
Flowering in Pisum: evidence that **gene Sn** 087955
of Drosophila as a method of **studying gene-** 090620
Conservation of forest **tree gene** resources in 086010
Response of **triple gene** dwarf wheat to nitr- 091878

GENESIS

On **genesis conditions,** habitat evaluations & 091774
Distribution, genesis, structure & properties 091707
Megaspore genesis & development of female 086773
Megaspore genesis of Alurus nobilis. 086778
Microspore genesis in varieties of winter w- 086761
stratigraphic importance & **natural genesis.** 091628
Genesis of **reproductive** system of mosquitoes 090648

GENETICS

of principal component analysis in **genetics.** 084860
with gamma rays in M1 & M2. [**Genetics**]. 086848
in Saccharomyces creevisiae. [**Genetics**]. 086878
of principal component analysis in **genetics.** 086981
Studies on **agronomy, genetics** & interrelati- 088419
Genetic analysis of Crumpled mutant in cot- 086910
Genetic analysis of developmental stages of 087108
Genetic analysis of cowpea chlorotic mottle 089346
Genetics & **animal** breeding. 084740
Genetical aspects of fatty acid composition 083274
composition of hop cones, **genetic basis,** env- 087699
Genetic-biological basis & objective research 082028
Genetic & biosynthetic relationships of mon- 087132
their application to **genetic** & **breeding** rese- 084878
Genetics of **Brown** Forest soils with stanant 091481
chemical composition of hop **cones, genetic** 087699
Genetic control & adaptive significance of b- 084861
Plant nucleases. IV. **Genetic control** of ribo- 086868
Genetic control of flutamate oxaloacetate tr- 086869
Genetic control of recombination in Schizo- 086929
Genetic control of environmentally induced 086932
of bivalent separation. [**Corn, genetics**]. 087049
for nomenclature changes. [**Corn, genetics**]. 087063
Alcohol dehydrogenase, **corn, genetics**]. 087075
Genetic correlations of qualtty indices in wi- 087124
against X-ray-induced **genetic damage** in Dr- 090741
of radiation-induced **genetic damage** in Dros- 090742
forms of **genetically determined** isozymes of 087038
processes as a basis for **genetic diagnosis** of 091697
Evidence for a **genetic difference** in berry w- 087171
Genetic differences between ADH [alcohol 087076
substitution Glu/Gln **differentiating genetic** 084154
Genetic differentiation, sympatric speciation 086855
Genetic distrubances & their significance in 085699
oils by means of **genetic experiments.** [Men- 087123
Effects of non-**genetic factors** on dairy cattle 084133
*** 084135
A procedure for localizing **genetic factors** c- 086887
Effects of four **genetic groups** & two levels of 084840
Genetics of **heading** time in wheat (Triticum 086927
six chemicals against X-ray-**induced genetic** 090741
Modification of radiation-**induced genetic** d- 090742
A procedure for **localizing genetic** factors c- 086887
or total feminization of **genetic males** of the- 090415
Genetic manipulation of Aedes aegypti: inco- 090844
Genetic mapping in Saccharomyces [cerevis- 086928
maintenance of a **genetic marker** & a chrom- 090844
of alfalfa as affected by **genetic markers,** pl- 086890
Using **genetics-mathematical** analysis in bre- 084964
programmes for **maximising genetic** progress 084824
Genetic methods of insect pest control. 089814
Trials in density with **monogerm genetic** ty- 088415
Patterns of **genetic mosaicism** in antennae 090533
furnishes further proof of **genetic origin,** dis- 083393
To safeguard variability of **genetic partimony,** 084812
Genetics of **photoperiodism** in corn. 087050
a pioneer Alberto Pirovano. [**plants, genetics**] 086977
programmes for maximising **genetic progress** 084824
Genetic properties of an atypical chromoso- 087018
Genetic relation between seed weight & see- 086936
Genetic resistance to race T Helminthospor- 087066
Genetic scheme of pollen restoration in cyt- 086999
Note on **genetics** of **skin** colour of tuber in f- 086976
Genetics in **small** animal medicine. 084754
Genetical structures of plant populations of 086072
Genetical structures of plant populatons of f- 086073
Genetic studies of induced mutants in Melil- 086895
Genetic studies in pigeon pea. V.I. Leaflet s- 086974
Genetic studies of susceptibility to bacterial 087039
Genetic studies in pigeonpea. II. N. Black x 087151
Genetic studies of susceptibility to bacterial 089307
colorimetry in ecological & **genetic studies** 090538
from maize scutella: a new **genetic tool.** 087059
pools & their conservation. [**Tree genetics**]. 086013
A new theory of **genetic tumor** formation in 089337
in density with monogerm **genetic types** of 088415
Hazards of **genetic uniformity** in plants. 086864
A study on **genetic variability** in pigeon pea 086861
Medicago sativa L.). I. **Genetic variability** of 086991
Studies on **genetic variability** of certain qua- 087010
Estimation of **genetic variance** parameters in 086993
Glu/Gln differentiating **genetic variants** B & 084154
A note on **genetic variation** in fatty acid co- 084770
Genetic variation in Saghalien fir from diffe- 086071
Effects of **genetic variation** & culture condit- 090469
Genetic vulnerability of major crops: a chall- 086846

GENISTA

SEE LEGUMINOSAE

GENITALS

fluids, spermatozoa, & tissues of **bull genital** 084100
A survey of **genitalia** of **bulls** in Northern A- 084776
secretion in **female genital** system of Pimpla 090848
fluid in accessory gland of **female genital** or- 090857
A study of **genitalia** of **Hyphantria** cunea (L- 090968
to wing venation & **male genitalia.** 090882
changes in activity of **genital system** of gan- 084898
changes in activity of **genital system** of gan- 084899
development of **genital system** in species: X- 090854
during passage through **genital tract** of bull 084091
veterinarians occasioned by **genital tropism** 085495

GENOMES

Participation of **embryonic genome** during e- 084131
redundant segments in Zea **mays genome** wi- 087058
Genome relationships in Arachis. [Peanuts] 087114

GENOTYPES

dehydrogenase] activtity & **Adhl genotypes** 087093
in hybrids between **diverse genotypes** of tall 086909
Genotype-environment interaction in North 086024
Genotype by **environment** interaction for s- 086972
Genotype-environmental interactions in Sch- 086931

weight in crosses between **flax genotypes &** 086930
pattern & internode **length genotype** in Pis- 088130
effect of cotyledon removal on **genotypes lf** 087954
wheat as influenced by **genotype & locations** 087768
on growth of two **genotypes** of **perennial** ry- 087773
Interactions of **genotype & temperature** on 086920
single cross hybrids with **genotype trflrflrf2**rf 087079

GENUS
SEE GENERA

GEOCHEMISTRY
Geochemical anomalies of a claypit area, Ca- 084335
of granulometric **& geochemical phases** of p- 086659

GEOGRAPHY
"geographic" variation in sensitivity of X-ir- 090771
"Geographic" variation in sensitivity to X-ir- 090772
Biology, geographical distribution, & status 090779
Host range **& geographic distribution** of Ery- 089269
Geographical & ecological expansion in trop- 091024
from point of view of **geography & ecology.** 086672

GEOLOGY
Geological interpretation of crops on farm l- 081983
programs of U.S. **Geological Survey.** 092281

GEOMETRIDAE
vancouverensis (Lepidoptera: **Geometridae)** 090497
roesleri sp. n. (Lepidoptera: **Geometridae)** f- 090877
Lycia Hbn. (Lepidoptera: **Geometridae).** 090878

GEOTRICHUM
specificity of lipase of **Geotrichum candidum** 087457
special emphasis on **Geotrichum candidum.** 087636
aspects of growth in **Geotrichum candidum.** 087637

GEOTROPISM
Studies of mechanism of **geotropic motions** 088259
Geotropic response patterns of Avena Coleo- 087705
Geotropic response patterns of avena coleop- 087706

GERANIOL
uniform labelling of **geraniol biosynthesized** 088132

GERANIUMS
Grow scented-**leaved geranium.** [Pelargonium 088962
Oil content & herb yield of **geranium plants** 088220
Geranium rust a continuing serious problem. 089155
Scented geraniums. 088738
on Japanese plant-names. 1. **(Geranium yes** 086436

GERBERA
SEE COMPOSITAE

GERMACRANOLIDE
germacranolide, 11,13-**dehydrolanuginolide,** 087536

GERMICIDES
Germicidal activity of Weladol. [Disinfectan- 085487

GERMINATION
barley grain into malt without **germination.** 083543
cv. Kufri Sindhuri tubers after **germination.** 088182
seeding methods **affecting germination** & su- 086091
Factors **affecting germination** of sclerotia of 089009
endopeptidase from **germinated barley.** 087833
activities during **germination** of **barleys** that 083554
formation in cotyledons of **germinating bean** 088176
Seed eluates on **germination blotter** --a ger- 088299
study of lymphoid tissue **& germinal centre** 084039
on **germination** of **certain** arid-zone plants. 087402
Physiology of **chlamydospore germination** in 087384
globulin during **germination** of **cotton** seeds. 087657
beet. II. Study on **germination** in **diploid &** 087001
Ethylene **& germination & early** growth of 087858
bark substrates on **germination & early** gro- 088217
activity during rye **embryo germination.** 087643
Glyoxylate cycle in **germinating Ginkgo** bil- 087328
Germination of **hard** alfalfa seeds under acti- 087654
agent on **germination** of four **important** Brit- 088260
Extraction **& germination** of **kadam** seed. [086087
of depth of sowing on **germination** of **kail** (P- 088269
Phenology **& germination** of **koki** (Hopea o- 087291
Laboratory germination testing of American 086004
Laboratory germination of sweetgum at high 086005
Vigor vs. **germination** in **lettuce** seeds under 087995
unit differences for **germination** of **maize.** 087799
Reaction of **germinating maize** pollen to He- 089143
of seed size upon **germination, moisture** upt- 087685
of plant regulators on **germination** of **onion** 088200
Germination of **phaseolus** vulgaris. IV. Patt- 088164
Pollen germination & tube growth after self- 087354
of hydrogen fluoride on **pollen germination** 087933
test as an indicator of **potential germination** 087672
sulfhydrylase from **germinating rapeseed.** 087663
Some **germination responses** of lechuguilla 087594
Germination responses of native plant seeds 087622
benzo-thiadiazoles on **seed germination** of B- 087267
Promotion of **seed germination** by cyanide. 087547
Lettuce **seed germination:** prevention of the- 088027
Inhibition of **seed germination** by secondary 088114
Germination, seedling behaviour & phytoma- 088268
thermal shock in **germination of seeds** of R- 087191
level of ascorbic acid in **germinating seeds** of 087260
acid **& on germination of seeds** of Lepidium 087627
reserve proteins during **germination of seeds** 087740
of differnet resistance of **germinated seeds** to 087744
investigations on **germinated seeds** endospe- 087872
motions of roots of **germinating seeds** in so- 088259
juncea Coss.) **germination** under **simulated** 087261
thiram on seed mold **& germination** of **slash** 088996
Germination of **smartweed** (Polygonum pen- 089608
sporulation **& subsequent spore germination** 087600
Physiology of **teliospore germination** in Ent- 087383
safflower on **germination of teliospores** of P- 089202
on germination blotter --a **germinability test?** 088299
Laboratory **germination testing** of American 086004
pretreatments on **germination of Townsville** 087677
Faster **weed germination** with early cultivat- 089676
effect on respiration of **germinating wheat** s- 091727

GERMPLASM
Cacao germplasm collection. 088943
Yield **& quality** of **maize germplasms**-nitrog- 088394

GERMS
Lyophilization of **germ.** [Grain]. 083638
Purification of wheat **germ agglutinin** by aff- 083856
determination of DNA content in **germ cell** 084182
Drosophila melanogaster male **germ cells** wi- 090742
Cooked **corn germ:** composition of fractions 083548
Use of **germ-free** piglets in study of lympho- 084039
Phaseolus vulgaris L.) in diets for **germ-free** 084459
On function of **germ line** chromosomes in o- 090600
Breeding of **mono germ** F1 hybrid in sugar 087001
Relationship between **germ size** evaluated vi- 087149
lipoic acid) in wheat flours **& germs** by **thin-** 083557

GERRIDAE
bivoltine pondskaters **(Hemiptera, Gerridae)** 090544

GESNERIACEAE
of Rhytidophyllum Mart. **(Gesneriaceae).** 086800
Phytophthora-rot of **Saintpaulia caused** by 089178

GESTATION
litter size of swine at 70 days of **gestation.** 084836
in fetal sheep during last third of **gestation.** 084864
infections of livestock during **gestation.** 085495
Studies on **gestational changes** in buffalo ut- 084965
uptake in rats: effect of **gestation duration.** 084320
Swine: feeding **& managing gestating** sows. 084785
Post-puberty estrus cycle **& gestation period** 084748
intake **& stage of gestation** on **proportion** of 084202
Growth, estrus, conception **rate, gestation &** 084571

GIBBERELLA
rot studies in maize. **[Diplodia, Gibberella,** 089140

GIBBERELLIC
Effect of **gibberellic acid** on rind quality & s- 083709
Note on effect of **gibberellic acid** on quality 087728
of Avena stem segments to **gibberellic acid** t- 087834
Effects of **gibberellic acid** & sucrose on gro- 087841
effects of nutrients **& gibberellic acid** on 'Va- 087941
controlled photoperiods **& gibberellic acid.** 087943
Effect of **gibberellic acid** on rind quality & s- 087958
Response of lilies to **gibberellic acid.** 088108
as affected by ethrel **& gibberellic acid.** 088184
studies on effect of **gibberellic acid** & CCC 088188
Mutagenic activity of **gibberellic acid.** [Ipo- 088209
of Sultanina grapes to **gibberellic acid** trea- 088223
of cabbage as affected by **gibberellic acid** (088628
thinning, girdling, Sevin **& gibberellic acid** t- 088886
Cytokinin-gibberellin regulation of shoot de- 087662
of abscisic acid on **endogenous gibberellin** le- 088016
of **gibberellin** A5 to **gibberellin** A3 in seedli- 088144
Effect of **gibberellin** on **production** of ethyle- 087982
of seedless grapes by **gibberellin treatment.** 088094

GILTS
SEE SWINE

GIN
Particulate emissions of a **cotton gin** in Tex- 092434
Feeding gin trash to beef cattle. 084647

GINGER
Ginger rhizome: a new source of proteolytic 088088

GINKGO
cycle in germinating **Ginkgo biloba** seeds. 087328

GINSENG
physiological action of **Panax ginseng** roots 088187

GIRLS
excretion in preadolescent **girls consuming** a 082905

GITOGENIN
Diosgenin, gitogenin & igogenin from Trigo- 087447

GLACIAL
evidence for late **glacial occurrence** of Pring- 086569

GLANDS
of secretory fluid in **accessory gland** of fema- 090857
Method of **cannulating glandular** part of m- 084176
of Drosophila salivary **gland chromosomes** in 090511
glandular part of mammary **gland cistern** re- 084176
data on fine structure of **epigastric glands &** 090422
Morphology of **glandular hairs** of Cannabis 086707
action of prothoracic **gland hormone &** juve- 090707
secretion in tissues of rat **mammary gland** w- 084174
glandular part of **mammary gland** cistern re- 084176
of regulating functions of **mammary glands.** 084177
metabolic rate of rat **mammary gland.** 084239
stimulation of guenea-pig **mammary gland.** 085059
by infectious history of **mammary gland.** 085390
Demodex Spp. in **meibomian glands** of Irish 090289
Method of cannulating **glandular part** of m- 084176
Perianal gland tumors of dog. 085627
maltase secreted by **pharyngeal gland** of wo- 091094
histology of new sex **pheromone glands** in 090571
of RNA synthesis in **prothoracic gland** of P- 090850
by simultaneous action of **prothoracic gland** 090707
histology of defensive **pygidial gland** of Bled- 090423
of a deoxyribonuclease in **salivary glands** of 090505
RNA synthesis in polytene **salivary glands** of 090510
puffing pattern of Drosophila **salivary gland** 090511
chromosome in nuclei of **salivary glands** of 090823
oestrogens on accessory **sex glands & sexual** 084271
of acid phosphatase in avian **shell gland.** [P- 084106
structure of epigastric glands **& silk glands** 090422
on fine structure of bovine **sweat glands.** 084296
Radio-iodine (131 I) uptake by **thyroid gland** 084554
Perianal **gland tumors** of dog. 085627
diols by microsomes of **uropygial glands** of r- 084057

GLASS
control of plant containers under **glass.** 088048
Fiber **glass automatic** irrigation gates. 091359
of milk fat with weighing **glass designed by** 083270
Supply of **glass synthetic** bottles in dairy in- 083265

GLASSHOUSES
SEE GREENHOUSES

GLAZING
weight determination of **frozen glazed** snow 083023

GLOBIDIUM
Globidium leuckarti in small intestine of th- 085294

GLOBULES
Origin of milk **fat globule.** 083300
Relationship of milk **fat globule** membrane 083316

GLOBULINS
on standardization of **antiglobulin** (Coombs) 085480
Decomposition of **arginine globulin** during g- 087657

GLOEOSPORIUM
SEE MELANCONIACEAE

GLOMERELLA
to latency of fungus. **[Glomerella cingulata]** 089111

GLOMERULAR
Glomerulonephritis in **canine:** a case report 085685
vasopressin effects on **glomerular filtration** 084075

GLOSSINA
of tsetse blood meals. **[Glossina].** 085225
of avian trypanosomes in **Glossina.** 090223
amino acids in pupa of **Glossina morsitans** d- 090231
infection rates of **Glossina swynnertoni** Aust 090222

GLUCANS
effect on structure of beta-**glucan obtained** f- 087844
An allosteric alpha-**glucan phosphorylase** fr- 087974

GLUCOAMYLASE
complementation of **glucoamylase & citric** a- 087227
activity of **commercial glucoamylase** prepara- 083219

GLUCOCORTICOIDS
Effect of **glucocorticoids** on **blood** picture & 084354

GLUCOMANNANS
Pinus radiata. II. Structure of a **glucomann-n** 086247
of O-acetyl groups in **pine glucomannan.** 086249

GLUCONEOGENESIS
utilization **& gluconeogenesis** in **ruminant.** 084275

GLUCOSAMINE
Glucosamine HCl, [hydrogen chloride] hyd- 090672
properties of D-**glucosamine** 6-**phosphate** N- 088157

GLUCOSES
from heated L-cysteine. HCl/d-**glucose.** 082953
UDP [uridine diphosphate]-**glucose:** flavonol 087975

f. sp. melonis in soil extract with **glucose.** 087461
plasma volatile fatty **acids, glucose** & insulin 084596
Changes of **blood glucose** level during copul- 084034
motility, blood glucose & **blood glucose** & b- 084187
raised on calf starters. 2. **Blood glucose** level 084191
for dairy herds based on **blood glucose,** urea 084353
raised on calf starters. 2. **Blood glucose** level 084551
for dairy herds based on **blood glucose,** urea 084719
on gravid swine & **blood glucose** & fructose 084848
urea nitrogen, & **glucose** during **bovine** estro- 084851
Method of **glucose determination** in meat p- 083449
Response of plasma **glucose, free** fatty acids 084107
Changes of blood **glucose level** during copul- 084034
on calf starters. 2. Blood **glucose level** & vo- 084191
larvae with respect to **glucose metabolism.** 091173
incorporation of **glucose, methionine** & cyste- 090521
of 2-deoxy-D-**glucose** on **multiplication** of S- 085582
urioine diphosphate]-3-**glucose** & **particulate** 087844
Glucose-6-phosphatase activity in a soluble f- 087977
erythrocyte G6P-DH [**glucose-6-phosphate** 084126
of 6-PGD [**glucose-6-phosphate** dehydrogena- 084362
Response of **plasma glucose,** free fatty acids 084107
of volatile fatty acids & **glucose** for **protein** 084102
diphoshate]-**glucose pyrophosphorylase** from 087976
Lactate, **pyruvat, glucose** & hydrogen ions in 084367
Glucose redistribution in lactating cows giv- 084241
Studies on removal of **glucose** from **scopolin** 087896
evaluation of viscosities of **glucose solutions.** 083155
synthesis from urea & **glucose, starch** or cel- 084220
Mammary blood flow & **glucose uptake** in l- 084240
dairy herds based on blood **glucose, urea** & 084353
bovine rhinotracheitis] **virus** & **glucose,** alka- 085184

GLUCOSIDASES
Peroxidase activity, beta-**glucosidase activity** 089139
Alpha-**glucosidase** at **tip** of contact chemose- 090698

GLUCOSIDES
Flavones & **flavone glucosides** from leaves of 087499
Identification of beta-D-**glucosides** of **ring**-h- 089755

GLUCOSINOLATES
proteins & **glucosinolate isothiocyanates** & 087830

GLUCOSYLTRANSFERASES
flavonol 3-o-**glucosyltransferase** from **cell** su- 087975

GLUCURONIDE
diethylstilbestrol & its **glucuronide** in **cattle** 082684
Diosmetin-7-glucuronide from flowers of D- 087358

GLUE
Qualities of **glued laminated** wood made fr- 086151
devices used in wood **gluing technology.** 086173
parts from veneer leaves **unrolled, glued** & p- 086235

GLUMES
A new **glume blotch** of rice (Oryza sativa). 089215
Peonidin in W22 Pr pericarp & **cob glumes.** 087798

GLUTAMATE
Glutamate oxaloacetate transaminase activi- 088127
mechanisms for **glutamate utilization** by no- 087862

GLUTAMIC
III. Changes in ratio of free **glutamic acid** to 083136
isobutyl-glutamic acid: a new amino acid in 088151
in insects: effect of **glutamic acid.** [Carausius 090437
Plasma **glutamic oxalacetic** transaminase as 085264

GLUTAMINE
Effect of **infused glutamine** on uric acid syn- 084599

GLUTARALDEHYDE
of **glutaraldehyde & formaldehyde** fixation of 084561

GLUTATHIONE
of normal & **glutathione-deficient** sheep. 084755
E on activities of **glutathione peroxidase** sys- 084603

GLUTEN
in winter wheat, relation of **gluten content** o 087178
electrophoresis of wheat **gluten polypeptides** 083656

GLYCERIDES
Studies on **Glyceride Structure** of Fats i: c- 083073
Studies on **glyceride structure** of fats. IV. On 083185
Studies on **glyceride sturcture** of fats. VI. S- 087457

GLYCERIN
Glycerine in **beer.** I. Occurrence & significa- 083042
Glycerine in **beer.** II. Effect of practical co- 083045

GLYCEROL
on dynamic response of **glycerol extracted** i- 090724

GLYCEROPHOSPHATASES
beta-**glycerophosphatase** & **naphtol** AS-MX 087570

GLYCINES
Glycine activation of pep carboxylase from 087681
of trypsin inhibitors in seed of **genus Glycine.** 087696
rate of free eggs of **Heterodera glycines** Ich- 089572
on variability in soybean (**Glycine max** (L) 086971
Behaviour of different soybean (**Glycine max** 088381
seed yield of soybean (**Glycine max** (L.) Me- 088408
bean leaves labelled with **tritiated glycine.** 089177

GLYCOGEN
hepatic lipogenesis & **glycogen metabolism** in 084400

GLYCOL
soluble sugars under **polyethylene glycol** (P- 087685
Polyethylene glycol for purification of potato 089376

GLYCOLYSIS
various substrates on **respiration, glycolysis** 084874

GLYCOSIDASES
Glycosidase activity & flavonoid accumulati- 089195

GLYCOSIDES
Biosynthesis of **riboflavin glycosides** by plant 087816
properties of simple **glycoside structures.** [F- 083142
Study of **glycosides** from **Trigonella** cornicul- 087356

GLYOXYLATE
Glyoxylate cycle in germinating Ginkgo bil- 087328

GOATS
nodes & lymph vessels of head of **goat** (Cap- 084045
Tracheal fistula technique for **goats.** 084237
on reproductive performance of does. [**Goats** 084560
of unsaturated fatty acids in rumen of **goats** 084606
of unsaturated fatty acids in rumen of **goat.** 084609
Tracheal fistula technique for **goats.** 085091
type C[carbon] beta given orally to **goats.** 085193
control of pasteurellosis in sheep & **goats** . 085351
Malignant theileriosis of sheep & **goats.** [Ir- 085531
calcification & ossification in a **goat** (Capra 085678
gestation period of female **Angora goats.** 084748
Importance of lysyl residue in **goat anti**-dini- 084165
Basal levels of prolactin in **goat blood** meas- 084228
Nubians of tomorrow. [**Goats, breeds**]. 084784
Housing & **controlling goats.** 083950
of contained milk volume in **dairy goat** with 084242
Dairy goat nutrition. 084451
A modern milking barn for **dairy goats.** 091234
Toxicity to **goats** of **Ipomoea** carnea. 085799
Progressive **goat keeping** in India with spec- 084643
urine magnesium in underfed **lactating goats** 084192
Pulmonary nocardiosis in a **goat** in **Malawi.** 085292
parasitism in **goats** through **management.** 085285
Dairy **goat nutrition.** 084451
Feed supplements for **goats** on **pasture.** 084628
Metabolism of 14C-histamine in **goats** & **pigs** 084035
Progressive goat keeping in India with spec- 084643
Systems of **rearing goats.** 083955
Development of **goat rearing.** 083956
respiration & motility of **goat spermatozoa.** 084873
glycolysis & motility of **goat spermatozoa.** 084874
cycle in dwarf African & **Toggenburg goats.** 084900
What **value goat?** [Milk products]. 083250
Your **goat** has **worms.** 085286

GOITROGENIC
Effects of **goitrogenic** & **antigoitrogenic** subs- 084330
Disapperance of **goitrogenic factor** from col- 083903
meals. XXV. **Goitrogenic properties** of silage 084653

GOLD
Rearing **golden calf.** 083935
Several compounds in **Golden Delicious** app- 083775
of epididymal duct in **golden hamster** (Meso- 084212
yielding variety resistant to **golden nematode.** 086856
fruit ripeness in apple **variety Golden** Delici- 088205

GOMPHRENA
SEE AMARANTHACEAE

GONADS
its transmission. [Toxoplasma **gondii, cats**]. 085221
cellular activity of **gonadotropic cells** of ade- 084349
mare's serum/**chorionic gonadotrophin** hor- 084386
Juvenile hormone as **gonadotropic factor** in 090851
on development of **gonads** in **larvae** of Epibl- 090847
Effect of **placental gonadotropin** on pregnan- 084835
infusion of **gonadotropin-releasing** factors. 084033
preparation of **gonadotrophin releasing** fact- 084865

GOOSEBERRIES
Cultivation of **Chinese gooseberry** (or Actin- 088648

GOPHERS
Pocket gophers & reforestation in pacific no- 086085

GOSSYPIUM
SEE MALVACEAE

GOSSYPOL
Gossypol & its **feeding** effects on hens. 084427

GOUDA
SEE CHEESES

GOULASH
evaluation of quality of **canned goulash.** 082676

GOVERNMENT
poultry rearing from view of **government.** 082575
Principles that **govern folding** of protein cha- 083215
Government food drug act regulates food ad- 082617
Problems, **Intergovernmental Group** on Me- 082354
Problems, **Intergovernmental Group** on Me- 082355
Problems, **intergovernmental Group** of Meat 082356
Problems, **Intergovernmental Group** on Me- 082357
Problems, **Intergovernmental Group** on Me- 082557
Problems, **Intergovernmental Group** on Me- 082558
Problems, **Intergovernmental Group** on Me- 082559
A guidebook of Montana **laws governing** mu- 082620
in Italy under **government monopoly.** 082913

GRACILARIA
gulaman-dagat" (**Gracilaria confervoides**). [083197

GRADIENTS
by roots. I. Soil water **content gradients** ne- 088083
II. Non-specifity of se **gmental gradient** in 090479
of light-induced hydrogen **ion gradient** in sp- 087949
of soil moisture by **temperature gradient.** 091673

GRADING
of plain levelling of lands for **grading.** 082489
Characterization of low-**grade alkoholic** bee- 083036
dormancy by variety, year & **grade** of **barley** 087810
Progress in bull **beef grading**...but not enou- 082728
A study on performance of cross-**bred grades** 084827
Results as to Brown **cattle grading** on selec- 084914
Influence of **grading** on **cereal** seed quality. 083670
Suitability of bagasse for **dissolving-grade** p- 083094
Estimation of egg weight from **egg gradings** 083506
Lumber grade yields from graded trees of fi- 086197
of beef cattle prices by **grades** in **major** live- 082428
Changes in **meat grading** & pricing structure 082848
in costs & returns of **grade** A **milk** producti- 082237
in flour flows during wheat **grade milling.** 083591
Concerning **paper grade** value of hornbeam 086125
voice mixed emotions over **proposed grading** 082727
of bagasse for dissolving-**grade pulp.** 083094
Rayon **grade pulp** from Indian hardwoods. 086168
Grading & **sorting** of various types of apricot 082853
harvesting & field handling: **grading system.** 082671
mixed emotions over proposed **grading syst-m** 082727
Lumber grade yields from **graded trees** of fi- 086197
Concerning paper **grade value** of hornbeam 086125
on tuber yield & **grades** of five **varieties.** 088901
in flour flows during **wheat grade** milling. 083591
Lumber **grade yields** from graded trees of fi- 086197

GRAFTING
Studies on **bud grafting** of chestnut. 5. [Cas- 088562
behaviour of low-yield **grafted cellulose.** 086117
metabolism in sour **cherries grafted** to differ- 088203
hybrid for different **grafting combinations.** 087994
me thods on yield & quality of **grafted grape** 088909
Indoor grafting of nut trees. 088846
distribution in **grafted starch** granules dete- 083667
Walnut grafting in Oregon: problems & solu- 088844

GRAFTS
Isolation of **graft copolymer** from Larix lep- 086201
in growing rootstocks & **grafts** of **grapes.** 088908
or re-implantation of a **hypophyseal graft** in 084299
Some aspects of **graft polymerization** of vin- 086251
that gene Sn controls a **graft-transmissible** i- 087955

GRAINS
Lyophilization of germ. [**Grain**]. 083638
of an "enzyme-chemist" [Milling (**grain**)]. 083641
for reception, yield & loading of **grain.** 083644
Loading. [**Grain**]. 083645
efficiency of modernfilters. [Milling (**grain**) 083646
dry-matter content in maize for **grain.** 088546
control of Haplodiplosis equestris in **grain.** 089932
American grains blended with ours. 083639
Modification of **barley grain** into malt with- 083543
of Rhynchosporium secalis on **barley grain.** 089002
American **grains blended** with ours. 083639
time with direct drilling [**Brassica, grain**]. 088342
Energy evaluation of **brewers grains** for gro- 084573
treatment of rice & **buckwheat grains** on sta- 083593
Cereal grain seed treatments. [Tilletia foeti- 089148
Preservation of **grains** by using **cold.** 1. 083632
of awned condition & **grain colour** in sorgh- 087009
with special regard to **common grain** market 082347
Early mildew resistant **crossbred grain.** 086852
length & frequency & pollen-**grain diameter** 086900
yield & effects of spacing **different grain** nu- 088400
factors on process of **drying grain.** [Harvest- 087874
outlook: 1973 Canada; wheat **feed grains.** 082548
method & its application in **grain & feed** in- 083648
dye method & its application in **grain & feed** 083650
Flavomycin in **grain feeding** of young bulls. 084622
leaves as related to yields of **grain & grain** 086903
Thorough preparation for **grain harvest.** 088387
on full utilization of **grain harvesting** combi- 091353

Strength of bonds between wheat **grain hulls** 083587
machines & single-**grain implements.** 091461
Importance of **grain intake** & storage plants 083642
External & **internal grain** quality in durum 088545
Research in **grain legume** improvement. [Br- 088519
amino acid analyses. [Sorghum **grain, maize** 083549
time of their application on **grain maize** crop 091789
of crop rotation. [Farm **management, grain]** 082182
with special regard to common **grain market** 082347
feeding cows pellets of straw-**grain mixture.** 083389
High **moisture grains** for growing pigs. 084500
head moulds & assessment of **mouldy grains** 088990
effects of spacing different **grain numbers** per 088400
of developing wheat,barley, & **oat grains.** 087726
Inert atmosphere vs. stored **grain pests.** [In- 090175
of larvae, pupae, & adults. [**Grain pests,** con- 090189
of riboflavin glycosides by **plant grains.** 087816
Grain policies of USSR: wheat. I. 082581
stomatal length & frequency & **pollen-grain** 086900
Measurement of **pollen grain** size in diallel. 087043
Resistance of **pollen grains** & their degradat- 091110
kinds of organic manuring. [**Grain, potatoes,** 088322
high moisture chemically **preserved grains.** 084495
Fruit-, vegetable, & **grain processing** wastes 092443
Malathion for **grain protection** & its applica- 090209
as related to yields of grain & **grain protein** 086903
pigeonpea. II. N. Black x **Purple grained.** 087151
External & internal **grain quality** in durum 088545
Dried citrus pulp as a **grain replacement** for 084566
of starch synthesis in ripening **rice grains.** 087669
sasakii & its residues in **rice grains,** straw s 089280
A decade of **grain sales** to Pacific Rim coun- 082322
obtained on **grain** during 1969/1970 **season** 089729
Cereal **grain seed** treatments. [Tilletia foeti- 089148
Induction of some **grain shape** & morpholog- 087131
of modern seeding machines & **single-grain** 091461
Measurement of pollen **grain size** in diallel. 087043
Value of protein content of **sorghum grain** in 084440
extrusion processed **sorghum grain** & soybe- 084594
Grain sorghum performance tests in Rolling 088521
Rhizoctonia [solani] blight of **grain sorghum** 089241
assessment & control in **grain sorghum** & w- 089917
Phenomena of change of **spiral grains.** [Wo- 084823
Grain storage & sanitation. 083631
Temperature study in **grain storage** bins. 091378
control of parasitic insects of **stored grains;** 082850
Inert atmosphere vs. **stored grain** pests. [In- 090175
control of parasitic insects of **stored grains;** 090208
to feeding cows pellets of **straw-grain** mixtu- 083389
on selection of rice strain by **grain/straw** ra- 087006
Variety trials for **straw, grain** & oil yielding 088539
sasakii & its residues in rice **grains, straw** s 089280
Combined equipments for **grain tillage.** 091400
A new **grain treating** machine. 091339
Grain varieties recommended for each region 088531
Strength of bonds between **wheat grain** hulls 083587
of pulses: effect of sowing-date on **grain yeild** 088378
Influence of spacing on **grain yield** & dry-m- 088546
Grain yield & incidence of take-all & eyespot 089253
Measuring effect of herbicides on **grain yield** 089604
phosphorus & copper on **grain yield** of wheat 091833
Protein, lysine, & **grain yields** of Triticale & 087768

GRAMINEAE

Taxonomy of Zea mays (**Gramineae**). [Corn] 086474
Studies in Ichnanthus (**Gramineae**). III. Ad- 086525
bamboos native to New World (**Gramineae:** 086577
bundle sheath of **Gramineae.** 086725
apomictic Hierochloe (**Gramineae**). 086874
Susceptibility of oats & **gramineous crops** to 089123
on artificial polyploids in **genus Oryza.** V. S- 086998
Kranz syndrome in **Gramineae** as **indicated** 088321
of five species of **Gramineae** to **races** O & T 089230
nickel ions in control of **Oryza sativa** leaf s- 087827
in nutrition of rice (**Oryza sativa** L.). 087857
A new glume blotch of rice (**Oryza sativa**). 089215
nitrogen fertilizers for rice (**Oryza sativa** L. 091916
several other plants in **Gramineae, wheat** ye- 089360

GRAMINELLA

densities on corn. [**Graminella nigrifrons,** M- 089895

GRAMOXONE

Gramoxone reduces tillage for rice. 089637

GRANARIES

rice weevil, maize weevil, & **granary weevil** 090192

GRANULARITY

studies on efficiency of **granular activated** c- 092337
to no-tillage corn with **granular carbofuran.** 089915
Field tests with some **granular insecticides** f- 089878
application of **granular insecticides** for cont- 090034
Ceroplastes ceriferus, with **granular, system-c** 090014

GRANULATION

Process for **manufacturing granulated** phosp- 091824
Effect of variability in **sugar granulation** on 082713
Studies on **granulation** in **sweet** orange (Cit- 088198

GRANULES

pesticidal dusts, wettable powders & **granul-s** 090335
Measurement of **cyanophycin granule** polyp- 087412
in grafted starch **granules determined** by sc- 083667
studies on role of **"polar granules"** in segreg- 090602
Polar granules of Drosophila. II. Ultrastruc- 090603
*** 090605
Absorption of iodine into **starch granules** in 083216
Studies on biosynthesis of **starch granules.** 5 087890

GRANULOMAS

Pulmonary **granulomas associated** with PAS 085753
Coligranuloma of **chickens** in our country & 085303
Granuloma formation to Capillaria hepatica 085329
Nasal granuloma in dairy cattle : Distributi- 085647

GRANULOMETRIC

efficient method of **granulometric analysis** 091496
formation of **granulometric & geochemical** p- 086659

GRANULOSIS

A **granulosis virus** of rice leaf roller, Cnapha- 089849
of double infection by **granulosis virus** in lar- 089850
Hemolymph proteins of **granulosis virus** inf- 090564

GRAPE

in berry weight between **Sultana vines.** 087171

GRAPEFRUIT

citrophthora]-infested water. [**Grapefruit**]. 089206
of stored limes & **grapefruit** as **affected** by d- 083743
Israel concentrate used in **grapefruit drink** in 082341

GRAPES

various concentrations of colchicine. [**Grapes**] 086827
Crossbreeding of **grapes.** 087005
clone" from Geisenheim clone 239. [**Grapes**] 087176
for oxygen of polyphenoloxidase in **grapes.** 088226
Studies on irrigation of **grape** (Vitis vinifera 088888
in growing rootstocks & grafts of **grapes.** 088908
related to mechanical harvesting of **grapes.** 091428
capacity of a new hoeing method. [**Grapes**]. 091457
Studies on irrigation of **grape** (Vitis vinifera 092243
California wine **grape acreage:** projecting ef- 082538
Stomata & starch in **grape berries.** 088224
detection in greenhouse of **cultivated grape** 089428
Grape culture in northern India: Problems f- 088771
Greenhouse management for **grape culture.** 088794
Grape culture in Punjab. 088887
in mechanization of work in **grape culture** i- 091422
modernization & profits from **grape culture.** 091424
Mechanization of **grape culture** & preservat- 091425
of mechanization of works of **grape culture.** 091429
Mechanization of **grape culture** & preservat- 092042
Weed control in **grapes, eastern** Washington 089738
Pests of deciduous **fruit, grapes** & miscellanе- 090079
thods on yield & quality of **grafted grape** 088909
Salt tolerance of **grape, guava** & olive plants 087929
of red wines in relation to **grape harvesting** 083756
History of **hybrid grape.** 088685
suitable for production of **grape juices.** 083759
Moldavian grape varieties & breeding probl- 087153
Spanish table **grapes move** to U.S. markets 082379
aldehydes & acetals by yeasts in **grape must** 083696
Phylloxera [vastatrix] gall & **normal grape** 090050
of deciduous fruits. [Apple, **peach, grape**]. 088796
acids in leaves of cardinal & **perlette grape** 088204
of distillates from **grape pomaces** produced 083750
of pomace during **grape processing.** 083770
Role of gibberllins in **grape production.** 088076
Abscisic acid in **grapes** during **ripening.** 088113
Influence of nature of **grape rootstock** multi- 089997
Comparison of **grape rootstocks** in nematode 089548
Recent data about biology of **grape rust** mite 090044
Production of **seedless grapes** by gibberellin 088094
Girdling for better **seedless grapes.** 088779
yield & quality of grafted **grape seedlings.** 088909
vastatrix] gall & normal **grape stem** single c- 090050
Maturity responses of **Sultanina grapes** to g- 088223
Spanish **table grapes** move to U.S. markets 082379
on control of Aleurolobus **taonabae, grape** 090086
berry dropping of diploid & **tetraploid grape** 087170
Moldavian **grape varieties** & breeding probl- 087153
leaves of cardinal & perlette **grape varieties** 088204
Evaluation of **grape varieties** of Matraalja w- 088800
Wine potential for Oregon. [**Grapes, varieti-s**] 088859
New **grape varieties** for Moldavian sherry w- 088905
of cultivated grape vines & **grape vine** cutti- 089428
Selection of **grape vines** stocks for new plan- 086843
dropping of diploid & tetraploid **grape-vines** 087170
of systematic fungicides in **grape vines.** [Bot- 089287
in greenhouse of cultivated **grape vines** & gr- 089428
mechanization of work in **grape vineyards** p- 091423
for elimination of twigs in **grape vineyards.** 091426
mechanization of work of **grape vineyards.** 091427
spraying of soils of **grape vineyards.** 092216
in Perlette variety of **vinifera grapes.** 088195
in Perlette variety of **vinifera grapes.** IV. Ef- 088886
of Aleurolobus taonabae, **grape whitefly.** 090086
California **wine grape** acreage: projecting ef- 082538
New York site selection for **wine grapes.** 088833
Grapes & **winter** injury. 089499
grapevine & number of eyes on **grape yields,** 088910

GRAPEVINES

acid in vegetative organs of **grapevines.** 088222
on yield & fruit sugar content of **grapevines** 089350
at spraying **grapevine against** downy mildew 082082
Fruitfulness of **grapevine buds**--a review. 087947
Estimating fruitfulness of **grapevine buds** by 088928
of training shape of **grapevine & number** of 088910
on defoliation of **grapevines** in **summer** seas- 089519

GRASSES

with low nitrogen contents. [**Grasses**]. 087769
getting best out of your mower. [**Grasses**]. 088446
sampling to estimate herbage yield. [**Grasses**] 088535
Possibilities in **grasses.** [Gardening]. 088639
Mechanical planting of **grasses.** 091415
Possible applications of reed **canary grass.** 088392
composition & caloric value of **grass carp** (C- 082998
carbonum. [**Grasses, cereals.** 089230
Seed source of **certain grasses** in relation to 088468
dividers for subsampling **chaffy grasses.** 083534
Progress in **grass conservation.** [Feed]. 083874
harvest & conservation of **grass** on **content** of 083905
of machine-dried vis-a-vis **conventional grass** 084546
Keys to genera of **grasses** of **Costa** rica. 086552
of spring growth & flowering of **grass crops** 087754
Estrogene activity in **grass** of **cultivated,** irri- 084377
on milk production & value of **dried grass** as 084423
technology instructions for **drying** grass see- 083662
infective larvae on **experimental grass-pots.** 085353
for production of a high value **grass feed.** 088510
heavy metals in vegetables & **forage grasses** 082698
Feed value of summer crop of **forage grasses** 083862
heavy metals in vegetables & **forage grasses** 083868
of Altai wild ryegrass & other **forage grasses** 087721
Preseravtion of **grass & green** fodder crops 083909
dried vis-a-vis conventional **grass hays** prepa- 084546
Diseases of **grass & herbage** legumes. [Fungi 089047
Lawn grasses--old & new. [Varieties]. 088931
possibility of utilization of **grass legume** mix- 084723
Weed control of **leguminous grasses** by rotat- 089689
Constituents of **marsh grass:** survey of essen- 087484
accelerate drying process of **meadow grass.** 083890
populations for breeding of **molasses grass** 087140
Response of **grasses** to **nitrogen** source. 087777
Perennial **ornamental grasses** for outdoors. 088669
Plant grass in fall. [Lawns]. 088707
infective larvae on experimental **grass-pots.** 085353
potassium flux in a tall-**grass prairie.** 086686
of some cool-season, semiarid **range grasses** 088366
energy), pivot point of **grass responses.** [Poa 087702
considerations in shipping **grass seed** residue 082446
instructions for drying **grass seeds.** 083662
economic considerations in **shipping grass** s- 082446
Study on **grass spider** as a predator to Hyp- 089977
phosphorus & potassium flux in a **tall-grass** 086686
Cool season problem of **grass tetany** on incr- 085698
on seed production of **tropical grasses** in ke- 087111
on seed production of **tropical grasses** in Ke- 088466
On seed production of **tropical grasses** in K- 088543
Best of **grass types.** [Lawns]. 088706
Methods for production of a high **value grass** 088510
A farming picture: all-**grass wintering** in So- 088471
Grass wintering & its implications in Southl- 088472

GRASSHOPPERS

Meiosis in **grasshopper:** chiasma frequency a- 090629
in females of **grasshopper Melanoplus** femur 090518

GRASSLANDS

aspen groves & their invasion into **grassland** 086662
nutrients effect total yield of **grassland.** 088396
in areas with high percentage of **grassland.** 088476
Noxious weeds in **grassland:** Docks, thistles 089590
nutrients effect total yield of **grassland.** 091880
Western snowberry in **grassland areas** of pa- 086663
protection of non cultivated **grassland areas** 092352
Bog-grassland & its plant sociological & eco- 086693
Practical instructions for **bringing grassland** 088475
A new Spiranthes from **grasslands** of **central** 086450
Grassland ecosystem evaluation. 086653
populations in various **grassland ecosystems** 090425
Water control of **floodplain grasslands** in Li- 092190
fertilization on quality of **grassland forage.** 091879
development & yield on **mountain grasslands** 088536
in dependence on **grassland percentage.** [Ea- 084433
utilization of **permanent grassland** on light 088474

GRATING

Wire grating for beehive front. 091213

GRAVEL

Microclimate in bed of **gravel culture.** [Hyd- 088837

GRAVID

Effect of chlorpropamide on **gravid swine** & 084848
Studies on pigments of non-**gravid uterus** & 084375

GRAVITY

White pine shoots: roles of **gravity & epinas-y** 088244
in placing centre of **gravity** of **single**-axled t- 091376
of sample joint dissection & **specific gravity** 083456

Measurement of **specific gravities** in dog uri- 084351
Mechanical properties & **specific gravity** of 086263

GRAY
losses of strawberry fruits from **gray mold.** 088987
Cultural study of **gray mold** fungus Botrytis 089063

GRAZING
on heavier soil in a humid region. [**Grazing**] 084398
in relation to amount & dates of **grazing.** 084731
on heavier soil in a humid region. [**Grazing**] 088316
on fodder consumption by **grazing animals.** 084432
Control of **grazing behavior** & hematological 084532
of grass legume mixture for **grazing cattle** in 084723
Add some protein with **grazing crops.** 084639
Growth & reaction to **grazing** in **Danthonia** 087904
Milk & herbage intakes by **grazing lambs** b- 084047
Economic potential of tropical **grazing lands** 088518
on entry of sulphur into **pastures grazed** by 084224
under contimuous & **restrotation grazing** sys- 084476
Rest-**rotation grazing** at Harvey Valley ... R- 084713
A deferred-**rotation grazing** system for sout- 088488
Rest-**rotation grazing** at Harvey Valley ... R- 088537
infecting sheep during **grazing season** on pe- 085192
Urea for **grazing sheep** & cattle. [Dietary s- 084695
at pre-determined times. [**Sheep, grazing**]. 091246
Orchard sprays & **grazing stock.** 090402

GREEN
coronilla] seed by staining with fast **green.** 083531
Chemical composition of unripe (**green**) & r- 083798
coronilla] seed by staining with fast **green.** 087673
Chemical composition of unripe (**green**) & r- 088091
activity in cell extracts of blud-**green alga** 087450
nature of a pigment system in **green alga** P- 087475
of a virus infecting a blue-**green alga** of genus 089424
of mutagenic chemicals on blue-**green algae.** 087262
flexilis] that lyses blue-**green algae.** 087452
of ribosomal RNA in blue-**green algae.** [Tol- 087368
Blue-**green algal** virus N-1: physical propert- 089421
Borer problem in **green ash** in North Dakota 090145
Chilling injury in **green banana** fruit: chang- 089514
Green bands & Christmas trees. 086002
of cytochrome b-559 in **greening barley** seed- 087842
Bavarian green conscience; 60 years of natu- 092314
enzymes extracted from frozen **green beans** 083751
other important diseases of **green beans.** 089537
Lygus [hesperus] bugs on **green beans:** a co- 090659
Action of mutagenic chemicals on **blue-green** 087262
stability of ribosomal RNA in **blue-green** al- 087368
granule polypeptide contained in **blue-green** 087412
A Flexibacter [flexilis] that lyses **blue-green** 087452
Blue-green algal virus N-1: physical propert- 089421
of a virus infecting a **blue-green** alga of genus 089424
amounts of arsenic with **brilliant green.** [Pol- 092289
Biological synopsis of **green cloverworm** in 089912
Bavarian **green conscience;** 60 years of natu- 092314
Green control on way-to control weeds, regu- 088046
aminolevulinic acid by **greening cucumber** c- 087961
L. I. Crossing between a **cultivar** of **green** g- 086990
on energetic utilisation of **dry green-**feedstuf- 084059
Ion uptake by slices from **greening etiolated** 087854
energetic utilisation of dry **green-feedstuffs** 084059
grasses. 2. Nutritive value of **green fodder** of 083862
Preseravtion of grass & **green fodder** crops 083909
Teosinte, a good **green fodder.** [Euchlaena]. 088402
Conservation of **green food** by cooling & by 083888
Green forage harvest & feed preservation. 083869
Transition to **green forage.** [Dairy cattle]. 084525
Green forage harvest & feed preservation. 088340
management in hay & **green forage** harvestid- 088341
date on feed quality & yield of **green forage** 088393
emergence & persistence of **green foxtail.** [087722
some enzymes extracted from **frozen green** 083751
Consider a **green garden.** 088642
angularis (Willd) W.F. Wight & **green gram,** 086990
of hybrid cucumbers from **green houses.** 087184
Green island in rust infection of Sorghum. 089039
Mevalonate kinase in **green leaves** & etiolat- 087964
Soybeans for forage & **green manure.** 083872
Green manuring, a biological valuable meas- 088932
From shells of **green nuts;** production of No- 083114
applied under field conditions to **green oak** 090173
Insecticide resistance in **green peach** aphid 090096
Storage of **green plantains.** [Bananas]. 083826
of drying conditions for **green plants,** predri- 083906
phytochrome switchmaster of **green plants.** 087382
of sowing, spacing & picking of **green pods** 088890
of chlorophyll content using **green punch** s- 087892
Green Revolution-an approach to agricultural 082596
Future of **Green Revolution** in West Pakist- 082597
Green revolution: Its political, social & eco- 082613
Salad greens. 088725
Wilting & **green spotting** of pineapple by bi- 090049
Nitrogen packaging of **green tea** by flexible 083157
amino acids during roasting of **green tea.** 083158
on relation of taste pattern of **green tea** with 083159
Timing green wave. [Phenology, plants]. 086677
microbiological properties of **green tomatoes** 083731
Timing **green wave.** [Phenology, plants]. 086677

GREENBELT
implications of **greenbelt Irrigations.** 092090

GREENERY
Greenery to **cover** ground. [Landscape]. 088736

GREENHOUSES
emerging winter wheat plants in **glasshouse.** 087883
when growing cucumber in **greenhouses.** 089446
emerging winter wheat plants in **glasshouse.** 089720
vegetable crops in field & **greenhouse;** 1972 090002
Management of bees in **greenhouses.** [Apis 091185
Materials used for roofing of **greenhouses.** 091265
Building & operating **backyard greenhouse** in 091287
of forced tulips in **glasshouse** under **certain** 089371
virus detection in **greenhouse** of **cultivated** g- 089428
quality of muskmelon in **greenhouse culture** 088558
plasticulture in world. [**Greenhouse culture**] 088564
Area destined for **greenhouse culture** in Spa- 088784
capsules for plants. [**Greenhouse culture**]. 088895
carbonic fertilizers for **greenhouse culture.** 091974
of aphids in **glasshouse** by means of **gall** mi- 090100
Greenhouses for **growing.** 088745
control characteristics of **heated glasshouses** 091267
of conditions in **greenhouses** of low & **high** t- 091247
Building **hobby greenhouses.** 091294
related enterprises: **greenhouse horticulture** 088838
Greenhouse management for grape culture. 088794
in an air-supported **plastic greenhouse.** 087764
Larix seedlings in **polyethylene greenhouses** 088278
control aphids on **greenhouse snapdragons.** 089990
on fungal flora in a **greenhouse soil.** 091682
Greenhouse studies on insecticidal control of 089966
mosaic virus infection of **greenhouse tomato** 089331

GREGARIA
desert locust, Schistocerca **gregaria Forsk.** 090428
locusts & leafworms. [**Schistocerca gregaria**] 089828
in desert locust, **Schistocerca gregaria** (Ort- 090498

GREWIA
a quick yielding fruit. [**Grewia asiatica**]. 088881

GREYHOUNDS
several blood enzyme levels in **Greyhound.** 084070

GRIDS
corn earworm males in **electric grid** traps ba- 089916
membrane on electron **microscope grids.** [T- 089382

GRINDING
problems by use of **grinding accelerators.** [086124
Effect of mechanical **crushing grinding** of sa- 091726

GROUND
on crop fauna occurring above **ground.** [Bra- 090020
From **ground** up. [Soil surveys]. 091744
Ground application of certain ULV concent- 089876
Replacement of **ground barley** & steamed po- 084685
Palatability of **ground beef** home frozen & s- 082750
Collecting hibernating **ground beetles** under 090540
Ground beetles collected from sea-shore drif- 090543
of meta-cresol by some **ground beetles.** [Car- 090752
Greenery to **cover ground.** [Landscape]. 088736
Growth retardants for **ground covers** in Ha- 088051
Ground covers labor-saving plants. 088575
Ground covers for Hawaii landscapes. [Vari- 088675
plants for home landscapes, **ground covers** to 088903
of cucumber to trellis vs. **Ground culture.** 088681
on handling process of wood **fiber ground** by 086152
U. S. cotton **gains ground** in West German 082373
Studies on drying of **ground** in **Hachirogata** 092046
Collecting **hibernating ground** beetles under 090540
on liability to freezing of **ground-keepers.** [088869
native plants for home **landscapes, ground** c- 088903
Recharging ground water reservoirs. 092078
concentration in above **ground substance** of 087877
lagoon. I. settling down of **ground surface** in 092046
on plain in areas close to **ground water.** [Fo- 085916
Effects of fertilization on **ground water.** 091997
Recharging **ground water** reservoirs. 092078
Pollution of surface & **ground water.** 092324
Potential for **ground water** pollution from l- 092329

GROUNDNUTS
ant heme enzymes in life span of **groundnut** 087695
on growth & nodulation of **groundnut.** 091795
characteristics of **groundnut** & **chillies.** 083598
Early runner. **Groundnut** for **Chotanagpur,** 088412
Bullock drawn **groundnut digger.** 091380
in maize & **groundnut** is more **economical.** 089709
contributory characters in **groundnut grown** 091910
Harvest groundnut M-13 at right maturity f- 088491
of urea & **groundnut** in **isoenergenetic** diets 084461
leafspot on **groundnuts** in **Malawi** & its effe- 088891
aflatoxin B. Amount of **groundnut-samples.** 083851
on Asiriya Mwitunde a **groundnut variety** fr- 088449

GROUNDWATER
Nutrients in Nebraska's **groundwater.** 092423
Study of **groundwater flow** to drainage pipes 092136
of fertilizers to **groundwater pollution.** 091983
Groundwater regulation experimental plant 088391
Nebraska: a survey of **streams, groundwater,** 092276
Groundwater system in sandy soils of arid r- 092237
in rainless days. [**Watersheds, groundwater**] 092113
period 1968--1971. [**Groundwater, Yugoslavia**] 082009

GROVES
Ecology of **aspen groves** & their invasion in- 086662
brown rot outbreak in a Florida **citrus grove** 089206
decline of citrus trees in **Florida groves.** 089461
of citrus red mite in summer **orange grove.** 090054
Summer **grove practices.** [Citrus, plant prot- 089462

GROWERS
northern India: Problems faced by **growers.** 088771
report of Swiss Wine **Growers Association** f- 088914
marketing factors to contract **broiler growers'** 082429
Proceedings, 2d annual **Flower Growers** Sho- 088677
practices & resistant varieties **help growers** 089069
is & how does PACA affect **Oregon growers.** 082447

GROWING
beginner. 6. An environment for **growing.** 088577
Greenhouses for **growing.** 088745
Development of large fruit-**growing areas--** 088655
stem borers in different rice **growing areas.** 089934
on metabolisn in rumen of **growing beef** catt- 084387
their efficiency in intensive **berry growing.** 088658
in blood serum of **growing calves** & in bovine 084373
meal on body gain of **growing chickens.** 084399
as a source of calcium for **growing chicks.** 084555
gross protein value with **growing chicks.** II. 084610
Growing children need more vitamin C. 082985
L.) in relation to **growing conditions.** 088297
industry on mechanized **cucumber growing.** 083807
plant protection when **growing cucumber** in 089446
fed neonatal piglets & **early growing** self-fed 084578
Growing exports of spices to USSR. 082361
Road stabilization in fruit **growing farms.** 088856
on performance of **growing--fattening** pigs. 084397
in pelleted rations for **growing-fattening** she- 084570
of brewers grains for **growing & finishing** ca- 084573
cervisiae yeast culture in **growing-finishing** 084579
vitamin A relationship in a **growing-finishing** 084728
overcome alternate bearing in **fruit growing** 086925
cultivation techniques in **fruit growing.** 088647
Development of large **fruit-growing** areas-- 088655
Road stabilization in **fruit growing** farms. 088856
Small-**fruit growing** in Italy & nearby count- 088857
Road stabilization in **fruit growing** farms. 091290
Protein & energy retention of **growing geese** 084314
in isoenergenetic diets for **growing heifers.** 084461
soil protection from erosion & **lawn growing** 092053
rots of peaches during **growing & marketing** 089151
Changes of ECG on dog as **growing older.** 084083
A technique for **growing ornamental** woody 088937
Experience in **growing pear-**trees in form of 088935
in various concentrations to **growing pigs.** 084388
Nutritive value for **growing pigs** of single cell 084389
in composition of diet of **growing pigs.** 084426
of utility wheats for starting-**growing pigs.** 084499
High moisture grains for **growing pigs.** 084500
supplements for starting-**growing pigs.** 084506
supplements in diets for **growing pigs.** 084507
Cooper levels in diets for **growing pigs.** 084562
of feeding lysine in solution to **growing pigs** 084583
Amino acid requirement of **growing pigs.** I. 084692
Cadmium-induced anemia in **growing pigs:** p- 085691
seed farming & **growing** of **planting** material 086039
Nitrogen excretion by **growing poultry** on ni- 084435
Growing Primula. 088672
stem borers in different **rice growing** areas. 089934
for lands suitable to **rice growing.** 091488
of enzyme system in **growing root** cell. II. i- 087694
Experiment in **growing rootstocks** & grafts 088908
in vegetables forcing & **seedling growing.** 092038
fed neonatal piglets & early **growing self-**fed 084578
tissue free amino acids in **growing sheep.** 084602
of utility wheats for **starting-growing** pigs. 084499
protein supplements for **starting-growing** pi- 084506
summer forage systems for **growing stocker** 084623
Growing street trees in containers. 088652
Healthy seed, **succesful growing** of spruce s- 086021
of operations in **growing** of **sugar-**beet. 091431
Growing a **super-**soil bank. 092030
nitrogen retention capacity of **growing swine** 084282
Cadmium toxicity in **growing swine.** 085784
Growing trellised tomatoes in western North 088829
News on methods of **vegetable growing** in S- 088653
Growing waratahs. 2d ed. [Telopea speciosis- 088831
of typical vineyards & **wine-growing** in Cze- 086683
on increasing efficiency **wood growing.** 085911
on grain maize crop at **two-year growing.** 091789

GROWTHS
exporter--has potential for more **growth.** 082381
var. fastuosa at various stages of **growth.** 082634
What is a meat animal? [**Growth**]. 085422
copticum at different stages of **growth.** 087554
of high amylose-content, during **growth.** 087890
Growth of "Washington Navel" & "Late Va- 088047

model of phosphorus uptake & **growth.** 088079
phosphonic acid on **growth** & **abscission** of 087934
Study on **growth acceleration** of sugar beets. 087785
Growth of **acreage** under raw cotton in India 082490
of light source on **growth** of **alfalfa** cultivars 087720
hydroxy analog on **growth, amino** acid cont- 084234
sward density on **growth** of some **annual** pas- 089611
Latent potential for **growth** in **apple** tree. 088022
Growth of **Aspergillus** nidulans in a thin liq- 087422
trace-elements on **growth** of **Aspergillus** nig- 087598
in a pine forest soil. II. **Growth** of **bacteria** 091741
Determination of **bacterial growth** rates in t- 091528
Regulation of **growth** of **barley** stem by 2-ch- 087746
whey to wheat flour on **growth** & **body** com- 084598
high-protein diet on **growth** & **body** composi- 084605
of "hypophysectomy" on **bone growth** & alk- 084248
Structural studies on **bovine growth** hormone 084168
on active fragments of **bovine growth** hormo- 084170
to hydrocarbon yeast on **growth** of **broiler.** 084611
with bentonite on **growth** of **cellulolytic** fungi 091716
of trinitrotoluene on **growth** of **chickens** for 084329
Effect of animal fats on **growth** of **chicks.** 084545
acid on **growth** of **Chlorella** pyrenoidosa & i- 087205
Competitive growth of capeweed (Arctotheca 087676
positive temperature on **growth** & **content** of 087745
Critical growth stages for 2,4-D phytotoxici- 089562
Plant root systems & **crop growth.** 087603
energy material in soil on **growth** of **crops** 087666
of limited milk feeding on **growth** of cross-b- 084541
Study of **growth curve** of Robusta Lionata. 084938
in rice plant. I. Seedling **growth depending** 086936
during fattening. 4. **Growth** & **development** 084159
different stages of **growth** & **development.** 084438
during fattening. 4. **Growth** & **development** 084533
Growth & **development** of baby pigs with ea- 084696
western pine trees on **growth** & **development** 089575
eggs. I. Termination of **diapause** & **growth** of 091176
Growth & **differentiation** in calli originated 088236
wall thickness during **growth** of **domestic** & 087931
moisture uptake, seedling **growth, dry** weight 087685
potatoes grown for seed. I. **growth dynamics** 088900
Results of **early growth** & increment of five 085976
Ethylene & germination & **early growth** of 087858
substrates on germination & **early growth** of 088217
Agriculture & **economic growth.** 082040
of agricultural products & **economic growth.** 082444
of thymidine during **elongation growth** of Si- 087631
routine-examination for **growth energy** of fr- 088103
ion concentration] on **growth** & **enterotoxin** 082819
forest stand structure & **growth estimates** d- 085945
purified & natural dies. VI. **Growth, estrus,** 084571
Feeding studies with **ethephon growth** regul- 090348
diet during finishing period on **growth, fat** d- 084604
Effect of carbadox on **growth** & **feed** utilizat- 084646
of phosphorus & zinc on **growth** & **flower** in- 088190
on effect of light on **growth** & **flowering** in 087927
producing chemicals on **growth** & **flowering** 088074
chloride) on vegetative **growth, flowering** & 088188
Effect of litter size upon **foetal growth** rate 084801
Productivity of calves **following growth.** [Fl- 084558
on forage yield, on spread of **forage growth** 088323
Sociopolitical situation for **growth** of **forests** 085821
Growth & **free** amino acids of maize seedlin- 087882
fertilizer application on **growth** & **frost** resis- 091923
Fruit growth studies in Litchi (Litche chine- 088189
Effect of bunch covers on **fruit growth** & ma- 088219
with bentonite on **growth** of **fungi** utilizing 091717
of spacing on **growth** of two **genotypes** of pe- 087773
dynamic aspects of **growth** in **Geotrichum** c- 087637
Rate of **growth** of **greenheart** (Ocotea rodiaei 085902
Periodicity of **height growth** in silver fir see- 088270
bovine skin; enhancement by **growth** in **high** 085374
of sheep pituitary **growth hormone.** 084055
luteinizing hormone & **growth hormone** in l- 084137
Effect of **growth hormone** on fattening perfo- 084138
studies on bovine **growth hormone.** 084168
structure of porcine **growth hormone.** 084169
active fragments of bovine **growth hormone.** 084170
Effects of **growth hormone,** prolactine & ass- 084429
chains of bovine & ovine **growth hormones** 084167
Growth of **individual** tubers. [Potatoes]. 088186
fruit yields by using **growth-inhibiting** agents 088107
identification of a **growth inhibitor** in tung 087220
Growth inhibitors in leaves of Abies sachali- 088274
Growth inhibitors from etiolated leaves of b- 089853
of timber species in **initial growth** period. [086623
Effects of an **insect growth** regulator with h- 089999
Hormones in **growth** of **insects.** 090635
acid supplements upon **growth intens-** 084454
beef cattle subsequent to **interrupted growth** 084215
A study on yield & **growth** of **Japanese** larch 085971
levels of some ingredients on **larval growth.** 091177
Length growth of humerus, os femoris & tib- 084281
Simulation of **lettuce growth** in an air-suppo- 087764
Effect of pronamide on **lettuce growth** & we- 089647
Simulation of **lettuce growth** in an air-suppo- 091268
Growth & **life** cycle of Baetis rhodani (Pict. 090563
Growth linkages of new foodgrain technolog- 082057
fluoride & lead on **growth** of **loblolly** pine & 085824
Effect of catechin on **growth** of **mazzand** ch- 088230
An apparatus for **measuring growth** of bacte- 092087
of ultraviolet irradiation on **growth** of **micro** 082815
washing on **growth** & **mineral** content of Tri- 087575
acid on **mitocic growth** of yellow corn. 087645
production rates in young-**growth, mixed**-con- 086264
Regional **growth models**--an analytical appr- 082501
of gas packaging on **growth** of **mold** & yeast 082847
Inhibition of **muscle growth** in foetal sheep. 084207
of dietary protein on skeletal **muscle growth** 084662
Estimation of **mycelial growth** during deco- 087309
Monotropa hypopitys L. on **mycelial growth** 087465
in apical articles in **growth** of **mycelium** of 087193
culture conditions on **growth** of **mycelium** & 089291
medium on speed of **growth** of **Mycoplasma** 085559
molybdenum on **growth** & **nodulation** of gro- 091795
Studies on **growth** & **nutrient** absorption of 088023
gibberellic acid & sucrose on **growth** of **oat** 087841
control weeds, regulate **ornamental growth.** 088046
yield, on spread of forage **growth over** year, 088323
alanyl chains of bovine & **ovine growth** hor- 084167
Effect of nitrogen on **growth** of **Panicum** in 091907
Studies on **growth pattern** & improvement of 088092
of timber species in initial **growth period.** [086623
initiation of a terminal **growth phase** in Cec- 090592
Effect of breed on course of **growth phases** of 084306
chloride & B-995 on **growth** & **pigmentation** 087692
Growth of **Pinsu** radiata in southern Chile. 085920
Effect of air temperature on **growth** of **Pinus** 088278
Primary structure of sheep **pituitary growth** 084055
Insecticides, fungicides, **plant growth** regula- 082872
Mutations & **plant growth** substances. 086964
solution of some water supply, **plant growth** 087322
influenced by environment & **plant growth** r- 087355
present in white light. [**Plant growth**]. 087392
Effect of some **plant growth** regulators on r- 087573
of radiclonic acid, a new **plant growth**-regul- 087608
Endogenous **plant growth** substances in deve- 087932
ultrastructural effects of **plant growth** subst- 087969
Postharvest effects of **plant growth** regulato- 088902
implications of water levels on **plant growth** 089659
Influence of **plant growth** stage & environm- 089724
solution of some water supply, **plant growth** 092097
water content, & **growth** after **planting** of d- 088255
winter wheat on stages of **growth** of **plants.** 087876
On morphology & **growth** of **pollen** in speci- 086781
Population growth & pathogenicity of Parat- 089527
oh primary structure of **porcine growth** hor- 084169
Estimation of survival & **growth potentials** of 086086
Growth of **poultry** by feeds destined for catt- 082700
changes: space needed for **practical growth.** 085151
Growth & **primary** productivity of kobanoy- 085933
Growth product of 70's: Liquid mixed fertili- 091871
Growth & **production** structure of Acacia mo- 085932
Growth & **production** structure of Acacia mo- 085934
raising farms as a factor **promoting growth** 082626
basis for application of **growth promoting** s- 087311
kikuchiana Tanaka. 1. **Growth promoting** p- 089281
A simple medium for **quick growth** of Rhizo- 091776
Growth of **radiata** pine following thinning. 088256
between tannin levels, **rat growth,** & distrib- 084559
Comparative studies on **growth rate,** voluntа- 084190
Effect of month of hatch on **growth rate** of 084197
Effect of litter size upon foetal **growth rate** 084801
Determination of bacterial **growth rates** in t- 091528
technique for determination of **growth rates** 091530
Digestibility of & **growth** on **rations** contain- 084590
Growth & **reaction** to grazing in Danthonia 087904
On **growth** of **regeneration** trees & envirom- 088258
Regional growth models--an analytical appr- 082501
Effect of some **growth-regulating** compounds 087330
Use of **growth regulating** chemicals on prun- 088121
acid, a new plant **growth-regulator** produced 087608
Growth regulator induction of parthenocarpy 087795
Effects of an insect **growth regulator** with h- 089999
studies with ethephon **growth regulator** in d- 090348
Effects of an insect **growth regulator** with h- 090499
fungicides, plant **growth regulators,** residnes 082872
Effect of wrappers & **growth regulators** on s- 083832
Experiences with **growth regulators** in feed 084635
by environment & plant **growth regulators.** 087355
Effect of some plant **growth regulators** on r- 087573
tools in fruit production. [**Growth regulators** 088119
effects of plant **growth regulators** SADH [s- 088902
of macro-nutrients on **relative growth** of wa- 087364
Effects of DDT on **growth** & **reproduction** in 085793
Growth & **reproductive** performance of bulls 084571
Growth response of Lactobacillus casei varie- 083315
Growth response of container-grown woody 088061
Studies on **growth responses** of cross-bred c- 084190
Studies on **growth responses** of cross-bred c- 084541
Root anatomy & **growth responses** of blue p- 086717
Growth responses of larvae of rice weevil, 090192
height in sunflowers with **growth retardants** 087724
Growth retardants for reducing height of two 088038
Growth retardants for ground covers in Ha- 088051
on control system of paddy-**rice-growth** by 087900
of soil water conditions on **growth** & **root** p- 087855
natural Todo-fir forest land: **growth** of **Sasa** 085833
between seed weight & **seedling growth** in r- 086936
moisture uptake, **seedling growth,** dry weight 087685
between seed weight & **seedling growth** in r- 087749
reproduction, & **growth** of **setipalpian** Pleco- 090761
Growth of **several** species of hibiscus & mal- 088192
Growth & **sex** expression in Sesamum indic- 087684
Leaf & **shoot growth** on Acacia kempeana F. 087906
Shoot growth of young apple trees as influe- 087935
Effect of tapping on **growth** of **Siberian** pine 088239
of surgical decapitation on **skeletal growth** in 084247
at various stages of **growth** in **sorghum.** 087667
Spatial growth of Sorghum halepense (L.) 089751
Influence of temperature of **growth speed** & 088043
organic acids on **growth, sporulation** & subs- 087600
trace elements on **growth** & **sporulation** of 089096
organic acids on **growth, sporulation** & subs- 089274
sulphur on **growth** & **sporultaion** of Gusari- 087407
Seasonal forecasting of **spring growth** & flo- 087754
A **growth-stage** key for rape. 088004
Influence of plant **growth stage** & environm- 089724
Critical **growth stages** for 2,4-D phytotoxici- 089562
description of inhibition of **stem growth** in v- 088178
A **growth stimulant** for swine presents itself 084619
Growth stimulation of Armillaria mellea by 089196
Fruit **growth studies** in Litchi (Litche chine- 088189
Effect of petroleum-based **growth substance** 088070
Mutations & plant **growth substances.** 086964
Endogenous plant **growth substances** in deve- 087932
effects of plant **growth substances** in vitro. [087969
sowing treatment with **growth substances** on 088191
protection materials & **growth substances** as 090323
a water table level on **growth** of **sugarcane.** 087762
Growth & **survival** of mulga (Acacia aneura 087908
initiation of a **terminal growth** phase in Cec- 090592
season of rice plant & its **growth** in **ther** wa- 088437
N-nitrosourethane upon **growth** of **tissue** cul- 087691
tissues were infected with **"tissues growth"** 089400
Growth & **toxicity** tests on marine nanopla- 087363
Growth traits in straightbred & reciprocally 084832
I. Effect of fertilization on **growth** of **trees** p- 091836
Pollen germination & **tube growth** after self- 087354
on pollen germination & pollen **tube growth** 087933
of high temperature on pollen **tube growth** of 087942
Temperature effects on pollen **tube growth** in 088118
Effect of crop residues on **growth** of **turnips** 088207
ammonium chloride) on **vegetative growth,** f- 088188
acetic acid] sprays on **vegetative growth** & f- 088193
Survival **versus growth** of a facultattive psy- 083395
concentrations on **growth** of **waterhyacinth.** 089660
failure of thyroxine to restore **wool growth** 084049
Type Arnold as parent on **growth** & **yield** of 087096
chloride (CCC) on **growth, yield** & fibre pr- 087912
Growth & **yield** of vineyards with various m- 088221
of harvesting period on **growth** & **yield** of ch- 088780
on influence of liming on **growth** & **yield** of 091794
Growth & **yield** of vineyards with various m- 092257
Logging production rates in **young-growth,** 086264

GRUBS
of root feeding insect pests: **grubs** & **billbugs** 089776
Control of **cattle grubs.** [Hypoderma lineat- 090228
Control of **cattle grubs** in horses. [Hypoder- 090288
Control of **white grubs** (Melolontha melolon- 089965

GRYLLIDAE
Nemobiinae (Orthoptera: **Gryllidae**) of Can- 090929
of nervus allatus in **Gryllus domesticus** Latr. 090512

GRYLLOTALPIDAE
in spermatocytes of **Gryllotalpa hexadactyla** 090621

GUANINE
stability conferred by **guanine-cytosine**-rich 087688

GUANOSINE
of mannose from **guanosine diphosphate** ma- 087270

GUAR
Guar gum as a substitute for commonly used 083660

GUAVAS
Salt tolerance of **grape, guava** & olive plants 087929

GUERNSEY
SEE CATTLE

GUIDEBOOKS
A **guidebook** of **Montana** laws governing mu- 082620

GUIGNARDIA
SEE SPHAERIACEAE

GUM
Shiny-**barked gum,** Eucalyptus pachycalyx 086372
Large-leaved **cabbage gum,** Eucalyptus grand- 086368
Alpine **cider gum,** Eucalpytus archeri Maid- 086361
Morrisby's **gum, Eucalyptus** morrisbyi R. G. 086359
Mountain swamp **gum, Eucalyptus** camphora 086363
Camden white **gum, Eucalyptus** benthamii 086364
Snow **gum, Eucalyptus** niphophila Maiden et 086366
Large-leaved cabbage **gum, Eucalyptus** grand- 086368
Shiny-barked **gum, Eucalyptus** pachycalyx 086372
Umbrawarra **gum, Eucalyptus** umbrawarrens- 086373
Urn **gum, Eucalyptus** urnigera Hook. f. 086374
Tasmanian alpine yellow **gum, Eucalyptus** s- 086375
Tasmanian yellow **gum, Eucalyptus** johnston- 086376
Darling range ghost **gum, Eucalyptus** laeliae 086379
On analysis of **gums** used as **food** additives. 083231

Darling range **ghost gum,** Eucalyptus laeliae 086379
Guar gum as a substitute for commonly used 083660
Heart-leaved **silver gum,** Eucalyptus cordata 086360
Snow gum, Eucalyptus niphophila Maiden et 086366
Mountain **swamp gum,** Eucalyptus camphora 086363
Umbrawarra gum, Eucalyptus umbrawarrens- 086373
Urn gum, Eucalyptus urnigera Hook. f. 086374
Camden **white gum,** Eucalyptus benthamii 086364
Tasmanian alpine **yellow gum,** Eucalyptus s- 086375
Tasmanian **yellow gum,** Eucalyptus johnston- 086376

GUMBORO
Nature & diagnosis of **Gumboro disease** in p- 085216

GUMMOSIS
Occurrence of **gummosis** in **apple** & calcium 089520

GUSTATORY
SEE TASTE

GYNECOLOGY
Comparison of **gynecological findings** in catt- 085667

GYNOECIUM
androecium & **gynoecium** of **Sagittaria** latifo- 086745

GYPSUM
Effect of **gypsum treatment** on swelling of n- 091746

GYRINIDAE
sbustriatus Steph. **(Coleoptera, Gyrinidae).** 090656

GYRINUS
direction-finding by whirligig **beetle Gyrinus** 090656

HABITATS
Effect of some **habitat conditions** on nutrient 087877
On genesis **conditions, habitat** evaluations & 091774
A habitat in **development:** villages-streets of 081990
Hbst. distribution within **different habitats.** 090410
active microbialcells in **natural habitats.** [F- 086639
to taxonomic grouping & **habitat tolerance.** 086391

HABITS
on inheritance of short-**branch habit** in Gos- 086862
Flowering habits of some species of Ischae- 086458

HABROBRACON
antennae & legs of **Habrobracon juglandis.** 090533

HAEMAPHYSALIS
Haemaphysalis (Kaiseriana) celebensis Hoo- 090263
Haemaphysalis ticks. XI. **Haemaphysalis** (090264
Haemaphysalis (Kaiseriana) mageshimaensis 090265
Haemaphysalis (Kaiseriana) celebensis Hoo- 090980
haemaphysalis ticks. XI. **Haemaphysalis** (R- 090981
Haemaphysalis ticks. XI. **Haemaphysalis** (090982
Haemaphysalis (Kaiseriana) mageshimaensis 090983
parthenogenetic **Haemaphysalis longicornis** 090517

HAIL
by **hail** on some **morphophysiological** charac- 089564

HAIR
study of protein constituants of wool & **hair** 083390
development of **hairs** in **Agrimonia** eupatori- 087357
Taxonomical evaluation of **articulated hairs** 086330
Morphology of **glandular hairs** of Cannabis 086707
Plant hairiness in Allen cotton (Gossypium 086917
Influence of **root hairs** in supplying soil pho- 087725
Oogenesis in suppressor of **hairy-wing** muta- 090598

HALLOYSITE
between beta-casein & **halloysite.** 083359

HALOGENS
activity of **halogenated organophosphates** to 089809
Caespitol, a new **halogenated sesquiterpene** 087610

HALORAGACEAE
in large Wisconsin lakes. **[Myriophyllum].** 089652
parrotfeather. **[Myriophyllum brasiliense].** 086760
Arsenal, Maryland. **[Myriophyllum spicatum]** 089650
watermilfoil **(Myriophyllum spicatum** L.). [089656

HAM
determination of protein content in **hams?** 083429
swine meat, dry salami & dry **country hams** 083400
Characteristics of **hams** & **loins** from high & 083458
microbiological flora of canned **Parma ham.** 082818
Psychrotrophic bacteria in **sliced ham.** 082738
of short-cut country-**style hams.** 082843

HAMSTERS
of tumors in **hamsters** with a **bovine** adenovi- 085243
of epididymal duct in **golden hamster** (Meso- 084212
tumor into cheek pouch of **newborn hamster** 085650

HAND
Recent facts on raising livestock by **hand.** 083941
of machine application with **hand-held** equi- 091472
motion study for work of **hand-milking** of c- 083954
packing costs--machine versus **hand systems;** 082274

HAPLODIPLOSIS
Tests in control of **Haplodiplosis equestris** in 089932
vonRoser = **Haplodiplosis equestris** Wagner 089939

HAPLOIDS
beans": A new source of **haploidy** in **cacao** t- 086882
preliminary evaluations of **doubled haploids** 086884
height-gene effects in **doubled haploid** Sorg- 086897
elimation during **haploid formation** in barley 086886
on synaptonemal complex of **haploid maize.** 087060
Nicotiana & characteristics of **haploid plants.** 087782
Triple haploids in Cucurbita. 086982

HAPLOPAPPUS
on karyology of **Haplopappus spinulosus** (P- 086824

HAPTEN
immune respone. Variation of **anti-hapten** & 085345

HARDBOARD
properties of SIS **hardboard manufactured** f- 086191
on strength properties of **SIS hardboard.** 1. 086189
on strength properties of **SIS hardboard.** 2. 086190
once waste, makes **superior hardboard.** 086272

HARDENING
works concerning soybean **oil hardening.** 083574
of starch at **hardening temperatures.** [Cabb- 083721

HARDINESS
studies of Ctenosciara hawaiiensis **(Hardy)** 090762
Ireland & its significance for **hardiness.** 088050
Cold hardiness of Malling clonal apple root- 087998
on water economy & **hardiness** of **conifers.** I 088300
Varietal difference in **frost hardiness** of tea 087431
Breeding winter-**hardy marrowfat** pea variet- 087180
Poncirus trifoliata **Hardy Orange.** 088825
hydrazide (Alar) on **winter hardiness** of app- 088213
Yuccas--hardy & elegant. 088763

HARDNESS
Germination of **hard alfalfa** seeds under acti- 087654
Kaiser, Hoogstraal, & Kohls, & a **hard tick,** 090262
Kaiser, Hoogstraal, & Kohls, & a **hard tick,** 090723
Water men given a **"hard Times".** [Water q- 092284
Problem of **hard wheat.** 083637

HARDWOODS
in two Appalachian areas. **[Hardwoods].** 086261
qualities of Korean **common hardwoods.** 086241
Propagating with **hardwood cuttings.** [Shrubs 088731
diameters in tropical **hardwood forests.** 085903
Rayon grade pulp from **Indian hardwoods.** 086168
diarylpropane from **hardwood lignin.** [Fraxi- 086177
from alkaline solutions of **hardwood lignin** 086252
transportation of sawn **tropical hardwoods.** 086107
manufactured from **various hardwoods** of Ky- 086191

HARVEST
from banana pseudostems after **harvest.** 088218
root crops on rate & methods of **harvesting.** 088512
LP gasthe supply for this year's **harvest.** 091228
a case of paddy field after **harvested.** 092225
of various citrus cultivars. **[Harvesting aid].** 087938
Costs & returns from **alternate harvesting** 082238
Post **harvest apple** dips. [disease control]. 089580
of summer & post-**harvest application** of suc- 088213
on seed dormacy of post-**harvest barley.** II. 087810
Blueberry harvesting & packing costs--mach- 082274
Times for & ways of **harvesting broadbeans.** 088522
Major conclusion from **cereal harvest** 1972 088386
Wild cereals & pseudo-**cereals harvested** in 088420
different methods of **harvest** & **conservation** 083905
on process of drying grain. **[Harvesting date** 087874
grasses in Kenya. 6. effect of **harvest date** on 088466
shift complex use of **harvesting equipment:** 088386
Effect of pre-**harvest ethephon** application on 090001
of machines & shift work in **fodder harvest.** 091390
of power required for **harvesting fodder** crops 091459
Green **forage harvest** & feed preservation. 083869
flavus & aflatoxins in **harvested forage.** 083910
Green **forage harvest** & feed preservation. 088340
in hay & green **forage harvesting.** 088341
flavus & aflatoxins in **harvested forage.** 089288
of combine CRF-2,1 when **harvesting forage** 091416
biochemical changes in **fresh-harvested** pota- 088035
Union to mechanize tree & bush **fruit harve-t.** 088664
Breakthrough! **[Harvesting, fruit].** 091309
Union to mechanize tree & bush **fruit harve-t.** 091350
Thorough preparation for **grain harvest.** 088387
on full utilization of **grain harvesting** combi- 091353
of red wines in relation to **grape harvesting** 083756
Harvest groundnut M-13 at right maturity f- 088491
Ethrel & **machine harvest**-one-two punch for 082198
Methods for prediction of **harvest maturity** 088922
Mechanical harvesting of sugarcane. 088359
ethephon as an aid to **mechanical harvesting** 088902
Mechanical harvesting of sugarcane. 091327
Methods related to **mechanical harvesting** of 091428
Mechanical harvesting of black currants. [E- 091436
Mechanical harvesting of stwarberries. 091449
Advances in **mechanical harvesting** & handli- 091452
Mechanical harvesting of flue-cured tobacco. 091473
Mechanical harvesting of flue-cured tobacco. 091474
Mechanized harvesting for blueberries? 082670
of study & information: **Mechanized harvest** 088584
returns from alternate **harvesting methods** f- 082238
Modern harvesting of alfalfa & decrease of 088307
Economic aspects of **mushroom harvesting.** 082265
Hormones used for **harvesting** of **olives.** 088782
Effect of **harvesting period** on growth & yie- 088780
Continuing research on **post harvest** storage 083822
Studies on seed dormacy of **post-harvest** bar- 087810
Influence of summer & **post-harvest** applicat- 088213
Post harvest apple dips. [disease control]. 089580
changes in fresh-**harvested potato** tubers aft- 088035
of combines for **harvesting** of **potatoes.** 091421
Effect of **pre-harvest** ethephon application on 090001
of drying methods after **harvest** on **quality** of 083618
On 1972 **harvest report.** [Honey]. 083213
wines in relation to grape **harvesting stage** 083756
Harvesting, storage & transport of mango. 083691
Continuing research on post **harvest storage** 083822
Harvest & **storage.** [Soybeans]. 088352
Harvesting, storage & transport of mango. 088552
Central American **timber harvest:** Traditional 086141
Timber harvest--a deer's best friend. 086195
management can increase **water-harvesting** y- 092212

HARVESTERS
brushers mounted on **harvester-thrashers.** 091477

HATCHERIES
of Mexican **broilers hatcheries** industry. 083523
in three types of **hatchery incubator.** 085259

HATCHING
affecting fertility & **hatchability** in **chickens** 084411
Effect of lighting on bi-monthly **hatched egg** 084280
of cottonseed meal on **fertility, hatchability** 084401
Effect of month of **hatch** on **growth** rate of 084197
Effect of flavianic acid on **hatching rate** of f- 089572

HAUSTORIUM
Studies on **haustorium** of **Castilleja** (Scroph- 087333
Studies on **haustorium** of **Castilleja** (Scroph- 087334

HAY
fodder crops with intent of making **hay.** [St- 083909
fed intensively on barley with **hay added.** 084113
of storehouses & outlays of **aerated hay.** 091402
of Kochia hay compared with **alfalfa hay.** [084592
of a self-fed pelleted mixtures of **hay** & **calf** 084588
Bale handling systems. **[Hay, costs,** Britain] 082260
Hay fertilization in Flathead Valley, Monta- 091973
Technical management in **hay** & **green** forage 088341
of feeding dairy cattle in **intensive hay** past- 084513
Which **hay** making **machine?** 091440
of Lutana cicer milkvetch for **hay, pasture,** 088460
Different systems of **hay preparation.** 083877
How to get good **quality hay".** 088524
Production & costs of **hay wafers.** 1. 082200
Production & cost of **hay wafers.** 2. 082202
Effect of time of mowing on **hay yields** & q- 087813

HAYING
by artificial drying, ensiling, & **haymaking.** 083676

HAZELNUTS
Economic position of **hazelnut** in **area** of eas- 082297
Volume effect of **hazelnut bush** [Corylus ave- 086079
insects on early defoliation of **hazelnut trees** 089994

HEAD
variation in larval **head characteristics** of B- 090734
Corn head smut. [Sphacelotheca reiliana]. 089164
nodes & lymph vessels of **head** of **goat** (Cap- 084045
Management of **head injury** patient. [Veteri- 085770
U.S. Agricultural sales to **Japan headed** for 082383
containing two-**headed monsters.** 090739
Isolation of **head moulds** & assessment of m- 088990
Mouldy head of Triticale. [Fungi]. 089093
Surgery of **head** & **neck:** ear drainage (later- 085038
Cancer of **head** & **neck.** [Dogs]. 085611
functional characteristics of **head receptors** 090666
Damages at **source head** of Hitotsuse-River 085837

HEALING
biomechanical evaluation of **bone healing.** [085008
biomechanical evaluation of **bone healing** in 085637
Wound healing of cornea in chick embryo. I 084333
Wound healing of cornea in chick embryo. II 084334
Wound healing of cornea in chick embryo. I 085797
Wound healing of cornea in chick embryo. II 085798
Wound healing of seed potatoes after pre-tr- 089447

HEALTH
veterinary congress; concentration & **health:** 085327
Animal health & E.E.C. Animal welfare legi- 082533
Swaziland's export abattoir. **[Animal health,** 082879
Environment & **animal health** in piglet prod- 083915
Animal health & E.E.C. Animal welfare legi- 085066

Animal health research & laboratory animals 085092
Swaziland's export abattoir. [**Animal health,** 085133
Report on diploma in **animal health** course 085136
Relation between soil & **animal health.** 085173
in pasture & their effects on **animal health.** 085710
to draft law on **health appropriateness** of fo- 082753
by feeds destined for cattle & **health aspects** 082700
at Harvey Valley ... Range **health, cattle** ga- 084713
practice. [Veterinary medicine **cattle health** 085150
at Harvey Valley ... Range **health, cattle** ga- 088537
Report on diploma in animal **health course** 085136
Health damages & cyst formation in cattle 085732
of Egyptian cow in **health** & **disease.** 084371
Healthy food of animal origin through feedi- 083166
a look at organic gardening; **health foods,** c- 088818
stock of Novosibirsk, its **health importance** 085807
medicine cattle **health management**]. 085150
s export abattoir. [Animal **health, meat** insp- 082879
policy & way to **healthy nutrition.** 082656
Health officials study characteristics of soils 091572
Organization/ World **Health Organization**] 082628
Nutrition & its relation to **poultry health.** 084670
Bacterial picture of **healthy poultry** & those 085457
Nutrition & its relation to **poultry health.** 085717
State & problems of **health protection** of liv- 085157
trained in schools of **public health.** 085120
Some canine helminths of **public health** sign- 085507
Pesticides & **public health.** 090306
grazing at Harvey Valley ... **Range health,** c- 084713
Animal **health research** & laboratory animals 085092
Health resources in rural areas. 081939
of wastewater treatment & **health safeguards** 092466
Healthy seed, succesful growing of spruce s- 086021
Health services in rural America. 082027
helminths of public **health significance.** 085507
study of coconut leaves from **healthy trees** 089410
milk yield & composition & on **udder health** 083963
III. Leaf surface fungi of **healthy** & **virus** in- 089275
Agriculture Organization/ **World Health** O- 082628
counts of hemocytes of **healthy** & **wound** tu- 089929

HEART

Slow **heart:** a review of its clinical significa- 085045
seeds (Mangifera indica, var. Bullock's **heart)** 088006
Acquired heart disease in cat. 085606
acid transport in chick embryo **heart cells.** 084096
Diagnosis & treatment of **common heart** dis- 085630
Congenital heart disease in dog. 085605
Heart frequency during standardised exercise 084368
Heart-leaved silver gum, Eucalyptus cordata 086360
reference to reactive ability of **heart muscle.** 084358
studies on citrate synthase from **pig heart.** 084093
Ecology of **heart rot** diseases in Toko apple 089124

HEARTWOODS

derivatives from **heartwood** of **Combretum** h- 087348
oxidizing enzymes in **heartwood** of **Pinus** ra- 088263

HEAT

reverse osmosis permeation by **heating.** [Fru- 083792
acetate for synchronisation of **heat.** 084889
of BHC [Benzene hexachloride] by **heating** 090392
properties. I. Effect of **heating, agitation,** h- 083234
plants, predried on field, with **unheated air.** 083906
Eolic erosion in **arid hot** countries. [Soils]. 092051
Recent developments on **artificial heating,** a 089154
Redesigned flour grader **avoids heat** drift. 082852
of dimension of animal non-**heated barns.** 091284
analysis of effects of in **bitro heating** on pro- 087712
Long-term supperssion of **heat** in **cattle** with 084767
Clay-heat refining of edible oils. 083128
Effects of **heating** & **cooling** spinal cord & h- 084268
Eolic erosion in arid **hot countries.** [Soils]. 092051
Hot cutting of lamb & mutton. 083470
volatile compounds from **heated** L-**cysteine.** 082953
Redesigned flour grader avoids **heat drift.** 082852
Effect of **heat exposure** on urinary excretion 084277
Biological effects of **heated fats.** [Human nu- 082970
permeation chromatography of **heated fats.** 083602
Damages in quality caused by too **hot feed** 083893
time to breakdown of **heated fleshy** plant ti- 083801
during sterilization of canned **food heated** by 083117
control characteristics of **heated glasshouses** 091267
Temperature distributions during **heat/hold** 083614
Some methods for **improving heat** regime of 091737
Heat induced damage in wheat as a consequ- 083594
on dimensions for **heat installation** in pig ba- 091280
Hot irons. [Cattle, identification]. 083928
Response of dwarf pig to a **heat load** at diff- 084085
air temperature & velocity on **heat** & **mass** t- 083678
Conventional & **microwave heating** of beef: 083433
Modern heat sterilization of canned meats. 083422
Suppressing **heat periods** could make beef h- 084144
Agriculture: **Hot point** for community integ- 081907
seedlings as affected by **presowing heat** trea- 087882
Spring back of **hot pressed** wood in humidifi- 086184
mesh number of wire netting & **hot pressing** 086189
Effect of **heat-pressure**-treatments of semi-d- 086156
Effect of **prior heat** stress on protochloroph- 087633
element particle in **heat-producing** spadix a- 087459
of electric thermal **radiation heating** in wood 086226
Clay-heat refining of edible oils. 083128
Some methods for improving **heat regime** of 091737
shelf-life of dairy products by a **heat-stable** 082802
withlong shelf-life. I. Making **heat-stable** sa- 083425
Heat sterilization of canned foods in fluidiz- 083106
Modern **heat sterilization** of canned meats. 083422
How **heat stress** affects broilers. 084307
Effect of prior **heat stress** on protochloroph- 087633
Suppressing heat periods could make beef h- 084144
of shoot tip yield of **heat treated** pot plants 088929
Heat treating soybeans for swine. 083897
Effect of **heat-treatment** on amount of free l- 082832
Effects of **heat treatment,** added acid, & aer- 083277
Effect of **heat treatment** on crossover frequ- 087046
as affected by presowing **heat treatments.** 087882
Heat unit differences for germination of ma- 087799
for increase in viscosity of a **heated wheat** s- 083545

HEATHER

of productivity of **heather** & **bracken** soils u- 091754
chemical elements of rape & **heather honeys** 083203

HEATHS

of various types of **heath management.** 086650
potential & soil aeration in **wet heathland** w- 086034

HECTARES

How many seed potatoes **per hectare?** 088632

HEDEOMA

Hedeoma **drummondii, Hedeoma** reverchonii 087132

HEDERA

in production time of **Hedera canariensis** Wi- 088923
Ivy (**Hedera helix**): A natural & cultural sto- 088951

HEDGES

Handsome hedges. 088747
distribution in trunk of **hedge maple** (Acer 088297
Hedging as a **marketing** tool for Western ca- 082332

HEIFERS

SEE CATTLE

HEIGHT

influenced by date of initial **cutting, height** 088357
Single **height-gene** effects in doubled haploid 086897
Periodicity of **height growth** in silver fir see- 088270
Height of **nectar** column in corolla tube of r- 087865
of phenotype selection on **height** an **Picea** a- 086038
Inheritance of **plant height** & flowering dur- 086844
Controlling **plant height** in sunflowers with 087724
Growth retardants for **reducing height** of two 088038
Top **height site**-index curves for Pinus stands 085936
of semidwarf & **standard height** wheat culti- 087709

HELENIUM

SEE COMPOSITAE

HELIANTHUS

embryo sac of sunflower **Helianthus annuus** 086738
embryo sac of sunflower **Helianthus annuus** 086739
New sterols in **Helianthus annuus.** [Sunflow- 087832
Response of **Helianthus annuus** to fertilizers 088343

HELIOTHIS

insecticides for **Heliothis attacking** cotton. 089963
development of tobacco **budworm, Heliothis** 089928
Biological **control, Heliothis** nucleopolyhed- 089890
of instars of corn **earworm Heliothis** zea (L- 090015
cotton insects. [**Heliothis, Tetranychus** cinn- 089964
Arizona. [Heliothis zea, **Heliothis virescens,** 089910
both species. [Heliothis **virescens, heliothis** 089916
Texas, 1972. [**Heliothis virescens,** Hel- 089960
populations in Texas. [**Heliothis virescens,** 089961
spider mite. [**Heliothis virescens,** Anthonom- 089962
earworm in maize inbreds. [**Heliothis zea**]. 086986
earworm in maize inbreds. [**Heliothis zea**]. 089926
rhythms of corn earworm **(Heliothis zea)** la- 090644

HELIX

Ivy (**Hedera helix**): A natural & cultural sto- 088951

HELLULA

cabbage borer. [**Hellula undalis**]. 090076

HELMINTHIASIS

Treatment of **gastrointestinal helminthiasis** 085427

HELMINTHOLOGY

Helminthology; parasitic deseases of cattle. 085533

HELMINTHOSPORIUM

South **Helminthosporium** (Helminthospori- 089020
Resistance to **Helminthosporium** [gramineum 089227
bioassay for **Helminthosporium carbonum** t- 089193
race 2 of **Helminthosporium carbonum.** [Gr- 089230
resistance in **corn Helminthosporium** maydis 089144
host & pathogen. [**Corn, Helminthosporium**] 089188
mowing on **Helminthosporium leaf** spot & s- 089240
to race T **Helminthosporium maydis** (Nisk 087066
of toxin of **Helminthosporium maydis** on cell 089138
maize pollen to **Helminthosporium maydis** 089143
potential of **Helminthosporium maydis** race 089200
composition of **Helminthosporium maydis** on 089210
production by **Helminthosporium maydis** as 089211
Helminthosporium maydis leaf blight in Sie- 089231
maize inbreds to **Helminthosporium maydis** 089235
in corn **Helminthosporium maydis.** 089691
fungicides on **Helminthosporium papaveris** 089259
disease. [**Helminthosporium sacchari**]. 089157
Pradesh). [**Helminthosporium sativum**]. 089147
factor. [**Helminthosporium sativum,** Fusari- 089198
with **Helminthosporium turcicum.** 089139

HELMINTHS

Some **canine helminths** of public health sign- 085507
Studies on **helminthic infection** of desi fowls 085362

HEMAGGLUTINATION

meat products by **indirect hemagglutination** 083396
SN) & **hemagglutination inhibiting** (HI) ant- 085481
Haemagglutination by **type** SAT 2 foot-& m- 085396

HEMANTHUS

Invertases of pollen of **Haemanthus albiflos** 088125

HEMATOBIA

in central Missouri. [**Haematobia irritans,** 090248

HEMATOCRIT

for estimation of **haematocrit values** of bovi- 084110

HEMATOLOGY

of grazing behavior & **hematological aspects** 084532
On **hematological** & **chemical** findings of bl- 084081
meat quality & various **hematological criteria** 084138
on certain clinical & **hematological indices** in 085775
Hematological & **pathological** changes in ac- 085069
Hematological values in experimental infect- 085558

HEMATURIA

Essential **bovine hematuria** & environmental 085659

HEME

Distribution of iron, chlorophyll, **ant heme** 087695

HEMEROCALLIS

SEE LILIACEAE

HEMILEIA

controls will work. [**Hemileia vastatrix**]. 089068
arabica l.) caused by **Hemileia vastatrix** B. 089248

HEMIPTERA

glover infesting cotton plants **(Hemiptera:** 089875
in cotton fields of Upper-Egypt. **Hemiptera:** 089950
aphid, Macrosiphum euphorbiae **(Hemiptera** 089999
alternative host plants in Egypt. **Hemiptera:** 090090
Pauropsylla trichaeta Petty. **Hemiptera:** Ps- 090159
aphid, Macrosiphum euphorbiae **(Hemiptera** 090499
Pauropsylla trichaeta Petty. **Hemiptera:** Ps- 090792
alternative host plants in Egypt. **Hemiptera:** 090802
of South African Cicadellidae **(Hemiptera).** 090955
or Blissinae of South Africa **(Hemiptera:** pl- 090957
Honduras, Central America **(Hemiptera:** Re- 091025
bivoltine pondskaters **(Hemiptera, Gerridae)** 090544
Insecta: **Hemiptera-Heteroptera:** Coreidae): 090922
South Pacific **(Hemiptera-Heteroptera).** 091021
region, (Egypt). **Hemiptera-Homopteera:** A- 089837
on biology of insect. **Hemiptera-Homoptera:** 089954
Alexandria district. **Hemiptera-Homoptera:** 090092
Alexandria district. **Hemiptera-Homoptera-** 090093
of Euscelis plebejus **(Hemiptera, Homoptera** 090482
Alexandria district. **Hemiptera-Homoptera:** 090810
Alexandria district. **Hemiptera-Homoptera-** 090812
tabaci (Genn.). **Hemiptera, Homoptera:** Ale- 091034
between ticks & bugs. **[Ixodidae, Hemiptera** 090976
families of aquatic & **semiaquatic Hemiptera** 090942

HEMLOCKS

Tachinidae), a parasite of **eastern hemlock** l- 090105
Tsuga sieboldii Carr., **Japanese hemlock).** 086673

HEMOCYTES

Hemocytic changes associated with encapsu- 089787
capacity of Blaberus **cranifer hemocytes.** [090197
differential counts of **hemocytes** of **healthy** 089929

HEMOGLOBINS

Structure of **felidae hemoglobins** & response 084127
Haemoglobin-C in **Kumaoni**-Hill cattle. 084199
of myoglobin & **hemoglobin** with **molecular** 083464
Hemoglobin types of Polish Merino sheep 084917

HEMOLYMPHS

Free amino acids of **haemolymph** of **cotton** l- 089862
of protein pattern of **haemolymph** & **fat** body 090843
I. Lysozyme in **haemolymph** of **Galleria** mel- 090520
proteins in Triatoma **infestans haemolymph** 090691
for transport of **haemolymph protein** into cu- 090686
Hemolymph proteins of granulosis virus inf- 090564

HEMOLYSIS

study of **Pasteurella haemolytica** in calves. 085293

Pasteurella haemolytica as a bacterium com- 085433

HEMONCHUS
Vertical migration of **Haemonchus contortus** 085353
of nematode **Haemonchus contortus** after fr- 085400
infection by **Haemonchus contortus** & Trich- 085558
Development of **Haemonchus eggs** under ou- 085371

HEMORRHAGE
combined vaccines **against haemorrhagic** sep- 085297
test for **hemorrhagic enteritis** of turkeys. 085648
Hemorrhagic syndrome in poultry. 085682

HEMP
Marijuana. [**Hemp culture**]. 088481
Phytohemagglutinin from sunn **hemp seeds** 087283
Methods of **hemp variety** testing. III. effect 088503

HENS
SEE CHICKENS

HEPATIC
Equine hepatic insufficiency. 085737
concepts in treatment of **hepatic failure.** [D- 085609
food administration of **hepatic lipogenesis &** 084400

HEPATICA
Granuloma formation to **Capillaria hepatica** 085329
antigen activity of adult **Fasciola hepatica** by 085185
Metabolic antigen of **Fasciola hepatica** in i- 085187
Resistance of sheep to **Fasciola hepatica:** St- 085301
control agents of **Fasciola hepatica.** 085342
of fascioliasis of cattle. [**Fasciola hepatica,** l- 085557

HEPATICAE
species of Southbya [grollei], **Hepaticae.** 086331
of activity in liverworts. [**Hepaticae**]. 087515
crustata Lev., a **Hepaticae** new for **France.** 086561
a new genus of **Hepaticae** from West **Indies** 086349
Hepaticae of **Sardinia:** Enumeration, ecologi- 086554

HEPATITIS
coagulopathy during **acute hepatitis** of dog. 085416
On spread of **necrotic hepatitis** in sheep wit- 085547

HEPATOZOON
stages of **Hepatozoon rarefaciens** cultured in 090720

HEPIALIDAE
corbie in Tasmania. [**Oncopera, pasture** pests 089854

HEPTACHLOR
Welsh onion in determination of **heptachlor.** 090390

HERACLEUM
SEE UMBELLIFERAE

HERBACEOUS
stratified sampling to **estimate herbage** yield 088535
Herbaceous hosts of citrus viruses. 089399
Milk & **herbage intakes** by grazing lambs b- 084047
Diseases of grass & **herbage legumes.** [Fungi 089047
Tannins of **herbaceous Leguminosae.** 088150
Herbage map of Grand Duchy of Luxembou- 086625
for treatment of **herbage** for **nutritional** stud- 084561
for improved seed & **herbage productivity.** 087111
density effects on yields of **herbage & tree** c- 088528

HERBARIUMS
Towson State **Herbarium family** index. 086519
Pringle Herbarium. [University of Vermont] 086318
Inadequacies in **herbarium specimens** of lar- 086278
of lichenes in **herbariums** at **Szeged.** 086697
Herbarium of **Thomas** Alva Edison. 086301

HERBICIDES
wheat plants in glasshouse. [**Herbicides**]. 087883
of two sugar-cane varieties. [**Herbicides**]. 088526
cultural techniques in vineyard. [**Herbicides**] 088646
Eichhornia crassipes) by **herbicides.** 089599
Environmental effects of **herbicides.** 089601
Pathways of realization of **herbicide** action 089635
in orchards by utilization of **herbicides:** Poss- 089638
cultural techniques in vineyard. [**Herbicides**] 089639
Sale & purchase of **herbicides.** 089661
Penetration & translocation of **herbicides.** 089667
of biotest determination of **herbicides.** 089681
of potato varieties to some **herbicides.** 089717
wheat plants in glasshouse. [**Herbicides**]. 089720
on response of honey mesquite to **herbicides** 089724
of two sugar-cane varieties. [**Herbicides**]. 089727
in orchards by utilization of **herbicides:** Poss- 092027
Environmental effects of **herbicides.** 092306
Water contamination not likely. [**Herbicides**] 092427
liquid extraction of phenoxy **acid herbicides** 089672
volume & response to **auxin herbicides** for s- 089623
time of application for **herbicides basing** up- 089723
Rapid sensitive **herbicide bioassay** by inhibit- 089603
substances with **bipyridylium herbicides.** 089626
after treatment with a **carbamate herbicide** 086872
Influence of **certain herbicides** on soil micro- 089619
Chemical herbicides in fruit tree & berry cu- 089640
Triazin respectively **herbicide combinations** 089723
New nitrogen-**containing herbicides.** 089702
Photolysis of **herbicide dinitramine** (N3,N3- 089673
Tok E-25, an **effective weedicide** for vegetab- 089710
pre-**emergence herbicides.** 089585
Effects of six post-**emergence herbicides** on 089692
of feed & weed. [**Fertilizers, herbicides**]. 089633
Use of **herbicides** in **forestry.** 089722
Effect of **herbicides** on some **freshwater** ani- 089664
Measuring effect of **herbicides** on **grain** yield 089604
Effect of **herbicide-induced** changes in veget- 089622
Effects of Aretit, a **herbicide** & **insecticide** & 089978
active chemicals. [**Insecticides, herbicides**]. 089587
of carbon-14 derived from **labelled herbicides** 089616
Concern **over herbicides** remaining in produ- 089641
Influence of some **herbicides** on **phosphorus** 089718
application of **herbicides** & **planting** of soyb- 088451
Controlled-release **herbicide-polymer** formul- 089662
of decomposition of **herbicide Proximpham** 089627
Controlled-**release herbicide**-polymer formul- 089662
Concern over **herbicides remaining** in produ- 089641
determination of **herbicide residues** in bee h- 082861
basing upon Triazin **respectively herbicide** c- 089723
in soil in presence of **herbicide secondary** c- 089627
Effects of **herbicides** on **seedlings** of red ma- 089614
Rapid **sensitive herbicide** bioassay by inhibit- 089603
assessment of effect of **herbicides** on **soil** mi- 089617
Action & conversion of **urea-herbicides** in pl- 089683
Some aspects of **herbicide utilization** in pro- 089708
in using **herbicides** for **vegetables.** 089756
of pesticides & **herbicides** from **water.** 3. Li- 089672
Metribuzin, a **herbicide** with a **wide** spectr- 089715

HERBS
There's always room for **herbs.** 088960
plants. X. Analysis of **Chinese herbal** drug 087453
of veterinary students in **herb diagnosis** by i- 085106
Volatile oil from **herb** & **fruits** of Carum cop- 087554
Herbs by **kitchen** door. 088953
development of Lycoris **radiata Herb.** 087432
Aromatic **shrubs, herbs** & flowers. 088693
Herbs & **spieces:** a bibliography. III. 083733
Oil content & **herb yield** of geranium plants 088220

HERDS
of artificial insemination of sheep in a **herd** 084886
hypoplasia in an Aberdeen **Angus herd.** [Cat- 085692
cows of one & some **herd** upon **automatic** mi- 084289
factors associated with **herd average** milk yi- 082247
environments in grazing cow-**calf herd.** 084532
Immediate effects of **changing herd** size upon 082143
Bos Indicus & Bos Taurus **crossbred herds** in 084779
Financial planning for **dairy herd** expansions 082248
monitoring system for **dairy herds** based on 084353
Complete feeds for **dairy herd** replacements 084648
monitoring system for **dairy herds** based on 084719
upon milk production & other **diary herd** i- 082143
Herd differences in expression of fatal diarr- 083959
Financial planning for dairy **herd expansions** 082248
production & other diary **herd improvement** 082143
cost in Guernsey, Holstein, & **Jersey herds.** 082247
maximising genetic progress in **large herd** of 084824
Herd-level methods for age adjustment of m- 084244
type & production & influence on **herd life** of 084852
processing properties of **herd milk.** 083964
programs in semi-isolated **range herds** in ce- 090248
Complete feeds for dairy **herd replacements** 084648
Eradication of brucellosis from a **show herd.** 085510
Immediate effects of changing **herd size** upon 082143
milk yield of **herds,** of its **variability** & of its 084380

HEREDITY
Heritability of **boll** size in hybrids & parent- 087172
state about **hereditary conditional** changes in 083424
Heritability & **economic** importance of nipp- 084810
Hereditary structural alterations of plastids 087127

HERNIA
Diaphragmatic hernias. [Surgery, dogs, cats] 085029

HERPESVIRUSES
of cellfree & cell-**associated herpesvirus** of t- 085201
an attenuated Marek's **disease herpesvirus.** 085258
Detecting Marek's **disease herpesvirus:** eval- 085263
mild strains of Marek's **disease herpesvirus.** 085275

HETERAKIS
on control of Ascaridia **galli, Heterakis** gall- 085219
Ascaridia galli & **Heterakis gallinae.** 085362

HETEROCHROMATIN
cistrons in **heterochromatin** of **Acheta.** 090606
detection of **constitutive heterochromatin** in 084141

HETEROCHROMATIZATION
control of **heterochromatization** in **coccids.** 090630
of different **heterochromatic constitution.** 087064

HETEROCYCLES
of nitrogenous **heterocyclic compounds.** 087511
of oxygen **heterocycles containing** N-geranyl- 090230

HETERODERA
Distribution of **Heterodera avenae** Wollen- 089469
Species of **genus Heterodera** & their distrib- 089539
rate of free eggs of **Heterodera glycines** Ich- 089572

HETEROGENEITY
of bovine immunoglobulin G **heterogeneity.** 084986
Chemical heterogeneity of cell wall polysac- 087569
Control of **heterogeneity** & **density** in natur- 086028
Heterogeneous price behavior among seasons 082327

HETEROGONY
factor in larvae of **heterogonic gallmidge** He- 090851

HETEROLOGY
on homologous & **heterologous antibody** res- 085595
Heterologous interchange at meiosis in Dro- 090624
Heterologous interchange & nondisjunction 090740

HETEROPEZA
larvae of heterogonic **gallmidge Heteropeza** 090851

HETEROPHYLLY
in kraft pulping. [Tsuga **heterophylla, Pinus** 086259

HETEROPTERA
singularis Haglund **(Heteroptera)** to some n- 089822
On migration of Corixidae **(Heteroptera)** ba- 090441
occidentalis from Istria **(Heteroptera).** 090961
Insecta: **Hemiptera-Heteroptera:** Coreidae): 090922
South Pacific **(Hemiptera-Heteroptera).** 091021
Stys **(Heteroptera, Lygaeidae.** Lygaeinae) f- 090867
apterus (L.) **(Heteroptera, Pyrrhocoridae).** 090429
sp. n. From Bulgaria **(Heteroptera, Tingidae** 090866

HETEROSIS
Heterosis in two-**line** hybrids of broiler type 084747
Effect of **heterosis** & **triploidy** in F1 hybrids 086838

HETEROTROPHY
Use of **heterotrophic activity** technique as a 092102
of copper & iron in **heterotrophic phase** of 087983

HETEROTYLENCHUS
a review. [**Heterotylenchus autumnalis,** Mus- 090237

HETEROZYGOTES
Apparent heterozygote excess at amylase I 084771
using multiple **interchange heterozygotes.** [087024
Elimination of hidden **isolated heterozygous** 087079
on chiasma formation in **maize heterozygous** 087061
chiasmata in maize **plants heterozygous** for 087062
hyperploid **structural heterozygotes** for tran- 087019

HEVEA
acid in stems & leaves of **Hevea brasiliensis** 087508
Rubber production. [**Hevea brasiliensis**]. 088948
yield stimulation in **Hevea brasiliensis** in Li- 089286
of assessing susceptibility of **Hevea clones** to 089049

HEXACHLORIDE
BHC [**Benzene hexachloride**] in milk. [Feed 082890
estimation of **benzene hexachloride** by micro 089823
BHC [**Benzene hexachloride**] in milk. [Feed 090389
Absorption of BHC [**Benzene hexachloride**] 090391
of BHC [**Benzene hexachloride**] by heating 090392
efficiency of BHC [**Benzene hexachloride**]. 090393
BHC [**Benzene hexachloride,** rice] in soil of 090394
of BHC [**Benzene hexachloride**] on Petridish 090395
of BHC [**Benzene hexachloride**] isomers in 090396

HEXANE
with special regard to **influence** of **hexane** u- 083185

HEXAPLOIDS
Hexaploid cotton: some fiber & spinning pr- 086914
pollen viability in **hexaploid Triticale.** 086891

HIBERNATION
Collecting hibernating ground beetles under 090540
weight & water content in **hibernating larva** 090547
oxygen consumption in **hibernating larvae** of 089936
I. Physiology of **hibernation** in **larvae** of bla- 090502
oxygen consumption in **hibernating larvae** of 090753
Hibernation of **tarnished** plant bug Lygus r- 089947

HIBISCUS
Hawaiian rose **(Hibiscus).** 088840
of flowering in mesta **(Hibiscus cannabinus** l 087664
of several species of **hibiscus** & **malvaceous** 088192

HIERARCHY
nature of **dominance hierarchy** in domestica- 084046

HIEROCHLOE
some amphimictic & **apomictic Hierochloe** 086874

HIGHLANDS
A new life in **highlands?** [Sheep, cattle]. 083931
in volcanic soils of **highlands** of **Pasto,** Col- 091723
southern part of central **Russian highlands.** 086303

HILLS
Thwaites var. wightii A. W. **Hill.** 087429
Controlling **hill bunt.** [Tilletia, wheat]. 089070
Haemoglobin-C in Kumaoni-**Hill cattle.** 084199
soils of Fagetum quercinum in **Chriby Hills.** 091663
Livestock **hill farming.** 082138
nutritional implications of group-**feeding hill** 084424
Sand **hill gardening.** [soils, improvement]. 092031
deterioration of some Scottish **hill paths.** 092036
a black spruce bog in Bird's **Hill Provincial** 086637

HISPIDIN
Biosynthesis of **hispidin** in **cultures** of Poly- 087441

HISTAMINE
Metabolism of 14C-**histamine** in **goats** & pigs 084035

HISTIDINE
Effects of **histidine modification** of kappa-ca- 083312

HISTOCHEMISTRY
Histochemical activity of monoaminooxidase 084032
Histopathological & **histochemical changes** 085359
Histochemical changes of cell walls of lettu- 089328
Histochemical distribution of "leucine" ami- 085399
Histochemical fate of paraoxon in cockroach 090188
of sheep. II. **Fluorescence-histochemical** stu- 084375
of **histochemical** & **histoenzymological** meth- 085127
Morphogenetic, histochemical & ultrastruct- 087969
Mucopolysaccharide histochemistry of Mus- 090434
Mucopolysaccharide histochemistry of Mus- 090435
Histochemical studies on protease formation 088176
Histochemical study of pollen from crossing 086847
Substrata histochemistry of epithelium layer 084316
Histochemical & ultrastructural study of sec- 090436

HISTOLOGY
Histology of **blister** rust cankers parasitized 086803
Histological changes in abscission layers oc- 086759
Histological & chemical studies into tuber c- 084290
Anatomy & **histology** of **corpora** cardiaca in 090428
Morphology & **histology** of **defensive** pygidi- 090423
according to data of **histological diagnosis.** 085460
horse-- technic & its **histologic evaluation.** 085130
Further studies of **histology** of **lateral** root 086815
Myometrial histology of surti buffalo uterus 084198
Regional histology & fine structure of epidi- 084212
Anatomical & **histological research** on roots 089250
Morphology & **histology** of new **sex** pherom- 090571
Histological studies in insertion of tendon on 084274
Histological studies of developing cotton boll 089034

HISTOMONIASIS
liver lesions from **histomoniasis** in **turkeys.** 085264

HISTONES
electrophoretic analysis of **histones** of **house** 090463
of DNA & **histone** in **meiosis** of Prrhocoris 090631
associated RNA & non-**histone proteins** in a- 084121

HISTOPATHOLOGY
Histopathological & **histochemical** changes 085359
immunofluorescence, histopathology & ultra- 085473
Histopathology of **Marasmius** blight of amer- 089192
disease. II. **Histopathology** of **natural** & ex- 085271
Histopathology of **Sclerotinia** sclerotiorum 089191
Histopathology of **skin** following bites by 090550
Histopathological studies of Nosema bomby- 091226

HIVES
Chamber hives from view of a Dutchman. 091212
Effects of various **hive covers,** shading & ven- 091156
of swarm pitch in dependence to **hive size** & 091062

HOBBIES
Building hobby greenhouses. 091294

HOEING
Energy capacity of a new **hoeing method.** [091457

HOISTS
One solution to **hoisting problems** in silo. 091448

HOLES
Scour **holes down** stream of canal structures 092033
different grain numbers per **planting hole** on 088400
Plum ring-spot & **shot-hole** virus: A new rec- 089344

HOLIDAYS
Holiday strawberry. 088599

HOLLY
Hollies for **Northeast.** 088758

HOLSTEIN
SEE CATTLE

HOME
Palatability of ground **beef home** frozen & s- 082750
content of **home** made & of **commercial** ora- 083723
of diets collected at **home** & **diets** prepared 082907
Influence of **home environment** on poinsettia 088037
A plot of land for **home garden.** [Landscapi- 088670
Thornless blackberries for **home garden.** 088927
Spray calendar for fruits in **home gardens.** 089535
Land use planning **hits home.** 082077
Carolina native plants for **home landscapes,** 088903
Second homes in England & Wales; a study 091301
as annoyances in **summer homes.** 090177

HOMEMADE
Quality of **homemade fresh** cheese. 082854

HOMEOLOGY
chromosomes that are **partially homeologous** 087011

HOMEOSTASIS
developmental homeostasis in Drosophila m- 090672
Homeostatic regulation of zinc absorption in 082993

HOMESTEADS
You can grow yam in your **homesteads.** 088772

HOMOGENEITY
Problems connected with "**homogeneous**" m- 083873
of maize mesocotyls & in **homogenates.** 087739
On formation of a **homogenous zygotic** popu- 090632

HOMOGENIZATION
Effect of heating, **agitation, homogenization** 083234

HOMOLOGY
with highly polymerized **homologous DNA** 084028
Functional homologies of acidic chromatin p- 087372
Studies on **homologous & heterologous** anti- 085595
Structural modifications of **homologous loci** 090823
Comparison of **homologous puffs** of third ch- 090619

HOMOPTERA
influencing observed leafhopper (**Homoptera** 089895
of Rhizoecus americanus (**Homoptera:** Pseu- 090011
woolly aphid, Adelges piceae (**Homoptera:** 090121
Southern African Psyllidae (**Homoptera**)--3: 090956
Macrosteles fascifrons (**Homoptera**: Cecadel- 090491
rugosus n. sp. (**Homoptera, Aphididae**) from 090904
plebejus (Hemiptera, **Homoptera, Cicadidae** 090482
male of Puto albicans (**Coccoidea-Homoptera**) 090625
district. Hemiptera-**Homoptera-Diaspididae.** 090093
seasonal distribution of **Diptera, Homoptera** 090758
on biology of insect. **Hemiptera-Homoptera:** 089954
Alexandria district. **Hemiptera-Homoptera-** 090812
tabaci (Genn.). **Hemiptera, Homoptera:** Ale- 091034
Alexandria district. **Hemiptera-Homoptera:** 090092

HOMOSPORY
systems in **homosporous pteridophytes:** a n- 087219

HOMOTHALLISM
auxotrophic mutants in **homothallic strain** of 086877

HONEY
analysis of mineral content of **honey.** 083014
Clarfication & storage of **honey.** 083026
Aromatic substances of **honey.** 083172
On 1972 harvest report. [**Honey**]. 083213
Armillaria [**Mellea**]root-rot of fruit trees. 6 089153
Forest if full of **honey.** 091140
Ten thousand starts for a kilo of **honey.** 091145
On 1972 harvest report. [**Honey**]. 091214
Working better. [**Apiculture, honey** product- 091200
Growth stimulation of **Armillaria mellea** by 089196
Armillaria mellea on poplar. 089266
on pathogenic fungus **Armillaria mellea** (Va- 089030
of insecticide residues in **bee honey.** 082860
of pesticide residues in **bee honey.** II. Semi- 082861
Periplaneta americana) & **honey bee** (Apis 090188
of insecticide residues in **bee honey.** 090365
Relationship between weight of **honey-bee** q- 091074
in production of drone broods by **honey bee** 091095
Studies on populations of **honey bee** colonies 091103
of Nosema apis Zander in **honey bee** (Apis 091117
Honey bee's ability to regulate temperature. 091119
Effect of bayluscide on **honey bee,** Apis mell- 091124
Longevity & survival of **honey bee** larvae on 091127
Periplaneta americana) & **honey bee** (Apis 091153
Female dimorphism in **honey-bee** larvae with 091173
Mating of **honey bee** queens in mating stati- 091208
of Nosema disease from infected **honey bee** 091171
Pollination of chestnut by **honey bees.** [Apis 088116
Insecticide toxicity to **honey bees.** 090317
in Southern Victoria. [**Honey bees**]. 091100
Improving **honey bees.** [Apis mellifera]. 091118
Insecticide toxicity to **honey bees.** 091122
isolated from two species of **honey bees.** [Ap- 091126
Color-time association studies in **honey bees** 091128
Pollination of chestnut by **honey bees.** [Apis 091182
Utilization of **honey bees** for increasing pro- 091209
Tenfold uses of **honey bees.** [Apis mellifera] 091224
Resupplying **honey centrifuges.** 083025
of Polish waxes melted from **honey comb** & 083202
Does **honey** make you **fat?** 083089
chemical elements of rape & **heather honeys** 083203
Honey hunters of Southern Africa. 091108
Indian giant balsamine. [**Impatiens, honey** p- 086341
Improving honey bees. [Apis mellifera]. 091118
of Nosema disease from **infected honey** bee 091171
spectrum of some **honeys** from **Italian** Alps. 083015
A natural & cultural story of **last honey** pla- 088951
Publicize or die! [**Honey, marketing**]. 082326
Management of colonies for **maximum honey** 091102
factors on response of **honey mesquite** to he- 089724
of rape & heather **honeys originating** from c- 083203
natural & cultural story of last **honey plant** 088951
Honey plant potential of Amazon Region in 091079
important source of income. [**Honey plants,** 082280
giant balsamine. [Impatiens, **honey plants**] 086341
of pollen by plants. [**Honey plants**]. 087572
sweetclover--valuable **honey plants** of Donets 088969
Poisoned honey, wild honey. [Poisonous pla- 083214
furfural (HMF) content in **Polish honey.** 083201
patients. [Queen bee embryos, **pollen, honey**] 082971
between queen bees & **honey production.** 091099
of colonies for maximum **honey production** in 091102
Technology of **honey production** in Kemero- 091191
better. [Apiculture, **honey production**]. 091200
Resupplying honey centrifuges. 083025
Antibiotics in **honey, royal** jelly & bodies of 091199
Sainfoin & sweetclover--**valuable honey** plan- 088969
Poisoned **honey, wild** honey. [Poisonous pla- 083214
derivatives of sugar cone (**honeys** & **yeast**). 084431
Planting time of **honey-yielding** flora. 088946

HONEYBEES
SEE BEES

HONEYDEW
densities of a **honeydew producer** & its dep- 090169
Overwintering of **honeydew producers.** [Ins- 090473
Sugars from Sphacelia **sorghi honeydew.** 089028

HONEYSUCKLE
Amelanchier, elderberry, **edible honeysuckle** 088841

HOPEA
germination of koki (**Hopea odorata**) at Da- 087291

HOPS
detection of bitter compounds. [**Hops**]. 083118
humuli Miy. & Tak., downy mildew of **hops** 089029
between chemical composition of **hop cones,** 087699
Toppan moisture meter. [Barley, **malt, hops** 083542
Suppression of gushing by use of **hop oil.** 083111
of virus particles in **hop** in **period** of vegetat- 089407
taste properties of some **hop resin** compoun- 083119
Investigations on **hop tannins.** II. 083041

HORDEUM
defective plants in **Hordeum vulgare** after tr- 086872
xylan from leaves of **Hordeum vulgare.** [Bar- 087825
defective plants in **Hordeum vulgare** after tr- 089613
etiolated leaves of barley (**Hordeum vulgare** 089853

HORIZON
Basic horizons of loess soils & soil minerals 091626
Formation of a deep **podzolic horizon** under 091489
composition of less **horizons** of **Russian** plain 091625

HORIZONTAL
New **horizontal silo** built with prefabricated 091251
silage feeding from **horizontal silos.** 084486

HORMONES
Determination of juvenile **hormone-active** c- 090251
with high juvenile **hormone activity** on apte- 089999
materials with insect **hormone activity.** XVI 090230
of compounds for juvenile **hormone activity.** 090250
with high juvenile **hormone activity** on apte- 090499
materials with insect **hormone activity.** XVI 090519
data. [Feed **additives, hormones**]. 082796
response to **adrenocorticotrophic hormone** as 085390
Effect of **hormones** on **amino** acid imbalance 084659
Activity of a juvenile **hormone analogue** on 090027
Juvenile **hormone analogue** in diet of waxm- 090749
of synthetic juvenile **hormone analogues** on 089909
Circulating hormone levels in cycling beagle 084775
in rabbit. I. **Hormones & contraction.** 084272
III. Relationship between **hormonal control** 090671
environmental, & **hormonal factors** at insem- 084854
Hormones for **fly** control. [Stomoxys calcitr- 090276
hormone-releasing **hormone/follicle** stimulat- 084218
Regulating **hormone-forming** activity of ade- 084172
action of prothoracic **gland hormone** & juve- 090707
s serum/chorionic **gonadotrophin hormone** p- 084386
luteinizing hormone & **growth hormone** in l- 084137
Effect of **growth hormone** on fattening perfo- 084138
chains of bovine & ovine **growth hormones** 084167
studies on bovine **growth hormone.** 084168
structure of porcine **growth hormone.** 084169
active fragments of bovine **growth hormone.** 084170
Effects of **growth hormone,** prolactine & ass- 084429
Hormones in **growth** of insects. 090635
Hormones used for **harvesting** of olives. 088782
Hormone induced lactation in bovine. I. Lac- 084231
of prolactin & luteinizing, **hormone induced** 084741
Experiments in **hormonal influence** of sexual 084979

synthetic materials with **insect hormone** act- 090230
Role of **hormones** in **insect** development. 090587
Effects of synthetic **juvenile hormone** analo- 089909
regulator with high **juvenile hormone** activity 089999
Activity of a **juvenile hormone** analogue on 090027
of a synthetic analogue of **juvenile hormone** 090107
synthetic mixed isomers of **juvenile hormone** 090196
of compounds for **juvenile hormone** activity. 090250
Determination of **juvenile hormone**-active c- 090251
hormones (ecdysterone & **juvenile hormone**) 090414
of a synthetic analogue of **juvenile hormone** 090495
regulator with high **juvenile hormone** activity 090499
Effect of **juvenile hormone** on maturation of 090649
metabolism of Cecropia **juvenile hormone.** 090688
gland hormone & **juvenile hormone.** [Tenebr- 090707
Juvenile hormone analogue in diet of waxm- 090749
Juvenile hormone as gonadotropic factor in 090851
total synthesis of Cecropia **juvenile hormon-s.** 087215
Circulating **hormone levels** in cycling beagle 084775
immunofluorescence of **lipotropic hormone0** 084163
Change in level of LH [**luteinizing hormone** 084136
levels of thyrotropin, **luteinizing hormone** & 084137
treated with synthetic **luteinizing hormone**-r- 084218
levels of prolactin & **luteinizing, hormone** i- 084741
mating stimuli on LH[**luteinizing hormone**] 084847
Hormonal & **metabolic** variations induced by 084297
chemistry of **hormones** in **mutation.** [Insects 090634
of vegetative buds for use in **plant hormone** 087550
Plant hormones & DNA synthesis: evidence 088174
gonadotrophin **hormone preparations.** 084386
Effects of growth **hormone, prolactine** & ass- 084429
Regulating hormone-forming activity of ade- 084172
stimulating hormone-**releasing hormone** (1H 084218
Inference of follicle-**stimulating hormone** (F- 084023
infantile sows after **hormonal stimulization** 084963
buds for use in plant **hormone studies** on ap- 087550
Action of **synthesis hormones** (ecdysterone 090414
hormone activity. 2. **Hormonal** & **toxic** effec- 090250
to cytodifferentiation & **hormone treatment** 088008

HORNBEAM

paper grade value of **hornbeam wood** (Carpi- 086125

HORNETS

New on **hornets.** [Vespidae]. 090780

HORNS

Border Leicester, Corriedale, **Dorset Horn** 084047
Control profit-stealing **horn flies.** [Cattle]. 090225
Cost & effectiveness of **horn fly** & face fly c- 090248
in confined populations of **horned passalus** 090565

HORNWORMS

of tanning in tobacco **hornworm, Manduca** s- 090671
Tobacco hornworm: marking spermatophore 090657

HORSEBEANS

pigs; dehulled peas & **dehulled horsebeans**(V- 084479

HORSERADISH

Turnip mosaic virus in **horseradish.** 089409

HORSES

by New World camels, sheep & **ponies.** 084048
Some effects of cold on **horses.** 084148
of tendon on distal phalanx of **horse.** 084274
after intravenous application. [**Horses**]. 084309
layer of saccus caecus ventriculi in **horse.** 084316
as a measure of working capacity of **horses.** 084368
Nutrient requirements of **horses.** 084654
of mares considering number of **foals.** 084924
after intravenous application. [**Horses**]. 085126
Epiphyseal stapling in **horse.** 085131
of cardiopulmonary medicine. [**Horses**]. 085148
Pediatric medicine. [**Foals**]. 085149
associated with infertility in a **mare.** 085214
leuckarti in small intestine of three **horses.** 085294
Septicaemia in **foal.** A review of sixty/one c- 085299
to reduce swamp fever infection. [**Horses**]. 085497
Systemic salmonellosis in **foals.** 085504
of upper respiratory tract. [**Horses**]. 085535
caused by Aspergillus nidulans. [**Horses**]. 085561
Lymphosarcoma in **horse:** A review. 085662
hyperlipoproteinaemia) in **ponies.** 085707
Refractory laminitis. [**Horses**]. 085738
Acute colitis syndrome colitis "X". [**Horses**] 085739
Melanoma in cornea of **mare.** 085740
Diagnosis & treatment of sand colic in **horse** 085746
Proliferative optic neuropathy in **horses.** 085756
Waste oil: Toxic for **horses.** 085800
Control of cattle grubs in **horses.** [Hypoder- 090288
Modern stables for **horses.** 091291
Immunization of **foals against** tetanus toxin. 085230
Immunization of **foals against** tetanus toxin. 085231
Telmin--a new **equine anthelmintic.** [Meben- 085488
with adenoviral infection in **Arabian foals.** 085562
antibody in neutralization of **equine arteritis** 085578
Fate of sensitized **equine arteritis** virus foll- 085579
Diarrhoea in **horse associated** with stress & 085572
in soils. II. In sandy soil under **horse-bean** 091780
of newborn & young **foals born** of mares spe- 085231
cerebellar ataxia in Gotland **Pony breed.** 085765
Breeding ponies for riding. 084921
Some observations on **horse breeding.** 084951
in animal biometeorology. [**Horses, cats**]. 084200
Surveying fertility of **mares considering** nu- 084924
Breeding, keeping & use of **horses** in **days** of 084923
Inainte" from Poiana **Mare, Dolj** district. 082172
Horse flies & deer flies of New York (Dipte- 091030
cerebellar ataxia in **Gotland Pony** breed. 085765
response of wheat, gram & **horse-gram** under 091864
Equine hepatic insufficiency. 085737
Escherichia coli isolated from **horses** & **horse** 085494
anemia virus in chronically **infected horses.** 085240
Physicochemical studies of **equine infectious** 085242
Equine infectious anemia: Sensitivity of indi- 085311
of energy source utilized by **light horse.** 084222
throughout oestrous cycle of **pony mare.** 084871
coli isolated from horses & **horse-meat** hand- 085494
ovulation in **mare** with **methallibure.** 084837
Breed of **Murge horses** for better utilization 084937
antibodies in colostrum to **newborn foals,** & 085230
Control of **mare's oestrous** cycle by prostagl- 084872
Cooperative "Inainte" from **Poiana Mare,** 082172
throughout oestrous cycle of **pony mare.** 084871
sulfoxide (DMSO) & **equine practitioner.** 085132
sexually mature gilts to **pregnant mare's** ser- 084386
diet & application of PM [**pregnant mare**] s- 084960
Equine rabies. 085383
ions in venous blood of **riding horses** at diff- 084367
Fate of **sensitized equine** arteritis virus foll- 085579
for detection of antibodies in **equine serum.** 085311
newborn & young foals born of **mares specif** 085231
Breeding half-breeds & **sport horses.** 084922
Effects of Coffee, Vietri **sul Mare** (Salerno), 083050
tendon transplantation in **horse-- technic** & 085130
radiation hazards in dogs & **horses treated** 085777
induced by training in **trotter horses.** 084297
Analysis of movement of **trotting horses** by 084369
of actual endurance of **trotting horses.** 084372
immunization of newborn & **young foals** born 085231

HORTICULTURE

Council for Agriculture & **Horticulture;** ann- 082113
Mineral nutrition: Nitrophobia. [**Horticultu-e**] 088036
specific types of agriculture & **horticulture.** 088759
development in Gujarat. [**Horticulture**]. 088822
A window to future. [**Horticulture**]. 088894
Intensive cultivation in **horticulture,** 1972. 088911
Blueprint cropping [**Horticulture**]. 088921
Phytophthora cinnamomi in **horticulture.** 089285
Foliar fertilization in **horticulture.** 091957
Role of Royal **Agricultural-Horticultural** So- 081995
parameters. [Field crops, **horticultural crops** 087623
Drip irrigation for **horticultural crops;** orch- 092233
miscellaneous other **horticultural crops** in S- 090079
Weed trees in city: **Horticultural derelicts** or 089598
Plastic material in **domestic horticultural** p- 088936
Phytotron in **horticultural experimentation** 087991
Horticulture of **flowering** plants for sightsee- 088556
related enterprises: **greenhouse horticulture** 088838
of agriculture & **horticulture** in **India.** 081995
of effectiveness of **intensifying horticulture** 082289
Horticulture in **Kamensk** District. 088906
Educational institutions **offering horticulture** 088680
Horticulture in New **Orleans.** 088572
interaction: A new **horticultural perspective** 088573
in experimentation & **horticultural practice.** 087989
Economics of **horticultural production** & ma- 082070
management of **horticulture production** on s- 082165
Economics of **horticultural production** & ma- 088860
material in domestic **horticultural production.** 088936
for fruit & **horticultural products.** 082395
methods in **horticultural science** & practice. 088585
of Royal Agricultural-**Horticultural Society** 081995
presented to State **Horticultural Society.** 082491
of Royal Agricultural-**Horticultural Society** 088882
Material presented to **State Horticultural** S- 082491
Relations between **horticulture** & **transport** 082424

HORTICULTURISTS

Gusztav Szontagh. [**Horticulturists**]. 088805
ancestors: Janos Lippai. [**Horticulturists**]. 088806
Horticulturist studies direct rooting of poin- 088826
place migration by **young horticulturists** as 082145

HOSPITALS

More **hospital design** changes: space needed 085151

HOSTS

Progress & practice in **host:** parasite relatio- 089045
limbatum Neumann. I. Distribution & **hosts** 090898
Geoffroy) with respect to its **alternative host** 090090
Braconidae) inside egg of **host, Anagasta** ku- 090420
on previously unknown **cruciferous hosts.** 089430
of alfalfa mosaic virus, in **different host** plan- 089401
Hystricis group: identity, **distribution, hosts,** 090263
hirsutum). [Breeding, **Empoasca, host** plant 086917
pests in Minnesota. Based on **faunistic host** 090053
tonda di costigliole' new **host** of **Fusicoccum** 089099
Herbaceous hosts of citrus viruses. 089399
Degradation of **host high** molecular weight 089374
of tobacco mosaic virus to **host** & non-**host** 089366
Bipolaris setariae on two new **hosts** in **India** 089092
Rhabditida) as related to **host infection.** [Sc- 090116
between nematodes & their **insect hosts:** a r- 089784
of ants second **intermediary hosts** of Dicroc- 090290
in response to **host monoterpenes.** [Pinus, P- 090172
in entomological studies on **parasite-host** sy- 090112
Host-parasite (food) relations in family Enc- 090612
of materials between **host & pathogen.** [Corn 089188
ecological conditions **& host's physiological** 089796
Apanteles rubecula, via its **host, Pietis** rapae 090027
hirsutum). [Breeding, Empoasca, **host plant** 086917
Nutsedges as **hosts** of **plant**-parasitic nemat- 089547
of Manduca moths as a factor in **host plant** 089905
Dendroctonus ponderosae, **host plant** resist- 090108
Host plant nutritive value & variable number 090123
of Manduca moths as a factor in **host plant** 090645
Host plant nutritive value & variable number 090646
Study of parasitic fungi & their **host plants.** 086585
mosaic virus to host & non-**host plants.** 089366
alfalfa mosaic virus, in different **host plants,** 089401
with respect to its alternative **host plants** in 090090
Coleoptera) & their **host plants** during succ- 090409
with respect to its alternative **host plants** in 090802
contorta, Dendroctonus **ponderosae, host** pl- 090108
Host preference in ciid beetles (Coleoptera: 090573
Host range of Rhynchosporium secalis. [Bar- 089003
Host range & geographic distribution of Ery- 089269
Host range & electron microscopy of Burdo- 089365
Colonization of **host-root** & soil by Rhizobia 087886
Colonization of **host-root** & soil by Rhizobia 087887
Host specificity of entomophilic nematodes: 090237
studies on parasite-**host system.** [Matsucocc- 090112
Relationship between **hosts** & **trypanosome** 090222
Minnesota. Based on faunistic **host varietal,** 090053

HOUSE

On some modifications of "law on **houses".** 082577
Farrowing **house alternatives.** 091252
Artificial housing for yellowjacket colonies. 090254
illumination of swine-**breeding houses** & its 091285
in litterless stanchionless **cattle houses** under 091304
Housing conditions of rural families with ch- 081929
Housing & **controlling** goats. 083950
analysis of histones of **house cricket.** [Acheta 090463
quinone & selenium in diet of **house cricket,** 090647
of locomotor activity in **house cricket.** [Ach- 090705
High rise--deep pit in-**house drying** of poult- 091949
Farrowing house alternatives. 091252
House flies: effect of apholate & its failure 090190
Influence of type of **free housing** on fattening 083993
of hybrid cucumbers from **green houses.** 087184
Fires in farm buildings. [**Livestock housing**] 091242
Functional aims of **livestock housing.** 091288
What trials in **loose housing** show. [Cattle]. 083972
sphere in industrialised **loose-housing** stables 083980
of tropical **house mosquito** culex pipiens fati- 090291
Drinking & bathing in **pigeon houses.** 091233
Air-layering for **house plants.** 088742
Use of lumber in **prefabricated houses.** 086204
Ventilating layer & **pullet houses.** 091237
Houses for **rural** landless. 081931
Place a tree to **shade house.** 088713
What trials in loose **housing show.** [Cattle]. 083972
cattle & swine slaughtered at **slaughter hou-e** 085551
sphere in industrialised loose-**housing stables** 083980
Potato **storage houses** in fixed frame building 091272
Chemosterilization of **tropical house** mosqui- 090291

HOUSEFLIES

to insecticides in SKA strain of **houseflies.** 090278
lipoproteins of larvae of **housefly, Musca** d- 090682

HOUSEHOLDS

of substitute labor in farms & **households.** 082090
III. Dependence on type of **household.** 082978
feline infectious peritonitis in a **household.** 085212
Aged households in rural development of Ad- 082022
study of old **agricultural households** in Yugo- 082018
Projections of **household expenditures** in In- 082243
Household insect pests & their control, 13th 090210
on poultry ranches. [**Household pest**]. 090246
cranifer hemocytes. [**Household pests**]. 090197
Changes in types of **household plots.** 082131
Comparison of **household structure** methodi- 083009
Households without **youth** in mountaineous 082013
Households without **youth** in plain rural Yu- 082021

HULLING

of Aedes species unkown of Knight & **Hull** 090995
Strength of bonds between wheat **grain hulls** 083587
Bush **Purple Hull,** a new southern pea. 088587

HUMERUS

Length growth of **humerus, os** femoris & tib- 084281

HUMIDIFICATION

hot pressed wood in **humidification** & **water-** 086184

HUMIDITY

of high ammomia & **humidity concentrations** 085183
of high ammonia & **humidity concentrations** 085184
of high ammomia & **humidity concentrations** 085186
pig to a heat load at **different humidities.** 084085

pasturing on heavier soil in a **humid region.** 084398
controlled temperature & **relative humidity.** 083136
grown at constant high **relative humidity.** 087240
Temperature & **relative humidity** as factors 090804
salt accumulation & low **relative humidity** on 089228
in relationship to different **soil humidity.** 087648
in important soils of arid & **humid tropics.** 091498
rehabilitation problems in **humid Tropics** wi- 091892

HUMOR
or bone marrow cells in **humoral immune** re- 085318

HUMUS
of a method for separation of **humic acids.** 091785
Studies in **humic acids** decomposing bacteria 091786
Use of **humic acids** in culture of sugar beets 091844
regional differences of **humus composition** in 091763
Mechanism of **humus compounds** affecting p- 087313
Humus content & cation exchange capacity 091702
between cellulase activity & **humus content** 091782
Enzymic activity & **humus content** in eastern 091783
Studies on **humification** of **organic** matter in 091784
Composition of **humus** in **Podzol** soils, Bro- 091502
Interaction of **humic substances** with bipyri- 089626
I. Purification method of **humus substances** 091727

HUNGER
of United Nations] **Freedom** from **Hunger** 092008

HUNTING
Honey hunters of Southern Africa. 091108

HUSBANDRY
Two-shift work in **animal husbandry.** 082164
Research approaches in **animal husbandry.** 083921
Design of experiments in **animal husbandry.** 083924
Plymouth Rock chickens. [**Animal husbandry**] 083937
thin for lack of water. [**Animal husbandry**]. 083952
Design of experiments in **animal husbandry.** 084414
pollution. 3. Effect of **animal husbandry** on 092302
possibilities of feeding & **husbandry** of **cattle** 084006
of it? how can one **develop husbandry?** [Pou- 083939
A direction of **husbandry development** & cor- 082185

HUSKS
of unsaponifiable of olive **husk oils** purified 083836

HYACINTHS
genes in euploids & aneuploids of **hyacinth.** 086885
Possible approaches to water **hyacinth conr-l.** 089712
quality study in avarai. [**Hyacinth dolichos**] 088625
Studies on control of **water hyacinth** (Eichh- 089599

HYACINTHUS
of hyacinth. [**Hyacinthus orientalis**]. 086885
features of **Hyacinthus romanus** L. on Apsh- 086774

HYALOMMA
hirci in sheep by **hyalomma anatolicum** ana- 085525
Darya region. [**Hyalomma, Rhipicephalus,** 090885
of skin following bites by **Hyalomma rufipes** 090550

HYALOPHORA
Oogenesis in **Hyalophora cecropia.** 090591
Cecropia moth oocyte. [**Hyalophora cecropia**] 090592
transport, & storage. [**Hyalophora cecropia**] 090593
of cecropia moth. [**Hyalophora cecropia**]. 090655

HYALOPTERUS
sites of mealy plum **aaphid, Hyalopterus** pr- 090090

HYBRID
in diploid & triploid mono germ F1 **hybrids** 087001
fission in microspores of Petunia. [**Hybrida**] 087109
L.) species of mulberry tree & of a **hybrid** b- 087162
peach & almond tree plants & their **hybrids.** 087993
culture & regeneration of Petunia [**hybrida**] 088020
Louco cabbage variety & Japanese F1 **hybri-s** 088893
Studies on **hybridization** in **apple** breeding. 086758
plant & local adaptability of **Assam hybrid** c- 087431
Response of **hybrid bajra** to varying seed ra- 088309
Present status of **hybrid bajra.** [Pearlmillet] 088495
local adaptability of Assam **hybrid clones.** 087431
yield capacity of high-lysine **corn hybrids.** 088541
1972 west Virginia **hybrid corn** performance 088542
to two susceptible sweet **corn hybrids.** 090015
of Helminthosporium maydis on **corn hybri-s** 089210
Hybrid-4 cotton seed production & cultivati- 088395
in sterile lines & single **cross hybrids** with g- 087079
of fertility in double **cross hybrids** on sterile 087091
of salivary glands of **hybrids** from **cross** of 090823
Evaluation of **hybrid cucumbers** from green 087184
irregularities in **hybrids** between **diverse** ge- 086909
Cytoembryolocy of **experimental hybrids** be- 086698
A probable caddis **fly hybrid.** [Micropterna 090958
Putative **generic hybrids** of Haleakala's silv- 087117
History of **hybrid grape.** 088685
from crossing of Petunia **hybrida Hort.** & N- 086847
barley following **interspecific hybridization.** 086886
numbers & **interspecific hybrids** among New 086985
ten citrus taxa & some **intrageneric hybrids** 087987
of Kinsella Hereford & **Hybrid-line** cos. [An- 084505
Heterosis in two-**line hybrids** of broiler type 084747
intervarietal F1 **hybrids** in **Lolium** perenne: 087772
Yield trial of F1 **hybrids** of **Louco** cabbage 088893
Hybrid mahogany recommended for planting 086089
for some double top cross **maize hybrids.** 086972
complex. II. **Hybridization** of **member** speci- 090777
quantative features in some **multiple hybrids** 086840
higher plants. [Petunia **hybrida, Nicotiana** g- 088233
chestnut varieties--Crane, **Orrin,** & a **hybrid** 088850
of boll size in **hybrids** & **parental** varieties of 087172
peach, almond tree & almond x **peach hybrid** 087994
of pollen from crossing of **Petunia hybrida** 086847
Test tube fertilization in **Petunia hybrida.** 087177
isolated protoplasts of **Petunia hybrida.** 088232
of higher plants. [**Petunia hybrida,** Nicotiana 088233
isolated protoplasts of **Petunia hybrida.** 088236
Tissue differentiation in **remote hybrids** of 086763
as measured by **hybridization** in **ribonucleic** 084792
A native DNA-RNA **hybrid** from Anacystis 087263
uptake rates by cut roses **(Rosa hybrida)** in 083702
of degree of fertility in **hybrids** on **sterile** cy- 087083
Floral **structure, hybridization** & evolutiona- 087152
Chromosome & **hybridization studies** of bise- 090517
heterosis & triploidy in F1 **hybrids** of **sugar** 086838
process of monogerm F1 **hybrid** in **sugar** bee 087000
Breeding of mono germ F1 **hybrid** in **sugar** 087001
Embryological studies in a **tetraploid hybrid** 086700
Mutational variability of **hybrids & varieties** 086941
of E1 **hybrids** between **variety** Bezostaja 1 086836
Hybridization of **Verticillium** albo-atrum & 086875
African **violet hybridizing.** 088740
1972 west **Virginia hybrid** corn performance 088542
quality inheritance in some **wheat hybrids.** 086835
yielding properties of F1 **hybrids** of **winter** 087182
Reasons for sterility in **hybrids** of old-**world** 087169

HYDATIDOSIS
Hydatidosis & cysticercosis. 6. Acquired res- 085257

HYDATIDS
livestorck & yourself from **hydatid disease.** 090240

HYDRATES
of solution processes in **hydrated starch** & a- 083147

HYDRATION
for dehydration & **rehydration** of **certain** fre- 083707
Effects of disiccation & **rehydration** on **lone** 090677
Hydration & vasopressin effects on glomeru- 084075

HYDRAULICS
from analysis of various **hydraulic automatic** 092152
Simplified **hydraulic calculus** of pressureless 092075
of canal check gates by **hydraulic filter** level 092158
Ecological solutions of **hydraulic-forest** prob- 085815
Hydraulic models for solution of river train- 091262
Determination of **hydraulic roughness** in irr- 092208

HYDRAZIDES
of succinic acid 2,2-**dimethyl hydrazide** (Alar 088213

HYDRELLIA
Whorl **maggot Hydrellia** spp. (Diptera: Eph- 089851
Life-history & control of **Hydrellia sasakii** 089933

HYDRILLA
Maintenance control of **Hydrilla.** [Certicilla- 089649
of fungi & bacteria from india to **Hydrilla** [089658
Hydrilla verticillata Rich. in Uzbekistan. 086456

HYDROCARBONS
of polycyclic **aromatic hydrocarbons** in foods 083570
Fate of polycyclic **aromatic hydrocarbons** in 091806
Absorption of **chlorinated hydrocarbons** by 090097
degradation of **chlorinated hydrocarbon** resi- 090366
Chlorinated hydrocarbon pesticide residues 090385
Chlorinated hydrocarbon pesticide residues 090386
Absorption of **chlorinated hydrocarbons** by 090397
Degradation of **chlorinated hydrocarbons** by 091694
degradation of **chlorinated hydrocarbon** resi- 092415
poisoned by **hydrocarbon insecticides.** [Rat 090234
of aromatic **polycyclic hydrocarbons** in co- 083538
Sesquiterpene hydrocarbons of Bazzania tri- 087529
Hydrocarbons & triterpenes of leaves of Eu- 087533
B12 supplementation to **hydrocarbon yeast** 084611

HYDROCHARITACEAE
on catalase activity of **Elodea canadensis** le- 087296

HYDROCHLORIDE
Psychedrine. [imipramine **(hydrochloride),** 085483

HYDROCOLLOIDS
Effect of **hydrocolloids** on **oral** viscosity & b- 083154
Influence of **plant hydrocolloids** on stabiliza- 083279

HYDROCORTISONE
II. Effect of insulin & **cortisol** on **natural** i- 084659
hydrogen-ion concentration] **plasma cortisol** 084216
metabolic clearance of **cortisol** by **stress-sus-** 084217

HYDROCOTYLE
SEE UMBELLIFERAE

HYDROGEN
soils & their release to H+ **(hydrogen?)-res-** 091647
Glucosamine HCl, [**hydrogen chloride**] hyd- 090672
in maize induced by **hydrogen fluoride gas.** 086966
Effect of **hydrogen fluoride** on pollen germi- 087933
II. activities of **hydrogen & hydroxylons.** 087602
dependence of light-**induced hydrogen** ion gr- 087949
Effect of temperature & pH [**hydrogen-ion** 082819
Influence of pH [**hydrogen-ion** concentration 083380
What does **hydrogen-ion** concentration state 083424
Post-slaughter pH [**hydrogen ion-concentrat-** 083465
I. Effects of lactose, pH [**hydrogen-ion** conc- 083535
Rumen liquor pH [**hydrogen-ion** concentrati- 084113
on blood serotonin & pH [**hydrogen-ion** con- 084216
phosphorus carbondioxide] pH[**hydrogen-ion** 084252
fluid food material, pH [**Hydrogen ion-conc-** 084370
Effects of pH [**hydrogen-ion-concentration**], 084873
Values of pH [**Hydrogen-ion** concentration] 085801
Breeding for pH [**hydrogen-ion** concentrati- 086916
dependence of light-induced **hydrogen ion** gr- 087949
of light-induced pH [**hydrogen-ion** concentra- 087950
carbon metabolism by pH [**hydrogen-ion** co- 088228
Effect of pH [**hydrogen ion-concentration**] 089660
Optimum pH [**hydrogen-ion** concentration] 091094
of methods of pH [**hydrogen-ion** concentrati- 091551
PH [**hydrogen-ion** concentration] dependent 091601
Changing pH [**hydrogen-ion** concentrates] f- 091630
Lactate, pyruvat, glucose & **hydrogen ions** in 084367
Comparative effects of **hydrogen ions,** carbon 088170
in foods treated with **hydrogen peroxide.** [C- 083151
of thiolignin during H2S [**hydrogen sulfide**] 086250

HYDROGENATION
Application of **partial hydrogenation** theory 083130
seed on **hydrogenation** of **unsaturated** fatty 084606
oil in diet on **hydrogenation** of **unsaturated** 084609

HYDROGENOLYSIS
Hydrogenolysis of **protolignin.** VII. Isolation 086177
Hydrogenolysis of **protolignin.** VIII. Isolati- 086178

HYDROGRAPHY
Forecasting **flood hydrographs** on danube by 092260
II. Application of unit **hydrography method** 092227
for Cincinnati, Ohio. [**Runoff hydrographs**]. 092275

HYDROLASES
of osmotic regulation of **hydrolase synthesis** 087682

HYDROLOGY
To **hydrology** of "Deutsche Sandmischkultu- 092286
Description & **hydrologic analysis** of two s- 085872
Calculation of **basic hydrological** data as ref- 092186
Waterlaw & **hydrologic cycle:** a Texas exam- 092273
An on-site **hydrologic data** recording system 092278
To problems of **hydrologic function** of peat l- 092287
Main works of **hydrological service** of Office 092230

HYDROLYSATES
dogs with a **hydrolysate** from **mesenchyme** o- 085125

HYDROLYSIS
Factors **affecting hydrolysis** during breadma- 083555
Thermal & base-**catalyzed hydrolysis** produc- 089105
Enzymatic hydrolysis as a source of structu- 083671
of susceptibility to **enzymic hydrolysis** of st- 083582
I. Preliminary studies on **hydrolyzed fish** pr- 083199

HYDROLYZATES
Fish hydrolyzates from commercial Philippi- 083199

HYDROMORPHIC
reclaimed forests on **hydromorphic mineral** 092214

HYDROPEROXIDES
curves of **hydroperoxide accumulation** during 083187
mechanism of **hydroperoxide decomposition** 083188
Hydroperoxides & inhibition. 083189

HYDROPHOBIC
soils of Peru using a **hydrophobic emulsion.** 091587

HYDROPONICS
of gravel culture. [**Hydroponics, cucumbers**] 088837
Moss planters for **soilless gardening.** 088716

HYDROQUINONES
isozonarol, **fungitoxic hydroquinones** from b- 087426

HYDROTHERMAL
Effect of **hydrothermal treatment** of rice & 083593

HYDROXYCHOLECALCIFEROL
25-**Hydroxycholecalciferol** (25-OHD3) i. Tr- 084856
25-**Hydroxycholecalciferol** (25-OHD3) il. E- 084857

HYDROXYLASE
Phenylalanine **hydroxylase activity** in cell e- 087450

HYDROXYLATION
of beta-D-glucosides of **ring-hydroxylated** ur- 089755
Some data on in **vitro hydroxylation** of anth- 087195

HYDROXYMETHYL
5**Hydroxymethyl-furfural** (HMF) content in 083201

HYDROXYPROLINE
chloride] **hydroxyproline** & **developmental** 090672

HYDROXYQUINOLINE
in plant tissues by 8-**hydroxyquinoline.** [App- 088002
between 4-**hydroxyquinoline** & **pyridone** coc- 085405

HYDROXYTRYPTAMINE
of 5-**hydroxytryptamine** & **catecholamines** in 090710

HYGIENE
Control of quality & **hygienic adequacy** of f- 082756
Content & concepts of **animal hygiene** legisl- 082619
Biochemical criteria in **appreciating hygienic** 082771
as a criterion of **hygienic appropriateness,** o- 082754
Problems of **hygiene** on **cattle** farms. 091677
residues & technical, **commercial, hygienic,** 082850
criteria in appreciating **hygienic condition** & 082771
Biological effect & **hygienic evaluation** of cy- 083064
a modern type of aid for **hygiene** in **food** in- 083017
There poison, here **forest hygiene!.** 085875
Thoughts on **forest hygiene** from forest poli- 085994
concepts of animal **hygiene legislation.** 082619
Sanitary-**hygienic measures** used in Constan- 085128
Evaluation of **hygienic parameters** & results 084011
of plants & for a more **precise hygiene** of sl- 082772
resolutions of **hygienic problems.** 082775
Social **hygienic problems** by planning recrea- 085974
technological & **hygienic properties** of cow's 083361
temperature on **hygienic** & other **qualities** of 083491
for determination of **hygienic quality** of foods 082896
technical, commercial, **hygienic, sanitary** im- 082850
Hygienic-sanitary rules for production, proc- 083337
Sanitary-hygienic measures used in Constan- 085128
technical, commercial, **hygienic, sanitary** im- 090208
Social hygienic problems by planning recrea- 085974
Hygienic studies on microbiology of dried f- 082701
Hygienic studies on microbiology of refresh- 082702
Hygienic studies on microbiology of sugared 082703
for reproduction; **technical, hygienic** & sanit- 084974
Work hygiene in food industry. [Dairy plan- 083338

HYLEMYA
of cabbage maggot, **Hylemya brassicae.** 089993
of Hyle yma brassicae & **Hylemya floralis,** 090004

HYLURGOPINUS
Role of native elm bark **beetle, Hylurgopinus** 090155

HYMENOLEPIS
between **Hymenolepis microstoma** (Cestoda) 085403

HYMENOPTERA
behavior of Formica rufa 1. **(Hymenoptera)** 090426
wasp Methocha stygia (Say) **(Hymenoptera:** 090447
of ant Lasius alienus (Forst) **(Hymenoptera:** 090746
of Lasius alienus Forst **(Hymenoptera:** Form- 090747
Osmia submicans Mor. **Hymenoptera:** Meg- 090803
of Osmia submicans Mor. **Hymenoptera:** M- 090805
fauna of Mongolia **(Hymenoptera).** I. 090874
torymid-fauna of Mongolia **(Hymenoptera:** 090875
Rhopalidia lepeletier, 1836 **(Hymenoptera:** 090919
Socotra & southern Arabia **(Hymenoptera:** 090950
United States & Canada **(Hymenoptera:** Eu- 090964
six tribes: second supplement **(Hymenoptera** 090965
cenchrivora] Walker **(Hymenoptera:** Ptero- 091008
Studies on wings of **hymenoptera.** VII. Essay 091093
honey bee, Apis mellifica L. **(Hymenoptera:** 091124
minuta Nees **(Hymenoptera, Braconidae).** 089794
Panz. **(Hymenoptera, Braconidae).** 089795
Fischer **(Hymenoptera Braconidae)** inside e- 090420
minuta Nees **(Hymenoptera, Braconidae).** 090608
Panz. **(Hymenoptera, Braconidae).** 090609
Apanteles Forst. **(Hymenoptera, Braconidae** 090944
Andrena Fabricius (**hymenoptera catalog,** 090865
in Japan **(Hymenoptera, Chalcidoidea).** [Cit- 090055
Aphelinidae **(Hymenoptera, Chalcidoidea).** 090611
Encyrtidae **(Hymenoptera, Chalcidoidea).** 090612
confusa Erd. **(Hymenoptera, Chalcidoidea).** 090615
confusa Erd. **(Hymenoptera, Chalcidoidea).** 090616
Foerster **(Hymenoptera, Formicidae).** 090835
group **(Hymenoptera, Formicidae)** & hints to 091052
Hlmgr. **(Hymenoptera, Ichneumonidae)** & in 089796
Doumerc **(Hymenoptera, Ichneumonidae).** 090945
L. **(Hymenoptera, Ichnewmonidae).** 090848
Homoptera, & **Hymenoptera** in a **moist** shr- 090758
phases of **parasitic Hymenoptera** of family 090613
bee keeping. **[Hymenoptera, pollination].** 091227
Stinging Hymenoptera. 090219
of sawflies **(Hymenoptera, Symphta)** on Mt. 091001
Mt. Hiko, Kyushu **(Hymenoptera, Symphyta.** 091005

HYOSCYAMUS
in long-day plant **Hyoscyamus niger** during 087563

HYOSTRONGYLUS
formulations against **adult Hyostrongylus** r- 085298

HYPERLIPEMIA
of hyperlipaemia **(hyperlipoproteinaemia)** in 085707

HYPERPLASTIC
of a new anti-androgen on **hyperplastic dog** 085726

HYPERPLOIDS
in balanced & **hyperploid structural** heteroz- 087019

HYPERSENSITIVITY
as an indication of **delayed hypersensitivity** 085309
mottle virus-**infected hypersensitive** soybean 089425

HYPHAE
characteristics & **hyphal anastomosis.** 089119
cell walls of synnema & **vegetative hyphae** of 087340

HYPHANTRIA
spider as a predator to **Hyphantria cunea** D- 089977
A study of genitalia of **Hyphantria cunea** (L- 090968

HYPHOMYCETES
of Epiciccum nigrum **(Hyphomycetes.** 086736
Conidium ontogeny in **hyphomycetes.** blasto- 086744
of nematode-trapping fungi **(Hyphomycetes)** 089445
gen. nov., a **lichenized hyphomycete** from w- 086432

HYPOCHLORITE
II. Influence of treatment with **hypochlorite** 086210

HYPOCOTYLS
acid polymerase from **soybean hypocotyl** wi- 088155

HYPOCREACEAE
pathway & alkaloid formation in **Claviceps** 087264
cultural observations. IV. **genus Hypocrea** & 086486
XXX. [Gibberidea zizyphi, **Hypocrea munkii** 086604
of submerged cultures of **Claviceps paspali.** 087556

HYPOCREALES
Revision of **Hypocreales** with **cultural** obser- 086486

HYPODERMA
of cattle grubs in horses. **[Hypoderma].** 090288
Hypoderma lineatum, **Hypoderma bovis].** 090228
capacities of **hypoderma** in **embryonic** feet of 090417
enzymes from larvae of **Oedemagena tarandi** 090438

HYPODERMIS
induced cytolysis of **alary hypodermal** cells 090638

HYPOGLYCEMIA
attack of a dog caused by **hypoglycemia.** 085722

HYPOPHYSECTOMY
Influence of **"hypophysectomy"** by means of 084247
Influence of **"hypophysectomy"** on bone gr- 084248
after **hypophysectomy** or **pituitary** stalk sect- 084742
secretion of **hypophysectomized rats.** 084298
graft in **hypophysectomized rats.** 084299

HYPOPHYSIS
fixed electrodes into **hypophysis** of **cattle** & 084178
or re-implantation of a **hypophyseal graft** in 084299

HYPOPLASIA
Micrognathia & **cerebellar hypoplasia** in an 085692

HYPOTHALAMUS
Leghorn cocks bearing **basal hypothalamic** l- 084896
centre in dog's **lateral hypothalamus.** 084325
cord & **hypothalamus** on **thermoregulatory** 084268

HYPOTHERMIA
to study of **hypothermia** with **special** refere- 084358

HYPOXIA
Tolerance to **anoxia** of **cell** fine organization 087742

HYSTERECTOMY
with nurse rearing by **hysterectomy piglets.** 083997

ICE
Ice cream varies in quality, composition, & 083087
Building & formation of **ice cream** microstr- 083344
Production of industrial **ice cream.** 083346
of "non-fat components" in **ice cream** mixtu- 083353
of Salmonella typhimurium in **ice-cream.** 083388
Postmortem quality changes in **iced Pacific** 082808

ICHNEUMONIDAE
Noctuidae). [Natural **control, Ichneumonidae]** 089935
Hlmgr. **(Hymenoptera, Ichneumonidae)** & in 089796
Doumerc **(Hymenoptera, Ichneumonidae).** 090945

ILEUM
transport pattern in rat jejunum & **ileum.** 084365

ILEX
Miq., Ilex pedunculosa Miz. **And Ilex** rotun- 083825
zones of mate. **[Ilex paraguariensis].** 082530

ILLUMINATION
to changes in intensity of **illumination.** 090668
during monoor **bichromatic illumination** of 087687
Natural illumination of swine-breeding hous- 091285
followed by **illuminated stimulation.** 087371
day length & **supplementary illumination** on 087924
effect on **illumination** & **temperature** as well 087668

IMAGINAL
Development of **imaginal abdomen** of Droso- 090532
Pattern formation in **imaginal discs** of Dros- 090531
Imaginal discs of Drosophila. 090586
Transplanting of **imaginal discs** of Drosophi- 090620
Freeze-conservation of **imaginal discs** & larv- 090841
Freeze-conservation of **imaginal discs** & larv- 090842
in aggregates of irradiated **imaginal disk** cel- 090839

IMBALANCE
Effect of hormones on amino **acid imbalance** 084659
Missouri, & related **metabolic imbalance** in 084335

IMBIBITION
opague-2 Zea mays during **imbibition.** [Corn 087818

IMITATION
aroma compounds in a **whisky imitation.** 083173

IMMATURITY
lugubris Blanch. I. **immature forms.** Orthop- 090786
relationships among **immature measures** of s- 084213
relationships between **immature measures** of 084214
relationships among **immature measures** of s- 084843
living conditions of **immature stages** of Boo- 090300
studies on morphology of **immature stages** of 090553
Immature stages of some eastern Nearctic 090568
wild bees with reference to **immature stages** 090805
living conditions of **immature stages** of Boo- 090849
Immature stages of Karachicoris seidenstue- 090867
Immature stages of some eastern Nearctic 090967

IMMERSION
of rythm of **immersion** on **development** of fr- 087188

IMMIGRANTS
Lipoptena cervi, an **eastern immigrant** in Fi- 091045

IMMOBILIZATION
Reversible immobilisation & analgesia in bul- 085170

IMMUNITY
of postvaccinal (Kilapin) **immunity against** 085548
persistence of **immunity** to **Babesia** argentina 085224
Ontogeny of **bovine immune** response. 085378
colon serum. [Escherichia **coli, immunity].** 085666
heavy pros & cons in **developing immunity.** 085421
Probing secrets of **fetal immunity.** [Sheep]. 084294
or bone marrow cells in **humoral immune** re- 085318
Increasing **natural immunity** as an alternati- 089531
of macrophages from **immune** & **nonimmune** 085308
Sheep **immune respone.** Variation of anti-ha- 085345

IMMUNIZATION
Active immunization of pigs against Salmon- 085228
foals, & subsequent **active immunization.** 085230
tetanus toxin. III. **Active immunization** of n- 085231
insidiosa. XIII. **Immunizing antigen.** [Swine 085236
of methods of **complex immunization** of swi- 085449
Some atttempts of **immunization** of one-day 085431
in calves. II. **Immunization experiments** with 085235
Prophylaxis & **immunization** in **mice** by use 085468
their possible role in **oral immunisation.** 084350
Infertility in female **rabbits immunized** with 084927
by using additives. **[Rabbits, immunization]** 085227
of antiglobulin sera from **rabbits immunized** 085480

IMMUNOCHEMISTRY
Immunochemical analysis of transfer of cert- 084171
Immunochemical analysis of chick phosvitin 084250
Immunochemical analysis of transfer of cert- 085346
Immunochemical evidence for transport of 090686
Immunochemical investigations on germinat- 087872
chemical & **immunochemical studies** on Erys- 085236

IMMUNODIAGNOSIS
hepatica in **immunodiagnosis** of **fascioliasis.** 085187

IMMUNODIFFUSION
by multiple radial **immunodiffusion analysis** 083500

IMMUNOELECTROPHORESIS
of **immunoelectrophoresis** & **agglutination** te- 085432
Immunoelectrophoretic analysis of Mycopla- 085375

IMMUNOFLUORESCENCE
immunofluorescence, histopathology & ultra- 085473
Incident **light immunofluorescence** of alcohol 085314
by **immunofluorescence** of **lipotropic** hormo- 084163

IMMUNOGENESIS
of pathogenesis & **immunogenesis** of **most** i- 085463
Study of **immunogenesis** in **relation** to Vibrio 085459

IMMUNOGENETICS
Immunogenetic & **electrophoretic** studies wi- 090701

IMMUNOGENICITY
Immunogenic properties of Newcastle disea- 085476

IMMUNOGLOBULINS
Some aspects of **bovine immunoglobulin** G h- 084986
antisera for **immunoglobulins** of **cattle** & sh- 085502
study of bovine **foetal immunoglobulins.** 084071
gamma 2 **immunoglobulin fractions.** 085345
excretion of **immunoglobulin IgG1** in newbo- 084130
on **immunoglobulins** & **immunocytes** at mole- 085464
transfer of **immunoglobulins** into **mammary** 084076
J chain in **pig immunoglobulins.** 084166
Purification of **sheep immunoglobulins.** 084338

IMMUNOLOGY
in radio-**immunological determination** of ovi- 084023
Immunological methods for agglutination of 088177
Immunological relations between egg protei- 084253
Immunologic response of chicks to inactivat- 085281
of thymectomy on **immunological responses** 085320
genes in maize are **immunologically similar.** 087077

IMMUNOSUPPRESSION
Immunosuppressive activity of azathioprine 085339

IMPATIENS
hybrids among New **Guinea Impatiens** speci- 086985
Indian giant balsamine. [**Impatiens, honey** p- 086341

IMPEDANCE
electrodes & tissues on **electrical impedance** 088254

IMPERATA
but not perfect control. [**Imperata cylindrica**] 089646

IMPLANTS
Bovine **embryo implants.** 085088
heat in cattle with **implants** of **melengestrol** 084767
after enucleation or **re-implantation** of a hy- 084299

IMPORTS
U. S. dairy product exports down & **imports** 082516
national regulations **affecting import** 082357
standards on **imported agricultural** products 082578
Imported fire ants: eradication trials with m- 090253
Studies on food additives in **imported foods:** 082739
assay of toxicity of **imported globefish.** 082740
of parasites in monkeys in **Italy imported** for 090302
development of agricultural **machine imports** 091352
Guarantine of **imported timbers** in Japan. 086175

IMPREGNATION
Silver impregnated stems aid Chrysanthem- 083734
influence of boar on **impregnation** of **sows** & 084746

INACTIVATION
Protective effect of an **inactivated avian** cor- 085246
Rescue of **chemically inactivated** Rous sarc- 085580
response of chicks to **inactivated Newcastle** 085281
their **inactivation** in **Ornithodoros** moubata 090294

INACTIVE
to restore wool growth to **inactive follicles.** 084049
for a pool of **inactive phenylalanine** ammonia 088140

INBREEDING
Variation among **inbreds** for **black** spot mat- 087094
Combining ability of **exotic inbred** lines in i- 087148
of skin colour of tuber in **first inbred** popula- 086976
Effect of gamma irradiation on **inbred lines** 086837
Adhl genotypes among **inbred lines** of maize 087093
resistance to corn earworm in **maize inbreds** 086986
of susceptibility of various **maize inbreds** to 089235
Mineral-deficint **maize inbreds.** 089524
resistance to corn earworm in **maize inbreds** 089926
of relationship & **inbreeding** of **plants** on sp- 086073
of breeding & **inbreeding** in **potatoes.** 086857
in populations derived from two **inbred pure** 086993
Use of **inbreeding** with **sheep** of Kuibyshev 084929
associated with **inbreeding** in a **synthetic** var- 086898

INCINERATION
Oil palm **bunch incinerator:** Utilisation of a- 083194

INCOME
Dairy cooperative boosts area's **income.** 082117
responsibilities, his constraints & his **income** 082168
Farming economics, 1969/1971 [**Income**]. 082256
An important source of **income.** [Honey pla- 082280
of development of **agricultural income** from 082215
distribution of trading & **commission income** 082476
Subsequent **employment, income** & further 081965
to eight days earlier yield, **income higher** 10 082252
Income increases. [Farmers]. 082192
with herd average milk yield & **income over** 082247
water on cropping **patterns, income,** & outp- 082211
area planning for location & **income rates** in 082053
New modality of application of **income tax** 082520

INCORPORATION
enterprise as an **incorporated agricultural** c- 082098
Incorporation of **chlorcholinchloride** into ph- 087914
catabolism & **incorporation** into **DNA** of An- 087571
Incorporation & **DVM.** [Doctor of veterina- 084998
14 c [carbon] **incorporation** from **exogenous** 087961
Aedes aegypti: **incorporation** & **maintenance** 090844
membranes. III. **Periodic incorporation** of g- 090521
Incorporation of **radio**-isotopes & DNA con- 090430
Incorporation of **tritiated** thymidine during 087218
Tritium incorporation & retention in photos- 087269

INCREMENTS
early growth & **increment** of five **coniferous** 085976

INCUBATION
sequence by short-**term incubation.** [Plants] 087576

INCUBATORS
Rearing drone honeybees in an **incubator.** [091165
in three types of **hatchery incubator.** 085259

INDETERMINATE
Androgenesis & **indeterminate gametophyte** 087055
Androgenesis & **indeterminate gametophyte** 087056

INDEX
Index to **American** botanical literature. 086321
Correlation relations of **basic indices** of carc- 083494
Effect of different rations on **certain indexes** 084319
A water quality **index--crashing** psychologic- 092206
Top height site-**index curves** for Pinus stands 085936
Development of **environmental indices:** outd- 082058
Environmental indices for radioactivity rele- 092375
Towson State Herbarium **family index.** 086519
model for upper Rio Grande **index flows.** [092274
relationship between some **indices** of **frozen** 084883
on certain clinical & **hematological indices** in 085775
their ratio as an **index** of **meatiness** of swine 083446
on certain **physiologicbiochemical indices** & 087655
Aquatic communities as **indices** of **pollution** 092381
on improvement of **indices** of **production** of 091417
Developing a soil **quality index.** 091637
Why environmental **quality indices?** 092378
Genetic correlations of **qualtty indices** in wi- 087124
in broiler fattening. 2. **Selected indexes** of i- 084453
Egg production, egg weight & **shape index** of 084196
Suitability indices of Indian timbers for ind- 086165

INDICATORS
Barks as **indicators** of **air** pollution. 089576
pitting of pear & cherry to **apple indicators** 089334
Biochemical indicators of environmental pol- 092373
Dehydrogenase: An **indicator** of **biological** a- 091516
Indicators of **environmental** quality: an over- 092371
materials as an **indicator** of **organic** terrain 091556
Planting indicators in ecology. 086668
Weeds as **indicator plants** of microrelief of 086620
Quick swell test as an **indicator** of **potential** 087672
regressions of some **quality indicators** of win- 086842
Mosses: **sensitive indicators** of airborne mer- 089450
leakage as **indicators** of **susceptibility** of var- 089235

INDIGENOUS
types in some **indigenous** & **exotic** breeds of 084861
productivity in Mexican & **indigenous wheat** 082193
Breeding work on **indigenous wild** trees-a w- 086925

INDIGESTION
biochemical studies in **indigestions** in **cattle** 085680

INDOLE
Inhibition of ripening & **indole-3-acetic** acid 088085
Effect of IAA [**indole acetic** acid] sprays on 088193
Destruction of **indole-3-acetic** acid during ae- 089542
Mechanisms of **indole alkaloid** biosynthesis. 087576
conformational analysis of **indole alkaloids** 087387
Neoechinuline: a new **isoprenyl-indole** meta- 087386
Indole & **oxindole** alkaloids from Uncaria b- 087495

INDOLEACETIC
of chromosomes affected by **indoleacetic acid.** 086957
on activity of beta-**indolylacetic acid** & on g- 087627
Effects of water stress on **indoleacetic acid** 087843
in relation to injury, **indoleacetic acid,** & et- 087849
Role of IAA [**indoleacetic-acid**] on mineral 087860
of 14C[carbon]-**indoleacetic acid** & 14C-suc- 087940
IAA [**indoleacetic acid**] osidase & inhibitors 088062
Degradation of **indoleacetic acid** (IAA) in so- 091713

INDUCTION
Radiation-**induced aberrations** in aneuploid 084292
Induction of **abscission** at hypobaric pressur- 088153
of oxygen & nitrate in **induction** of **ADH** [a- 087694
sulphadimethylpyrimidine **against induced** c- 085372
Cadmium-**induced anemia** in growing pigs: p- 085691
Artificial induction of seedlessness in water- 087128
Surgically **induced atrioventricular** block wi- 085027
effect of kinetin on **auxin-induced** ethylene 088154
Induced auxotrophic mutants in homothallic 086877
Studies on **induction** of **axillary** flowering in 087923
of hybrids & varieties of **barley induced** by 086941
A record preponement of **bud-induction** in 087630
Cadmium-induced anemia in growing pigs: p- 085691
against **induced caecal** coccidiosis in chicks. 085372
of AKR mouse sarcoma **cells induced** by Ro- 085241
control of environmentally **induced changes** 086932
inheritance of permanently **induced changes** 086934
Radiation-**induced changes** in chemical com- 088182
Effect of herbicide-**induced changes** in veget- 089622
of temperature on **induction** of **chill**-coma & 090524
Copper-**induced chlorosis** in Becium homblei 089558
Cold-induced inhibition of thermal panting in 083246
Copper-induced chlorosis in Becium homblei 089558
mediation of hormonally **induced cytolysis** of 090638
Heat **induced damage** in wheat as a consequ- 083594
response of pigs to an ulcer **inducing diet.** 085603
lime kilns--compressed air or **induced draft** 083688
in culture: petal **duplication induced** by surg- 087697
Genetic control of **environmentally induced** 086932
progestational priming of **estradiol-induced** 084795
Inducing estrus in ewes out of sexual season 084960
Light-**induced ethylene** production in sorgh- 087839
effect of kinetin on auxin-**induced ethylene** 088154
Ethylene-induced phenylalanine ammonia-ly- 088156
vulvitis in **experimentally induced** zinc defic- 085675
A transcellular water **flux induced** by light in 087329
on pistillate flower **foramtion induced** by et- 088097
six chemicals against X-ray-**induced genetic** 090741
Modification of radiation-**induced genetic** d- 090742
Induction of some **grain** shape & morpholog- 087131
Heat induced damage in wheat as a consequ- 083594
Effect of **herbicide-induced** changes in veget- 089622
AMP mediation of **hormonally induced** cyto- 090638
Hormone induced lactation in bovine. I. Lac- 084231
of prolactin & luteinizing, **hormone induced** 084741
dependence of light-**induced hydrogen** ion gr- 087949
of cytoplasmic **inclusions induced** by bean y- 089359
Light-**independent induction** of enzymes rela- 087971
in mice: inabiltiy to **induce ingestion** of she- 085376
Cold-**induced inhibition** of thermal panting in 083246
Tritcum aestivum L.) **induced** by **ionizing** ra- 087753
Manipulation of mutation-**induction kinetics** 087101
Hormone **induced lactation** in bovine. I. Lac- 084231
Light-induced transformations of pigments. 087196
Light-induced spectral changes of p700 in 8 087276
absorption spectrum studies: **light-induced** p- 087472
Light-induced ethylene production in sorgh- 087839
Light-induced transformations of pigments. I 087921
concentration dependence of **light-induced** h- 087949
without depression of **light-induced** pH [hyd- 087950
priming of estradiol-**induced luteal** regression 084795
Chromosomal changes in **maize induced** by 086966
Induction of **male**-sterile tomato mutants by 087004
Induced mutagenesis in winter wheat. 086961
Genetic studies of **induced mutants** in Melil- 086895
Test for cytoplasmic **mutants induces** by E 087020
as a new method for **mutation induction** on 087067
Manipulation of **mutation-induction** kinetics 087101
Mutation induction in rice by gamma-rays c- 087147
Butler. I. Surival & **mutation induction** by 087183
Induced mutations in Setaria italica beauv c- 086863
Inducing mutations in barley & oats with c- 086942
Use of **induced mutations** in breeding peas. 086944
Induced mutations in soybeans & their impo- 086945
Utility of **induced mutations** in rice breeding 086975
ethyl methanlsulfonate]-**induced mutations** in 087112
Pisum sativum l.), **induced** by **nasturtium** ri- 089333
Use of **induced** & **natural** mutations in breed- 086943
Influence of nitrate on **induction** of **nitrate** 087714
pigs. III. Experiments to **induce ovulation** 084808
Studies on mechanism of **oxygen-induced** sy- 087367
Induction of **parturition** in swine & rabbits 084841
of inheritance of **permanently induced** chan- 086934
without depression of light-**induced pH** [hyd- 087950
Ethylene-**induced phenylalanine** ammonia-ly- 088156
Photoperiodic induction of flowering in mes- 087664
spectrum studies: light-**induced pigment** cha- 087472
Induction of **pisatin** formation in pea foot r- 089201
structural alterations of **plastids induced** by 087127
A **rabies-induced** serum factor inhibiting Ro- 085393
Radiation-induced aberrations in aneuploid 084292
Radiation-induced changes in chemical com- 088182
Modification of **radiation-induced** genetic d- 090742
Rapid induction of ferritin in laboratory an- 084310
effect of six chemicals against **X-ray-induced** 090741
Induced recessive mutations affecting leaf a- 086984
Growth **regulator induction** of parthenocarpy 087795
of apholate & its failure to **induce resistance** 090190
Metabolic **responses induced** in neonatal sw- 084321
A rabies-**induced serum** factor inhibiting Ro- 085393
sulphonate] **induced sominant** mutation. [Co- 087042
Light-**induced spectral** changes of p700 in 8 087276
of cytoplasmic male **sterility induced** by ga- 087003
polyethylene glycol (PEG) **induced stress.** 087685
Surgically induced atrioventricular block wi- 085027
on mechanism of oxygen-**induced synthesis** of 087367
coleoptile. II. **Induction** at low **temperature.** 087706
Light-**induced transformations** of pigments. 087196

Light-induced transformations of pigments. I 087921
on development of a virus-induced tumor (re- 085604
Induction of tumors in hamsters with a bovi- 085243
on response of pigs to an ulcer inducing diet 085603
Hormonal & metabolic variations induced by 084297
Quantitative variations induced by gamma r- 087129
system on development of a virus-induced t- 085604
of citrus variety Tachima-wase induced by X 087007
vulvitis in experimentally induced zinc defic- 085675

INDUSTRY
advice for agriculture & industry. 081946
decades of change in U.S. oranges. [Industry] 083714
Olive oil, oilve culture, & industries. 083837
Educational implications for industry. 086257
Oregon's agricultural industry. 082629
Gujarat Agro-Industries Corporation renders 081969
Activities of Bharativa Agro--Industries Fou- 081971
Agro-industry in Africa. 082662
Hisotry of Japanese alcohol industry. 3. 083134
of small rivers of use to animal industry. [F- 082309
of competition among animal industry work- 082665
training cadres for work in animal industry 084014
An industrial base for apiculture in northern 091196
of International Dairy Industry Association 083262
in beef calves, raised industrially, attributed 085806
Expansion in avocado industry. [California] 082539
Baking industry & world: Tunisia. 083182
of amylases in technique of baking industry 083567
ons" for past five years. [Beef industry]. 082608
retailer attitudes on beef industry. 082724
s article: Man & beast & bio-industry. 092396
techniques in paper & board industry. 086211
Austrian brewing industry. 083629
Requirements of canning industry on mecha- 083807
New South Wales beef cattle industry: a su- 082206
Intensification of dairy cattle industry on st- 082666
Gyratory equipment in cheese industry. 083295
of raw materials for chemical industry. 083052
Gujarat Agro-Industries Corporation renders 081969
for successful marketing. [Dairy industry]. 082348
market problems related to dairy industry. 082349
Still is not decided. [Dairy industry, prices] 082438
Packaging of dairy industry products: 14th 082720
Quality assurance & dairy industry. 082883
Dairy industry in Federal area in 1972 as w- 083254
Publicity activity of dairy industry. 083259
World wide development of dairy industry: 083262
consumer qualification of dairy industry pro- 083264
for successful marketing. [Dairy industry]. 083269
Publicity activity of dairy industry. 083349
phosphate problem. [Dairy industry]. 092348
meeting of International Dairy Industry As- 083262
Industrial development & legal provisions on 082752
Indian timbers for industrial & engineering 086165
worts by means of an industrial enzyme. 083039
of broilers in course of industrial fattening 085429
its application in grain & feed industry. 1. 083648
its application in grain & feed industry. 2. 083650
Analysis of mixed feed industry of Great Br- 083886
Anatomy of compound feed industry. 1. Uni- 083892
practices of Texas cattle feeding industry. 082299
from brewing & fermentation industries. 092390
Fermentation industry--pharmaceuticals, co- 092444
Review of fertiliser industry. [India]. 091865
production & investments in food industry. 082494
development in agriculture & food industry 082553
problems of agriculture & food industry in e- 082667
Food industry & food inspection. 082709
security, for & against. [Food industry]. 082721
Quality prognostic in food industry. 082770
type of aid for hygiene in food industry. 083017
process-flow organization in food industry. 083060
in finding new solutions. [food industry]. 083061
of post graduate training in food industry in 083062
development in agriculture & food industry 083067
packaging: control scales in food industry. 083071
enterprise management in food industry. 083083
recent developments in food industry. 083085
in sixth boom after war. [Food industry]. 083109
work performance increase. [Food industry] 083167
Optimal transporting drives. [Food industry 083168
problems of agriculture & food industry in e- 083233
Work hygiene in food industry. [Dairy plan- 083338
Treats huge flowrates. [Food industry, indus- 092347
development for foodservice industry. 083079
development of forestry & forest industries. 085957
of changes in Georgia's forest industries. 086140
market information tool, [Forest industries] 086273
of Bharativa Agro--Industries Foundation. 081971
regulation on Japanese fruit industry. 082600
of Mexican broilers hatcheries industry. 083523
Production of industrial ice cream. 083346
Poultry development. [Industry, India]. 083522
huge flowrates. [Food industry, industrial w- 092347
developments in Victorian lamb industry: an 082205
Methods for rationalizing industrial laying- 091238
vegetable production along industrial lines. 088659
on fruit production along industrial lines in 088665
agriucltural production along industrial lines 092083
vegetable production along industrial lines. 092107
Livestock industry of Ferrara & its outlook 082095
Direct marketing in livestock industry. [Pou- 082334
Livestock industry after Lombardy conferen- 082591
projections in Kentucky's livestock industry 082602
Industrial livestock-raising farms as a factor 082626
Drug Administration] to livestock industry 082794
Drug Administration] to livestock industry 082796
Drug Administration] to livestock industry 082797
Drug Administration] to livestock industry 082798
Drug Administration] to livestock industry 083881
Drug Administration] to livestock industry 083882
Role of veterinarian in livestock industry in 085100
Drug Administration to livestock industry & 082793
reproduction sphere in industrialised loose- 083980
Marketing analysis for lumber industry. 086203
Association of Forest Machinery Industry. 086222
waters of Fergana-Margilan Industrial Net- 092363
Modernization of Brazilian meat industry: 082469
Meat industry statistics. 082487
trucks & their employment in meat industry 083413
in a medium size plant. [Meat industry]. 083420
Training for meat industry in Debrecen. 083434
Innovation movement in meat industry. 083436
Modernization of Brazilian meat industry: 083488
of efficient automation. VII. [Meat industry 083511
Beef cattle & meat industry of North Rhine 083996
Situation of milling industry with special re- 082347
More about labor force in milling industry. 086225
element effects upon municipal, industrial, 092319
Effect of industrial mycelial residues, wood f- 089550
of Fergana-Margilan Industrial Network. 092363
survey of Rhode Island nursery industry. 082641
Industry-like organization of mushroom pro- 088654
of production. [Meat packing industry]. 083410
Tissue culture in pulp & paper industry. 086099
Fiber raw material for paper industry: pros- 086114
burden by pulp & paper industry. 086209
Some aspects of pulp & paper industry in s- 086238
technical needs & trends of paper industry: 086253
application in pulp & paper industry. 086254
technical needs & trends of paper industry: 086257
Air pollution in pulp & paper industry. 092305
burden by pulp & paper industry. 092417
prospects for a tomato paste industry. 082653
Peach industry of West Virginia. 088872
Fermentation industry--pharmaceuticals, co- 092444
of gastroenteritis in industrialised pig reari- 085702
smoking & cooking in industrial plant. [Me- 083417
sociology & change in plantation industry. 082645
Machines & devices for plywood industry. I 086219
Machines & devices for plywood industry. 086220
of a channel affected by industrial pollution: 092313
research of labor safety in poultry industry. 083406
Fruit & vegetable preservation industry: pro- 083735
Still is not decided. [Dairy industry, prices] 082438
skills in food processing industry. 083082
Microbiology in cacao processing industry. 083086
Industrial processing of pears. 083752
of raw wood processing industry in Denmark 086094
Something about industrial production of s- 083579
of fertility of boars in industrial production 084959
Industry-like production of black currants. 088657
qualification of dairy industry products. 082720
of United States forest products industry. 086137
for effluents of paper & pulp industry. 086208
industry: byproducts usages. [Pulp industry] 086253
for effluents of paper & pulp industry. 092416
verified in beef calves, raised industrially, at- 085806
specialization in cattle raising industry of U- 082191
Methods for rationalizing industrial laying- 091238
Research for sawmilling industry in South A- 086240
Effect of industrial sewage sludge on net ass- 088265
in pastoral zone of Australian sheep industry. 082103
Role of forest in industrialized society. 085990
A soybean industry could develop. 088533
Meat industry statistics. 082487
of bagasse-a bye-product of sugar industry--a 083098
Situation of sugar industry between 1938-1 083561
supersaturation of industrial sugar solutions. 083562
Power economy of sugar industry in campai- 083563
Rheomat" control system. [Sugar industry] 083682
or induced draft operation? [Sugar industry] 083688
Water conservation in beet sugar industry. 083717
techniques developed by sugarcane industry 092124
of antistatic agents in textile industry. [Wool 083453
Need for rationalisation in timber industry. 086237
Industrial utilization of small-sized wood. 086171
with several municipal & industrial wastes 091829
flowrates. [Food industry, industrial wastes] 092347
demand of oxygen by industrial wastes; com- 092384
disposal of industrial wastewaters. 092101
Greek forests & wood industries. 086129
in automation techniques for wood industry 086158
operations utilized in wood industry. 086169
for future guarantee of industrial wood supp- 086265
for future guarantee of industrial wood supp- 086266
reinforced teeth in woodworking industry. 086172
Do-Ro" method in woodworking industry. 086221
development of woodworking industry on ba- 086231
competition among animal industry workers 082665
radiation heating in wood-working industry. 086226

INEFFICIENCY
yellow vein virus in an inefficient aphid vec- 089417

INERT
Inert atmosphere vs. stored grain pests. [In- 090175

INFANCY
Fertility of infantile sows after hormonal st- 084963

INFECTION
Rabbit ailments & treatment. [Infections]. 085210
of resistance of vegetables to reinfection. I. 089251
microscopy; phloem tissues were infected wi- 089400
taurus) after naturally acquired infection. 085224
of swine against acute infectious diseases. 085449
s experiences with adenoviral infection in A- 085562
Adenovirus infection & disease. I. Some cha- 085270
Characteristics of adenovirus infection in ca- 085587
Adevovirus infection & disease. II. Histopat- 085271
of arthropod-borne virus infections affecting 085260
Protect chicks against infectious diseases. 085486
resistance of cattle against infections with t- 090285
wound tumor virus-infected Agallia constric- 089929
flavonoid accumulation in alfalfa infected by 089195
prophylaxis for Anaplasma infections. [Catt- 085453
Antigenic drift of equine infectious anemia v- 085240
studies of equine infectious anemia virus. V. 085242
Equine infectious anemia: Sensitivity of indi- 085311
differences in Babesia argentina infections. 085251
in air on course of artificial infection with 085183
in air on course of artificial infection with 085184
in air of course of artificial infection with I- 085186
Effects of artificial infection of potato seeds 089131
in brome mosaic virus infected barley as a c- 089423
reinfection. I. Research on beans infected by 089251
verrucosum Bodin, 1902 infection in cattle 085373
infection with IBR [infectious bovine rhinot- 085183
infection with IBR [infectious bovine rhinot- 085184
Role of IBR-IPV [infectious bovine rhinotr- 085435
transmission of virus of infectious bovine rh- 085565
of two new races infecting Brassica napus. 089015
Plaque formation by infectious bronchitis vi- 085273
mycoplasmosis (ARM) infectious bronchitis 085352
coli, fowl pox, infectious bronchitis & mycop- 085365
Attempts to infect cattle with bovine ephem- 085256
fluorescent antibody test. [Cattle, infections 085596
nuclear inclusions in leaf cells infected with 086737
pathogenicity of challenge infections. 085301
regression of leukemia in chickens infected 085503
disease, adeno virus & Chlamflida infections 085518
of Salmonella choleraesuis infection, using 085229
anemia virus in chronically infected horses. 085240
mosaic virus & infectivity of its components. 089358
coccidia during concurrent infections. 084802
Porcine congenital infection due to Mycoba- 085472
on black currant. II. Infection & conidium f- 089159
migration of Haemonchus contortus infective 085353
of certain substances on infectivity of curly 089372
of susceptibility for infection with Dirofilaris 090296
on course of Newcastle disease infection in 085481
Medicine. [Livestock, infectious diseases]. 085441
trends in research on infectious diseases of 085448
Protect chicks against infectious diseases. 085486
Pathogenic activity of double infection by g- 089850
Dual infection of chickens with acute & mild 085275
Salmonella dublin infection in calves: value 085295
Porcine congenital infection due to Mycoba- 085472
Infectivity of embryonated Trichuris suis eg- 085406
from turkeys with infectious enteritis. 085277
in prophylaxis of some infective enteritis of 085573
Enterovirus infection of swine with damage 085425
Antigenic drift of equine infectious anemia v- 085240
Physicochemical studies of equine infectious 085242
Equine infectious anemia: Sensitivity of indi- 085311
of azathioprine in experimental infection of 085339
Nishigori, 1924) infection in experimental p- 085357
values in experimental infection by Haemon- 085558
Experimental infections of avian trypanoso- 090223
cases of feline leukemia & feline infectious 085212
dextran on infectivity of a feline calicivirus 085244
Studies on helminthic infection of desi fowls 085362
Arizona hinshawii infection in turkey poults 085268
hormone as influenced by infectious history 085390
of Nosema disease from infected honey bee 091171
anemia virus in chronically infected horses. 085240
by fluorescent antibodies in infected human 085574
mottle virus-infected hypersensitive soybean 089425
of most important infectious & blood-parasi- 085463
to protect against intracerebral infection by 085468
of Haemonchus contortus infective larvae on 085353
Infectious larvngotracheitis in poultry. 085366
s disease & infectious laryngotracheitis viru- 085202
IB) & infectious laryngotracheitis (ILT) in 085352
weight RNA in barley leaves infected with 089374
of sheep affected with infective limping. 085576
Veterinary Medicine. [Livestock, infectious 085441
of healthy & virus infected Lycopersicum es- 089275
machine on rate of new mastitis infections. 085389
Resistance to microbial infection--vaccines in 085255
boll in relation to microbial infection & dec- 089034
disease in poultry due to mixed infections of 085365

I. Development of an **infection model** & exp- 085234
poultry & those **infected** with **Mycoplasma** 085457
of Nosema bombycis **Naegeli infecting** silk 091226
poultry with notes on **natural infection.** 085354
leaf scars in relation to **infection** by **Nectria** 089001
cells of aster yellows-**infected Nicotiana** rust- 089375
of Thielaviopsis **paradoxa infecting** sugarcane 089166
data of some **infections** & **parasitic** diseases 085344
in field of studying **infectious pathology** of 085447
feline leukemia & feline **infectious peritonitis** 085212
like bodies in **periwinkle infected** with sand- 089355
Circum-oval precipitin test in **pigs infected** 085358
of Escherichia coli, fowl **pox, infectious** bro- 085365
by ewe & its effect on **prenatal infections** wi- 085257
Observation on **infection process** of Erysiphe 089182
Pursuance of **infection** by **pullorum** disease 085304
bovine rhinotracheitis, **infectious pustular** vu- 085435
bovine rhinotracheitis/**infectious pustular** vu- 085565
responses in maize to **infection** by **Pythium** 089181
of viraemia of **rabbits infected** with a neurot- 085598
a description of two new **races infecting** Bra- 089015
hosts & trypanosome **infection rates** of Glos- 090222
infectious bovine **rhinotracheitis, infectious** 085435
as well as **infectious rhinotracheitis** of cattle 085518
infectious bovine **rhinotracheitis/infectious** 085565
lyase in Japanese radish **root infected** by d- 089046
Green island in **rust infection** of Sorghum. 089039
A report on latent **Salmonella infection** in 085287
of Sclerotinia **sclerotiorum infection** of bean 089191
Effects of primary & **secondary infection** wi- 089395
A **serious infection** of leaves of kidney beans 089249
of Eimeria species **infecting sheep** during gr- 085192
of Nosema bombycis Naegeli **infecting silk** 091226
of chickens following a **single infection** of E- 085404
of tobacco ringspot virus-**infected soybean** p- 089389
Differentiation of Eimeria **species infecting** 085192
medicine in field of **studying infectious** path- 085447
Thielaviopsis paradoxa **infecting sugarcane** 089166
of granulosis virus **infected Trichoplusia** ni l- 090564
occasioned by genital **tropism infections** of l- 085495
between hosts & **trypanosome infection** rates 090222
Unimpaired infectivity of nematode Haemo- 085400
Infections of **upper** respiratory tract. [Hors- 085535
Resistance to microbial **infection--vaccines** in 085255
in subcellular fractions of **infected vigna** lea- 089416
Viral infection of bovine fetus & its environ- 085247
of ultraviolet irradiation on **virus infectivity** 085242
A review of arthropod-borne **virus infections** 085260
pustular vulvovaginitis] **virus infection** in calf 085435
surface fungi of healthy & **virus infected** Ly- 089275
Tobacco mosaic **virus infection** of greenhouse 089331
Virus infections in asparagus (Asparagus off- 089332
in potatoes under **infection** with **virus** Y. 089342
detection of tobacco ringspot **virus-infected** 089389
surface fungi of healthy & **virus infected** Ly- 089408
of a protein in brome mosaic **virus infected** 089423
characterization of a **virus infecting** a blue-g- 089424
in cowpea chlorotic mottle **virus-infected** hy- 089425
of healthy & wound tumor **virus-infected** Ag- 089929
proteins of granulosis **virus infected** Trichop- 090564
parenchyma cells of aster **yellows-infected** 089375

INFERENTIAL

Inference of **follicle**-stimulating hormone (F- 084023

INFERTILITY

SEE FERTILITY

INFESTATION

of different olive varieties to **infestation.** Di- 090088
fatty acid content of cacao **beans infested** wi- 083124
of sprays on rate of **bollworm infestation,** co- 089889
cane plant varieties to **borers infestation** in 089956
Bot infestations of pinyon mice in New Me- 090233
Aphis gossypii glover **infesting cotton** plants 089875
on rate of bollworm **infestation, cotton** yield 089889
Infestation of **cotton** plant by spiny bollwo- 089953
A procedure for **infesting field** soils with Ps- 089317
Cone production in Fraser **firs infested** by b- 090121
Treatment of liver **fluke infestation** & other 085426
against Aphis gossypii **glover infesting** cotton 089875
varieties to Aphis **gossybii infestation** & effe- 089954
proteins in Triatoma **infestans haemolymph** 090691
dioxide for control of an **insect infestation** in 090201
Infestations by **insects** & mites in forests & 090147
birds control Plusia **larvae infesting** lucerne 089894
Infestation of **maize** ears by spiny bollworm 089957
of grape rootstocks in **nematode-infested** soil 089548
Hymenoptera: Pteromalidae) **infesting seeds** 091008
Studies on course of **infestation** in old **silver** 090168
grape rootstocks in nematode-**infested soil** a- 089548
populations & nitrogen in **soils infested** with 089170
cycles of sugar-cane on **infestation** of **stalk** 089955
N-geranylaniline moiety. [**Triatoma infestans**] 090230
specific proteins in **Triatoma infestans** hae- 090691
Phytophthora [citrophthora]-**infested water.** 089206
Problems of **weed infestation** in short-straw- 089602
Weight loss of **wheat infested** with gamma-r- 090203
Worm infestations in sheep & how to control 085335

INFILTRATION

Effect of soil crusts on **infiltration:** effect of 091592
Comparison of **infiltration measurement** tec- 092210
fire effects on water **repellency, infiltration,** 085817

INFLAMMATION

Early inflammatory reaction in fowl. A light 085190

INFLORESCENCE

Inflorescence development of semidwarf & s- 087709
Morphogenesis of **female inflorescence** of L- 086777
daylength for **inflorescence formation** of sev- 088054

INFLUENZA

two approaches to vaccination. [**Influenza**]. 085465
of parainfluenza-2, **parainfluenza**-3, **mucosal** 085518

INFORMATION

An international day of study & **information** 088584
Information Center for Tropical Plant Prot- 089529
A **computerized information** system relating 092241
Bringing upto **date information** on control of 090095
Further information on Lower & Middle De- 086491
Latest information on effects of M2060 (bet- 090052
needed in certain of **information** in that **list.** 087026
producers have new **market information** tool 086273
Practical information: Mechanization of tra- 091412
milking: **information** from **radiographs.** [Co- 083961
content: Present & **related information** & fu- 083256
consumer. III. **Information relevant** to hum- 082795
Mechanization of **information retrieval** in li- 084734
supports of **information** in **silviculture.** 086064
improtance of various **information sources** u- 081913
as a source of **structural information** on cell- 083671
plots, as an **information** of **uniformity** trial 091654

INFRARED

Plant reflectance & **colour infrared** photogr- 086304
Application of **infrared spectroscopy** to study 091616

INFRASTRUCTURE

activities & **infrastructure** of **simple** dictyos- 087187

INFUSION

in sheep receiving **abomasal infusions** of me- 084073
Effect of **infused glutamine** on uric acid syn- 084599
following **intraadenohypophyseal infusion** of 084033
of tin between fruits & **infusion** in **preserved** 083724
of colored components in black **tea infusion** 083160
of theaflavins in black **tea infusion.** 083162

INGESTION

dangers connected with **ingestion** of **erucic** a- 082706
in mice: inabiltiy to **induce ingestion** of she- 085376
associated with **ingestion** of **jimsonweed** by 085774
Effect of **ingested lead** shot on electrocardio- 084079
to milk of cows after **perchldrate ingestion.** 084233
Ingested soil & animal nutrition. 084657

INGREDIENTS

source of protein & other **ingredients.** 083080
indica) as an ointment base **ingredient.** 083093
Effect of frankfurter **cure ingredients** on n-n- 083466
Utilization of **dairy ingredients** in other foo- 083326
of alfalfa meal as a **dietary ingredient** for y- 084463
of crab meal as a **dietary ingredient** for you- 084464
dietary levels of some **ingredients** on **larval** 091177
Disturbanges caused by **ingredients** of **milk** 083384
of moisture & other **ingredients** to **mixed** fe- 083895
on some mineral & **nutritive ingredients** of 088323
Toxic ingredients of technically processed c- 091842

INHABITING

Abundance of **arthropods inhabiting** duff & 090165
with emphasis on **cave-inhabiting** species. 090975
Coleoptera: Ciidae) **inhabiting fruiting** bodies 090573

INHALATION

Advances in **inhalation anesthesia.** [Veterina- 085019
use of Metofane **inhalation anesthetic** in Sn- 085117

INHERITANCE

studies on **inheritance** of **abscission** layer de- 087016
Studies on **inheritance** of **awned** condition & 087009
Inheritance of a new **brachyism** in corn, zea 086896
Inheritance & **correlations** of juvenile chara- 086075
Cytoplasmic inheritance of timing of "senes- 086980
Inheritance of **cytoplasmic** male sterility in- 087003
Inheritance of **date** of pollen shedding in a 087041
Some **inherited diseases** in cattle. 085741
Inheritance of **flowering** time in ragi Eleusi- 086860
a possible recessive X-**linked inheritance** in 085754
Inheritance of **lint** strength in Egyptian cot- 086851
Inheritance of **part** lactations in Murrah buf- 084183
Nature of **inheritance** of **permanently** induc- 086934
Inheritance of **photoperiodic** heading respon- 086883
aestivum L.). I. **inheritance** of **photoperiodic** 086927
Inheritance of **photoperiodic** heading respon- 087715
Inheritance of **plant** height & flowering dur- 086844
of Angraecum i. **Inheritance** of **post**-pollinat- 087930
Investigation of **quality inheritance** in some 086835
Inheritance of **resistance** to downy mildew 088988
Acquired & **inherited resistance** of cattle aga- 090285
Inheritance of **semidwarfness** in several whe- 086901
Investigations on **inheritance** of **short**-branch 086862
Inheritance of **susceptibility** for infection wi- 090296
live with **inheritance** of their **symbionts.** 090830
Inheritance of low **temperature** seed sprouti- 086859
Some aspects of **inheritance** of **tolerance** to 090199

INHIBITION

Hydroperoxides & **inhibition.** 083189
On "**inhibiting**" mutagenic effect of ethylene- 086960
Inhibition ability of potato leaf sap in relati- 087156
Inhibition of **acquired** resistance in cowpea 089425
yields by using growth-**inhibiting agents.** [F- 088107
Site of **inhibition** by 2-**amino**-1,1,3-tricyanop- 087968
of protein synthesis-**inhibiting antibiotics** on 090511
Inhibition of **cell** division by blue light. [Lil- 088026
resulting in aleurone **color inhibition** in mai- 087027
Inhibition by **cytochalasin** B of sucrose tran- 087335
Inhibitory effect of acid in intestine on rum- 084221
Inhibiting effect of extractives of Larix lept- 086200
Inhibition of **energy** transfer reactions in sp- 088040
in piglets with **inhibited enzymatic** activity 085715
Inhibition of **ethylene** production in plant ti- 088002
fungistasis: evidence for an **inhibitory factor.** 089198
A rabies-induced serum **factor inhibiting** Ro- 085393
Varnishes & **fire inhibiting** paints for protec- 086164
fruit yields by using **growth-inhibiting** agents 088107
SN) & **hemagglutination inhibiting** (HI) ant- 085481
Cold-**induced inhibition** of thermal panting in 083246
Inhibition of **insect** development by simulta- 090707
Retroactive **memory inhibition** in Apis melli- 091170
swine leukocytes. III. **migration inhibition** t- 085309
On problem of mechanism of **inhibiting milk** 084174
Mitotic inhibition & chromosome damage p- 087051
related compounds & **inhibition** of **mixed** fu- 090191
Inhibition of **muscle** growth in foetal sheep. 084207
Sugar **nucleotide inhibition** of UDP [uridine 087976
factor in spermatozoa **inhibiting ovarian** ma- 084793
Varnishes & fire **inhibiting paints** for protec- 086164
transmission by Myzus **persicae inhibited** by 089368
Inhibition of **photophosphorylation** without 087950
Polycation inhibition of chloroplast photosy- 087275
possibilities of **inhibiting** this **process.** 092339
Inhibition of **protein** synthesis in meiotic ce- 086768
cells of barley: **Inhibition** of **protein** synthes- 087682
phospholipids & question of **renin inhibition** 084116
Inhibition of **ripening** & indole-3-acetic acid 088085
rabies-induced serum factor **inhibiting Rous** 085393
Inhibition of **seed** germination by secondary 088114
of novel tumor-**inhibitory sesquiterpene** lact- 087425
Inhibition of **sexual** response in males of mo- 090690
a peptidic factor in **spermatozoa inhibiting** 084793
inocula required to **inhibit staphylococci** in 083314
quantitative description of **inhibition** of **stem** 088178
On presnece of **inhibiting substances** in mus- 082865
Sulphite inhibition of ATP [adenosine triph- 089541
Effects of protein **synthesis-inhibiting** antibi- 090511
leukocytes. III. migration **inhibition test** as 085309
elucidation of novel **tumor-inhibitory** sesquit- 087425

INHIBITORS

by protein synthesis **inhibitor actidione.** 087100
Alpha-**amylase inhibitors** in Triticum aestiv- 087819
Allogibberic acid: an **inhibitor** of **flowering** in 087520
identification of a **growth inhibitor** in tung 087220
Growth inhibitors in leaves of Abies sachali- 088274
Growth inhibitors from etiolated leaves of b- 089853
Mitrification inhibitors & slow-release nitro- 091916
Study on **nitrification inhibitors.** 2; injurious 089573
nucliotide **phosphodiesterase inhibitors** on e- 084798
Polymerization inhibitors for polyunsaturat- 083623
egg white. I. Effect on **proteinase inhibitors.** 082668
acid] osidase & **inhibitors** from **single** & dou- 088062
Sn controls a graft-**transmissible inhibitor.** 087955
electrophoretic studies of **trypsin inhibitors** 087696

INJECTION

spacing & depth of **injection** of **anhydrous** 091804
American elms with soil-**injected benomyl,** 089194
Lactational performance **following injections** 084231
Effect of **intrauterine injections** of iodine so- 084273
On tolerance of **injectable iron** compounds. 084087
by dose & time of **injection** of **oxytocin.** [C- 084226
Infertility in female guinea **pigs injected** wi- 084797
vitamin E **injections** in **prevention** of white 085689
Effects of **single injections** of progesterone 084208
normal pig & after **subarachnoid injection** of 084376
intracutaneous & **subcutaneous injections** of 085477
A new trunk **injection technique** for systemic 089233
in Ornithodoros moubata **ticks injected** into 090294
in laying pauses to **Vetoestrol injections;** a 084194

INJURY

of straw producing crops & **injuries** to them 089483
in urban areas. [Plant **injuries, air** pollution 089475
of lower urinary tract **injuries associated** wi- 085768
hormone analogues on **certain injurious** & b- 089909
Chilling injury of stored limes & grapefruit 083743
Chilling injury in green banana fruit: chang- 089514
Winter **cold injury** to fruit nursery stock. 089473
Injurious effects of carbohydrates in nutriti- 084447
nitrification inhibitors. 2; **injurious effects** of 089573
subsequent results of winter **freeze injury** on 089536

on young winter wheat. [**Frost injuries**]. 089528
Management of **head injury** patient. [Veteri- 085770
in relation to **injury, indoleacetic** acid, & et- 087849
on control of Scolytidae, **injurious insect** pe- 090158
Ozone injury in potato variety trials. 089554
Management of head **injury patient.** [Veteri- 085770
in urban areas. [**Plant injuries,** air pollution 089475
of air quality. [Pollution, **plant injuries**]. 089505
Pinus taeda, Acer rubrum, **injuries, pollution**] 085824
Air **pollution injury** of potato in Michigan. 089441
Detection of **processing injury** & viability in 083531
s) in irradiated mice. [**Radiation injury**]. 085781
Eight years of **root injury** from water table 089460
maple. [Pinus taeda, Acer **rubrum, injuries,** 085824
Problems on control of **Scolytidae, injurious** 090158
of Eulachnus agilis & **injury** to **Scotch** pine. 090128
Late **summer injury** of Korean Rhododendr- 089440
management of lower urinary **tract injuries** 085768
Grapes & **winter injury.** 089499

INNOVATION

Innovations in **cask** cellar. [Brewing]. 083181
Innovation movement in meat industry. 083436

INOCULATION

possible primary sources of **inoculum.** [Barl- 089056
disease in artificially-**inoculated American** e- 089194
temperature, & **inoculum concentration** to b- 089316
An improved method for **inoculation** of **corn** 089313
Lactic **culture inocula** required to inhibit st- 083314
pine to **inoculation** with **Europhium** claviger- 090108
Inoculation of **legumes** in arid & simi-arid r- 091676
On **inoculation** of **legumes.** [Rhizobium]. 091967
A method of **lentil inoculation** with Fusarium 089292
oryzae by multiple **inoculation method.** 086995
experiment of **inoculating methods** of Rhizo- 089120
of cell walls of lettuce **midribs inoculated** wi- 089328
Effect of **inoculation** on **pattern** of free ami- 088071
studies on effect of borwn **rust inoculation** on 088989
problems on effect of **inoculation** of **soybean** 091718
in calves by two **spaced inoculations.** [Oster- 085340
Spray inoculation of slash pine with Cronart- 089216
susceptible (ht) maize **tissues inoculated** wi- 089139
mosaic virus after **inoculation** of **tobacco** lea- 089413
ephemeral fever by **inoculation** of **virus** into 085256

INORGANIC

Inorganic cations in Allium cepa roots. Intr- 086812
of effects of high levels of **inorganic lead** on 090369
on absorption of **inorganic nutrients** by plan- 087468
Effect of **inorganic nutrients** on water econ- 088300
calcium, magnesium, & **inorganic phosphorus** 084160
Soil **inorganic polyphosphates** of microbial 091693
between organic polymers & **inorganic soil** 091593

INSECTICIDES

Bioactivity of **insecticides.** 089762
emulsifiable concentrates. [**Insecticides**]. 089780
Our **insecticides.** 089815
Heteroptera) to some new **insecticides.** [Ca- 089822
gossypii to systemic action of **insecticides.** [089879
greenhouse; 1972 suggestions for **insecticide** 090002
bed bug, Cimex lectularius L. to **insecticides** 090235
Effects of **insecticides.** [Environment]. 090333
Plant for formulations of **insecticides.** 090336
Effects of **insecticides.** [Environment]. 092360
bases in application of **insecticidal aerosols** 089834
effective **insecticide against** ticks. 089847
Synergism of different **insecticides against** 089877
evaluate effect of certain **insecticides against** 089883
of experimental **insecticides against** tobacco 089962
of application of **agricultural insecticides.** 089818
determination of traces of **insecticides** in **air** 090406
active agents. [**Insecticides application**]. 089777
Burley tobacco with soil-**applied insecticides** 089969
contact toxicity of ten **insecticides applied** to 090125
contact toxicity of ten **insecticides applied** to 090126
Field tests with **insecticides** for **boll** worms 089868
phosphatic & **carbamate insecticides** in cont- 089973
on residue analysis of **carbamate insecticides** 090399
to evaluate effect of **certain insecticides** aga- 089883
Interaction of **chemical insecticides** in susce- 089874
Flowable with **insecticides** used in **chemical** 089882
resistance to **insecticides** & **chemical** compos- 089892
thuringiensis HD-1 & **chemical insecticides** 089960
Bacillus thuringiensis & **chemical insecticides.** 090012
Aretit, a herbicide & **insecticide** & **compound,** 089978
of emulsifiable **insecticides concentrates.** 089779
evaluation of new **insecticides** for **control** of 089866
field evaluation of **insecticides** for **control** of 089870
Greenhouse studies on **insecticidal control** of 089966
other **insecticides,** for **control** of tobacco bu- 089970
Residual effect of **insecticides** on **cotton** leaf 089885
Synergism of **different insecticides** against 089877
Efficiency of **insecticidal dusts** in controlling 090182
Tests on **insecticidal effect** of plant ecolyso- 089802
Tetrachlorvinphos, & **effective insecticide** ag- 089847
formulation of **emulsifiable insecticides** conc- 089779
Effectiveness of **experimental insecticides** a- 089962
in filial generations **following insecticidal** tr- 089808
Sensitivity to **insecticides** to **full**-grown larv- 089887
food inspection. 6. [**Insecticides, fungicides,** 082872
spray applications. [**Insecticides, fungicides**] 089246
sugar beet seed. [**Fungicides, insecticides**]. 089258
spray applications. [**Insecticides, fungicides**] 089829
sugar beet seed. [**Fungicides, insecticides**]. 089946
Field tests with some **granular insecticides** f- 089878
application of **granular insecticides** for cont- 090034
Insecticides, their **hazard** & control. 090382
active chemicals. [**Insecticides, herbicides**]. 089587
poisoned by **hydrocarbon insecticides.** [Rat 090234
detection of this **insecticide** in **intoxicated** i- 089826
methods of application of **insecticide** on **IR.** 087791
Effect of weather on a **microbial insecticide.** 090137
Organochlorine insecticides as a criterion of 082754
by micro-t.l.c. [**Organochlorine insecticides**] 089823
Organochlorine insecticides as a criterion of 090328
Organophosphate insecticide resistance leve- 089961
with some **organophosphorus insecticides.** 089821
Residue of **polychloric insecticides** in fat of 082849
Wildlife profession & **biocides,** a **position** & 090305
of investigations on **insecticides produced** in 090267
Field performance of **promising insecticides** 089963
A new **biocide** for **protection** of produce in s- 082871
determination of **insecticide residues** in bee 082860
Insecticide residues on 1971 U.S. tobacco p- 082888
determination of **insecticide residues** in bee 090365
Insecticide residues on 1971 U.S. tobacco p- 090384
of heptachlor. [**Insecticide residues**]. 090390
Organophosphate **insecticide resistance** leve- 089961
Insecticide resistance in green peach aphid 090096
Influence of some **insecticides** on **Rhizobium** 089841
seed treated with various **insecticide seed** dr- 089976
Investigation & use of **selective insecticides** 089986
Resistance to **insecticides** in **SKA** strain of 090278
Influence of **insecticides** on some **soil** patho- 089803
Effect of **soil insecticides** on cotton plants. 089863
with granular, **systemic insecticides** on Cam- 090014
Insecticide toxicity to honey bees. 090317
production affected by **insecticide treatment** 082714
generations following **insecticidal treatment** 089808
Insecticide treatment to reduce loss in yield 089898
melolontha) by **insecticide treatment** in flig- 089965
beet seed treated with **various insecticide** se- 089976
Development of a **viral insecticide:** concept 089890
of traces of **insecticides** from **water** on polye- 090405

INSECTIVORES

Insectivorous birds control Plusia larvae inf- 089894

INSECTS

control by sterile male technique. [**Insects**]. 089769
of action of chemosterilants on **insects.** [Pes- 089771
use of nematodes in biocontrol of **insects.** [P- 089783
on effects of plant ecolysones on **insects.** [I- 089801
based catalog ov viral diseases of **insects:** a 089811
of mechanical shock on chemistry of **insects.** 089825
Spider mites & **insects.** [Soybeans, pests, Te- 089858
effect of these varieties on biology of **insect.** 089954
potter's tower against some fores t **insects.** 090134
of stored agricultural products. [**Insects**]. 090216
Marmota monax, in Indiana. [**Insects**]. 090232
of neuromuscular transmission in **insects:** eff- 090437
of honeydew producers. [**Insects**]. 090473
in internal media of animals. [**Insects**]. 090489
studies on luminosity of colouring of **insects.** 090538
Oogenesis. [**Insects**]. 090579
Polyembryony in **insects.** 090581
of spatial patterns in integument of **insects.** 090585
chemistry of hormones in mutation. [**Insects** 090634
Hormones in growth of **insects.** 090635
embedding for serial sections of **insects.** 090736
of mechanical shock on chemistry of **insects.** 090769
control of diapuase in an **insect:** theory of in- 090784
Species of Carabidae (**Insects:** Coleoptera) in 090897
There is a difference between ticks & **bugs.** 090976
lava tubes, 1. Introduction. [**Insects**]. 091019
Mites living on **insects** from **Africa** (Acari, 090880
Recognition & life history of **insect** & **allied** 090227
of agricultural products. [**Insects, aluminum** 090187
Development of **apterygote insects.** 090582
Coleoptera) in University of **Arkansas insect** 090897
seeds: A chemical barrier to **insect attack.** 090083
Studies on **insect bacteriolytic** enzymes. I. 090520
On susceptibility of **bed bug,** Cimex lectular- 090235
Rumen Protozoa **big bugs.** [Fermentation]. 084129
Seasonal control of **insects** on **Burley** tobac- 089969
control prospects of major **cabbage insect** p- 090053
Today's view on **chemical insect** control. 089846
Insect chemosterilants: gas chromatography, 090245
Bionomics & control of lawn **chinch bugs.** [090005
Chinch bugs or Blissinae of South Africa (090957
On susceptibility of bed **bug, Cimex** lectular- 090235
recommendations for **insects** on **commercial** 090002
attack at Silkeborg, 1972. [**Conifers, insect** 090118
Dr. Herbert Rauscher. [**Insect control**]. 087226
enzymes. [Bbiological **control, insects**]. 089758
in agriculture & forestry. [**Insect control**]. 089781
plant ecolysones on insects. [**Insect control**] 089801
Garden **insect control** without synthetics. 089844
Today's view on chemical **insect control.** 089846
arrangement for cotton **insect control.** 089900
Pathogen mixtures to **control insect** pests. 089992
Insect control for vegetable gardeners. 090056
Nitidulidae) [Stored products, **insect control**] 090184
in agriculture & forestry. [**Insect control**]. 092345
of insecticidal aerosols for **controlling insect** 089834
Spraying schedule for **controlling insect** pes- 090077
control of some early season **cotton insects** 089866
Nozzle arrangement for **cotton insect** control 089900
Sperm utilization in female red **cotton bug.** 089923
of chemicals for control of **cotton insects** in 089959
evaluated in field tests against **cotton insects.** 089964
Chemicals for control of truck **crop insects** 089463
beauvericine, on cells of **insects cultivated** in 090421
use in detecting simulated **insect defoliation** 089918
flying activity of **insects** by **detecting** static 090662
Role of hormones in **insect development.** 090587
Inhibition of **insect development** by simulta- 090707
in corn & soybeans weeds, **insects, diseases** 089432
Studies on **insect dormancy.** I. Physiology of 090502
Construction of an oven for **drying insects.** 090444
Physiology of **insect ecdysis.** III. Relationsh- 090671
Causal analysis of **insect embryogenesis.** 090584
response of glycerol **extracted insect** fibrillar 090724
of action of birds on **insect fauna** of forest & 089792
Distribution of **insect fauna** & foodchains in 090562
Origin of **insect fauna** of Bonin Islands from 091013
Bionomics & control of root **feeding insect** 089776
of glycerol extracted **insect fibrillar** muscle. 090724
of Wurzburg University. [**Forest insects**]. 085873
First fifteen years of Southern **Forest Insect** 090120
of Wurzburg University. [**Forest insects**]. 090834
Subfossil **forest insects** from Piilonsuo Moor 090870
Forest insect pests in Korea. (Supplement I 091031
Ants. 6th ed. [**Formicides, insect** pests]. 090270
Garden insect control without synthetics. 089844
Rearing Lygus [hesperus] **bugs** on **green** be- 090659
Effects of an **insect growth** regulator with h- 089999
processes of **haematophagous insects.** IV. Se- 090496
of acephate & diazinon to **harlequin bugs** on 090035
Development of **hemimetabolous insects.** 090583
Development of **holometabolous insects.** 090580
synthetic materials with **insect hormone** act- 090230
between nematodes & their **insect hosts:** a r- 089784
Household insect pests & their control, 13th 090210
Argentine ant. [Iridomyrmex **humilis, insect** 089819
dioxide for control of an **insect infestation** in 090201
on control of Scolytidae, **injurious insect** pe- 090158
of this insecticide in **intoxicated insects.** 089826
Fruit & Tree Nut **Insects Investigations,** Fr- 090180
density of three **lepidopterous insects** in Up- 090816
polyhedrosis viruses of **lepidopterous insects** 091178
Hibernation of tarnished plant **bug Lygus** r- 089947
deposits of aerially sprayed **insect microbes.** 090135
Control of **insect & mite** pests of commercial 089843
Infestations by **insects & mites** in forests & 090147
Laboratory colonies of **insects, mites** & ticks 090486
activities at Dried Fruit & Tree **Nut Insects** 090180
Insect oogenesis with & without lampbrush 090601
dynamics of some **orchard insects.** 089982
activity in nurse cells of **insect ovary.** [Calli- 090594
Control **painted bug** for more yield of crucif- 090075
melanization of some **insect parasites.** [Pests 089787
phenotate) for control of **parasitic insects** of 082850
Identification of **insect parasitic** nematodes: 089788
phenotate) for control of **parasitic insects** of 090208
Experimental studies in **insect parsitism.** X- 090775
What is new in control of **peach insects.** 090073
Ecology & control of **Pentatomidae, insect** 089848
between trophic interactions of **insect pest-** 089478
Genetic methods of **insect pest** control. 089814
Rape & its **insect pest** problems. 089931
Lepidoptera, Gelechiidae), a new **insect pest** 089981
between trophic interactions of **insect pest-** 090238
Lepidoptera, Gelechiidae), a new **insect pest** 090868
at USDA's biological control of **insect pests** 089764
their application. [**Insect pests,** biological c- 089770
Toxity of chemosterilants. [**Insect pests,** bio- 089773
control of root feeding **insect pests:** grubs & 089776
carpocapsae Weiser: a review. [**Insect pests,** 089786
blackburni in Arizona. [**Insect pests,** biologi- 089810
ant. [Iridomyrmex humilis, **insect pests**]. 089819
aerosols for controlling **insect pests.** 089834
control of Pentatomidae, **insect pests** of rice 089848
A summary on **insect pests** of sugarcane. 089860
on yield of Swedish turnips. [**Insect pests**]. 089991
Pathogen mixtures to control **insect pests.** 089992
polyethylene films on two **insect pests** of s- 090013
prospects of major cabbage **insect pests** in 090053
schedule for controlling **insect pests** of citrus 090077
Erionota torus, a new species of **insect pests** 090085
control of Scolytidae, injurious **insect pests** 090158
No practical control for some **insect pests.** 090186
Household **insect pests** & their control, 13th 090210
Control of **insect pests** in stored products in 090215
collected in Florida. [**Insect pests,** man]. 090257
Ants. 6th ed. [Formicides, **insect pests**]. 090270
Two **bug pests** of bats occurring in Mexico. 090277
A summary on **insect pests** of sugarcane. 090934
Forest **insect pests** in Korea. (Supplement I 091031
at Silkeborg, 1972. [Conifers, **insect pests**] 090118
energy turnover of **phytophagous insects** in 090150
Hibernation of tarnished **plant bug** Lygus r- 089947
Effect of **insect pollination** on seed onion, w- 088081
Insect pollination--significance & research n- 091073

Effect of **insect pollination** on seed onion, w- 091168
pratense L. seed. [**Insect pollinators**]. 091209
behaviour of winged **insect populations** in sa- 090758
How to send **prepared insects** without dang- 090443
Nitidulidae) [Stored **products, insect** control 090184
Ontario. XLVII. **Insects reared** from galls 090143
observations on **insects** of **Redmond's** Pond. 090542
New studies on **insect resistant** packages. [090178
Rothamsted insect survey: fourth report. 091026
Neuroptera in **Rothamsted insect** survey, 19 091027
to fighting disease & **scale insects** with che- 089531
Polarity of **insect segment.** II. Non-specifity 090479
use in detecting **simulated insect** defoliation 089918
yield of sorghum caused by **sorghum insects** 089898
assessing deposits of aerially **sprayed insect** 090135
for avoiding calamities of **insects** in **stands** 090162
Insect sterilization by irradiation. [Pests, bi- 089772
Study on influence of **sucking insects** on ear- 089994
Rothamsted **insect survey:** fourth report. 091026
Neuroptera in Rothamsted **insect survey,** 19 091027
penetrate into body cavity of **test insects.** 090411
of ectoparasites of poultry. [**Insects, ticks,** 090272
of several foliage-feeding **tobacco insects.** [089967
A battery driven light source. [**Insect traps**] 090555
of pollen on bodies of **insects visiting** apple 090654
control in corn & soybeans **weeds, insects,** d- 089432
Ecological behaviour of **winged insect** popul- 090758
years of Southern Forest **Insect Work** Conf- 090120

INSEMINATION

factors at **insemination** which may **affect** co- 084854
Artificial insemination. [Dogs]. 084752
return to swine **artificial insemination.** 084813
Artificial insemination of swine in Netherla- 084830
from four years of **artificial insemination** of 084886
Artificial insemination in turkeys & investig- 084890
ganders, in aspect of **artificial insemination.** 084898
ganders, in aspect of **artificial insemination.** 084899
inquiry on **artificial insemination** in world. 084910
Reproduction & **Artificial Insemination.** 084931
Subvention of **artificial insemination** of cows 084948
in practice of **artificial insemination.** 084958
rationality in **artificial insemination.** [Livest- 084976
Artificial insemination as a means to impro- 084977
Artificial insemination. [Honeybees]. 091114
Insemination with **deep** frozen sperm in view 084961
of exogenic oxytocin on **first insemination** r- 084905
Intrauterine insemination with frozen semen 084891
station for instrumental **queen insemination:** 091069

INSERTION

in description or **inserting** of new **species** of 086594
Histological studies in **insertion** of **tendon** on 084274

INSOLUBLE

Problem of **insoluble antigens** for identificat- 085485
of determination of water-**insoluble nitrogen** 091809
Insoluble phosphate salts as cytoplasmic inc- 086811
on **insoluble polyvinylpyroolidone.** 087222

INSPECTION

is a problem to Iowa packers. [**Inspection**]. 082788
pesticides, 1972 report. [**Inspection**]. 082856
Inspection of **commercial** feeds. 083902
Food industry & **food inspection.** 082709
Analytical methods for **food inspection.** 6. [082872
Inspection & **maintenance** of old silos. 091277
Activity of **market inspection** units in quality 082751
abattoir. [Animal health, **meat inspection**]. 082879
Cherry **origin inspection** & certification pro- 082763
Inspection of **poultry** & poultry products for 082768
Red meat & **poultry inspection:** microbiology 082830
Importance of **inspection** & **sampling** in tea 082869
Revision of **inspection standards** on imported 082578
Inspection of **swine** feed. 083908
Wheat inspection in Argentina. 082398

INSPECTORS

What is expected of a **veterinary inspector** at 082787

INSTABILITY

Cervical **vertebral instability** in dog. 085638

INSTARS

Response of **instars** of **corn** earworm Heliot- 090015
value & variable number of **instars ina** sawfly 090123

INSTITUTIONS

within new frame of **institutions:** report on 082605
waste survey of an **academic institution.** 092327
related **institutional arrangements** in Ganges 092121
Institutional aspects associated with agricul- 082035
funds of agricultural **credit institutions** in As- 082214
agricultural capital. II. **Credit institutions** & 082292
Educational institutions offering horticulture 088680
fowls in Orissa with **institution** of **effective** 085362
requirements of **institutional finance.** 082231
support from **institutional financing** agencies 082128

INSTRUCTION

Basic instructions in handling money--coope- 082295
Cost instruction as a basis for farm planning 082190
Innovative instructional materials for vocati- 081897
Modular instruction in agricultural engineer- 081887
Practical instructions for bringing grassland 088475
Professional instruction in frame of improvi- 081904
Construction & **technology instructions** for 083662

INSTRUMENTS

Instruments using in **gasometric** methods for 087312
Instruments used in **gasometric** methods of 087317
An **instrument** for **measuring** upper stem di- 085903
A **simple instrument** for measurement of dy- 083156
on noodles. I. On **instrument** for **testing** ph- 082835

INSUFFICIENCY

Equine **hepatic insufficiency.** 085737

INSULATION

Utilization of **modern insulating** in animal 091239

INSULIN

experiments. II. Effect of **insulin** & **cortisol** 084659
volatile fatty acids, glucose & **insulin levels** 084596
Effect of **insulin** on **rumen** motility, blood gl- 084187
Insulin secretion in fetal & neonatal sheep. 084099

INSURANCE

workmen's compensation **insurance carried** 082279
procedures as well **possible insurance** of such 082468
Service insurance of motorized equipment. 082304

INTAKE

Acceptable **daily intake** of food additives. 082716
dry wheat straw on feed **intake, digestibility** 084203
Effect of stable flies on **feed intake** & milk 090252
dietary magnesium on voluntary **feed intake** 084589
Food intake regulation: amino acid toxicity 084264
Importance of **grain intake** & storage plants 083642
Milk & **herbage intakes** by grazing lambs b- 084047
Effect of subclinical **lead intake** on calves. 084572
dietary phosphorus & **magnesium intake** in 084552
voluntary **intake measurements** on regrowths 084442
consumption & calorie & **nutrient intake** in 082978
Observations of effect of **protein intake** & s- 084202
of annual characteristics of **intake & specific** 091303
nitrogen on digestibility & **voluntary intake** 084441
their digestibility & **voluntary intake** by she- 084443
Voluntary intake of dry matter by African 084567

INTEGRATION

Hot point for **community integration.** 081907
encountered with **integrated control** progra- 081905
Future possibilities in **integrated control** of 089904
encountered with **integrated control** progra- 089983
Integrated control in fruit culture. [Pests, i- 090024
Integrated control prospects of major cabba- 090053
Fundamental study on **integrated control** of 090054
after **integration** into **mitochondrial** membr- 087369
Integrated pest control in apple orchards: P- 090010
Integrated planning for development of sun- 082562
Plant cultivation & **integrated plant** protect- 088371
Possibilities of **integrated plant** protection in 089582
Integration of **production** effects & social c- 082166

INTEGUMENTS

of spatial patterns in **integument** of **insects.** 090585

INTELLIGENCE

Review of group's **market intelligence** service 082356
June 1973, Meat **trade intelligence.** 082354

INTENSITY

with egg yolks of varying **color intensities** & 082916
Effect of light of **different intensity** on react- 087748
Influence of **drying intensity** on energetic ut- 084059
to changes in **intensity** of **illumination.** 090668
Influence of **light intensity** on internodal re- 087986
cool temperatures at a low **light intensity.** 088049
Influence of **light intensity** & temperature on 090652
Effect of **mashing intensity** on protein comp- 083541
Effect of different **radiation intensities** & wa- 087951
of photosynthesis & **respiration intensity** of 087295
of population size & **selection intensity** on c- 084819
by leaf maturity & **shade intensity.** 088123
on oral viscosity & basic **taste intensities.** [083154

INTENSIVE

with development of **intensive agriucltural** p- 092083
their efficiency in **intensive berry** growing. 088658
management of an **intensive care** facility. [V- 085004
Their importance to **intensification** of **cereal** 088388
Intensive cultivation in horticulture, 1972. 088911
Approach to **intensive culture** & forest tree 086041
kernel-fruit trees in an **intensive culture.** 087185
Intensification of **dairy** cattle industry on st- 082666
Intensification of **drying** process of sugar be- 083878
Intensive farming in Te Anau Basin. 082158
fatty acid changes in calves **fed intensively** 084113
on feed utilization of **intensively fed** lambs. 084425
of optimization of **intensive fertilizer** use on 091956
Results in conversion to more **intensive field** 088813
emulsion--a measure to **intensify field** veget- 091884
Forest utilization & **intensification** of **forest** 085982
of trace elements to **further intensification** of 084474
of feeding dairy cattle in **intensive hay** past- 084513
of effectiveness of **intensifying horticulture** 082289
Methods of **intensification** of **livestock** prod- 082167
organisation, **intensive management.** 082185
animals in relation to **intensive methods** of 084694
On diversifying of **intensive methods** for pr- 086062
Pathological physiology of **intensive milk** c- 085761
for intensive & semi-**intensive orchards.** 088615
Germany: extensive **organisation, intensive** 082185
activity in **intensification** of **production.** [M- 083410
Apple rootstocks for **intensive** & **semi**-intens- 088615
farms in further **socialist intensification** of c- 082124
of work & **socialist intensification** in plant p- 082146
bases for breeding varieties of **intensive-type** 087159

INTERALLELIC

SEE ALLELE

INTERCELLULAR

SEE CELLS

INTERCHROMOSOMAL

SEE CHROMOSOMES

INTERCONVERSION

of tetrahydrofolate **interconversion enzymes** 087102
of tetrahydrofolate **interconversion enzymes** 087103
Interconversion of **gibberellin** A5 to gibbere- 088144

INTERCROPPING

studies on **intercropping** in **pineapple.** 082063
Bisagi moong, a **profitable intercrop** in suga- 088373

INTERGOVERNMENTAL

SEE GOVERNMENT

INTERMITTENT

combined with **intermittent light** stimulation 085046

INTERNODES

Isoperoxidase pattern & **internode length** g- 088130
of light intensity on **internodal response** of 087986

INTERPHASES

on fine structure of **interphase nucleoli** in pl- 088017

INTERPLANTING

methods of **interplanting** of **sweetpotato** sec- 088608

INTERRELATION

Interrelations of **cedar** & deciduous trees in 086622
Interrelation between **cellulase** activity & h- 091782
Functional interrelationships of substructures 090738
Interrelationship between **morphological** & 087902
Nutritional interrelationships among vitamin 084601
Water regime & **interrelations** of **timber** spe- 086623
Interrelationships between some **traits** perta- 084108
genetics & **interrelationships** of **yeild** & its 088419

INTERSEX

Whose presence **accompanies intersexuality** 090415

INTERSTITIAL

of interchange & **interstitial segments.** [Corn 087053

INTERVERTEBRAL

Surgical therapy of **intervertebral disc** disea- 085012
for thoracolumbar **intervertebral disk** fenest- 085049

INTESTINES

Intestinal absorption of phosphate in chick: 084263
as suture materials in **intestinal anastomosis** 085081
crude protein level on **intestinal & cecal** coc- 084472
cellular renewal in **intestine** of **chickens** foll- 085404
Intestinal defence in young pig: a review of 084350
Gastro-**intestinal diseases** of swine. 085438
Permanent **intestinal fistulae** for study of di- 084315
Permanent **intestinal fistulae** for studies on 085129
agents of Escherichia coli in **intestinal flora** 085490
fatty acids & bile acids in **intestine** of **laying** 084261
effect of acid in **intestine** on **rumen** motility 084221
Globidium leuckarti in **small intestine** of th- 085294
mucosal dimensions in **small intestine.** 085310
proteins of middle **intestine** of **Tenebrio** mol- 090678
their passage through **intestinal wall** & mov- 082697
cholinesterase in **intestinal wall** of rabbits & 084032

INTOXICATION

attributed to **acute intoxication** with poison- 085806
Intoxication with **ammonia** of guinea fowl of 085789
Intoxication of **mink** with Digitalis purpurea 085788

INTRACELLULAR

SEE CELLS

INTRACEREBRAL

SEE BRAIN

INTRACHROMOSOMAL

SEE CHROMOSOMES

INTRACUTANEOUS
SEE CUTANEOUS

INTRACYTOPLASMIC
SEE CYTOPLASM

INTRAGENERIC
SEE GENERIC

INTRAGENIC
SEE GENES

INTRANASAL
SEE NASAL

INTRANUCLEAR
SEE NUCLEAR

INTRAUTERINE
SEE UTERUS

INTRAVENOUS
betamethason after **intravenous application.** 084309
use of **intravenous neuroleptanalgesia** in can- 085115

INVASION
histochemical changes **following invasion** of 085359
aspen groves & their **invasion** into **grassland** 086662
Progression of **invasion** of **markets** towards 082331
Radeverm on lambs **naturally invaded** by ta- 085556
Parasitic invasions of alimentary tract of br- 085429
Penetration & **invasion** of **sunflowers** by Scl- 089025

INVENTORIES
Depreciation of **inventory.** [Equipment]. 082197
An **inventory design** using stand examinatio- 085985
in mapping & **forest inventory** in Turkish fo- 085917

INVERSION
Effect of **curly inversions** on meiosis in Dro- 090628
frequencies) in **inversion** 5083 at **early** syni- 087046
for an **inversion** & an **interchange.** 087061
Can **inverted nipples** be functional? [Swine] 084328
heterozygous for two **pericentric inversions.** 087062
regions within **inversion** 5083 & **proximal** to 087047

INVERTASE
Invertase activities during germination of ba- 083554

INVERTEBRATES
Invertebrate movements & some diel & seas- 090760

INVESTMENTS
When is a salary an **investment?** 082257
Investment activities depend on wood volu- 085952
a conception of **agricultural investment** build- 082305
On effectiveness of **investments** in **basic** & c- 082281
prognosis--**investment calculations.** 082258
Assessment of **investments** for **flood** control 092183
Statistics, production & **investments** in **food** 082494
Foreign investment in Australia's natural re- 092366
estimation on **investment limitation** for swi- 082201
What is return on **investment** for **nutrient** l- 082742
decision making for **investments** to **render** f- 085922

IODIDE
I. Identification of **methlymercuric iodide** & 082777

IODINE
upon shapes of **amperometric iodine,** titrati- 083564
Note on determination of **iodine numbers** of 083270
Radio-iodine (131 I) uptake by thyroid gland 084554
of intrauterine injections of **iodine solution** 084273
Absorption of **iodine** into **starch** granules in 083216
Reduction of **iodine transfer** to milk of cows 084233

IODIZATION
Stability in **iodized mixtures** for animal nutr- 084407

IONIZATION
of fruits & vegetables by **ionizing radiation.** 083802
Effect of **ionizing radiation** on chemical mut- 086952
aestivum L.) induced by **ionizing radiation.** 087753
Effect of **ionizing radiation** on chemical mut- 088067
purposes under effect of **ionizing radiations.** 083066

IONS
Studies on mineral **ion absorption** by plants. 088864
Assessing ion leakage from apple fruit tissue 088052
Effects of fibre length & **calcium ion** concen- 090724
effects of hydrogen **ions, carbon** dioxide, & 088170
on calf starters. I. PH [**Chydrogen-ion** conc- 084550
Changing pH [hydrogen-**ion concentrates**] f- 091630
pH [hydrogen-**ion concentration**] on growth 082819
of pH [hydrogen-**ion concentration**] on aflat- 083380
What does hydrogen-**ion concentration** state 083424
slaughter pH [hydrogen **ion-concentration**] 083465
of lactose, pH [hydrogen-**ion concentration**] 083535
longissimus pH [hydrogen-**ion concentration** 084216
material, pH [Hydrogen **ion-concentration**] 084370
I. PH [Chydrogen-**ion concentration**], amm- 084550
Effects of pH [hydrogen-**ion-concentration**], 084873
Values of pH [Hydrogen-**ion concentration**] 085801
for pH [hydrogen-**ion concentration**] tolera- 086916
On hydrogen-**ion concentration** dependence 087949
induced pH [hydrogen-**ion concentration**] c- 087950
by pH [hydrogen-**ion concentration**] & Mg 088228
Effect of pH [hydrogen **ion-concentration**] 089660
of fibre length & calcium **ion concentration** 090724
Optimum pH [hydrogen-**ion concentration**] 091094
methods of pH [hydrogen-**ion concentration** 091551
PH [hydrogen-**ion concentration**] dependent 091601
liquor pH [hydrogen-**ion concentration**] os- 084113
Significance of **ionic concentrations** in inter- 090489
Effect of **copper ions** on catalase activity of 087296
Report on 2nd working session: **ion exchange** 091608
study of a zincon **ion exchange** method for 091808
operation on CM-sephadex **ion exchanger.** 082736
Use of synthetic **ion exchangers** to increase 091976
of light-induced hydrogen **ion gradient** in sp- 087949
hypocotyl with spermidine & **high ionic** stre- 088155
Effect of temperature & pH [**hydrogen-ion** 082819
Influence of pH [**hydrogen-ion** concentration 083380
What does **hydrogen-ion** concentration state 083424
Post-slaughter pH [**hydrogen ion**-concentrat- 083465
I. Effects of lactose, pH [**hydrogen-ion** conc- 083535
Rumen liquor pH [**hydrogen-ion** concentrati- 084113
M. [musculus] longissimus pH [**hydrogen-ion** 084216
phosphorus carbondioxide] pH[**hydrogen-ion** 084252
Lactate, pyruvat, glucose & **hydrogen ions** in 084367
fluid food material, pH [**Hydrogen ion**-conc- 084370
Effects of pH [**hydrogen-ion**-concentration], 084873
Values of pH [**Hydrogen-ion** concentration] 085801
Breeding for pH [**hydrogen-ion** concentrati- 086916
dependence of light-induced **hydrogen ion** gr- 087949
of light-induced pH [**hydrogen-ion** concentra- 087950
Comparative effects of **hydrogen ions,** carbon 088170
carbon metabolism by pH [**hydrogen-ion** co- 088228
Effect of pH [**hydrogen ion**-concentration] 089660
Optimum pH [**hydrogen-ion** concentration] 091094
of methods of pH [**hydrogen-ion** concentrati- 091551
PH [**hydrogen-ion** concentration] dependent 091601
Changing pH [**hydrogen-ion** concentrates] f- 091630
Assessing **ion leakage** from apple fruit tissue 088052
of polymer complexes with **metal ions.** 086119
VII. About influence of some **metal ions** on 086207
Ionic migration & weathering in frozen anta- 091752
Studies on **mineral ion** absorption by plants. 088864
Effect of benzimidazole & **nickel ions** in con- 087827
between Rubidium & **Potassium ions** in their 087761
Localised movement of **potassium ions** in soil 091609
on vertical transport of **potassium ions** in so- 091611
water content on uptake of **ions** by **roots.** I. 088083
Use of a sulfide **ion selective** electrode to st- 087663
of batch operation on CM-**sephadex ion** exc- 082736
in relation to transport of **ions** into **stele.** 086818
with spermidine & high **ionic strength.** 088155
Use of a **sulfide ion** selective electrode to st- 087663
Use of **synthetic ion** exchangers to increase 091976
Influence of chilling on **ion uptake** by roots. 087646
Ion uptake by slices from greening etiolated 087854
New collaborative study of a **zincon ion** exc- 091808

IPOMOEA
Melothria leucocarpa, **Ipomoea barlerioides,** 086438
of sweet potato plants, **Ipomoea batatas** Poi- 088215
Harter on sweet potato (**Ipomea batatas,** L- 089101
L. Lepidoptera: Danaidae. [**Ipomoea bona**-n- 089836
Toxicity to goats of **Ipomoea carnea.** 085799
d-quinovoside from **commercial Ipomoea** pu- 087517
of gibberellic acid. [**Ipomoea purpurea**]. 088209
of wild type plants in **Ipomoea trifida** (H.N 088216

IRIDACEAE
in seeds of some Liliaceae & **Iridaceae.** 088134

IRIDOMYRMEX
Argentine ant. [**Iridomyrmex humilis,** insect 089819

IRISES
Work of amateurs. [**Iris**]. 088638
Iris on **parade.** 088651
Variety trials with **Iris sibirica** L. 1969-1971 088919

IRON
Fe[**iron**] status of Brunisolic & related soil 091552
Use of oxalate for Fe [**iron**] extraction from 091559
Distribution of **iron, chlorophyll,** ant heme 087695
On tolerance of injectable **iron compounds.** 084087
A study on **iron content** in leaves & roots of 087928
subcellular distribution of **iron & coppe** r in 084029
Synergism of **iron & copper** in process of ab- 082902
soil complex. [Zinc, manganese, **copper, iron**] 091605
Iron-deficiency anemia in mink fed raw mar- 085673
Study of **iron deficiency** in peach, almond tr- 087994
Incidence & control of **iron deficiency** chlor- 089477
concerning absence of **iron** from **diet.** 083000
Absorption & **iron displacement** in young p- 087993
Value of **dual iron**-treatment & iron-overload 084614
power of compounds of **iron** with **flavin** nucl- 088030
Iron-fortified syrup blends: preparation, cha- 083613
of copper & **iron** in **heterotrophic** phase of 087983
On tolerance of **injectable iron** compounds. 084087
Value of dual iron-treatment & **iron-overload** 084614
protective effect of oral or **parenteral iron.** 085691
A typical **iron plant:** Urtica dioica. 087250
Redox potentials of two-**iron plant** & algal f- 087255
Effects of **iron salts** & other looseners on fr- 087938
Value of dual **iron-treatment** & iron-overload 084614
A **typical iron** plant: Urtica dioica. 087250
Utilisation of **iron** through **variable** copper 084434
Direct dosage of **iron** in **wine,** tomato juice 083757
Determination of **iron** in **wine** by means of f- 083817

IRRADIATION
fish meal sterilisation by gamma-**irradiation** 083911
rat liver chromatin by gamma-**irradiation.** 084311
in dogs & horses treated with x-**rays.** 085777
irradiation of cotton seeds with gamma **rays** 086848
oats with chemical mutagens & gamma **rays** 086942
to chemical mutagens & gamma **rays.** 086962
of irradiation of pea seeds with gamma **rays** 087160
with radiation of seeds with gamma **rays.** 087168
in relation to dose of gamma **irradiation.** 087653
with different sensitivities to **irradiation.** 087658
of irradiation of pea seeds with gamma **rays** 088210
after pre-treatment with gamma **rays.** 089447
Insect sterilization by **irradiation.** [Pests, bi- 089772
after elevated temperature & X-**rays.** [Mela- 090629
variety Tachima-wase induced by X-**rays.** 087007
Longevity of gamma-**irradiated adults** of Pi- 089980
from Colchicum cornigerum: X-**ray analysis** 087349
on texture profile of **irradiated carrots,** beets 083800
Irradiation of **chicken** egg white. I. Effect on 082668
in ultraviolet-**irradiated Chlamydomonas.** [087471
induction in rice by gamma-**rays combines** w- 087147
zygote from **irradiation** of **cotton** seeds with 086848
An X-**ray crystallographic** study of alpha-a- 087433
on Pteris vittata L. II. X-**ray effects** of gam- 087130
melanogaster after **irradiation** of **embryos** & 090531
effect of gamma-**ray** action & **ethyleneimine** 086762
Packaging aspects of **irradiated flesh** foods: 083148
Irradiation of **food.** 2. 083012
materials for packaging of **irradiated foods.** 083137
of sucessively **irradiated generations** of Trib- 090204
in aggregates of **irradiated imaginal** disk cel- 090839
Effect of gamma **irradiation** on **inbred** lines 086837
effect of six chemicals against X-**ray-induced** 090741
of acute gamma **irradiation** on **initiation** & 087981
of gamma-**irradiated** & non-**irradiated** soil s- 091599
of barley induced by gamma-**ray irradiation** 086941
after gamma **irradiation** of **larvae.** [Pectino- 089914
to Cesium-137. II. **Irradiation** of **larvae,** pu- 090189
Sugars formed during **irradiation** of **maize** s- 083668
Irradiation as a **method** for improved storage 083692
bovine erythropoietin(s) in **irradiated mice.** 085781
Effect of **irradiation** on **molecular** structure 091187
response curves after **irradiation** of **moths** w- 090059
of formaldehyde & X-**rays** on **mutation** prod- 090528
14-meV **neutron irradiation** of swine; dosime- 084156
induced by gamma **rays** & fast **neutrons** in 087129
effect of gamma-**rays** & **nitrosoethyl** urea on 086946
translocation in case of **irradiation** of **pea** se- 087160
provoked by X **rays** on **ponderal** developme- 090418
of developing chick enbryo by **pre-irradiation** 084385
of barley induced by gamma-**ray irradiation** 086941
of gamma-irradiated & non-**irradiated soil** s- 091599
Irradiated strawberries--chemical, cytogenet- 083776
sensitivity of **sucessively irradiated** generati- 090204
induced by gamma **irradiation** in **sugar** beets 087003
investigation into use of an X-**ray technique** 090207
in sensitivity of X-**irradiation** in **Tribolium.** I 090771
in sensitivity to X-**irradiation** in **Tribolium.** 090772
Effects of **ultraviolet irradiation** on growth of 082815
virus. V. Effect of **ultraviolet irradiation** on 085242
bactericidal effectiveness of **ultraviolet rays** 085589
pyrimidine dimers in **ultraviolet-irradiated** 087471
Influence of **postirradiation washing** on gro- 087575

IRREGULARITIES
Meiotic irregularities in hybrids between di- 086909

IRRIGATION
with various methods of **irrigation.** 088221
Irrigation. [Soybeans]. 088350
channel flow measuring device. [**Irrigation**]. 091381
eliminating losses in relation to **irrigation.** 092000
Determining need of **irrigation.** 092081
Advance in Israel's **irrigation.** 092105
decisions in long aqueducts. [**Irrigation**]. 092149
control of farm channels. [**Irrigation**]. 092154
systems of canals regulation. [**Irrigation**]. 092165
selection of a technique for **irrigation.** 092166
measurement techniques. [**Irrigation**]. 092210
Case studies of desalted water for **irrigation** 092256
with various methods of **irrigation.** 092257
of current of Amu-Darya River. [**Irrigation**] 092262
basin from point of view of **irrigation.** [Yugo- 092249
oxidation pond effluents for **irrigation.** 092270
Fertilizer trials on **irrigated alfalfa** in central 092005
Fiber glass **automatic irrigation** gates. 091359
An **automatic irrigation** system based on qu- 092164
of hydraulic roughness in **irrigation borders** 092208
aquatic weeds in **irrigation canals.** 089711
discharge flow in open **irrigation canals.** 092152

with restructuring of an **irrigation catchment** 091250
for study of **irrigation conditions** on saline l- 092263
Corrugation irrigation. 092253
Salinisation of **costly irrigation** land. 091577
project: Its **irrigation & cropping** strategy. 081974
activity in grass of **cultivated, irrigated,** ferti- 084377
aspects of soil tillage in **irrigated cultures.** 092026
a new method of **irrigation developed** at Pak- 092235
Impact of **irrigation & drainage** on control 090242
synthetic materials in **irrigation & drainage** 091361
demonstration of **irrigation & drainage.** 092079
Development of **irrigation & drainage** in Ba- 092117
gained in Turkey for **irrigation & drainage** in 092129
operations in field of **irrigation & drainage.** 092134
synthetic materials in **irrigation & drainage** 092135
synthetic materials in **irrigation & drainage** 092141
maintenance of **irrigation & drainage** systems 092142
frequency control in **irrigation & drainage** s- 092145
maintenance of **irrigation & drainage** systems 092161
progress in theory of **irrigation & drainage** of 092187
development of **irrigation & drainage** schem- 092189
maintenance of **irrigation & drainage** systems 082582
polyethylene tubing used in a **drip irrigation** 089925
Fertilization with **drip irrigation** for sugarc- 091897
Drip irrigation for horticultural crops; orch- 092233
Drip irrigation a new method of irrigation d- 092235
control-a prerequisite for **efficient irrigation** 092157
Advances in **irrigation equipment.** 091451
of water distribution in **existing irrigation** s- 092148
utilization of **irrigation facilities** & automati- 092160
New design for **fair irrigation** water distribu- 092147
on Winward Oahu. **[Fertilization, irrigation]** 091896
in grass of cultivated, **irrigated, fertilized** pa- 084377
Effect of **irrigation, fertilizer** application & 088909
Field irrigation & drainage in deltaic, coastal 092116
Field irrigation & drainage in deltaic, coastal 092118
Field irrigation & drainage techniques devel- 092124
Field irrigation & drainage in Mouria & Ag- 092131
automatic devices for **field irrigation.** 092159
XI. effect of copper & **flood irrigation** on ap- 089519
Fiber glass automatic **irrigation gates.** 091359
Studies on **irrigation** of **grape** (Vitis vinifera 088888
implications of **greenbelt Irrigations.** 092090
selected crops for Navajo **Indian Irrigation** 082622
ramified sprinkler **irrigation installations** wi- 092140
Interfarm irrigation network of rice systems 092132
Salinisation of costly **irrigation land.** 091577
reclamation status of **irrigated lands** accordi- 092236
Remote control operation of **large irrigation** 092144
level control structures in **large irrigation** c- 092170
cost of a network of **irrigation** under **load** of 082240
of decreasing of number of **maize irrigations** 092247
Consumptive use & **irrigation management** f- 088489
Good **irrigation management** saves rice farm 088502
of cave-in damages of **irrigation network** in 091254
Interfarm **irrigation network** of rice systems 092132
Use of all-plastic **irrigation networks** in Du- 091365
constant discharge flow in **open irrigation** c- 092152
structure of costs of **irrigation operations.** 082213
for efficient **irrigation operations.** 092157
of untraditional way. **[Pastures, irrigation].** 092076
Use of all-**plastic irrigation** networks in Du- 091365
Irrigation problems in connection with deve- 092083
for automation of **irrigation processes** in fix- 091261
crops for Navajo Indian **Irrigation Project** 082622
for drains on Seyhan **Irrigation Project.** 092122
automatic equipment for **irrigation projects** 091370
for site evaluation of **irrigation projects.** 091659
in Indian soils. **[Irrigation, rainfall].** 091635
Influence of rainfall depth & **irrigation rate** 092074
procedure of underground **irrigation realized** 091354
automation of **irrigation & reclamation** syst- 092151
Introduction of **irrigation & related** instituti- 092121
on fertilizer response of **irrigated rice** in Ir- 091991
with forage gorwing under **irrigation & role** 092109
Use of computers in **scheduling irrigations.** 092169
chambers for drains on **Seyhan Irrigation** P- 092122
Depth distribution of salts in **soils irrigated** 091602
execution of **irrigation & spraying** of soils of 092216
of center-pivot **sprinkler irrigation** systems 082308
of clearand waste-water **sprinkler irrigation** 088327
requirements of efficient **sprinkler irrigation** 088659
Sprinkler irrigation of vegetable crops & its 088660
Adequate levels of **sprinkler irrigation** at rai- 088662
Sprinkler irrigation of tulips, 1956/1970. 088920
Sprinkler irrigation for coffee. I. Studies on 088963
citrus grove following **sprinkler irrigation** wi- 089206
situation & trends of **sprinkler irrigation** te- 091347
Sprinkler irrigation of vegetable crops & its 091348
of clearand waste-water **sprinkler irrigation** 092082
requirements of efficient **sprinkler irrigation** 092107
Adequate levels of **sprinkler irrigation** at rai- 092108
Mechanized ramified **sprinkler irrigation** ins- 092140
pressure for large-scale **sprinkler irrigation** 092155
A fixed system of **sprinkler irrigation** with s- 092167
Sprinkler irrigation for coffee. I. Studies on 092211
Sprinkler irrigation of tulips, 1956/1970. 092252
Sprinkler irrigation & why Mendocino likes 092285
Automatic control of **storage irrigation** syst- 092146
operation of large **irrigation structures.** 092144
tubing used in a drip **irrigation system.** [Co- 089925
Experience of Vratza **irrigation system** duri- 091254
An automatic **irrigation system** based on qu- 092164
of center-pivot sprinkler **irrigation systems** 082308
control of storage **irrigation systems** with st- 092146
distribution in existing **irrigation systems.** 092148
for large-scale sprinkler **irrigation systems.** 092155
Influence of **irrigation** on **techniques** & rotat- 092089
trends of sprinkler **irrigation technology** for 091347
Trickle irrigation, its potential for peaches. 092239
on a procedure of **underground irrigation** rea- 091354
land classification for **irrigation, Union** Cou- 091679
Experience of **Vratza irrigation** system duri- 091254
supply, & quality of **irrigation water** on cro- 082211
New design for fair **irrigation water** distribu- 092147
fiberglass tubewell casing. **[Irrigation, wells]** 091368
Province-**wide irrigation** & drainage planning 092123
Some aspects of **irrigation work** exploitation 092238
Effects of nitrogen & **irrigation** on **yield** of f- 088354
of sunflowers in drained & **irrigated zone** in 088520

ISCHAEMUM
habits of some species of **Ischaemum Linn.,** 086458

ISCHNURA
a localized population of **Ischnura elegans** (090819

ISOBUTYL
D-gallactopyranosyloxy)-4-**isobutyl-glutamic** 088151

ISOBUTYRIC
by p-2,4-chlorophenoxy-**isobutyric acid.** 088085

ISOELECTRIC
at alkaline side of their **isoelectric points.** 083656

ISOENZYMES
Malate **dehydrogenase isoenzymes** in divisi- 087544
Changes in **isoenzymes** in **embryo** & endosp- 087818
activity & **isoenzyme patterns** in bovine fetus 084098

ISOLATION
in laboratory animals prior to its **isolation.** 084310
Isolation of an **abscisic**-acid metabolite, 4'-d- 088180
Synthesis of cis-4-alkenoic **acids isolated** fr- 083190
catches of adults in an **isolated agricultural** 090031
Technique of **isolating anaerobic,** gramnegat- 085288
chromatography for **isolation** of **antigenic** fr- 087189
of strains of Mycobacterium **avium isolated** 085432
Isolation & biochemical characteristics of 091672
Effect of **isolation** on **catalase** activity of Si- 087299
Isolation of **cerebroside** from alfalfa leaves. 087704
Isolation & characterisation of hen egg white 083504
IV. **Isolation & characterization** of cottonse- 083661
Isolation & characterization of cyanogen br- 084095
Isolation & characterization of intracellular 084238
Isolation & characterization of a virus assoc- 085278
Isolation & characterization of viruses assoc- 085280
Isolation & characterization of an avian ade- 085377
Isolation & characterization of L-leucineam- 087265
Isolation & characterization of a virus infect- 089424
Isolation of **chemoautotrophic** nitrifiens from 091509
characsertisitcs of an **isolate** from **chickens** in 085270
up procedure for **isolation** of **chlorinated** pes- 082873
oxygen uptake by **isolated chloroplasts.** 087252
in suspension of **isolated chloroplasts.** 087381
luminescences of **isolated chloroplasts** preill- 088124
measurements on **isolated chloroplasts** & in- 088166
resistance among Escherichia **coli isolated** f- 085494
Isolation, culture & regeneration of Petunia 088020
Isolation of a fast **decay** in submillisecond 087272
Isolation of **dehydronerolisovalerat** from An- 087605
Isolation & determination of lanthionine & i- 091175
Isolation of some **diarylpropanoids** from nu- 088110
of protolignin. VIII. **Isolation** of a **dimer** wi- 086178
Isolation of **Escherichaa** coli 0157 from pigs 085313
Isolation of **flavaspidic** acid-PB from Dryop- 087496
Isolation of a **foot**-and-mouth disease carrier 085323
Fungi isolated from gypsy moth. [Porthetria 090133
Isolation of **graft** copolymer from Larix lep- 086201
Isolation of **grayanotoxins** from leaves of A- 087500
strains of Aspergillus flavus **group isolated** f- 088993
Isolation of **head** moulds & assessment of m- 088990
Elimination of hidden **isolated heterozygous** 087079
spleen cells for **isolation & identification** of 085248
Isolation & identification of a growth inhibi- 087220
in soil. II. **Isolation & identification** of micro 091786
by Clostridium sp. **isolated** from **lindane**-am- 091694
Structure of **melittin isolated** from two spec- 091126
lipids released from **isolated metochondrial** 082832
D--Lancefield group) **isolated** from **milk** sa- 082875
oxidative rancidity in **isolated mitochondrial** 082833
formaldehyde fixation of **isolated pea** chloro- 084561
Characteristics of **pectins isolated** from soft 088086
Classification of certain **pediococci isolated** 082778
requirements of certain **pediococci isolated** f- 082779
Classification of certain **pediococci isolated** 083112
requirements of certain **pediococci isolated** f- 083113
B of sucrose transport in **isolated phloem** st- 087335
variation in **isolates** of **Phytophthora** palmi- 089014
Isolation of **plant** cell wall preparations with 087769
Isolation & possible significance of some tox- 090375
selective medium for **primary isolation** of Cl- 085484
Behaviour in culture of **isolated protoplasts** 086809
labeled DNA into **isolated protoplasts** of Pe- 088231
serum albumin into **isolated protoplasts** of 088232
in calli originated from **isolated protoplasts** 088236
Isolation & purification of maize nuclear D- 087804
Quantitative isolation & partial characteriza- 083455
fly control programs in **semi-isolated range** 090248
Characterization of two **reoviruses isolated** f- 085277
face fly control programs in **semi-isolated** r- 090248
Novel **sesquiterpenes isolated** in Compositae 087577
Isolation of **sheep** pulmonary adenomatosis 085575
Isolating soil microorganisms of mobilizing 091772
Pathogenicity of Rhizoctonia **solani isolates** 089118
typing of **staphylococci isolated** from foodst- 082821
Viscerotropism of rabies-like **strains isolated** 085194
Isolation & structure of deoxopinguisone fr- 087485
A bacterium, bacillus **subtilis, isolated** from 083372
Isolation & synthesis of N-methyl-4,7,8-tri- 087617
VII. **Isolation** of d,l-**syringaresinol,** biphenyl 086177
Isolation & transmission of virus of infectio- 085565
Study of a **virus isolated** from Stellaria med- 089369
On **isolation** of **virus** from sewage treatment 092463
Isolation & in **vitro** cultivation of cells of E- 087463
Technique for **isolation** of **Xanthomonas** mal- 089310

ISOMERS
Degradation & **isomerization** of **BHC** [Benz- 090392
pheromone or its **geometrical isomer.** 090690
Synergism of synthetic **mixed isomers** of ju- 090196
Effect of **isomerism** on **rate** of phenol transf- 091699
Maculatin: an **isomer** of **uvedalin** epoxide fr- 087519
Benzene hexachloride] **isomers** in **water.** 090396

ISOPEROXIDASES
Characterization of **isoperoxidase activity** in 087829
for an **isoperoxidase** from **Nicotiana** tabacum 087822
Isoperoxidase pattern & internode length g- 088130
extraction of **isoperoxidases** from **Pisum** sho- 088129
pith & sweet potato **root isoperoxidases** in r- 087849

ISOPODA
laevis Latreille **(Porcellionidae, Isopoda).** 090527

ISOPROPYL
chloroethyl)-N-**isopropyl phosphonamidic** ac- 088063

ISOPROTERENOL
epinephrine, & **isoproterenol.** 084321

ISOPTERA
Termites & their control. **[Isoptera].** 090113
bellicosus (Smeathman) (Insecta: **Isoptera)** 091054

ISOTHIOCYANATES
proteins & **glucosinolate isothiocyanates &** 087830

ISOTOPES
Gramineae as indicated by **carbon isotopic** r- 088321
Isotopic dilution determination of lebaycid 088090
Incorporation of **radio-isotopes** & DNA con- 090430
Behaviour of radioactive & **stable isotopes** of 087568
An **isotopic technique** for measuring autotro- 091517

ISOZYMES
forms of genetically **determined isozymes** of 087038
Isozyme pattern of catalases in developing 087084
banana fruit: changes in **peroxidase isozymes** 089514
alcohol dehydrogenase] **isozymes revealed** by 087076
oxaloacetate **transaminase isozymes** in diplo- 086869

IVY
Ivy (Hedera helix): A natural & cultural sto- 088951

IXODES
Tick control by malathion. **[Ixodes ricinus]** 090293

IXODIDAE
Trapido, & Kohls (Ixodoidea: **Ixodidae),** a 090263
forest carnivores (Ixodoidea: **Ixodidae).** 090264
mageshimaensis sp. n. (Ixodoidea: **Ixodidae)** 090265
insects, mites & ticks in Canada, **[Ixodidae]** 090486
decoloratus (Koch 1844) (Acarina: **Ixodidae)** 090554
Supino, 1897 (Acarina: **Ixodidae).** 090633
Trapido, & Kohls (Ixodoidea: **Ixodidae),** a 090980
forest carnivores (Ixodoidea: **Ixodidae).** 090981
forest carnivores (Ixodoidea: **Ixodidae).** 090982
mageshimaensis sp. n. (Ixodoidea: **Ixodidae)** 090983
between ticks & bugs. **[Ixodidae, Hemiptera** 090976

IXODOIDEA
Subgenus Persicargas **(Ixodoidea:** Argasidae 090261
Hoogstraal, Trapido, & Kohls **(Ixodoidea:** I- 090263
of West African forest carnivores **(Ixodoidea** 090264
Kaiseriana) mageshimaensis sp. n. **(Ixodoid-a:** 090265
Cytogenetics of ticks (Acari: **Ixodoidea).** 12. 090517
Subgenus Persicargas **(Ixodoidea:** Argasidae 090979
Hoogstraal, Trapido, & Kohls **(Ixodoidea:** I- 090980
of West African forest carnivores **(Ixodoidea** 090981
of West African forest carnivores **(Ixodoidea** 090982
Kaiseriana) mageshimaensis sp. n. **(Ixodoid-a:** 090983

JAMS
temperature control: preserves & **jam.** 083076

JAPONICA
Neoaplectana. [Popillia **japonica, biological** 089782
systemic insecticides on **Camellia japonica.** 090014
Japanese beetle. [Popillia **japonica, control]** 089775
ely small area. [**Cryptomeria japonica**]. 085905
sugi plus tree clones, **Cryptomeria japonica** 086035
of sugi cultivars (**Cryptomeria japonica** D. 086043
ring width of Sugi (**Cryptomeria japonica** D. 086796
of stand sugi. [**Cryptomeria japonica**]. 088258
relative stem curve, [**Cryptomeria japonica**] 088277
ring width of Sugi (**Cryptomeria japonica** D. 088282
for SUGI (**Cryptomeria japonica**) forest. I. 091836
Carotenoids of **Eriobotyra japonica.** [Loquats 088147
Some findings in **Rhizobium japonicum** sero- 091730
for quick growth of **Rhizobium japonicum.** 091776
Variation of flower of **Serissa japonica** (Thu- 086789
development in Trautvetteria **japonica Sieb.** 086606

JEJUNUM
amino acid transport pattern in **rat jejunum** 084365

JELLY
Investigations on bee **royal jelly.** [Nutritive 082987
Efficiency of conversion of **royal jelly** during 091163
Antibiotics in **honey, royal jelly** & bodies of 091199

JOBS
SEE EMPLOYMENT

JOWAR
SEE DURRA

JUGLANS
provenance tests of walnut (**Juglans regia** L. 085997
ethyleneimine on seeds of **Juglans regia.** 086762
Early trials of **Juglans regia** varieties in Ka- 088848

JUGULAR
Jugular plasma concentrations of alpha ani- 084851

JUICES
determination of patulin in **apple juice.** 082688
Detection of adulteration in **apple juice** con- 082877
reverse osmosis to **cane juice.** 083586
Debittering process sweetens **citrus juice.** 083695
Sawning of **fruit juice** production in Japan. 082423
of processing on nutritive value of **fruit juice** 082922
osmosis permeation by heating. [**Fruit juice**] 083792
quantities of perservatives in **fruit juices.** 083816
acidic exudate from lemon **fruit juice** vesicles 088237
suitable for production of **grape juices.** 083759
approach to evaluation of **lemon juice.** [Citr- 082790
of home made & of commercial **orange juice** 083723
of three varieties of Florida **orange juice.** 083794
digestibility of casein & **pancreatic juice** pro- 084660
properties of rapid production **prune juice** & 082921
Juice purification by means of pre-carbonat- 083585
of deheading on stalk yield & **juice quality** of 087731
Nutritive content of canned **tomato juice** & 082960
Direct dosage of iron in wine, **tomato juice** 083757
ascorbic acid content of **juice vesicles** in diff- 088198

JULUS
Normal locomotion of **Millipede Julus** sp. 090665

JUNCACEAE
of essential oils in **Juncus roemerianus.** 087484
problems in breeding of **Juncus** & **sorghum.** 086996

JUNIPERS
Chromosome counts in **cultivated junipers.** 086718

JUNIPERUS
Variability of oils of **Juniperus communis.** I. 088292
oil from needles of **Juniperus macropoda.** 087582
Biflavones in leaves of two **Juniperus plants** 088287
sesquiterpene alcohol. [**Juniperus rigida**]. 088285
differentiation in **Juniperus virginiana** from 088293

JURASSIC
Williamsonian cones from **Jurassic** of **Oaxa-a,** 086564

JUTE
Bladex P on weed population & yield of **jute** 089631
Development of **jute cards** with reference to 083619
leaf area in tossa jute (**Corchorus olitorius** L 087760
on development of roots in **jute palnts.** 087403
of some nutrient elements in **jute plant.** 089583

JUVENILE
of sexual development in **juvenile boars** of 084979
total synthesis of **Cecropia juvenile** hormon- 087215
metabolism of **Cecropia juvenile** hormone. 090688
correlations of **juvenile characteristics** in lob- 086075
of phosphoric acid to **juvenile citrus** tree on 087926
insect growth regulator with **high juvenile** h- 089999
Effects of synthetic **juvenile hormone** analo- 089909
Activity of a **juvenile hormone** analogue on 090027
of a synthetic analogue of **juvenile hormone** 090107
synthetic mixed isomers of **juvenile hormone** 090196
of compounds for **juvenile hormone** activity. 090250
Determination of **juvenile hormone**-active c- 090251
hormones (ecdysterone & **juvenile hormone**) 090414
of a synthetic analogue of **juvenile hormone** 090495
Effect of **juvenile hormone** on maturation of 090649
gland hormone & **juvenile hormone.** [Tenebr- 090707
Juvenile hormone analogue in diet of waxm- 090749
Juvenile hormone as gonadotropic factor in 090851
Late "Splitting" in **juvenile leaf** of Phoenix 088015
divergent selections for **juvenile productivity** 087730

KAKI
of reddish color of peel of **detached kaki** fru- 083803
of reddish color in maturity of **detached kaki** 083804
thinning techniques for **kaki persimmon.** 088792

KALE
potatoes (1969); potatoes, **beans, kale** (1968 087586

KALOTERMITIDAE
fixation in termites. [**Kalotermes minor**]. 090782

KANGAROOS
utilization by cattle & **kangaroos** in **mulga** 084711

KARAKUL
Birth weight of **Karakul lamb**-reasons for its 084875
development of weight of **Karakul lambs** unt- 084612

KARYOLOGY
Results of a **karyological analysis** of effect of 086827
A note on **karyology** of **Haplopappus** spinul- 086824
Karyological studies in Symphytum L. 086833

KARYOSYSTEMATIC
Karyosystematic & phylogeny in Fabaceae. 087137

KARYOTYPES
propensity in two **karyotypes** of **Drosophila** 090451
numbers & **karyotypes** of some **Manihot** spe- 086858

KAURENE
Biosynthesis of **ent-kaurene** in cell-free extr- 088145

KENAF
in mesta (Hibiscus cannabinus l.). [**Kenaf**]. 087664
L.) to different levels of nitrogen. [**Kenaf**]. 091924

KENNELS
Breeding & **kennel management.** [Dogs]. 084751

KERATOCONJUNCTIVITIS
Keratoconjunctivitis sicca in a dog. 085751

KERNELS
in oat (Avena sterilis L.) **Kernel.** 086908
of canned tomato juice & whole **kernel corn** 082960
of polysaccharides of **kernel** & **endocarp** of f- 088007
Rejuvenating **kernel-fruit** trees in an intensi- 087185
activity in half **opaque-2 kernels.** [Corn]. 087040

KETOSIS
Ketosis in **dairy** cattle as related to manag- 085713

KETOSTEROIDS
spectral studies of novel **keto-alcohols** from 087559

KEYSTONE
Soil, planter's **keystone.** 091603

KIDNEYS
initiation in four varieties of **kidney bean.** 088190
molybdenum on forming of **kidney bean** nod- 088201
Are there varieties of **kidney beans** resistant 087186
vulgaris mitochondria. [**Kidney beans**]. 087821
dissociates bean ribosomes. [**Kidney beans**] 087962
of Phaseolus vulgaris L. [**Kidney beans**]. 087984
Phaseolus vulgaris var. Pinto. [**Kidney beans**] 088152
Phaseolus vulgaris seed. [**Kidney beans**]. 088180
of Phaseolus vulgaris L.1 [**Kidney beans**]. 089066
A serious infection of leaves of **kidney beans** 089249
Are there varieties of **kidney beans** resistant 089431
in plant mitochondria. [**Kidney beans,** corn] 089541
to insect attack. [Mucuna, **kidney beans**]. 090083
virus in chicken embryo **kidney cell** cultures 085273
viruses in chi cken **kidney cells.** 085202
Dog kidney phospholipids & question of ren- 084116
in muscular tissue & **kidneys** of **regularly** sl- 082865

KILN
Shaft lime **kilns--compressed** air or induced 083688
Research on problems of **kiln drying** of wood 086182

KINASES
Study of protein-**kinase activity** associated 085180
sulphatophosphate **kinase activity** in spinach 087966
Mevalonate kinase in green leaves & etiolat- 087964

KINETICS
Kinetics of **ammonium** uptake by Ceratophy- 087393
of native algae. 2. **Kinetics** of 14**CO2**-[carbon 087628
visible radiations on cell **cycle kinetics** in e- 086708
Manipulation of mutation-**induction kinetics** 087101
Some peculiarities in **kinetic** of **initial** stage 083188
Some peculiarities in **kinetic** of **initial** stage 083189
Kinetics of **nitrogen** fixation & acetylene re- 091519
with aqueous bromine. I. **Kinetics** & **product** 083051
of specificity & **kinetic properties** of 3 milk- 083310
Kinetic studies on citrate synthase from pig 084093
A **kinetic study** of susceptibility to enzymic 083582
A **kinetic study** of in vivo ATP [adenosine tr- 087687

KINETINS
of a synergistic effect of **kinetin** on **auxin**-in- 088154

KITCHENS
Herbs by **kitchen door.** 088953
Grow papaya in **kitchen garden.** 088879
of human nutrition by using **large kitchens** 082926

KLEBSIELLA
a possible source of **Klebsiella organisms.** [085209

KNOTS
to a new race of root-**knot nematode.** 089467
Root knot on potato in West Pakistan. [Me- 089553

KOCHIA
scoparia. III. Digestibility of **Kochia hay** c- 084592

KRAFT
yield preduction equations in **kraft pulping.** 086259

LABELING
Study, with **labeled amino**-acids, of proteina- 090716
VI. Product stability & **labeling** for **animal** 082798
isothiocyamahe] & FITC-**labelled bovine** ser- 088232
Liberation & uptake of **carbon-labeled** organ- 087743
Uptake of double **labeled DNA** into isolated 088231
a bacterial origin of rapidly **labelled heavy** 088174
carbon-14 derived from **labelled herbicides** in 089616
of rust-affected bean **leaves labelled** with tri- 089177
of 14C [carbon]-**labeled metabolites** in myc- 088251
return on investment for **nutrient labeling?** 082742
Nutrient labeling: myths about analytical n- 082744
Efforts to increase **pesticide label**-reading. 090303
on decomposition of plant **residues labelled** 091524
Non-**uniform labelling** of geraniol biosynthes- 088132

LABIATAE
Flora of Guatemala. IX. 3. **Labiatae:** Mint f- 086441
Myrothecium roridum on **Ocimum sanctum.** 089089

LABOR
of structural changes for **agricultural labour** 082092
Bringing new **collective labor** contract into 081982
A measure of human **labour consumption** of 082119
Bringing new collective **labor contract** into 081982
Ground **covers labor**-saving plants. 088575
Farm **labour, crucial** factor. 082107
To question how to take **labor difficulty** into 082086
Farm labor situation. 081941
Farm labour, crucial factor. 082107
to rationalization of cow **feeding labor** oper- 082087
changes for agricultural **labour force.** 082092
More about **labor force** in milling industry. 086225
A measure of **human labour** consumption of 082119
of rationalization in **labor** & **improvement** of 085941
Labor & **labor** management. [Orchards]. 088871
to mechanization of **labor** in **livestock** farms 091281
Conditions of farm & **labor management** in 082181
Labor & **labor management.** [Orchards]. 088871
Conditions of farm & **labor management** in 088912
of cow feeding **labor operations.** 082087
Investigations on **labor productivity.** [Forests 085910
To some questions of **labour rationalization** 082082
Analysis & research of **labor safety** in poult- 083406
On **labor-saving** cultivation of sugarbeet. 2. 088430
Studies on **saving labor** in paperpot transpl- 088436
Ground covers **labor-saving** plants. 088575
Problems in **labor-saving** culture of deciduo- 088796
Farm **labor situation.** 081941
when establishing **labour standards** in animal 082086
Organization & use of **substitute labor** in fa- 082090
in Greece; costs analysis of **tractor labor** in 082296

LABORATORIES
on cattle & rabbits in **laboratory.** 090284
systems as found in a **laboratory animal** unit 092308
induction of ferritin in **laboratory animals** p- 084310
Laboratory animals: production & managem- 084765
Animal health research & **laboratory animals.** 085092
glove for handling small **laboratory animals** 085093
filaria larvae. [**Laboratory animals,** lambs]. 085571
Laboratory colonies of insects, mites & ticks 090486
to bees under **laboratory conditions,** & detec- 089826
Culicidae) under **laboratory conditions.** 090286
to bees under **laboratory conditions,** & detec- 091204
Cooperative laboratory & young consumers. 082340
densonucleosis type in a **laboratory culture** 090440
Clinical & **laboratory evaluation** of abnormal 085020
Clinical & **laboratory evaluation** of abnormal 085022
accumulations. III. **Laboratory evaluation** of 085023
Laboratory & **field** evaluation of insecticides 089870
pipiens fatigans Wied.: **laboratory** & **field** ca- 090291

Laboratory germination testing of American 086004
Laboratory germination of sweetgum at high 086005
A rapid **laboratory method** of assessing susc- 089049
of research of **microbiological laboratory,** 1 085441
Research of **laboratory of pharmacology** & t- 085791
Results of work of **laboratory of physiology** 085113
for establishing a **practice laboratory.** [Vete- 085144
A **rapid laboratory** method of assessing susc- 089049
Mass sterilization of **laboratory-reared** Dro- 090658
on artificial diets & **laboratory rearing** met- 089971
research at Western **Regional Laboratory.** 083726
in Italy imported for **laboratory research.** 090302
Function of pesticides **residue laboratory.** 090304
of a filter rack for **laboratory rodents.** 085094
s boning glove for handling **small laboratory** 085093
of young canada geese: a **laboratory study.** 084118
Laboratory study on treatment of wine disti- 092303
Laboratory tests on effects of plant ecolyso- 089801
research of **laboratory** of **zoohygiene,** All-Un- 085108

LABORERS
in demand & supply of hired **farm laborers:** 082177

LACEWING
Lacewing larvae control aphids on greenhou- 089990

LACTARIUS
SEE AGARICACEAE

LACTATES
Calcium lactate deposits on rindless Cheddar 083357
change of LDH [**lactate dehydrogenase**] act- 084098
immunized with **lactate dehydrogenase** X. 084927
synchronous culture on **lactate medium:** vari- 087562
Lactate, pyruvat, glucose & hydrogen ions in 084367

LACTATION
Higher nervous activity & **lactation.** [Livest- 084175
Reflex theory of **lactation.** [Livestock]. 084180
A recent study of age adjustment. [**Lactation**] 084245
of dairy cattle at different stages of **lactation** 084428
Urea utilization by **lactating cows.** 084235
flow & glucose uptake in **lactating cows** giv- 084240
Glucose redistribution in **lactating cows** giv- 084241
feed mixtures in rations of **lactating cows.** 084697
Rapeseed meal for **lactating dairy** cows. 084502
ration fed dams during **lactation** & that **fed** 084595
as related to period of **lactation & feeding.** 084585
Characteristics of **first lactations.** 084236
body of Black Pied cows in **first lactation** & 084901
urine magnesium in underfed **lactating goats** 084192
Hormone **induced lactation** in bovine. I. Lac- 084231
Inheritance of **part lactations** in Murrah buf- 084183
Lysine requirement of **lactating sow.** 084569
during development & **lactation & traits** of 084842
Lactation & **weaning** of sheeps. 084332

LACTIC
alcohol dehydrogenases] & LDH [**lactic** deh- 087694
Pyruvic & **lactic acid** content of swine meat, 083400
Use of **lactic acid** male in brewing. 4. Direct 083539
of green tomatoes preserved by **lactic acid** f- 083731
of volatile aliphatic acids & **lactic acid** in sil- 083913
glucose & blood glucose & blood **lactic acid** 084187
of "malic enzyme" activity of **lactic bacteria** 083689
Turbidity of **lactic casein** whey. 083354
Lactic culture inocula required to inhibit st- 083314
method for preparation of **lactic ferments.** 083333

LACTOBACILLUS
Growth response of **Lactobacillus casei** varie- 083315

LACTOGLOBULINS
Localization of beta **bovine lactoglobulin** in 084154

LACTONES
Sesquiterpene lactones of Artemisia: TLC [t- 086503
tumor-inhibitory **sesquiterpene lactones** from 087425
Sesquiterpene lactones of Ambrosia cordifol- 087486
Biogenesis of **sesquiterpene lactones** of Com- 087579
s-hydroxyvespertilin, a new **steroid lactone** f- 087618

LACTOSE
of methanol on various forms of **lactose.** 083318
Effect of **lactose content** & milking interval 084230
Amino acids, protein & **lactose contents** of 083247
Milk products for **lactose-intolerant.** [Diet] 082903
Determination of **lactose** in **milk** by gas liqu- 083327
with acid whey. I. Effects of **lactose, pH** [h- 083535

LACTUCA
b absorption spectra in vivo. [**Ulva lactuca**] 087277

LAGOONS
on drying of ground in **Hachirogata lagoon.** 092046

LAMBDINA
hemlock looper. [**Lambdina fiscellaria** fiscel- 090105

LAMBS
What makes lamb taste like **lamb?** 083477
glucose for protein deposition in **lambs.** 084102
hormone & growth hormone in **lambs.** 084137
amides as sources of nitrogen for **lambs.** 084496
prenatal infections with Taenia ovis in **lamb** 085257
against Ostertagia circumcincta in **lambs.** 086108
filaria larvae. [Laboratory **animals, lambs**]. 085571
Is **artificial lamb** rearing becoming more po- 082259
as a grain replacement for **Awasi lambs.** 084566
herbage intakes by grazing **lambs born** to 084047
sources of non-milk protein for **calf, lamb,** p- 084408
in processing of sheep & **lamb casings.** II. 083476
colubriformis in **lambs,** & **changes** obtained 085558
on feed utilization of intensively **fed lambs.** 084425
Lamb-feeding experiment with fat-enriched 084615
Milk & herbage intakes by **grazing lambs** b- 084047
arenarium (Sav.) M. **Lamb,** a **hitherto** over 086495
developments in Victorian **lamb industry:** an 082205
development of weight of **Karakul lambs** unt- 084612
Birth weight of **Karakul lamb**-reasons for its 084875
larval & adult stages of **lamb lungworm** (Di- 085597
order to increase production of **lambs meat** 084894
Hot cutting of **lamb & mutton.** 083470
of Oksid & Radeverm on **lambs naturally** in- 085556
of non-milk protein for calf, **lamb, pig** & foal 084408
Six-month old **lambs production;** feeding tri- 084404
Quality lamb out of season. 084789
Is artificial **lamb rearing** becoming more po- 082259
Birth weight of Karakul **lamb-reasons** for its 084875
compared with **lamb** & its **relationship** to fr- 083460
What makes **lamb taste** like lamb? 083477
of weight of Karakul **lambs until** weaned, w- 084612
Recent developments in **Victorian lamb** indu- 082205

LAMELLA
Basal lamina of white fat adipose cell & its 084021
Chemical composition of **leaf lamina** & midr- 087894
Swelling behaviour of **lamellar phases** of satnm 083152
region in Anacystis & **spinach lamellae.** 087276
from chloroplast grana & **stroma lamellae.** 088109

LAMIINAE
New forms of **Lamiinae** (Coleoptera). 090902
New **Lamiinae** from **collections** of Zoological 090901

LAMINATION
Qualities of **glued laminated** wood made fr- 086151
Studies on **laminated-veneer** lumber. I. On 086269
Studies on manufacturing of **laminated wood** 086243

LAND
sparsely settled areas condemned? [**Land** use 082061
Land use: past & present. 082075
Look at land first. [**Land** use]. 082076
Bringing up to date register of **lands;** added 082236
in sodium carbonate salinization of **lands.** 091706
status of irrigated **lands according** to data on 092236
Historical background of **agricultural land** r- 082048
Agricultural land reform in Philippines: eco- 082071
of microrelief of cultivated **agricultural land** 086620
in water management on **agricultural lands.** 092279
of "law on houses". [**Land appraisal**]. 082577
Okinawa Prefecture. [Survey, **arable land**]. 091765
of water surface conditions in **arable land** by 092225
Appraisal of **Australian land** resources. 092364
Land availability is key to beef expansion. 082062
of willow forests in Ob **bottom land** near ch- 086621
Land capability classification for forestry in 085969
Value in **changing lands** for construction & 082055
with differences in **land characteristics** using 082078
data to Arid region. [**Land classification**]. 082064
Soil associations & **land classification** for irr- 091679
Existing results of **land clearing** in European 082069
Land-clearing in British Columbia. 091324
rice for nitrogen under dry **land conditions.** 088372
Farmers--maintain your **contoured lands.** 092022
Actions in forest policy to **control land** use 085918
Soil assessment of **cultivated land** by means 089592
State Co-operative **Land Development** bank 082269
Bank credit for Mysore **land development** p- 082270
Middle Devonian spores from **Dickson Land** 086491
On theory of **differential land** rent. 1. 082054
ground water pollution from **land disposal** of 092329
weeds & rice for nitrogen under **dry land** co- 088372
Possibilities of **extensive land** utilization & 082049
interpretation of crops on **farm lands.** 081983
on method for deciding substitute **farm land.** 082066
On restoration of **farm land** & agricultural i- 082624
Look at **land first.** [Land use]. 082076
bedfordeae in natural Todo-fir **forest land:** g- 085833
Managing **forest land** for recreational use by 085938
Weed control in **forest lands.** 089742
Soils & **land forms** of Thailand. 091759
of plain levelling of **lands** for **grading.** 082489
Reassessing social sifnificance of **land-grant** 081915
Economic potential of tropical **grazing lands** 088518
A plot of **land** for **home** garden. [Landscapi- 088670
of forest with respect to **land imporovement** 085864
immission & its use in **land improvement.** 089566
reclamation status of **irrigated lands** accordi- 092236
Salinisation of costly **irrigation land.** 091577
New **land law** & recent regulations concerni- 082527
Marshy lands & saline lands of Lushnja dist- 092018
tests in plant communities of **meadow-land** 086619
Surface **mined land** reclamation research in 092050
Mulga lands of Australia, symposium held at 086689
Vegetation of **mulga lands** with special refer- 086690
Mulga lands of Australia, symposium held at 088529
Soils & landscapes of **mulga lands** with spec- 091767
World Bank credit for **Mysore land** develo- 082270
Role of Gujarat State Co-**operative Land** D- 082269
In orchard, specially for "small **land owners**" 088884
Use of **peat land** in Finland. 082068
problems of hydrologic function of **peat land** 092287
Land use **planning** hits home. 082077
conservation districts in **land** use **planning.** 092058
Land policy, land use & rural development. 082056
Land use **problems** & progress in Southland 082065
Soil & **land protection** in Soviet Union. 092043
Land protection is beneficial to free-living a- 092311
protection & caring for **land protection".** 092351
Land reclamation in Canada. 092070
Land reclamation & river pollution problems 092389
background of agricultural **land reform** in J- 082048
Agricultural **land reform** in Philippines: eco- 082071
in traditional China. [**Land reforms**]. 082047
On theory of differential **land rent.** 1. 082054
Appraisal of Australian **land resources.** 092364
Houses for **rural landless.** 081931
Saline lands can yield rich crops. [Soil fertil- 091853
Marshy lands & **saline lands** of Lushnja dist- 092018
of irrigation conditions on **saline lands.** 092263
recreational resources & **land** use **shift.** 082058
In orchard, specially for "**small land** owners 088884
spores from Dickson **Land, Spitsbergen.** 086491
Ssline lands can yield rice crops. 088374
forecast of **land** use from **standpoint** of fores- 085981
A proposed classification for **lands suitable** 091488
Land tenure system of Malay Padi farmers. 082046
Possibilities of extensive **land utilization &** 082049
Regional development & **land utilization** pl- 082067
Possibilities of extensive **land utilization &** 088618
Water, land, & environment imperial valley: 082623
Land & **water** planning go together. 092059
Water, land, & environment imperial valley: 092404

LANDRACE
Experience in raising **Belgian Landrace** swi- 084932
juvenile boars of German **Landrace breed.** 084979
of boars of German **Landrace breed.** 084982
in swine of Kemerovo & **Landrace breeds &** 084317
Zagreb: fecundity of sows of **dutch Landrace** 084745

LANDSCAPING
plot of land for home garden. [**Landscaping**] 088670
Greenery to cover ground. [**Landscape**]. 088736
Landscaping apartment plot. 088717
land utilization & **landscape architecture.** 082049
Sorbus aucuparia for **landscape architecture** 088644
horticulture & **landscape architecture** progr- 088680
Landscape & forest. 1. 085948
native plants for home **landscapes, ground** c- 088903
Ground covers for **Hawaii landscapes.** [Vari- 088675
Landscape management today. 092298
Soils & **landscapes** of **mulga** lands with spec- 091767
Natural landscape. 088694
Penthouse landscaping. 088715
Landscape planning in Netherlands. 088835
Rational **landscape protection** of non cultiva- 092352
from mineral matter in **riverside landscapes** 091774
Wise landscaping for family use. 088749

LANDSLIDE
typhoons in 1971. [Forest **roads, landslides**] 085837

LANTHIONINE
of **lanthionine** & its **metabolism** in silkworm 091175

LAODELPHAX
district, Japan. [**Laodelphax striatellus**]. 089351
in wheat & barley. [**Laodelphax striatellus**] 089930

LARCHES
of laminated wood with popular & **larch.** 086243
Use of synthetic sex attractant of **larch bud** 090117
Ratz.) for control of **larch casebearer,** & no- 090166
table for standing tree of **Japanese larch** in 085970
A study on yield & growth of **Japanese larch** 085971
mountain coniferous species: **Larch, Siberian** 086685

LARD
Determination of antioxidants in **lard.** 083450
origin & method of **lard production.** [Food c- 082754

LARIX
Japanese larch in Kang-won province. [**Larix**] 085970
larch stand in Kang-won region. [**Larix**]. 085971
pitch-pine, & mugo pine. [**Larix decidua,** Pi- 086685
effect of extractives of **Larix leptolepis** on r- 086200
of graft copolymer from **Larix leptolepis**-me- 086201
wood made from thinned **Larix logs.** Prelim- 086151
predation in Idaho. [**Larix occidentalis,** Col- 090166
on growth of Pinus, Picea & **Larix seedlings** 088278

LARVAE
on Spodoptera littoralis (Boisduval) **larvae** 089884

toxicity of ten insecticides applied to **larvae.** 090125
toxicity of ten insecticides applied to **larvae.** 090126
of corn earworm (Heliothis zea) **larvae.** 090644
after gamma irradiation of **larvae.** [Pectino- 089914
Thelihania sp., a parasite of **larvae** of **Aedes** 090764
Morphology of mouthparts of **larval Aedes** 090996
activity of levamisole **against larval** & adult 085597
of Bacillus thuringiensis **against larvae** of e- 090111
Molting time of **Agriotes larvae** (Coleoptera 090766
Ant larvae of six tribes: second supplement 090965
Larval anthelmintic test in ruminants. 085492
in dung-eating **Aphodius larvae.** 090756
juvenile hormone) on **larvae** of **Bathysciinae** 090414
Longevity & survival of honey **bee larvae** on 091127
Female dimorphism in honey-**bee larvae** with 091173
of hibernation in **larvae** of **blackfly** Prosimul- 090502
worm; Spodoptera littoralis **boisduval larvae** 089862
Larvae of **Bombini.** I. Interspecific variation 090734
Larvae of **Bombini.** II. Developmental chan- 090735
oxygen consumption of **larva** of **Calliphora** e- 090481
interspecific **larval competition** on viability, 090427
Lacewing **larvae control** aphids on greenhou- 089990
steroid derivatives by **larvae** of **Dermestes** 090639
Larval development of Diplotriaena tridens 090457
development of gonads in **larvae** of **Epiblema** 090847
Can **larval epidermis** omit secretion of a pu- 090676
of food plants by **larvae** of **Euproctis** fraterna 089763
of crop fertilizer on feeding of **larvae** of **fall** 090566
changes during cell death in **larval fat** body 090711
patterns of puffs in male & **female larval** po- 090508
reaction with Dictyocaulus **filaria larvae.** [L- 085571
weevil: suppression of **larvae** with **fungi** Met- 090029
Coleoptera) from **larval gallery** of Hyle yma 090004
two emulsifiers on full-**grown larvae** & pupae 089867
to insecticides to full-**grown larvae** of pink 089887
levels of some ingredients on **larval growth.** 091177
I. Interspecific variation in **larval head** char- 090734
gonadotropic factor in **larvae** of **heterogonic** 090851
oxygen consumption in **hibernating larvae** of 089936
weight & water content in **hibernating larva** 090547
oxygen consumption in **hibernating larvae** of 090753
lipoproteins of **larvae** of **housefly,** Musca d- 090682
Dried Hermetia **illucens larvae** (Diptera: St- 084517
of Haemonchus contortus **infective larvae** on 085353
birds control Plusia **larvae infesting** lucerne 089894
Effects of intraspecific & **interspecific larval** 090427
Lacewing larvae control aphids on greenhou- 089990
composition of fat in cotton **leafworm larvae** 089892
method of collecting **lepidopterous larvae.** [090661
Malachius larvae (Coleoptera, Malachiidae) 090177
Larval mortality of Culex tarsalis & Aedes 090259
flavus mycotoxin on Culex **mosquito larvae.** 090258
of mouthparts of **larval mosquitoes.** 090738
of north-European **myrmeleontid larvae** (Ne- 090546
on chiromonid eggs & **larvae** by **Nanocladius** 090541
First record of a **larval nemopterid** from sou- 090551
virus infected Trichoplusia **ni larvae.** 090564
enzymes from **larvae** of **Oedemagena** tarandi 090438
of imaginal discs & **larval ovaries** in Droso- 090841
of imaginal discs & **larval ovaries** in Drosphi- 090842
A method for rearing **overwintering larvae** of 090105
Production of **larvae** of **Phyllobius** piri L. (090545
Insectivorous birds control **Plusia larvae** inf- 089894
Bombyx [mori]-**larva** to some **polyhedrosis** v- 091178
of puffs in male & female **larval polytene** ch- 090508
Larva & **pupa** of predaceous water beetle, 090478
Cesium-137. II. Irradiation of **larvae, pupae,** 090189
Diel & annual periodicity of **larval quiescen-e** 090757
Rearing larvae of leaf-cutter bee Megachile 090651
of body wall of **larvae** of **Rhyacophila** nubila 090852
Growth responses of **larvae** of **rice** weevil, 090192
Assessment of **larval saddle** gall midge popu- 089939
Larval sketches of some Microlepidoptera, 090948
Coleoptera: Elateridae) **larvae** to **soil** tempe- 090492
by granulosis virus in **larvae** of **turnip** moth 089850
technique in sampling alfalfa **weevil larvae** f- 089897
of spaced administration of **larvae** to **worm** 085341
after irradiation of embryos & **young larvae** 090531

LARVICIDES

Larvicidal activities of N,N'-dialkylalkylene- 090249

LARYNGOTRACHEITIS

s disease & **infectious laryngotracheitis** viru- 085202
IB) & **infectious laryngotracheitis** (ILT) in 085352

LASIODERMA

fumigated tobaccos. [**Lasioderma serricorne,** 087893

LASIUS

A natural control of termites. [**Lasius**]. 090183
Aboveground activity of ant **Lasius alienus** 090746
a population of workers of **Lasius alienus** F- 090747

LASPEYRESIA

Laspeyresia indivisa Danil.--new leaf roller. 090141
Pea moth. [**Laspeyresia nigricana**]. 090016
of codling moth. [**Laspeyresia pomonella,** a- 090021

LATENCY

Effects of **different latency** duration in milk 084289
with special reference to **latency** of **fungus.** 089111

Latent potential for growth in apple tree. 088022
A report on **latent Salmonella** infection in 085287

LATERAL

centre in dog's **lateral hypothalamus.** 084325
head & neck: ear drainage (**lateral resection** 085038
Further studies of histology of **lateral root** 086815
of stem growth in **vegetative lateral** shoots of 088178

LATEX

pig & after subarachnoid injection of **latex.** 084376
fully active papain from dried **papaya latex** 083712

LATHYRUS

peas for your garden. [**Lathyrus odoratus**]. 088627

LAUAN

of material property of **lauan plywood** by ex- 086176
of surface deterioration of **lauan plywood** by 086183

LAURACEAE

production. [**Cinnamomum camphora**]. 088974
Rate of growth of greenheart (**Ocotea rodiaei**) 085902

LAURUS

of female inflorescence of **Laurus nobilis** on 086777

LAVA

Cavernicolous fauna of **Hawaiian lava** tubes, 091019
Cavernicolous fauna of **Hawaiian lava** tubes, 091020

LAWN

Best of grass types. [**Lawns**]. 088706
Plant grass in fall. [**Lawns**]. 088707
Weed control techniques for **lawn.** 089589
Weeds to conquer. [**Lawns**]. 089666
Spring **lawn care.** 088708
Summer **lawn care.** 088709
Bionomics & control of **lawn chinch** bugs. [090005
than a harmless superstition. [**Lawn diseases** 089172
Lawn grasses--old & new. [Varieties]. 088931
soil protection from erosion & **lawn growing** 092053
Control of fairy ring of **lawns** in **light** soils. 089065
research carried out on **permanent lawns.** 088870
Solutions for spring **lawn problems.** 088710
Treating drought-**stricken lawns.** 089451

LAWS

of agricultural means as ordered by (**law** 22 082488
environment imperial valley: **law caught** in 082623
Bees in **criminal law.** [Apiculture]. 082529
A reference to **draft law** on health appropri- 082753
A guidebook of Montana **laws governing** mu- 082620
On some modifications of "**law** on **houses**". 082577
New **land law** & recent regulations concerni- 082527
Water **right laws.** 082621
New directions for **sugar law** No. 1266. 082532
modality of application of income **tax law:** 082520

LAYERING

studies on inheritance of **abscission layer** de- 087016
Air-layering for house plants. 088742
mixtures, originating from **arable layer** of bl- 091725
B1-14C [carbon] in **layer chickens.** 084257
method for thin **layer chromatographic** dete- 082688
Semiquantitative thin-**layer chromatographic** 082860
Semiquantitative thin-**layer chromatographic** 082861
A thin-**layer chromatographic** method for to- 087891
Semiquantitative thin-**layer chromatographic** 089695
Semiquantitative thin-**layer chromatographic** 090365
using partition & this **layer chromatography** 082689
using partition & thin **layer chromatography** 082690
chloride by thin **layer chromatography.** 082777
of application of thin **layer chromatography** 083207
germs by thin-**layer chromatography.** 083557
Artemisia: TLC [thin **layer chromatography** 086503
fungicides by thin **layer chromatography.** 089078
butoxide by thin **layer chromatography.** 089767
Thin-**layer chromatography** proof of plant p- 090308
of pesticides by thin-**layer chromatography** 090388
Thin-**layer chromatography** proof of plant p- 091059
inheritance of abscission **layer development** 087016
Substrata histochemistry of **epithelium layer** 084316
of Aspergillus nidulans in a thin **liquid layer** 087422
Soil sturcture of **plowed layer** at paddy fields 088438
Improved method for **thin layer** chromatogr- 082688
esters in barley, using partition & **thin layer** 082690
phenylmercuric chloride by **thin layer** chro- 082777
in bee honey. I. Semiquantitative **thin-layer** 082860
bee honey. II. Semiquantitative **thin-layer** c- 082861
phenylmercuric chloride by **thin layer** chro- 083108
acid) in wheat flours & germs by **thin-layer** 083557
lactones of Artemisia: TLC [**thin layer** chr- 086503
A **thin-layer** chromatographic method for to- 087891
of dithiocarbmate fungicides by **thin layer** c- 089078
bee honey. II. Semiquantitative **thin-layer** c- 089695
piperonyl butoxide by **thin layer** chromatog- 089767
Thin-layer chromatography proof of plant p- 090308
in bee honey. I. Semiquantitative **thin-layer** 090365
determination of pesticides by **thin-layer** ch- 090388
Thin-layer chromatography proof of plant p- 091059
Ventilating layer & pullet houses. 091237

Observations on a new **wall layer** in vessel 086813

LAYERS

SEE POULTRY

LAYING

supplement to feed of egg-**laying breeding** of 084538
Stocking arrangements in **laying cages.** [Chi- 083916
Hen running in second **egg-laying** period. 084312
in relation to mating & **egg laying.** 090853
at emergence & at cessation of **egg laying.** 091074
Progress in **feeding laying** hens. 084626
bile acids in intestine of **laying fowl.** 084261
Phosphate excretion in **laying hen** (Gallus d- 084269
Calcium metabolism in **laying hen.** 6. Shell 084308
for rationalizing industrial **laying-hen** instal- 091238
Concentration of **laying hens** rearing is acce- 082552
generation in flat cages for **laying hens.** 083981
on diurnal feeding activity of **laying hens.** 084279
brown eggs of present interest? [**Laying hens,** 084678
of manure spreading & **laying machines.** 091318
Responses of birds in **laying pauses** to Veto- 084194
Proposition to **production lay** out & concent- 083693
Effects of **laying worker** honeybees (Apis m- 091120

LAYOUTS

Drainage layouts. 091230

LEACHING

Effect of **nondrainage leaching** operations on 091736
Lime & **phosphorus leaching.** 091578
Field studies on **salt leaching** in a highly sal- 091747
Salination & **leaching** of a **sand** & a clay soil 091658

LEAD

Heavy metals: a review of **lead.** [Water poll- 092458
Uptake of **lead** by **alfalfa** & corn from soil 087888
Lead bank schemes & agricultural finance.[082228
Lead banks. 082227
forage grasses in Missouri's **Lead Belt.** 082698
Absorption of **lead** by **eggplant** from soil & 088214
of soil-applied fluoride & **lead** on **growth** of 085824
Effect of **ingested lead** shot on electrocardio- 084079
of effects of high levels of **inorganic lead** on 090369
Effect of subclinical **lead intake** on calves. 084572
Mycosis due to Aspergillus & **lead poisoning** 085600
Pathologic anatomy of **lead poisoning** in do- 085803
Lead residues in marketable vegetables & fr- 082889
Lead residues in unpolished rice, polished ri- 090387
on normal dog. II. values of **various leads** on 084082

LEAFCUTTERS

Beekeeping with **alfalfa leafcutter** bees in C- 091109

LEAFHOPPERS

of six-spotted **leafhopper, Macrosteles** fascif- 090491
on factors influencing **observed leafhopper** 089895

LEAFSPOT

of Septoria [apiicola] **leafspot** of **celery** with 089212
stability of peanut oil. [**Cercospora leafspot**] 083774
Control of **Cercospora leafspot** on groundnu- 088891
stability of peanut oil. [**Cercospora leafspot**] 089106
Control of **Cercospora leafspot** on groundnu- 089247
change for Marssonina, **leafspot disease** of 089265
Aerobiology of two peanut **leafspot fungi.** [089190

LEAFWORMS

role in control of locusts & **leafworms.** [Sch- 089828
volume application against **cotton leafworm,** 089871
certain insecticides against **cotton leafworm,** 089883
composition of fat in **cotton leafworm** larvae 089892

LEAKAGE

Assessing **ion leakage** from apple fruit tissue 088052
Electrolyte & **peroxidase leakage** as indicat- 089235

LEASING

unit hydrograph by weighted **lease square** m- 092226

LEAVES

N. et M) & southern blotting of **leaves** (He- 089020
II. Effect of changes in sugar level in **leaves** 089112
Special aspects vegetables with **leaves.** 089508
Growth inhibitors in **leaves** of **Abies** sachali- 088274
Induced recessive mutations **affecting leaf** a- 086984
of grayanotoxins from **leaves** of **Agauria** pol- 087500
Effect of different **leaf age** on relationship b- 087693
studies on **leaves** with their **ageing** process in 088194
Isolation of cerebroside from **alfalfa leaves.** 087704
temperature on activity of **alfalfa leaf**-cutter 090652
cured tobacco. 2. Mechanical **leaf alignment** 091473
of boron in oil palm. III. **Leaf analysis** for d- 091846
Fertilizer tests & **leaf analysis** study on boy- 091958
Leaf analysis & fertilizer suggestions for ap- 091960
fruit orchards as shown by **leaf analysis.** II. 091989
recessive mutations affecting **leaf angle** in S- 086984
Angular leaf spot of strawberry, a new bact- 089304
Microflora of **apple leaf** scars in relation to 089001
oxidase & peroxidase activity in **apple leaves** 089303
Ecology & control of **apple leaf** miner, Lith- 090084
on a rapid method of determining **leaf area** 087760

Influence of flag **leaf area,** number & size of 087880
of nucleases in excised **Avena leaves.** 087913
studies of susceptibility to **bacterial leaf** fre- 087039
Bacterial leaf spot & halo blight diseases of 089301
studies of susceptibility to **bacterial leaf** fre- 089307
high molecular weight RNA in **barley leaves** 089374
diphosphate carboxylase in **barley leaves.** 087836
autoradiography of rust-affected **bean leaves** 089177
ureas in monuron-treated **bean leaves.** 089755
Leaf bioassay for Helminthosporium carbon- 089193
Ascospore release & dispersal in **black leaf** 089012
maydis in Queensland. [Maize **leaf blight**]. 088998
Leaf blight of rose in Punjab. [Alternaria al- 089073
of some wheat varieties to **leaf blight** under 089147
Helminthosporium maydis **leaf blight** in Sie- 089231
secalis on barley grain. [**Leaf blotch**]. 089002
leaf spot & sugar content of **bluegrass leaves** 089240
Broad-leaved carbeen, Eucalyptus confertifl- 086369
of yellow bacteria on **leaves** & **buds.** [Pseud- 089314
Large-**leaved cabbage** gum, Eucalyptus grand- 086368
catalase activity of Elodea **canadensis leaves** 087296
Broad-**leaved carbeen,** Eucalyptus confertifl- 086369
of amino acids in **leaves** of **cardinal** & perlet- 088204
of novel keto-alcohols from **leaves** of **Cassia** 087559
Effect of ozone on **leaf cell** membranes. [To- 089455
nuclear inclusions in **leaf cells** infected with 086737
Metabolism of separated **leaf cells.** III. Effe- 087847
nuclear inclusions in **leaf cells** infected with 089338
alone or in combination with **cercospora leaf** 089184
Destructive **leaf chafer** beetles of forests of 090163
"cylindrosporiosis" of **cherry leaves.** [Cylind- 089100
evolution by spinach **leaf chloroplasts.** 087968
ability & proteins of **leaves** & **chloroplasts** in 088034
An anatomical study of **coconut leaves** from 089410
Keep an eye on **coffee leaf**-miner in Natal. 089791
during composting of **leaves combined** with 091829
Nitrate reductase activity in **corn leaves** as 086903
of winterbuds & **leaves** of **Corylus** avellana 088235
value of certain crops on lesser **cotton leaf** 089838
of insecticides for control of **cotton leaf** wo- 089870
low-volume technique against **cotton leaf** wo- 089876
Residual effect of insecticides on **cotton leaf** 089885
of food on life cycle of lesser **cotton leaf** wo- 089958
Role of phagostimulants of **cotton leaves** in 090712
value of certain crops on lesser **cotton leaf** 090808
of food on life cycle of lesser **cotton leaf** wo- 090818
amino acids of haemolymph of **cotton leaf**-w- 089862
Anthocyanin production in **cranberry leaves** 088049
Leaf curl--an ever present danger in tobacco 089341
Mosaic & **leaf curl** viruses of papaya & their 089398
Rearing larvae of **leaf-cutter** bee Megachile 090651
temperature on activity of alfalfa **leaf-cutter** 090652
Nutrient release from **decomposing leaf** & b- 088257
anhydrase activity in zinc **deficient leaves** of 088013
Destructive leaf chafer beetles of forests of 090163
Note on a rapid method of **determining leaf** 087760
during various stages of **leaf development** of 087218
poplar plant in relation to **leaf development.** 088276
antigenic properties in **leaves** of **different** sp- 087192
Effect of **different leaf** age on relationship b- 087693
I. composition of oils in **leaves** of **different** 088292
tabacum 1. cv. Xanthi-nc tobacco **leaf discs** 089362
A new **leaf disease** of Canthium. [Guignardia 089040
a fraction from **leaves** that **dissociates** bean 087962
diffusive resistances of **leaf epidermes** during 087984
nitrate reductase from **leaves** of **Ericaceae.** 088128
Growth inhibitors from **etiolated leaves** of b- 089853
triterpenes of **leaves** of **Euonymus** latifolius 087533
of larvae of fall armyworm on **excised leaf** s- 090566
maple leaf perforation by **leaf extract** or le- 089335
in abscission layers occurring in **leaf fall** of 086759
Morphological variability of **first leaf** of see- 086702
Influence of **flag leaf** area, number & size of 087880
Variety in **leaf** & **flower:** contrast in garden 088612
regulation of shoot development & **leaf form** 087662
of susceptibility to bacterial **leaf freckles** & 087039
of streptomycin in tobacco **fresh leaves.** 089327
Grow scented-**leaved geranium.** [Pelargonium 088962
Mevalonate kinase in **green leaves** & etiolat- 087964
Heart-leaved silver gum, Eucalyptus cordata 086360
mowing on **Helminthosporium leaf** spot & s- 089240
acid in stems & **leaves** of **Hevea** brasiliensis 087508
xylan from **leaves** of **Hordeum** vulgare. [Bar- 087825
weight RNA in barley **leaves infected** with 089374
activity in apple **leaves inoculted** with a vi- 089303
Biflavones in **leaves** of two **Juniperus** plants 088287
Late "Splitting" in **juvenile leaf** of Phoenix 088015
A serious infection of **leaves** of **kidney** beans 089249
of rust-affected bean **leaves labelled** with tri- 089177
Chemical composition of **leaf lamina** & midr- 087894
Large-leaved cabbage gum, Eucalyptus grand- 086368
principles in **leaves** of **Lawsonia** inermis L. 087641
mineralization of nitrogen in **leaves** & **leaf** li- 091982
Mycoflora of Eucalyptus maculata **leaf litter** 087593
of nitrogen in leaves & **leaf litter** of Desmod- 091982
Effect of different times & levels of **leaf loss** 089991
New lignans from **leaves** of **Macropiper** exc- 087525
Mycoflora of Eucalyptus **maculata leaf** litter 087593
bundle sheath cells from **maize leaves** for p- 086804
phosphate dikinase from **maize leaf.** 087686
normal & carotenoid mutant **maize leaves.** 087690
maydis in Queensland. [**Maize leaf** blight]. 088998
greening etiolated barley & **maize leaves.** 087854
of Euonymus mosaic virus, **maple leaf** perfor- 089335
leaves as influenced by **leaf maturity** & shade 088123
Helminthosporium **maydis leaf** blight in Sie- 089231
of flue-cured tobacco. 2. **Mechanical leaf** ali- 091473
Peroxidases of Solanum **melongena leaves.** 088131
Leaf mesophylls of twenty crops, their light 087623
phyllosphere. [**Leaves, microorganisms**]. 087331
Keep an eye on coffee **leaf-miner** in Natal. 089791
Ecology & control of apple **leaf miner,** Lith- 090084
Biological studies on a **leaf mining** diptera, 090094
A few unusual **narrow-leaved** trees. [Evergre- 088689
perforation by leaf extract or **leaf nucleic** a- 089335
Pruification of **leaf nucleotides** & nucleosides 087222
under field conditions to green **oak leaf** roll- 090173
Variation in **leaf oil** of Eucalyptus punctata. 087479
Citrus species. VI. Composition of **leaf oils** f- 087987
Reprensentation of **leaf orientation** data by 087338
synthesis of nucleic acids in **pea leaves.** 088029
Control of **peanut leaf** rust alone or in comb- 089184
to increase zinc absorption by **pecan leaves.** 091963
mosaic virus, maple **leaf perforation** by leaf 089335
of phosphorus in **leaves** of **phosphorus**-deficie- 089456
orchard & energy balance of **plant leaf.** 086654
Optical parameters of **leaves** of 30 **plant** sp- 087549
orchard & energy balance of **plant leaf.** 088024
Biflavones in **leaves** of **Podocarpus** taxifolia 088289
Studies on susceptibility of **poplar leaf** rust 089112
Inhibition ability of **potato leaf** sap in relati- 087156
of galactoand phospholipids in **potato leaves** 088031
of water saturation deficit of **potato leaves.** 088072
winter temperatures & extent of **potato leaf** 089396
Inhibition ability of **potato leaf** sap in relati- 089404
epidermes during ageing of **primary leaves** of 087984
Residue levels should drop on **leaf products.** 090380
Leaf protein content of some Kenya vegetab- 088021
of Petunia [hybrida] **leaf protoplasts.** 088020
Effects of **leaf pruning** on some characteristi- 088525
of flue-cured tobacco. I. **Leaf removing** devi- 091474
A granulosis virus of **rice leaf** roller, Cnapha- 089849
temperatures & extent of potato **leaf-roll** vi- 089396
A granulosis virus of rice **leaf roller,** Cnapha- 089849
Laspeyresia indivisa Danil.--new **leaf roller.** 090141
under field conditions to green oak **leaf roll-r,** 090173
Leaf rollers of fruit trees. [Capua reticulana 090046
A study on iron content in **leaves** & **roots** of 087928
Studies on susceptibility of poplar **leaf rust** 089112
Wheat **leaf rust** in North Dakota in 1972. [089150
Control of peanut **leaf rust** alone or in comb- 089184
Virulence of wheat **leaf rust** in North Dakota 089218
composition of Dracaena **sanderiana leaves** 088123
Inhibition ability of potato **leaf sap** in relati- 087156
nickel ions in control of Oryza **sativa leaf** s- 087827
Microflora of apple **leaf scars** in relation to 089001
Grow **scented-leaved** geranium. [Pelargonium 088962
of fall armyworm on excised **leaf sections** of 090566
of phosphorus by **leaves** of **Selkirk** wheat. 089557
in control of Oryza sativa **leaf senescence** by 087827
polyribosomes in **senescing leaves** of Perilla 087341
Metabolism of **separated leaf** cells. III. Effe- 087847
Leaf & **shoot** growth on Acacia kempeana F. 087906
Heart-**leaved silver** gum, Eucalyptus cordata 086360
free amino acids in **leaves** of **soya.** 087875
kinase activity in **spinach leaf** tissue. 087966
oxygen evolution by **spinach leaf** chloroplasts 087968
of superoxide dismutase in **spinach leaves** & 088025
chloroplasts & intact **spinach leaves.** 088166
Leaf spot diseases on Graminicolous species 089055
Chemical control of **leaf-spot** disease of sap- 089072
Leaf spot disease of sorghum caused by Rhi- 089091
or in combination with cercospora **leaf spot.** 089184
mowing on Helminthosporium **leaf spot** & s- 089240
A new **leaf spot** disease of Salvia leucantha 089272
Bacterial **leaf spot** & halo blight diseases of 089301
Angular **leaf spot** of strawberry, a new bact- 089304
A zonal **leaf spot** of waterhyacinth caused by 089657
mowing on Helminthosporium **leaf spot** & s- 091964
release & dispersal in black **leaf streak** dise- 089012
respriation of **leaves** of **sugar** beet under co- 087840
virus titres in roots & **leaves** of **sugar** beet. 089403
on Phyllosphere fungi. III. **Leaf surface** fun- 089275
enzyme system from **Tecoma leaves.** 087417
Leaf temperature measurement & control in 087723
A comparison of **leaf terpenes** in Persea sub- 086390
sulphurylase activity in **leaf tissue.** [Spinach 087965
kinase activity in spinach **leaf tissue.** 087966
tabacum 1. cv. Xanthi-nc **tobacco leaf** discs 089362
virus after inoculation of **tobacco leaves.** III 089413
glucosides from **leaves** of **Trachelospermum** 087499
abscission of young apple **tree leaves.** 087934
A few unusual narrow-**leaved trees.** [Evergre- 088689
on appearance of **leaves** of **turning**-yellow ve- 089519
Leaf variations in Vaquelinia californica po- 086716
of frame work parts from **veneer leaves** unro- 086235
subcellular fractions of infected **vigna leaves** 089416
plants in Gramineae, wheat yellow **leaf virus** 089360
of betanin in disks of Beta **vulgaris leaves.** 088133
Chloroplast response to low **leaf water** pote- 087545
Chloroplast response to low **leaf water** pote- 087546
acid oxidase activity in **wheat leaves.** 087843
Wheat leaf rust in North Dakota in 1972. [089150
Virulence of **wheat leaf** rust in North Dakota 089218
eupomatenoid lignans from **leaves & wood** of 087248
of certain crops on lesser cotton **leaf worm,** 089838
acids of haemolymph of cotton **leaf-worm,** S- 089862
volume technique against cotton **leaf worm,** 089876
effect of insecticides on cotton **leaf worm,** S- 089885
acids of haemolymph of cotton **leaf-worm,** S- 090526
of certain crops on lesser cotton **leaf worm,** 090808
plants in Gramineae, wheat **yellow leaf** virus 089360
A **zonal leaf** spot of waterhyacinth caused by 089657

LECITHIN

characterization of **cottonseed lecithin.** 083661

LECTOTYPES

Identification of **lectotypes** from **collection** 090881
Lectotype fixations for Papilio midamus Li- 090915

LEGAL

of low-grade alkoholic **beers, legal** concept i- 083036
Legal decisions on raising poultry & rabbits 082526
cooperatives: sample **legal documents.** 082187
Industrial development & **legal provisions** on 082752
oil quality with regard to **legal provisions** & 082759
Legal & **regulatory** aspects of gene pool ma- 086643
Need for **strengthening legal** systems for pr- 082583

LEGISLATION

Economic Cummunity] effect on **legislation.** 082612
in street traffic. [**Agricultural legislation**]. 082647
New **legislation** of **animal** diseases & its sign- 091181
of communocation in **food legislation.** 082534
concepts of animal **hygiene legislation.** 082619
About a new **legislation** for **milk** used for h- 082604
Legislation on **milk** for consumption within 082605
About a new **legislation** for **milk** used for h- 082606
to paragraph 36 of **milk legislation.** 082618
development of **legislation & organization** for 082582
Legislative outlook for agricultural empolye- 082636
Current **pesticide legislation.** 090330
of Austrian plant **protection legislation.** 082632
Business dimensions & **legislative reflections** 082643
Development of **legislation** & **regulation** dur- 084984
review of food additives: **legislative rules** in 082588
health & E.E.C. Animal **welfare legislation** 082533
Legislation on **work** accidents in agriculture 082574

LEGS

on controlling black **leg attached** to paper-p- 089116
in antennae & **legs** of **Habrobracon** juglandis 090533
co-ordination of **leg movements** during walk- 090670

LEGUMES

of lentil (Lens esculenta Monech). [**Legumes**] 088378
agricultural crops. II. Oil plants & **legumes** 088523
On inoculation of **legumes.** [Rhizobium]. 091967
Inoculation of **legumes** in **arid** & simi-arid r- 091676
pulse crops in India. [**Legumes, Bemisia** tab- 089388
Research in **grain legume** improvement. [Br- 088519
possibility of utilization of **grass legume** mix- 084723
Weed control of **leguminous grasses** by rotat- 089689
Diseases of grass & **herbage legumes.** [Fungi 089047
Phaseolus aureus) & other **legumes** in **India** 089301
coefficient of seeds of **leguminous plants.** 087298
trade, & consumption of **leguminous plants.** 088484
of carbohydrate feeds to **legume roughages** 084543
of anthocyanin pigments in **seedling legumes** 087708
L-kopa in **legume seeds:** A chemical barrier 090083
Legumes & **soil** fertility. 088459
Leguminous species, 1969/1971. [Broadbeans 088925
to rhizosphere effect in **leguminous weeds.** 087401

LEGUMINOSAE

Notes on species of **Erythrina.** VI. 086504
combinations in Machaerium (**Leguminosae**) 086518
properties of tetraploid forms of **Trifolium** L 087126
Sebastiao-de-**Arruda, Dalbergia** decipularis 086401
production of red **clover-Trifolium** pratense 091209
roots. [Trisetum **flavescens, Trifolium** phate- 087789
Tannins of **herbaceous Leguminosae.** 088150
secretion of red clover (**Trifolium pratense** L 087866
Umbelliferae, **rutaceae, leguminosae**]. 087478
seed dormancy in **Genista tinctoria** L. 087242

LEIODIDAE

of North America (Coleoptera; **Leiodidae: C-** 090975

LEMNACEAE

On chemical composition of **Lemna grown** in 087397
Mass culture of **Lemna minor** L. in southwe- 088956
inhibitor of flowering in **Lemna perpusilla.** 087520

LEMONS

Endogenous acidic exudate from **lemon fruit** 088237
approach to evaluation of **lemon juice.** [Citr- 082790

LENDING

in relation to different types of **loan.** [India] 082229
II. Credit institutions & types of **loans.** 082292
policy & problems about overdue **crop loans** 082268

LENSES

Luxation of **canine lens.** 085646

activity in **lenses & erythrocytes** of embryon- 084142
on grain yeild of lentil (**Lens esculenta** Mo- 088378

LENTILS
effect of sowing-date on grain yeild of **lentil** 088378
Root rot of **lentil.** [Rhizoctonia]. 089090
A method of **lentil inoculation** with Fusarium 089292

LEPIDIUM
by cyanide. [Amaranthus **albus, Lepidium**]. 087547
on germination of seeds of **Lepidium sativum** 087627

LEPIDOPTERA
fraterna M. (Lymantridae: **Lepidoptera**). 089763
studies on Danais chrysippus L. **Lepidoptera** 089836
worm, Spodoptera exigua Hbn. **Lepidoptera:** 089838
L. in Alexandria region. **Lepidoptera:** Noctu- 089839
gamma L. in Alexandria region. **Lepidoptera** 089840
corn borer, Ostrinia nubilalis (**Lepidoptera:** 089859
littoralis boisduval larvae (**Lepidoptera:** Noc- 089862
Spodoptera littoralis (Boisd.) (**Lepidoptera:** 089867
Spodoptera littoralis (Boisd.) (**Lepidoptera:** 089870
Spodoptera littoralis (Boisd.) (**Lepidoptera:** 089871
Spodoptera littoralis, (Boisd.) (**Lepidoptera:** 089874
Spodoptera littoralis (Boisd.) (**Lepidoptera:** 089877
Spodoptera littoralis (Boisd.) (**Lepidoptera:** 089882
Boisd.), in middle of Delta (**Lepidoptera:** N- 089883
littoralis (Boisduval) larvae (**Lepidoptera:** 089884
Spodoptera littoralis (Boisd.) (**Lepidoptera:** 089885
Saunders, during diapause (**Lepidoptera:** Ge- 089887
Spodoptera littoralis (Boisd.) (**Lepidoptera:** 089888
cotton yield & fibre quality (**Lepidoptera**). 089889
variety of cotton & sowing date. **Lepidoptera:** 089948
Earias insulana Boisd. **Lepidoptera:** Arctiid- 089953
Sesamia cretica Led., in Egypt. **Lepidoptera:** 089955
Earias insulana Boisd. **Lepidoptera:** Agrotid- 089957
worm, Spodoptera exigua Hbn. **Lepidoptera:** 089958
of corn earworm Heliothis zea (**Lepidoptera** 090015
operculella (Zeller). **Lepidoptera:** Gelechiid- 090087
Hb., on stored shelled corn. **Lepidoptera:** P- 090217
Spodoptera exigua (Hubner) (**Lepidoptera;** 090464
of Erannis vancouverensis (**Lepidoptera:** Ge- 090497
littoralis boisduval larvae (**Lepidoptera:** Noc- 090526
of Galleria mellonella (**Lepidoptera**) in vitro 090692
A biotope, Lovengen. [**Lepidoptera**]. 090732
operculella (Zeller). **Lepidoptera:** Gelechiid- 090790
studies on Danais chrysippus L. **Lepidoptera** 090793
of diapause in pink bollworm. **Lepidoptera:** 090804
worm, Spodoptera exigua Hbn. **Lepidoptera:** 090808
L. in Alexandria region. **Lepidoptera:** Noctu- 090809
gamma L. in Alexandria region. **Lepidoptera** 090811
worm, Spodoptera exigua Hbn. **Lepidoptera:** 090818
und Galleria mellonella L. (**Lepidoptera**). 090852
Phasiana roesleri sp. n. (**Lepidoptera:** Geom- 090877
subspecies in genus Lycia Hbn. (**Lepidoptera:** 090878
In Ardenne forest. [**Lepidoptera**]. 090887
mulciber Cramer (Insecta; **Lepidoptera**). 090915
American species of Dioryctria (**Lepidoptera** 090927
of Odontiinae from Arkansas (**Lepidoptera:** 090928
Nemeobiidae in Greece (**Lepidoptera**). 090960
genitalia of Hyphantria cunea (**Lepidoptera:** 090968
Sparganothinae of Japan (**Lepidoptera:** Tort- 091015
revision of genus Eriogenes (**Lepidoptera:** G- 091033
of Amatidae from Madagascar (**Lepidoptera**) 091039
status of Atteva exquisita (**Lepidoptera**: Yp- 090779
insects in Upper-Egypt. **Lepidoptera**: Noctu- 090816
in Sarre (Saarland) (**Lepidoptera Attacidae**) 090890
W. Rothschild (**Lepidoptera Attacidae**). 091041
A rapid method of **collecting lepidopterous** l- 090661
chrysippus L.: (**Lepidoptera Danaidae**): Are- 090859
Lepidoptera of **Ehime** University Forest. 090936
sp. n. (**Lepidoptera, Gelechiidae**), a new ins- 089981
density of three **lepidopterous insects** in Up- 090816
polyhedrosis viruses of **lepidopterous insects** 091178
Biology of **lachryphagous Lepidoptera** in Th- 090774
method of collecting **lepidopterous larvae.** [090661
monacha L. (**Lepidoptera, Lymantriidae**); ob- 090118
Pref., Japan (**Lepidoptera, Noctuidae**). [Nat- 089935
orcynia Druce (**Lepidoptera, Noctuidae**). 090962
of auroral spot (**Lepidoptera, Pieridae**). 090556
medinalis Guenee (**Pyraustidae, Lepidoptera** 089849
overwintering of three **lepidopterous species** 089910
from Madagascar (**Lepidoptera Sphigidae**). 091040
Lepidopterous stem borers in different rice 089934
in Madagascar (**Lepidoptera Stenomidae**). 090160
Sax.) in Denmark (**Lepidoptera, Torticidae**) 090547
Tortrix viridana L. (**Lepidoptera, Tortricidae**) 090173
tedella Cl. [**Lepidoptera, Tortricidae**). 090847

LEPTINOTARSA
potato beetle. **Leptinotarsa decemlineata** Say 089979
scale beetle. [**Leptinotarsa decemlineata,** po- 089989
potato beetle. **Leptinotarsa decemlineata** Say 090432

LEPTOGLOSSUS
pests, Tetyra **bipunctata, Leptoglossus** corcu- 086088

LEPTOSPHAERULINA
Cercospora **arachidicola, Leptosphaerulina** c- 089190
of soybean crop. [**Leptosphaerulina trifolii,** 089076

LEPTOSPIROSIS
Eradication of **leptospirosis.** [Livestock]. 085540
Relations of **porcine-leptospirosis** in forensic 085424

LESIONS
Lympho-proliferative & **allied lesions** on per- 085684
Monogenic **chlorotic-lesion** resistance in corn 086899
Monogenic **chlorotic-lesion** resistance in corn 089144
in evaluation of spinal **cord lesions.** 085615
cocks bearing basal **hypothalamic lesions** in 084896
transaminase as related to **liver lesions** from 085264
with macroscopical post **mortem lesions.** 085667
A root **lesion nematode** parasitic to cotton in 089466
Anatomical studies on **lesion** of **sheath** net-b- 089255
humidity on development of **stem lesions** on 089228
clinical study of **typical lesion** of sole (ulcer- 085708

LETHAL
adults after exposure to **sublethal dosages** of 090567
Lethal effects of artificial ultraviolet radiati- 089008
encephalomyelitis & chicken-**embryo-lethal-** 085410
evaluations of swine exposed to **lethal levels** 085387
senitive periods of **lethal & morphological** p- 090530

LETTUCE
Phosphorus requirement of **lettuce.** II. A dy- 088079
preilluminated by short flashes. [**Lettuce**]. 088124
light emission in chloroplasts. [**Lettuce**]. 088159
mildew (Bremia lactucae Reg.) in **lettuce.** 088988
solvents to dry seeds. [**Lettuce, cucumber**]. 088171
NAC(carbaryl) in tomato, **cucumber, lettuce** 090399
of tissues of **lettuce** with **electron** microscopy 089400
Simulation of **lettuce growth** in an air-suppo- 087764
Effect of pronamide on **lettuce growth** & we- 089647
Simulation of **lettuce growth** in an air-suppo- 091268
of Kinsella Hereford & Hybrid-**line cos.** [An- 084505
changes of cell walls of **lettuce midribs** inoc- 089328
virus, pea mosaic virus, **lettuce mosaic** virus 089357
carbon dioxide in **overcoming lettuce** seed t- 088162
Lettuce seed germination: prevention of the- 088027
triphosphate level of **lettuce seeds.** 087952
Vigor vs. germination in **lettuce seeds** under 087995
Brown stain susceptibility of **selected lettuce** 083700
Lettuce & stalk celery. [Cultivation]. 088839

LEUCINE
Histochemical distribution of "**leucine**" ami- 085399
of cycloheximide on L-**leucine transport** by 087415

LEUCOPHAEA
of oocytes in **cockroach, Leucophaea** mader- 090649
cultivated in vitro.]**Leucophaea maderae**]. 090421

LEUCOPTERA
miner in Natal. [South **Africa, Leucoptera** c- 089791

LEUCOSTOMA
in peach caused by **Cytospora leucostoma.** 089186

LEUKEMIA
regression of **leukemia** in **chickens** infected 085503
Multiple cases of **feline leukemia** & feline in- 085212

LEUKOCYTES
activity of **leukocytes** in **evaluating** natural 085588
properties of **polymorphonuclear leukocytes** 085307
in aneuploid vs. diploid **swine leukocytes.** 084292
of group E streptococci in **swine leukocytes.** 085308
of group E streptococci in **swine leukocytes.** 085309

LEUKOSIS
Spread of cattle **leukosis according** to data 085460
virus transforming activity by **avian leukosis** 085580
of avian sarcoma & from **avian leukosis** virus 085583
On results of **studying leukosis** in cattle. 085443

LIATRIS
SEE COMPOSITAE

LIBRARIES
Library: a key to improved vocational agricu- 081903

LIBYTHEIDAE
zoogeography of **Libytheidae & Nemeobiidae** 090960

LICE
Cattle **biting louse:** evaluation of compounds 090250
technique for control of harmful **plant lice** in 090170

LICHENIZATION
gen. nov., a **lichenized hyphomycete** from w- 086432

LICHENS
Recent literature on **lichens.** 84. 086284
a hitherto over looked boreal-**arctic lichen.** 086495
Studies on **lichen-dominated** systems. III. 086646
Studies on **lichen-dominated** systems. IV. ob- 086647
Fine structure of cortex in **lichen family** Pa- 086825
circumstances in life of **lichens** of **French** B- 086684
Lichen genus Coccotrema in North America 086409
Lichen localities of Saint Martin point & B- 086383
A **lichen locality** at Biarritz, la Petite Atalye 086384
Sterols of **lichen Pseudevernia** furfuracea. 087489
inermis (Nyl.) Krog, a new **lichen species** in 086414
Climatic conditions of a **lichen station** of Ba- 086631

LIFETIME
Fluorescence lifetime & energy migration m- 087972

LIGAMENTS
dura as replacement for **crucial ligament** in 085061

LIGATION
Tubal ligation: Alternative sterilization oper- 085087
A mechanical means of blood **vessel ligation** 085123

LIGHT
in soil & on surfaces exposed to **light.** 089168
Light absorption patterns of intact Rosa flo- 088148
Effect of **lighting** on **bi**-monthly hatched egg 084280
Inhibition of cell division by **blue light.** [Lil- 088026
of their development in **light** of **conclusions** 085854
as affected by different **light conditions.** 084209
Effect of length of **daily light** periods on diu- 084279
by cut roses (Rosa hybrida) in **light & dark** 083702
activity & effects of **light & dark** adaptation 090667
white spruce seedlings in **light & darkness.** 088253
photophosphorylation & **delayed light** emiss- 088159
chickens as affected by **different light** condit- 084209
Effect of **light** of **different** intensity on react- 087748
A battery **driven light** source. [Insect traps] 090555
More **light** on **early** pioneers of tea in north 088970
Light & electron microscopy of red clover v- 089356
Light & electron microscope studies of chr- 090515
delayed **light emission** in chloroplasts. [Lett- 088159
Foliage-light product, a measure for assessi- 088082
Garden lighting. 088750
Studies on effect of **light** on **growth** & flowe- 087927
of energy source utilized by **light horse.** 084222
Incident **light immunofluorescence** of alcohol 085314
Light-independent induction of enzymes rela- 087971
Light-induced transformations of pigments. 087196
Light-induced spectral changes of p700 in 8 087276
absorption spectrum studies: **light-induced** p- 087472
Light-induced ethylene production in sorgh- 087839
Light-induced transformations of pigments. I 087921
concentration dependence of **light-induced** h- 087949
without depression of **light-induced** pH [hyd- 087950
grassland on **light & insufficiently** moist soils 088474
Influence of **light intensity** on internodal re- 087986
cool temperatures at a low **light intensity.** 088049
Influence of **light intensity** & temperature on 090652
combined with **intermittent light** stimulation 085046
of domestic animals in **light** of **investigations** 090267
reaction in fowl. A **light microscopical,** ultra- 085190
water flux induced by **light** in **Nitella.** 087329
Effect of length of daily **light periods** on diu- 084279
Effects of **light** on **pigmentation** in developi- 087797
Problem of water & **light** in **plant** production 087314
Bee orientation in **polarized light.** [Apis mel- 091193
Foliage-**light product,** a measure for assessi- 088082
reactions in Aspidistra in blue & **red light.** 087378
sativa leaf senescence by red & far-**red light.** 087827
eugametos. I. **Light requirements.** 087119
Light responses of Tribolium castaneum & 090202
micromorphology using **light & scanning** mi- 091687
Forest policy **side-lights.** 085887
Light skyline systems. [Log transportation] 086104
Influence of **light soil** fertilization with ben- 091716
Control of fairy ring of lawns in **light soils.** 089065
Influence of **light source** on growth of alfalfa 087720
A battery driven **light source.** [Insect traps] 090555
of twenty crops, their **light spectra,** & optic- 087623
with intermittent **light stimulation** on electr- 085046
Effects of **light** on **swarm** zoospores & cultu- 089029
Southern potato wireworms: **light-trap** catc- 090031
Corixidae (Heteroptera) based on **light trap** 090441
of moss sporelings to **ultraviolet light.** [Bry- 087464
rhythms in plants under **various light** & te- 087409
different wavelengths present in **white light.** 087392

LIGHTNING
Lightning & decline of citrus trees in Florida 089461

LIGNAN
species. III. New **eupomatenoid lignans** from 087248
New **lignans** from **leaves** of Macropiper exc- 087525

LIGNINS
solubility of **amimobenzenesulfonate lignin.** 086181
from alkaline solutions of **hardwood lignin** 086252
Degradation of **lignin** with **metallic** sodium 086179
Degradation of **lignin** with **metallic** sodium 086180
Characterization of **oxidized lignin** by pyrol- 086101
Peroxidase activity & **lignification** in **pod** m- 086720
nitrogen fertiliser from waste **product, lignin** 091819

LILIACEAE
representatives of Leopoldia Parl. (**Liliaceae** 086397
crosses for triploid day lilies. [**Hemerocallis** 086873
Meiosis in Ornithogalum virens (**Liliaceae**). 086970
tetraploid of **Urginea coromandeliana** Hk. f 086753
Danae Medik. & Ruscus L. (**Liliaceae family**) 086776

one from **Veratrum grandiflorum.** 087507
in seeds of some **Liliaceae & Iridaceae.** 088134

LILIES
of phleomycin on meiotic cells. [**Lilies**]. 086968
Take a look at **lilies.** [Lilium]. 088643
seed set in crosses for triploid **day lilies.** [H- 086873
Response of **lilies** to **gibberellic** acid. 088108

LILIUM
in synchronous meiotic cycle of **Lilium.** 086767
its effect on chromosome behavior. [**Lilium**] 086768
during meiotic prophase in **Lilium.** 086771
Protein synthesis during meiosis. [**Lilium**]. 088069
Take a look at lilies. [**Lilium**]. 088643
Lilium bulb production & cultivation. 2. 088561
Methylation of **Lilium DNA** during meiotic 086772
Lilium as a **garden** plant. 088940
for flowering in a **Lilium speciosum** Thunb. 088055
cell division by blue light. [**Lilium, Trillium.** 088026

LIMA
Corn, potatoes, rice, navy **beans, lima** beans 083550

LIMBS
muscle & cartilage development in **chick li-b:** 084249
a model of **limb morphogenesis.** 084132
muscle tone of cat's **forelimbs** during **rotati-n** 084324

LIMES
wastes by activated carbon & by **lime.** 092303
Lime in **agriculature.** [Soil amendments]. 091893
Shaft **lime kilns**--compressed air or induced 083688
Lime & phosphorus leaching. 091578
Lime requirement of soils containing sulphur 092009
Chilling injury of **stored limes** & grapefruit 083743
Development of a wide **swath lime** & fertili- 091476
Lime, a **vital** part of turf. 091903

LIMESTONE
Soil acidity & **liming.** [Madagascar]. 091485
Studies on influence of **liming** on **growth &** 091794
liming as well as their **interactions** with form 091803
Effect of **liming &** of **magesium,** boron, copp- 087873
Liming of **peat** soils & its effects on pineapp- 091940
Effect of topdressing & **liming** on **uptake** of 087808

LIMOUSIN
selection program for **Limousin cattle** breed 084906
Selection stations for **Limousin cattle** breed 084907

LINDANE
sp. isolated from **lindane-amended,** flooded 091694

LINEAR
Linear programming use for evaluating water 092272
Simplified method for **linear & quadratic** re- 082101

LINERS
Mechanics of teat & **teatcup liner** during mi- 083961
Friction between teat & **teatcup liner** during 083962

LINES
a new classification of maize **lines according** 087073
Assembly-line kalanchoes. 088636
in breeding work with poultry **broiler lines.** 084964
separation of peroxidases of **lines carrying** 087095
cultured in a Culex pipiens **cell line.** 090720
of Aedes albopictus mosquito **cell line** to so- 090439
on establishing a **line** with all **chromosomes** 087025
On function of germ **line chromosomes** in o- 090600
RNA species obtained from **clonal lines** of a- 085583
restoring genes in six **lines** of **common** wheat 086894
of Kinsella Hereford & Hybrid-**line cos.** [An- 084505
queen insemination: Breed & **line country** a- 091069
Predicting number of **lines desirable** for rec- 086973
On function of **germ line** chromosomes in o- 090600
of Kinsella Hereford & **Hybrid-line** cos. [An- 084505
Heterosis in two-**line hybrids** of broiler type 084747
Effect of gamma irradiation on **inbred lines** 086837
Adhl genotypes among **inbred lines** of maize 087093
Combining ability of exotic **inbred lines** in i- 087148
vegetable production along **industrial lines.** 088659
on fruit production along **industrial lines** in 088665
agriucltural production along **industrial lines** 092083
vegetable production along **industrial lines.** 092107
Assembly-**line kalanchoes.** 088636
Characterization of DNA from **maize lines** of 087064
for a new classification of **maize lines** accor- 087073
low moisture levels using wide-**line nuclear** 083147
hydraulic calculus of pressureless **pipe-line.** 092075
of combining ability of self-**pollinating lines** 087125
On decision of **profile line** of forest road by 085935
of realization & **programming lines.** 083441
derived from two inbred **pure lines.** [Plants] 086993
World's largest butyl rubber-**lined reservoir** 091259
Reaction of selected **rice lines** to stalk bore- 089920
World's largest butyl **rubber-lined** reservoir 091259
Slaughtering lines: characteristics of several 083444
Feed market with **special line** of sight on cl- 082478
states of Rf-factors in **sterile lines** & single 087079
Response to selection in **synthetic lines** of 090465
carcass traits in an **unselected line** of swine 084564
agar at low moisture levels using **wide-line** 083147

LINOGNATHIDAE
of Linognathus (Phthiraptera: **Linognathidae)** 090951

LINOGNATHUS
A new species of **Linognathus** (Phthiraptera 090951

LINOLENIC
chain trienoic acids to alpha-**linolenic acid** 087960

LINSEED
time of sowing on yield of **linseed.** 091877
Solvent extraction of **linseed-oil** & analysis 083663
Reaction of **linseed varieties** to powdery mil- 089097

LINT
Inheritance of **lint strength** in Egyptian cot- 086851

LINTERS
Production & utilisation of **cotton linters.** 083569

LINUM
environmentally induced changes in **Linum.** 086932

LINURON
vegetable crops, SIOLCID. [**Linuron, weed** 089686

LIPASES
of two proteins with co-**lipase activity** from 084094
on specificity of **lipase** of **Geotrichum** candi- 087457
model substances on use of **pancreas lipase** 083073
content in triglycerides by **pancreatic lipase.** 082876
triglycerides by means of **pancreatic lipase** 083185
Relative importance of **pancreatic lipase &** 084072
Lipase production by rice blast pathogen. [089037

LIPIDS
pregastric esterase on **lipid absorption** in ca- 084072
method for tobacco **lipid analysis.** 087891
carotenoids to chlorophyll a in **black lipid** 087473
Influence of dietary fats upon **carcass lipid** 084576
in absorption & secretion of **lipids** in **cells** of 084331
Changes in **lipid composition** during develo- 088234
of intracellular **lipid droplets** from bovine m- 084238
Effect of **lipid extraction** on electron-micros- 087713
of heat-treatment on amount of **free lipids** r- 082832
Role of **lour lipids** in baking. 083547
Fatty acid content of **lipids** in **meat** of fres- 083226
Lipid metabolism in fern Polypodium vulgare 087483
Composition of bovine **milk lipids.** 083301
permanently combined **millet lipids.** 083589
acid composition of **lipids** in its **muscles.** 084608
Lipoidic nephrosis in dog. 085602
a new class of naturally **occurring lipids.** 088303
activation of peroxidase as a **lipid oxidation** 083131
Lipids cause **varying** responses to 2, 4-D [2, 089694

LIPOGENESIS
food administration of **hepatic lipogenesis &** 084400

LIPOIC
Determining thioctic acid **(lipoic acid)** in w- 083557

LIPOLYSIS
Lipolysis. [Milk]. 083365
of regulation of fat body **lipolytic activity** in 090697
Proteolytic & **lipolytic enzymes** from larvae 090438

LIPOPROTEINS
composition of **maemolymph lipoproteins** of 090682

LIPOPTENA
Lipoptena cervi, an eastern immigrant in Fi- 091045

LIPOSARCOMA
Metastatic liposarcoma in a dog. 085634

LIPOTROPY
immunofluorescence of **lipotropic hormone0** 084163

LIPOXYGENASES
Lipoxygenase-mediated pentane production: 083596

LIQUIDAMBAR
high temperatures. [**Liquidambar styraciflua** 086005

LIQUIDS
with metallic sodium in **liquid ammonia.** V. 086179
with metallic sodium in **liquid ammonia.** VI. 086180
procedure for gas-**liquid chromatographic** an- 090346
High-pressure **liquid chromatography** in sep- 083118
Liquid chromatography applications in anal- 083121
high speed **liquid chromatography** for separa- 083122
in milk by gas **liquid chromatography.** 083327
of high-speed **liquid chromatography** to anal- 087244
acids in plants by **liquid chromatography** on 087419
arundinacea) by gas-**liquid chromatography.** 087767
in soil by gas-**liquid chromatography** with ni- 089675
Ultrastructural findings in **liquid conserved** 084887
nidulans in submerged **liquid culture.** 087421
to quantitative liquid-**liquid extraction** of pe- 089672
losses during transportation of **liquid feeds** a- 083912
formulations with **liquid fertilizers.** [Pesticl- 090334
Comparison of **gas-liquid, gas**-solid, liquid-li- 083120
of lactose in milk by **gas liquid** chromatogra- 083327
E) in cereals & grassmeals by **gas-liquid** chr- 083627
fescue (Festuca arundinacea) by **gas-liquid** c- 087767
of chloro-s-triazines in soil by **gas-liquid** chr- 089675
A modified procedure for **gas-liquid** chromat- 090346
of Aspergillus nidulans in a thin **liquid layer** 087422
of gas-liquid, gas-solid, **liquid-liquid,** & liquid 083120
value approach to quantitative **liquid-liquid** 089672
Parasitological problem of **liquid manure** m- 085215
application of semi-**liquid manure.** 091856
experience in utilising semi-**liquid manure.** 091857
mobile application of semi-**liquid manure &** 091858
of cesium 80 & stirring of **liquid manure** (Gu- 091954
Study on simplification of **liquid manure** pr- 091975
Growth product of 70's: **Liquid mixed** fertili- 091871
Liquid mulching with bitumen emulsion--a 091884
Liquid nitrogen storage of Macrophomina p- 089225
of deep frozen sperm in **liquid nitrogen** (D- 084958
High-**pressure liquid** chromatography in sep- 083118
P-value approach to **quantitative liquid**-liquid 089672
plant & soil samples by **liquid scintillation** 087430
in treatment & application of **semi-liquid** m- 091856
gains experience in utilising **semi-liquid** ma- 091857
Combined mobile application of **semi-liquid** 091858
Solids-**liquid separation:** an important step in 083968
liquid, gas-solid, liquid-liquid, & **liquid-solid** 083120
Solids-liquid separation: an important step in 083968
chromatography & high **speed liquid** chroma- 083122
Application of high-**speed liquid** chromatogr- 087244
of Aspergillus nidulans in **submerged liquid** 087421
Production of **liquid sugar** in four European 083684
of Aspergillus nidulans in a **thin liquid** layer 087422

LIQUORS
methods of introducing **ammonia liquor** into 091469
Changes in rumen **liquor dehydrogenase** acti- 084344
Rumen **liquor pH** [hydrogen-ion concentrati- 084113
level & volatile fatty acids in **rumen liquor.** 084191
dehydrogenase activity in **rumen liquor** of ca- 084346
on volatile fatty acids in **rumen liquor** of buf- 084549
level & volatile fatty acids in **rumen liquor.** 084551
Reuse of barley **soak liquor** & its effect on 083031
produced from sulphite **spent liquor.** 084389
Utilization of corn **steep liquor** as food or f- 083178

LIRIOMYZA
studies on a leaf mining **diptera, Liriomyza** 090094

LISTERIA
investigations on **Listeria & Erysipelothrix.** 085478
invesitgation on **Listeria & Erysipelothrix.** II 085479
meat products. [**Listeria monocytogenes**]. 083395
botulinum & **Listeria monocytogenes.** [Lives- 085589

LITCHI
Fruit growth studies in **Litchi** (Litche chine- 088189
Litchi. [Lychee]. 088623
Litchi--a **promising** fruit crop in Bihar. 088631

LITHIUM
aminolytic apparatus using **lithium buffers.** 083091
Analysis for **lithium** in **Texas** drinking wate- 092432

LITHOCOLLETIS
Lithocolletis (Phyllonorycter) macedonica n 090894

LITSEA
acids isolated from seed oil of **Litsea glauca** 083190
biphenyl constituents in **Litsea turfosa.** 087503

LITTERS
from decomposing leaf & **branch litter** Hub- 088257
Response of orchardgrass to **broiler litter &** 091807
retention in mixed **conifer litter,** duff & soil 085817
spatial patterns in accession of **conifer litter** 091643
results of rearing of pullets on **deep litter &** 084011
Stand structure & **litter fall** of a coppiced b- 086052
Litter fall in a new South Wales conifer for- 088272
of nutrients in forest ecosystem. I. **Litter fall** 086671
of fungal species from an oak **forest litter.** 086680
Formation of **forest litter** & its content of a- 091490
terrestrial microbial ecology. [**Forest litter**] 091506
X-linked inheritance in a **litter** of **Irish** terri- 085754
Mycoflora of Eucalyptus maculata **leaf litter** 087593
of nitrogen in leaves & **leaf litter** of Desmod- 091982
Demand feeding trials with **mixed litters &** l- 084663
growth during decomposition of **plant litter.** 087309
Effect of **litter size** upon foetal growth rate 084801
Effect of superovulation on **litter size** of swi- 084836
Influence of male dog on **litter size.** 084892
manger hindrances in **litterless stanchionless** 091304

LITTORAL
Higher aquatic & **littoral flora** in polyhumic 086579
Diatoms of **marine littoral** of Steenberg's C- 086394
diatom assemblage within **sublittoral salt** m- 086641

LIVER
Selected principal values in blood & **livers.** 084455
Study on **liver** & **blood** copper content of ca- 084157
serum from a small quantity of **liver blood.** 085177
glucose pyrophosphorylase from **calf liver.** [087976
of a cholesterol depot in **liver** of **chicks.** 084729
mill-fractions on plasma & **liver cholesterol** 082915
of calf thymus & rat **liver chromatin** by ga- 084311
carbohydrate levels on **liver enzyme** activiti- 084265
Treatment of **liver fluke** infestation & other 085426
of cattle. [Fasciola hepatica, **liver fluke**]. 085557
transaminase as related to **liver lesions** from 085264
of techniques for taking **liver & lung** samples 085097
blood circulation in **liver** of **mammals.** 084050
relations of amino acids in **liver & muscle** of 084720
lipofuscin pigmentation in **ovine livers:** a no- 084189
distribution of iron & coppe r in **swine liver.** 084029

LIVERWORTS
determination of activity in **liverworts.** [He- 087515
of deoxopinguisone from **liverwort Ptilidium** 087485

LIVESTOCK
his constraints & his income. [**Livestock**]. 082168
situation of protein supply for **livestock.** 082426
Variation in returns to **livestock.** 082563
Saint Antony, protector of **livestock.** 084001
which supports secretion of milk. [**Livestock** 084172
nervous activity & lactation. [**Livestock**]. 084175
functions of mammary glands. [**Livestock**]. 084177
Reflex theory of lactation. [**Livestock**]. 084180
A factor limiting production of **livestock.** [F- 084448
situation of protein supply for **livestock.** 084617
blood groups, 1971-1972 season. [**Livestock**] 084811
to genetic & breeding research. [**Livestock**] 084878
in artificial insemination. [**Livestock**]. 084976
bases for eradicating sterility of **livestock.** 085107
of research on brucellosis in **livestock.** 085444
for study of tuberculosis. [**Livestock**]. 085445
of studying virus diseases of **livestock.** 085461
Biochemistry of leukoses of **livestock.** 085462
blood-parasite diseases of **livestock.** 085463
Eradication of leptospirosis. [**Livestock**]. 085540
Deficiency diseases of **livestock.** 085677
number, size & location of **livestock auction** 082482
of estrous cycle in **livestock breeding.** 2. 084761
of world research in **livestock breeding.** 3. 084762
Recent progress in world **livestock breeding.** 084766
to increace production. [**Livestock breeding**] 084816
development of pedigree **livestock breeding** 084893
insect & allied pests of **livestock** in **Britsih** 090227
standard. [**Livestock, brucellosis,** diagnosis] 085302
Meat & **Livestock Commission:** veterinary a- 082880
Livestock cooperatives. [Cattle]. 081947
marketing U.S. **Livestock** through **dealers** & 082891
Objectives of seminar. [**Livestock disease**]. 085687
irreconcilable things? [**Livestock, diseases**]. 085327
Listeria monocytogenes. [**Livestock, diseases**] 085589
to control measures for **livestock excreta** pol- 092301
to control measures for **livestock excreta** pol- 092302
grass seed residue to Japan. [**Livestock, feed**] 082446
synthetic feed additives in **livestock feeding** 084484
of information retrieval in **livestock feeding** 084734
its effects on **livestock** & **food** of animal orig- 082677
infections of **livestock** during **gestation.** 085495
Livestock hill farming. 082138
Fires in farm buildings. [**Livestock housing**] 091242
Functional aims of **livestock housing.** 091288
Industrial livestock-raising farms as a factor 082626
Livestock industry of Ferrara & its outlook 082095
Direct marketing in **livestock industry.** [Pou- 082334
Livestock industry after Lombardy conferen- 082591
projections in Kentucky's **livestock industry** 082602
Drug Administration to **livestock industry** & 082793
Drug Administration] to **livestock industry** 082794
Drug Administration] to **livestock industry** 082795
Drug Administration] to **livestock industry** 082796
Drug Administration] to **livestock industry** 082797
Drug Administration] to **livestock industry** 082798
Drug Administration] to **livestock industry** 083881
Drug Administration] to **livestock industry** 083882
Role of veterinarian in **livestock industry** in 085100
Veterinary Medicine. [**Livestock, infectious** 085441
health protection of **livestock** in **Macedonia** 085157
cattle prices by grades in **major livestock** m- 082428
Livestock & meat statistics. 082514
Recent research on **livestock nutrition** & fe- 083860
adhered to present **livestock nutrition** (espe- 084396
Recent research on **livestock nutrition** & fe- 084421
Selenium & **livestock nutrition** in Montana. 085723
Canada's **livestock outlook** rosy as prices, d- 082377
in protozoology. [**Livestock, parasites**]. 085439
Results of research in **livestock pathology.** 085442
Trends in development of **pedigree livestock** 084893
Livestock policies & programs in Tuscany. 082590
animal husbandry. 22. **Livestock & poultry** 083924
management of **livestock** & **poultry.** 1. 085052
accuracy adhered to **present livestock** nutrit- 084396
of intensification of **livestock production** on 082167
on regional planning of **livestock production** 082176
mathematic methods in **livestock production** 082183
of concentration of **livestock production,** ba- 082627
sanitation of **livestock products.** 085100
of a manual for **livestock project** formulati 082558
Exploitation of **livestock,** a **protein** source f- 083939
Industrial **livestock-raising** farms as a factor 082626
Recent facts on **raising livestock** by hand. 083941
between methods of **livestock rearing** & cli- 083942
Slaughter of **livestock regulations** & control 082892
different moisture levels to **yearling steers.** 084493
Whole versus rolled oats for **yearling steers** 084650
Ships for animals. [**Livestock, transportation**] 082470
Turning livestock into meat. 083479
Livestock waste managment in a quality env- 092355
Recent progress in **world livestock** breeding. 084766

LIVEWEIGHTS
growing swine as related to their **liveweight** 084282

LIZARDS
a parasite of **Brazilian lizards.** 090419

LOADING
Loading. [Grain]. 083645
for reception, yield & **loading** of **grain.** 083644
Value of dual iron-treatment & **iron-overload** 084614
Strautmann **silo unloader,** Silofox 240. 091325
Permanent & **thermal loading** of tractor eng- 091310

LOADS
Appreciation of **bed-load** theories to sedime- 092209
On **load capacity** of rural road networks. [F- 085889
temperature, nutrient supply & **crop load.** II 088047
Response of dwarf pig to a **heat load** at diff- 084085
of irrigation under **load** of **operation** to its a- 082240
of trees from viewpoint of **physical load.** 086045
stress abrasion wear-effect of **load & speed.** 091377
for behavior of subsoil under **vibratory load.** 091445

LOAMS
Splash erosion of loam & silty **clay loam** soi- 092034
Profile development in **Danish loamy** soils. 091565
development of asparagus on **loamy sands** in 086799
by nitrogen fertilization in **loamy & sandy** s- 088220
form of fertilizer nitrogen on **loamy-sandy** s- 091803
by nitrogen fertilization in **loamy & sandy** s- 091993
wheats to nitrogen fertilization in **silt loam** 091911

LOANS
SEE LENDING

LOBLOLLY
fluoride & lead on growth of **loblolly pine** & 085824
of juvenile characteristics in **loblolly Pine** (086075
of two oleoresin systems of **loblolly pine.** [P- 088262

LOCALIZATION
Localization of beta **bovine** lactoglobulin in 084154
pairing in relation to **chiasma localisation** in 090515
Localization of **enzymes** of intermediary me- 087258
use of disomic strains in **localizing genes.** 086928
A procedure for **localizing genetic** factors c- 086887
in Allium cepa roots. **Localization & mode** of 086811
Localised movement of potassium ions in soil 091609
Localization of **photoperiodic** perception in 088183
of melanization in a **localized population** of 090819
Localization of **proteolytic** activity in Fascio- 085402
tianschanicus & **localization** of **tannides** in t- 086705
Localization & transformation of accumulat- 087741
Localization of **trichophytic** centres & dete- 085176
Ultrastructural localisation of acid phospha- 084106
Ultrastructural localization of an acid phos- 090413
Localization of **virus**-specific double-stranded 089416

LOCUSTA
Study of pars stridens of **Locusta migratoria** 090412
Nematoda: Filariodea) in **Locusta migratoria** 090457
system & heart of **Locusta migratoria** migra- 090710
pharmacological agents. [**Locusta migratoria** 090714

LOCUSTS
histology of corpora cardiaca in **desert locust,** 090428
formation & sperm transfer in **desert locust,** 090498
Locust flight oscillator: changes in motor ou- 090714
role in control of **locusts & leafworms.** [Sch- 089828

LODGEPOLE
growth after planting of **dormant lodgepole** 088255
in mycorrhizal & **nonmycorrhizal lodgepole** 088251
size-related response of **lodgepole pine** to in- 090108

LOESS
exchange properties of clay in **loess-derived** 091606
cultivation of stubble crops on **loess sites** of 088325
Results of paleobotanic studies of **loess soils** 086303
damages of irrigation network in **loess soils** 091254
other soil parameters in **loess soils.** 091494
Basic horizons of **loess soils** & soil minerals 091626
Basic types of macropores in **loess soils** of 091627

LOGGING
Mechanical exploitation. [**Logging**]. 086239
of pine renewal in north-taiga **logging areas** 085999
Siberia. [Forest **conservation, logging**]. 085881
raw material base **improves logging** techniq- 086106
Logging production rates in young-growth, 086264
Logging in **Soviet** Union. III. 086232
Silvicultural bases for **logging systems** in lo- 085878
further developments of **logging technique** in 086093

LOGS
wood made from thinned **Larix logs.** Prelim- 086151
Relationship of **log production** in Oregon & 085986
Light skyline systems. [**Log transportation**] 086104

LOLIUM
compositional changes. [**Lolium**]. 083879
mining. [reclamation, **Lolium, alfalfa**]. 092060
species. [Subetrranean **clover, Lolium** rigid- 087676
calendula, subterranean **clover, Lolium** rigid- 089611
in Louisiana. [Piricularia **grisea, Lolium**]. 089129
distribution in **Lolium multiflorum** Lam. foll- 087246
on fluorescence of **Lolium multiflorum** Lam 087675
of cell walls of **Lolium multiflorum** endospe- 087824
soil & Italiangrass soil. [**Lolium multiflorum** 090386
value of Phalaris tuberosa & **Lolium perenne** 084509
intervarietal F1 hybrids in **Lolium perenne:** 087772
of perennial ryegrass. [**Lolium perenne**]. 087773
a diallel set of families of **Lolium perenne** L 088419

LONGEVITY
in relation to yield & **longevity** of **alfalfa** st- 092002
Notes on **longevity** of **Anguina** tritici (Stein- 089493
Longevity of **crop** & weed seeds: survival aft- 089749
stems aid Chrysanthemum **flower longevity.** 083734
Longevity of gamma-**irradiated** adults of Pi- 089980
Longevity & survival of honey bee larvae on 091127

LONGITUDE
Distribution of **averaged longitudinal** flow r- 092262

LOOPERS
Control of **cabbage looper,** Trichoplusia ni, 090012
of scent scales of male **cabbage looper,** Tric- 090569
a parasite of eastern **hemlock looper.** [Lam- 090105

LOOPS
Surgical preparation of a **carotid loop** in can- 085015

LOPHODERMIUM
Epidemiology & control of **Lophodermium** [089234

LOPHOPHORA
Peyote: an introduction, [**Lophophora, drug** 086471
of peyote alkaloids. [**Lophophora williamsii**] 087439
of its analogs. [**Lophophora williamsii**]. 087440
of peyote alkaloids. [**Lophophora williamsii**] 087445

LOQUATS
Carotenoids of Eriobotyra japonica. [**Loquats**] 088147

LOTUS
of birdsfoot trefoil, **Lotus corniculatus** L. 086905
of birdsfoot trefoil, **Lotus corniculatus** L. 086906
of cyanogenesis in **Lotus corniculatus.** V. D- 086933

LOUSE
SEE LICE

LOWLANDS
drainage in Mouria & **Agoulinitsa lowlands,** 092131
classification of **lowlands** in some **areas** of 091488
Tree bee stocks in South **Caspian lowland** f- 091068
Red Danish, & of Black Pied **Lowland cattle.** 083495
bases for logging systems in **lowland forests** 085878
by storm within **lowlands** of **German** Democ- 090162
studies of moors in **lowlands** in **Iwate** Prefe- 086688
in Lower Saxony **Pleistocene lowland:** Basis 085891
dependence upon nitrogen in **lowland region** 084723
species on sandy soils of **Zahorska lowland.** 085838

LOXOSCELES
on fiddleback spider, **Loxosceles rufescens** 090767

LUCERNES
Factors influencing seed yields in **lucerne.** 088369
control Plusia larvae infesting **lucerne crop.** 089894
basic factors for a successful **lucerne crop** & 091970
Lucerne mosaic virus transmission by Myzus 089368
Fifteen years of **lucerne seed** pollination in 091100

LUCILIA
normal development of **blowfly, Lucilia** seri- 090675
DOPA synthesis in **Lucilia cuprina.** 090638

LUMBAR
Lumbar puncture for collection of cerebrosp- 085002

LUMBER
system from tree to **lumber consumer.** 086128
mechanization & automation of **lumber cross** 086224
polletizing of **lumber** in **domestic** trade. 086218
convection drying of **lumber** at **extremely** hi- 086153
Lumber grade yields from graded trees of fi- 086197
Marketing analysis for **lumber industry.** 086203

Lengthwise **lumber jointing** with finger join- 086228
Use of **lumber** in **prefabricated** houses. 086204
Structural **lumber promisiing** from 1/4-in so- 086134
Studies on laminated-**veneer lumber.** I. On 086269

LUMBRICIDAE
populations of Enchytraeidae & **lumbricidae** 091689
methyl to **earthworm, Lumbricus** terrestris 090376

LUMINESCENCE
in submillisecond **Chlorella luminescence.** 087272

LUNGS
spleen & anthracose fibrosis in **lungs** of **dog** 085742
in brain & **lung** during **embryonic** developm- 084022
of techniques for taking liver & **lung samples** 085097

LUNGWORMS
larval & adult stages of **lamb lungworm** (Di- 085597

LUPINE
of investigations on yellow **lupine Lupinus** l- 089252
of nutritive efficiency of **sweet lupine** (Lupi- 084436

LUPINUS
efficiency of sweet lupine (**Lupinus albus,** var 084436
of investigations on yellow **lupine Lupinus** l- 089252

LUTEINIZATION
Change in level of LH [**luteinizing hormone** 084136
levels of thyrotropin, **luteinizing hormone** & 084137
levels of prolactin & **luteinizing, hormone** i- 084741
mating stimuli on LH[**luteinizing hormone**] 084847
treated with synthetic **luteinizing hormone-r-** 084218

LUTEOLIN
of apigenin & **luteolin** 7& 7,4'-**methyl** ethers 087492

LUTEOTROPHY
by luteolytic or **luteotrophic treatment** in in- 084741

LUTEOTROPIN
Basal levels of **prolactin** in **goat** blood meas- 084228
in plasma levels of **prolactin** & **luteinizing,** 084741
Effects of **prolactin** on **ovarian** progestin sec- 084298
on secretion of **prolactin** & on **plasma** levels 084137

LUTEUM
Gagea [**lutea**] of Kekerdom. 086675
Local effect of pregnancy on **corpus luteum** 084844
upon survival & regression of **corpus luteum** 084868
priming of estradiol-**induced luteal** regression 084795
anaerobic conditions. [**Nomea lutea,** radishes 087921
transformation of carotenoids. [**Nonea lutea,** 087196

LUXATIONS
Luxation of **canine** lens. 085646
of spinal fractures & **luxations** in **dog.** 085010

LYASES
phenylalanine ammonia-**lyase activity** in car- 088156
of inactive phenylalanine **ammonia-lyase** in 088140
synthesis of L-phenylalanine **ammonia-lyase** 089046
to specificity of S-alkyl **cysteine lyases** of di- 087477

LYCHEE
SEE LITCHI

LYCIUM
SEE SOLANACEAE

LYCOPERSICON
activity in **developing Lycopersicon** esculent- 088127
in excised **Lycopersicum esculentum** roots of 088126
virus infected **Lycopersicum esculentum** in r- 089275
compounds in **Lycopersicon esculentum** on s- 090070
in resistant & susceptible **Lycopersicon spp.** 089316

LYCOPODIUM
Triterpenoids of **Lycopodium megastachyum** 087521

LYCORIS
development of **Lycoris radiata** Herb. 087432

LYCOSIDAE
metabolic rate of starved **Lycosidae spiders** 090408

LYGAEIDAE
Stys (**Heteroptera, Lygaeidae.** Lygaeinae) f- 090867

LYGUS
Rearing Lygus [hesperus] bugs on green be- 090659
of tarnished plant bug **Lygus rugulipennis** P- 089947

LYMANTRIIDAE
in Hokkaido. [**Lymantria dispar,** Choristone- 090122
monacha L. (**Lepidoptera, Lymantriidae**); ob- 090118

LYMNAEIDAE
Ecological control of **Lymnaea truncatula** & 085512

LYMPH
Lymph node function & lymphocyte circulat- 084040
Lymph nodes & lymph vessels of head of go- 084045

LYMPHADENITIS
Lymphadenitis in **Danish** cattle caused by a 085471
in **streptococcic lymphadenitis.** 085309

LYMPHOCYTES
mice free from **lymphocytic choriomeningitis** 083970
of murine **lymphocytic choriomeningitis** [Mi- 085419
node function & **lymphocyte circulation** in p- 084040
responses in mixed **lymphocytic culture** in 084024
Lymphocyte differentiation in chicken embr- 084037

LYMPHOID
Lymphoid development of embryonic chicken 084038
in development of **ectopic lymphoid** foci in 085195
free piglets in study of **lymphoid tissue** & ge- 084039

LYMPHOMA
Malignant lymphoma in a dog. 085729

LYMPHOMATOSIS
to Marek's disease. [**Avian lymphomatosis**] 085676

LYMPHOSARCOMA
Lymphosarcoma in **horse:** A review. 085662
An unusual case of **lymphosarcoma** in a **pig.** 085664

LYOPHILIZATION
Lyophilization of **germ.** [Grain]. 083638
Suitability of **lyophilized human** dura as rep- 085061

LYSERGIC
Increasing production of **lysergic acid** by m- 087556

LYSIMETRY
of percolates from **manured lysimeters.** [Pou- 091649
acid-alkaline properties of **lysimetric waters** 091700

LYSINE
pigs. I. Estimation of requirement of **lysine.** 084692
Improving yield capacity of high-**lysine corn** 088541
Verification of **Czechoslovak lysine** effective- 084456
Verification of **Czechoslovak lysine** effective- 084457
adding varying levels of **lysine** or **delactosed** 084598
methionine, threonine & **lysine** to **feed** mixt- 084455
Effect of **feeding lysine** in solution to growi- 084583
threonine & **lysine** to **feedmixtures** for broil- 084454
Protein, lysine, & grain yields of Triticale & 087768
Lysine requirement of lactating sow. 084569
Importance of **lysyl residue** in goat anti-dini- 084165

LYSIS
Lytic acting of some fluids of sexual tract c- 084345

LYSOZYMES
enzymes. I. **Lysozyme** in **haemolymph** of Ga- 090520

LYTHRACEAE
Hope, Ozark Spring. [**Lagerstroemia indica**] 088586
principles in leaves of **Lawsonia inermis** L. 087641

MACERATION
Further studies on "**macerating enzyme**" in- 089165

MACHAERANTHERA
Gypsophilous species of **Machaeranthera** (A- 086520
gentryi Standl. to **genus Machaeranthera,** s- 086507

MACHINERY
Which hay making **machine?** 091440
Changes in farm size & **machinery** use: Tria- 091455
Braking of trailers & **adhering machines.** 1. 091462
Availability of **agricultural machinery** for pr- 091332
On development of **agricultural machine** im- 091352
standards for testing **agricultural machines.** 091355
Role of **agricultural machinery** in coffee pla- 091372
limitations of use of **agricultural machinery** 091409
Show of **Agricultural Machinery.** 091413
Agricultural machine science in Switzerland 091466
in Snyder large animal **anesthesia machine.** 085117
Simulation of **machine application** with hand 091472
circles & cooperative **machine bases** in doma- 082503
Garden **machinery boom** continues. [Great 082316
of spruce basing upon **branching machine** EA 086080
of pine basing upon **branching machine** EA3 086081
agricultural circles & **cooperative machine** b- 082503
Watch your **machinery costs.** 082210
harvesting & packing **costs--machine** versus 082274
planning of farm **machine demands** & operat- 091351
Machines & devices for plywood industry. I 086219
Machines & devices for plywood industry. 086220
Evaluation of **machine-dried** vis-a-vis conven- 084546
spruce basing upon branching **machine EA3** 086080
of pine basing upon branching **machine EA3** 086081
Machinery & equipment in road building. [086193
Texas agribusiness. [**Machinery, equipment**] 091471
Proved successful: operating **farm machinery** 091345
mathematical planning of **farm machine** de- 091351
Farm machinery at 75th Verona Fair. 091399
tasks of Association of **Forest Machinery** I- 086222
about development of **forestry machinery** re- 085912
Garden machinery boom continues. [Great 082316
Ethrel & **machine harvest**-one-two punch for 082198
development of agricultural **machine imports** 091352
Association of Forest **Machinery Industry.** 086222
of manure spreading & **laying machines.** 091318
studies of influence of **milking machine** on r- 085389
Farm shop facilities for **modern machinery** 091286
On **operational machine** supplies in viticultu- 082189
development of selective tea-**picking machine.** 091439
Report on mini **picking machine.** 091444
acntone t-300, a self-**propelled machine** for t- 091430
Pruning operation by tree **pruning machine.** 086130
development of forestry **machinery repair** st- 085912
Agricultural **machine science** in Switzerland 091466
of designs of modern **seeding machines** & si- 091461
with "Accord Pneumatic" **seeding machine.** 091465
shop facilities for modern **machinery service** 091286
of large scale use of **machines & shift** work 091390
deposits on a self-twist **spinning machine.** 083454
functions of fertilizer **spreading machines.** 091319
Around **machinery stands.** [Agriculture, Gre- 091328
On operational **machine supplies** in viticultu- 082189
Machinery system for cauliflower production 091346
state & structure of **machine & tractor** fleet 082169
seedling raising. 2. [**Machine transplanting**] 088311
A new grain **treating machine.** 091339
harvesting & packing costs--**machine versus** 082274

MACROELEMENTS
Content of some **macroelements** in **flour** flo- 083591

MACROINVERTEBRATES
pollution: **freshwater macroinvertebrates.** [092448

MACROMOLECULES
Formation of **auxin-macromolecule** complex- 087920

MACROPHAGES
Macrophage cytophilic antibodies in mice: i- 085376
properties of **macrophages** from **immune** & 085308

MACROPHOMINA
storage of **Macrophomina phaseolina.** [Soyb- 089225

MACROPIPER
from leaves of **Macropiper excelsum.** 087525

MACROSCOPY
findings in cattle with **macroscopical post** m- 085667

MACROSIPHUM
propagation of cereal aphid (**macrosiphum** (089852
form of potato **aphid, Macrosiphum** euphorb- 089999
aphid vector, **Macrosiphum euphorbiae.** 089417
aphid vector, **Macrosiphum euphorbiae.** 090832

MACROSTELES
Graminella nigrifrons, **Macrosteles fascifrons**] 089895
spotted leafhopper, **Macrosteles fascifrons** 090491

MACROTERMES
associated with **Macrotermes bellicosus** (S- 091054
xenotermitis, **Macrotermes serrulatus,** Micr- 090763

MAGGOTS
food requirements of **cabbage maggot,** Hyle- 089993
Whorl **maggot Hydrellia** spp. (Diptera: Eph- 089851

MAGICICADA
seventeen year) cicada. [**Magicicada cassini**] 090685

MAGNESIUM
ion concentration] & Mg2+[**magnesium**]. [088228
Effect of high Mg[**magnesium**]-waters on a 091634
lipase & methyl **magnesium bromide** for ste- 083073
excretion of water, **calcium, magnesium,** & i- 084160
of net absorption of **magnesium & calcium** f- 084656
protein content & **magnesium coefficient** of 087298
Effect of age & **dietary magnesium** on volun- 084589
effect of long-term **magnesium fertilization** 091803
Effects of potassium **& magnesium fertilizers** 091915
dietary phosphorus & **magnesium intake** in 084552
potassium, calcium, & **magnesium levels** on 088300
Pattern of blood plasma & **urine magnesium** 084192

MAGNETIC
levels using wide-line **nuclear magnetic** reso- 083147
Carbon-13 **nuclear magnetic** resonance spect- 087216
NMR [**nuclear magnetic** resonance] spectra, 087387
Magnetic treatment of seeds. 087374

MAGNETS
Magnets activate feeder for top-producing c- 084664

MAHOGANY
Hybrid mahogany recommended for planting 086089

MAINTENANCE
Short hints on bees & their **care.** 091211

for construction of **agricultural maintenance** 091249
of environment & **care** of **agriculture.** 092388
Operation & **maintenance** of **automatically** 092155
of agricultural **maintenance buildings.** 091249
Maintenance control of Hydrilla. [Cerricilla- 089649
Efficient maintenance of irrigation & draina- 092161
Rural **emergency care**--problems & prospects 081914
Environmental care is an integral part of co- 092413
management of an intensive **care facility.** [V- 085004
Farmers--maintain your contoured lands. 092022
in animal production. II. **Care** & **feeding** in 082173
incorporation & **maintenance** of a **genetic** m- 090844
glands of Drosophila **hydei maintained** under 090510
management of an **intensive care** facility. [V- 085004
mechanization & **maintenance** of **irrigation** 082582
in operation & **maintenance** of **irrigation** & 092142
work for nature protection & **caring** for **land** 092351
Spring **lawn care.** 088708
Summer **lawn care.** 088709
regulatory aspects of gene **pool maintenance** 086643
Veterinary **care principles** in reproduction of 085174
Rural emergency **care--problems** & prospects 081914
Winter **maintenance requirement** of Kinsella 084505
Road maintenance on plain in areas close to 085916
Inspection & **maintenance** of old **silos.** 091277
Example of development of **soil maintenance** 088645
Soil maintenance in orchards by utilization 089638
Example of development of **soil maintenance** 091882
Soil maintenance in orchards by utilization 092027
development of soil **maintenance techniques** 088645
Utilization & **maintenance** of **varieties** for s- 087146
Veterinary care principles in reproduction of 085174
Winter maintenance requirement of Kinsella 084505

MAIZE

Mutation studies at Shl locus in **maize.** 082499
location of virescent (V4) gene in **maize.** 086850
inbreeding in a synthetic variety of **maize.** 086898
a composite population in **maize.** 086973
A formula for giant ears in **maize.** 087013
Pollen size & origin of **maize.** 087014
in aleurone color inhibition in **maize.** 087027
Normal vs. male-sterile cytoplasms in **maize** 087070
in vivo decay in endosperm of **maize.** 087092
Adhl genotypes among inbred lines of **maize** 087093
ability of self-pollinating lines of **maize** (Zea 087125
evaluated visually & oil content in **maize.** 087149
by wheat (Triticum vulgare) & **maize** (Zea 087666
induction of parthenocarpy in **maize.** 087795
of chloroplast & nuclear DNA of **maize.** 087796
unit differences for germination of **maize.** 087799
Seed viability of **maize** (Zea mays L.). 087800
Factors controlling "trueVivipary" in **maize** 087802
of granal & agranal chloroplasts of **maize.** 087850
acid] on mineral composition of **maize** (Zea 087860
evaluated visually & oil content in **maize.** 087870
Stalk rot studies in **maize.** [Diplodia, Gibbe- 089140
nonagriodes (Lef.) harmful to **maize.** 089904
of an insect infestation in stored corn (**maize** 090201
Origin of **maize** from **Amazonas** River mouth 086550
carbon dioxide by roots of **maize** & **bean.** 087743
partially homeologous to **maize chromosome** 087011
of their application on grain **maize crop** at 091789
interaction for some double top **cross maize** 086972
aspect of preservation of **damp maize** treated 083530
Mineral-**deficint maize** inbreds. 089524
pattern of catalases in **developing maize** en- 087084
of light on pigmentation in **developing maize** 087797
ADH) activity in **developing maize** endospe- 087803
for catalase in early **maize development.** 087794
type I reversibiltiy of **maize DNA** denaturat- 087688
of urea supplementation of **maize/dried** sug- 084387
Comparative transmission of **maize dwarf** m- 089394
scheme for catalase in **early maize** develop- 087794
Infestation of **maize ears** by spiny bollworm 089957
Implements for sowing **maize economically.** 091453
of catalases in developing **maize endosperm** 087084
activity in developing **maize endosperm.** 087803
seedling rot of **maize** with **fungicides.** 089244
Reaction of **germinating maize** pollen to He- 089143
Yield & quality of **maize germplasms**-nitrog- 088394
amino acid analyses. [Sorghum **grain, maize** 083549
dry-matter content in **maize** for **grain.** 088546
time of their application on **grain maize** crop 091789
control of weeds in **maize** & **groundnut** is m- 089709
on synaptonemal complex of **haploid maize.** 087060
on chiasma formation in **maize heterozygous** 087061
for some double top cross **maize hybrids.** 086972
perennial teosinte with ig/**Ig maize.** [Enchl- 087015
genes in **maize** are **immunologically** similar. 087077
resistance to corn earworm in **maize inbreds** 086986
of susceptibility of various **maize inbreds** to 089235
Mineral-deficint **maize inbreds.** 089524
resistance to corn earworm in **maize inbreds** 089926
Chromosomal changes in **maize induced** by 086966
responses in **maize** to **infection** by Pythium 089181
of decreasing of number of **maize irrigations** 092247
maydis in Queensland. [**Maize leaf** blight]. 088998
bundle sheath cells from **maize leaves** for p- 086804
normal & carotenoid mutant **maize leaves.** 087690
greening etiolated barley & **maize leaves.** 087854
Characterization of DNA from **maize lines** of 087064
for a new classification of **maize lines** accor- 087073
of RNA in sections of **maize mesocotyls** & in 087739
of pot experiments. [**Millet, maize**]. 091726
Zea mays genome with **monosomic maize** pl- 087058
Sources of **maize** with **multilayer** aleurone. 086549
in normal & carotenoid **mutant maize** leaves 087690
Isolation & purification of **maize nuclear** D- 087804
microscopic study of **maize pachytene** chro- 086793
Tetraneura ulmi (L.), a new **maize pest** in C- 090080
carbonum U. 11.)--two new **maize pests** disc- 089020
mays genome with monosomic **maize plants** 087058
of bivalent chiasmata in **maize plants** heter- 087062
utilization of nutrients in **maize plants.** 088390
acid analyses. [Sorghum grain, **maize pollen** 083549
for mutation induction on **maize pollen.** 087067
Reaction of germinating **maize pollen** to He- 089143
Variations in **maize population** & yield & ef- 088400
On protein in **potato, maize** & rice starch. 083218
of protein nitrogen in cells of **maize root.** 087745
of nitrate reductase in **maize roots.** 087714
tillage for maize in a wheat-**maize rotation.** 088508
Some properties of **maize rough** dwarf virus 089330
Fatty acid profiles from **maize scutella:** a n- 087059
free amino acids of **maize seedlings** as affect- 087882
cycle in verdant **maize seedlings.** 087748
on pigmentation in developing **maize seeds.** 087797
Storage of **maize seeds** in dessicator with sil- 087868
Implements for **sowing maize** economically. 091453
formed during irradiation of **maize starch;** i- 083668
particles associated with **maize streak** disea- 089385
Ht) & susceptible (ht) **maize tissues** inocula- 089139
of preservation of damp **maize treated** with 083530
indicators of susceptibility of **various maize** 089235
of violaxanthine cycle in **verdant maize** seed- 087748
responses of larvae of rice **weevil, maize** we- 090192
of depth of tillage for **maize** in a **wheat**-mai- 088508
of fertiliser requirements for **maize** & **wheat** 091866
phosphorus & potassium on **maize yields.** 087881

MALACHIIDAE

Malachius larvae (**Coleoptera, Malachiidae**) 090177

MALACHIUS

Malachius larvae (Coleoptera, Malachiidae) 090177

MALACOSOMA

applied to larvae. [**Malacosoma californicum** 090126
Sarcophaga aldrichi. [**Malacosoma disstria,** 090138

MALARIA

drainage on control & eradication of **malaria** 090242

MALATE

Malate dehydrogenase isoenzymes in divisi- 087544
isozymes of **malate dehydrogenases.** [Corn] 087038
Malate dehydrogenases of Pisum sativum: T- 088160

MALATHION

Tick control by **malathion.** [Ixodes ricinus] 090293
Malathion for **grain** protection & its applica- 090209
Effect of **malathion** & **metaisosystox** on corn 089880
Effect of **malathion** on **performance** of White 084553
resistance to **malathion** after **several** years of 089919
moth, & raisin moth in **malathion-treated** & 090193

MALE

Use of lactic **acid male** in brewing. 4. Direct 083539
H.T) on appetite & live weight of **adult male** 084430
mating behaviour by **allatectomized males** of 090704
glucose & blood lactic acid in **male bufflao**-c- 084187
Topography of scent scales of **male cabbage** 090569
of females on spacing of **males** in **cockroach,** 090471
of pollen restoration in **cytoplasmic male** st- 086999
Inheritance of **cytoplasmic male** sterility in- 087003
Cytoplasmic male sterility research. [Corn] 087069
of lines carrying two **different male**-sterile c- 087095
Influence of **male dog** on litter size. 084892
of tobacco budworm & corn **earworm males** 089916
fat deposition & feed **efficiency** of **male** & f- 084604
organs & tissues of **male** & **female** calves. 084359
patterns of puffs in **male** & **female** larval po- 090508
Chromosomal location of **male fertility** rest- 086894
in microscopic analysis of **male gametes.** 084904
or total feminization of **genetic males** of the- 090415
reference to wing venation & **male genitalia** 090882
in Drosophila melanogaster **male germ** cells 090742
Male meiosis in some amphimictic & apomi- 086874
Effect of low temperature on **male meiosis** in 091160
damage in Drosophila **melanogaster male** ge- 090742
of sexual response in **males** of **moth** Argyro- 090690
Meiosis in **male** of **Puto** albicans (Coccoidea 090625
pallida Ol. females & **males** on **Quercus** ped- 090102
on appetite & live weight of adult **male rat** 084430
sex pheromone glands in **male scorpionflies,** 090571
Induction of **male-sterile** tomato mutants by 087004
Normal vs. **male-sterile** cytoplasms in maize 087070
restoration of fertility in S **male-sterile** cyt- 087074
of lines carrying two different **male-sterile** c- 087095
with pest population control by **sterile male** 089769
Studies on **sterile-male** technique as a means 090059
wied. in Egypt by use of **sterile male** techni- 090099
Studies on **sterile-male** technique as a means 090751
Inheritance of cytoplasmic **male sterility** in- 087003
Cytoplasmic **male sterility** research. [Corn] 087069
Description of **male** of **Stivalius** vancanneyti 090893
population control by sterile **male technique** 089769
Studies on sterile-**male technique** as a means 090059
in Egypt by use of sterile **male technique.** 090099
Studies on sterile-**male technique** as a means 090751
Effect of **male Trypodendron** lineatum (Col- 090106
selection for receptivity to **wingless males.** 090450
of intromittent organ in **male Xenopsylla** ch- 090234

MALIC

Determination of citric & **malic acid** in fruits 083749
for determination of "**malic enzyme**" activity 083689

MALIGNANCY

Mammary fibrocystic **disease, malignant** mi- 085641
Malignant lymphoma in a dog. 085729
Malignant theileriosis of sheep & goats. [Ir- 085531

MALLARDS

SEE DUCKS

MALLOPHAGA

New Guinean Degeeriella (**Mallophaga: Phi-** 091022

MALONATE

results regarding effects of **malonic acid** on 087297

MALT

to enzymic hydrolysis of starch in **malt.** [Ba- 083582
in brewing. 4. Direct use of lactic **acid malt** 083539
by Toppan moisture meter. [**Barley, malt,** h- 083542
Antocyanogens of **malting barley** varieties in 083592
some qualitative features of **malt barley.** 088306
Effect of **malting** & **brewing** procedure on m- 083043
of carbohydrates in **different malt** fractions 083032
Diastatic activities of **malt flours** & enzyme 083184
barley grain into **malt** without **germination.** 083543
of barleys that differ in **malting properties.** 083554
Effect of cold on **malting properties** of brew- 083630
liquor & its effect on nature of **malt, wort** & 083031

MALVACEAE

F3 progenies in cotton (**Gossypium birsutum** 086904
of Crumpled mutant in **cotton, Gossypium** h- 086910
measure of earliness for **cotton, Gossypium** 086912
variation of cotton (**Gossypium hirsutum** L.) 086892
in Allen cotton (**Gossypium hirsutum**). [Bre- 086917
in cotton plant **Gossypium hirsutumL.** In se- 087168
species of hibiscus & **malvaceous plants** regu- 088192

MAMMALIA

blood circulation in liver of **mammals.** 084050
secretion of lipids in cells of **mammals.** 084331
residue analysis of fish & **aquatic mammals** 090372
of some toxic **mammalian metabolites** of dia- 090375

MAMMARY

milking interval on **mammary blood** flow. 084230
Mammary blood flow & glucose uptake in l- 084240
Mammary fibrocystic disease, malignant mi- 085641
secretion in tissues of rat **mammary gland** w- 084174
metabolic rate of rat **mammary gland.** 084239
by infectious history of **mammary gland.** 085390
glandular part of **mammary gland** cistern re- 084176
stimulation of guenea-pig **mammary gland.** 085059
of regulating functions of **mammary glands.** 084177
of CFW strain **mouse mammary** tumor into 085650
Mammary neoplasia. [Surgery, bitches]. 085043
Primary mammary tumors of cats & dogs e- 085643
of immunoglobulins into **mammary secretion** 084076
lipid droplets from bovine **mammary tissue** 084238
Surgery of **mammary tumors.** [Bitches]. 085030

MAN

Agricultural returns 1972. [Isle of **Man**]. 082263
grading & pricing structure. 1. [Isle of **Man**] 082848
of research of calcium requirements of **man.** 082966
its transmission to other animals & **man.** 085517
Plant varieties & seeds (Isle of **Man**) order, 088450
keeping of rural environment for **man**: On a 092317
borne virus infections **affecting man** & anim- 085260
on Lugt & Goodijk's article: **Man** & **beast** & 092396
Man is **bee**'s biggest enemy. [Apis mellifica] 091134
Serum amino acids in young **men consuming** 082908
Avraham Shlomi--Israel's **corn man.** [Plant 087065
relevance in nineteen seventies. [**Fungi, man** 086282
Water **men given** a "hard Times". [Water q- 092284
collected in Florida. [Insect **pests, man**]. 090257
on plants, animals & **man** & **possible** means 092387

MANAGEMENT

herd improvement measures of **management** 082143
Who owns Nebraska's farms? [**Management** 082175
production, planning & **management** (Review 082183
herd improvement measures of **management** 083966
animals: production & **management.** 8. [Bre- 084765
parasitism in goats through **management.** 085285
in dairy cattle as related to **management.** 085713
bedrock in forestry research & **management** 085828
Condiment plant culture & **management.** 2. 088559

Soil structure & **management.** [Fruit culture 088917
earnings by improvement of **management.** 2 082199
up to selection methods of **management.** 085895
Observation on **administrative activities** & t- 081906
of caloric & protein **additives administered** 084667
forecasting & **agricultural management.** 082133
Management of agricultural programmes in 082155
Agricultural management within limits of re- 082188
Anesthetic management of large animals wi- 085121
Farm **management aspects** of complex soil 082091
Management of **bees** in greenhouses. [Apis 091185
Correct feed **management--better** economics 084673
ways of thinking in **business management.** 082149
Effectiveness of **administering certain** antibi- 085455
protection & **administrative change** in state 092096
afte r **administration** of **chloromadinone** ace- 084889
Management of **colonies** for maximum honey 091102
How state forest **administration considers** r- 085884
requirement for **management control** in farm 082154
in pineapple culture. [**Management, costs**]. 082144
Varietal ecology & **cultural management** of 088560
reduction of pasture. [**Management, dairy** c- 088496
Management determines conception rates. 084822
Influence of **management** on **disease** control. 085718
Administering ditetracycline in cases of sal- 085456
in domain of forest **management drawing** up 085961
of FDA [food & **Drug Administration** to live- 082793
of FDA [Food & **Drug Administration**] to li- 082794
of FDA [Food & **Drug Administration**] to li- 082795
of FDA [Food & **Drug Administration**] to li- 082796
of FDA [food & **Drug Administration**] to liv- 082797
of FDA [Food & **Drug Administration**] to li- 082798
of FDA [Food & **Drug Administration**] to li- 083881
of FDA [Food & **Drug Administration**] to li- 083882
Inquiries--a prerequisite for **due management** 085897
Effects of oestrogne, **administered early** or l- 084868
concerning **economic administration** in vege- 082172
methods concerning **enterprise management** 083083
of a market oriented **enterprise management** 085886
Management by **exchange.** [Veterinarians]. 084992
Management factors associated with herd a- 082247
Management factors in coffee production in 088961
Training **farm managers** after Dusseldorf m- 081927
Farm management aspects of complex soil 082091
A **farm management** game for high school s- 082094
of farm accounting for **farm management.** 082104
Production patterns. [**Farm management**]. 082135
production. [Poultry **farm management**]. 082170
of crop rotation. [**Farm management,** grain] 082182
corresponding measure of **farm management** 082185
to combat them. [Dairy **farm management**] 082345
Evaluation by **farm management,** fattening of 084703
Farm management aspects of complex soil 092014
aspects. [Cattle, **farms, management**]. 082095
Evaluation by farm **management, fattening** of 084703
Correct **feed management--better** economics 084673
Beef cattle **feedlot management** in United S- 083925
Capital structure & **financial management** p- 082299
Effect of frequency of **food administration** of 084400
Selection **forest management** in South West- 085319
How state **forest administration** considers r- 085884
Welfare aspects in **forest management,** plan- 085909
Goal programming for **forest management.** 085914
New British tables for **forest management.** 085927
Managing forest land for recreational use by 085938
tasks in domain of **forest management** draw- 085961
automatic drawing up of **forest management** 085963
Basic policies of **forest administration** & bu- 085966
of accounts & statistics. [**Forest management**] 085973
New trends in **forests management** in France 085928
A farm **management game** for high school s- 082094
Swine: feeding & **managing gestating** sows. 084785
of crop rotation. [Farm **management, grain**] 082182
Greenhouse management for grape culture. 088794
Management of **head** injury patient. [Veteri- 085770
medicine cattle **health management**]. 085150
of various types of **heath management.** 086650
Management of **high** density apple orchards 088682
organization & **management** of **horticulture** 082165
Needed--**improved management** skills in food 083082
which begin with **improving management** wi- 082083
in dog by **administration** of an **increased** do- 084158
organisation, **intensive management.** 082185
Equipment & **management** of an **intensive** c- 085004
produced by **intranasal administration** of E- 085114
Consumptive use & **irrigation management** f- 088489
Good **irrigation management** saves rice farm 088502
Breeding & **kennel management.** [Dogs]. 084751
Conditions of farm & **labor management** in 082181
Labor & **labor management.** [Orchards]. 088871
Conditions of farm & **labor management** in 088912
Landscape management today. 092298
Diagnosis & **management** of **lower** urinary t- 085768
Management of **lower** Var valley. [Water so- 092130
Management of **Lutana** cicer milkvetch for 088460
problem of liquid **manure management.** 085215
survival after **administration** of **melengestrol** 084928
substantiation of **modern management.** [For- 085962
profitability through **nitrogen management.** 089567
Effects of **oestrogne, administered** early or l- 084868
Managing & organizing of large scale use of 091390
il. Efficacy of **parenteral administration** in 084857
health foods, composting, **pest management,** 088818
insecticides in orchard **pest management.** 089986
to riparian & **phreatophyte management.** 085870
aspects in forest **management, planning** fore- 085909
veld classification & **management planning.** 088497
efficiency of aquatic **plant management** thro- 089653
Management practices for various areas in 088348
structure & financial **management practices** 082299
Pregnancy management program. [Dogs]. 084753
Management & problem of beef cattle ranch- 083971
Pregnancy **management program.** [Dogs]. 084753
Principles of water **quality management.** 7. 092101
southwestern Montana. [**Range management**] 088536
companion in intesive **range management,** R- 089725
tropical grazing lands. [**Range management**] 088518
Management of **reproduction** sphere in indu- 083980
composting, pest **management, research,** food 088818
Goals for **resource management.** 092365
Problems of **resource management.** 092367
in intesive range **management, Rumex** contr- 089725
diagnostic value. IV. **Sample management,** s- 085018
Recent research on **sanitation management** 085052
Good irrigation **management saves** rice farm 088502
Needed--improved **management skills** in food 083082
Snowdrift management can increase water-h- 092212
Soil will take revenge. [**Soil management**]. 092068
Nitrogen nutrition, **soil management** & nitr- 092003
Relationship of **spaced administration** of lar- 085341
value. IV. Sample **management, staining,** & 085018
Management of **sterility** & obstetrical probl- 084750
Burning as a **supporting management** in con- 089655
Swine management in Kalmar County. 082650
Technical management in hay & green forage 088341
planning & programing **timber management** 085985
Landscape **management today.** 092298
Beech production & **management** in **Tyskla-d.** 085950
crops & their **management** on **undersown** fo- 086649
Havel-Dosse" **Utilization, management,** & y- 088391
of literature on solid **waste management.** 092330
Water & **wastewater management** in dairy p- 092223
materials in agricultural **water management** 091366
of agriculture in **water management.** 092077
Efficient **water management** for lower Bhaw- 092202
of scientific research on **water management.** 092259
Constraints in **water management** on agricul- 092279
change in state **water management** in Pacific 092096
for a project for **management** of **waters** of ri- 092172

MANDARINS

"fewtrell orange"--an **early mandarin** variety 088630
naphthaleneacetic acid in **Kinnow mandarin.** 088078
Notes on varieties of late **maturing mandarin** 088788
in cultural techniques for **mandarin orange.** 088797
Japanese export of **mandarin oranges** to Ca- 082422
Kinnow with confidence. [**Mandarin oranges** 088880
Adaptability of **pixie mandarins** for canning 083715
Coloring of **Satsuma mandarin** (Citrus unshu 088095
Abnormal defoliation of **Satsuma mandarin** 089518

MANDIBLES

study of age changes in **skull, mandible** & t- 084206

MANDUCA

of tanning in tobacco **hornworm, Manduca** s- 090671
Flight behavior of **Manduca moths** as a fact- 089905
with water-soluble stains. [**Manduca sexta**]. 090657
protein into cuticle of **Manduca sexta.** 090686

MANGANESE

of dietary allowances. I. **Manganese.** 082981
soil dressings & foliar sprays of **manganese** 087781
fertilizer as carriers for **manganese.** 091914
Manganese absorption by excised roots of r- 087644
on content of **active manganese** in important 091498
Correcting manganese deficiency in soybeans 087814
damage caused by open **manganese mining.** 092060
Influence of **manganese supply** on reproduct- 084772
saturation of soil complex. [**Zinc, manganese** 091605

MANGIFERA

of axillary flowering in **Mangifera indica** L. 087923
of mango seeds (**Mangifera indica,** var. Bull- 088006
flowering of mango (**Mangifera indica** L.). 088074
ageing process in mango (**Mangifera indica** 088194

MANGOES

Harvesting, storage & transport of **mango.** 083691
storage & transportation of **mangoes.** 083692
of total carotenoid pigments in **mango.** 083787
Some pollination problems in **mango.** 087922
flowering in Mangifera indica L. [**Mangoes**] 087923
chemicals on growth & flowering of **mango** 088074
of total carotenoid pigments in **mango.** 088084
leaves with their ageing process in **mango** 088194
Harvesting, storage & transport of **mango.** 088552
to storage & ripening in **mango fruit.** 083690
regulators on storage life of **mango fruit.** 083832
classification of **mango rootstocks** in nursery 088551
Polysaccharides of **mango seeds** (Mangifera 088006

MANGROVES

of herbicides on seedlings of **red mangrove,** 089614
of forms of sulfur in **mangrove soils:** Proof of 091478

MANIHOT

karyotypes of some **Manihot species.** 086858

MANNANS

Structure of **mannans** of **palm** Erythea edulis 088135
holstii) a possible step in **mannan synthesis** 087270

MANNOSES

Forest virus & reversal of block by **mannose** 085582
from guanosine **diphosphate mannose** to dol- 087270
phosphates & **mannosyl transferases** in Pha- 088146

MANOMETRY

modification of **manometric method** for dete- 083708

MANUAL

Garden manual. 088827
Development of a **manual** for **livestock** proj- 082558
Pesticides manual: classification, toxicities, 090358

MANUFACTURE

Manufacture of **canned** sausages withlong s- 083425
Control of molds in **cheese manufacture.** 082841
thermophilus in **cheese manufacture** & a new 083333
by waste from **chromate manufacture.** 092389
Wood waste **composts manufacture** & applic- 086270
adjusting of **fibreboards manufactured** by wet 086170
Manufacturing of **frame** work parts from ve- 086235
Process for **manufacturing granulated** phosp- 091824
properties of SIS **hardboard manufactured** f- 086191
Studies on **manufacturing** of **laminated** wood 086243
for printing & writing **paper manufacture.** 086215
Profitable manufacture of yogurt & propagat- 083345
Some problems in **sake manufacturing.** 083135
of pre-carbonatation. [**Sugar manufacture**]. 083585
rennet rennilase for **manufacture** of **Tilsiter,** 083258
Yoghourt manufacture. 083276

MANURE

Odor control may be a big concern. [**Manure**] 091901
lysimeters. [Poultry **manure application**]. 091649
Application of **artificial manure** after sowing 091933
to do with **manure** from 40,000 **chickens.** 092424
Manuring of **chillies** in India, rainfed crop. 091850
Effect of **manuring** & **different** density of st- 087649
phosphorus, potassium, & **manure factorially** 091817
fertilizers with & without **farmyard manure** 087811
nitrogen losses during **manure fermentation** 091975
Fertility content of **fluid manure** from maine 092398
Soybeans for forage & **green manure.** 083872
Green manuring, a biological valuable meas- 088932
Parasitological problem of **liquid manure** m- 085215
experience in utilising semi-**liquid manure.** 091857
mobile application of semi-**liquid manure** & 091858
of cesium 80 & stirring of **liquid manure** (Gu- 091954
Study on simplification of **liquid manure** pr- 091975
application of semi-**liquid manure.** 091856
of percolates from **manured lysimeters.** [Pou- 091649
problem of liquid **manure management.** 085215
Manuring of **mulberry.** [Morus]. 091912
with different kinds of **organic manuring.** [G- 088322
from manured lysimeters. [**Poultry manure** 091649
Application limit of **poultry manure** for pad- 091792
from manured lysimeters. [**Poultry manure** 091920
deep pit in-house drying of **poultry manure.** 091949
simplification of liquid **manure production** & 091975
of preceding crops & **manuring** of **seed** stan- 088305
for testing & selection of **manure spreading** 091318
Investigation into **stock manuring** on a per- 091790
Sanitary problems of **manure utilization** in 084009
Effect of farm **yard manure** on availability of 091696

MAPLES

distribution in trunk of **hedge maple** (Acer 088297
Maples of **Japan.** [Acer palmatum]. 088571
of Euonymus mosaic virus, **maple leaf** perfor- 089335
lead on growth of loblolly pine & **red maple** 085824
Tolerance of half-sib families of **red maple** to 089185
yellow birch & sugar **maple seedlings.** [Betu- 086026
Sugar maple, a wealth. [Acer saccharum]. 086056

MAPPING

Ecological map for use in fruit culture. 088565
General staff like **maps** of **floristics.** 086469
Forest map & structure of forest fund. 085900
Photogrammetry in **mapping & forest** inven- 085917
Frequency mapping of blackberry species (086396
Genetic mapping in Saccharomyces [cerevis- 086928
Herbage map of Grand Duchy of Luxembou- 086625
Ordering of Y9 & Bf2 on **linkage map** of ch- 087088
Tentative **map positions** of genes & AB tran- 087031
Saccharomyces cerevisiae. II. **Map positions** 087103
Design of **psychrometric charts** for moist air 091330
Stereotaxic map of muscle fibers in indirect 090719
Mapping of **sulfur** dioxide immission & its u- 089566
Vegetative mapping & suitability of a stand 086679

MARASMIUS

ring of lawns in light soils. [**Marasmius**]. 089065
Histopathology of **Marasmius blight** of amer- 089192

superstition. [Lawn **diseases, Marasmius** or- 089172

MARC
SEE POMACE

MAREK
Vaccination **against Marek's** disease with A- 085258
Detecting Marek's disease herpesvirus: eval- 085263
morphogenesis & fate of **Marek's disease** & 085202
Immunoferritin sutides of **Marek's disease** v- 085245
with acute & mild strains of **Marek's disease** 085275
A field experiment of **Marek's disease** vacci- 085411
Diagnosis of **Marek's disease** & its control o- 085592
Control of **Marek's Disease** by vaccination 085593
strains of broilers to **Marek's disease.** [Avian 085676

MARES
SEE HORSES

MARGARINE
of some milk products & **margarine.** 082894
oil in preparation of seed oil & **margarines.** 083760
Microogranisms in **margarine deterioration.** 082844

MARIJUANA
Marijuana. [Hemp culture]. 088481

MARINE
A study of shell-boring **marine algae** around 086399
Marine algae of Virginia & Maryland includ- 086571
Marine algae of Wellington area: a list of s- 086614
A seasonal study of **marine algal** vegetation 086398
Revision of **marine Cladophorales** from Kar- 086393
Marine & estuarine pollution. 092457
anemia in mink fed raw **marine fish;** a five 085673
Diatoms of **marine littoral** of Steenberg's C- 086394
toxicity tests on **marine nanoplanktonic** alga 087363
Marine natural products. VIII pachydictyol 087214
Marine natural products of Atlantic zone. V 087615
marina & ciliate **Pleuronema marinum.** 086757
communities of exposed & **protected marine** 086502
Pascal soils developed on **marine sediments** 091550
of forest crops in **Maritime Territory.** [Larix 085823

MARKERS
W1 & W8657 with **chromocome** 6 **markers.** 087090
of alfalfa as affected by **genetic markers,** pl- 086890
maintenance of a **genetic marker** & a chrom- 090844
relations of opaque-7 with **marker loci** in li- 087044
Observations with **marked queens.** [Bees]. 091219
cards in recording data of **trees marked** for 085899

MARKETING
one beer; no words, little beer. [**Marketing**] 082339
Cost of **marketing** U.S. Livestock through d- 082891
one beer; no words, little beer. [**Marketing**] 083029
of cold in meat preservation for **marketing** 083482
Selecting beef cattle for **marketing.** 084744
way partnership. [**Marketing agreements**]. 082378
Priorities in **agricultural marketing** research 082315
Outlook of **marketing agricultural** products 082350
Marketing analysis for lumber industry. 086203
Central **Marketing Association** of German 082435
has considerable **marketing changes.** [Fruit 083580
Jersey blueberries in **marketing channels.** [089226
milk protein products, **marketing conditions,** 082346
plate container has **considerable marketing** 083580
passed through a serious **marketing crisis** in 082471
Marketing of **dairy** products in Quebec offe- 082459
Direct marketing in livestock industry. [Pou- 082334
raising in Japan. 3. [**Distribution, marketing** 082329
Marketing & exportation of Scotch whiskey 082481
broiler production & **marketing factors** to c- 082429
Marketing flowers in today's economy. 082441
stands: A necessary **marketing form.** 5. 082483
affect Oregon growers. [**Fruit, marketing**]. 082447
Production & **marketing** of **Gorgonzola** chee- 082439
Publicize or die! [**Honey, marketing**]. 082326
of real estate brokers in **marketing Illinois** 082051
Joint marketing spurs exports of U.S. Regis- 082371
Marketing margin of jowar in Dharwar ma- 082436
to new ways of **marketing** & **marketing** proc- 082468
Export **meat marketing:** Australian experien- 082324
concession stands: A **necessary marketing** fo- 082483
production & **marketing** in **northwest.** [Unit- 082070
Optimal marketing for export. [Dairy prod- 082312
peaches during growing & **marketing periods** 089151
Study on **marketing** of **potato.** 082359
for improvement of **marketing poultry** meat 082367
in Japan. 3. [Distribution, **marketing, prices** 082329
ways of marketing & **marketing procedures** 082468
modern milk protein **products, marketing** c- 082346
in U.S. [Agricultural **products, Marketing**]. 082456
effect on agricultural **products marketing.** 082462
modern milk protein **products, marketing** c- 083260
Marketing prognosis--investment calculations 082258
Priorities in agricultural **marketing research** 082315
pesticide regulation on **research, marketing** 090318
crop passed through a **serious marketing** cri- 082471
Marketing situation for winter citrus in Eur- 082394
Joint **marketing spurs** exports of U.S. Regis- 082371
a prerequisite for **successful marketing.** [Dai- 082348
Swine marketing in Sweden. 082311
Cooperative **timber marketing.** 086092
Hedging as a **marketing tool** for Western ca- 082332
Lead residues in **marketable vegetables** & fr- 082889
Marketing of **whisky** & alcohol within Euro- 082407

MARKETS
will Canadian agriculture share this **market** 082325
New pigs for new **markets.** [Great Britain]. 082342
milk & milk products in **supermarket.** 082343
Poultry & swine -competitors on **market.** 082427
Analysis of 1972 **market** & where to go in 1 082453
of a veterinary inspector at a **market.** 082787
in different kinds of cheese on **market.** 082893
Poultry & swine -competitors on **market.** 083165
Market analysis for vegetable paprika. 082414
Pricing efficiency of Indian **apple market.** 082409
by grades in major livestock **market areas** of 082428
size & location of livestock **auction markets** 082482
Market for **beef** in Japan. 082333
Economic Community] **market** for **beef** & v- 082360
Japanese **beef market.** 082449
Beef market in 1972. 082454
Japanese **beef market.** 083371
Coffee market in Belgium-Luxembourg. 082408
Common Market as an aid to modernization 081938
consumption in European **Common Market.** 082405
growth. [European **Common Market**]. 082444
Sharp contrast between **Common Market's** 082610
Glut in **cotton market.** 082358
Policy changes needed if **markets** to **develop** 082321
margin of jowar in **Dharwar market.** [Durra 082436
agricultural system & free **market economy** 082610
condition of shell **eggs marketed** in India. 082410
Quality of shell **eggs marketed** in India. 082411
condition of shell **eggs marketed** in India. 082766
Quality of shell **eggs marketed** in India. 082767
spur New Zealand's **market expansion.** 082387
U.S. competitors in Japan's **farm market.** 082391
Enrichment of low **fat market** milk with D v- 083291
Critical supply situation of **feed market.** 082425
Feed market with special line of sight on cl- 082478
table grapes move to U.S. **markets** for **first** 082379
Market's agricultural system & **free market** 082610
Sweet cherry **fresh market**--how to do it bet- 082448
Fresh market vegetable prices; revised esti- 082510
Quality of **fresh market** peaches subjected to 082671
gains ground in West **German market.** 082373
content of foods from **German market.** 033227
milk; aspects of its **market** in West **Germany.** 082415
with special regard to common **grain market** 082347
producers have new **market information** tool 086273
Activity of **market inspection** units in quality 082751
Review of group's **market intelligence** service 082356
step up their promotion in **Japan market.** 082392
prices by grades in major **livestock market** 082428
Bacteriological quality of **market milk** in P- 082807
Enrichment of low fat **market milk** with D v- 083291
Federal milk **order market** statistics; annual 082513
On possibilities of a **market oriented** enterp- 085886
How chain stores buy & **market peaches.** 082452
Quality of fresh **market peaches** subjected to 082671
protein supplement for **market pigs.** 084488
studies with boars as potential **market pigs.** 084489
Critical discussion of **market problems** relat- 082349
regard to common grain **market regulations:** 082347
About "stipules" of **Rhytidophyllum Mart.** 086800
Section market & segmenting of raw wood 086096
northern expansion, & **market** for **southern** 082420
French **soybean market.** 082464
Federal milk order **market statistics;** annual 082513
Policy of **market structure:** requirements, po- 082352
Domestic & foreign **sugar markets.** [Brazil] 082338
Situation on Greek **tobacco market.** 082472
Progression of invasion of **markets towards** 082331
Fresh **market vegetable** prices; revised esti- 082510
market & segmenting of raw **wood market.** 086096
consumers are paying in **world marketplace.** 082370
World market for agricultural products duri- 082474

MARKINGS
Marking of **dogs** vaccinated against rabies as 085541
Marking queens, a phenomenon of numb fri- 091225
Tobacco hornworm: **marking spermatophore** 090657

MARMOTA
parasites of woodchuck, **Marmota monax,** in 090232

MARROW
thymus cells & either bursa or **bone marrow** 085318

MARSHES
Mandia), exotic (Romney **Marsh, Corriedale)** 084825
Experimental work in **cultivating marsh.** 092049
Constituents of **marsh grass:** survey of essen- 087484
down of ground surface in **marshy heavy** clay 092046
Marshy lands & saline lands of Lushnja dist- 092018
longwool sheep. II. [Romney **Marsh, Leine,** 084918
Norwegian Marsh Society: 70 years. 081979
Phytosociological study of a **marsh reserve,** 086635

MARSSONINA
name change for **Marssonina, leafspot** disea- 089265

MASHES
Effect of **mashing intensity** on protein comp- 083541
during shortening of **mashing procedure.** 083539

MASS
Abdominal mass in chicken (Gallus domesti- 085776
Optimum superparasitism for **mass breeding** 089987
Life detection by gas **chromatography-mass** 091543
On **mass culture** of Wolffia arrhiza Wimmer 088954
Mass culture of Lemna minor L. in southwe- 088956
Mass culture of protococcal algae in open. 088957
Mass culture of microalgae in Bairam-Ali D- 088958
Mass culture of nitrogen-fixing Cyanophyta 088959
A study of **mass distribution** in turbulent tu- 086103
Relativity of overground **mass formation** to 087651
method of meat specific **mass measurement.** 083447
Mass selection for seedling survival in a shr- 087037
acid. IV. **Mass spectra** & chromatographic p- 087411
Mass sterilization of laboratory-reared Dro- 090658
velocity on heat & **mass transfer** coefficients 083678

MASTITIS
of dairy cattle & protection **against mastitis** 085379
Bovine mastitis: effects & control. [Brazil]. 085380
Occurrence of antibodies in **bovine mastitis** 085477
Preliminary report on **bovine mastitis** in Ir- 085543
disorders of udder. [**Mastitis, cattle**]. 083330
of Klebsiella organisms. [**Mastitis, dairy** cat- 085209
associated studies on **experimental mastitis** 085290
machine on rate of new **mastitis infections.** 085389
Mastitis-metritis-agalactia complex (MMA) 085332
Mastitis & milk proteins. 085347
Mastitis prevention. [Staphylococcus, Strep- 085516
Death of cattle with **pyogenous mastitis** after 085325
Virulence of two **mastitis strains** of Staphyl- 085374
cow's milk fat in case of **subclinical mastitis** 083360
On effect of **subclinical mastitis** on certain 083361
cow's milk fat in case of **subclinical mastitis** 085466
On effect of **subclinical mastitis** on certain 085467
Bovine **toxic mastitis.** 085382

MATHEMATICS
Using genetics-**mathematical analysis** in bre- 084964
Complex mathematical planning of farm ma- 091351
Mathematical expression of reducation of b- 083451
of application of **mathematical methods** in h- 088585
Mathematical model of thermal degradation 083117
A **mathematical model** for a continuous syst- 083600
Mathematical modelling of radionuclide vert- 091705
A **mathematical study** of resonance in intact 088077

MATING
Production zones of **mate.** [Ilex paraguarien- 082530
Mustela vison, recorded as 'failed to **mate**'. 084869
Reproduction of melon fly: **mating activity** 090028
of flight activity & **mating behavior** of drones 091092
Pheromone production & **mating behaviour** 090704
in Apis cerana. 1. **Mating behaviour.** 091164
morphological criteria & by **cross-mating** ex- 090776
of Dysdercus in relation to **mating** & **egg** la- 090853
Mating of **honey** bee queens in mating stati- 091208
bee workers to queens in **mating nuclei.** [Ap- 091171
suckling & time to **mating** after **parturition** 084866
Courtship processing in Drosophila melanog- 090449
Courtship processing in Drosophila melanog- 090450
Development of **mating propensity** in two k- 090451
Effects of various **mating stimuli** on LH[lute- 084847
Mating types & macrocyst formation in Dic- 087107
Distribution of **mating types** of Phytophtho- 089183
Mating types of Phytophthora palmivora in 089238

MATRICES
Influence of **matric potential** of soil on diur- 088072

MATURITY
of several species, varieties, & **maturities.** [083550
of adjusting to other than **mature age.** 084246
on fruit growth & **maturity** in **bananas.** 088219
Maturing beef in stretch-film wrapping. 083426
of reddish color in **maturity** of **detached** kaki 083804
Early maturing field beans. 088568
in peanuts as a means to **evaluate maturity** 083595
Early **maturing field** beans. 088568
ovary of prepubertal & sexually **mature gilts** 084386
Methods for prediction of **harvest maturity** 088922
leaves as influenced by **leaf maturity** & shade 088123
Notes on varieties of late **maturing mandarin** 088788
in Drosophila **melanogaster mature** oocytes 090740
juvenile hormone on **maturation** of **oocytes** 090649
Drosophila melanogaster **mature oocytes.** 090740
of carbon dioxide by **mature pineapple** plants 087953
Tissue composition changes in **mature rats** f- 082944
Methods for **maturing raw** sausages. 083415
Maturity responses of Sultanina grapes to g- 088223
Harvest groundnut M-13 at **right maturity** f- 088491
yield at **maturity** of same **seedlings.** 088965
of stomatal activity in **mature semiarid** site 088248
of ovary of prepubertal & **sexually mature** gi- 084386

Maturing, smoking & cooking in industrial 083417
vegetative amoebae & **mature sorocarps** of c- 087353
among inbreds for black **spot maturity** & fill- 087094
weight of 100 plucked shoots in **mature tea** 088964
on initiation & **maturation** of **vascular** tissues 087981
Preliminary study on **maturation** of **wheat** f- 083528

MAZZARDS
of sour cherries & **mazzard cherries.** 086955

MEADOWS
in sward of reclaimed & **cultured meadows.** 087812
Flowering meadows & their significance for 081942
of certain vegetation types: **forest, meadow** 086656
accelerate drying process of **meadow grass.** 083890
utilization of **meadows**--an **important** object- 088548
tests in plant communities of **meadow-land** 086619
manure on yields from **mountain meadows.** 087811
plants during succession of **mowed meadows** 090409
Duchy of Luxembourg, [**Pastures, meadows**] 086625
stock manuring on a **permanent meadow** in 091790

MEALS
Evaluation of **alfalfa meal** as a dietary ingre- 084463
Effect of feeding of **alfalfa meal** on perform- 084666
in identification of tsetse **blood meals.** [Glos- 085225
Effect of level of meat & **bone meal** supple- 084439
Effect of level of inclusion of **citrus meal** on 084709
Studies on utilization of **coconut meal:** a new 083791
Utilization of **cottenseed meal** in swine feed- 084416
Effect of increased levels of **cottonseed meal** 084399
Effect of increased levels of **cottonseed meal** 084401
Evaluation of **crab meal** as a dietary ingredi- 084464
increasing U. S. Soybean & **meal exports.** 082445
with hydrogen peroxide. [Casein, **fish meal**] 083151
Possibility of **fish meal** sterilisation by gam- 083911
phosphate in diets with & without **fish meal** 084462
Decapterus macrosoma) **fish meal** & its nutr- 084665
corn) & protein (Torula yeast, **fish meal** & 084707
competition of almond moth, **Indian meal** m- 090193
influencing abundance of **Indian meal** moth, 090217
of almond moth, Indian **meal moth,** & raisin 090193
influencing abundance of Indian **meal moth,** 090217
Influence of rapeseed **oil meal** in rations of 084682
Differently treated rapeseed **oil meals** for fa- 084683
Poland's **oilseed meal** situation & outlook s- 082445
of nonprotein nitrogen from **oilseed meals** w- 083552
in peanuts, peanut butter, **peanut meal,** & o- 082789
Rapeseed meal & **peanut meal** as compleme- 084506
Rapeseed meal as a protein supplement for 084497
Rapeseed meal for lactating dairy cows. 084502
Rapeseed meal & peanut meal as compleme- 084506
On **rapeseed meals.** XXIV. Quality & nutrit- 084652
from steamed potatoes & **rapeseed meal** in 084653
of organochlorine pesticides in **school meals** 082857
Poland's oilseed **meal situation** & outlook s- 082445
multolupa") compared with **soybean meal,** u- 084436
Rapeseed, sunflower, & **soybean meal** suppl- 084587
Possibility of fish **meal sterilisation** by gam- 083911
sunflower, & soybean **meal supplementation** 084587
of level of meat & bone **meal supplements** on 084439

MEALY
Feeding sites of **mealy plum** aaphid, Hyalop- 090090
Mealy stringybark, Eucalyptus cephalocarpa 086365

MEALYBUGS
Control of **root mealybugs** on foliage plants. 090008

MEAT
protein foods & future demand for **meat.** 082362
More **meat!** [Foreign trade]. 082431
World-wide consumption of **meat.** 082463
method of analysis for nitrite in **meat.** 082695
biologically active antibiotic residues in **meat.** 082757
protein foods & future demand for **meat.** 083072
method of analysis for nitrite in **meat.** 083403
cooking in industrial plant. [**Meat**]. 083417
distributive circuits of **meat:** evolutions & pe- 083443
riboflavin determination in **meat.** 083448
population in pasteurization process. [**Meat**] 083451
Turning livestock into **meat.** 083479
on growth of chickens for **meat.** 084329
Rearing of Barbary ducks for **meat.** 084782
What is a **meat animal?** [Growth]. 085422
protein--a piece of textured **artificial meat** or 082934
Vegetable proteins in **basic meat** products. 083442
Meat from **big** game of Africa. 083492
Effect of level of **meat & bone** meal supple- 084439
Modernization of **Brazilian meat** industry: 082469
test in production of **meat** from **Brown** Alpi- 084879
if markets to develop. [**Meat, Canada**]. 082321
system of food control in **meat & canned** fo- 082758
Micronutrients in **canned meats.** 082914
Modern heat sterilization of **canned meats.** 083422
CM-sephadex ion exchanger. [**Cereals, meats**] 082736
Salmonella contamination of **chicken meat** 082834
states & with cytochrome c. [**Meat color**]. 083464
Combined meat works as an experimental p- 083412
Means of regulation of **meat consumption.** 082595
Aspects of **cooling meat** & meat products in 083416
Keeping quality of **cured meat** products of l- 082733
brine bacteria on properties of **cured meat.** 083427
Keeping quality of **cured meat** products of l- 083431
quality of tinned **meat depending** on freshne- 082771
lactic acid content of swine **meat, dry** salami 083400
Problems & trends in world **meat economy.** 082586
of physical frame of cows to **meat efficiency** 084381
On use of binders in **meat emulsions.** 083401
standards for consumer to **evaluate meat &** 082729
Export meat marketing: Australian experien- 082324
for evaluation of **meatiness & fattiness** of sw- 082784
An economic analysis of red **meat, fish,** poul- 082461
economic effectiveness of feeds in **fish meat** 083914
Meat-, fish-, & poultry-processing wastes. 092442
studies on discoloration of **fresh meat.** 083468
acid content of lipids in **meat** of **freshwater** 083226
Meat & game. [Quality]. 082717
Changes in **meat grading** & pricing structure 082848
from horses & horse-**meat handlers.** 085494
s export abattoir. [Animal **health, meat** insp- 082879
coli isolated from horses & **horse-meat** hand- 085494
Modernization of Brazilian **meat industry:** 082469
Meat industry statistics. 082487
trucks & their employment in **meat industry** 083413
in a medium size plant. [**Meat industry**]. 083420
Training for **meat industry** in Debrecen. 083434
Innovation movement in **meat industry.** 083436
Modernization of Brazilian **meat industry:** 083488
of efficient automation. VII. [**Meat industry** 083511
Beef cattle & **meat industry** of North Rhine 083996
abattoir. [Animal health, **meat inspection**]. 082879
on Meat, Rome, 25-29 **June** 1973, **Meat** tra- 082354
A **meat** for **keeping:** poultry meat. 083503
order to increase production of **lambs meat** 084894
Meat & Livestock Commission: veterinary a- 082880
Export **meat marketing:** Australian experien- 082324
Meat & meat products production. 082569
Chemical examination of **meat & meat** prod- 083392
a facultative psychrotroph in **meat & meat** 083395
phosphorus determination of **meat & meat** p- 083437
Residues of veterinary drugs in **milk, meats** 082672
Explanations of new **meat ordinance.** 082568
Carnitine contents of **meat & organs** of slau- 083399
intensification of production. [**Meat packing** 083410
hormone on fattening **performance, meat** qu- 084138
for improvement of marketing **poultry meat** 082367
A meat for keeping: **poultry meat.** 083503
for improvement of marketing **poultry meat** 083509
Biochemical changes in **poultry meat** after s- 083510
of extruded, texturized **poultry meat.** 083513
in mechanically deboned **poultry meat** by 083516
Role of cold in **meat preservation** for marke- 083482
factor for practice of **meat processing.** [Wat- 083418
most suitable materials in **meat processing** p- 083440
of Sporothrix schenckii in a **meat product.** 082826
keeping mother animal for **meat production** 082216
Optimization of **meat production.** 083421
of feeds in fish **meat production.** 083914
Development of **meat production** through ce- 084008
Feeding turkeys for **meat production.** 084524
Large scale **meat production.** [Feedlots]. 084627
Meat & **meat products** production. 082569
Keeping quality of cured **meat products** of l- 082733
Meat products analyses increase fourfold. [082745
examination of meat & **meat products** with 083392
psychrotroph in meat & **meat products.** [Lis- 083395
Essay of soya-protein in **meat products** by i- 083396
Compounded seasonings for **meat products.** 083409
Aspects of cooling meat & **meat products** in 083416
Keeping quality of cured **meat products** of l- 083431
determination of meat & **meat products** app- 083437
Vegetable proteins in basic **meat products.** 083442
of glucose determination in **meat products.** 083449
on fattening performance, **meat quality** & va- 084138
Some aspects of **raw meat** tenderness. A stu- 082958
study on optimization of **meat-raw** material 083452
An economic analysis of **red meat,** fish, poul- 082461
Red meat & poultry inspection: microbiology 082830
An economic analysis of **red meat,** fish, poul- 082988
Intergovernmental Group on **Meat, Rome,** 082354
Large **scale meat** production. [Feedlots]. 084627
Changes in **meat** after **slaughter.** 083423
Volumetric method of **meat specific** mass m- 083447
Livestock & **meat statistics.** 082514
prudent work of Zerbst "**Meat Swine**" coop- 082129
Pyruvic & lactic acid content of **swine meat,** 083400
ratio as an index of **meatiness** of **swine** carc- 083446
State of **meat technology** & development tr- 083435
Some aspects of raw **meat tenderness.** A stu- 082958
in bovine muscle tissue. [**Meat tenderness**]. 083455
measurements of **meat tenderness** using nip 083472
Intergovernmental Group on **Meat, third** se- 082355
Intergovernmental Group on **Meat, third** se- 082558
hygienic condition & quality of **tinned meat** 082771
Meat, Rome, 25-29 June 1973, **Meat trade** 082354
Brazil will surpass Argentina in **meat trade** 082469
June 1973. Discussion on **meat** in **UNCTAD** 082557
reared in Uzbekistan for **meat & wool.** 084010
Combined **meat works** as an experimental p- 083412
Problems & trends in **world meat** economy. 082586
body measurement, & **meat yield.** 084879

MECHANICS
granulometric analysis (**mechanical analysis)** 091496
A **mechanical** means of **blood** vessel ligation 085123
Effect of **mechanical crushing** grinding of sa- 091726
of bone content in **mechanically deboned** po- 083516
On raltion between **mechanical defibrate** co- 086191
Mechanical exploitation. [Logging]. 086239
yeast culture in diets for **mechanically-fed** n- 084578
exchange capacity of **mechanical fractions** in 091702
Testing of some **mechanical functions** of fert- 091319
subjected to a **mechanical harvesting** & field 082671
Mechanical harvesting of sugarcane. 088359
ethephon as an aid to **mechanical harvesting** 088902
Mechanical harvesting of sugarcane. 091327
Methods related to **mechanical harvesting** of 091428
Mechanical harvesting of black currants. [E- 091436
Mechanical harvesting of stwarberries. 091449
Advances in **mechanical harvesting** & handli- 091452
Mechanical harvesting of flue-cured tobacco. 091473
** 091474
of flue-cured tobacco. 2. **Mechanical leaf** ali- 091473
preparation & **mechanical measurement** tec- 083679
Mechanical measurements of meat tenderne- 083472
yield of sugar beets in **mechanical planting** 088435
Mechanical planting of grasses. 091415
physical & **mechanical properties** of Cilician 086157
Mechanical properties & specific gravity of 086263
lumber. I. On some **mechanical properties** of 086269
Mechanical properties of soil-air-water syst- 091583
picking machine. I. On **mechanical property** 091439
Astab--an equipment for **mechanical pruning** 085993
Mechanical pulp--a product of future? 086245
Effects of **mechanical shock** on chemistry of 089825
Development trends in **mechanical soil** culti- 091460
Mechanics of **teat** & teatcup liner during mi- 083961
Response of **mechanically-topped** apple trees 088053
Mechanical transmission of Euonymus mosa- 089335
Judgement of **mechanical trimming** of trees 086045
Mechanical weed ocntrol in corn culture is t- 089684

MECHANIZATION
laying-hen installations. [**Mechanization**]. 091238
Developments in **mechanisation.** [Farms, Gr- 091329
education in **agricultural mechanization.** 081901
in domain of **agricultural mechanization.** 082503
Glance at **agricultural mechanization** in Bra- 091410
Mechanization in **agriculture** & its related 088838
of stations to **mechanization** of **agriculture** of 091281
Points on **mechanization** of **agriculture.** 091336
Mechanization in **agriculture** & its related 091446
in sphere of **mechanization & automation** of 086224
Some problems **concerning mechanization** of 091387
Central yards of **mechanized conversion** set 086234
canning industry on **mechanized cucumber** g- 083807
efficiency in **mechanization** of **dairy** cattle f- 082264
Mechanization of a **deformation** adjustment 086161
Extension of **mechanization essential** condit- 091424
Feasibility of **mechanization** in **execution** of 092150
Farm mechanization in Greece; costs analys- 082296
Farm mechanisation in context of modern t- 091442
Farm mechanisation, a new dimension to ru- 091443
Mechanization of **grape** culture & preservat- 091425
of study & information: **Mechanized harvest** 088584
Mechanized harvesting for blueberries? 082670
developments **including mechanization** of op- 092134
Mechanization of **information** retrieval in li- 084734
Timis in relation to **mechanization** of **labor** 091281
for **mechanization & maintenance** of irrigati- 082582
Mechanization of **operations** in growing of s- 091431
Mechanized ramified sprinkler irrigation ins- 092140
Mechanization of **sheep** shearing. 091438
Mechanized silage feeding from horizontal s- 084486
Mechanization of **storehouses** & outlays of 091402
Mechanization in **swine** rearing. 091441
Switzerland, state of **mechanization, tasks** of 091466
Mechanization of **tobacco** culture.I. 091437
information: **Mechanization** of **traditional** a- 091412
work in Soviet Union to **mechanize tree &** 088664
Mechanization of **work** in Finnish sawmills. 086227
Technology in **mechanization** of **work** in gra- 091422
Results from **mechanization** of **work** in grape 091423
Mechanization of **work** for elimination of tw- 091426
Murfatlar in area of **mechanization** of **work** 091427
of development of **mechanization** of **works** of 091429

MECOPTERA
Panorpa & Brachypanorpa (**Mecoptera:** Pa- 090571

MEDICAGO
characters in alfalfa (**Medicago sativa** L.). I. 086991
of seed stands of alfalfa (**Medicago sativa** L. 088305
Pseudopeziza medicaginis in **Medicago spp.** 089222

MEDICAL
one kind of **medical environmental** problem. 082839

MEDICINE
color additives in food & **medications.** 082881
solutions as surface disinfectants. [**Medicine** 085056
Genetics in small **animal medicine.** 084754
Physical examination & **medication** of **caged** 085009

Principles of **cardiopulmonary medicine.** [H- 085148
engine practice. [Veterinary **medicine cattle** 085150
Medicinal uses of **common** Indian vegetables 088175
Medicinal feed importance & use. 084644
Pediatric medicine. [Foals]. 085149
investigation of **medicinal plants.** X. Analysis 087453
Seeds of **medicinal plants.** 088945
of Veterinary **Medicine, Serbia.** 085159
Butozana. [Veterinary **medicine, teaching**]. 085156
complications. [**Veterinary medicine**]. 084997
DVM. [Doctor of **veterinary medicine**]. 084998
Gastrointestinal] tract. [**Veterinary medicine**] 084999
Referrals in **veterinary medicine.** 085000
intensive care facility. [**Veterinary medicine**] 085004
to electromyography. [**Veterinary medicine**] 085006
Necropsy. [**Veterinary medicine**]. 085013
examination. [**Veterinary medicine**]. 085018
inhalation anesthesia. [**Veterinary medicine**] 085019
fluid accumulations. [**Veterinary medicine**]. 085023
equipment. [**Veterinary medicine**]. 085024
of bladder & urethra. [**Veterinary medicine**] 085028
Spinal surgery. [**Veterinary medicine**]. 085037
Use of prostaglandins in **veterinary medicine** 085071
total error. [**Veterinary medicine**]. 085077
Veterinary medicine & professionalism. 085083
activity of enzyme in **veterinary medicine.** 085102
Developments in **veterinary medicine** as a d- 085105
of Experimental **Veterinary Medicine,** 1966 085108
of scientific research. [**Veterinary medicine**] 085109
recommendations. [**Veterinary medicine**]. 085110
with foreign countires. [**Veterinary medicine** 085111
of Experimental **Veterinary Medicine.** 085112
of Experimental **Veterinary Medicine.** 085113
diagnostic systems in **veterinary medicine.** 085116
with dogs & cats. [**Veterinary medicine**]. 085124
methods in **veterinary medicine** & animal br- 085127
fire engine practice. [**Veterinary medicine** c- 085150
for practical growth. [**Veterinary medicine**] 085151
Montenegro **veterinary medicine.** 085154
Dr. Vase Butozana. [**Veterinary medicine,** t- 085156
A short history of **veterinary medicine** of Sl- 085158
for Improvement of **Veterinary Medicine,** S- 085159
From history of **veterinary medicine** within 085165
against bacteria. [**Veterinary medicine**]. 085238
in forensic **veterinary medicine.** 085424
of Experimental **Veterinary Medicine.** [Live- 085441
Results & objectives of **veterinary medicine** 085447
Pasteurella multocida. [**Veterinary medicine** 085458
at molecular level. [**Veterinary medicine**]. 085464
eysergide, amphetamine, **veterinary medicine**] 085483
cancer therapy in **veterinary medicine.** 085610
Clinical allergy. [**Veterinary medicine**]. 085614
Epilepsy. [**Veterinary medicine**]. 085616
Cervical spinal cord. [**Veterinary medicine**] 085617
Diuretic therapy in **veterinary medicine.** 085714
of head injury patient. [**Veterinary medicine** 085770
chelates in therapy. [**Veterinary medicine**]. 085804
intensive care facility. [**Veterinary medicine**] 085005
sampling. [dogs, pigs, **veterinary medicine**]. 085139
of Experimental **Veterinary Medicine.** 085791

MEGACHILE

Rearing larvae of leaf-cutter **bee Megachile** 090651
activity of alfalfa leaf-cutter **bee Megachile** 090652
bees in Canada. [**Megachile rotundata**]. 091109

MEGACHILIDAE

Mor. Hymenoptera: **Megachilidae.** 090803
submicans Mor. Hymenoptera: **Megachilidae.** 090805
bees for students of biology. [**Megachilidae**] 090899

MEIGENIA

Ichneumonidae) & in **Meigenia bisignata** M- 089796

MEIOSIS

sex chromosomal nondisjunction in **meiosis.** 084181
Protein synthesis during **meiosis.** [Lilium]. 088069
Meiosis. III. elastica, & Markov processes 090627
produced **meiotic abnormalities.** [Corn]. 087048
Mutations **affecting meiosis** in Podospora a- 087105
Meiotic behavior in mushroom Collybia ma- 086765
Meiotic behavior of Drosophila oocyte. 090622
reproductive organs, & **meiosis** in **bisexual** n- 090607
of protein synthesis in **meiotic cells** & its ef- 086768
Action of phleomycin on **meiotic cells.** [Lili- 086968
DNA through **meiosis** in **Chlamydomonas** re- 086764
Meiotic consequences of a combined treatm- 086967
Meiosis in **Coprinus.** II. Chromosome pairi- 090626
activities in synchronous **meiotic cycle** of Lil- 086767
of Lilium DNA during **meiotic cycle.** 086772
An investigation of **meiosis** in **diploid** (Morus 087162
interchange at **meiosis** in **Drosophila.** II. S- 090624
curly inversions on **meiosis** in **Drosophila** m- 090628
determined before **meiosis,** & for a **general** 086766
Meiosis in **grasshopper:** chiasma frequency a- 090629
Meiotic irregularities in hybrids between di- 086909
Male meiosis in some amphimictic & apomi- 086874
Meiosis in **male** of Puto albicans (Coccoidea 090625
Effect of low temperature on **male meiosis** in 091160
envelope in post **meiotic microspores** of Pin- 086769
Meiosis in **Ornithogalum** virens (Liliaceae). 086970
Meiosis & pollen viability in hexaploid Triti- 086891
at nuclear envelope in **post meiotic** microsp- 086769
acid precursors. II. Effects on **post-meiotic** 090742
Experimentally **produced meiotic** abnormalit- 087048
DNA synthesis during **meiotic prophase** in 084120
of DNA synthesis during **meiotic prophase** in 086771
diplotene stage of **meiotic prophase.** 090626
of DNA & histone in **meiosis** of **Prrhocoris** 090631
sectioning study of some **meiotic stages** in S- 090516
repairs activities in **synchronous meiotic** cyc- 086767

MELAMPSORACEAE

in sugar level in leaves. [**Melampsora larici-** 089112
for rust resistance in flax. [**Melampsora lini** 087118

MELANCONIACEAE

tree in France. [**Gloeosporium amygdalinum,** 089021
marketing channels. [**Gloeosporium, Botrytis** 089226

MELANISM

Studies on pathology of **combined melanic** 084189
encapsulation & **melanization** of some **insect** 089787
Aberration of **melanization** in a **localized** p- 090819

MELANOMA

Melanoma in **cornea** of mare. 085740

MELANOPLUS

in females of grasshopper **Melanoplus femur** 090518
temperature & X-rays. [**Melanoplus femur-r-** 090629

MELANOTUS

Response of **Melanotus communis** (Coleopte- 090492

MELANTHERA

of North American & **Caribbean Melanthera** 086567

MELENGESTROL

cattle with implants of **melengestrol acetate** 084767
after administration of **melengestrol acetate** 084928

MELIACEAE

for planting in Virgin Islands. [**Swietenia**]. 086089

MELILOTUS

studies of induced mutants in **Melilotus alba** 086895

MELINIS

of molasses grass (**Melinis minutiflora** Beauv 087140

MELIODOGYNE

Control of **Meliodogyne incognita** on peach 089551

MELIORATION

Yield increase & **melioration.** 092013
aspects of complex **soil melioration.** 082091
Results of forest **soil melioration** in western 092011
aspects of complex **soil melioration.** 092014

MELIPONA

on male meiosis in **Melipona marginata.** 091160

MELITTIN

Structure of **melittin isolated** from two spec- 091126

MELOIDOGYNE

Controlling Meloidogyne incognita Chitwood 089488
Georgia cotton fields. [**Cyperus, Meloidogyne** 089547
in West Pakistan. [**Meloidogyne hapla**]. 089553
soil fumigation. [**meloidogyne incognita,** Pra- 089548
Pratylenchus **penetrans, Meloidogyne**]. 089197

MELOLONTHIDAE

Dynastini (**Coleoptera, Melolonthidae**). 090881

MELOLONTHINAE

Nematodes of **Melolontha afflicta** Ball. In 090831
vulgaris Fabr.) & **Melolontha hippocastani** 090163
of white grubs (**Melolontha melolontha**) by 089965
in populations of **Melolontha melolontha** L. 090487

MELONGENA

SEE SOLANUM

MELONS

producers provide a variety of **melons.** 082455
Cultivation of **melons** in **Andhra** Pradesh. 088775
of citrus tristeza virus by **melon aphid.** 089378
Reproduction of **melon fly:** mating activity 090028
A yellow-eyed mutant of **melon fly.** [Dacus 090032
vegetables, **melons, strawberries.** 082510

MELOTHRIA

SEE

MELTING

Characteristics of Polish **waxes melted** from 083202

MELTWATER

SEE WATER

MEMBRACIDAE

Colombian Membracidae fauna. 2. genus Sp- 090940
Membracidae fauna of Colombia. 1. Genus 090971

MEMBRANES

directed intracellular & **membrane antigens** 085245
of plasma **membrane-associated** adenosine th- 087851
DNA-**membrane association** during mitotic 087370
reduction potential of **membrane-bound** chlo- 087279
Helminthosporium maydis on **cell membrane** 089138
Effect of ozone on leaf **cell membranes.** [To- 089455
Relationship of milk fat **globule membrane** 083316
to chlorophyll a in black **lipid membranes.** 087473
Membrane a major source of chromatin-ass- 084121
integration into **mitochondrial membrane** in 087369
structure of **peritrophic membranes.** III. Pe- 090521
microscopic images of **plant membranes.** [T- 087713
activity & lignification in **pod membrane** of 086720
Membrane structure of spore-galls of corn 086794
useful as a specimen **supporting membrane** 089382
III. Formation of **vitelline membrane.** 090590
in scanning microscope. III. **wax membrane** 091142

MEMORY

In **memoriam:** Viktor De Glerie. [Veterinari- 085161
In **memoriam:** O.G.E. (Gunnar) Erdtman (1 086563
In **memoriam Dr.** Prof. Walter Koch. [veter- 085143
In **memoriam of Dr.** M. A. Donk (August 1 086289
In **memoriam Dr.** Herbert Rauscher. [Insect 087226
Retroactive **memory inhibition** in Apis melli- 091170
In **memoriam Jurgen** Tiews. [Veterinarians] 085179
In **memory of Justus** von Liebig, May 12, 1 081924
In **memory of Professor** Dr. Ante Stefancic. 085155

MENINGOENCEPHALITIS

Meningoencephalitis eosinophilica (ascaridi- 085542

MENISPERMACEAE

notes on **American Menispermaceae.** IX. [A- 086505

MENOPONIDAE

zumpti] (Phthiraptera: **Menoponidae**) from 091055

MENSURATION

A simple bole model. [**Forest mensuration**] 085913
with Weibull function. [**Forest mensuration**] 085915
in western Siberia. [**Pinus, mensuration**]. 085879
forests of Ob region. [**Pinus, mensuration**]. 085880

MENTHA

Mentha--a new **hope** for Punjab farmers. 088971
experiments. [Mentha **piperita, Mentha** spi- 087123

MENUS

Fish on **menu.** 082942

MERCERIZATION

properties of scoured & **mercerized cotton** f- 083675

MERCHANDISE

performance: food **specials merchandising.** 082867

MERCURY

Mercury: environmental considerations. I. 092331
sensitive indicators of **airborne mercury** pol- 089450
cellulose to remove **mercury bound** to solubi- 082822
Uptake of **mercury** by **caged** rainbow trout 092321
treated with various **mercury compounds.** 090343
Mercury content of foods from German mar- 083227
distribution of **mercury** in **Dutch** soils. 091681
for microdetermination of **mercury** in **fish** by 082734
Mercury in **fish** & shellfish. A review. 082814
determination of **mercury** in **fish** & environ- 083020
Mercury in **food:** a scientific status summary 082813
mercury by, & occurrence of **methyl mercury** 087352
Mercury & organochlorine residue analysis 090372
Pesticide & **mercury residues** in wheat. 090360
Studies on **mercury residues** in fishes from 090404
Retention of **mercury** in **tissues** of cattle & 090344

MERISTEMS

of cell reproduction in **bud meristems** of Tr- 087339
affecting culture in vitro of **potato meristem** 088868
cell cycle kinetics in excised **root meristems** 086708
of mitotic cell cycle in **root meristem** of Zea 087879
notion of heterophagy in **root meristems** of 088089

MERMITHIDAE

Potentialities of **mermithid nematodes** for b- 089785
Role of **mermithid nematodes** in biological 090236

MESCALINE

Mescaline: chemistry & pharmacology of its 087440

MESENCHYMOMA

with a hydrolysate from **mesenchyme organs** 085125

MESH

of SIS hardboard. 1. Effect of **mesh number** 086189

MESOPHYLL

Leaf mesophylls of twenty crops, their light 087623
of cells of **mesophyll & parenchymatous** bu- 086725
Separation of **mesophyll protoplasts** & bund- 086804

MESOSTIGMATA
new species (Acarina: **Mesostigmata**). [Typh- 091002
Ethiopian Region (Acarina: **Mesostigmata**). 091056

MESQUITE
factors on response of **honey mesquite** to he- 089724

METABOLISM
Metabolism of [14C]naphthaleneacetic acid 088078
Metabolism of 14C [carbon]-urea by white 088253
in dynamics of **metabolism** & **accessibility** of 087205
tungsten on L-ascorbic **acid metabolism** in r- 084260
of oxycarboxin on amino **acid metabolism** by 088152
Metabolic activites & dynamic aspects of gr- 087637
in measurement of **metabolic activities** in soil 091514
II. interaction between **metabolic activity** & 088864
distribution & **metabolism** of **aflatoxin** B1-1 084257
substances in **animal metabolism.** 084330
Studies of **metabolic antigen** activity of adult 085185
Metabolic antigen of Fasciola hepatica in i- 085187
Calcium metabolism in laying hen. 6. Shell 084308
of ruminal digestion & **metabolism** in **calves** 084319
of temperature on **carbohydrate metabolism** 087956
of studies on **metabolism** of **carbohydrate** ni- 087988
of studies on **metabolism** of **carbohydrate** ni- 087990
Carbohydrate metabolism in sour cherries g- 088203
of photosynthetic **carbon metabolism** by pH 088228
Some aspects of **carnitine metabolism** in av- 087967
to knowledge of **metabolism** of **carotene** & s- 084360
Internal **metabolic changes** in cut flowers. 088058
Metabolic cholesterol return in pullets dete- 084347
Increased **metabolic clearance** of cortisol by 084217
Comparative metabolism of Cecropia juvenile 090688
Copper metabolism in young women fed two 082909
excretion & **metabolism** of **DDT**-14C in sus- 089979
of an intractable **metabolically-derived** der- 085750
of certain fertilizers on **metabolism** of **Di**-sy- 090321
Metabolism of 2,4-**dichlorophenoxyacetic** ac- 087411
Metabolism of 2,4-**dichlorophenoxyacetic** ac- 087766
Comparison of **metabolic effects** of short & 084162
Metabolism of **flavonoid** compounds during 088235
larvae with respect to **glucose metabolism.** 091173
hepatic lipogenesis & **glycogen metabolism** in 084400
Metabolism of 14C-**histamine** in goats & pigs 084035
Missouri, & related **metabolic imbalance** in 084335
Increased metabolic clearance of cortisol by 084217
of enzymes of **intermediary metabolism** in A- 087258
Internal metabolic changes in cut flowers. 088058
in treatment of an **intractable metabolically** 085750
Lipid metabolism in fern Polypodium vulgare 087483
Metabolism of **lower** alcohols in plants. 087380
Plant **nitrogen metabolism** & calcium or pot- 087289
evaluation of **metabolic patterns** in bovine fo- 084756
related to **phenylpropanoid metabolism** in c- 087971
on enzymes of **phenylpropanoid metabolism** 088141
Enzymes of **phospholipid metabolism** in end- 087548
Metabolic products of microorganisms 118. 087237
Metabolism of **propylenglycol** in rumen of a 084060
of feedlot cattle: **metabolizable protein** & ur- 084412
oxytocin on milk ejection & **metabolic rate** 084239
Changes in **metabolic rate** of starved Lycosi- 090408
County, Missouri, & **related metabolic** imba- 084335
of stored grains; **metabolism, residues** & tec- 082850
Notes on **respiratory metabolism** of Kluyver- 087634
investigations on **respiratory metabolism** of 090464
Metabolic responses induced in neonatal sw- 084321
RNA metabolism during development of cot- 087973
Autoradiografic studies of **RNA metabolism** 090855
Metabolism of **separated** leaf cells. III. Effe- 087847
of lanthionine & its **metabolism** in **silkworm** 091175
porcine **spermatozoan metabolism.** 084798
enzymes involved in **sucrose metabolism.** [T- 088126
Sulphur metabolism of Puccinia graminis f. 089109
Short-**time metabolism** of some exogenous c- 088250
Hormonal & **metabolic variations** induced by 084297
Effect of age on **water metabolism** in hens. 084322

METABOLITES
Isolation of an abscisic-**acid metabolite**, 4'-d- 088180
Influence of **metabolites** of **Aspergillus** flavus 087199
nitrogen fractions & **blood metabolites.** 084556
A & B, **cytotoxic metabolites** of Chaetomium 087606
a new isoprenyl-**indole metabolite** from Asp- 087386
of 14C [carbon]-**labeled metabolites** in myc- 088251
of some toxic **mammalian metabolites** of dia- 090375
mass spectrometry of **microbial metabolites** 091543
analysis of alkyl **phosphate metabolites** in u- 090346
of dichlorvos & its **metabolites** in **pregnant** 090347
detection of **metabolites** from **several** toxige- 082801
populations & their **metabolites** in **soil.** 091527
V. Identification of **metabolites** in **soybean** 087766

METACERCARIA
On a **psilostomatid metacercaria** from Indian 085360

METALS
XXXII. Phytotoxicity of **metal complexes** of 089594
of phosphate & several **metal elements.** 087901
Toxic **heavy metals** in vegetables & forage g- 082698
Contents of **heavy metals** in foods. I. 082741
Toxic **heavy metals** in vegetables & forage g- 083868
Heavy metals: a review of lead. [Water poll- 092458
of polymer complexes with **metal ions.** 086119
VII. About influence of some **metal ions** on 086207
Degradation of lignin with **metallic sodium** 086179
Degradation of lignin with **metallic sodium** 086180
Metal sty: anachronistic or contemporary. 083999

METAMORPHOSIS
Metamorphosis of **protein** pattern of haemo- 090843
Metamorphic shortening of interganglionic 090692

METARRHIZIUM
larvae with fungi **Metarrhizium anisopliae** & 090029

METEOROLOGY
Organisation of **meteorological advice** for ag- 081946
Agro-meteorological bulletin of Apulia & Ba- 081948
Agro-meteorological bulletin of Panaro river 081949
Meteorological forecasting & agricultural m- 082133
An **inexpensive meteorological** radiation shi- 085871
WMO [world **Meteorological Organization**] 092186

METERS
moisture content by Toppan **moisture meter.** 083542
use by farm crops. I. Test of **neutron meter** 087587
A **meter suitable** for long-term activity studi- 084302

METHACRYLATES
of methyl **methacrylate embedding** for serial 090736
from Larix leptolepis-**methyl methacrylate** 086201

METHALLIBURE
ovulation in mare with **methallibure.** 084837

METHANE
beauv cultivar K-22-1 by **ethyl methane** sul- 086863

METHANOL
of organophosphates by **methanol.** 090345
Methanol--bacterium process for scp. [micr- 083900
Effect of **methanol** on **various** forms of lacto- 083318

METHANOLYSIS
Extraction & **methanolysis** of **oil** from whole 083603

METHIODIDE
X-ray analysis of a **methiodide derivative.** 087349

METHIONINE
Torula supp emented with fat & **methionine)** 084707
Effect of **methionine & ammonium** sulfate u- 084568
Oxidation of **methionine & cystine** in foods 083151
abomasal infusions of **methionine & cystine** 084073
Influence of **different methionine** doses supp- 084452
Influence of **different methionine** doses supp- 084453
vegetable protein] **methionine-enriched** TVP 082962
incorporation of **glucose, methionine** & cyste- 090521
Effect of **methionine hydroxy** analog on bac- 084220
Effect of **methionine hydroxy** analog on gro- 084234
Supplements of cane **sugar, methionine,** thr- 084454
Supplements of cane **sugar, methionine,** thr- 084455
Methionine sulfoximine-resistant mutants of 087158

METHODOLOGY
chromatography. I. Development of **method** 082689
of pea tenderness. II. A review of **methods.** 083799
hydraulic filter level offset (HyFlo) **method** 092158
Methods to **accelerate** drying process of me- 083890
A urea sulphuric **acid method** for simulatan- 083322
Site factors & seeding **methods affecting** ge- 086091
A **method** of **agroeconomic** evaluation of crop 082182
Alternative methods of preparation & analys- 087221
Analytical Chemists] **method** of **analysis** for 082695
in application of sample **analysis methods** to 091567
Analytical methods for food inspection. 6. [082872
study of literature about **analytical methods** 082972
Analytical method of residual streptomycin 089326
Analytical method of residual streptomycin 089327
Analytical method of several carbamate pest- 090398
soils by using various **analytical methods.** 091487
Ancient methods in arid farming & cultivati- 082140
analysis of effect of **application methods** on 084224
of fertilizers & **methods** of **application** of in- 087791
analysis of effect of **application methods** on 091918
of fertilizers & **methods** of **application** of in- 091938
manure production & **application methods.** I 091975
test according to Klotz's **method applied** to 084062
Dry **ashing method** for determination of tot- 082685
Chosen **methodical aspects** of determination 085102
into & an enzymic **assay method** of transglu- 083219
New **method** for **assessment** of weed control 089678
Collaborative study of a **method** for **atomic** 082692
Studies on **method** make use of **automatic** m- 086036
protein by means of color **banding method** 083648
content of foodstuffs by **biquinoline method.** 083204
Is **Biuret method** suitable for quick determi- 083429
early generation testing **breeding methods** c- 086907
Breeding methods & their significance for a- 086919
houses in fixed frame **building methods.** 091272
under focal point of a **canning method.** 083056
Method of **cannulating** glandular part of m- 084176
wines according to **champenoise method.** 083758
meal: a new enzymic-**chemical method** for fi- 083791
pulses (peas & gram) by **chemical method.** 089668
through cultural & **chemical methods.** 089670
Methods of action of **chemosterilants** on ins- 089771
fats by use of gas **chromatographic method** 083057
A thin-layer **chromatographic method** for to- 087891
Gas **chromatographic method** for residue an- 089824
of thin layer **chromatography method** for ox- 083207
of applying a **method** for **classification** of pe- 091495
in fish by oxygen-flask **combustion method** 082734
Methods of **communication** among honeybees 091075
testing breeding **methods compared** in soyb- 086907
Methods of **comparing** value of factors of a t- 085907
Methods for **comparison** & selection of a te- 092166
study & development of **methods** of **complex** 085449
Goals, measures & **methods** of a **complex** uti- 086160
Evaluative **methods concerning** enterprise m- 083083
A **method** for **construction** & use of contact 084301
turnover: costs, causes, & **methods** of **control** 086198
Quick **control methods** for pulp brightness 086258
on artificial heating, a **method** of **control** of 089154
control facilities & its **controlling methods** in 092162
A **convenient method** for preparation of mic- 083659
of aging, freezing rate & **cooking method** on 082959
optical somatic cell **counting method** for raw 083249
Methods & **criteria** for analysing fodder eco- 084616
Study on **cultivation method** of sugar beets 088428
Influence of particular **cultivation methods** 092052
Cultural methods of interplanting of sweetp- 088608
comparison of this **method** with **currently** e- 084158
Studies on **method** for **deciding** substitute fa- 082066
Influence of **dehydration method** on adsorpt- 083303
A new **method** for **determination** of degree of 087083
On **methods** of **determination** of nitrogen & 087584
A comparison of **methods** for **diagnosis** of tr- 085530
Effect of **different methods** of harvest & con- 083905
structure in poultry of **different methods** of 084086
products applying wet **disclosing method.** 083437
A **method** of **drafting** timber transport plan 086110
Influence of **drying methods** after harvest on 083618
Protein identification by **dye method** & its 083650
Ecophysiological methods for studies of pla- 087315
Effective method for control of Phyllocnistis 090043
An **efficient method** of granulometric analys- 091496
Chod. By oxygen **electrode method.** 087295
Methods for **electron** microscopic study of 086793
Methodology of **employing** flow simulators-- 082492
Methods & **equipment** used for control of fr- 089490
farm land. III. **Establishing method** for deci- 082066
Evaluative methods concerning enterprise m- 083083
study of a zincon ion **exchange method** for 091808
study on effectiveness of **extension methods** 081962
Results of carbon disulfide **extraction meth-d** 083628
Felling method on diminishing truck number 086095
A **field method** for determining silt & clay c- 091497
Can **methods** used in **fighting** fungus aand m- 089489
Comparison of different **filter methods** in te- 085921
in mosasses by Karl **Fischer method.** 083022
Fluorimetric method of thiamine & riboflavin 083448
Instruments using in **gasometric methods** for 087312
Instruments used in **gasometric methods** of 087317
Genetic methods of insect pest control. 089814
Method of **glucose** determination in meat p- 083449
returns from alternate **harvesting methods** f- 082238
root crops on rate & **methods** of **harvesting.** 088512
Methods of **hemp** variety testing. III. effect 088503
histochemical & **histoenzymological methods** 085127
Energy capacity of a new **hoeing method.** [091457
II. Application of unit **hydrography method** 092227
On **methods** of **identifying** chromosomes of 086829
Immunological methods for agglutination of 088177
Improved method for thin layer chromatogr- 082688
Irradiation as a **method** for **improved** storage 083692
Study on **improved methods** of cultivation of 088378
An **improved method** for inoculation of corn 089313
Busulfan: development of **improved methods** 089908
A new **method** for **improvement** of stagnant- 092072
Some **methods** for **improving** heat regime of 091737
A new **method** to **increase** zinc absorption by 091963
processed by direct & **indirect methods** of ul- 083309
in cattle & swine by **indirect method** after 084336
experiment of **inoculating methods** of Rhizo- 089120
oryzae by multiple **inoculation method.** 086995
Methods of **intensification** of livestock prod- 082167
animals in relation to **intensive methods** of 084694
On diversifying of **intensive methods** for pr- 086062
Method of **introducing** fixed electrodes into 084178
main equipment & **methods** of **introducing** 091469
Investigation methods for analysis & classifi- 091488
Drip irrigation a new **method** of **irrigation** d- 092235
A rapid **laboratory method** of assessing susc- 089049
appropriateness, origin & **method** of **lard** pr- 082754
A **method** of **lentil** inoculation with Fusarium 089292
Herd-**level methods** for age adjustment of m- 084244
Relationship between **methods** of **livestock** 083942
genetic markers, planting **methods, locations** 086890
modification of **manometric method** for dete- 083708
compositions, with Mac **Master method,** on 085222
zone. A. Statement of **method** & **material.** 091412
Use of **mathematic methods** in livestock pro- 082183
of application of **mathematical methods** in h- 088585
Methods for **maturing** raw sausages. 083415

On a **method** for **measuring** relative root per- 087228
investigation of **methods** of **milk** control for 082761
by weighted lease square **minimum method** 092226
by weighted least square **minimum method** f- 092227
Modern methods in study of microbial ecol- 091504
Modified method for determination of myco- 082683
technique" as a new **method** for **mutation** in- 087067
Novel methods for evaluating deterioration 082845
Method obtaining blood serum from a small 085177
virus deseases & **methods** of **obtaining** virus- 089402
A chromic **oxide method** for measuring cons- 090756
Methods for making **permanent** microscope 086310
Comparisons of **methods** of **pH** [hydrogen-i- 091551
study of flame **photometric method** for sodi- 091810
ecology & **methodology, phytocoenotic** struc- 086632
Methodology of **planning** of socialist agricul- 082540
Planting **method, plant** population influence 088461
by genetic markers, **planting methods,** locat- 086890
Planting method, plant population influence 088461
Methods of **planting** Bromus inermis. 088511
Methods & **possibilities** of feeding & husba- 084006
Methods for **prediction** of harvest maturity 088922
Rubus) in Sweden. I. **Method** & **preliminary** 086396
manufacture & a new **method** for **preparation** 083333
Significance of **methods** for **preparing** fungi 086308
structure **methodical presentation** & interpr- 083009
Effect of various **preservation methods** on n- 084722
Method of **process**-flow organization in food 083060
forage corps: **Methods** for **production** of a h- 088510
of goose-spermia, as a **method** of **progeny** te- 084876
comparison of various **methods proposed** wi- 092384
Recent, environment **protecting methods** of 089781
Electrolysis as a **purification method** for eff- 086208
wheat seeds. I. **Purification method** of humus 091727
Electrolysis as a **purification method** for eff- 092416
A **method** of **quantitative** determination of r- 084346
Resistography, a dynamic **quick method** to c- 083559
Radiorespirometric methods in measurement 091514
Rapid method for determination of carbonyl 083186
A simple **rapid method** for estimation of tot- 083787
A **rapid method** for gas chromatographic an- 087223
Note on a **rapid method** of determining leaf 087760
A simple **rapid method** for estimation of tot- 088084
A **rapid method** of collecting lepidopterous l- 090661
Methods for **rationalizing** industrial laying- 091238
A **method** for **rearing** overwintering larvae of 090105
artificial diets & laboratory **rearing methods** 089971
A comparison of two **methods** of **recording** s- 088867
Application of a sensitive **registering method** 087266
Methods related to mechanical harvesting of 091428
Simple & **reliable methods** for bakeries to o- 083566
according to NISULA-peat-**roll-method.** 086083
Technology & **methods** for **salvaging** straw. 088478
in bees applying average **sampling method.** 091203
Soil **sampling methods** used by agronomists. 091483
A new **method** of **sap** flow rate determinati- 087979
Development of a large **scale method** for ve- 086076
Modified rapid **screening method** for aflatox- 082681
study of three **screening methods** for aflatox- 082687
Site factors & **seeding methods** affecting ge- 086091
of some of intrapopulation **selection methods** 084826
sheep by means of two **selection methods.** 084920
into shelterwood up to **selection methods** of 085895
soil. I. Selection of a **method** for **separation** 091785
Use of **serological method** for comparison of 089403
A **simple method** for short term cultures of 084885
of potyvirus group. I. A **simple method** to p- 089357
Simplified method for linear & quadratic re- 082101
A new **simplified method** for microdetermin- 082734
Simplified methods of pollen storage in tob- 087166
Sowing methods & practices. [Soybeans]. 088349
absorption **spectrophotometric methods.** 083516
from Lactarius by **spectroscopic methods.** [087616
Changes in recommended **spraying methods.** 089161
Methods on **stability** of beer. 083033
Application of **statistical methods** to evaluat- 082503
Stochastic methods for design & operation of 092098
of household **structure methodical** presentat- 083009
A **method** to **study** microorganisms on surfa- 091505
discs of Drosophila as a **method** of **studying** 090620
Is Biuret **method suitable** for quick determi- 083429
diets & laboratory rearing **methods suitable** 089971
Method for **sun**-drying of vegetables in Gha- 083740
A **method** for **surface**-sterilizing small plant 087621
towards extension **teaching methods.** 081970
Methods for **testing** samples of wines for th- 083747
determined by **thermodynamic method.** 087287
On improvement of **thinning method** in tran- 088429
timber harvest: **Traditional methods.** 086141
A **method** for **transferring** Streptococcus the- 083333
mutants located by A-B **translocation meth-d.** 087034
Transplantation methods of fertilized ovum 084878
Evaluation of **methods** for **transportation** of 082363
A new **method** in **treatment** of hyperlipaemia 085707
My "organic-**trench-method**" potatoes. 088762
yield of vineyards with **various methods** of i- 088221
wastes; comparison of **various methods** prop- 092384
News on **methods** of **vegetable** growing in S- 088653
A **method** of **visualizing** & assessing deposits 090135
concentrates by in vivo & in **vitro methods.** 084600
Volumetric method of meat specific mass m- 083447
Reuse of effluents: **methods** of **wastewater** t- 092466
of fibreboards manufactured by **wet method** 086170
Methods of **wintering** nuclei. [Apiculture]. 091197
of "Do-Ro" **method** in **woodworking** industry 086221

METHOMYL

Methomyl, monocrotophos, & other insectic- 089970

METHOXY

of potatoes. [**2-methoxy-3-isopropylpyrazine** 083778

METHOXYCHLOR

B dye & **methoxychlor** in **running** water: a 090322

METHOXYFLURANE

animal anesthesia machine. [**Methoxyflurane**] 085117

METHYL

Occurrence of **apigenin-5-methyl** ether in se- 087437
tyrosyl compounds in **aqueous** 2-**methyl**-2, 4 084053
Toxicity of thiabendazole, **benomyl, methyl** 090376
Antimicrobial action of **methyl bromide** & s- 089042
inheritance of tolerance to **methyl bromide** 090199
Methyl bromide residues in almonds, hazel- 090311
of apigenin & luteolin 7& 7,4'-**methyl ethers** 087492
copolymer from Larix **leptolepis-methyl** me- 086201
use of pancreas lipase & **methyl magnesium** 083073
mercury by, & occurrence of **methyl mercury** 087352
Technique of **methyl methacrylate** embeddi- 090736
mutation induction by N-**methyl**-N'-**nitro**-N 087183
Mutagenic action of **nitroso methyl** urea in 086915
Effect of N-**methyl**-N-**nitrosourea** & N-meth- 087691
transformation of **thiophanate-methyl** & thi- 089169
rot of stone fruits with **thiophanate-methyl** 089220
synthesis of N-**methyl**-4,7,8-**trimethoxy**-2-qu- 087617

METHYLATION

Methylation of **Lilium** DNA during meiotic 086772
Methylating of **unsaturated** & saturated fats 083057

METHYLCHOLINE

Choline & beta-**methylcholine acetylation** in 090713

METHYLMERCURIC

Mercury & **methylmercury content** of agricu- 090343
Methylmercury poisoning in Iraq. 090383

METHYLTESTOSTERONE

methyltestosterone & **protein** level in diet of 084564

METRITIS

Mastitis-**metritis-agalactia** complex (MMA) 085332

METZGERIA

Metzgeria litoralis sp. nov. & Apometzgeria 086412

MEVALONATE

Mevalonate kinase in green leaves & etiolat- 087964

MICE

of injectable iron compounds. [**Mice**]. 084087
to selection for postweaning gain in **mice.** 084819
eggs. I. Descriptive definition. [**Mice**]. 085329
Macrophage cytophilic antibodies in **mice:** i- 085376
of peritoneal exudate cells from **mice.** [Blue- 085392
polygyrus (Nematoda) in **mice.** 085403
murine lymphocytic choriomeningitis [**Mice**] 085419
Virogenic properties of **AKR mouse** sarcoma 085241
Schistosoma mattheei in **albino mice.** 085189
arthropod cells & in **mouse brain.** [Aedes al- 085585
Establishment of a colony of **mice free** from 083970
bovine erythropoietin(s) in **irradiated mice.** 085781
of CFW strain **mouse mammary** tumor into 085650
Bot infestations of **pinyon mice** in New Me- 090233
on experimental mastitis in **mouse produced** 085290
following invasion of **mice** by **Toxocara** canis 085359
immunization in **mice** by use of **virus**-free de- 085468

MICELLE

Casein micelle structure: susceptibility of va- 084227

MICROALGAE

Mass culture of **microalgae** in **Bairam**-Ali D- 088958
characteriscties of **microalgal population** on 087377

MICROANGIOGRAPHY

microangiographic study. 084043

MICROBES

Comparative specificity of **microbial acid** pr- 087229
Comparative specificity of **microbial acid** pr- 087230
of pesticides on soil **microbial activity.** 090312
effect of pollutants on **microbial activity.** 091538
of pesticides on soil **microbial activity.** 091540
of different pollutants on **microbial activity** 091542
theory of action of **microbes attached** to a p- 091640
activity of **microbial component** in a floodla- 091667
methods in study of **microbial ecology;** proc- 091504
in study of terrestrial **microbial ecology.** [F- 091506
of elementary **microbial ecosystems:** [Soils] 091531
Antimicrobial effects of aquatic plants from 087444
Microstructure of **elementary microbial** eco- 091531
Resistance to **microbial infection**--vaccines in 085255
cotton boll in relation to **microbial infection** 089034
deposits of aerially sprayed **insect microbes.** 090135
Effect of weather on a **microbial insecticide.** 090137
Compatibility of **microbial measurements.** [091512
mass spectrometry of **microbial metabolites** 091543
Antimicrobial action of **methyl** bromide & s- 089042
polyphosphates of **microbial origin.** 091693
Microbial oxidation of ammonium in a cont- 091533
Some observations on **microbial populations** 089170
Changes in **microbial populations** in paraquat 089754
comparison of **microbial populations** in ecol- 091508
Turnover of **microbial populations** & their 091527
Some observations on **microbial populations** 091690
Antimicrobial principles in leaves of Lawson- 087641
Microbial protein production. [Feed, food]. 083183
bacterium process for scp. [**microbial protein,** 083900
Utilization of **microbial rennet** rennilase for 083258
Difference between a **microbial rennet** & a 083334
Separation of **microbial** & **root** respiration. 091522
starch or cellulose by **rumen microbes,** in vi- 084220
effects of pesticides on **soil microbial** activity 090312
purification & to **microbial** action in **soil.** 091640
of egg shell sweating on **microbial spoilage** 082829
microscopy in study of **terrestrial microbial** 091506

MICROBIOLOGY

of quantitative **microbiological analysis** for 082896
Microbiological aspect of preservation of d- 083530
Microbiological assay of spectinomycin in f- 083865
series with general **microbiological assay** in 084364
Microbiological breakdown of bark. 088301
Microbiology in **cacao** processing industry. 083086
Microbiological, chemical, & organoleptic c- 082820
Microbiology--detection of bacterial pathog- 092452
Microbiology--detection & occurrence of vir- 092453
Hygienic studies on **microbiology** of **dried** f- 082701
inspection: **microbiology** of **equipment** & pr- 082830
Microbiological evaluation of cold-water shr- 083016
Microbiological examinations of a forest soil 091564
Observations on **microbiological flora** of ca- 082818
Test series with **general microbiological** ass- 084364
of research of **microbiological laboratory,** 1 085441
Data to **microbiological properties** of green 083731
Microbiological quality control. [Milk]. 082781
Further studies on **microbiological quality** of 082804
of procedure of **quantitative microbiological** 082896
studies on **microbiology** of **refreshing** bevera- 082702
Microbiology & sensory evaluation of pheas- 083505
factor in study of cold **soils microbiology.** 091511
Hygienic studies on **microbiology** of **sugared** 082703
plants by means of **microbiological tests.** IV 087198
plants by means of **microbiological tests.** III 087201
Microbiology of **waste** treatment. [Water]. 092450
Microbiology of **water.** 092267
Microbiology--waterborne outbreaks. [Disea- 092451

MICROCHEMICAL

Microchemical investigation of medicinal pl- 087453

MICROCLIMATE

Microclimate in **bed** of gravel culture. [Hyd- 088837
Report of **microclimates, frost** pockets & co- 089440
On behaviour of **thermo-microclimate** of typ- 086676

MICROFLORA

Microflora und **aflatoxin** B. Amount of grou- 083851
Microflora of **apple** leaf scars in relation to 089001
ethirimol & zineb on **phylloplane microflora** 089004
Rhizosphere microflora of Arachis hyprogaea 089075
Influence of **rhizosphere microflora** on avail- 091743
function of **saprophytic microflora** in prophy- 085573
of certain herbicides on **soil microflora:** Agr- 089619
Microflora of **soil** as viewed by freeze-etchi- 091645
characterization of **microflora** & **spoilage** ba- 082811

MICROLEPIDOPTERA

sketches of some **Microlepidoptera, chiefly** 090948
A new species of **Microlepidoptera harmful** 090160
Microlepidoptera of **Wicken** Fen supplement 090909

MICROMORPHOLOGICAL

SEE MORPHOLOGY

MICRONUTRIENTS

SEE NUTRIENTS

MICROORGANISMS

Metabolic products of **microorganisms** 118. 087237
metabolic activities in soil. [**Microorganisms** 091514
in ecological studies of **microorganisms.** [soi- 091539
determination of **airborne microorganisms** in 092308
on pathogenic **microorganisms Bacterium** ne- 085589
On increase of **microorganisms** of **bamboo** s- 082836
utilization by **microorganisms** of **carbon**-14 089616
between **microorganisms** & **clay** minerals in 091510
a symbiotic **intracytoplasmic microorganism** 090415
phyllosphere. [**Leaves, microorganisms**]. 087331
rays on **pathogenic microorganisms** Bacteri- 085589
Soil, plants & **pathogenic microorganisms.** 089433
Strains of **microorganisms resistant** to antib- 091198
Adaptation of **rumen microorganisms** to biu- 084597
Effects of **soil microorganisms** on colonizati- 089083

effect of herbicides on **soil microorganisms** 089617
of sodium chlorate on **soil microorganisms,** 089744
activities of **microorganisms** in **soil.** 090315
of pesticides by **soil microorganisms.** Special 090356
for observation of **microorganisms** in **soil.** 091503
Parasitic **soil microorganisms.** 091532
effect of herbicides on **soil microorganisms** 091541
microscopy for counting **soil microorganisms** 091545
of pesticides by **soil microorganisms.** Special 091653
Isolating **soil microorganisms** of mobilizing 091772
autotrophic activity of **soil microorganisms** 091517
A method to **study microorganisms** on surfa- 091505

MICRORELIEF
indicator plants of **microrelief** of **cultivated** 086620

MICROSCOPY
work more effective in **microscopic analysis** 084904
Electron **microscope-autoradiography** of rust 089177
Application of scanning **electron microscopy** 083317
determined by scanning **electron microscopy** 083667
Scanning **electron microscopy** of yeast colon- 083764
Electron-microscopic investigations in islets 084025
Electron-microscopic examination of goose- 084876
Scanning **electron microscopic** observations 085213
Scanning **electron-microscope** studies of My- 085267
sinus by scanning **electron microscopy.** [My- 085892
with scanning **electron microscope.** [Fusari- 086308
Scanning **electron microscope** studies on so- 086388
sativa from scanning **electron microscopy.** 086707
Methods for **electron microscopic** study of 086793
Scanning **electron microscopy** of chlamydos- 086795
features by scanning **electron microscopy.** V. 086825
viewed with scanning-**electron microscope.** 086826
Electron microscopy of selectively stimulated 086866
of lipid extraction on **electron-microscopic** 087713
Scanning **electron microscopy** of chlamydos- 089142
with scanning **electron microscope.** [Fusari- 089146
Electron microscope-autoradiography of rust 089177
Studies with aid of **electron microscope** on 089312
Light & **electron microscopy** of red clover v- 089356
Host range & **electron microscopy** of Burdo- 089365
membrane on **electron microscope** grids. [T- 089382
tissues of lettuce with **electron microscopy;** 089400
Light & **electron microscope** studies of chr- 090515
Scanning **electron microscope** studies on mo- 090553
Phase contrast & **electron microscopy** of m- 090687
Direct **electron microscopic** techniques for 091503
aid of transmission **electron microscope.** 091505
Scanning **electron microscopy** in study of te- 091506
wheat roots studied by **electron microscopy** 091547
Electron-**microscopic examination** of goose- 084876
Use of **fluorescence microscopy** for counting 091545
membrane on electron **microscope grids.** [T- 089382
extraction on electron-**microscopic images** of 087713
Electron-**microscopic investigations** in islets 084025
reaction in fowl. A **light microscopical,** ultra- 085190
Scanning electron **microscopic observations** 085213
of cross-sections with **optical microscope.** 082786
Methods for making **permanent microscope** 086310
Microscopical properties of some cellulose e- 083673
Bee biology in **scanning microscope.** I. sense 090578
Bee biology in **scanning microscope.** II. bee 091139
Bee biology in **scanning microscope.** III. w- 091142
using light & **scanning microscope** techniques 091687
for making permanent **microscope slides** of f- 086310
Scanning electron-**microscope studies** of My- 085267
Scanning electron **microscope studies** on so- 086388
Light & electron **microscope studies** of chr- 090515
Scanning electron **microscope studies** on mo- 090553
Methods for electron **microscopic study** of 086793
Direct electron **microscopic techniques** for 091503
light & scanning **microscope techniques.** 091687

MICROSOME
triphosphatase from **smooth microsomes** of 088158
alkane-2, 3-diols by **microsomes** of **uropygial** 084057

MICROSPORES
like complexes in Allium **cepa microspores,** 086749
Microspore genesis in varieties of winter w- 086761
envelope in post **meiotic microspores** of Pin- 086769
budding & fission in **microspores** of **Petunia.** 087109

MICROSPORIDIA
Microsporidia Thelihania sp., a parasite of l- 090764

MICROSPOROCYTES
SEE SPOROCYTES

MICROSTOMIA
between **Hymenolepis microstoma** (Cestoda) 085403

MICROSTRUCTURE
SEE STRUCTURE

MICROTOMY
Serial sectioning study of some meiotic stag- 090516

MICROWAVE
Microwave finish drying of potato chips. 083788
Conventional & **microwave heating** of beef: 083433
Gamma & **microwave radiation** to control ri- 089896
Gamma, infra-red & **microwave radiation** c- 090200
of conventionally & **microwave reheated** po- 082957
on soil sterilization by **microwave treatment** 089117

MIDGE
on silver fir gall **midge, Agevillea** abietis H- 090171
by means of gall **midge Aphidoletes** aphidi- 090100
damage, & control of wheat **blossom midges** 089974
Development of needle-shortening **gall midge,** 090103
Assessment of larval saddle **gall midge** popu- 089939
Diapause of **sorghum midge,** & location with- 089911

MIDGUT
of protease activity in **midgut** of **fleshfly,** Sa- 090650
Influence of feeding on **midgut protease** acti- 090643

MIDRIB
of cell walls of lettuce **midribs inoculated** wi- 089328
of leaf lamina & **midrib portions** of burley t- 087894

MIGRATION
chick embryo. I. Factors **affecting migration** 084333
problem of **migration** of **artificial** radioactive 087565
On **migration** of **Corixidae** (Heteroptera) ba- 090441
Fluorescence lifetime & **energy migration** m- 087972
bed as a substratum for **epithelial migration** 084334
for determination of **global migration** of syn- 083057
swine leukocytes. III. **migration inhibition** t- 085309
Ionic migration & weathering in frozen anta- 091752
Tendencies of working **place migration** by y- 082145
Population migration]. 081940
rural youth: a decade of **migration** & **social** 081963
by inhibitiion of **trichome-migration** of blue- 089603
Vertical migration of Haemonchus contortus 085353
modelling of radionuclide **vertical migration** 091705

MILDEW
Means for control of **barley mildew.** [Erysi- 089035
Mildew control with new fungicide. 089134
at spraying grapevine against **downy mildew** 082082
penniseti sp.Nov., a **downy mildew** of pearl 086407
at spraying grapevine against **downy mildew** 088978
Inheritance of resistance to **downy mildew** 088988
penniseti sp.Nov., a **downy mildew** of pearl 089016
radish root infected by **downy mildew** fungus 089046
humuli Miy. & Tak., **downy mildew** of hops 089029
Early mildew resistant crossbred grain. 086852
of sugar beet powdery **mildew, Erysiphe** bet- 089174
linseed varieties to powdery **mildew Oidium** 089097
Control of **powdery mildew** of Cassia occide- 089224

MILK
UHT [ultra high temperature] **milk;** aspects 082415
Detection of sodium bicarbonate in **milk.** 082764
Microbiological quality control. [**Milk**]. 082781
BHC [Benzene hexachloride] in **milk.** [Feed 082890
of aflatoxin M1 & M2 in **milk.** 082898
Milk is a (not quite) perfect food. 082918
detection of inhibitory substances in **milk.** 083248
production & bottling procedures. [**Milk**]. 083266
to increase quantity & quality of **milk.** 083267
Research on buffalo's **milk.** VIII. Phospholi- 083285
trisodium phosphate as a detergent. [**Milk**] 083292
of alphas betaand kappa-caseins from **milk.** 083322
On characteristics of RNAs from cow's **milk** 083331
in ice cream mixtures made of **milk.** 083353
hygienic properties of cow's **milk.** 083361
Lipolysis. [**Milk**]. 083365
Study of colloidal phase of **milk.** 083376
for analytical investigations. [**Milk**]. 083379
Disturbanges caused by ingredients of **milk** 083384
which supports secretion of **milk.** [Livestock 084172
to increase quantity & quality of **milk.** 084481
hygienic properties of cow's **milk.** 085467
autovaccine. II. Antibodies in **milk.** 085477
BHC [Benzene hexachloride] in **milk.** [Feed 090389
production, processing & distribution of **milk** 083337
in cultured & direct **acidified skimmilk** & C- 082828
of reductase tests. [**Milk analysis**]. 083356
Increasing efficiency in **milk assembly.** [Cos- 082139
factors associated with herd **average milk** yi- 082247
Composition of **bovine milk** lipids. 083301
Buffering properties of cow & **buffalo milks.** 083381
nitrogen constituents of cow & **buffalo milks** 083385
Bacteriological aspects of **bulk milk** collecti- 082862
Bulk milk collection; an introduction to sub- 083366
Quality of butter & **milk** made from **bulk** co- 083368
again shows surplus. [Cheese, **milk, butter**]. 082375
Milk & **butter** quality in relation to feeding 083389
obtained from skim milk & **butter-milk** in a- 084680
Milk & **butter** quality in relation to feeding 084733
butterfat percentage of **milk** in **case** of funct- 083330
again shows surplus. [**Cheese, milk,** butter]. 082375
Running off defect in sour **milk cheese.** 083263
aureus in dark & **milk chocolate.** [Contamin- 082810
on stabilization of **chocolate milk.** 083279
Clean milk production. 083369
kinetic properties of 3 **milk-clotting** enzymes 083310
Milk coagulants. Changes that have influen- 083241
ether extract determination in **coconut milk** 082983
milk products made from bulk **collected milk.** 082864
milk made from bulk **collected milk.** 083368
aspects of bulk **milk collection.** [Pseudomon- 082862
Bulk **milk collection;** an introduction to sub- 083366
proteins from blood into **milk & colostrum.** 084171
methd, sampling interval & **milk composition** 084219
to improvement of **condensed milk** produced 083280
Let's **consider milk** & milk products in supe- 082343
Legislation on **milk** for **consumption** within 082605
Error in estimation of **contained milk** volume 084242
changes in composition of **milk containing** f- 083275
investigation of methods of **milk control** for 082761
Modern milking & **milk cooling** equipment 091432
fed combinations of wheat, beans, **corn, milk** 082906
study between buffalo & **cow milk** in soft ch- 083236
in fatty acid composition of **cow milk.** 084770
physiology of intensive **milk cow** farming. 085761
Reduction of iodine transfer to **milk** of **cows** 084233
Milkability of **cows** with a high total milk y- 084384
About protein level in feeding **milk cows.** 084471
production & consumption of **milk & dairy** 082587
their properties: case of **milk & dairy** produ- 082882
Technology on **milk & dairy** products. 16. [083244
Technology on **milk & dairy** products. 17. [083245
their properties: case of **milk & dairy** produ- 083374
of butterfat in a whole-**milk diet** by either b- 084460
Developmental trends in sweet **milk drinks** 083342
Recent developments in **milk drying** techniq- 083286
Milk efficiency of cows of an age of up to 5 084382
of large doses of oxytocin on **milk ejection** 084239
of different latency duration in **milk ejection** 084289
determination of iodine numbers of **milk fat** 083270
aspects of fatty acid composition of **milk fat** 083274
Biochemistry of synthesis of **milk fat.** 083283
Phase changes of **milk fat** in preparing & c- 083297
Origin of **milk fat** globule. 083300
thermal properties of New Zealand **milk fat** 083308
Relationship of **milk fat** globule membrane 083316
Composition & properties of cow's **milk fat** 083360
milking sheds on production of **milk & fat.** 084379
amounts of dietary tallow on **milk-fat** secret- 084584
aspects of fatty acid composition of **milk fat** 084814
Composition & properties of cow's **milk fat** 085466
of chlorinated pesticides in **milk, fats** & oils 082873
Triglyceride structure of **milk fats.** 083302
of chlorinated pesticides in **milk, fats** & oils 090381
required in starters for claves **fed milk** once 084593
Federal milk order market statistics; annual 082513
About protein level in **feeding milk** cows. 084471
bred calves. 1. Effect of limited **milk feeding** 084541
to relationship between diet & **milk fever** on 084706
Preventing **milk fever** in dairy cattle. 085645
calcium content in **milk** by **flame** photometry 083273
Sales of **fluid milk** products, 1954-72. 082475
Packaging of **fluid milk.** 083287
Sales of **fluid milk** products, 1954-72. 083377
milk protein for calf, lamb, pig & **foal milk** 084408
electron microscopy to **milk** & other **food** ge- 083317
long distance transportation of **fresh milk.** 2 082328
long distance transportation of **fresh milk.** 3 082330
Fresh milk: nutritive value with arbitrary pr- 082967
long distance transportation of **fresh milk.** 2 083243
Minimum number of **fresh milk** samples: a t- 083320
long distance transportation of **fresh milk.** 3 091320
Determination of lactose in **milk** by **gas** liqu- 083327
Milk gel structure. I. Application of scanni- 083317
Milk & **herbage** intakes by grazing lambs b- 084047
processing properties of **herd milk.** 083964
a new legislation for **milk** used for **human** c- 082604
of composition of fats in **milk, human** milk 082946
Effective utilisation of **milk** in **India.** 083278
On problem of mechanism of **inhibiting milk** 084174
Pathological physiology of **intensive milk** c- 085761
to paragraph 36 of **milk legislation.** 082618
of cross-bred calves. 1. Effect of **limited milk** 084541
Composition of bovine **milk lipids.** 083301
Bacteriological quality of **market milk** in P- 082807
Enrichment of low fat **market milk** with D v- 083291
Residues of veterinary drugs in **milk, meats** 082672
aspects of quality control of **milk & milk** pr- 082762
Situation of **milk & milk** product supply & 083271
Harz & Mainz cheese, **modern milk** protein 082346
Changes in quality of **milk,** which **occur** dur- 082769
required in starters for claves fed **milk once** 084593
Federal **milk order** market statistics; annual 082513
of Chlorella suspension on **milk output** & we- 084539
Packaging milk & milk products. 083347
Quality of **pasteurized milk** & milk products 082864
of colimetry of **pasteurized milks** preserved 083370
subtilis, isolated from **pasteurized milk.** 083372
detection of coliforms in **pasteurized milk.** 083386
Keeping quality of **pasteurised milk.** 082765
Phosphorus-**milk phospholipid** conversion fa- 084184
of protein percentage in **plant milk** supplies 083319
in model experiments with **milk powder.** 083380
Feeding calves with **milk powder** in Italy. 084536
reconstitution properties of **milk powders.** 083304
of colimetry of pasteurized **milks preserved** 083370
Preventing milk fever in dairy cattle. 085645
Milk price determination with signaling con- 082273
Mark I **Pro-Milk** Tester for estimation of p- 083319
Comparison of **milks processed** by direct & 083309
to improvement of condensed **milk produced** 083280

What can **milk producers** expect for financial 082544
Situation of milk & **milk product** supply & 083271
of changing herd size upon **milk production** 082143
costs & returns of grade A **milk production** 082237
Milk production functions. 083242
Clean **milk production.** 083369
of changing herd size upon **milk production** 083966
on biochemistry of rumen & **milk production** 084291
of feeding of dried grass on **milk production** 084423
rate, gestation & **milk production** of females 084571
better economics for **milk production.** 084673
rate, gestation & **milk production** of females 084849
between ovarian cysts & **milk production** in 084980
flies on feed intake & **milk production** of da- 090252
Considerations on **milk producton** in tropical 084019
Let's consider milk & **milk products** in supe- 082343
Sales of fluid **milk products,** 1954-72. 082475
of quality control of milk & **milk products.** 082762
Quality of pasteurized milk & **milk products** 082864
of mycoflora of some **milk products** & marg- 082894
Milk products for lactose-intolerant. [Diet] 082903
What value goat? [**Milk products**]. 083250
by lactic acid bacteria. [**Milk products**]. 083323
Packaging milk & **milk products.** 083347
Sales of fluid **milk products,** 1954-72. 083377
Significance of **milk as protective** food. 083350
Harz & Mainz cheese, modern **milk protein** 082346
Studies on determination of **milk protein** by 083363
Alternate sources of non-**milk protein** for ca- 084408
Changes in **milk protein** separation pattern 084585
Mechanism of biosynthesis of **milk proteins.** 083284
Mastitis & **milk proteins.** 085347
somatic cell counting method for **raw milk.** 083249
proof of nitrate reduction in **raw milk.** 083257
carbohydrate-high salt medium or **raw milk** 085374
Statistics of activities of **milk recording** soci- 082579
Determination of corrected **relative milk** yie- 084380
for calf, lamb, pig & foal **milk replacers.** 084408
Residual milk yield as affected by dose & t- 084226
Competition in **milk retailing.** 082460
Minimum number of fresh **milk samples:** a t- 083320
Lancefield group) isolated from **milk samples** 082875
of mechanism of inhibiting **milk secretion** in 084174
cistern relative to study of **milk secretion.** 084176
of electrical excitation on **milk secretion.** 084178
of effect of oxytocin on **milk secretion** & its 084179
of excitation of cow udder & **milk secretory** 084173
Skim milk. 083340
Fattening swine with **skim milk,** whey & bu- 084519
Rearing of calves without **skim milk.** 084621
preparations obtained from **skim milk** & but- 084680
Running off defect in **sour milk** cheese. 083263
to inhibit staphylococci in **sterile milk.** 083314
of protein percentage in plant **milk supplies** 083319
Developmental trends in **sweet milk** drinks 083342
in flavour of ultra-high-**temperature milk** du- 083307
Mark I Pro-**Milk Tester** for estimation of p- 083319
solids-non-fat content of **milk** of **Tharparkar** 084542
its variability & of its relation to **total milk** 084380
Milkability of cows with a high **total milk** y- 084384
its variability & of its relation to **total milk** 084972
routing technique. [**Milk, transportation**]. 082418
Milk's tributary policy in State of Minas G- 082593
Milk triglycerides: degree of non-random as- 084229
Error in estimation of contained **milk volume** 084242
Fattening swine with skim **milk, whey** & bu- 084519
on thermal-conductivity of **whole milk.** 083299
replacement of butterfat in a **whole-milk** diet 084460
associated with herd average **milk yield** & i- 082247
interval & milk composition to **milk yield** of 084219
Residual **milk yield** as affected by dose & t- 084226
of corrected relative **milk yield** of herds, of i- 084380
of cows with a high total **milk yield.** 084384
of biologically nisinised silage on **milk yield** 084690
of its relation to total **milk yield.** 084972
of dairy cow milkings. I. Effect on **milk yield** 083963
methods for age adjustment of **milk yields.** 084244
thermal properties of New **Zealand milk** fat 083308

MILKING

of teat & teatcup liner during **milking:** info- 083961
between teat & teatcup liner during **milking.** 083962
of one & some herd upon **automatic milking** 084289
A modern **milking barn** for dairy goats. 091234
Periodic omission of dairy **cow milkings.** I. 083963
Periodic omission of dairy **cow milkings.** II. 083964
motion study for work of **hand-milking** of c- 083954
Effect of lactose content & **milking interval** 084230
studies of influence of **milking machine** on r- 085389
Effect of **milking** in **milking** sheds on produ- 084379
Modern milking & milk cooling equipment 091432
Contributions on social rank & **milking order** 084366

MILKVETCH

Management of Lutana **cicer milkvetch** for 088460
Evaluations of sainfoin & **cicer milkvetch** in 088463

MILLERS

Malayan wood rat, Rattus tiomanicus **(Mill-r)** 089574

MILLET

combined & permanently combined millet li- 083589
of pot experiments. [**Millet, maize**]. 091726
sp.Nov., a downy mildew of **pearl millet** in 086407
ethyl methane sulphonate. [Fox **tail millet**] 086863
Millet type weeds of corn fields. 087097
Control of **millet varieties** in corn. 087098

MILLING

What influence has roll diameter to **milling** 083640
workshop" of an "enzyme-chemist" [**Milling** 083641
efficiency of modernfilters. [**Milling** (grain) 083646
Variations in planning **milling buildings** und- 083647
Chemical characteristics of **milling** of **durum** 083633
Milling experiments on US soft winter whe- 083572
in flour flows during wheat **grade milling.** 083591
Situation of **milling industry** with special re- 082347
More about labor force in **milling industry.** 086225

MILLIPEDE

Phenol oxidase in blood cells of **millipedes.** 090689
Normal locomotion of **Millipede Julus** sp. 090665

MILLS

of indices of production of **hammer mills** MC 091417

MIMOSA

potentials in higher plants. [**Mimosa pudica,** 087303

MIMULUS

SEE SCROPHULARIACEAE

MINERALOGY

Study of **mineralogical composition** of sand 091670
remarks on discussion on **mineralogy** of **soil** 091619

MINERALS

of humus substances from **accessory mineral** 091727
Effectiveness of **applying mineral** fertilizers 082290
Briansk mineral deposits of soil-stratigraphic 091628
Dissolution of **chlorite minerals** by fulvic ac- 091558
between microorganisms & **clay minerals** in 091510
Feeding of dairy cow & **mineral composition** 084450
indoleacetic-acid] on **mineral composition** of 087860
Differentiation in **mineral composition** of le- 091625
from accessory **mineral compounds.** 091727
Mineral constituents of soil: Nature & prop- 091579
On spectral analysis of **mineral content** of 083014
washing on growth & **mineral content** of Tri- 087575
Mineral content of forage plants from Rein- 087717
Mineral-deficint maize inbreds. 089524
Briansk **mineral deposits** of soil-stratigraphic 091628
Organic matter & **mineral element** cycles in 087321
progressively increased **mineral fertilization** 088322
of work experiences of **mineral fertilization.** 091932
of centrifugal device for **mineral fertilizer** di- 091334
Influence of **mineral fertilizer** application on 091923
Effectiveness of applying **mineral fertilizers** 082290
Effect of **mineral fertilizers** on content of vi- 087656
to balance influence of **mineral fertilizers** wi- 087811
Contribution of **mineral fertilizers** to agricul- 091827
effectiveness of **mineral fertilizers** & elimina- 092000
reclaimed forests on **hydromorphic mineral** 092214
of progressively **increased mineral** fertilizati- 088322
Studies on **mineral ion** absorption by plants. 088864
from organic & from **mineral matter** in river- 091774
Net mineralization of nitrogen in leaves & l- 091982
Elimination of **mineral nitrogen** compounds 087362
thawing as a factor in **mineral nutrient** stat- 091691
liming on uptake of **mineral nutrients** in pas- 087808
Loss of **mineral nutrients** from banana pseu- 088218
liming on uptake of **mineral nutrients** in pas- 091953
Mineral nutrition & production disease in d- 085658
Mineral nutrition: Nitrophobia. [Horticultu- 088036
over year, & on some **mineral** & **nutritive** in- 088323
Mineral reserves of potassium in Irish soils 091618
Potassium in **soil minerals.** 091610
Basic horizons of loess soils & **soil minerals** 091626
forests on hydromorphic **mineral soils.** 092214
elements in mixtures of **mineral substances.** 083873
Chelated **trace minerals** for G-F swine. 084223
Problems of **mineral** & **trace** element provis- 084514
Effect of **mineral type** & soil moisture cont- 087574
of desulfurizing bacteria in **mineral water.** 092288
spectroscopy to study of **minerals weathing.** 091616

MINERS

Keep an eye on coffee **leaf-miner** in Natal. 089791
Ecology & control of apple **leaf miner,** Lith- 090084
within an outbreak of lodgepole **needle min-r** 090167

MINIATURE

Culture of **miniature cyclamen.** 088939
Miniature roses. 088703

MINING

Mining & agriculture. Development or disa- 082029
Biological studies on a leaf **mining diptera,** 090094
Afforestation & turfing of **mining dumps.** 086059
Surface **mined land** reclamation research in 092050
damage caused by open **manganese mining.** 092060
compost for strip **mine reclamation.** 091830

MINKS

data handling--bookkeeping. [**Minks**]. 082112
Reproduction in **mink.** 084806
Spray vaccine stops distemper. [**Mink**]. 085197
Tuberculosis in **minks** (Mustela lutreola vis- 085553
Intoxication of **mink** with **Digitalis** purpurea 085788
Iron-deficiency anemia in **mink fed** raw mar- 085673
Reproductive status of **female mink,** Mustela 084869

MINT

of Guatemala. IX. 3. Labiatae: **Mint family.** 086441

MIRABILIS

American Frullanias, **Frullanias mirabilis** & 086468
Welwitschia mirabilis: a most remarkable li- 086487

MIREX

fire ants: eradication trials with **mirex bait.** 090253

MISO

effect of cysteine on "Browning" of **miso.** [083211

MISTLETOE

Control of **dwarf mistletoe** in a heavily used 089730

MISTS

of ornamental plants under **mist.** 088199
c from Nigella damascena L. (love-in-a-**mist**) 087254
on method make use of **automatic mist** spray 086036

MITE

imported for laboratory research. [**Mites**]. 090302
methods used in fighting fungus **aand mites** 089489
behaviour of predatory **mite Acaropsis** docta 090198
non-parthenogenetic **mite Caloglyphus** myc- 090607
galls. [Aphididae, **Cecidomyiidae, mites**]. 089817
Life-history of predatory **mite, Cheletogenes** 090817
Life-history of predatory **mite, Cheyletus** m- 090813
history of predatory **mite, Chiapacheylus** m- 090787
Pterodectine **feather mites** of hummingbirds: 090241
Control of **feather mite** Megninia columbae 090273
Pterodectine **feather mites** of hummingbirds: 090966
Infestations by insects & **mites** in **forests** & 090147
Laboratory colonies of **insects, mites** & ticks 090486
Mites living on insects from Africa (Acari, 090880
Control of feather **mite Megninia** columbae 090273
Biology of red spider **mite, Oligonychus** ma- 090091
Natural control of **orchard mites.** 089984
species & a new subspecies of **oribatid mites** 090864
in bisexual non-**parthenogenetic mite** Calogl- 090607
Control of insect & **mite pests** of commercial 089843
Common springtail & **mite pests** in a new b- 090213
Some **phytoseiid mites** from Japan, with de- 091002
Feeding behaviour of **predatory mite** Acarop- 090198
Life-history of **predatory mite,** Chiapacheyl- 090787
Life-history of **predatory mite,** Cheyletus m- 090813
Life-history of **predatory mite,** Cheletogenes 090817
Some **mite problems** of flower plants in Ha- 090018
on integrated control of citrus **red mite** in s- 090054
Recent data about biology of grape **rust mite** 090044
Rust mite of citrus. [Aculus pelekassi, chem- 090048
Scutacarid mites of Japan. III. Three new s- 091011
Spider mites & insects. [Soybeans, pests, Te- 089858
fall armyworm, & tworspotted **spider mite.** 089962
Biology of red **spider mite,** Oligonychus ma- 090091
Strawberry mite. [Tarsonemus pallidus]. 090017
of poultry. [Insects, **ticks, mites**]. 090272

MITOCHONDRIA

dioxide on activity of **apple mitochondria.** 088163
organization of **mitochondria** in **cotton** varie- 087658
Mitochondrial element particle in heat-prod- 087459
synthesis of soluble & **mitochondrial forms** of 087038
rancidity in isolated **mitochondrial fraction** 082833
intergrity of **mitochondria** in **hypotonically** 084794
integration into **mitochondrial membrane** in 087369
activity in **mitochondria** from some **plant** tis- 087232
on b-cytochromes of **plant mitochondria:** Ox- 087251
formation in **plant mitochondria.** [Kidney b- 089541
Various **mitochondrial types** in an absorptive 090715
complex of **mitochondria** during **viral** patho- 087747
from Phaseolus **vulgaris mitochondria.** [Kid- 087821

MITOMYCIN

presence of **mitomycin** C & **cicloheximide.** 086969

MITOSIS

Penicillium meleagrinum Biourge on **mitoses** 087199
Abnormal mitosis by some rho-mutagens in 086876
effecting initiation of **mitosis** in **Allomyces** 086865
An analysis of **mitotic cell** cycle in root mer- 087879
genetic factors **controlling mitotic** nondisjun- 086887
membrane association during **mitotic cycle** of 087370
Mitotic inhibition & chromosome damage p- 087051
on DNA synthesis & **mitosis** in **Physarum** p- 087629

MITRAGYNA

mitrajavine from **Mitragyna hirsuta.** 087505

MIXING

Jet-**aero-mix** system--an alternative for aerat- 092403

Factors **affecting mixing** requirements of a s- 083535
Factors **affecting mixing** requirements of a s- 083536
intortum & Phaseolus **atropurpureus mixed** 091982
made with acid whey. II. **Bread mixing** stud- 083536
infiltration, & retention in **mixed conifer** lit- 085817
rates in young-growth, **mixed-conifer** stands 086264
on growth & development of a **mixed conifer** 089575
Feeders voice **mixed emotions** over proposed 082727
for dairy cattle & swine **mixed feed.** 082478
Use of suitable **mixed feed** to improve sprea- 083268
Analysis of **mixed feed** industry of Great Br- 083886
moisture & other ingredients to **mixed feed** 083895
Use of suitable **mixed feed** to improve sprea- 084482
product of 70's: Liquid **mixed fertilizers.** 091871
compounds & inhibition of **mixed function** o- 090191
production rates in young-**growth, mixed-**con- 086264
disease in poultry due to **mixed infections** of 085365
Synergism of synthetic **mixed isomers** of ju- 090196
Growth product of 70's: **Liquid mixed** fertili- 091871
Demand feeding trials with **mixed litters** & l- 084663
Unorthodox responses in **mixed lymphocytic** 084024
fibrocystic disease, **malignant mixed** tumor 085641
Responses of a **mixed phytoplankton** popula- 087589
Mixing ratio of fused phosphate & superpho- 091922
Factors affecting **mixing requirements** of a s- 083535
Factors affecting **mixing requirements** of a s- 083536
botanical composition in **mixed stands** of or- 087805
with acid whey. II. Bread **mixing studies.** 083536
Use of **suitable mixed** feed to improve sprea- 083268
contracts for dairy cattle & **swine mixed** feed 082478
Synergism of **synthetic mixed** isomers of ju- 090196
Jet-aero-**mix system**--an alternative for aerat- 092403
with "homogeneous" **mixing** of **trace** elemen- 083873
fibrocystic disease, malignant **mixed tumor** 085641
Feeders **voice mixed** emotions over proposed 082727

MIXTURES

of amylose & amylopectin in **mixtures;** chr- 083220
fruit drop after **Bordeaux mixture** spray in 089513
acetamide & **mixtures** of these **compounds** w- 084061
upon gains & feed **mixture conversi-** 084452
non-fat components" in ice **cream mixtures** 083353
analysis of monoand **disaccharide mixtures.** 087223
influence upon gains & **feed mixture** convers- 084452
doses supplemented to **feed mixtures** with c- 084453
threonine & lysine to **feed mixtures** for broi- 084455
Evaluation of **feed mixtures** for calves. 084687
Effectiveness of using **feed mixtures** in ratio- 084697
Fluid **fertilizer mixtures** 1972. 091873
for separation of complex **flavor mixtures.** [083122
feeding cows pellets of straw-**grain mixture.** 083389
Stability in **iodized mixtures** for animal nutr- 084407
of utilization of grass **legume mixture** for gr- 084723
of trace elements in **mixtures** of **mineral** sub- 083873
Effect of **mixture** of **nitrogen** & neburon on 087883
fractions & their **mixtures, originating** from 091725
Pathogen mixtures to control insect pests. 089992
Effects of a self-fed **pelleted mixtures** of hay 084588
of fertilization on an oat-**ryegrass mixture.** 091931
fruit drop after Bordeaux **mixture spray** in 089513
pressure cooking of grain/**water mixtures.** 083581
for putting together **wheat mixtures.** 083565

MOBILITY

Combined **mobile application** of semi-liquid 091858
First mobile station for instrumental queen 091069
set up with fixed or **mobile posts.** 086234
Distribution of **mobile & potential** potassium 091613
its impact on economy of using **semi-mobile** 088660
a decade of migration & **social mobility.** 081963

MOBILIZATION

soil microorganisms of **mobilizing organic** p- 091772

MODALITIES

New **modality** of **application** of income tax 082520

MODEL

Distribution of food reserves in **"model"** ho- 091162
Models in **agricultural** economic research. 082037
Are **modelling approaches** useful in rhizosp- 091537
hydrocarbon residues in **aquatic model** ecos- 090366
A simple **bole model.** [Forest mensuration] 085913
from soil. III. A **model** for **calculating** solute 087552
Model calculations on vertical transport of 091611
of jack bean, with **model carbohydrate-**prote- 088066
V. Examinations on some **model compounds.** 086179
of hardwood lignin **model compounds.** 086252
by means of a generalized **computer model.** 086902
of canned beef: **models** for **correlation** of ins- 082963
farm managers after **Dusseldorf model.** 081927
requirement of lettuce. II. A **dynamic model** 088079
An **econometric model** of United States fore- 086137
residues in aquatic **model ecosystems** [Chlor- 090366
algal ferredoxins. An **electrostatic model.** 087255
aflatoxin-formation in **model experiments** wi- 083380
in Kojima Bay. IV. **Model experiments** for 091445
in East Africa. I. A **fixed model** procedure f- 084133
of volatile in freeze-dried **food models:** syst- 083144
Flood **forecasting model** for Altaler catchm- 092258
before meiosis, & for a **general model** of con- 086766
Regional **growth models**--an analytical appr- 082501
Hydraulic models for solution of river train- 091262
I. Development of an **infection model** & exp- 085234
alkaline solutions of hardwood **lignin model** 086252
Mathematical model of thermal degradation 083117
A **mathematical model** for a continuous syst- 083600
Mathematical modelling of radionuclide vert- 091705
Synthesis of **model molecules** of omega-chlo- 087591
honeys & yeast). Cuban **original model.** 084431
A **model** for **phosphorus** & potassium flux in 086686
A **predictive model** for upper Rio Grande in- 092274
in East Africa. I. A fixed **model procedure** f- 084133
Markov processes as **models** for non-**random** 090627
Decomposition: **Models & real** world. [Soils 091534
Simulation models to project structural cha- 081891
Simulation model studies of impact of weat- 091371
on microbial activity studied in **soil model** s- 091542
using a 3-media elastic **sphere model.** 088077
Simulation **model studies** of impact of weat- 091371
comparative studies with **model substances** 083073
formation in a **model system.** [Carcinogens] 083466
Ochromonas: A **model system** for study of p- 087310
activity studied in soil **model system.** 091542
Model tests made with a view to determini- 089627
pancreatic ribonuclease A & **model tyrosyl** 084053
application of " **warehousing model"** to farm 082148

MODULI

Measuring moduli of rigidity of solid wood 086154

MOIETY

containing N-**geranylaniline moiety.** [Triat- 090230

MOISTURE

I. Qualitative influence of **moisture.** 087239
Mulching means more **moisture.** [Barley]. 088411
larvae to soil temperature & **moisture.** 090492
Effects of **moisture, added** N03[unstable int- 091555
Design of psychrometric charts for **moist air** 091330
Feeding value of high **moisture chemically** p- 084495
article: food with median **moisture content.** 083068
its ripening. I. Analysis of **moisture content,** 083272
Determination of **moisture content** by Topp- 083542
Soil **moisture content** & root exudates in re- 087401
of mineral type & soil **moisture content** on 087574
thermal content & soil **moisture content.** 091600
Soil **moisture content** & root exudates in re- 091631
of strain-rate effect & **moisture content.** 091684
of mineral type & soil **moisture content** on 092425
irrigation rate upon **moisture contents** in sa- 092074
Continuous moisture control in particleboard 086136
in relation to **moisture** with **cultivated** pastu- 088530
Effect of feeding barley at **different moisture** 084493
Special features of **moisture distribution** in t- 088297
fiber removing **& moistening equipment** type 091419
quality of beef from steers **fed moisture** trea- 082725
of seed size upon **germination, moisture** upt- 087685
High **moisture grains** for growing pigs. 084500
Feeding value of **high moisture** chemically p- 084495
High moisture grains for growing pigs. 084500
of drying process on **moisture holding** chara- 091674
volume of **moisture** & other **ingredients** to m- 083895
grassland on light & **insufficiently moist** soils 088474
of feeding barley at different **moisture levels** 084493
quality affected by soil **moisture levels** in fo- 087999
hydrated starch & agar at low **moisture leve-s** 083147
for: reducing decay, reducing **moisture loss,** 083846
for long-term soil **moisture measurement** in 091651
Survey article: food with **median moisture** c- 083068
moisture content by Toppan **moisture meter.** 083542
Determination of **moisture** in **mosasses** by 083022
conditions of soil **moisture, nitrogen** & sulp- 083753
of stagnantly **moist ombrogenous** bogs which 092072
Shelterbelts protect **plant moisture.** [Field c- 087867
plums for: reducing decay, **reducing moisture** 083846
Moisture requirements of DD-136 strain of 090116
irrigations by increasing of **moisture reserve** 092247
Hymenoptera in a **moist shrub** savanna. Eco- 090758
under different conditions of **soil moisture,** n- 083753
Soil moisture content & root exudates in re- 087401
Studies on influence of **soil moisture** & nitr- 087403
Effect of mineral type & **soil moisture** cont- 087574
under various conditions of **soil moisture.** 087912
ruhbarb quality affected by **soil moisture** lev- 087999
failure in response to **soil moisture** & tempe- 088064
Effect of **soil moisture** stress on yield & sea- 088424
climatic water balance & **soil moisture** under 091500
Soil moisture. 091501
ruhbarb quality affected by **soil moisture** lev- 091548
soil thermal content & **soil moisture** content 091600
Soil moisture content & root exudates in re- 091631
Effect of **soil moisture** stress on yield & sea- 091639
block apparatus for long-term **soil moisture** 091651
A study on movement of **soil moisture** by t- 091673
on basis of its relation to pF **[soil moisture]** 091729
Effect of mineral type & **soil moisture** cont- 092425
I. Studies on rainfall pattern & **soil moisture.** 088963
on light & insufficiently **moist soils.** 088474
Moisture sorption behaviour & packaging of 083783
method for improvement of **stagnantly moist** 092072
Sutdies on **moisture status** of forest soils. I. 091651
stock by using a "variable-**moisture-stress-**p- 086086
Effect of soil **moisture stress** on yield & sea- 088424
of moisture content by **Toppan moisture** me- 083542
Osbeck). VI. Differences in **moisture, total** 088198
of beef from steers fed **moisture treated** bar- 082725
seed size upon germination, **moisture uptake** 087685

MOLASSES

populations for breeding of **molasses grass** 087140
Trasportation of **molasses** in **inland** navigati- 082337
Transport economy **& molasses, introduction** 082335
Proteic molasses: a new product from sugar 083666
"molasses toxicity" in Cuba. [Beef, Sugarca- 084698
Transportation of **molasses** on **tracks** & roa- 082336

MOLD

Ribosomal cistrons of water **mold Achlya** bi- 087233
Control of **molds** in **beans.** 089163
Control of **molds** in **cheese** manufacture. 082841
Mould control on Emmental cheese. 083238
stages of cellular slime **mold Dictyostelium** 087108
th e cellular slime **mould Dictyostelium** disc- 087257
of cellular slime **mold Dictyostelium** discoid- 087342
of cellular sline **mold, Dictyostelium** discoid- 087353
Cultural study of gray **mold fungus** Botrytis 089063
Effect of **Fusarium mould** of barley on beer 083040
losses of strawberry fruits from **gray mold.** 088987
Isolation of **head moulds** & assessment of m- 088990
Effect of thiram on **seed mold** & germination 088996
fumigatus in samples of **moldy silage.** 084591
monophosphate in cellular **slime moulds.** [D- 087271
Mould spoilage of foods. 082746
Azides for controlling **white mold** & beggar- 089494
of gas packaging on growth of **mold & yeast** 082847

MOLECULES

phase adsorption of **amphipathic molecules.** 086100
fraction with low **molecular constituents** of 084027
Degradation of host **high molecular** weight 089374
of molecular vibrations of **large molecules.** 086102
immunocytes at **molecular level.** [Veterinary 085464
Synthesis of **model molecules** of omega-chlo- 087591
hemoglobin with **molecular oxygen** & its lo- 083464
Purification, molecular & catalytic properties 087686
Molecular structure & absolute stereochemi- 087349
Effect of irradiation on **molecular structure** 091187
brewing procedure on **molecular weight** distr- 083043
sites of turtle & duck low **molecular weight** 084164
A low **molecular weight** colchicine binding p- 087238
spindle tuber viroid. IX. **Molecular-weight** d- 089415
conformation of low **molecular weight** patho- 089418

MOLLISIACEAE

Field resistance to **Pseudopeziza medicaginis** 089222

MOLLUSKS

bentgrass in California. **[Agrostis tenuis].** 087703
infection & decay. **[Alternaria tenuis].** 089034
Botrytis cinerea, **Alternaria tenuis].** 089064
Botrytis cinerea, **Alternaria tenuis].** 089226
activity in pupae of **Anopheles albimanus.** 090245
water dispersions. **[Anopheles albimanus,** cu- 090249
of winter adaptations in **Calliphora vicina** R 089798
in Egypt. [Sesamia **cretica, Chilo** agamemn- 089956
among greater yam **(Dioscorea alata** l.) cult- 088926
of Drechslera graminea & **Drechslera teres** 089267
of stalk borer, Sesamia **cretica Led.,** in Egy- 089955
Ecological control of **Lymnaea truncatula &** 085512
pycnidial stages of **Pyrenophora teres** & Py- 086446

MOLOLONTHINAE

from leaves of **Agauria polyphylla.** 087500

MOLT

Molting & oviposition of Neomesomermis fl- 090503
Molting time of Agriotes larvae (Coleoptera 090766

MOLYBDENUM

of phosphate as its **molybdenum** (V-VI) co- 087245
Molybdenum deficiency in plants, 4th ed. 089526
Effect of nitrogen & **molybdenum** on **forming** 088201
of phosphorus & **molybdenum** on **growth &** 091795
Molybdenum investigations with soybeans in 091930
Studies on **soil molybdenum** in Tamil Nadu 091937
Copper & **molybdenum** in **swayback** pastures 087774

MONARDA

trichome hydathodes of **Monarda fistulosa.** 086816

MONEY

Creep feeding makes **money!.** 084640
Service in **agricultural monetary** movement- 082293
instructions in handling **money--cooperative** 082295
Effect of **monetary regulation** on Japanese f- 082600
My workshop always helps me **save money.** 091463
Is there **still money** in farm woodland? 085988
Is there **still money** in farm woodland? iI. 085989
management saves rice farm **water, money.** 088502

MONILIACEAE

Ephytol & multifungin **against Trichophyton** 085373
Desmodiam **polycarpum, Ramularia].** 089494

MONILIFORMIS
of mitosis in Allomyces **neo-moniliformis.** 086865
phycomycete Allomyces **neo-moniliformis.** 087238

MONILINIA
derivative fungicide. [**Monilinia fructicola**]. 089220

MONILOCHAETES
Monilochaetes infuscans (Ell. e Hals) Hart- 089101

MONITORING
A **nutritional monitoring** system for dairy h- 084353
Monitors for **supervising** function & working 091407
diniana (Gn.) in **monitoring traps** under diff- 090117

MONKEYS
CT1341 anaesthetic ('Saffan') in **monkeys.** 085095
discovery of parasites in **monkeys** in **Italy** i- 090302
of lymphography. [**Rabbits, monkeys**]. 085070

MONOCARBOXYLIC
aliphatic **monocarboxylic acids** & alpha-ket- 083382

MONOCHAETIA
Apioporthe & **Monochaetia cankers** reported 089236

MONOCHAMUS
Japanese pine Sawyer **adult, Monochamus** a- 090139

MONOCROTOPHOS
Methomyl, monocrotophos, & other insectic- 089970

MONOCULTURES
Increase of production in **pine monocultures** 086044

MONOGENETIC
Monogenic chlorotic-lesion resistance in corn 086899
Monogenic chlorotic-lesion resistance in corn 089144
phenolic levels in **monogenic resistant** (Ht) 089139

MONOGERM
Trials in density with **monogerm genetic** ty- 088415
Breeding process of **monogerm** F1 **hybrid** in 087000
their combinations on **pelleted monogerm** s- 089258
in mechanical planting of **monogerm seeds.** 088435

MONOGLYCERIDES
lamellar phases of **saturated monoglycerides** 083152

MONOMER
of graft polymerization of **vinyl monomers** 086251

MONOMORIUM
baits in control of **Monomorium pharaonis.** 090176

MONOPHOSPHATES
by cyclic 3':5' **adenosine monophosphate.** [088041
cyclic **monophosphate-binding** protein from 087257
of adenosine **cyclic** 3',5'-**monophosphate** in c- 087271

MONOPOLY
in Italy under **government monopoly.** 082913
Exports by Turkish **state monopoly** in record 082473

MONOSOME
Zea mays genome with **monosomic maize** pl- 087058

MONOTERPENES
biosynthetic relationships of **monoterpenes.** 087132
Variation in **monoterpene composition** of two 088262
in response to **host monoterpenes.** [Pinus, P- 090172

MONOXIDE
Soil recycles **carbon monoxide.** 091584

MONTANE
in standing crop of two **montane sedges.** [C- 086645

MONTMORILLONITE
bound copper to **Cu-montmorillonite.** II. 091719

MONURON
ring-hydroxylated ureas in **monuron-treated** 089755

MOOR
analytical studies of **moors** in **lowlands** in I- 086688
Subfossil forest insects from **Piilonsuo Moor** 090870
History of **moors & vegetation** of Schwarze- 086629

MORACEAE
of mulberry trees in southern Japan. [**Morus**] 088092
of practices for mulberry cultivation. [**Morus**] 088781
of mulberry trees in southern Japan. [**Morus**] 088790
of Agelena opulenta L. Koch. [**Morus**]. 089977
Manuring of mulberry. [**Morus**]. 091912
of meiosis in diploid (**Morus alba** L.) & 22-p- 087162
of systematics of **Morus** in **Quelpaert.** 086336

MORPHACTIN
indicum Linn. as affected by **morphactin.** [S- 087684

MORPHOGENETIC
Catecholamines & **morphogenesis** of **chick** n- 084044
Ultrastructural **comparisonof morphogenesis** 085202
Morphogenesis of **female** inflorescence of L- 086777
Morphogenesis of **generative** organs in scot- 086791
Morphogenetic, histochemical & ultrastruct- 087969
a model of **limb morphogenesis.** 084132
Morphogenesis of **stamenless**-2 mutant in t- 086854
Contribution to **morphogenesis** of **winter** wh- 087650

MORPHOLOGY
uterus. I. histo-**morphological changes.** 084965
alcaloidal & **morphological character** of Sol- 086731
Morphological characteristics of north-Euro- 090546
Morphological characterization of piping sh- 086722
digestibility & **morphological characters** in a- 086991
on certain **chemical, morphological** & organ- 083463
Comparative morphological studies of senso- 090852
Sexual **compatibility, morphology,** physiolo- 089166
of yeild & its **morphological components** in 088419
by proboscis **morphological criteria** & by cr- 090776
Morphology & **cytology** of ravenelia emblic- 086832
Aspects of **developmental morphology** of Cal- 085585
IV. **Developmental morphology** of Ranalisma 086741
Developmental morphology & toxonomy of 086742
Aspects of **developmental morphology** of Cal- 090833
Morphology & **differential** counts of hemocy- 089929
Cytogenetic & **morphological effect** of gam- 086762
Morphological evaluation of bees in breeding 091202
Morphology of **glandular** hairs of Cannabis 086707
On **morphology** & **growth** of pollen in speci- 086781
in buffalo uterus. I. **histo-morphological** cha- 084965
Morphology & **histology** of defensive pygidi- 090423
Morphology & **histology** of new sex pherom- 090571
studies on **morphology** of **immature** stages of 090553
capacity & **morphological intergrity** of mito- 084794
micromorphological investigations of tertiary 084867
Morphology of **mouthparts** of larval Aedes 090996
Mucosal morphology & cellular renewal in 085404
grain shape & **morphological mutations** in ri- 087131
Nuclear morphology & nucleolar DNA synt- 084120
melanogaster. II. **Nucleolar morphology** & in 090598
Morphological observations on conditions of 087288
of lethal & **morphological phenotypes** of sel- 090530
Morphological & **physiological** properties of 085576
between **morphological** & **physiological** char- 087902
Some **morphological** & **physiological** features 088000
compatibility, **morphology, physiology,** path- 089166
I. Identification by **proboscis morphological** 090776
quantitative micromorphological investigati- 084867
Morphological research on lobular formation 084050
Morphological responses in maize to infecti- 089181
Importance of **river morphology** in design of 092176
Norway. 11. **Soil micromorphology** using li- 091687
Ii. Formation & **morphology** of **sperolites** in 083329
Comparative **morphological studies** of senso- 090852
Morphological study for definition & classif- 086730
Mitella of Japan. [**Taxonomy, morphology**] 086332
Morphological variability of first leaf of see- 086702
Study of **morphological variations** of acetab- 084051

MORTALITY
Studies on **mortality** in **bovine** calves due to 085349
Cattle mortality by strangulation in various 085795
Oak **mortality caused** by repeated gypsy mo- 090127
Comparative mortality rates of Bos indicus 084780
Dosage-mortality studies with commercial 090134
Larval mortality of Culex tarsalis & Aedes 090259
Flight activity & **natural mortality** of normal 091158
Queensland. 2. Relative **mortality rates,** calf 084779

MORTEM
SEE DEATH

MORUS
SEE MORACEAE

MOSAIC
Occurrence of new strains of **alfalfa mosaic** 089361
spot mosaic virus, a strain of **alfalfa mosaic** 089401
Translation of **brome mosaic** viral ribonucleic 089353
identification of a protein in **brome mosaic** v- 089423
Effects of fanleaf & **chrome mosaic** virus dis- 089350
from Stellaria media, **Claytonia mosaic** virus 089369
double-stranded RNA of **cowpea mosaic** virus 089416
between Fusarium spp. & **cucumber mosaic** 089176
relation to bioassay of **Cymbidium mosaic** vi- 089224
A **mosaic disease** of ragi [Eleusine coracana 089352
transmission of maize **dwarf mosaic** virus by 089394
Purification of pea **enation mosaic** virus & i- 089358
Transmission of pea **enation mosaic** virus by 089429
transmission of **Euonymus mosaic** virus, map- 089335
of most resistant fig trees to **fig mosaic** virus 089336
Patterns of **genetic mosaicism** in antennae 090533
Mosaic & **leaf** curl viruses of papaya & their 089398
virus, pea mosaic virus, **lettuce mosaic** virus 089357
Lucerne mosaic virus transmission by Myzus 089368
purify bean yellow mosaic virus, **pea mosaic** 089357
of turnip yellow mosaic & **radish mosaic** vir- 089430
aphid vectors of pea **seedborne mosaic** virus 089393
Behaviour of yellow **spot mosaic** virus, a str- 089401
Serological analysis of wheat **striate mosaic** 089412
leaves infected with barley **stripe mosaic** vir- 089374
Tobacco mosaic virus infection of greenhouse 089331
nc tobacco leaf discs to **tobacco mosaic** virus 089362
Attachment of **tobacco mosaic** virus to host 089366
combined effects of **tobacco mosaic** virus & 089377
electron microscope grids. [**Tobacco mosaic** 089382
Replication of **tobacco mosaic** virus. V. Pro- 089411
vivo removal of protein from **tobacco mosaic** 089413
Translation of TMV [**tobacco mosaic** virus] 089414
chlorotic mottle virus, **tobacco mosaic** virus] 089419
Turnip mosaic virus in horseradish. 089409
microscopy of red clover **vein mosaic** virus in 089356
Sweet potato **vein mosaic** virus in Argentina 089373
Translation of brome **mosaic viral** ribonucleic 089353
of kidney beans resistant to **mosaic virus?** 087186
Fusarium spp. & cucumber **mosaic virus.** 089176
to bioassay of Cymbidium **mosaic virus.** [Oi- 089224
Tobacco **mosaic virus** infection of greenhouse 089331
of most resistant fig trees to fig **mosaic virus** 089336
Effects of fanleaf & chrome **mosaic virus** dis- 089350
microscopy of red clover vein **mosaic virus** in 089356
virus, pea mosaic virus, lettuce **mosaic virus** 089357
Purification of pea enation **mosaic virus** & i- 089358
of new strains of alfalfa **mosaic virus** in Hu- 089361
tobacco leaf discs to tobacco **mosaic virus.** 089362
Attachment of tobacco **mosaic virus** to host 089366
Lucerne **mosaic virus** transmission by Myzus 089368
Stellaria media, Claytonia **mosaic virus** (Cl- 089369
Fusarium spp. & cucumber **mosaic virus.** 089370
infected with barley stripe **mosaic virus.** 089374
combined effects of tobacco **mosaic virus** & 089377
microscope grids. [Tobacco **mosaic virus**]. 089382
to bioassay of Cymbidium **mosaic virus.** [Oi- 089390
transmission of maize dwarf **mosaic virus** by 089394
mosaic virus, a strain of alfalfa **mosaic virus,** 089401
Turnip **mosaic virus** in horseradish. 089409
Replication of tobacco **mosaic virus.** V. Pro- 089411
analysis of wheat striate **mosaic virus** & its 089412
of protein from tobacco **mosaic virus** after i- 089413
Translation of TMV [tobacco **mosaic virus**] 089414
stranded RNA of cowpea **mosaic virus** in su- 089416
chlorotic mottle virus, tobacco **mosaic virus**] 089419
of a protein in brome **mosaic virus** infected 089423
Transmission of pea enation **mosaic virus** by 089429
of kidney beans resistant to **mosaic virus?** 089431
Lucerne **mosaic virus** transmission by Myzus 089940
transmission of maize dwarf **mosaic virus** by 089942
Transmission of pea enation **mosaic virus** by 090101
Sweet potato vein **mosaic virus** in Argentina 089373
chlorotic mottle & brome **mosaic viruses.** 089346
yellow mosaic & radish **mosaic viruses** in Ge- 089430
simple method to purify bean **yellow mosaic** 089357
inclusions induced by bean **yellow mosaic** vi- 089359
Occurrence of turnip **yellow mosaic** & radish 089430

MOSQUITOES
Cycle of a rodent filaria passed by **mosquitos.** 090218
in biological control of **mosquitoes.** 090236
control & eradication of malaria. [**Mosquitos**] 090242
of Dirofilaria immitis by **mosquitoes.** 090298
Genesis of reproductive system of **mosquitoes.** 090648
Physiological age of **Aedes mosquitos.** 090220
of free-flying Aedes **aegypti mosquitoes.** 090477
Susceptibility of Aedes **albopictus mosquito** 090439
Illustrated key to **anopheline mosquitoes** of 090999
A new species of **mosquito** from **Congo** Bra- 091043
Demonstration of **mosquito control** in a rice- 090226
Ecological research, **controlling mosquitoes** 090271
flavus mycotoxin on **Culex mosquito** larvae. 090258
of tropical house **mosquito culex** pipiens fati- 090291
on gonotrophic cycle of **mosquito, Culex** trit- 090827
Mosquito eggs. XXIII. Eggs of Toxorhynchi- 090739
of mouthparts of **larval mosquitoes.** 090738
A record of changes in **mosquito taxonomy** 090997
Mosquito types of Brazil. 090994

MOSS
Recent literature on **mosses.** 94. 086283
Mosses: sensitive indicators of airborne mer- 089450
Some **mosses** from **Chad.** [Musci]. 086558
of bud-induction in **moss Entodon** myurus. 087630
noteworthy records for **Hawaiian mosses.** 2 086413
Vascular plants of **Moss Lake** sanctuary--Al- 086575
a new species of **moss** from **northwestern** N- 086608
study of genus Sphagnum. 2. **Peat mosses** of 086555
Moss planters for soilless gardening. 088716
Sensitivity of **moss sporelings** to ultraviolet 087464
A **moss-stick** for climbing plants. 088739
Mosses of **Utah** new to science. 086411

MOTHERS
to reduce costs in keeping **mother animal** for 082216
Influence of **mother rocks** & their weatheri- 091662

MOTHS
response curves after irradiation of **moths** w- 090059
Interspecific competition of **almond moth,** I- 090193
Almond moth: gamma radiation effects on li- 090194
response in males of **moth Argyrotaenia** vel- 090690
synthetic sex attractant of larch **bud moth** 090117
a terminal growth phase in **Cecropia moth** 090592

RNA in **cecropia moth** ovaries: sites of synt- 090593
bridges in ovarian follicles of **cecropia moth.** 090655
acetylation in pupae of **moth, Celerio** eurho- 090713
of nonchemical control of **codling moth.** [La- 090021
taxonomic status of spruce **cone moth.** [Dio- 090927
New **Danish moth:** Dysstroma latefasciata S- 090990
caused by repeated gypsy **moth defoliations** 090127
Biology of pine **moth, Dendrolimus** spectabi- 090140
fischerellum Tr.--new **moth** for our **fauna.** 090988
sheath & tunica propria in **flour moth.** [Ana- 090683
effects on parasitoids of **gypsy moth-** 090111
mortality caused by repeated **gypsy moth** de- 090127
Fungi isolated from **gypsy moth.** [Porthetria 090133
Gypsy moth likes suburbia. [Porthetria disp- 090144
of northeastern forests by **gypsy moth.** [Por- 090149
Gypsy moth: a major pest of trees. [Porthet- 090164
competition of almond **moth, Indian** meal m- 090193
Gypsy **moth likes** suburbia. [Porthetria disp- 090144
Flight behavior of **Manduca moths** as a fact- 089905
of almond moth, Indian **meal moth,** & raisin 090193
influencing abundance of Indian **meal moth,** 090217
growth phase in Cecropia **moth oocyte.** [Hy- 090592
RNA in cecropia **moth ovaries:** sites of synt- 090593
livida Schiff.--new Danish **owlet moth.** 090986
Pea moth. [Laspeyresia nigricana]. 090016
Biology of **pine moth,** Dendrolimus spectabi- 090140
abundance of Indian meal **moth, Plodia** inte- 090217
moth, Indian meal moth, & **raisin moth** in 090193
a pupal cuticle in a saturniid **moth, Samia** c- 090676
Moth species new to Michigan. 090969
certain antifeedants on **moths** of **Spodoptera** 089888
by granulosis virus in larvae of **turnip moth** 089850
sex attractant of larch bud **moth Zeiraphera** 090117

MOTILITY

Effect of insulin on rumen **motility, blood** gl- 084187
on respiration & **motility** of **goat** spermatoz- 084873
on respiration, glycolysis & **motility** of **goat** 084874
effect of acid in intestine on **rumen motility** 084221
kinds of examination of **sperm motility.** 084962

MOTIVATION

Trend, motive & evaluation of increasing tra- 091406

MOTORS

use of horses in days of **motorization.** 084923
as related to gross **motor activity** in unanes- 084300
Measured values of a electro-**motor chainsaw** 086131
Service insurance of **motorized equipment.** 082304
flight oscillator: changes in **motor output** by 090714

MOTTLE

electron microscopy of **Burdock mottle** virus 089365
Genetic analysis of cowpea **chlorotic mottle** 089346
rates. [Cowpea **chlorotic mottle** virus, tobac- 089419
resistance in cowpea **chlorotic mottle** virus-i- 089425
Purification of a **mild mottle** strain of peanut 089379

MOUNDS

Ecological adjustment of termites in a **mou-d.** 090763
studies on ecology of **palsa mounds** in north- 086644

MOUNTAINS

of knobcone pine in Santa **Ana Mountains,** 086652
in submountainous & **mountainous areas** of 086674
function of peat land in **mountains areas.** 092287
within natural range of **mountain beech** sta- 086061
in trout creeks of **Beskids Mountains.** II. P- 090577
pressure dynamics in **Beskydy Mountains.** 091665
pine in Santa Ana **Mountains, California.** [P- 086652
of peasantry in **mountainous communities,** I- 085939
for study of four high-**mountain coniferous** s- 086685
in foothills of Kopet-**Dag Mountains** in con- 086659
of western Pyrenean **mountain environment:** 086632
Nutrient responses on **exposed mountain** su- 091951
Rudolphi 1803) in some **mountainous & flat** 090287
Cicadinea of Zaaminsk **mountain-forest** pres- 090884
development & yield on **mountain grasslands** 088536
mountain, for study of four **high-mountain** c- 086685
Mountain marri, Eucalyptus haematoxylon 086378
manure on yields from **mountain meadows.** 087811
stations of Argentura-**Mercantour mountain,** 086685
of a small bog in **Oderwald mountains** & rel- 086615
Thecodiplosis brachyntera, on **mountain pine,** 090103
to study of western **Pyrenean mountain** envi- 086632
flora of White Tank **Mountains Regional** Pa- 086356
nature protection area in **Retezat mountains** 091050
responses on exposed **mountain subsoils.** 091951
Mountain swamp gum, Eucalyptus camphora 086363
flora of White **Tank Mountains** Regional Pa- 086356
watersheds in Utah's **Wasatch Mountains.** 085872
of some forest soils in **White Mountains** of 091769
Cicadinea of **Zaaminsk mountain-**forest pres- 090884

MOUNTING

distribution by **brushers mounted** on harvest- 091477

MOUTH

Isolation of a foot-**and-mouth** disease carrier 085323
for a group protein in foot-**and-mouth** disease 085395
properties of foot-**and-mouth** disease virus. 085446
by type SAT 2 foot-**& mouth disease** viruses 085396
of substructures of **mouthparts of larval** mos- 090738
Morphology of **mouthparts** of **larval** Aedes 090996
of maize from Amazonas **River mouth.** 086550
of drainage canal terminus **(river mouth)** & 091255

MOVEMENT

Movement & accumulation of boron in some 091571
frost pockets & cold **air movement.** [Micron- 089440
of chill-coma & **movement of American** cock- 090524
plant-extracts, **& movement of bacteria** in p- 089315
intestinal wall **& movement** through **body.** 082697
epinasty in **movements & compression** wood 088244
Spanish table **grapes move** to U.S. markets 082379
on road construction **& movement of heavy** 091371
Innovation movement in meat industry. 083436
Invertebrate movements & some diel & seas- 090760
co-ordination of **leg movements** during walk- 090670
Localised movement of potassium ions in soil 091609
Service in agricultural **monetary movement-** 082293
an empirical study of **movement** of **polymers** 091597
Recent & **rationalization movement** for pur- 083167
Quantifying **rhythmic movements** of Albizzia 088161
Results of using **roll-move** sprinkler systems 088661
Seasonal movement of beef cattle prices by 082428
A study on **movement** of **soil** moisture by t- 091673
Analysis of **movement** of **trotting** horses by 084369

MOWER

Before you bale you've got to **mow:** getting 088446
Adaptation of **mower CPM-**2,1 to tractor U 091420
Effect of time of **mowing** on **hay** yields & q- 087813
mowing on **Helminthosporium** leaf spot & s- 089240
Mowing-threshing properties of cereal variet- 088389

MUCOPOLYSACCHARIDE

study of **acid mucopolysaccharide** in pigment 084375
Mucopolysaccharide histochemistry of Mus- 090434
Mucopolysaccharide histochemistry of Mus- 090435
Mucopolysaccharide secretion in female gen- 090848

MUCOR

clotting enzymes. [Rennin, **Mucor pusillus,** 083310

MUCOSA

of a bovine viral **diarrhea-mucosal** disease vi- 085248
I. Clinical signs & some **mucosal dimensions** 085310
parainfluenza-3, **mucosal disease,** adeno virus 085518
Casuistics of **mucosal disease.** [Cattle]. 085520
Mucosal morphology & cellular renewal in 085404
nucleic acid content of **ruminal mucosa.** 084205

MUCUS

on gel formation in pig-**gastric mucus.** 084140

MULBERRY

Manuring of **mulberry.** [Morus]. 091912
Package of practices for **mulberry cultivation.** 088781
Morus nigra L.) species of **mulberry tree** & 087162
of cultivation of **mulberry trees** in southern 088092

MULCH

drop emergence, 1970. [**Mulches**]. 092063
in Rolling Plains, 1971. [**Mulches**]. 092064
carrots in High Plains, 1971. [**Mulches**]. 092065
trans-pecos (Pecos, Texas), 1971. [**Mulches**] 092066
pecos (El Paso, Texas), 1971. [**Mulches**]. 092067
Mulch-composting in desert. 091906
Effects of polyethylene **film mulching** on gr- 087785
Mulch first, plant second, & vegetables grow 091904
Liquid mulching with bitumen emulsion--a 091884
Mulching means more **moisture.** [Barley]. 088411
Degradable **plastic mulch** studies in west Te- 092062
Mulching with **plastics** in vineyards. 092039

MULTIPLE

Multiple cartilaginous exostoses in a cat. 085755
Multiple cases of feline leukemia & feline in- 085212
Multiple-colony bumblebee post. [Bombus] 090765
Scientific **multiple cropping.** 081975
Multiple cropping, a powerful weapon to win 082118
Scientific **multiple cropping.** 088457
Scientific **multiple cropping.** II. [Vegetables 088824
Studies in **multiple cropping**--a note on corr- 091793
Multiple forms of acidic endopeptidase from 087833
Comments on **multiple functions** & all-arou- 085968
quantative features in some **multiple hybrids** 086840
Pyricularia oryzae by **multiple inoculation** 086995
of colchicine, using **multiple interchange** het- 087024
Multiple nuclear ribonucleic acid polymeras- 087416
Multiple nucleoli & enhanced nucleolar acti- 090594
of chloride-free single **& multiple-nutrient** fe- 091821
of egg content of noodles by **multiple radial** 083500
from permanetn plots & a **multiple random** 085945
A specialized system for **multiple rearing** of 091076
of paddy-rice-growth by **multiple regression** 087900
Uptake of solutes by **multiple root** systems 087552
contract into practice on a **multiple-unit** sta- 081982

MUNGBEAN

A natural tetraploid **mung bean** of suspected 086983
for control of damping-off of **mung bean** (P- 089077
spot & halo blight diseases of **mung bean** (089301
in India. IV. Resistance in **mung bean** (Pha- 089302
by a Phaseolus aureus enzyme. [**Mung beans**] 087963
in Phaseolus aureus. [**Mung beans**]. 088146
of auxin conjugation. [**Mung beans**]. 088154
from Phaseolus aureus. [**Mung beans**]. 088157

MUNGO

packaging of papads. [**Phaseolus mungo**]. 083783
components in blackgram (**Phaseolus mungo** 083786

MURIDAE

on function of fore-stomach in **Muridae.** 1. 084370

MURINE

natal transmission of **murine lymphocytic** c- 085419
like strains isolated from **murine rodents.** 085194

MURRAH

of part lactations in **Murrah buffaloes.** 084183

MUSACEAE

green) & ripe plantain (**Musa paradisiaca**). 083798
Bleached abaca-soda pulps. [**Musa textilis**]. 086213

MUSCA

Heterotylenchus **autumnalis, Musca** autumn- 090237
Haematobia irritans, **musca autumnalis,** catt- 090248
to induce resistance. [**Musca domestica,** con- 090190
of mixed function oxidase. [**Musca domestica,** 090191
histochemistry of **Musca domestica:** vI. stru- 090434
histochemistry of **Musca domestica:** vII. bra- 090435
of larvae of housefly, **Musca domestica.** 090682

MUSCI

Some mosses from Chad. [**Musci**]. 086558

MUSCIDAE

Linn. (Diptera, Cyclorrhaphpa: **Muscidae**). 090560

MUSCLE

plasma cortisol & M. [**musculus**] longissimus 084216
acid composition of lipids in its **muscles.** 084608
Acute **back muscle** necrosis & exertional m- 085764
characterization of elastin in **bovine muscle** 083455
organoleptic properties of **bovine muscle.** 083463
Ca [calcium] in chicken **breast muscle** by at- 083498
postmortem aging on chicken **breast muscle** 083515
Control of **muscle & cartilage** development 084249
of cardiac, fast & slow **muscles** of **chick** duri- 084128
of postmortem aging on **chicken muscle** lipi- 083514
of soluble bovi ne striated **muscle collagen.** 084095
in prevention of white **muscle disease** in yo- 085689
Pathology of white **muscle disease** in young 085743
A **dorsolateral muscle**-separating approach f- 085049
Determination of limits for **muscle dry** matt- 082676
Eye muscle of Calliphora vomitoria L. I. Sp- 090667
Eye muscle of Calliphora vomitoria L. II. T- 090668
Comparison of **muscle & fat** distribution in 084490
Fatty change in skeletal **muscle fibers** in sta- 084278
Development of **muscle fibers** in fetal pig. 084833
Stereotaxic map of **muscle fibers** in indirect 090719
Activation of **fibrillar muscles** in bumblebee 090669
of glycerol extracted insect **fibrillar muscle.** 090724
substrate cycle in **flight muscle** of Bombus a- 090475
of muscle fibers in indirect **flight muscles** of 090719
Inhibition of **muscle growth** in foetal sheep. 084207
of dietary protein on skeletal **muscle growth** 084662
reference to reactive ability of **heart muscle.** 084358
postmortem aging on chicken **muscle lipids** 083514
myositis of temporal & **masseter muscles** in 085728
Acute back **muscle necrosis** & exertional m- 085764
of amino acids in liver & **muscle** of **rats** fed 084720
aging on chicken breast **muscle sarcoplasmic** 083515
A dorsolateral **muscle-separating** approach f- 085049
metochondrial fraction of **skeletal muscle** ti- 082832
mitochondrial fraction from **skeletal muscle** 082833
Fatty change in **skeletal muscle** fibers in sta- 084278
of dietary protein on **skeletal muscle** growth 084662
chains of soluble bovi ne **striated muscle** col- 084095
fraction of skeletal **muscle tissue.** [Chicken, 082832
fraction from skeletal **muscle tissue.** [Chick- 082833
of inhibiting substances in **muscular tissue &** 082865
substances in **muscle tissue** of teleosts [Fish- 083229
of elastin in bovine **muscle tissue.** [Meat te- 083455
of inhibiting substances in **muscular tissue &** 083478
Changes in **muscle tone** of cat's forelimbs d- 084324
E injections in prevention of **white muscle** d- 085689
nutrition in Montana. [**White muscle** disease 085723
Pathology of **white muscle** disease in young 085743

MUSEUMS

beetles from Borneo in **Bishop Museum** (Co- 091018
Accessions to **Botanical Museum,** University 086320
on African Acridoidea in **Danish museums** 091012
to Zoological **Museum, University** of Helsi- 090821
from collections of **Zoological Museum** at 090901
Zoological Institute & **Zoological Museum** of 090973

MUSHROOMS

Meiotic behavior in **mushroom Collybia** ma- 086765
Role of **mushroom** in **cultural** history of Sca- 086295
situation of Hungarian **mushroom culture.** 088804

Muller & Boletus edulis, & **edible mushroom** 086445
Development of **edible mushroom** production 088810
Economic aspects of **mushroom harvesting.** 082265
Mushrooms for **main** course. 082932
1973 **ontario mushroom** pesticide recommen- 090367
Khumbi, a **popular mushroom** of north. [Phe- 088774
like organization of **mushroom production** in 088654

MUSK
Musk oxen in north Canada. 084018

MUSKMELONS
fruit quality of **muskmelon** in **greenhouse** cu- 088558

MUSKRAT
Observations on **muskrat control** with Chlo- 092421

MUSTARD
Cyperus rotundus on cotton & **mustard.** 089630
Existence of **"garlic-mustard"** odor in Parm- 082840

MUSTELIDAE
Tuberculosis in minks (**Mustela lutreola** vis- 085553
Reproductive status of female **mink, Mustela** 084869

MUTAGENESIS
herbicide & combined with **mutagens.** [Barl- 086872
Mutagenic activity of ethylenimine in Neur- 087106
Mutagenic activity of gibberellic acid. [Ipo- 088209
wheat treated with **chemical mutagens.** 086761
in barley & oats with **chemical mutagens** & 086942
of ionizing radiation on **chemical mutagens** 086952
of various physical & **chemical mutagens** on 086955
on highly-effective **chemical mutagens** among 086956
of combining action of **chemical mutagens** on 086959
winter wheat varieties to **chemical mutagens** 086962
Effect of **chemical mutagens** on certain whe- 086963
Chemical mutagenesis following treatments 087017
Chemical mutagenesis in Taphrina maculans 087183
of ionizing radiation on **chemical mutagens** 088067
Action of **mutagenic chemicals** on blue-green 087262
Mutagenic effect of gamma-rays & nitrosoet- 086946
On "inhibiting" **mutagenic effect** of ethylene- 086960
Experimental mutagenesis & plant breeding 086958
Induced mutagenesis in winter wheat. 086961
Mutagenic action of **nitroso** methyl urea in 086915
Effect of **physical mutagens** on variability & 086950
by some rho-**mutagens** in **Saccharomyces** ce- 086876
Stabilisation of a transient **mutagen-sensitive** 087100

MUTANTS
A cladosarum-like **mutant** of **Aspergillus** aur- 086839
A chlorophyll **mutant associated** with a3 loc- 087033
Induced **auxotrophic mutants** in homothallic 086877
by Phycomyces **blakesleeanus mutants** in pr- 087511
by Phycomyces **blakesleeanus mutants.** 087512
enzymes in normal & **carotenoid mutant** ma- 087690
A **chlorophyll mutant** associated with a3 loc- 087033
of response of some **chlorophyll mutants** to 087793
Tan necrotic (nec-E409). [**Corn mutant**]. 087036
Genetic analysis of **Crumpled mutant** in cot- 086910
Test for **cytoplasmic mutants** induces by E 087020
of chlorophyll **defective mutants** on chromo- 087089
properties of riboflavin-**dependent mutants** of 087449
natural mortality of normal & **mutant drone** 091158
A yellow-**eyed mutant** of melon fly. [Dacus 090032
Segration of **mutant forms** from sugi plus tr- 086035
Experimentally obtained **mutant forms** of p- 086949
Genetic studies of **induced mutants** in Melil- 086895
Test for cytoplasmic **mutants induces** by E 087020
New **mutants located** by A-B translocation 087034
anserina. II. Effect of **mei2 mutants** on rec- 087105
investigations of stature **mutant nana**-1. [Co- 087792
Experimentally **obtained mutant** forms of p- 086949
obliquus] **photosynthetic mutants.** 086871
Mutants of **Phycomyces** with abnormal pho- 087099
of stamens in normal & **mutant plants.** 086854
economically valuable **radish mutants.** 086950
Methionine sulfoximine-**resistant mutants** of 087158
capacities of a temperature **sensitive mutant** 085581
functions by temperature-**sensitive mutants** 085584
Pollen sterlity of **mutants** of **soft** winter wh- 087753
Morphogenesis of **stamenless**-2 **mutant** in t- 086854
investigations of **stature mutant** nana-1. [Co- 087792
melanogaster. XI. Male **sterile mutants** of Y 090529
Induction of male-sterile **tomato mutants** by 087004
complex in economically **valuable mutants** of 087750
Two **virescent mutants** on long arm of chro- 087032
in suppressor of hairy-**wing mutant** of Dros- 090598

MUTATION
indeterminate gametophyte (ig) **mutation:** in- 087055
chemistry of hormones in **mutation.** [Insects 090634
Induced recessive **mutations affecting** leaf a- 086984
unsuccessful search for **mutations affecting** 087029
Mutations affecting levels of tetrahydrofolate 087102
Mutations affecting levels of tetrahydrofolate 087103
Mutations affecting meiosis in Podospora a- 087105
appearance of a **chlorophyll mutation** & a r- 087160
Mutation of **citrus** variety Tachima-wase in- 087007
Acquisition & use of **mutations** in **corn** bree- 086940
Experimental mutations in apple trees. 086951
indeterminate **gametophyte mutation:** source 087056
plastids induced by a nuclear **mutator gene** 087127
Antennopedix: a new **homoeotic mutation** in 090822
of yeast strains with **increased mutability.** [087163
Induced mutations in Setaria italica beauv c- 086863
Use of **induced mutations** in breeding peas. 086944
Induced mutations in soybeans & their impo- 086945
Utility of **induced mutations** in rice breeding 086975
ethyl methanlsulfonate]-**induced mutations** in 087112
Inducing mutations in barley & oats with c- 086942
as a new method for **mutation induction** on 087067
Manipulation of **mutation-induction** kinetics 087101
Mutation induction in rice by gamma-rays c- 087147
Butler. I. Surival & **mutation induction** by 087183
combinations of notch-**locus mutations.** 090530
grain shape & **morphological mutations** in ri- 087131
Use of induced & **natural mutations** in breed- 086943
of plastids induced by a **nuclear mutator** ge- 087127
of basic forms with **mutations** of **Opaque**-2 087911
Mutations & plant growth substances. 086964
Practical uses of **mutation** in **plant** breeding 086994
X-rays on **mutation production** Drosophila 090528
Induced **recessive mutations** affecting leaf a- 086984
Temperature-**sensitive mutations** in Drosoph- 090529
Temperature-**sensitive mutations** in Drosoph- 090530
sulphonate] induced **sominant mutation.** [Co- 087042
with increased **spontaneous mutability.** 087164
Mutation studies at Shl locus in maize. 082499
Possible nontunicate to **Tunicate mutations.** 087068
Mutational variability of hybrids & varieties 086941
Specificity of **mutation variability** of chrom- 086957
to radioactivity & **mutational variability** of 087751
Novosibirskaia-67, a new **mutation variety** of 087884

MUTTON
Hot cutting of lamb & **mutton.** 083470
Eating quality of **mutton compared** with la- 083460
exterior radiocontamination of **fresh mutton** 082895

MYCELIA
on growth of **mycelium** & **activity** of pectic 089291
Estimation of **mycelial growth** during deco- 087309
Monotropa hypopitys L. on **mycelial growth** 087465
Effect of **industrial mycelial** residues, wood f- 089550
on chlamydospores & **mycelium** of **loose** sm- 089293
in growth of **mycelium** of **Polyporous** arcula- 087193

MYCOBACTERIACEAE
significance of non-**pathogenic mycobacteria** 085454

MYCOBACTERIUM
of colonies of **Argentinian Mycobacterium** b- 085599
of strains of **Mycobacterium avium** isolated 085432
infection due to **Mycobacterium tuberculosis** 085472

MYCOFLORA
SEE FUNGUS

MYCOLEPTODISCUS
Pucciniopsis, Mycoleptodiscus & Amerodisc- 086404

MYCOLOGISTS
September 2, 1972). [**Mycologists**]. 086289
MUDr. Jiri Kubicka. [**Mycologists**]. 086290

MYCOLOGY
Promotion of **mycology** as **condition** necessa- 086309
of **phytopathological mycological** research in 088980
Mycological relevance in nineteen seventies. 086282

MYCOPLASMA
pox, infectious bronchitis & **mycoplasma.** 085365
anomalous form of **mycoplasma**-like **bodies** 089355
Intracytoplasmic **mycoplasmalike bodies** in 089375
those infected with **Mycoplasma disease.** 085457
in turkey sinus [**Mycoplasma gallisepticum**] 085267
of growth of **Mycoplasma gallisepticum,** S6 085559
microscopy. [**Mycoplasma gallisepticum**]. 085892
analysis of **Mycoplasma mycoides** var. myco- 085375
on presence of **Mycoplasma**-like **organisms** 089312
fixed colonies of **ruminant Mycoplasma.** 085314
for propagation of **ruminant Mycoplasma.** 085316
growth" (big vein). [**Mycoplasma**-like **virus**] 089400

MYCOPLASMOSIS
evidence of avian **respiratory mycoplasmosis** 085352

MYCORRHIZA
L. on mycelial growth of **mycorrhizal fungi.** 087465
metabolites in **mycorrhizal** & **nonmycorrhiz**-l 088251
Phosphate flow into **mycorrhizal roots.** 087470

MYCOSIS
A case of guttural pouch **mycosis caused** by 085561
Mycosis due to Aspergillus & lead poisoning 085600
Delacr.) Siematzko **mycosis endemism** in p- 090487

MYCOSPHAERELLA
biotypes (races) of **fungus Mycosphaerella** p- 089260

MYCOSPHAERELLACEAE
Control of **Venturia inaequalis** in apple. 089125

MYCOTOXINS
on influence of **mycotoxins** on **activity** of be- 087627
study of action of a **mycotoxin, beauvericine** 090421
for determination of **mycotoxins** in **cocoa** be- 082683
Effect of Aspergillus **flavus mycotoxin** on Cu- 090258
Mycotoxin production affected by insecticide 082714
Mycotoxin research: selected areas pertinent 083855

MYELOBLASTOSIS
chickens infected with **avian myeloblastosis** 085503

MYELOGRAPHY
Indications for **myelography** in **evaluation** of 085615

MYOFIBRIL
in whole myofibrils & **myofibrillar proteins** 082964

MYOGLOBIN
Effect of **myoglobin** on **development** of oxid- 082833
On interaction of **myoglobin & hemoglobin** 083464

MYOINOSITOL
of 32-p-**myoinositol hexaphosphate** phospho- 091743

MYOMETRIUM
Myometrial histology of surti buffalo uterus 084198

MYOPATHY
back muscle necrosis & **exertional myopathy** 085764
Myopathy with a **possible** recessive X-linked 085754

MYOSITIS
Atrophic myositis of temporal & masseter 085728

MYRICA
dyeing. [Silk, Rhus semiallata, **Myrica rubra**] 083222

MYRIOPHYLLUM
SEE HALORAGACEAE

MYRISTICACEAE
from nutmeg. [**Myristica fragrans**]. 088110

MYRMELEONTIDAE
of north-**European myrmeleontid** larvae (Ne- 090546

MYRMICINAE
Hymenoptera: Formicidae: **Myrmicinae**). 090965

MYROTHECIUM
New record of **Myrothecium roridum** on Oc- 089089

MYXOMA
cuniculi dale) & **virulent myxoma** virus. 085388

MYXOMATOSIS
Dale) as a possible vector for **myxomatosis.** 090255
winter epizootic of **myxomatosis** at **Canberra,** 085388

MYXOMYCETES
of Dictyostelium discoideum [**Myxomycetes**] 087416
Myxomycetes of **Himachal** Pradesh. I. [Ind- 086596

MYZUS
wing production in **aphid Myzus** persicae. 090640
yellows in beet. [Aphis **fabae, Myzus** persic- 089902
histipennis, Frankliniella **fusca, Myzus** persi- 089967
snapdragons. [Antirrhinum **majus, Myzus** p- 089990
coracana] in Tamil Nadu. [**Myzus persicae,** 089352
against damage from **Myzus persicae** Sulz. 090051
in green peach aphid (**Myzus persicae** Sulz.) 090096

NABIDAE
subspecies of Nabidae, **Nabis meridionalis** o- 090961

NAGARJUNASAGAR
Nagarjunasagar project: Its irrigation & cro- 081974

NARCISSUS
Narcissus are **cheerful.** 088696

NASAL
produced by **intranasal administration** of E- 085114
Nasal bot fly, Rhinoestrus hippopotami Gru- 090292
Neoplasms of **nasal cavity.** [Surgery, dogs]. 085039
Nasal granuloma in dairy cattle : Distributi- 085647

NASONIA
of internal coincidence. [**Nasonia vitripennis** 090784

NASTURTIUM
sativum l.), induced by **nasturtium ringspot** 089333

NATAL
SEE BIRTH

NAUPHOETA
of males in cockroach, **Nauphoeta cinerea.** 090471
males of cockroach, **Nauphoeta cinerea.** 090704

NAVEL
on rind quality & storage of **coastal navel** o- 083709
Navel orangeworms & almonds. [Paramyelo- 090000
Growth of "**Washington Navel**" & "Late Va- 088047

NEBURON
mixture of nitrogen & **neburon** on **emerging** 087883

NECK
Surgery of head & **neck:** ear drainage (later- 085038
Cancer of head & **neck.** [Dogs]. 085611
a method of control of **Botrytis neck** rot in 089154
of uropygial glands of ring-**necked pheasants** 084057

NECROPSY
Necropsy. [Veterinary medicine]. 085013

NECROSIS
by leaves of Selkirk wheat. [**Necrosis**]. 089557
Carnation necrotic flick virus. 089364
tissue thiamine in **cerebrocortical necrosis.** 085758
for treatment of **necrotic enteritis** in swine. 085515
Necrotic enteritis in chickens in Norway. 085671
On spread of **necrotic hepatitis** in sheep wit- 085547
Acute back **muscle necrosis** & exertional m- 085764
anatomy of conifer **needle necrosis.** 086743
A **necrotic stunt** of pea (Pisum sativum l.), 089333
Tan necrotic (nec-E409). [Corn mutant]. 087036
problems of **tobacco necrosis** virus. [Hungary 089363

NECTAR
acceptability of **banana nectar.** 083827
Height of **nectar column** in corolla tube of r- 087865
Nectar secretion of red clover (Trifolium pr- 087866

NECTARINES
Peach, nectarine & plum varieties. 088684
fungicide treatments of **nectarines, peaches,** 083846
dematium. [Apples, **tomatoes, nectarines**]. 089217

NEEDLE
Atraloc needles: an advancement in atrauma- 085122
Pathological anatomy of **conifer needle** necr- 086743
Persistence of **conifer needles** as a feature of 088281
Essential oil from **needles** of **Juniperus** mac- 087582
within an outbreak of **lodgepole needle** min- 090167
of constituents of Pinus **pinaster needles.** 088284
Effect of **pine needle** scale on photosynthesis 090119
Development of **needle-shortening** gall midge 090103
variation of pigments in **needles,** a **study** of 088298

NEEDLECAST
pinastri] **needlecast** of **Scotch** pine in Ohio. 089234

NEGUVON
SEE TRICHLORFON

NEMASTOMATIDAE
Arachnida, **Opilionida, Nemastomatidae**). 090731

NEMATOCIDE
several fungicides & **nematocides** on **control** 089121
Nematicidal dips for protection of pineapple 089459

NEMATODE
fertilized eggs of Ascaris suum **(Nematoda).** 085401
Heligmosomoides polygyrus **(Nematoda)** in 085403
thirty-two years of dormancy. [**Nematodes**] 089493
of Neoaplectana carpocapsae **(Nematoda;** R- 090116
of Diplotriaena tridens **(Nematoda:** Filariod- 090457
to facilitate use of **nematodes** in **biocontrol** 089783
Controlling nematodes in establishing a ban- 089491
Host specificity of **entomophilic nematodes:** 090237
of gastrointestinal **nematodes established** in 085340
Dynamics of **nematode fauna** of potatoes & 089577
Nematode fauna of carrots & onions. 089578
Interaction of **gastrointestinal nematodes** es- 085340
yielding variety resistant to **golden nematode.** 086856
infectivity of **nematode Haemonchus** contor- 085400
of grape rootstocks in **nematode-infested** soil 089548
between **nematodes** & their **insect** hosts: a r- 089784
to a new race of root-**knot nematode.** 089467
A root **lesion nematode** parasitic to cotton in 089466
Nematodes of **Melolontha** afflicta Ball. In 090831
Potentialities of **mermithid nematodes** for b- 089785
Role of **mermithid nematodes** in biological 090236
bassiana & **nematode Neoaplectana** dutkyi. 090029
Effect of two plant-**parasitic nematodes** on 089197
Plant **parasitic nematodes** (Tylenchida) from 089453
A root lesion **nematode parasitic** to cotton in 089466
Effect of two plant-**parasitic nematodes** on 089545
chitin on plant-**parasitic nematodes** & some 089550
Identification of insect **parasitic nematodes:** 089788
Pin **nematode, Paratylenchus** projectus, in r- 089457
Nematode problems of coffee in India. 089503
Occurrence of **reniform nematode** on merigo- 089468
Nematodes of **soybeans** in South Carolina & 089464
Nematodes in **stored** yams. 083732
on physiology of **nematode-trapping** fungi (089445

NEOAPLECTANA
Rudolf William Galser, & **Neoaplectana.** [P- 089782
DD-136 strain of **Neoaplectana carpocapsae** 089786
DD-136 strain of **Neoaplectana carpocapsae** 090116
bassiana & nematode **Neoaplectana dutkyi.** 090029

NEOCORTEX
SEE CORTEX

NEODIPRION
polyhedrosis virus of **Neodiprion taedae** line- 090136

NEOGENE
finding of a Cupidae in **Neogene Europe** (Co- 090931

NEONATAL
SEE BIRTH

NEOPLASIA
Mammary neoplasia. [Surgery, bitches]. 085043
Oral & **pharyngeal neoplasia.** [Dogs]. 085628

NEOPLASM
Neoplasms of **nasal** cavity. [Surgery, dogs]. 085039
Neoplasms of **skin.** [Dogs, cats]. 085631

NEOPLASTIC
SEE PLASTICS

NEORICKETTSIA
americanus). [**Neorickettsia helminthoeca,** d- 085205
fixation. [**Neorickettsia helminthoeca,** dogs] 085206
sennetsu. [**Neorickettsia helminthoeca,** Dogs 085207

NEOSCHONGASTIA
on treated soil. [**Neoschongastia americana,** 090349

NEOTROPICAL
SEE TROPICAL

NEPHRITIS
Chronic nephritis in dog. 085660

NEPHROSIS
Lipoidic nephrosis in dog. 085602

NERIUM
Homopteera: Aphididae. [**Nerium oleander,** 089837

NERVES
morphogenesis of **chick neural** tube & notoc- 084044

NERVOUS
Higher **nervous activity** & lactation. [Livest- 084175
Autonomic nervous system & oviduct functi- 084272
catecholamines in **central nervous** system & 090710
Crazy--a **nervous disorder** in Ancona chicks 085693
Nervous mechanisms underlying intersegme- 090670
activity of central & **peripheral nervous** syst- 090522
Relation of nutrition to **nervous system** dist- 085762

NEST
Nesting behaviour of Osmia latreillei Spin. 090803
changes in vegetation on **nesting ducks.** 089622
accelerator & a kairomone in **nestling rabbit** 090266
Trap-**nesting solitary** bees for students of bi- 090899
Burrow sharing & **nest transfer** in digger wa- 090448

NETWORK
Ecological network of soils & plant associat- 086687
of Fergana-Margilan **Industrial Network.** 092363
Variation in cost of a **network** of **irrigation** 082240
of cave-in damages of **irrigation network** in 091254
Use of all-plastic **irrigation networks** in Du- 091365
Interfarm **irrigation network** of rice systems 092132
Use of all-plastic **irrigation networks** in Du- 092138
On load capacity of rural **road networks.** [F- 085889
building of internal-unit **transport networks** 086163

NEUROLOGY
Feline neurology. 084996

NEUROMUSCULAR
Neuromuscular blocking agents: Structure & 087350
mechanism of **neuromuscular transmission** in 090437

NEUROPATHY
Proliferative **optic neuropathy** in horses. 085756

NEUROPTERA
Chrysopa carnea (Chrysopidae: **Neuroptera)** 090514
European myrmeleontid larvae **(Neuroptera)** 090546
from southern Africa **(Neuroptera:** Nemopte- 090551
dormancy in Chrysopa carnea **(Neuroptera)** 090708
abdita Navas, 1918? **(Insecta, Neuroptera,** 090895
Neuroptera of **Meijendel.** 090992
Neuroptera in **Rothamsted** insect survey, 19 091027

NEUROSECRETION
products by **neurosecretory perikaryions** of 090436

NEUROSPORAS
in wild type **Neurospora crassa.** 086866
induction kinetics in **Neurospora crassa.** 087101
of ethylenimine in **Neurospora crassa.** 087106
in presence of edeine. [**Neurospora crassa**]. 087110
plant species in **Neurospora crassa** test. 087201
crystalline protein from **Neurospora crassa.** 087221
tryptophan oxygenase. [**Neurospora crassa**] 087231
ribosomal subunits from **Neurospora crassa.** 087280
forms of **Neurospora crassa** nucleases specif- 087326
membrane in **Neurospora crassa.** 087369
acid phosphatase in **Neurospora crassa.** 087619
sensitive state in **Neurospora** by **protein** syn- 087100

NEUROTROPY
of rabbits infected with a **neurotropic strain** 085598

NEUTRALIZATION
Influence of **neutralizing** (SN) & hemagglut- 085481
studies on amines & **neutral compounds** in e- 083519
antibody in **neutralization** of **equine** arteritis 085578
arteritis virus **following neutralization** by c- 085579

NEUTRON
atomic absorption & **neutron activiation** ana- 087670
gamma rays & fast **neutrons** in **Arabidopsis** 087129
14-meV **neutron irradiation** of swine; dosime- 084156
use by farm crops. I. Test of **neutron meter** 087587
of effect of fast **neutrons** on **winter** rye. 087752

NEWBORN
SEE BIRTH

NEWCASTLE
on antibody formation **against Newcastle** di- 085369
of some properties of **attenuated Newcastle** 085475
of disinfectants. [**Bacteria, Newcastle** disease 085237
Prevention of **Newcastle disease** in poultry. 085218
exposure to velogenic **Newcastle disease** vir- 085266
pathotype of **Newcastle disease** virus. 085272
of chicks to inactivated **Newcastle disease** v- 085281
of some antibiotics on **Newcastle disease** " 085326
a reviewed control of **Newcastle disease.** [P- 085334
for airborne spread of **Newcastle disease.** [085398
day chicks against NDV [**newcastle disease** 085431
properties of **Newcastle disease** virus strains 085476
antibodies on course of **Newcastle disease** in- 085481

NICKEL
liquid chromatography with **nickel electron** 089675
Effect of benzimidazole & **nickel ions** in con- 087827

NICOTIANA
of chloroplast photosystem.i. [**Nicotiana**]. 087275
culture in **Nicotiana** & **characteristics** of hap- 087782
Petunia hybrida Hort. & **Nicotiana glauca** R 086847
plants. [Petunia hybrida, **Nicotiana glauca,** 088233
cells of aster yellows-**infected Nicotiana** rust- 089375
induced changes in **Nicotiana rustica.** II. F4 086934
embryogenesis in **Nicotiana tabacum** L. [To- 086694
of nullisomic S in **Nicotiana tabacum.** [Toba- 087167
of tissue cultures of **Nicotiana tabacum** L. [087691
an isoperoxidase from **Nicotiana tabacum** ti- 087822
on local susceptibility of **Nicotiana tabacum** 089362

NICOTINAMIDE
NADPH2[**nicotinamide adenine** dionucleoti- 087381

NIGELLA
of cytochrome c from **Nigella damascena** L. 087254

NIGHT
Effect of **night temperature** on assimilation 087953

NILVERM
changes obtained after **Nilverm treatment.** (085558

NINHYDRIN
plasma. Comparison of **ninhydrin positive** s- 084027

NITELLA
water flux induced by light in **Nitella.** 087329
streaming in a plant cell. [**Nitella expansa**] 087290
Cl [chlorine] influx in **Nitella flexilis.** 087330

NITIDULIDAE
dimidiatus (Coleoptera: **Nitidulidae**) [Stored 090184

NITRATES
Nitrate accumulation in spinach cultivars & 088003
Application of **ammonium nitrate** to Cherno- 091929
soil tests for **ammoniumand nitrate**-nitrogen 091816
Vicia faba L.) seedlings with **calcium nitrate** 089448
interaction of oxygen & **nitrate** in **induction** 087694
Influence of **nitrate** on **induction** of nitrate 087714
to biuret as an NPN [**n-propyl nitrate**] supp- 084597
Nitrate reductase activity in corn leaves as 086903
Extraction of **nitrate reductase** from leaves 088128
An improved proof of **nitrate reduction** in r- 083257
Nitrates in **Upper** Santa Ana River Basin in 092318
Nitrate-vitamin A relationship in a growing- 084728

NITRIC
of aluminum after HNO [**nitric acid**]-H2S0 091557

NITRITES
method of analysis for **nitrite** in **meat.** 082695

NITRO
by N-methyl-N'-**nitro**-N-**nitrosoguanidine.** 087183

NITROBACTER
flow system. [**nitrosomonas, Nitrobacter**]. 091533

NITROGEN
ion concentration], ammonia-N [**nitrogen**], 084550
Yields & N, [**nitrogen**] P, [phosphorus] & K 087585
N03[unstable intermediate oxide of **nitrogen**] 091554
N03[unstable intermediate oxide of **nitrogen**] 091555
Effects of N[**nitrogen**] & K[potassium] fertil- 091845
of triple gene dwarf wheat to **nitrogen.** 091878
Sabdariffa L.) to different levels of **nitrogen.** 091924
applied urea on forest soil by N15 [**nitrogen** 091966
Yields & N, [**nitrogen**] P, [phosphorus] & K 091979
nitrogen in addition to **amide nitrogen** in ni- 091825
chemical mutagens among **nitrogen analogs** 086956
concentrations of alpha **amino nitrogen,** ami- 084851
Effect of **nitrogen application** at different t- 088323
methods of determination of **nitrogen** & **ash** 087584
of these two substances on **nitrogen balance** 084429
Nitrogen balances of adult human subjects f- 082906
Banding nitrogen fertilizers in soil: principl- 091826
Calculation of **nitrification** on **basis** of its re- 091729
on metabolism of **carbohydrate nitrogen** in 087988
on metabolism of **carbohydrate nitrogen.** [V- 087990
on correlation between **nitrogen** & **carbon** in 091793
Know your **common nitrogen** phosphorus po- 091852
nitrogenous composition of wort prepared fr- 083575
Elimination of mineral **nitrogen compounds** 087362
Changes in **nitrogenous constituents** of staple 082956
Changes in **nitrogenous constituents** of staple 083136
of soluble **nitrogen constituents** of cow & bu- 083385
Changes in **nitrogenous constituents** of staple 083883
New **nitrogen-containing** herbicides. 089702
to organic carbon & **nitrogen contents** of s- 091798
Fire & **nitrogen cycle** in California chaparral 087590
consuming a wide range of **dietary nitrogen** 082905
of different sources of **dietary nitrogen** on v- 084549
oxide of nitrogen] & N02[**nitrogen dioxide** r- 091554
between precipitations, **nitrogen dose,** appli- 087863
soil management & **nitrogen dressing** of fruit 092003
between weeds & rice for **nitrogen** under **dry** 088372
quality of maize germplasms-**nitrogen effect** 088394
Interactions of **nitrogen** & **energy** constitue- 084428
Nitrogen excretion by growing poultry on ni- 084435
Nitrogen in **feed** & fertilizer. 083866
under varying levels of **nitrogen fertilisation** 091867
Slow releasing **nitrogen fertiliser** from waste 091819
plants as affected by **nitrogen fertilization** in 088220
On influence of **nitrogen fertilization** on dev- 089022
Effect of **nitrogen fertilization** & mowing on 089240
of dwarf wheats to **nitrogen fertilization** in s- 091911
Increased late **nitrogen fertilization** of wint- 091944
Effect of **nitrogen fertilization** & mowing on 091964
Effect of gradated **nitrogen-fertilization** und- 091977
plants as affected by **nitrogen fertilization** in 091993
Effect of **fertilizer nitrogen** on digestibility 084441
height of cutting, & **Nitrogen fertilizer.** [Ag- 088357
interactions with form of **fertilizer nitrogen** 091803
barley as affected by **nitrogen fertilizer** & so- 091816
Good **nitrogen fertilizer** is profitable in spite 091919
trends in field of **nitrogen fertilizers.** 091822
Banding **nitrogen fertilizers** in soil: principl- 091826
inhibitors & slow-release **nitrogen fertilizers** 091916
Effect of nitragin & **nitrogen fertilizers** on a- 091981
Nitrogen fixation in a subarctic mire. 087462
Nitrogen fixation in termites. [Kalotermes 090782
Kinetics of **nitrogen fixation** & acetylene re- 091519
Distribution of **nitrogen-fixing** Cyanophyta a- 086457
Mass culture of **nitrogen-fixing** Cyanophyta 088959
s protein with urea on **nitrogen fractions** & 084544
buffalo bulls on rumen **nitrogen fractions** & 084556
by growing poultry on **nitrogen-free** feeding 084435
compounds on content of **nitrogen** & **free** am- 087875
nitrogen dioxide reduction, **nitrogenous gas** 091554
quality of maize **germplasms-nitrogen** effect 088394
Effect of **gradated nitrogen**-fertilization und- 091977
Effect of **nitrogen** on **growth** of Panicum in 091907
in presence of **nitrogenous heterocyclic** com- 087511
Study on **nitrification inhibitors.** 2; injurious 089573
of determination of water-**insoluble nitrogen** 091809
Effects of **nitrogen** & **irrigation** on yield of f- 088354
amides as sources of **nitrogen** for **lambs.** 084496
Net mineralization of **nitrogen** in **leaves** & l- 091982
influence of soil moisture & **nitrogen levels** 087403
of deep frozen sperm in **liquid nitrogen** (D- 084958
for 44 weeks in presence of **liquid nitrogen.** 085400
Liquid nitrogen storage of Macrophomina p- 089225
superphosphate addition on **nitrogen losses** 091975
in dependence upon **nitrogen** in **lowland** reg- 084723
profitability through **nitrogen management.** 089567
Maximum nitrogen retention capacity of gr- 084282
Plant **nitrogen metabolism** & calcium or pot- 087289
Elimination of **mineral nitrogen** compounds 087362
conditions of soil **moisture, nitrogen** & sulp- 083753
Effect of **nitrogen** & **molybdenum** on forming 088201
Effect of mixture of **nitrogen** & **neburon** on 087883
tests for ammoniumand **nitrate-nitrogen.** 091816
Extraction of **nonprotein nitrogen** from oils- 083552
Nitrogen nutrition of some soil bacteria. 091712
Nitrogen nutrition, soil management & nitr- 092003
on growth of fungi utilizing **organic nitrogen** 091717
Nitrogen packaging of green tea by flexible 083157
Nitrogen & **phosphorous** in rain water at Fo- 092231
on yield & uptake of **nitrogen, phosphorus** 087652
amount & ratios of **nitrogen, phosphorus** & 087881
Nitrogen & **phosphorus** needs of cauliflower 088028
Effect of levels of **nitrogen, phosphorus** & p- 088889
Effects of **nitrogen, phosphorus,** & potassium 091815
Effects of **nitrogen, phosphorus,** potassium, 091817
to amide nitrogen in **nitrogen, phosphorus** & 091825
Effect of **nitrogen, phosphorus** & copper on 091833
Know your common **nitrogen phosphorus** po- 091852
Nitrogen & **phosphorus** needs of cauliflower 091868
Effect of **nitrogen** & **phosphorus** fertilization 091935
relative importance of **nitrogen, phosphorus,** 091939
of effects of **nitrogen, phosphorus,** potassium 092008
Sources of **nitrogen** & **phosphorus** in Lake 092422
Plant nitrogen metabolism & calcium or pot- 087289
Loss of **nitrogen** from **plant** residues on soil 091875
Relation between **precipitations, nitrogen** d- 087863
with urea as NPN[non **protein nitrogen**]-so- 084061
Non-**protein nitrogen** utilization by ruminan- 084556
on growth & content of **protein nitrogen** in 087745
N02[nitrogen dioxide **reduction, nitrogenous** 091554
inhibitors & slow-**release nitrogen** fertilizers 091916
Slow **releasing nitrogen** fertiliser from waste 091819
Maximum **nitrogen retention** capacity of gr- 084282
Surti buffalo bulls on **rumen nitrogen** fracti- 084556
What rate of **nitrogen** may be **safe** for pastu- 091955
to consecutive reactions of **nitrogen** in **soil.** 091535
on annual cycles of sulfur & **nitrogen** in **soil** 091814
on microbial populations & **nitrogen** in **soils** 089170
on sedimentation of **soluble nitrogen** constit- 083385
on utilization of **soluble nitrogen** by aquatic 087307
Response of grasses to **nitrogen source.** 087777
to different levels of **nitrogen** & **spacing** und- 088314
Liquid **nitrogen storage** of Macrophomina p- 089225
weight distribution of **nitrogenous substances** 083043
fffect of varying levels of **nitrogen** & **time** of 091877
Nitrogen topdressing for more panicles & sp- 091908
Nitrogen transformation in soils. II. In san- 091780
Nitrogen transformations in soils. I. In san- 091779
photoperiod & **nitrogen treatments.** 087709
Relative retentions of **nitrogen** of **urea** & gr- 084461
animo nitrogen, amino acids, **urea nitrogen,** 084851
gestation on proportion of **urinary nitrogen** 084202
Non-protein **nitrogen utilization** by ruminan- 084556
soil & foliar application of **nitrogen** on **yield** 091869

NITROGENASE
Assaying nitrogenase (C2H2) activity in th f- 091518
of **nitrogenase** using a **colorimetric** determin- 087542

NITROSO
Mutagenic action of **nitroso methyl** urea in 086915

NITROSOGUANIDINES
by N-methyl-N'-nitro-N-**nitrosoguanidine.** 087183

NITROSOMONAS
flow system. [**nitrosomonas, Nitrobacter**]. 091533

NITROXYNIL
in cattle in Malawi: therapy with **nitroxynil** 085528

NOCARDIOSIS
Pulmonary nocardiosis in a goat in Malawi. 085292

NOCTUIDAE
exigua Hbn. Lepidoptera: **Noctuidae.** 089838
Alexandria region. Lepidoptera: **Noctuidae.** 089839
Alexandria region. Lepidoptera: **Noctuidae.** 089840
boisduval larvae (Lepidoptera: **Noctuidae**). 089862
littoralis (Boisd.) (Lepidoptera: **Noctuidae**). 089867
littoralis (Boisd.) (Lepidoptera: **Noctuidae**) 089870
littoralis (Boisd.) (Lepidoptera: **Noctuidae**) 089871
littoralis, (Boisd.) (Lepidoptera: **Noctuidae**). 089874
littoralis (Boisd.) (Lepidoptera: **Noctuidae**). 089877
littoralis (Boisd.) (Lepidoptera: **Noctuidae**). 089882
in middle of Delta (Lepidoptera: **Noctuidae**) 089883
Boisduval) larvae (Lepidoptera: **Noctuidae**). 089884
littoralis (Boisd.) (Lepidoptera: **Noctuidae**) 089885
exigua Hbn. Lepidoptera: **Noctuidae.** 089958
Heliothis zea (Lepidoptera: **Noctuidae**), to 090015
exigua (Hubner) (Lepidoptera; **Noctuidae**). 090464
boisduval larvae (Lepidoptera: **Noctuidae**). 090526
exigua Hbn. Lepidoptera: **Noctuidae.** 090808
Alexandria region. Lepidoptera: **Noctuidae.** 090809
Alexandria region. Lepidoptera: **Noctuidae.** 090811
in Upper-Egypt. Lepidoptera: **Noctuidae.** [090816
exigua Hbn. Lepidoptera: **Noctuidae.** 090818
Pref., Japan (**Lepidoptera, Noctuidae**). [Nat- 089935
orcynia Druce (**Lepidoptera, Noctuidae**). 090962

NODE
Lymph **node function** & lymphocyte circulat- 084040
Lymph nodes & lymph vessels of head of go- 084045

NODULES
in Western Australia. [Root **nodule bacteria** 087885
differences in field. [Root **nodule bacteria**]. 087886
on forming of kidney **bean nodules** (Phaseol- 088201
on growth & **nodulation** of **groundnut.** 091795
for ethylene. [Peas, **root nodules**]. 087542

NOISE
III. characteristics required to **silence noise** 086130

NOMENCLATURE
Recommendations for **nomenclature changes** 087063
Embryonosis. **Nomenclature** & **definitions** for 085665
Typification & **nomenclature** of **Dichaena** Fr 086403
Regulating **forestry terminology.** 086340
Nomenclatural notes on some members of 086416
fruit fly in Oregon: a **nomenclature problem** 090947
Pisces Z. N. [**Zoological Nomenclature**] (S. 090916

NONPROTEIN
SEE PROTEINS

NOODLE
for testing physical quality of **noodles.** 082835
residue levels in cooked rice & **noodles.** 090327
of egg content of **noodles** by **multiple** radial 083500

NORADRENALINE
excretion of **noradrenaline** & **adrenaline** in 084276
excretion of **noradrenaline** & **adrenaline** in 084277

NOREPINEPHRINE
swine by **norepinephrine, epinephrine,** & iso- 084321

NORMALIZATION
of starch components of **normal barley,** & b- 087890
Radiographic anatomy of **normal canine** abd- 084327
enzymes in **normal** & **carotenoid** mutant ma- 087690
passages in presence of **normal chicken** ser- 085475
Normal corrdinate analysis: a study of mole- 086102
glutamate utilization by **normal** & **crown**-gall 087862
maydis on corn hybrids in **normal cytoplasm** 089210
during diapause & **normal development** of b- 090675
of ECG [electrocardiogram] on **normal dog.** 084082
Normalization effect on agricultural products 082462
more efficient measures **ensuring normal** wo- 085964
of serum proteins of **normal female** asses (E- 084063
in erythrocytes of **normal** & **glutathione**-defi- 084755
Phylloxera [vastatrix] gall & **normal grape** 090050
diversions from Northwest; **normal** & **high**-f- 092271
Normal locomotion of Millipede Julus sp. 090665
ontogeny of stamens in **normal** & **mutant** pl- 086854
natural mortality of **normal** & **mutant** drone 091158
Dieldrin storage of **obese, normal,** & semist- 090310
embryo & endosperm of **normal** & **opague**-2 087818
picture of cerebro-spinal fluid in **normal pig** 084376
of some organs & tissues of **normal piglets** 085801
muscle growth of **normal** & **potassium**-chlor- 084662
determination of **normal potential** of peat-w- 091748
region as a source of **normal production.** 082605
vitamin A content of **normal ruminant's** blo- 084020
with **normal** & with **structurally** altered gen- 090825
Studies of **normal turkey** sinus by scanning 085892
Normal values of cholinesterase from plasma 084067
Normal values of cholinesterase activity in 084355
Normal values of cholinesterase activity in 084359
Normal vs. male-sterile cytoplasms in maize 087070
efficient measures ensuring **normal working** 085964

NOSE
Nose ringing of pigs. 5th ed. 083984

NOSEMA
B, Nosemack & Humatin on **Nosema apis.** 091082
factors of development of **Nosema apis** Zan- 091117
Nosema apis in drone honeybees. [Apis mell- 091167
studies of **Nosema bombycis** Naegeli infecti- 091226
bees & of winter flights on **Nosema disease** 091157
Transmission of **Nosema disease** from infect- 091171
Quantitative diagnostics of **Nosema disease** 091203
Nosema disease of bees, an economical prob- 091215

NOSTOC
distorta, Anabaena **cyclindrica, Nostoc** mus- 087368

NOTCH
of selected combinations of **notch-locus** mut- 090530

NOZZLES
Nozzle arrangement for cotton insect control 089900

NUCLEAR
characteristics of DNA-containing ("**nuclear** 091672
Basic nuclear proteins of cellular slime mold 087342
Carbon-13 **nuclear** magnetic resonance spect- 087216
Duration of formation of **intranuclear crystal** 090678
acids, of proteinaceous **intranuclear crystals** 090716

Nuclear cycle: a parameter for selection? [087052
Rhythms of **nuclear divisions** & septation in 087193
Plurality of values in **nuclear DNA** of epide- 086696
of chloroplast & **nuclear DNA** of maize. 087796
purification of maize **nuclear DNA.** 087804
interaction at **nuclear envelope** in post meio- 086769
Cytoplasmic & **nuclear inclusions** in leaf cel- 086737
polyhedrosis virus with **nuclear inclusions.** 091174
low moisture levels using wide-line **nuclear** 083147
Carbon-13 **nuclear magnetic** resonance spect- 087216
NMR [**nuclear magnetic** resonance] spectra, 087387
Isolation & purification of **maize nuclear** D- 087804
Nuclear morphology & nucleolar DNA synt- 084120
Multiple nuclear ribonucleic acid polymeras- 087416
of plastids induced by a **nuclear mutator** ge- 087127
on virulence of a **nuclear polyhedrosis** virus 089812
Field evaluation of a **nuclear polyhedrosis** vi- 090136
amino-acids, of **proteinaceous intranuclear** c- 090716
Basic **nuclear proteins** of cellular slime mold 087342
Nuclear restoration of fertility in S male-st- 087074
Multiple **nuclear ribonucleic** acid polymeras- 087416
Nuclear volume & cellular activity of gonad- 084349
A relationship between **nuclear volume** & re- 089623

NUCLEASES

forms of Neurospora **crassa nucleases** specif- 087326
stimulates formation of **nucleases** in **excised** 087913
Plant nucleases. IV. Genetic control of ribo- 086868

NUCLEIC

Degradation of **nucleic acid** derivatives by r- 084105
sheep on rate of cell division & **nucleic acid** 084205
by leaf extract or leaf **nucleic acid** to herbac- 089335
Nucleic acid synthesis in nurse cells of Rhy- 090595
in dry weight, protein, & **nucleic acid** conte- 090675
male germ cells with **nucleic acid** precursors 090742
specific for single-stranded **nucleic acids.** 087326
on content & synthesis of **nucleic acids** in p- 088029
in content of blycogen, sugars, **nucleic acids,** 090231

NUCLEOLUS

nucleoli & enhanced **nucleolar activity** in nu- 090594
Nuclear morphology & **nucleolar DNA** synt- 084120
on fine structure of **interphase nucleoli** in pl- 088017
melanogaster. II. **Nucleolar morphology** & in 090598
Development of **nucleolus** of **ovarian** nurse c- 090599

NUCLEOSIDE

leaf nucleotides & **nucleosides** on **insoluble** 087222

NUCLEOTIDES

protein synthesis & **adenosine nucleotide** le- 087551
of compounds of iron with **flavin nucleotides** 088030
Sugar **nucleotide inhibition** of UDP [uridine 087976
Pruification of **leaf nucleotides** & nucleosides 087222
Nucleotides & **organophosphates** of cardiac, 084128

NUCLEUS

of queenless caged workers & **nuclei** of **Apis** 091071
of DNA content in germ **cell nuclei** of fema- 084182
bee workers to queens in **mating nuclei.** [Ap- 091171
Nucleation phase & energy pattern. [Sugarb- 083687
Size & DNA content of **nuclei** in **Polyxenus** 090480
Transplantation of **nuclei** into **protoplasts** of 088233
of third chromosome in **nuclei** of **salivary** gl- 090823
Methods of **wintering nuclei.** [Apiculture]. 091197

NUCLIDES

of migration of artificial **radioactive nuclides** 087565

NURSERIES

Farrowing & **nursery building** for swine. 091296
Culture of **forest nursery** materials. 086033
Pests in **forest nurseries** & forests of Jordan 090110
Winter cold injury to **fruit nursery** stock. 089473
Fruiting nursery: ultrahigh density for evalu- 086938
survey of Rhode Island **nursery industry.** 082641
of young tea seedlings in **nursery period** & y- 088965
vegetables, ornamental **plants, nurseries].** 082217
fertilisation trials of **poplar nurseries.** 091818
in soil prepared for paper-**pot nursery.** [Pol- 089121
Raising good **rice nursery.** 088493
phytomass of some acacias in **nursery stage** 088268
of mango rootstocks in **nursery stage.** 088551
growth potentials of **nursery stock** by using 086086
Afforestation & **nursery techniques** in turkey 086054
Nursery trees must be true-to-type. 088633

NURSING

after 12 hours vs. 36 hours of **nursing.** 083959
education. registered **animal nursing** auxiliar- 085065
Breeding of **nursing animals**--essential condi- 084912
Studies on "sugar **beet nursing** plant". 1. O- 088427
of nucleolus of ovarian **nurse cell** of Drosop- 090599
enhanced nucleolar activity in **nurse cells** of 090594
Nucleic acid synthesis in **nurse cells** of Rhy- 090595
without renewing bees in **nurse colonies.** 091080
First results with **nurse rearing** by hysterec- 083997

NUTMEG

of some diarylpropanoids from **nutmeg.** [My- 088110

NUTRIENTS

Carbohydrates as **nutrients.** 082940
of grass on content of **nutrients.** 083905
mutants to different temperature & **nutrients.** 087793
Studies on growth & **nutrient absorption** of 088023
pot plants using culture on **agar nutrient** m- 088929
works as a source of **available nutrients.** [Fe- 091968
Micronutrients in **canned** meats. 082914
acid phosphomonoesterase) in **nutrient cells** 090102
habitat conditions on **nutrient concentration** 087877
Foliar **nutrient concentrations** of some Min- 091942
influenced by different **nutrient conditions.** 089112
derivatives & silica gels **containing nutrient** 091561
ecosystem. I. Litter fall & **nutrient contents** 086671
Changes in **nutrient contents** of spring barl- 087648
Correcting micronutrient problems. [Fertili- 091898
utilization of **nutrients** in **cross**-bred calves. 084190
Determination of **micronutrients** in **dairy** pr- 083335
Problems of **nutrient defiencies** & visual sy- 088044
leaf rust influenced by **different nutrient** co- 089112
Investigation into effect of **different nutrient** 091789
of soil & fertilizer **nutrients effect** total yield 088396
comparison of plant **nutrient element** status 088272
on deficiencies of some **nutrient elements** in 089583
silica gels containing **nutrient elements.** 091561
population to **nutrient enrichments** of amm- 087589
ammonia on yield & **nutrient extraction** of s- 091804
influencing conversion of **feed-nutrients** with 084613
performance of soil & **fertilizer nutrients** eff- 088396
free single & multiple-**nutrient fertilizers.** 091821
Foliar nutrient concentrations of some Min- 091942
Micronutrients in **food** salt consumed in Ita- 082913
condition & circulation of **nutrients** in **forest** 086671
Aggregate effects of **nutrients** & **gibberellic** 087941
on absorption of **inorganic nutrients** by plan- 087468
Effect of **inorganic nutrients** on water econ- 088300
consumption & calorie & **nutrient intake** in 082978
return on investment for **nutrient labeling?** 082742
Nutrient labeling: myths about analytical n- 082744
into effect of different **nutrient level,** manner 091789
Nutrient levels & rhizobial efficiency. [Soil 087454
of washing techniques on **nutrient losses** & 088106
Influence of **macro-nutrients** on relative gro- 087364
Better utilization of **nutrients** in **maize** plan- 088390
of Lemna grown in various **nutrient media.** 087397
using culture on agar **nutrient medium** under 088929
of enzyme production in a **nutrient Medium.** 089180
liming on uptake of **mineral nutrients** in pas- 087808
Loss of **mineral nutrients** from banana pseu- 088218
thawing as a factor in **mineral nutrient** stat- 091691
liming on uptake of **mineral nutrients** in pas- 091953
of chloride-free single & **multiple-nutrient** fe- 091821
Nutrients in **Nebraska's** groundwater. 092423
from sewage sludge used as a **plant nutrient** 087670
A multivariate comparison of **plant nutrient** 088272
Correcting **micronutrient problems.** [Fertili- 091898
On question of **nutrient provision** & weight 084520
Nutrient release from decomposing leaf & b- 088257
A study of **nutrient removal** by cashew tree. 088075
Nutrient requirements of horses. 084654
Nature & fate of **nutrient reserves** of period- 090685
Nutrient responses on exposed mountain su- 091951
Force-feeding of **nutrient slurry** to feedlot c- 084716
solubility rates of **nutrients** in **soil** by means 091612
L. Seedlings by spraying **nutrient solutions.** 086037
sludge used as a plant **nutrient source.** A c- 087670
sylvestris L. Seedlings by **spraying nutrient** 086037
as a factor in mineral **nutrient status** of mire 091691
by root temperature, **nutrient supply** & crop 088047
on dry-matter production & **nutrient uptake** 087759
on relationship between **nutrient uptake** & y- 087790
fertilization on yield & **nutrient uptake** of E- 091935
of Lemna grown in **various nutrient** media. 087397
feed intake, digestibility of **nutrients** & **VFA** 084203
crop quality, & **nutrients** in **wastes.** 091831
of crops & uptake of **nutrients** by **wheat** (Tr- 087666

NUTRITION

Expert Panel on Food Safety & **Nutrition.** 082813
Nutrition: its relationship to children's phys- 082911
Some reflections on protein. [**Nutrition**]. 082912
or soy "drumsticks" perhaps? [**Nutrition**]. 082934
Pepper & **nutrition.** 083007
Feeds & **nutrition.** 24. [Fats]. 083857
selenium relationships in swine. [**Nutrition**] 084409
Feeds & **nutrition.** 24. [Fats]. 084415
effects of carbohydrates in **nutrition.** [Poult- 084447
Expert Panel on Food Safety & **Nutrition.** 092391
Nutrition in old **age.** 082984
Pigments in egg yolk. [**Animal nutrition**]. 083521
in iodized mixtures for **animal nutrition.** 084407
production. [Fertilizers, **animal nutrition**]. 084474
Oligoelements. [**Animal nutrition,** cattle]. 084480
Hybrid-line cos. [**Animal nutrition**]. 084505
of egg shell breakage. [**Animal nutrition,** po- 084528
Ingested soil & **animal nutrition.** 084657
Pigments in egg yolk. [**Animal nutrition**]. 084671
Franciszek Abgarowicz. [**Animal nutrition**] 084681
Prof. Dr. Jozef Dubiski. [**Animal nutrition**] 084689
Current trends in small **animal nutrition.** [084714
production. [Fertilizers, **animal nutrition**]. 091820
with appreciation of **nutritive aspects** of fish- 082990
procedures involved in a **nutritional balance** 084469
Concept of **balanced nutrition** & its applicat- 082976
Oligoelements. [Animal **nutrition, cattle**]. 084480
Nutrition of **cattle** in large-scale farming co- 084724
of subclinical mastitis on **certain nutritive,** t- 083361
Sukhadi: a **nutritious** & **cheap** food. 082938
preparations designed for **child nutrition.** 082946
Nutrition clouds & sea: Artificial weather, s- 092104
Food supply & **nutritional condition** of indiv- 082930
Nutritive content of canned tomato juice & 082960
An approach to **nutritional control** mechani- 091152
on animal health. [**Nutritional deficiencies**] 085710
of pultry receiving or not **nutritive doses** of 085490
Study impact of food & **nutrition education** 082982
Reactions to **nutrition education** on televisi- 083005
Nutritional effect of animal & plant diets on 090794
An investigation of **nutritive efficiency** of sw- 084436
Some aspects of **ewe nutrition.** 084717
Non-**nutritional factors** influencing sclerotii- 087306
Rice: a genuine **nutritional food.** 082948
Concepts in **fungal nutrition** & origin of biot- 087324
Rice: a **genuine nutritional** food. 082948
Structural change of **nutrition** in **German** F- 082925
Dairy **goat nutrition.** 084451
on incidence of **nutritional groups** in soil ba- 091715
policy & way to **healthy nutrition.** 082656
Friesian young bulls fed on **nutritional high** 084405
cattle & health aspects in **human nutrition.** 082700
in cholesterol-fed rats. [**Human nutrition**]. 082915
Problems of **human nutrition** by using large 082926
Rebuttal. [**Human nutrition**]. 082928
solve world protein crisis. [**Human nutrition** 082937
a cellulose bulking agent. [**Human nutrition**] 082944
on blood cholesterol level. [**Human nutrition**] 082947
effects of heated fats. [**Human nutrition**]. 082970
of carbohydrates in **human nutrition.** 082974
Place of dairy products in **human nutrition.** 082986
of zinc absorption in rat. [**Human nutrition**] 082993
a cellulose bulking agent. [**Human nutrition**] 084535
components from food. [**Human nutrition**]. 082902
Some **nutritional implications** of group-feedi- 084424
on some mineral & **nutritive ingredients** of 088323
Nutritional interrelationships among vitamin 084601
Ideal program for **nutrition** of **lean** swine. 084516
Recent research on **livestock nutrition** & fe- 083860
adhered to present **livestock nutrition** (espe- 084396
Recent research on **livestock nutrition** & fe- 084421
Selenium & **livestock nutrition** in Montana. 085723
Mineral nutrition & production disease in d- 085658
Mineral nutrition: Nitrophobia. [Horticultu- 088036
A **nutritional monitoring** system for dairy h- 084353
National nutrition survey in Japan. 082929
Relation of **nutrition** to **nervous** system dist- 085762
Nitrogen nutrition of some soil bacteria. 091712
Nitrogen nutrition, soil management & nitr- 092003
of rootstocks on **nutritional performance** & 088122
Neglect of **nutrition** & its **perils.** 082910
Nutritional physiological basis of energy & 084512
their interactions in **nutrition** of **pineapple.** 091939
Food plants. [**Nutrition, plant** proteins]. 082975
Introduction to **plant nutrition.** 15. 087209
research, food additives, **plant nutrition.** 088818
Host **plant nutritive** value & variable number 090123
on K. [potassium] **nutrition** of **plants.** 087396
Role of trace elements in **nutrition** of **plants** 087455
Poultry nutrition research Chickens. 084521
shell breakage. [Animal **nutrition, poultry**]. 084528
Poultry nutrition. 084540
Physical & **nutritional properties** of rapid p- 082921
Comparison of **protein nutritional** value of 082962
system of evaluating **protein nutrition** of fee- 084412
Rabbit nutrition. 084413
of swine fed under two **nutritional regimes.** 084580
Nutrition & its **relation** to poultry health. 084670
Effect of plane of **nutrition** on **reproductive** 084560
Nutritional requirements & level of feeding 084403
Poultry **nutrition research** Chickens. 084521
Best **nutrition reservoir** for plants. [Waste u- 092294
Zinc-copper antagonism in **nutrition** of **rice** 087857
Nutrition of **ruminant** animals in relation to 084694
of Division of **Nutritional Sciences.** 082793
Nutritional & seasonal effects on solids-non- 084542
spring preparation of **soil, nutrition** & amou- 088306
Nitrogen **nutrition, soil** management & nitr- 092003
Nutritional state of Danish fruit orchards as 091989
treatment of herbage for **nutritional studies** 084561
National **nutrition survey** in Japan. 082929
remarks on contribution "**Nutrition taboos:** 082927
mastitis on certain **nutritive, technological** 083361
evaluating deterioration & **nutritive value** of 082845
What's in an egg? [**Nutritive value**]. 082917
Effect of processing on **nutritive value** of fru- 082922
Comparison of protein **nutritional value** of 082962
Fresh milk: **nutritive value** with arbitrary pr- 082967
on bee royal jelly. [**Nutritive value**]. 082987
California: discovery of its **nutritional value** 082991
Effect of processing on **nutritive value** of fru- 083730
Nutritive value of fodder yeast produced fr- 083854
Nutritive value of soy sauce residue & its use 083859
crop of forage grasses. 2. **Nutritive value** of 083862
Nutritive value for growing pigs of single cell 084389

of chemical composition & **nutritive value** of 084406
Nutritive value of soy sauce residue & its use 084417
Establishment, production, & **nutritive value** 084477
Nutritive value of some field-cured hays. 084491
Nutritive value of Phalaris tuberosa & Loli- 084509
A note on **nutritive value** of pulse chunies. 084547
Nutritive value of Kochia scoparia. III. Dig- 084592
meals. XXIV. Quality & **nutritive value** of si- 084652
macrosoma) fish meal & its **nutritive value.** 084665
Nutritive value of chemically prepared rape 084688
Nutritive value of sheep rations containing 084721
preservation methods on **nutritive value** of c- 084722
of chemical composition & **nutritive value** of 087661
Contribution & **nutritive value** of major pla- 087716
Establishment, production, & **nutritive value** 088362
Nutritional value of certain crops on lesser 089838
Host plant **nutritive value** & variable number 090123
Nutritional value of certain crops on lesser 090808
legume roughages on their **nutritive values.** 084543

NUTS
on microbiological quality of **cashewnut** (An- 082804
bearing surface & yield of tree fruits & **nuts** 088863
Seeding blight of **cashew** (Anacardium occid- 089038
To tame wild ones. [Fruits, **nuts, breeding**]. 088852
in almonds, hazel-nuts, peanuts, **copra, nuts,** 090311
Biology & control of a **nut curculio,** Conotr- 090061
composition of almonds, **filberts, cashews,** p- 083765
sodium benzoate. [Dried **fruits, nuts,** fungi, 089042
From shells of **green nuts;** production of No- 083114
activities at Dried Fruit & Tree **Nut Insects** 090180
Fruit & tree **nut research** at Western Regio- 083726
Nut research at Iowa State. 086314
oil of almond, pistachio & **cashew seeds.** 088206
A study of nutrient removal by **cashew tree.** 088075
Nut trees to grow in suburbs. 088692
Indoor grafting of **nut trees.** 088846
Thoughts on expanding ranges of **nut trees.** 088851

NYLON
Nylon bands used as ligatures & fixation de- 085036

NYMPHAEACEAE
Waterlilies (**Nymphaea**). 086496

NYMPHALIDAE
on Apatura ilia in Champagne (**Nymphalidae**) 090886
Frhst. New morvina race (**Nymphalidae**). 090891

NYMPHOIDES
of Butomaceae, **Hydrocleis nymphoides** & 086741

NYMPHS
II. Water balance of **nymphs** & **adults** in re- 090467

OAK
Catechin-dimers in **oak bark** (Quercus robur 088246
Catechin-dimers contained in **oak bark.** IV. 088247
pattern of fungal species from an **oak forest** 086680
of understory by Oklahoma **oak forests.** [Q- 088304
applied under field conditions to **green oak** 090173
Operations of **Japanese oak** timber forests. 085967
Oak mortality caused by repeated gypsy mo- 090127
yields from graded trees of five **oak species.** 086197
of seasalt particles in a **oak stand** on coastal 088267
Insects reared from galls on **willow, oak** & 090143

OATS
determination test of seed samples of **oats.** 083669
Protein distribution in **oat** (Avena sterilis L. 086908
on angle & duration of stimulation. [**Oats**]. 087705
Avena. I. Comparison of crop species. [**Oats** 087776
gibberellic acid & sucrose on growth of **oat** 087841
II. Induction at low temperature. [**Oats**]. 087706
seed quality. Field experiment. [**Barley, oats**] 083670
for each region. [Wheat, **barley, oats**]. 088531
mutations in barley & **oats** with **chemical** m- 086942
in spite of bad weather. [**Corn, oats**]. 091919
in above ground substance of **oats** in **course** 087877
glucose & particulate **enzyme** of **oat** coleopti- 087844
of developing wheat,barley, & **oat grains.** 087726
Susceptibility of **oats** & **gramineous** crops to 089123
Halo blight of **oats** in **Kenya.** [Pseudomonas 089298
components of **oats** through **progressive** stag- 087716
Whole versus **rolled oats** for yearling steers 084650
thiphosphatase activity of **oat roots.** 087851
Effects of fertilization on an **oat-ryegrass** m- 091931
fractions in top parts of **oat seedlings.** 089718
1972 Barley & **oat tests.** 088361
Stopping **wild oats.** [Avena fatua]. 089595

OBESITY
Dieldrin storage of **obese, normal,** & semist- 090310

OBSTETRICS
Application of Rompun in **obstetric perations** 085172
of sterility & **obstetrical problems** in bitch. 084750

OBSTRUCTION
for bile duct rupture & **obstruction** in **dog.** 085057
Upper **respiratory obstruction** in brachycep- 085040
urethritis, urethral **obstruction syndrome.** 085607

Obstruction of **teats** on cows. 085802

OCCLUSION
Clinical significance of **traumatic occlusion** of 085773

OCCUPATIONS
Summer jobs in **ag careers.** [Agronomy]. 081996
Role of-- **agricultural occupations** instructor 081895
Better teachers key to **better career** orienta- 081901
Brucellosis as an **occupational disease** of ver- 085101
Career education--implications for state sup- 081899
teacher educator in **career education.** 081900

OCHRATOXIN
Analysis of **ochratoxins** A & B & their **esters** 082689
Analysis of **ochratoxins** A & B & their **esters** 082690

OCHROMONAS
Ochromonas: A model system for study of p- 087310

OCIMUM
SEE LABIATAE

OCOTEA
SEE LAURACEAE

OCULAR
SEE EYES

ODITES
Lepidoptera Stenomidae). [**Odites fotsyella,** 090160

ODONATA
Indian paddy **field Odonata** taken by Miss i 091000
Paddy **field Odonata** taken at Bangkhen, B- 091007

ODONTOTERMES
of termites in a mound. [**Odontotermes feae,** 090763

ODOR
Odor control may be a big concern. [Manure 091901
Sexual **odor development** in boars. 084147
Development of off-**odors** & off-**flavors** in pa- 083773
Odor-following & anemotaxis. [Pectinophora 090781
of chromatographic analysis of **food odors.** 083115
view to reducing poisonous & **odorous gas** c- 091954
indicating & a danger **indicating odorous** 090483
of "garlic-mustard" **odor** in **Parmesan** cheese 082840
Topography of **scent scales** of male cabbage 090569
Taste & **odor** of **water** to be used for drinki- 092228

OEDEMAGENA
SEE HYPODERMA

OESOPHAGOSTOMUM
piglets during weaning. [**Oesophagostomum**] 085536
in **Oesophagostomum radiatum** grown in vivo 085399

OESTRIDAE
of hippopotamus (**Diptera, Oestridae**). 090292

OIDIUM
of Cymbidium mosaic virus. [**Oidium**]. 089224
of Hevea clones to **Oidium heveae.** 089049
varieties to powdery mildew **Oidium lini** in 089097

OIL
India short of **oil.** 082631
of oxidized acids occuring in fats & **oils.** IV. 083207
by Myzus persicae inhibited by **oil.** 089368
of chlorinated pesticides in milk, fats & **oils** 082873
pancreatic lipase. [Olive **oils, adulteration**]. 082876
beef tallow, coconut oil or soya-**bean oil.** 084460
sterilization of tuna canned in **oil** & **brine.** 083107
Component fatty acids of **chaulmoogra oil.** 083616
presented at AOCS [American **Oil Chemists** 083129
Chrysalis **oil, cholesterol,** fatty acids & ami- 083205
milk diet by either beef tallow, **coconut oil** 084460
Pests & diseases of **oil** & **coconut** palm: Par- 089937
on tocopherol content in **colza oils** differing 083652
in heptanal & peroside values of **colza oil** d- 083653
Observations on limitation of **colza oil** in pr- 083760
Place & season effects on **oil content** of co- 083657
germ size evaluated visually & **oil content** in 087149
Oil content & herb yield of geranium plants 088220
having greater sensitivity. [**Corn oil**]. 082965
chromatography of heated fats. [**Corn oil**]. 083602
Cultivation of safflower as **oil-crop.** 088375
From beginning of processing of **oil crops** in 083578
weed seeds in root crops & **oil crops.** 089699
G. S. West in presence of **crude oil** & emulsi- 087363
on tocopherol content in colza **oils differing** 083652
Research on smoking point of **edible oils.** 083027
Clay-heat refining of **edible oils.** 083128
Symposium: Processing of **Edible Oils,** pres- 083129
flavor mixtures. [Citrus **essential oils,** rum]. 083122
Constituents of **essential oil** from Thymus q- 083191
Elucidation of biosynthesis of **essential oils** 087123
of marsh grass: survey of **essential oils** in J- 087484
Essential oil from needles of Juniperus mac- 087582
odorata (Willd) producing **essential oils.** 087583
Pelargonium roseum, **essential oils**]. 088962
trichloroanisole in several **essentials oils.** 083127
Oils & **fats**--important source of raw materi- 083052
Contribution to knowledge of **fatty oil** of al- 088206
other fatty diamines in **oil films** & water di- 090249
Effect of dietary **fish oil** soapstock on perfo- 084465
works concerning soybean **oil hardening.** 083574
Suppression of gushing by use of **hop oil.** 083111
of unsaponifiable of olive **husk oils** purified 083836
Variability of **oils** of **Juniperus** communis. I. 088292
Variation in **leaf oil** of Eucalyptus punctata. 087479
Studies on **leaf oils** of Citrus species. VI. C- 087987
communis. I. composition of **oils** in **leaves** of 088292
Solvent extraction of **linseed-oil** & analysis 083663
Influence of rapeseed **oil meal** in rations of 084682
Differently treated rapeseed **oil meals** for fa- 084683
Olive **oil, oilve** culture, & industries. 083837
Olive oil quality with regard to legal provis- 082759
by pancreatic lipase. [**Olive oils,** adulteration 082876
Olive oil, oilve culture, & industries. 083837
nutritive value of **oxidized oil.** 082845
of toxic compound in thermally **oxidized oil.** 082846
Vegetable fat products based on **palm oil.** 083193
Oil palm bunch incinerator: Utilisation of a- 083194
Cultivation of **oil palm** in Ceylon. 088972
translocation of boron in **oil palm.** III. Leaf 091846
borne pathogen. [Vascular wilt, **oil palms**]. 089017
acid composition & stability of **peanut oil.** [083774
of agricultural crops. II. **Oil plants** & legum- 088523
inhibitors for **polyunsaturated oils.** [Safflow- 083623
Processing of Edible **Oils, presented** at AO- 083129
of unsaponifiable of olive husk **oils purified** 083836
Olive **oil quality** with regard to legal provis- 082759
Experiences in refining **rapeseed oil** by Zeni- 083605
Influence of **rapeseed oil** meal in rations of 084682
Differently treated **rapeseed oil** meals for fa- 084683
Studies on Turkish **rose oil.** 083704
flavor mixtures. [Citrus essential **oils, rum**]. 083122
for polyunsaturated oils. [**Safflower oil**]. 083623
Effect of dietary supplement of **safflower oil** 084606
Effect of long period of feeding **safflower oil** 084609
storage of soybean & cottonseed **salad oils.** 083601
changes during frozen storage of **oil sardine** 083139
Fatty acids of **seed oil** from fruits of Opuntia 083028
of cis-4-alkenoic acids isolated from **seed oil** 083190
of colza oil in preparation of **seed oil** & mar- 083760
Contribution to study of new **oils** from **seeds** 083092
Storage & technology of **oil-seeds.** [Rapesee- 083568
Effect of dietary fish **oil soapstock** on perfo- 084465
in thermally oxidized oil. [**Soybean oil**]. 082846
Research works concerning **soybean oil** har- 083574
Water-recycle washing of refined **soybean oil:** 083604
reactors for hydrogenating **triglyceride oils.** 083130
of soap in refined **vegetable oils.** 083780
for determination of sterols in **vegetable oils** 083835
Volatile oil from herb & fruits of Carum cop- 087554
Waste oil: Toxic for horses. 085800
Extraction & methanolysis of **oil** from **whole** 083603
Variety trials for straw, grain & **oil yielding** 088539

OILPALM
cells of Elaeis guineensis. [**African oilpalm**] 087463
Miller), as a pest in **oilpalms** & its **control.** 089574

OILSEED
Oilseeds: world oilseed outlook. 082549
Amino acid composition of cereal & **oilseed.** 083654
abyssinica, a newly **introduced oilseed.** 088413
Poland's **oilseed meal** situation & outlook s- 082445
of nonprotein nitrogen from **oilseed meals** w- 083552
Argentina's **oilseed output** rises in spite of r- 082382

OINTMENT
indica) as an **ointment** base **ingredient.** 083093

OKRA
An evaluation of some types of **bhindi** (Abe- 088553
of green pods on seed production of **okra** (088890
studies in organic acids **treated okra** (Abel- 086792

OLEACEAE
Day in Eschwebe, June 26, 1971. [**Fraxinus**] 086143
over a six-year period. [**Fraxinus americana**] 089383
hardwood lignin. [**Fraxinus mandshurica**]. 086177
Podosesia syringae, **Fraxinus pennsylvanica** 090145

OLEORESINS
SEE RESINS

OLFACTORY
neutral compounds in egg **white smell.** 083519

OLIGONYCHUS
of red spider mite, **Oligonychus mangiferus** 090091

OLIVES
Hormones used for harvesting of **olives.** 088782
on control of major parasites of **olives.** [Pes- 090095
research on culture of **olives** in **Capitanata.** 082505
Gmel.) & susceptibility of **different olive** var- 090088
Development of female ovule of **olive flower** 086779
colour variations in adults of **olive fruit** fly, 090089
Composition of unsaponifiable of **olive husk** 083836

Olive oil quality with regard to legal provis- 082759
Olive oil, oilve culture, & industries. 083837
Salt tolerance of grape, guava & **olive plants** 087929
fall & embryonic processes in **olive trees.** 088070

OMISSION
Periodic omission of dairy cow milkings. I. 083963
Periodic omission of dairy cow milkings. II. 083964

ONAGRACEAE
A revision of genus Gaura (**Onagraceae**). 086610

ONCIDIUM
Chromosome numbers in **genus Oncidium** & 086350

ONCOPELTUS
during embryogenesis of **oncopeltus fasciatus** 090534

ONIONS
cytochemical analysis. [**Onions**]. 086749
Localization & mode of formation. [**Onions**] 086811
roots. Intracellular localizations. [**Onions**]. 086812
of interphase nucleoli in plant cells. [**Onions**] 088017
Determination of states of ripening in **onion** 088101
on important vegetable crops. V. **Onion.** 088191
of plant regulators on germination of **onion** 088200
Nematode fauna of carrots & **onions.** 089578
A study into keeping quality of **bulb onions** 083753
amoenus Loew on stored **onion bulbs** (Dipte- 090182
degradable plastic to **cotton, onions** & carro- 092065
on bulbing of **onion** under **noninductive** pho- 088065
management. 2. [Japanese **pepper, onions**]. 088559
gradients near a plane of **onion roots.** 088083
Effect of insect pollination on **seed onion,** w- 088081
of bacterial contamination from **onion seed** 088165
Effect of insect pollination on **seed onion,** w- 091168
negative absorption on **onions** in **soil.** 091479
seasons for Texas early **spring onions.** 082327
of Botrytis neck rot in bulk **stored onions.** 089154
of interfering substances in **Welsh onion** in 090390

ONISCOIDEA
microorganism of **Oniscoidea Armadillidium** 090415

ONTOGENY
quadrigemina of rabbits in **ontogenesis.** 084255
Ontogeny of **bovine** immune response. 085378
Conidium ontogeny in hyphomycetes. blasto- 086744
Observations on **ontogeny ot** feeding respon- 084470
description of flowers & **ontogeny** of **stamens** 086854

OOCYTE
significance of physiological state of **oocytes** 090109
during meiotic prophase in **oocytes** of **chick** 084120
on maturation of **oocytes** in **cockroach,** Leu- 090649
with reference to **oocyte degeneration** in vir- 090607
Meiotic behavior of **Drosophila oocyte.** 090622
patterns in bovine **follicular oocytes.** 084756
Drosophila melanogaster **mature oocytes.** 090740
growth phase in Cecropia **moth oocyte.** [Hy- 090592

OOGENESIS
Oogenesis. [Insects]. 090579
stages of **oogenesis** in **Drosophila** melanogas- 090589
stages of **oogenesis** in **Drosophila** melanogas- 090590
Oogenesis in **Hyalophora** cecropia. 090591
Insect oogenesis with & without lampbrush 090601
Oogenesis in **suppressor** of hairy-wing muta- 090598
chromosomes in **oogenesis** of **Wachtliella** pe- 090600

OOSPHERE
Modification in size of **oosphere** & **zygote** f- 086848

OPAQUE
Animal response to diets **containing opaque** 084641
forms with mutations of **Opaque-2** & **Floury** 087911
Ribonuclease activity in **half opaque-2** kerne- 087040
Linkage relations of **opaque-7** with **marker** l- 087044

OPHIOBOLUS
with take-all fungus. [**Ophiobolus graminis**] 089170

OPHIOGLOSSUM
in **Ophioglossum crotalophoroides.** 087217

OPILIONES
Opiliones of **Izu** Peninsula, central Japan. 090860

OPTICS
Amberlite IR 120 with an **optical aminolytic** 083091
Collaborative study of an **automated optical** 083249
their light spectra, & **optical & geometrical** 087623
of cross-sections with **optical microscope.** 082786
Proliferative **optic neuropathy** in horses. 085756
Optical parameters of leaves of 30 plant sp- 087549
Optical sorting of dried prunes. 083728

OPTIMIZATION
examination as an aid for **adding optimal** vo- 083895
Optimalization of **combine** testing planning 091456
Possibilities of **optimization** of **intensive** fert- 091956
Optimal marketing for export. [Dairy prod- 082312
Optimization of **meat** production. 083421
Preliminary study on **optimization** of **meat-** 083452
methods for bakeries to **obtain optimal** perf- 083566
Possibilities in choosing an **optimal thinning** 085937
Optimal transporting drives. [Food industry 083168
Optimization of **tree** species composition fr- 085944

OPTIMUM
parameters for **optimum composting.** 091828
Optimum energy level for broiler breeders. 084410
Optimum forage production in areas with hi- 088476
Can we obtain **optimum forestry?** 085953
Optimum number, size & location of livesto- 082482
Optimum pH [hydrogen-ion concentration] 091094
with growing chicks. II. **Optimum protein** l- 084610
as a pulping agent. II. **Optimum pulping** co- 086233
data pertaining to **optimum requirement** for 083707
Optimum superparasitism for mass breeding 089987
Optimum time of vaccination in dog. 085532

OPUNTIA
acids of seed oil from fruits of **Opuntia ficus** 083028

ORAL
in tissues of cattle & sheep given **oral doses** 090344
in stimuli associated with **oral evaluation** of 083155
toxin type C[carbon] beta **given orally** to g- 085193
their possible role in **oral immunisation.** 084350
acid soolutions after **oral & parenteral** appli- 082945
pigs: protective effect of **oral** or **parenteral** i- 085691
Oral & pharyngeal neoplasia. [Dogs]. 085628
control of efficacy of **oral quinidine** sulfate in 085661
Effect of hydrocolloids on **oral viscosity** & b- 083154

ORANGES
Two decades of change in U.S. **oranges.** [In- 083714
determination of lebaycid in **oranges.** 088090
Storing sweet **oranges better** way. 083754
of home made & of **commercial orange** juice 083723
gibberellic acid on 'Valencia' **orange crop** va- 087941
Navel" & "Late Valencia" **orange cuttings,** 088047
"fewtrell orange"--an early mandarin variety 088630
of three varieties of **Florida orange** juice. 083794
water table fluctuations. [**Florida, oranges**]. 089460
entomophagus on **orange fruits.** 089510
of citrus red mite in summer **orange grove.** 090054
Poncirus trifoliata **Hardy Orange.** 088825
of home made & of commercial **orange juice** 083723
of three varieties of Florida **orange juice.** 083794
Japanese export of **mandarin oranges** to Ca- 082422
varieties of late maturing **mandarin oranges** 088788
in cultural techniques for **mandarin orange.** 088797
Kin ow with confidence. [**Mandarin oranges** 088880
occurring in leaf fall of **Satsuma orange.** 086759
Valley navels. [**Oranges, Scirtothrips** citro] 089998
control of citrus red mite in **summer orange** 090054
Storing **sweet oranges** better way. 083754
of fruit bud differentiation in **sweet orange** 088197
Studies on granulation in **sweet orange** (Cit- 088198
gibberellic acid on **'Valencia' orange** crop va- 087941

ORCHARDGRASS
Response of **orchardgrass** to **broiler** litter & 091807
in mixed stands of **orchardgrass** & **Ladino** c- 087805
improve performance of **orchardgrass seed.** 087674

ORCHARDS
Labor & labor management. [**Orchards**]. 088871
what they mean to peach trees & **orchards.** 089397
Quality of fruits is prepared in **orchard.** [Fr- 089443
possibilities of weed control in **orchards.** 089757
Fertilisers & your **orchard.** 091998
with honeybees in **apple orchards.** 088102
Management of high density **apple orchards** 088682
Integrated pest control in **apple orchards:** P- 090010
with honeybees in **apple orchards.** 091180
product, a measure for **assessing orchard** ca- 088082
nematodes in establishing a **banana orchard.** 089491
a measure for assessing **orchard canopies,** & 088082
Damages in cherry **orchards caused** by large 090065
Survey of outstanding **citrus orchards.** 5. [P- 082195
of micrometerology in **citrus orchard** & ener- 086654
in technical development of **citrus orchards** 088557
on sprinkler spraying for **citrus orchards.** 4. 091315
Orchard & climatic factors. [Apples, pears] 088012
Orchardist & environment. [Pesticides]. 090401
Spiders often seen in **fruit orchards.** [Taxon- 091032
Nutritional state of Danish **fruit orchards** as 091989
dynamics of some **orchard insects.** 089982
for intensive & semi-**intensive orchards.** 088615
Elimination of **marginal orchards** & overpro- 082630
Natural control of **orchard mites.** 089984
of wild bees in some **orchards** near **Paris** fr- 090461
of trees & fertilizers in t he **peach orchard.** 088904
use of selective insecticides in **orchard pest** 089986
integrated control programs. [**Orchard pests** 081905
In **orchard, specially** for "small land owners 088884
Orchard sprays & grazing stock. 090402
Soil maintenance in **orchards** by **utilization** 089638
Orchard weed control. 089665
for horticultural crops; **orchard weed** control 092233

ORCHIDACEAE
grouping & habitat tolerance. [**Orchidaceae**] 086391

ORCHIDS
Studies in **American orchids.** IX. 086451
Orchids for **beginner.** 6. An environment for 088577
characters of West African **epiphytic orchids** 086391
early growth of **epiphytic orchids.** 088217
A second checklist of **orchids** of **Kenya.** 086351
1972 **Orchid stamps** for collector. 086279

ORDINATION
underlying intersegmental **co-ordination** of l- 090670

ORGANIC
of tannides in tissues of its **organs.** 086705
Organic acid treatment of protein suppleme- 084504
plant-available phosphorus of **acid organic** s- 091749
temperatures on content of **organic acids** in 083768
Cytomorphological studies in **organic acids** t- 086792
Effect of alcohols & **organic acids** on growth 087600
Determination of **organic acids** in tall fescue 087767
Determination of **organic acids** in tobacco. 087895
acids, reducing sugars & **organic acids** prese- 088071
Effect of alcohols & **organic acids** on growth 089274
Effect of **organic acids** & their derivatives on 089283
Our association's **organ, Bee** newspaper. 091216
phosphorus in relation to **organic carbon** & 091798
Usefulness of **organic carbon** parameters in 092240
of respiratory & digesting **organs caused** by 085414
of carbon-labeled **organic compounds** & car- 087743
embryonic chicken thymus in **organ culture.** 084038
major components in **different organs** of Da- 082634
III. Callus fromation & **organ differentiation** 086758
diseases of respiratory & **digesting organs** c- 085414
Effect of **organic enrichment** on generic co- 091715
Organic gardening--family-style. 088761
Let's take a look at **organic gardening;** heal- 088818
Morphogenesis of **generative organs** in scot- 086791
in accessory gland of female **genital organ** & 090857
cholinesterase activity in **individual organs** 084359
Protrusion of **intromittent organ** in male Xe- 090234
uptake of carbon-**labeled organic** compounds 087743
with different kinds of **organic manuring.** [G- 088322
Organic matter & mineral element cycles in 087321
exchange & accumulation of **organic matter** 088032
Organic matter in sandy Florida soils. 091562
density estimation based on **organic matter** 091675
Studies on humification of **organic matter** in 091784
systems on amounts of soil **organic matter** in 091980
Proof of a fraction tied to **organic matter.** 091478
with a hydrolysate from **mesenchyme organs** 085125
originating from **organic** & from **mineral** ma- 091774
soil microorganisms of **mobilizing organic** p- 091772
Argasidae) Argas). 17. a **neurohemal organ** 090261
on growth of fungi utilizing **organic nitrogen** 091717
of mobilizing **organic phosphorus** compounds 091772
Organic phosphorus in relation to organic c- 091798
macromolecule complexes in **plant organs** of 087920
Interactions between **organic polymers** & in- 091593
Reproduction, **reproductive organs,** & meiosis 090607
for virus diseases of **respiratory organs** in ca- 085436
in scanning microscope. I. **sense organs** of b- 090578
çontents of meat & **organs** of **slaughterhouse** 083399
systems on amounts of **soil organic** matter in 091980
available phosphorus of acid **organic soils.** 091749
A bibliography of **organic solvent**-based wood 086111
after pretreatments with **organic solvents.** 086187
Organic solvents as pollen suspending media 087030
Application of chemicals in **organic solvents** 088171
II. Biopsy techniques of **specific organs** & ti- 085016
Requirements for **organic substances** in sea- 087300
Quantity of volatile **organic substances** in fir 088242
in soil enriched with **organic substances.** 091713
determination for **organic terrain** surveys. 091551
materials as an indicator of **organic terrain** 091556
ion concentration] of some **organs & tissues** 085801
My "**organic-trench**-method" potatoes. 088762
on growth of fungi **utilizing organic** nitrogen 091717
cycle of abscisic acid in **vegetative organs** of 088222
Quantity of **volatile organic** substances in fir 088242

ORGANISM
of Mycoplasma-like **organisms** in **apple** trees 089312
on freshwater & **aquatic organisms.** 092343
action of disinfectants on **causal organisms** of 091189
derivatives on **organism causingVerticillium** 089283
a possible source of **Klebsiella organisms.** [085209
irradiation on growth of **micro-organisms** on 082815
Effects of **micro-organisms** on absorption of 087468
identification of **micro-organisms.** 091786
humus compounds affecting **plant organisms** 087313
matter & its distribution in **plant organism.** 087649
hematological indices in **poultry organism.** 085775
on thermoduric **organisms, 5 September** 19 083358

ORGANOCHLORINE
Organochlorine insecticides as a criterion of 082754
by micro-t.l.c. [**Organochlorine insecticides**] 089823
Organochlorine insecticides as a criterion of 090328
on removal of **organochlorine pesticide** resi- 082735

of soil residual **organochlorine pesticides** into 082737
occurrence of **organochlorine pesticides** in s- 082857
of soil residual **organochlorine pesticides** into 090325
occurrence of **organochlorine pesticides** in s- 090362
Mercury & **organochlorine residue** analysis 090372

ORGANOLEPTIC
chemical, & **organoleptic characteristics** of f- 082820
of wines for their **organoleptic examination** 083747
Organoleptic properties of some alkyl-substi- 083125
morphological & **organoleptic properties** of 083463
Organoleptic test as means of sanitary veter- 082874

ORGANOPHOSPHATES
Nucleotides & **organophosphates** of **cardiac,** 084128
activity of **halogenated organophosphates** to 089809
Organophosphate insecticide resistance leve- 089961
of **organophosphates** by **methanol.** 090345

ORGANOPHOSPHORUS
poisoned with **organophosphorus compounds** 085801
with some **organophosphorus insecticides.** 089821
exposure to **organophosphorus pesticides;** A 090346
Studies on **organophosphorous preparations** 085239

ORGANOTIN
action of some new **organotin compounds** ag- 089086
Studies on persistence of **organotin fungicide** 089168

ORIBATEI
subspecies of oribatid mites (**Acari, Oribatei** 090864

ORIBATIDAE
species & a new subspecies of **oribatid mites** 090864

ORIENTATION
Bee orientation in polarized light. [Apis mel- 091193
teachers key to better **career orientation** & 081901
Reprensentation of leaf **orientation data** by 087338
possibilities of a market **oriented enterprise** 085886

ORIFICE
of material from natural **body orifices.** [Dogs 085017

ORIGANUM
of Crete--then & now. [**Origanum dictamnus** 086299

ORNAMENTAL
Coconut as an **ornamental.** [Cocos nucifera] 088674
Guide to needled evergreens. [**Ornamentals**] 088752
Perennial **ornamental grasses** for outdoors. 088669
A technique for **growing ornamental** woody 088937
control weeds, regulate **ornamental growth.** 088046
rings in **ornamentals**--more than a **harmless** 089172
Hesse. [Fruits, vegetables, **ornamental plants,** 082217
on growth & flowering in **ornamental plants** 087927
Propagation of **ornamental plants** under mist 088199
Hesse. [Fruits, vegetables, **ornamental plants,** 088616
Pseudococcidae on **ornamental plants.** 090011
of young trees. [**Ornamental plants**]. 088595
Weed control in **ornamentals, western** Wash- 089740
of container-grown **woody ornamentals** to sl- 088061
of container-grown **woody ornamentals** to sl- 091902

ORNITHODOROS
Autogeny in soft ticks of **genus Ornithodoros** 090260
their inactivation in **Ornithodoros moubata** 090294

ORNITHOGALUM
two related species of **Ornithogalum** L. 086698
some representatives of **group Ornithogalum** 086699
Meiosis in **Ornithogalum virens** (Liliaceae). 086970

ORNITHOSIS
Ornithosis of **pigeons** & its transmission to 085517

OROBANCHACEAE
curious summer flower. [**Orobanche crenata**] 088673
broadbean improvement. [**Orobanche spp.**]. 089714

ORTHOPEDICS
Orthopedics. Iv. 1. [Dogs]. 085622
*** 085624

ORTHOPTERA
locust, Schistocerca gregaria (**Orthoptera:** A- 090498
in Gryllus domesticus Latr. (**Orthoptera**). 090512
in Stethophyma grossum (**Orthoptera:**d Acr- 090515
Blanch. I. immature forms. **Orthoptera:** Pyr- 090786
Nemobiinae (**Orthoptera:** Gryllidae) of Can- 090929
Acridoidea in Danish museums (**Orthoptera**) 091012
Gunther, 1937 (**Orthoptera, Tetricidae**). 090873

ORYCTES
with virus Rhabdionvirus **oryctes against** co- 090038
Studies on **Rabdionvirus oryctes.** II. Effect 090036
rhinoceros beetle. [**Oryctes rhinoceros,** cont- 090026

ORYZA
SEE GRAMINEAE

ORYZAEPHILUS
Sensitivity of **Oryzaephilus surinamensis** to 090189

OSCILLATION
Oscillations of **triggered** luminescences of is- 088124

OSCILLOGRAPHY
residues by **oscillographic polarography.** 090398

OSMIA
SEE MEGACHILIDAE

OSMOSIS
Study of **colloid-osmotic** pressure (COP) of 084336
Effects of **external osmotic** pressure on resp- 087456
Improved reverse **osmosis permeation** by he- 083792
potentials. II. Role of **osmotic potential.** 087546
Mechanism of **osmotic regulation** of hydrola- 087682
temperature-sensitive & **osmotic-remedial.** 086839
of ultrafiltration & **reverse osmosis** to cane 083586
mays) crop under various **osmotic stressed** c- 087860

OSSIFICATION
calcification & **ossification** in a **goat** (Capra 085678
Spontaneous **metaplastic ossification** of peri- 085721

OSTEOSARCOMA
Ultrastructure of **sheep osteosarcoma.** 085656

OSTERTAGIA
of five anthelmintics **against Ostertagia** circ- 086108
in yarded cattle. [**Cooperia, Ostertagia,** & T- 085570
in calves. [**Ostertagia, Trichostrongylus,** Co- 085341

OSTRINIA
in control of European corn **borer, Ostrinia** 089859

OULEMA
aluminum phosphide. [**Oulema melanopus,** c- 090351

OUTBREAK
Report about an **outbreak** of **contagious** pus- 085590
On **outbreak** & **eradication** of cases of anthr- 085452
within an **outbreak** of **lodgepole** needle min- 090167
A new **outbreak** of **potato** virus Y on tobacco 089392
An unusual brown **rot outbreak** in a Florida 089206
Microbiology--**waterborne outbreaks.** [Disea- 092451

OVA
Transplantation methods of **fertilized ovum** 084878
to induce ovulation & to **obtain ova** in female 084808
Ova transplants require surgery. 085079

OVARIECTOMY
following **bilateral ovariectomy.** [Sheep]. 084349
pituitaries of **ovariectomized** & **intact** ewes 084136

OVARY
in conditions of **ovarian abnormalities.** 084966
of uterine vein & function of **adjacent ovary** 084270
modifications of utero-**ovarian anatomical** re- 084844
of dictyotene figures from **canine ovary.** 084258
Dyar, in relation to **ovarian condition.** 090827
Cystic ovarian disease in dairy cattle. 085712
Relationship between **ovarian cysts** & milk 084980
allatum control of **ovarian development** in 090706
L.) & their brood on **ovary development** of 091120
Cystic **ovarian disease** in dairy cattle. 085712
RNA metabolism in **ovaries** of **Drodophila** 090855
intercellular bridges in **ovarian follicles** of c- 090655
on reaction of sheep **ovaries following** intra- 084033
factor on pituitary & **ovarian function** in an- 084865
factor in spermatozoa **inhibiting ovarian** ma- 084793
activity in nurse cells of **insect ovary.** [Calli- 090594
of imaginal discs & **larval ovaries** in Droso- 090841
of imaginal discs & **larval ovaries** in Drosphi- 090842
spermatozoa inhibiting **ovarian maturation.** 084793
RNA in cecropia **moth ovaries:** sites of synt- 090593
Development of nucleolus of **ovarian nurse** c- 090599
Reactivity of **ovary** of **prepubertal** & sexually 084386
Effects of prolactin on **ovarian progestin** sec- 084298
Ovarian progestin secretion after enucleation 084299
of progesterone on reaction of **sheep ovaries** 084033
in pig: modifications of **utero-ovarian** anato- 084844
oxygen content of **ovarian venous** blood of s- 084252

OVEN
Construction of an **oven** for **drying** insects. 090444

OVERLOAD
SEE LOADING

OVICIDE
confusum: food additives as **ovicides.** [Stora- 090195
Ovicidal effect in white pine weevil, Pissodes 090107

OVIDUCT
estrogen on gene expression in **chick oviduct** 084791
estrogen on gene expression in **chick oviduct** 084792
Oviducts of **Egyptian** cow in health & disea- 084371
nervous system & **oviduct function** in rabbit. 084272
changes in **oviduct structure** in sows of diffe- 084361

OVINE
lipotropic hormone0LPH in **bovine, ovine** & 084163
lipofuscin pigmentation in **ovine livers:** a nc 084189
determination of **ovine plasmatic** FSH. 084023

OVIPOSITION
quality in relation to time of **oviposition.** 084308
beans: a comparison of two **oviposition cages** 090659
New investigations on **oviposition, economic** 089974
Molting & **oviposition** of **Neomesomermis** fl- 090503

OVIS
on prenatal infections with **Taenia ovis** in l- 085257

OVULATION
pigs. III. Experiments to **induce ovulation** 084808
Effect of **superovulation** on **litter** size of swi- 084836
of estrus & **ovulation** in **mare** with methalli- 084837
stimulization of **ovulation & posterity** devel- 084963
two levels of feeding on **ovulation rate** & fol- 084840
phosphorus in **superovulated Scottish** half-b- 084801
luteinizing hormone] surge & **ovulation time** 084847

OVULE
Development of **female ovule** of olive flower 086779

OWNERSHIP
Forest **owners attitude** toward trend in forest 085972
of wheat production on socially **owned farms** 082179
from point of view of Danish **forest owner.** 085883
In orchard, specially for "small **land owners**" 088884

OXALACETIC
Plasma **glutamic oxalacetic** transaminase as 085264

OXALATE
Use of **oxalate** for **Fe** [iron] extraction from 091559

OXALOACETATE
Genetic control of **flutamate oxaloacetate** tr- 086869
Glutamate oxaloacetate transaminase activi- 088127

OXEN
Musk oxen in north Canada. 084018

OXIDANTS
Determination of **antioxidants** in **lard.** 083450
among vitamin E, **selenium, antioxidants** & 084601
E & selenium on tissue **antioxidant status** of 084259
bioflavonoids & **synthetic antioxidants** in fo- 082803
vitamin E, & **antioxidants** on **testicular** func- 084800

OXIDASES
of water stress on indoleacetic **acid oxidase** 087843
of ripening & indole-3-acetic **acid oxidase** of 088085
on cytochrome-**oxidase anabolism.** 087367
aspects of determination of **copper-oxidase-** 085102
inhibition of mixed **function oxidase.** [Musca 090191
Phenol oxidase in blood cells of millipedes. 090689
Polyphenol oxidase & peroxidase activity in 089303

OXIDATION
Study of **oxidized acids** occuring in fats & oi- 083207
acetic acid during **aerobic oxidation** of sulfite 089542
of peroxidase as a lipid **oxidation catalyst.** 083131
Oxidation of **catechol** in plants. IV. Purifica- 087417
associated with use of **chlorinated oxidation** 092270
of tea fermentation: **oxidative degallation** & 083126
an alternative for aeration in **oxidation ditch** 092403
Phenol-**oxidizing enzymes** in heartwood of P- 088263
chromatography method for **oxidized esters** 083207
flour pentosans & their **oxidative gelation.** 083622
Characterization of **oxidized lignin** by pyrol- 086101
activation of peroxidase as a **lipid oxidation** 083131
with molecular oxygen & its **lower oxidation** 083464
Oxidation of **methionine** & cystine in foods 083151
Microbial oxidation of ammonium in a cont- 091533
Mild oxidation of starches with aqueous br- 083051
nutritive value of **oxidized oil.** 082845
of toxic compound in thermally **oxidized oil.** 082846
Phenol-oxidizing enzymes in heartwood of P- 088263
uncouplers of **oxidative phosphorylation.** 089759
Oxidation of **polyphenolic** substances of che- 083705
with use of chlorinated **oxidation pond** efflu- 092270
of some tocopherol **oxidation products** with 083230
on development of **oxidative rancidity** in iso- 082833
of plant mitochondria: **Oxidation-reduction** 087251
Oxidation--reduction potential of membrane 087279
Oxidation of **sodium** [U-14C]palmitate into 083298
copper & vitamin E on **oxidative stability** of 084582
oxygen & its lower **oxidation states** & with 083464
of toxic compound in **thermally oxidized** oil. 082846
VII. Reactions of some **tocopherol oxidation** 083230

OXIDE
A **chromic oxide** method for measuring cons- 090756
of polyvinyl alcohols by **oxides** & **clays** with 091594
during treatment with **ethylene oxide.** 083179
on N03[unstable **intermediate oxide** of nitro- 091554
added N03[unstable **intermediate oxide** of n- 091555

Ammonia, potassium **oxide, phosphoric** acid, 091913
of culture-media by **propylene oxide.** [Fungi- 089160
Comparative effects of **propylene oxide,** sod- 091739
Structure of **triterpenoid oxide** from Rhodo- 088009

OXYGEN
effects of **oxygen** & of **acetylene** on these pr- 091519
Chlorpyrifos, its **oxygen analogue,** & 3,5,6-tr- 090349
Potential **oxygen application** in pulp & paper 086254
a mechanism of **ascorbatestimulated oxygen** 087252
degradation of cellulose in **oxygen-bleaching** 086206
as affected by soil **oxygen concentrations.** 088023
temperatures on **oxygen consumption** in pig 084267
contents & **oxygen consumption** in hibernat- 089936
Observations on **oxygen consumption** of lar- 090481
contents & **oxygen consumption** in hibernat- 090753
ion concentration] & **oxygen content** of ovar- 084252
Feedback **controlling oxygen** production in 087273
Environmental regulation of **oxygen effect** on 087707
obtusiusculus Chod. By **oxygen electrode** me- 087295
of photosynthetic **oxygen evolution** by spina- 087968
Absence of **oxygen-evolving** capacity in dark 087474
of mercury in fish by **oxygen-flask** combusti- 082734
of derivatives of **oxygen heterocycles** contai- 090230
Studies on mechanism of **oxygen-induced** sy- 087367
of chemical demand of **oxygen** by **industrial** 092384
Diffusion of **oxygen** through **lenticels** in pot- 088185
hemoglobin with **molecular oxygen** & its lo- 083464
root cell. II. interaction of **oxygen** & **nitrate** 087694
tricyanopropene of **photosynthetic oxygen e-** 087968
Affinity for **oxygen** of **polyphenoloxidase** in 088226
Potential oxygen application in pulp & paper 086254
Feedback controlling **oxygen production** in 087273
of citrus trees as affected by **soil oxygen** co- 088023
of ascorbatestimulated **oxygen uptake** by iso- 087252

OXYGENASE
fluorometric assay for **tryptophan oxygenase** 087231

OXYGENATION
of donor circulation & **bubble oxygenation.** 085051

OXYTELINAE
spectabilis Kr. (**Staphylinidae Oxytelinae**). 090423

OXYTETRACYCLINE
Levels of **oxytetracycline** in **blood** serum of 084348

OXYTOCIN
by dose & time of injection of **oxytocin.** [C- 084226
Effect of **exogenic oxytocin** on first insemin- 084905
On problem of effect of **oxytocin** on **milk** se- 084179
Influence of large doses of **oxytocin** on **milk** 084239

OYSTERS
WT dye for toxicity to **oysters** & **fish.** 090354

OZONE
Ozone injury in potato variety trials. 089554
Effect of **ozone** on **leaf** cell membranes. [To- 089455
plant-water aspects of **ozone phytotoxicity** in 089555

PACHYTENE
study of maize **pachytene chromosomes.** 086793
mid synizesis (**probably pachytene.** [Corn] 087046

PACKAGING
Packaging aspects of irradiated flesh foods: 083148
Brining & **packaging** of **cheese.** 083252
Packaging of **dairy** industry products: 14th 082720
Diet, sex & vacuum **packaging effects** on po- 082799
by differentially permeable **packaging films** 083743
of suitability of **flexible packaging** materials 083137
of green tea by **flexible packaging** materials 083157
Packaging of **fluid** milk. 083287
Food packaging under focal point of a canni- 083056
Design for disposal in **food packaging.** 092349
marketing changes. [**Fruit packaging**]. 083580
Influence of **gas packaging** on growth of mo- 082847
materials for **packaging** of **irradiated** foods. 083137
in Canadian food **packaging materials.** 082699
of suitability of flexible **packaging materials** 083137
of green tea by flexible **packaging materials** 083157
Packaging milk & milk products. 083347
Nitrogen packaging of green tea by flexible 083157
sorption behaviour & **packaging** of **papads.** 083783
by differentially **permeable packaging** films 083743
organization of **packaging** & **polletizing** of l- 086218
Control of **ready packaging** by managament: 083070
Ready packaging: control scales in food ind- 083071
Studies on **packaging** & **storage** of wheat flo- 083609
"truly aseptic" **packaging system** developed. 083074
Diet, sex & **vacuum packaging** effects on po- 082799

PACKERS
tuberculosis is a problem to **Iowa packers.** [082788

PACKING
of microbes attached to a **packed column:** re- 091640
Blueberry harvesting & **packing costs**--mach- 082274
Maturing beef in stretch-**film wrapping.** 083426
Packing of **fruits.** 083738
of production. [Meat **packing industry**]. 083410
Packing pickles with recycled brine. 083694
heating of beef: Use of **plastic wrap.** 083433
home frozen & stored in **selected wraps.** 082750
Spoilage bacteria on bam boo **shoots packed** 082838
semi rigid or soft: **sterilizable packings** from 083069
changes of tea-sausage slices **vacuum packed** 083489

PADDOCK
Possibilities of **paddock pasturing** on heavier 084398

PADDY
Response of fertilizer on **paddy.** 088452
of high yielding variety of **paddy.** [Rice]. 082119
Village community & **paddy agriculture** in s- 081926
Economics of I. R. 8 **paddy--a case** study. [088448
a-vis fertilisation of **paddy** & its **economics.** 089479
resource use relationship of **paddy farms** in 082097
hexachloride, rice] in soil of **paddy field.** 090394
Indian **paddy field** Odonata taken by Miss I 091000
Paddy field Odonata taken at Bangkhen, B- 091007
by aerial photograph: a case of **paddy field** a- 092225
substitute lots in grouping of **paddy-fields.** 082066
sturcture of plowed layer at **paddy fields** in 088438
improvement of poldered **paddy fields** in Ko- 091445
sturcture of plowed layer at **paddy fields** in 091655
improvement of poldered **paddy fields** in Ko- 091683
improvement of poldered **paddy fields** in Ko- 091685
its controlling methods in **paddy fields** of w- 092162
into drainage in Japanese **paddy fields** with 092188
Indian paddy field Odonata taken by Miss I 091000
into drainage in **Japanese paddy** fields with 092188
for a continuous system of **paddy parboiling** 083600
on subsoil improvement of **poldered paddy** f- 091445
on subsoil improvement of **poldered paddy** f- 091683
on subsoil improvement of **poldered paddy** f- 091685
Paddy rice ripening & temperature. 087787
A study on control system of **paddy-rice-gr-** 087900
limit of poultry manure for **paddy rice.** 091792
pesticide residues in rice straw, **paddy soil** 090386
rice, polished rice, straw & **paddy soil.** 090387
in rice grains, straw s & **paddy soils.** 089280
pesticide residues in rice **straw, paddy** soil 090386
in some high yielding **paddy varieties.** [Sch- 089893
Which **paddy variety** to transplant when. [R- 088490
Dominant species of **paddy weeds** & their c- 089679
dosages in some high **yielding paddy** varieti- 089893

PAECILOMYCES
dictyosome. [**Paecilomyces berlinensis**]. 087187
Bemisia tabaci, **Paecilomyces farinosus**]. 089388

PAEONIA
Remarkable new race: peonies. [**Paeonia**]. 088574

PAINTING
Control **painted bug** for more yield of crucif- 090075

PAINTS
Varnishes & fire **inhibiting paints** for protec- 086164

PAIRING
synthesis in relation to **chromosome pairing** 086770
microscope studies of **chromosome pairing** in 090515
Chromosome pairing in oogonial cells of Dr- 090623
in Coprinus. II. **Chromosome pairing** & lam- 090626
of distributively **paired chromosomes** in Dro- 090740
formation of isochromosomes of **second pair** 090825

PAIRS
composite populations & **pairs** of **composites** 087134

PALAEARCTIC
SEE ARCTIC

PALATABILITY
SEE TASTE

PALEARCTIC
Revision of western **Palearctic species** of ge- 086500

PALEOBOTANY
overevolution. [**Paleobotany, plant** evolution 086324

PALM
preparation of samples in **arecanut palm.** [A- 088106
Oil **palm bunch** incinerator: Utilisation of a- 083194
Pests & diseases of oil & **coconut palm:** Par- 089937
Rhabdionvirus oryctes against **coconut palm** 090038
of kernel & endocarp of fruit of **Doum palm** 088007
Structure of mannans of **palm Erythea** edulis 088135
Vegetable fat products based on **palm oil.** 083193
Cultivation of **oil palm** in Ceylon. 088972
borne pathogen. [Vascular wilt, **oil palms**]. 089017
translocation of boron in **oil palm.** III. Leaf 091846

PALMAE
incinerator: Utilisation of ashes. [**Palmae**]. 083194

PALMETTO
of protection of **palmetto gardens** from pests 089563

PALMITATE
of sodium [U-14C]**palmitate** into **carbonyl** c- 083298

PALYNOLOGY
Gunnar) Erdtman (1897-1973). [**Palynology** 086563
Palynological evidence for late glacial occur- 086569

PAMOATE
Effects of **pyrantel pamoate** & tetrachloreth- 084070

PAMPHAGIDAE
Glauia & Acinipe (Acridoidea: **Pamphagidae** 090745

PANAX
physiological action of **Panax ginseng** roots 088187

PANCREAS
with inhibited enzymatic activity of **pancreas.** 085715
Studies on **bovine pancreatic** ribonuclease A 084053
Arteries of **pancreas** of **dog;** an injectioncor- 084043
of calves. collection of **exocrine pancreatic** s- 084104
digestibility of casein & **pancreatic juice** pro- 084660
content in triglycerides by **pancreatic lipase.** 082876
model substances on use of **pancreas lipase** 083073
triglycerides by means of **pancreatic lipase** 083185
Relative importance of **pancreatic lipase** & 084072
in islets of Langerhans in **pancreas** of **pig.** 084025
with co-lipase activity from **porcine pancreas.** 084094

PANCREATITIS
Acute pancreatitis with coexistent diabetes 085633

PANICLE
topdressing for more **panicles** & **spikelets.** [r- 091908

PANICUM
Panicum colonizes West **Africa, Panicum** la- 088421
of blue panicgrass (**Panicum antidotale** Retz 086717
in breeding proso. [**Panicum miliaccum**]. 086943
in Indian collection of **Panicum miliare.** 086712
of nitrogen on growth of **Panicum** in **sandy** 091907

PANONYCHUS
in summer orange grove. [**Panonychus citri**] 090054
of red spider: **Panonychus ulmi** Koch (Acari- 089997
potentillae (Garman) on **Panonychus ulmi** (090019
of aphids of fr uit trees. [**Panonychus ulmi**] 090052

PANTOTHENIC
Cholesterol, **pantothenic acid,** pyridoxine & 091155

PAPAIN
Preparation of fully **active papain** from dried 083712

PAPAYAS
set in transplanted seedlings of **papaya.** 088188
new vector of bunchy top disease of **papaya** 089384
stem & fruit disease of **papaya** in **Barbados** 089208
leaf curl viruses of **papaya** & their **control.** 089398
of fully active papain from **dried papaya** lat- 083712
Grow papaya in kitchen garden. 088879
of off-odors & off-flavors in **papaya puree.** 083773
A study of identification of **papaya seeds** in 083785

PAPER
of gabasse & wheat straw pulping for **paper** 083096
rations containing various levels of **paper.** 084721
Discussion of **paper:** effect of length scale in 091383
Paper & **allied** products. [Water pollution]. 092445
Concerning paper grade value of hornbeam 086125
Tissue culture in pulp & **paper industry.** 086099
Fiber raw material for **paper industry:** pros- 086114
burden by pulp & **paper industry.** 086209
Some aspects of pulp & **paper industry** in s- 086238
technical needs & trends of **paper industry:** 086253
application in pulp & **paper industry.** 086254
technical needs & trends of **paper industry:** 086257
Air pollution in pulp & **paper industry.** 092305
burden by pulp & **paper industry.** 092417
for printing & writing **paper manufacture.** 086215
on rooting characteristics from **paper-pot** in 088431
controlling black leg attached to **paper-pot** 089116
of rhizomania in soil prepared for **paper-pot** 089121
phosphate & superphosphate in **paper-pot** ra- 091922
pulping conditions & **paper properties.** 086233
Utilization of **paper pulp** obtained from fibr- 086112
method for effluents of **paper** & **pulp** indust- 086208
Waste **paper--raw** material with environmen- 092412

PAPILIO
Lectotype fixations for **Papilio midamus** Li- 090915

PAPILIONACEAE
beans (Phaseolus vulgaris L., **Papilionaceae**) 089249

PAPRIKA
lay out & concentration of **spice paprika** in 083693
Market analysis for **vegetable paprika.** 082414

PARAINFLUENZA
SEE INFLUENZA

PARALYSIS
OHD3) i. Treatment for **parturient paresis.** 084856
in prevention of **paturient paresis.** [Cows]. 084857
disc disease with **severe paresis** or paraplegia 085012

PARAMETRY
Nuclear cycle: a **parameter** for **selection?** [087052

PARAMYELOIS
almonds. [**Paramyelois transitella,** control, 090000

PARAOXON
Histochemical fate of **paraoxon** in **cockroach** 090188

PARAPLEGIA
disease with severe paresis or **paraplegia.** [085012

PARAQUAT
in microbial populations in **paraquat-treated** 089754

PARASITES
your cattle from bloody protozoa. [**Parasites**] 085348
of feces for detection of **parasites.** 085591
by Phytophthora nicotianae var. **parasitica** 089178
crucivora boisduval & their **parasitic activity** 090041
crucivora boisduval & their **parasitic activity** 090042
sp. n., a **parasite** of West **African** forest carn- 090264
sp. n., a **parasite** of West **African** forest carn- 090981
sp. n., a **parasite** of West **African** forest carn- 090982
Parasitism by **Aphytis** chrysomphali Mercet 090468
role of **parasite** in some **arthropod** galls. [A- 089817
Acyrthosiphon pisum, & **associated parasites** 089978
of most important infectious & **blood-parasi-e** 085463
of seasonal development in **parasites** of **blow** 089794
of seasonal development in **parasites** of **blow** 089795
of seasonal development in **parasites** of **blow** 089797
of seasonal development in **parasites** of **blow** 089798
of seasonal development in **parasites** of **blow** 090608
of seasonal development in **parasites** of **blow** 090609
of seasonal development in **parasites** of **blow** 090617
of seasonal development in **parasites** of **blow** 090618
Leucocytozoidae), a **parasite** of **Brazilian** li- 090419
Mucor pusillus, Endothia **parasitica, Cheese** 083310
Role of **parasites** in **control** of European co- 089859
Controlling parasitism in goats through ma- 085285
Parasitic cycle of Boophilus decoloratus (K- 090554
Helminthology; **parasitic deseases** of cattle. 085533
data of some infections & **parasitic diseases** 085344
infectious & blood-**parasite diseases** of livest- 085463
Bovine tuberculosis, **parasitic diseases].** 085513
Diptera: Tachinidae), a **parasite** of **eastern** 090105
Rennin, Mucor pusillus, **Endothia parasitica** 083310
II. Regulating factors, **especially parasites.** 090171
External parasites of woodchuck, Marmota 090232
Control of cattle gadfly & **external parasites** 090267
et Borisov--a most serious **fungal parasite** of 089019
Study of **parasitic fungi** & their host plants. 086585
Epidemiology of **parasitic gastro-**enteritis of 085333
in entomological studies on **parasite-host** sy- 090112
Host-parasite (food) relations in family Enc- 090612
phases of **parasitic Hymenoptera** of family 090613
melanization of some **insect parasites.** [Pests 089787
Identification of **insect parasitic** nematodes: 089788
phenotate) for control of **parasitic insects** of 082850
of Department for **Parasitology, Institute** for 085159
Parasitic invasions of alimentary tract of br- 085429
Thelihania sp., a **parasite** of **larvae** of Aedes 090764
in protozoology. [**Livestock, parasites].** 085439
information on control of **major parasites** of 090095
Leger, 1909) **parasite** of **Malpighan** tubes in 090455
Nickle, 1972, a **merimithid parasite** of black 090503
discovery of **parasites** in **monkeys** in Italy i- 090302
casebearer, & notes on **native parasitism** & 090166
A root lesion **nematode parasitic** to cotton in 089466
Effect of two plant-**parasitic nematodes** on 089197
Plant **parasitic nematodes** (Tylenchida) from 089453
Effect of two plant-**parasitic nematodes** on 089545
as hosts of plant-**parasitic nematodes** in Geo- 089547
chitin on plant-**parasitic nematodes** & some 089550
Identification of insect **parasitic nematodes:** 089788
Cuscuta a **parasite** on **niger.** [Ethiopian nige- 089669
research of eggs of **parasites** in **pig** faeces. 085222
Seynes) von Hohn, a **parasite** of **pineapple.** 089145
Effect of two **plant-parasitic** nematodes on 089197
Plant parasitic nematodes (Tylenchida) from 089453
Effect of two **plant-parasitic** nematodes on 089545
Nutsedges as hosts of **plant-parasitic** nemat- 089547
fiber wastes, & chitin on **plant-parasitic** ne- 089550
Studies on **pupal parasites** of common cabb- 090041
Studies on **pupal parasites** of common cabb- 090042
practice in host: **parasite relations.** [Plants, 089045
Parasites of Sesamia inferens Walker at sug- 089935
experimental grass-pots. [**Sheep, parasites]** 085353
Parasitic soil microorganisms. 091532
On formation of **parasitic specificity** in some 090611
On relationship between **parasitic stage** of s- 089122
Kingdom. [Bovine **tuberculosis, parasitic** dis- 085513
Parasites of **Unaspis** yanonensis in Japan (090055

PARASITOIDEA
analogue on a **parasitoid, Apanteles** rubecula 090027
interactions of insect **pest-parasitoid** & snail 089478

PARATHION
Degradation of **parathion** in **flooded** acid soi- 089806
Parathion residues in tomato plants grown in 090320

PARATYLENCHUS
SEE TYLENCHIDAE

PARDOSA
in species: Xysticus **cambridgei, Pardosa** lug- 090854

PARENCHYMA
cells of mesophyll & **parenchymatous bundle** 086725
bodies in phloem **parenchyma cells** of aster 089375

PARENT
barley starch with starches of its **parents.** 083551
Parental calls & approach behavior of young 084118
conservation of **parental cytoplasmic** DNA 086764
in progeny from vaccinated **parental flocks.** 085201
cinerea Type Arnold as **parent** on **growth** & 087096
ig) mutation: influence of **pollen parent** on 087055
of boll size in hybrids & **parental varieties** of 087172

PARENTERAL
iI. Efficacy of **parenteral administration** in 084857
after oral & **parenteral application.** 082945
protective effect of oral or **parenteral iron.** 085691

PARESIS
SEE PARALYSIS

PARKERIACEAE
Spores of **Ceratopteris thalictroides,** with n- 086607

PARKS
Nature **park Diemelsee**--an example? 092407
Tank Mountains Regional **Park, Maricopa** 086356
vegetation in Arusha **National Park,** Tanzan- 085904
Grytdalen **National Park.** 085954
in Malaysia. VII. Seven--**national parks** & 085956
vegetation in Arusha **National Park,** Tanzan- 086651
associations of Great Poland **National Park** 086687
Aust. in Serengeti **National Park,** Tanzania 090222
spruce bog in Bird's Hill **Provincial Park.** 086637
hummingbirds: genera **Syntomodectes Park** 090241

PARMELIA
on some members of **Parmelia section** Mela- 086416

PARMELIACEAE
of cortex in lichen **family Parmeliaceae** vie- 086826
Cetraria inermis (Nyl.) Krog, a new lichen 086414

PARSLEY
in cell suspension cultures from **parsley.** 087971
from cell suspension cultures of **parsley.** 087975

PARTHENOCARPY
induction of **parthenocarpy** in **maize.** 087795

PARTHENOGENESIS
Facultative apomixis & polyploidy in Matte- 086853
bisexual & **parthenogenetic Haemaphysalis** 090517
in bisexual non-**parthenogenetic mite** Calogi- 090607
bisexual & **parthenogenetic reproduction.** 090265

PARTICLES
Viruslike **particles associated** with a disease 089381
note on viruslike **particles associated** with 089385
of polyacrylamide on **clay particles.** 091595
degradation by **conductometric particle** coun- 086132
Mitochondrial **element particle** in heat-prod- 087459
of virus-free defective T **particles** to **protect** 085468
Measurement of **seasalt particles** in a oak s- 088267
separated according to **particle size** by sievi- 083548
on surface films from **soil particles** with aid 091505
organic polymers & inorganic **soil particles.** 091593
maize rough dwarf virus **subviral particles.** 089330
in foot-and-mouth disease **virus particles.** 085395
Demonstration of **virus particles** in hop in p- 089407
III. Studies on location on **virus particles** for 089413
Particle weights of active ribosomal subunits 087280

PARTICULATE
Particulate emissions of a cotton gin in Tex- 092434
glucose & **particulate enzyme** of oat coleopti- 087844
properties of **particulate forms.** [Peas]. 088160
isozymes in soluble & **particulate pools.** 089514
polymer, cutin, by a **particulate preparation** 087679

PARTITION
Fractional partition of amylolytic & proteol- 083010
esters in barley, using **partition** & this **layer** 082689
their esters in barley, using **partition** & **thin** 082690

PARTRIDGES
Study of Hungarian **partridge adaptability.** 084123
breeding of **Hungarian partridge.** 084804

PARTURITION
SEE BIRTH

PASSALIDAE
passalus beetle (Coleoptera: **Passalidae**). [P- 090565

PASTE
varieties intended for production of **pastes.** 083576
Use of **Chlorella paste** as a vitamin supplem- 084538
Study of **pastes drying** at "Dunareana" fact- 083102
on "Browning" of miso. **[Food pastes].** 083211
prospects for a tomato **paste industry.** 082653
Protein-**vitamin paste** made from Chlorella 084537

PASTEURELLA
study of **Pasteurella haemolytica** in calves. 085293
Pasteurella haemolytica as a bacterium com- 085433
Studies on **Pasteurella multocida.** I. Efficacy 085276
in sheep & goats . **[Pasteurella multocida].** 085351
of O-antigens of **Pasteurella multocida.** [Vet- 085458
Finding of **Pasteurella pseudotuberculosis** in 085538

PASTEURELLOSIS
for control of **pasteurellosis** in **sheep** & goats 085351

PASTEURIZATION
Quality of **pasteurized milk** & milk products 082864
producing bacteria in **pasteurized milk.** 1. A 083372
detection of coliforms in **pasteurized milk.** 083386
of colimetry of **pasteurized milks** preserved 083370
bacteria population in **pasteurization process.** 083451
Time for **pasteurization** of **wine** in bottles. 083766

PASTURES
ewes are exclusively fed on **pasture.** 084612
Feed supplements for goats on **pasture.** 084628
for young cows on **pastures.** 084702
horses for better utilization of **pastures.** 084937
on uptake of mineral nutrients in **pasture.** 087808
Pastures: not as good as they were? 088365
A study of dung patch reduction of **pasture.** 088496
Controlling flies on **pasture.** [callee]. 090279
on uptake of mineral nutrients in **pasture.** 091953
rate of nitrogen may be safe for **pastures.** 091955
of intensive fertilizer use on **pastures.** 091956
concerning bull fattening on **pasture.** 084704
management, Rumex control on **pastures.** 089725
calendula) & some **annual pasture** species. [087676
density on growth of some **annual pasture** s- 089611
Weeds & **pasture community.** 089696
relation to moisture with **cultivated pastures** 088530
Trace elements in **pasture** & their **effects** on 085710
yield from a newly **established pasture** in d- 088331
Pasture establishment by surface sowing in 088470
Research findings in **pasture establishment** 091952
in intensive hay **pasture establishments.** 084513
Yield capacity of **pastures** & **feed** quality in 084731
Control of weeds in high **fertility pastures.** 089697
of cultivated, irrigated, **fertilized pastures.** 084377
on entry of sulphur into **pastures grazed** by 084224
feeding dairy cattle in intensive **hay pasture** 084513
of Lutana cicer milkvetch for **hay, pasture,** 088460
cattle on dry season **improved pasture** at A- 084439
of untraditional way. **[Pastures, irrigation].** 092076
Artemisia diffusa in **pastures** in **Karnabchul** 087211
Duchy of Luxembourg, **[Pastures, meadows]** 086625
permanent & new **pastures** under **Norwegian** 085192
corbie in Tasmania. **[Oncopera, pasture** pests 089854
Can one know value of **permanent pastures** 088486
in Tasmania. [Oncopera, **pasture pests].** 089854
Pasture programs for replacement beef heifer 083969
Response of a **pasture** to **removal** of docks 089753
to knowledge of **Sardinian pasture.** 1. Variat- 084406
Lutana cicer milkvetch for hay, **pasture, seed,** 088460
regrowths of six Tasmanian **pasture species** 084442
carbohydrate contents of **pasture species** & 084443
calendula) & some annual **pasture species.** [087676
nutritive value of **summer pastures.** 084406
molybdenum in **swayback pastures.** 087774
on regrowths of six **Tasmanian pasture** spec- 084442
of steers grazing three **pasture types** under 084476
New **pasture varieties.** [Forage plants]. 088320

PATCH
A study of **dung patch** reduction of pasture. 088496

PATHOGENESIS
model & experiments on **pathogenesis.** [Sal- 085234
in swine. VI. **Pathogenesis.** 085499
myopathy in pig--studies on its **pathogenesis** 085764
Pathogenic activity of double infection by g- 089850
on development & **pathogenicity** of **challenge** 085301
Pathogenicity & **control** of Fusarium oxyspo- 089205
Pathogenic effects of Schistosoma bovis & S- 085189
aetiology & **pathogenesis** of **endocardiosis** & 085669
Pathogenicity of **fungi** & bacteria from india 089658
of insecticides on some soil **pathogenic fungi** 089803
A symposium on **pathogenic fungus** Armillar- 089030
features of **pathogenesis** & **immunogenesis** of 085463
rays on **pathogenic microorganisms** Bacteri- 085589
Soil, plants & **pathogenic microorganisms.** 089433

significance of non-**pathogenic mycobacteria** 085454
foot region by **pathogenic** & **nonpathogenic** 089201
growth & **pathogenicity** of **Paratylenchus** sp. 089527
morphology, **physiology, pathogenicity** & in 089166
of potentially **pathogenic Phytophthora** & 088997
Pathogenic properties, occurrence of capsul- 085482
sugar beets. I. **Pathogenicity** of **Rhizoctonia** 089118
Pathogenicity of **Rhizoctonia** solani to aquat- 089187
of low molecular weight **pathogenic RNA** [r- 089418
inoculated with **pathogenic** & **saprophytic** p- 089328
studies on Pythium as **pathogenic soil** fungi. 089165
of insecticides on some **soil pathogenic** fungi 089803
Pathogenic variation in isolates of Phytoph- 089014
of mitochondria during **viral pathogenesis** of 087747
of low molecular **weight pathogenic** RNA [r- 089418

PATHOGENS

of materials between host & **pathogen.** [Corn 089188
specialization & **pathogen aggressiveness** in 089189
relations of food-borne **bacterial pathogens;** 082824
detection of **bacterial pathogens** & their occ- 092452
Lipase production by rice **blast pathogen.** [089037
f. sp. Elaeidis as a seed-**borne pathogen.** [Va- 089017
blotch of rice plant & its **causal pathogen,** 089254
of Dutch Elm **Disease pathogen,** Ceratocystis 090155
New concept of SPF [specific **pathogen free** 091275
Pathogen mixtures to control insect pests. 089992
bullata as a **pathogen** of **Sarcophaga** aldrichi 090138

PATHOLOGY

Pathological anatomy of conifer needle necr- 086743
their significance in **pathology** of **animals.** 085699
Research in field of **bee pathology.** [Apis me- 090737
Studies on **pathology** of **blindness** on exper- 085566
Pathology of **Centrocestus** formosanus (Nish- 085357
Hematological & **pathological changes** in ac- 085069
Pathological changes & bacteriological exam- 085412
Clinical pathology in avian species. 085146
Studies on **pathology** of **combined** melanic 084189
Some uncommon **pathological conditions** of 085683
Studies on **pathology** of **female** reproductive 085364
in field of studying **infectious pathology** of 085447
Results of research in **livestock pathology.** 085442
of physiology & **pathological physiology,** 19 085113
Pathological physiology of intensive milk c- 085761
Plant pathology in Malawi. 089560
Pathology of **veterinarians** occasioned by ge- 085495
processing system in **veterinary pathology.** 085073
of newborn hamster. [**Veterinary pathology**] 085650
Pathology of **white** muscle disease in young 085743

PATHOPHYSIOLOGY

of **pathophysiological** action of **Neguvon** in 085775

PATHWAYS

Studies on **aromatic pathway** & alkaloid fo- 087264
Path-coefficient analysis of some characters 088408
deterioration of some Scottish **hill paths.** 092036
on establishment of **instructive paths.** [Natu- 092414
Pathways of **realization** of herbicide action 089635

PATTERNS

Light **absorption patterns** of intact Rosa flo- 088148
Plasma amino **acid patterns** in sheep receivi- 084073
A **pattern** of **agricultural** change in Ethiopia 082030
diets differing in level & **pattern** of **amino** a- 082908
Pattern of **anthocyanin** pigment in Indian c- 086712
Pattern of **blood** plasma & urine magnesium 084192
Patterns of **Carabus** arcensis Hbst. distribut- 090410
Chromatogram pattern of tea catechins on 083161
Confirmation of a **clinal pattern** of chemical 088293
poultry & wild game **consumption patterns** 082461
of irrigation water on **cropping patterns,** inc- 082211
Cropping patterns during & after reclamati- 088406
of irrigation water on **cropping patterns,** inc- 092092
Regional **development patterns** in Nagano P- 081977
Nucleation phase & **energy pattern.** [Sugarb- 083687
Cyclic **flowering patterns** in flax as influenc- 087355
Pattern formation in imaginal discs of Dros- 090531
Effect of inoculation on **pattern** of **free** ami- 088071
Pattern of **free** water evaporation at Pesha- 092234
Patterns of **genetic** mosaicism in antennae 090533
Studies on **growth pattern** & improvement of 088092
water on cropping **patterns, income,** & outp- 082211
activity & **isoenzyme patterns** in bovine fetus 084098
Isoperoxidase pattern & internode length g- 088130
Isozyme pattern of catalases in developing 087084
evaluation of **metabolic patterns** in bovine fo- 084756
on **patterns** of **ninhydrinreactive** substances 083229
of blow flies. III. **Patterns** of **photoperiodic** 089794
of blow flies. IV. **Patterns** of **photoperiodic** 089795
of blow flies. III. **Patterns** of **photoperiodic** 090608
of blow flies. IV. **Patterns** of **photoperiodic** 090609
Production patterns. [Farm management]. 082135
phaseolus vulgaris. IV. **Patterns** of **protein** s- 088164
Metamorphosis of **protein pattern** of haemo- 090843
inhibiting antibiotics on **puffing pattern** of 090511
for coffee. I. Studies on **rainfall pattern** & s- 088963
cell & description of a new **regular pattern** 090715
Drosophila. VII. DNA **replication patterns** 090508
Geotropic **response patterns** of Avena Coleo- 087705
Geotropic **response patterns** of avena coleop- 087706
Future **sales pattern** & production requirem- 082395
Seasonal patterns of Fusarium [solani] root 089066
Changes in milk protein **separation pattern** 084585
Spatial pattern of fungal species from an oak 086680
Regeneration & **spatial patterns** of Acacia a- 087907
Development of **spatial patterns** in integum- 090585
A preliminary study of **spatial patterns** in a- 091643
Studies on relation of **taste pattern** of green 083159
World beef **trade patterns.** 082384
A new **trading pattern** will be established. [082317
II. Different amino acid **transport pattern** in 084365
XXI. New accessory **tubule patterns** in spe- 090717

PEACHES

market & where to go in 1973. [**Peaches**]. 082453
research & promotion plan for **peaches.** 082637
changes during ripening & storage of **peach** 088196
research & promotion plan for **peaches.** 088874
Dept of Agriculture] research. [**Peaches**]. 088876
an aid to mechanical harvesting of **peaches:** 088902
Blight of **peaches** in H.P. [Himachal Prade- 089071
harvesting & handling of **peaches.** 091452
Trickle irrigation, its potential for **peaches.** 092239
for freezing. II. Pretreatments of **peaches.** 083748
Cultural factors **affecting peach** quality. 088875
Protection of **peaches against** damage from 090051
Study of iron deficiency in **peach, almond** tr- 087994
Insecticide resistance in green **peach aphid** 090096
on fruiting of fruit trees. 2. [**Apple, peach,** p- 087925
culture of deciduous fruits. [**Apple, peach,** g- 088796
Xylem dysfunction in **peach caused** by Cyto- 089186
Meliodogyne incognita on **peach** by **chemical** 089551
Virus diseases in stone fruits. [**Peach, cherry** 089349
What is in future for National **Peach Council.** 081994
Recent trends in **peach culture.** 088795
Trends in control of **peach diseases.** [Hytos- 089242
isolated from soft & firm **fleshed peach** vari- 088086
of deciduous fruits. [Apple, **peach, grape**]. 088796
Insecticide resistance in **green peach** aphid 090096
rhizopus rots of **peaches** during **growing** & 089151
peach, almond tree & almond x **peach hybrid** 087994
Peach industry of West Virginia. 088872
What is new in control of **peach insects.** 090073
How chain stores buy & **market peaches.** 082452
Quality of fresh **market peaches** subjected to 082671
What is in future for **National Peach** Council 081994
Peach, nectarine & plum varieties. 088684
fungicide treatments of **nectarines, peaches,** 083846
of trees & fertilizers in t he **peach orchard.** 088904
fruiting of fruit trees. 2. [Apple, **peach, pear** 087925
on fruit trees. [Citr us, **peach, pear**]. 088100
Cultural factors affecting **peach quality.** 088875
evaluation of blueberry & **peach seedlings.** 086938
Quality of fresh market **peaches subjected** to 082671
Varietal behavior of **peach tree** to bacterial 089295
Sclerotinia cinerea in cherry & **peach trees** 089126
diseases & what they mean to **peach trees** & 089397
What is cause of death of young **peach trees** 089559
from soft & firm fleshed **peach varieties.** 088086
iron displacement in **young peach** & almond 087993
What is cause of death of **young peach** trees 089559

PEAKS

machine & tractor fleet during **work peaks.** 082169

PEANUTS

Genome relationships in Arachis. [**Peanuts**] 087114
in Arachis hypogaea cultivars. [**Peanuts**]. 087829
hyprogaea in relation to soil types. [**Peanuts**] 089075
white mold & beggarweed in **peanuts.** [Des- 089494
hyprogaea in relation to soil types. [**Peanuts**] 091636
enzymes from dormant **peanuts, Arachis** hy- 087712
aflatoxin detection in peanuts, **peanut butter** 082789
of almonds, filberts, **cashews, peanuts** & pas- 083765
in almonds, hazel-nuts, **peanuts, copra,** nuts, 090311
on proteins & enzymes from **dormant peanu-s,** 087712
arginine in **peanuts** as a means to **evaluate** 083595
sugars & sugar derivatives from **intact peanut** 087838
Control of **peanut leaf** rust alone or in comb- 089184
Aerobiology of two **peanut leafspot** fungi. [089190
in peanuts, peanut butter, **peanut meal,** & o- 082789
Rapeseed meal & **peanut meal** as complemen- 084506
of a mild mottle strain of **peanut mottle** vir- 089379
residues in almonds, hazel-**nuts, peanuts,** co- 090311
acid composition & stability of **peanut oil.** [083774
for aflatoxin detection in **peanuts, peanut** bu- 082789
theses & dissertations on **peanuts** & **peanut** 088398
for aflatoxin detection in **peanuts, peanut** bu- 082789
electrophoretic analysis of **peanut proteins** 082951
electrophoretic analysis of **peanut proteins** 082952
dissertations on peanuts & **peanut related** re- 088398
sugar derivatives from intact **peanut roots** u- 087838
soil under barley & **peanut** in a two **years'** r- 091779

PEARL

sp.Nov., a downy mildew of **pearl millet** in 086407
of nitroso methyl urea in **pearl millet.** 086915
sp.Nov., a downy mildew of **pearl millet** in 089016

PEARLMILLET

seed rates & depths of sowing. [**Pearlmillet**] 088309
Present status of hybrid bajra. [**Pearlmillet**] 088495
hosts in India. [**Pearlmillet, Arundinella** ne- 089092

PEARS

conditions for storage of apples & **pears.** 083729
Industrial processing of **pears.** 083752
of cotyledons of Pisum sativum L. [**Pear**]. 087973
on development of root system of **pears.** 088202
for control of storage decay of **pears.** [Penic- 089064
in control of Alternaria kikuchiana in **pear.** 089127
fertilizer suggestions for apple & **pear.** 091960
respiration of "d"Anjou" **pears affected** with 089496
nitrogen dressing of fruit crops **(apple, pear)** 092003
Conditions of storage. [**Apples, pears**]. 083719
Orchard & climatic factors. [**Apples, pears**] 088012
techniques in fruit culture, [**Apples, pears,** f- 088645
Fungal disorders. [**Apples, pears**]. 089033
Physiological disorders. [**Apples, pears**]. 089465
timing of spray application. [**Apples, pears,** 090022
techniques in fruit culture, [**Apples, pears,** f- 091882
for size measurement of **Bartlett pears** for c- 082710
atmosphere storage of **'Bartlett' pears.** 083701
guide for size-thinning **Bartlett pears.** 088862
spray application. [Apples, **pears, biological** 090022
trials on apples & **pears** in **Britain.** 088117
of stem pitting of **pear** & **cherry** to apple in- 089334
on pollination deficiencies of **Comice pear.** 088118
in fruit culture, [Apples, **pears, fertilizers**]. 088645
Experience in **growing pear**-trees in form of 088935
Handling pears for export. 082396
in styles of william's **pear** with a **note** on po- 088118
fruiting of fruit trees. 2. [Apple, **peach, pear** 087925
on fruit trees. [Citr us, **peach, pear**]. 088100
for size measurement of **Bartlett pears** for c- 082710
atmosphere storage of **'Bartlett' pears.** 083701
guide for size-thinning **Bartlett pears.** 088862
Rootstocks for **pears selected** by Professor 088649
on apples & **pears** during **storage** & ripening 083710
Biology of apple & **pear storage.** 083718
thinning & guide for size-**thinning Bartlett** 088862
Top pear varieties can be grown in plains. 088777
Experience in growing **pear-trees** in form of 088935
Clapp Kedveltje" & "Vilmos" **pear-varieties** 088104
Top **pear varieties** can be grown in plains. 088777
systemic nature, & spread of **pear vein** yell- 089391

PEAS

Peas (Pisum) as feed for bacon pigs; dehull- 084479
root meristems of Pisum sativum. [**Peas**]. 086708
in pod membrane of Pisum sativum L. [**Peas**] 086720
on genotypes lf E Sn hr & lf e Sn hr. [**Peas** 087954
a graft-transmissible inhibitor. [**Peas**]. 087955
mechanism in photosystem I of plants. [**Peas**] 087972
organic acids present in rhizosphere of **pea** 088071
of isoperoxidases from Pisum shoots. [**Peas**] 088129
internode length genotype in Pisum. [**Peas**] 088130
epoxidation by plant root extracts. [**Peas**]. 088142
in seedlings of dwarf Pisum sativum. [**Peas**] 088144
extracts of Pisum sativum shoot tips. [**Peas**] 088145
properties of particulate forms. [**Peas**]. 088160
Properties of an aminotransferase of **pea** (P- 088168
initiation with plant messenger RNA. [**Peas** 088173
of Sclerotinia sclerotiorum from **peas.** 089009
f. pisi race 5 propagules from soil. [**Peas**]. 089199
pinodes (Berk. et Blox.) Stone. [**Peas**]. 089260
A necrotic stunt of **pea** (Pisum sativum l.), 089333
of red clover vein mosaic virus in **pea** (Pisum 089356
insecticide & compound, on **pea aphid,** Acyr- 089978
of mycetocytes & symbiotes of **pea aphid,** A- 090687
Use of induced mutations in **breeding peas.** 086944
species, 1969/1971. [**Broadbeans, peas**]. 088925
in gram (Cicer arietinum L.) [**Chick peas**]. 088769
low freezing. [Wheat, **corn, peas**]. 087744
Pisum) as feed for bacon pigs; **dehulled peas** 084479
Purification of **pea enation** mosaic virus & i- 089358
Transmission of **pea enation** mosaic virus by 089429
Induction of pisatin formation in **pea foot** r- 089201
on control of weeds in pulses **(peas & gram)** 089668
formaldehyde fixation of **isolated pea** chloro- 084561
from frozen green beans & **peas kept** at 20 083751
synthesis of nucleic acids in **pea leaves.** 088029
Breeding winter-hardy **marrowfat pea** variet- 087180
purify bean yellow mosaic virus, **pea mosaic** 089357
Pea moth. [Laspeyresia nigricana]. 090016
A study on genetic variability in **pigeon pea** 086861
Genetic studies in **pigeon pea.** V.i. Leaflet s- 086974
determination for ethylene. [**Peas, root** nodu- 087542
Potential aphid vectors of **pea seedborne** m- 089393
acid aminotransferase in **pea seedlings.** 087959
in case of irradiation of **pea seeds** with ga- 087160
Bush Purple Hull, a new **southern pea.** 088587
ions, carbon dioxide, & auxin on **pea stem** s- 088170
Sweet peas for your garden. [Lathyrus odor- 088627
Measurement of **pea tenderness.** II. A review 083799
to purify bean yellow mosaic **virus, pea** mos- 089357
waves with plant roots. [Corn, **wheat, pea**] 087864

PEASANTS

Yugoslav community & old **peasants.** [Rural 082017
Nature & change of **peasant ecocnomies.** 082074
Component structure of **peasant economy,** a- 081964
competitive structure of **peasant economy.** 082457
Peasant environment in confines of Anjou, 081986

in external transport for **peasant farms.** 082443
Peasant society & development in Ethiopia. 082011

PEAT
on growth & yield of rice in an **acid peat** soil 091794
Scolytidae, forest **peats, biological** control] 090116
Use of **peat land** in Finland. 082068
problems of hydrologic function of **peat land** 092287
study of genus Sphagnum. 2. **Peat mosses** of 086555
planting of pines according to **NISULA-peat-** 086083
for improving heat regime of **peat soils** of B- 091737
Liming of **peat soils** & its effects on pineapp- 091940
of normal potential of **peat-water** system. 091748

PEATLANDS
changes in a Sierra **Nevada peatland.** [Dipt- 090760

PECANS
"shoshoni" **pecan.** 088405
Chemicals registered for use on **pecans.** 090368
to increase zinc absorption by **pecan leaves.** 091963
Pecan weevil: suppression of larvae with fun- 090029

PECTINOPHORA
larvae of pink **bollworm, Pectinophora** goss- 089887
Boisd.) & cotton **bollworms, Pectinophora** g- 089876
of larvae. [**Pectinophora gossipiella,** biologic- 089914
in Upper Egypt. [**Pectinophora gossypiella,** 089868
boll worms. [**Pectinophora gossypiella,** Eari- 089869
Lepidoptera). [**Pectinophora gossypiella,** Ea- 089889
Gelechiidae. [**Pectinophora gossypiella**]. 089948
anemotaxis. [**Pectinophora gossypiella**]. 090781
Gelechiidae. [**Pectinophora gossypiella**]. 090804

PECTINS
Production of **pectolytic** & **cellulolytic** enz- 089180
mycelium & activity of **pectic** & **cellulolytic** 089291
Pectin content of home made & of commerc- 083723
Pectolytic enzyme activity of Choanephora 089079
Characteristics of **pectins isolated** from soft 088086

PECTOLYTIC
SEE PECTINS

PEDICEL
C-sucrose in excised **apple pedicels.** 087940

PEDICULARIS
Pedicularis comosa L. in region of Povazska 086497

PEDIOCOCCUS
brewery products. [**Pediococcus damnosus,** 082778
brewery products. [**Pediococcus damnosus**]. 082779
brewery products. [**Pediococcus damnosus,** 083112
brewery products. [**Pediococcus damnosus**]. 083113

PEELS
of reddish color of **peel** of **detached** kaki fru- 083803

PEGANUM
new in biology of **Peganum harmala.** 087212

PELARGONIUM
carbon dioxide] in **Pelargonium graveolens** 088132
leaved geranium. [**Pelargonium roseum,** esse- 088962

PELLETIZATION
Feeding of **pellets, cobs** & briquettes. 084629
quality in relation to feeding **cows pellets** of 083389
Effects of a self-fed **pelleted** mixtures of hay 084588
Pellet feeding of swine. 084700
their combinations on **pelleted monogerm** s- 089258
Wheat straw & urea in **pelleted rations** for 084570
More & better feed by **pelleting whole** plant 083885

PELLICULARIA
SEE THELEPHORACEAE

PELVIS
A rare type of **pelvic fracture** in a dog & a 085805
wedge technique for **pelvic radiography.** [D- 085621
tract injuries associated with **pelvic trauma.** 085768

PENETRATION
coating materials on **bacterial penetration** of 082823
Penetration, excretion & metabolism of DDT 089979
Penetration & invasion of sunflowers by Scl- 089025
Penetration & translocation of herbicides. 089667

PENETROMETER
Use of **penetrometer** for **deformation** testing 082812

PENICILLIN
studies on a fungal & **bacterial penicillin** V- 087389

PENICILLIUM
fungi. [Alternaria, **Aspergillus, Penicillium,** 082801
transport by **Penicillium chrysogenum:** invol- 087415
oxidocyclase from **Penicillium cyclopium.** III 087282
of ethylene in **Penicillium digitatum.** 087234
decay of pears. [**Penicillium expansum,** Bot- 089064
of dextranase from **Penicillium funiculosum** 087281
flavus Link. & **Penicillium meleagrinum** Bio- 087199

PENNISETUM
decumbens & **Pennisetum clandestinum.** [Sh- 084441
varieties of bajra (**Pennisetum typhoides**). 087779

PENS
of turkeys confined in **pens** on **treated** soil. 090349

PENTANE
Lipoxygenase-**mediated pentane** production: 083596

PENTANEDIOL
in aqueous 2-**methyl**-2, 4-**pentanediol,** II. Sp- 084053

PENTATOMIDAE
Ecology & control of **Pentatomidae, insect** 089848

PENTOSANS
of water soluble wheat **flour pentosans** & th- 083622

PEONY
Remarkable new race: **peonies.** [Paeonia]. 088574
Control of **peony scale,** Pseudaonidia paeoni- 090014

PEPERAZINE
treatment with a **peperazine derivative** fung- 089221

PEPPER
of identification of papaya seeds in **pepper.** 083785
Control of corn borers & aphids in **peppers** 090098
Black pepper & its potential as a spice in 088950
practices for pimiento **pepper--fertilizer** rates 088567
Epidemics of fruit soft rot on **green peppers** 089305
culture & management. 2. [**Japanese pepper,** 088559
Pepper & nutrition. 083007
Gelechiidae), a new insect pest of **red pepper** 089981

PEPPERMINT
Swamp **peppermint, Eucalyptus** rodwayi R. 086358
White **peppermint, Eucalyptus** pulchella De- 086362
Silver **peppermint, Eucalyptus** tenuiramis m- 086377

PEPSIN
Limited **pepsin digestion** of bovine plasma a- 084056
on proteolytic activity of **pepsin** in **vitro** & 085603

PEPTIC
beta bovine lactoglobulin in **peptic sequence** 084154

PEPTIDES
by discarine B, a new **peptide alkaloid.** 088040
of cyanogen **bromide peptides** from alpha 1 084095
Effects of **feeding peptide**-precipitating ligno- 084388
Nondialysable sugar **peptide fraction** of bov- 084027
Effects of **peptide-precipitating** lignosulphon- 085603
acid proteinases for **synthetic peptides.** I. Pr- 087229

PEPTONE
peptone, proteose & **peptone** from **cow** & bu- 084186

PERCEPTION
results: diffusion, adoption & **perception.** [A- 081893
Localization of **photoperiodic perception** in 088183

PERENNIAL
Perennial cultivated rye. II. Preliminary vi- 088547
Perennials for **dry** & sunny places. 088671
Polyploids of **perennial feedstuffs.** XXII. Co- 087126
Perennial forage breeding projects. [Canada 086921
Perennial forage breeding projects. 086922
Perennial ornamental grasses for outdoors. 088669
of two genotypes of **perennial ryegrass.** [Lol- 087773
Perennials from **seed.** [Plants]. 088734
of crossing annual & **perennial teosinte** with 087015

PERIANAL
SEE ANAL

PERICARDIUM
allied lesions on **pericardium** of **buffaloes** in 085684

PERICARP
of extractable para coumaric acid in **pericarp.** 087932
Peonidin in W22 **Pr pericarp** & cob glumes. 087798

PERICONIA
trifolii, Stemphylium **botryosum, Periconia** 089076

PERIDERM
Sweetpotato **periderm failure** in response to 088064

PERILLA
polyribosomes in senescing leaves of **Perilla** 087341

PERINEUM
Feline perineal urethrostomy using Wilson 084995

PERIPHERAL
on **peripheral** action of **Delysid,** Tofranil & 085483
activity of central & **peripheral nervous** syst- 090522
Changes in **peripheral plasma** progesterone 084871
Peripheral reflexes of sympathetic ganglia in 084256
core temperature & **peripheral temperatures** 084267

PERIPLANETA
Tenebrio molitor, **Periplaneta americana**]. 089825
in cockroach (**Periplaneta americana**) & ho- 090188
American cockroach, **Periplaneta americana** 090522
American cockroach, **Periplaneta americana** 090524
in cockroach. [**Periplaneta americana**]. 090670
Tenebrio molitor, **Periplaneta americana**]. 090769
prothoracic gland of **Periplaneta americana** 090850
in cockroach (**Periplaneta americana**) & ho- 091153

PERITONEUM
Phagocytic activity of **peritoneal exudate** cel- 085392
by mouse **peritoneal macrophages.** 085376
ossification of **peritoneum** in a **slaughter** sw- 085721

PERITONITIS
leukemia & feline **infectious peritonitis** in a 085212

PERITROPHIC
cysteine into **peritrophic membranes** of blow- 090521

PERIWINKLE
like bodies in **periwinkle infected** with sand- 089355

PERLETTE
acids in leaves of cardinal & **perlette grape** 088204
flowering & fruiting in **Perlette variety** of vi- 088195
crop & quality regulation in **Perlette variety** 088886

PERMEABILITY
combined gel **permeation chromatography** & 083122
Gel **permeation chromatography** of heated f- 083602
maydis on cell **membrane permeability.** [Co- 089138
Improved reverse **osmosis permeation** by he- 083792
of **permeability** of **pedologically** defined are- 091495
Effect of drugs on **permeability** in **sheep** skin 085782
between **permeability** & other **soil** paramete- 091494
Bacteria, enzymes & **wood permeability.** 086217

PERONOSPORA
Peronospora [tabacina] of tobacco. [Chemic- 089136
against downy mildew. [**Peronospora**]. 082082
mildew fungus. [**Peronospora brassicae**]. 089046
A new **Peronospora** of **cucumbers.** [Pseudop- 089135

PERONOSPORACEAE
Plasmopara penniseti sp.Nov., a downy mil- 086407

PEROXIDASES
Peroxidase activity & lignification in pod m- 086720
rust inoculation on **peroxidase activity** in re- 088989
Peroxidase activity, beta-glucosidase activity 089139
Polyphenol oxidase & **peroxidase activity** in 089303
crystallographic data for a **basic peroxidase** 088105
E on activities of **glutathione peroxidase** sys- 084603
banana fruit: changes in **peroxidase isozymes** 089514
Electrolyte & **peroxidase leakage** as indicat- 089235
separation of **peroxidases** of **lines** carrying 087095
Thermal activation of **peroxidase** as a **lipid** 083131
Peroxidases of **Solanum** melongena leaves. 088131

PEROXIDES
in foods treated with **hydrogen peroxide.** [C- 083151

PERSEA
metabolism in avocado (**Persea americana**). 087967
of leaf terpenes in Persea **subgenus Persea.** 086390

PERSICARGAS
a neurohemal organ in Agras (**Persicargas**) 090261
sensilla of a soft tick, Argas (**Persicargas**) A- 090262
sensilla of a soft tick, Argas (**Persicargas**) a- 090723
a neurohemal organ in Agras (**Persicargas**) 090979

PERSIMMON
for a minor fruit. [**American persimmon**]. 088842
detached kaki fruits. [**Japanese persimmons**] 083803
thinning techniques for **kaki persimmon.** 088792

PESTALOTIA
A **Pestalotia sp.** causing fruit rot in apple. 089057

PESTICIDES
How to garden without **pesticides.** 090009
for qualifications in use of **pesticides.** 090307
Our chemical environment. [**Pesticides**]. 090326
with liquid fertilizers. [**Pesticides**]. 090334
of agricultural sprays on foilage. [**Pesticides** 090338
gas chromatographic analysis of **pesticides.** 090345
chemicals as friends & foes. [**Pesticides**]. 090361
in federal regulations of **pesticides.** 090379
Orchardist & environment. [**Pesticides**]. 090401
sprayer for more efficient use. [**Pesticides**]. 091326
with liquid fertilizers. [**Pesticides**]. 091905
use of chemicals other than **pesticides.** [Pol- 092359
Pesticides: pollution of environment & foods 092385
contamination of environment by **pesticides;** 092400
Arsenic & old quarrels. [**Apples, pesticide** re- 090309
Pesticides in **aquatic** environment, 1972. 090331

method of several **carbamate pesticide** resid- 090398
in developing new **chemical pesticides.** 090319
Reducing **pesticide chemical** drift. 090337
for isolation of **chlorinated pesticides** in milk 082873
Residue analysis of **chlorinated pesticides** & 090407
Influence of **pesticides** on **crop** fauna occurr- 090020
Current pesticide legislation. 090330
of ring tests to **determine pesticide** residues. 082718
Formulations of **pesticidal dusts,** wettable p- 090335
Feeds, **fertilizers, pesticides,** 1972 report. [I- 082856
use of chemicals. [**Pesticides, fertilizers**]. 086051
allowed quantities of **pesticides** in **food** artic- 082755
Toxicities of **pesticides** to some **fresh** water 090400
Chlorinated **hydrocarbon pesticide** residues 090385
Chlorinated **hydrocarbon pesticide** residues 090386
Efforts to **increase pesticide** label-reading. 090303
Current **pesticide legislation.** 090330
Pesticides manual: classification, toxicities, 090358
Pesticide & mercury residues in wheat. 090360
1973 ontario **mushroom pesticide** recommen- 090367
on removal of **organochlorine pesticide** resi- 082735
of soil residual **organochlorine pesticides** into 082737
occurrence of **organochlorine pesticides** in s- 082857
of soil residual **organochlorine pesticides** into 090325
occurrence of **organochlorine pesticides** in s- 090362
exposure to **organophosphorus pesticides;** A 090346
in food articles & **pesticides problems** to be 082755
Pesticides & public health. 090306
mushroom **pesticide recommendations.** 090367
Recurrent pesticide residues in food. 082868
Reducing pesticide chemical drift. 090337
Influence of **pesticide regulation** on research 090318
Feeds, fertilizers, **pesticides,** 1972 **report.** [I- 082856
Pesticides & requirements of institutional fi- 082231
Function of **pesticides residue** laboratory. 090304
Pesticide residue levels in cooked rice & no- 090327
of ring tests to determine **pesticide residues.** 082718
Studies on analysis of **pesticide residues** in f- 082735
Determination of **pesticide residues** in bee h- 082860
Determination of **pesticide residues** in bee h- 082861
Recurrent **pesticide residues** in food. 082868
of ring tests to determine **pesticide residues.** 083253
Determination of **pesticide residues** in bee h- 089695
old quarrels. [Apples, **pesticide residues**]. 090309
A review of **pesticide residues** in commercial 090355
Determination of **pesticide residues** in bee h- 090365
Recurrent **pesticide residues** in food. 090377
Chlorinated hydrocarbon **pesticide residues** 090385
Chlorinated hydrocarbon **pesticide residues** 090386
of several carbamate **pesticide residues** by o- 090398
for evaluating effects of **pesticides** on **soil** m- 090312
Decomposition of **pesticides** by **soil** microor- 090356
for evaluating effects of **pesticides** on **soil** m- 091540
Decomposition of **pesticides** by **soil** microor- 091653
food additives, **supervises pesticides.** 082617
simple determination of **pesticides** by **thin-l-** 090388
marketing & use of **turfgrass pesticides.** 090318
incidence & damage, & **pesticide usage;** repo- 089498
macroinvertebrates. [**Wastes, pesticides**]. 092448
Organics. [**Pesticides, water** pollution]. 090403

PESTS

control of major parasites of olives. [**Pests**] 090095
abietis in Pennsylvania. [Picea **abies, pests**] 090132
important diseases & **pests** of **agricultural** c- 089534
life history of insect & **allied pests** of livest- 090227
an ecological problem. [Forest **animal pests**] 089474
of Achroia grisella Fab. [**Apiculture, pests**]. 091123
of Adoxophyes reticulana Hbn. [**Apple pests** 090063
Balanced pest control. [Gardens]. 090023
Sugar **beet pest** & disease incidence & dama- 089498
their application. [Insect **pests, biological** c- 089770
on insects. [**Pests, biological** control]. 089771
by irradiation. [**Pests, biological** control]. 089772
of chemosterilants. [Insect **pests, biological** 089773
biocontrol of insects. [Plant **pests, biological** 089783
insect hosts: a review. [**Pests, biological** con- 089784
Weiser: a review. [Insect **pests, biological** c- 089786
of some insect parasites. [**Pests, biological** c- 089787
nematodes: a review. [**Pests, biological** cont- 089788
in Arizona. [Insect **pests, biological** control] 089810
a FAMULUS application. [**Pests, biological** 089811
application. [Apples, pears, **biological pest** 090022
rhinoceros. [Coconut **pests, biological** control 090036
Chalcidoidea). [Citrus, **pests, Biological** con- 090055
Porthetria dispar, forest **pests, biological** co- 090133
Two **bug pests** of bats occurring in Mexico. 090277
Trichopulsia ni. [Soybeans, **cabbage, pests**] 090039
irritans, musca autumnalis, **cattle, pests**]. 090248
of Rhagoletis cerasi. [**Cherries, pests**]. 090082
carinifer Casey, a new **pest** of **chestnuts.** 090061
Hymenoptera, Chalcidoidea). [**Citrus, pests,** 090055
Agallia constricta. [Crimson **clover, pests**]. 089929
rotunda Hampson, a **pest** of **coconut.** 089988
adults of Oryctes rhinoceros. [**Coconut pests** 090036
gardening; health foods, **composting, pest** m- 088818
Lasioderma serricorne, storage **pest control**] 087893
of cruciferous crops & **pest control** in Japan 088789
Pest control in corn & soybeans weeds, inse- 089432
Pest control: what vegetable processor wants 089570
protecting methods of **pest control** in agricu- 089781
Genetic methods of insect **pest control.** 089814
casei (Diptera, Piophilidae). [**Pest control,** 089980
Integrated **pest control** in apple orchards: P- 090010
Apples, pears, biological **pest control**]. 090022
Balanced **pest control.** [Gardens]. 090023
of cruciferous crops & **pest control** in Japan 090040
Pest control of agricultural products. [Insec- 090187
pupae, & adults. [Grain **pests, control**]. 090189
uses of plant protection & **pest control** agen- 090316
protecting methods of **pest control** in agricu- 092345
of DDT, gusathion & lebaycid on **corn pests** 089881
Lepidoptera: Noctuidae). [**Cotton pests**]. 089867
gossypiella, Earias insulana, **cotton pests**]. 089868
Lepidoptera: Noctuidae). [**Cotton pests**]. 089874
Lepidoptera: Noctuidae). [**Cotton pests**]. 089877
action of insecticides. [**Cotton pests**]. 089879
Lepidoptera: Noctuidae). [**Cotton pests**]. 089882
Lepidoptera: Gelechiidae). [**Cotton pests**]. 089887
Cotton pests: overwintering of three lepidop- 089910
Anthonomus grandis, **cotton pests**]. 089921
Lepidoptera:aNoctuidae). [**Cotton pests**]. 089888
Pests of **deciduous** fruit, grapes & miscellan- 090079
U. 11.)--two new maize **pests discovered** in 089020
fruits for resistance. [**Pests, diseases**]. 086918
of palmetto gardens from **pests & diseases.** 089563
Pests & diseases of oil & coconut palm: Par- 089937
Bud **eating pests** in viticulture. [Earth wor- 089565
in traps. [Achatodes zeae, **elderberries pests** 090033
Pests in **forest** nurseries & forests of Jordan 090110
gypsy moth. [Porthetria dispar, **forest pests,** 090133
Frame prognosis of occurrence of **forest pest** 090142
biological control of **forest pests.** 090146
to aid chemical control of pome **fruit pests** 090010
of larvae, pupae, & adults. [**Grain pests,** con- 090189
Inert atmosphere vs. stored **grain pests.** [In- 090175
enemy of Achnoia grisella. [**Honeybees pests**] 091115
cranifer hemocytes. [**Household pests**]. 090197
on poultry ranches. [**Household pest**]. 090246
between trophic interactions of **insect pest-** 089478
at USDA's biological control of **insect pests** 089764
their application. [**Insect pests,** biological c- 089770
Toxity of chemosterilants. [**Insect pests,** bio- 089773
blackburni in Arizona. [**Insect pests,** biologi- 089810
Genetic methods of **insect pest** control. 089814
ant. [Iridomyrmex humilis, **insect pests**]. 089819
aerosols for controlling **insect pests.** 089834
control of Pentatomidae, **insect pests** of rice 089848
A summary on **insect pests** of sugarcane. 089860
Rape & its **insect pest** problems. 089931
Lepidoptera, Gelechiidae), a new **insect pest** 089981
on yield of Swedish turnips. [**Insect pests**]. 089991
polyethylene films on two **insect pests** of s- 090013
prospects of major cabbage **insect pests** in 090053
schedule for controlling **insect pests** of citrus 090077
Erionota torus, a new species of **insect pests** 090085
at Silkeborg, 1972. [Conifers, **insect pests**] 090118
control of Scolytidae, injurious **insect pests** 090158
No practical control for some **insect pests.** 090186
Household **insect pests** & their control, 13th 090210
Control of **insect pests** in stored products in 090215
between trophic interactions of **insect pest-** 090238
Ants. 6th ed. [Formicides, **insect pests**]. 090270
Lepidoptera, Gelechiidae), a new **insect pest** 090868
A summary on **insect pests** of sugarcane. 090934
Forest **insect pests** in Korea. (Supplement I 091031
control of root feeding **insect pests:** grubs & 089776
Pathogen mixtures to control **insect pests.** 089992
control in fruit culture. [**Pests, insecticedes,** 090024
Integrated pest control in apple orchards: P- 090010
carbonum U. 11.)--two new **maize pests** disc- 089020
Tetraneura ulmi (L.), a new **maize pest** in C- 090080
Gypsy moth: a **major pest** of trees. [Porthet- 090164
collected in Florida. [Insect **pests, man**]. 090257
health foods, composting, **pest management,** 088818
insecticides in orchard **pest management.** 089986
Control of insect & **mite pests** of commercial 089843
Common springtail & **mite pests** in a new b- 090213
pupifora F. [Coconut **pests, nephantis** serin- 089987
tiomanicus (Miller), as a **pest** in **oilpalms** & 089574
integrated control programs. [**Orchard pests** 081905
use of selective insecticides in **orchard pest** 089986
interactions of insect **pest-parasitoid** & snail 089478
in Tasmania. [Oncopera, **pasture pests**]. 089854
Is Porcellio scaber Latr. a **plant pest?** 089766
in biocontrol of insects. [**Plant pests,** biolog- 089783
Outwitting **plant pests.** 089793
problems connected with **pest population** co- 089769
Rape & its insect **pest problems.** 089931
by hydrocarbon insecticides. [**Rat pests**]. 090234
Diptera: Ephydridae) a new **pest** of **rice** crop 089933
Rodent pests of West Africa. [Economic pla- 089569
spp. (Diptera: Ephydridae) as a **serious pest** 089851
Spider mites & insects. [**Soybeans, pests,** Te- 089858
Lasioderma sericorne, **storage pest** control] 087893
zeamais, sitophilus granarius, **storage pests**] 090192
on life stages. [Cadra cautella, **storage pests** 090194
food additives as ovicides. [**Storage pests,** c- 090195
its application in wheat. [**Storage, pest** cont- 090209
of Anthonomus rubi. [**Strawberries, pests**]. 090081
system. [Conoderus exsul, **sugarcane pests**] 089925
taedae linearis. [Pinus **taedae, pests**]. 090136
insects. [Soybeans, **pests, Tetranychidae**]. 089858
wire cages. [Pinus virginiana, **pests, Tetyra** 086088
to larvae. [Ennomos subsignarius, **tree pests** 090125
Malacosoma californicum, **tree pests**]. 090126
Termites as **pests** of **tropical** food crops. 089827
screen wire cages. [Pinus **virginiana, pests,** 086088

PETALS

petal primordia in culture: **petal duplication** 087697

PETIOLES

elongated stem, & short-**petiole dwarf.** 086895

PETROLEUM

Effect of **petroleum fractions** & two emulsifi- 089867
Effect of **petroleum**-based **growth** substance 088070
Petroleum may **help** solve world protein cris- 082937

PETUNIA

budding & fission in microspores of **Petunia.** 087109
Isolation, culture & regeneration of **Petunia** 088020
from single & double **flowered petunias.** 088062
of pollen from crossing of **Petunia hybrida** 086847
Test tube fertilization in **Petunia hybrida.** 087177
isolated protoplasts of **Petunia hybrida.** 088232
of higher plants. [**Petunia hybrida,** Nicotiana 088233
isolated protoplasts of **Petunia hybrida.** 088236
isolated protoplasts of **Petunia hybridia.** 088231

PEUCEDANUM

Aphididae) from **Peucedanum officinale.** 090904

PEYOTE

Peyote: an introduction, [Lophophora, drug 086471
Biosynthesis of **peyote alkaloids.** [Lophopho- 087439
Chemistry of **peyote alkaloids.** [Lophophora 087445

PHAEOPHYTA

of Ectocarpus siliculosus **(Phaeophyta)** as r- 086713
attenuata **(Phaeophyta, Dictyosiphonales),** 087391

PHAGES

SEE BACTERIOPHAGES

PHAGOCYTIC

Phagocytic activity of peritoneal exudate cel- 085392
Phagocytic activity of leukocytes in evaluat- 085588
leukocytes. I. **Phagocytic & bactericidal** pro- 085307
leukocytes. II. **Phagocytic & bactericidal** pr- 085308

PHALARIS

applications of reed canary grass. [**Phalaris**] 088392
Nutritive value of **Phalaris tuberosa** & Loli- 084509

PHARMACEUTICS

Fermentation industry--**pharmaceuticals, co-n,** 092444

PHARMACOGNOSY

Pharmacognosy of **commercial** caraways. II 086784

PHARMACOLOGY

calves: Effects of **pharmacological agents.** 085069
output by certain **pharmacological agents.** [090714
chemistry & **pharmacology** of its **analogs.** [087440
IV. Chemical & **pharmacological evaluation** 087555
II. Some **pharmacological properties** of poly- 085182
of laboratory of **pharmacology & toxicology,** 085791

PHARYNGEAL

SEE PHARYNX

PHARYNX

Pharyngeal deposition of surfactant in prem- 084097
maltase secreted by **pharyngeal gland** of wo- 091094
Oral & **pharyngeal neoplasia.** [Dogs]. 085628

PHASEOLUS

pigments in seedling legumes. [**Phaseolus**]. 087708
between adsuki bean, **Phaseolus angularis** 086990
intortum & **Phaseolus atropurpureus** mixed 091982
chain catalysed by a **Phaseolus aureus** enzy- 087963
mannosyl transferases in **Phaseolus aureus.** 088146
N-acetyltransferase from **Phaseolus aureus.** 088157
damping-off of mung bean **(Phaseolus aureus** 089077
diseases of mung bean **(Phaseolus aureus)** & 089301
between adsuki **bean, Phaseolus** angularis 086990
cotyledons of French **bean Phaseolus** vulgaris 087964
suspensor cells of **Phaseolus coccineus.** [Sca- 086746
system behaviour in **Phaseolus coccineus.** [S- 087985
antifungal isoflavan from **diseased Phaseolus** 088149
Willd) W.F. Wight & green **gram, Phaseolus** 086990
acid, from non-**imbibed Phaseolus** vulgaris s- 088180
packaging of papads. [**Phaseolus mungo**]. 083783
components in blackgram **(Phaseolus mungo** 083786
F. Wight & green gram, **Phaseolus radiatus** 086990
gibberellin level of **Phaseolus radiatus,** Linn. 088016
navy (haricot) beans **(Phaseolus vulgaris** L.) 084459
of citrate synthase from **Phaseolus vulgaris** 087821
of French bean **Phaseolus vulgaris.** 087964
of primary leaves of **Phaseolus vulgaris** L. [087984
zinc deficient leaves of **Phaseolus vulgaris** L 088013
isoflavan from diseased **Phaseolus vulgaris** ti- 088149
acid metabolism by **Phaseolus vulgaris** var. 088152
Germination of **phaseolus vulgaris.** IV. Patt- 088164

acid, from non-imbibed **Phaseolus vulgaris** s- 088180
of kidney bean nodules (**Phaseolus vulgaris** 088201
Susceptible cultivars of **Phaseolus vulgaris** L 089066
leaves of kidney beans (**Phaseolus vulgaris** L 089249

PHASES
film as affected by vapor-**phase adsorption** of 086100
Phase changes of milk fat in preparing & c- 083297
Recycling. 21. Study of **colloidal phase** of m- 083376
Phase contrast & electron microscopy of m- 090687
of soil according to **developmental phases.** 089577
acid synthesis during cell **expansion phase** of 087541
of granulometric & **geochemical phases** of p- 086659
Effect of breed on course of **growth phases** of 084306
initiation of a terminal **growth phase** in Cec- 090592
of copper & iron in **heterotrophic phase** of 087983
Swelling behaviour of **lamellar phases** of sat- 083152
Legal phases of farmer cooperatives: sample 082187
Nucleation phase & energy pattern. [Sugarb- 083687
Adaptive peculiarities of **preimaginal phases** 090613
antibody-solid **phase radioimmunoassay.** 084228
Britain sets **strict phase** II. Controls to curb 082388
in young cattle during **terminal phase** of fat- 085549

PHASMATIDAE
in embryonic feet of **phasma Carausius.** 090417

PHEASANTS
sensory evaluation of **pheasants hung** at 5, 083505
of uropygial glands of ring-**necked pheasants** 084057
pseudotuberculosis in **pheasant** with **regard** 085538

PHELLINUS
Phellinus tremulae (Bond.) Bond. et Borisov 089019

PHENANTHRENE
Combretaceae. IV. **Phenanthrene derivatives** 087348

PHENOLOGY
of climatic & **phenological conditions,** of ad- 088325
Dipterocarpacia: **Phenology & germination** 087291
Timing green wave. [**Phenology, plants**]. 086677
problems in theory of **phenology** from **point** 086672
Phenological studies of banana plant. 088010

PHENOLS
Quantitative autoanalysis of **phenolic acids** 087419
Bromine phenols of a red algae, Halopytis i- 087523
between auxins & **phenolic compounds** in ro- 088073
Effect of **phenolic compounds** in Lycopersic- 090070
alcohols in relation to **phenol concentration** 089196
beta-glucosidase activity & **phenolic levels** in 089139
Phenol oxidase in blood cells of millipedes. 090689
Phenol-oxidizing enzymes in heartwood of P- 088263
isomerism on rate of **phenol transformation** 091699

PHENOTYPES
Phenotypic correlations between main prod- 084918
Phenotypic corrleations between dam traits 084842
of lethal & **morphological phenotypes** of sel- 090530
Effect of **phenotype selection** on height an 086038

PHENOXY
Liquid-liquid extraction of **phenoxy acid** her- 089672
of **phenoxybenzamine** & **propranolol** on blo- 084216

PHENYL
values for ethyl caprylate & **phenyl ethyl** al- 082965

PHENYLALANINE
a pool of inactive **phenylalanine ammonia**-ly- 088140
Ethylene-induced **phenylalanine ammonia**-ly- 088156
novo synthesis of L-**phenylalanine ammonia**- 089046
Phenylalanine hydroxylase activity in cell e- 087450

PHENYLALANYL
Spearation of **phenylalanyl & alanyl** chains 084167

PHENYLHYDRAZONES
of benzoyl **chloride phenylhydrazones.** 089807

PHENYLMERCURIC
iodide & **phenylmercuric chloride** by thin la- 082777

PHEROMONES
Sex attractant **pheromone activity** of elm sp- 090131
production of **pheromone & competitiveness** 089924
histology of new sex **pheromone glands** in 090571
Pheromone production & mating behaviour 090704
production of **pheromones & related** compo- 090172
Synthesized pheromone of queen substance 091188
by brief exposures to **synthetic pheromone** 090690
Trail pheromone of termite, Trinervitermes 090695
New products, use of **pheromone traps** & ti- 090022

PHIALOPHORA
SEE DEMATIACEAE

PHILOPTERIDAE
Degeeriella (Mallophaga: **Philopteridae**). 091022

PHLEOMYCIN
Action of **phleomycin** on **meiotic** cells. [Lili- 086968

PHLOEM
On **phloem** & **cambium** of a Calamopityaceae 086322
B of sucrose transport in **isolated phloem** st- 087335
spherules in **phloem** of **Microsorium** scolop- 086814
bodies in **phloem parenchyma** cells of aster 089375
with electron microscopy; **phloem tissues** we- 089400

PHOMA
on biology & control of **fungus Phoma** ling- 088995

PHORATE
Phorate & aldicarb: effects of systemic fungi- 089108
Effectiveness of **thimet & disyston** as seed & 089875

PHORMIA
chemosensory seta of **blowfly, Phormia** regi- 090698

PHORMIDIUM
Chlorella vulgaris, **Phormidium luridium**]. 087273

PHOSPHATASES
of phenylsulfatase & **acid phosphatase** in br- 084022
localisation of **acid phosphatase** in avian she- 084106
properties of a repressible **acid phosphatase** 087619
bone growth & alkaline **phosphatase activity** 084248
Glucose-6-**phosphatase activity** in a soluble f- 087977
Phosphatase & amylase activity of intact fe- 087632
krebs' cycle **dehydrogenases, phosphatases** 084030
naphtol AS-MX **phosphatase**) in conducting 087570

PHOSPHATES
Where did all **phosphate** go? [Fertilizers, pr- 091995
localization of an **acid phosphatic** activity in 090413
Effect of water & **superphosphate addition** 091975
analysis of **alkyl phosphate** metabolites in u- 090346
of ammonia & **phosphate,** & some **associated** 087589
meal or supplemental **calcium phosphate.** [084462
Intestinal absorption of **phosphate** in **chick: Chlorinated, phosphatic** & carbamate insect- 089973
activity of tri-o-**cresyl phosphate** in rats & 084262
P-DH [glucose-6-**phosphate dehydrogenase**] 084126
PGD [glucose-6-**phosphate dehydrogenase**] 084362
Effect of **superphosphate** in **different** combi- 087652
properties of pyruvate **phosphate dikinase** f- 087686
adenine **dionucleotide phosphate**] by fluores- 087381
diphosphate mannose to **dolichol phosphate** 087270
Phosphate excretion in laying hen (Gallus d- 084269
enriched with **phosphate fertilization.** 091922
Phosphate flow into mycorrhizal roots. 087470
Mixing ratio of **fused phosphate** & superpho- 091922
properties of D-**glucosamine 6-phosphate** N- 088157
of 6-PGD [**glucose-6-phosphate** dehydrogena- 084362
erythrocyte G6P-DH [**glucose-6-phosphate** 084126
Insoluble phosphate salts as cytoplasmic inc- 086811
analysis of alkyl **phosphate metabolites** in u- 090346
of **phosphate** as its **molybdenum** (V-VI) co- 087245
Overcomes phosphate problem. [Dairy indu- 092348
fused phosphate & **superphosphate** in **paper** 091922
Polyprenol phosphates & mannosyl transfer- 088146
Overcomes **phosphate problem.** [Dairy indu- 092348
catalytic properties of **pyruvate phosphate** d- 087686
Insoluble **phosphate salts** as cytoplasmic inc- 086811
by application of **phosphate & several** metal 087901
Utilisation of **soft phosphate** in diets with & 084462
of use of chlorinated **trisodium phosphate** as 083292

PHOSPHIDES
products. [Insects, **aluminum phosphide**]. 090187
fumigated with **aluminum phosphide.** [Oule- 090351

PHOSPHINE
Radiochemical analysis of **phosphine residues** 087893
Phosphine residues on soybeans fumigated w- 090351

PHOSPHODIESTERASES
nucliotide **phosphodiesterase inhibitors** on e- 084798

PHOSPHOENOLPYRUVATE
by **phosphoenolpyruvate carboxylase** from 087837

PHOSPHOFRUCTOKINASE
fructose **diphosphatase-phosphofructokinase** 090475

PHOSPHOGLUCOMUTASE
in higher plants: **phosphoglucomutase.** [Pota- 087385

PHOSPHOLIPIDS
on buffalo's milk. VIII. **Phospholipids.** 083285
of linseed-oil & analysis of its **phospholipids** 083663
Phospholipid changes in spermatozoa during 084091
changes on **phospholipid composition** of ma- 090682
Phosphorus-milk **phospholipid conversion** fa- 084184
Cottonseed phospholipids. IV. Isolation & c- 083661
concentration of **galactoand phospholipids** in 088031
Dog **kidney phospholipids** & question of ren- 084116
Enzymes of **phospholipid metabolism** in end- 087548
into **phospholipids** of **wheat.** 087914

PHOSPHOMONOESTERASE
phosphatasic (=**acid phosphomonoesterase**) 090102
Phosphomonoesterases of **digestive** gut in P- 090527

PHOSPHONIC
of (2-chloroethyl)**phosphonic acid** (ethephon 083698
Influence of (2-chloroethyl)**phosphonic acid** 087934
by (2-chloroethyl)**phosphonic acid.** 087935

PHOSPHORIC
of fertilizers on **superphosphoric acid** in Ch- 091999

PHOSPHORUS
Yields & N, [nitrogen] P, [**phosphorus**] & K 087585
competitiveness of 32P [**phosphorus**] tagged 089924
Yields & N, [nitrogen] P, [**phosphorus**] & K 091979
of heavy application of **phosphoric acid** to j- 087926
Effect of **phosphoric acid** application on fruit 088100
Ammonia, potassium oxide, **phosphoric acid,** 091913
Effect of **phosphoric acid** application on fruit 091925
A comparison of some **phosphorus amides** as 082885
for assessing plant-**available phosphorus** of 091749
Phosphorous, calcium, sodium & potassium 084712
Report on **calcium, phosphorus** & fertility in 084783
dioxide] PC02[**phosphorus carbondioxide**] 084252
Use of **phosphorus** 32 to **check** efficiency of 083292
different kinds of **phosphoric compounds** on 087875
mobilizing organic **phosphorus compounds.** 091772
different kinds of **phosphoric compounds** on 091978
high **phosphorus concentrations** on growth of 089660
Application of **phosphorus** to **cowpeas** for hi- 091854
phosphorus in leaves of **phosphorus-deficient** 089456
Quick **phosphorus determination** of meat & 083437
evidence on role of high **dietary phosphorus** 084552
P02[**phosphorus dioxide**] PC02[phosphorus 084252
Phosphorus evolution in a ferralitic soil sub- 091486
effects of **phosphorus** in two **ferralitic** soils 091487
Effect of nitrogen & **phosphorus fertilization** 091935
Phosphorus forms in representative Japanese 091650
of some herbicides on **phosphorus fractions** 089718
for manufacturing **granulated phosphorus** & 091824
p-myoinositol **hexaphosphate phosphorus** to 091743
ion-concentration] & **high phosphorus** conce- 089660
calcium, magnesium, & **inorganic phosphorus** 084160
Sources of nitrogen & **phosphorus** in **Lake** 092422
Lime & **phosphorus leaching.** 091578
of toxic levels of **phosphorus** in **leaves** of ph- 089456
concentrations of **phosphorus** by **leaves** of S- 089557
Phosphorus-milk phospholipid conversion fa- 084184
Effect of **phosphorus & molybdenum** on gro- 091795
Nitrogen & **phosphorus needs** of cauliflower 088028
on yield & uptake of **nitrogen, phosphorus** 087652
amount & ratios of **nitrogen, phosphorus &** 087881
Effect of levels of **nitrogen, phosphorus** & p- 088889
Effects of **nitrogen, phosphorus,** & potassium 091815
Effects of **nitrogen, phosphorus,** potassium, 091817
Effect of **nitrogen, phosphorus** & copper on 091833
Know your common **nitrogen phosphorus** po- 091852
relative importance of **nitrogen, phosphorus,** 091939
of effects of **nitrogen, phosphorus,** potassium 092008
to amide nitrogen in **nitrogen, phosphorus** & 091825
of mobilizing **organic phosphorus** compounds 091772
Organic phosphorus in relation to organic c- 091798
Ammonia, potassium **oxide, phosphoric** acid, 091913
of site on possbilities of **periodic phosphorus** 091801
A model for **phosphorus & potassium** flux in 086686
supply of **phosphorus & potassium** on dry-m- 087759
A model for **phosphorus & potassium** flux in 087889
possbilities of periodic **phosphorus-potassium** 091801
Effects of nitrogen, **phosphorus, potassium,** 091817
common nitrogen **phosphorus potassium** fert- 091852
of nitrogen, **phosphorus, potassium** & their i- 091939
of effects of nitrogen, **phosphorus, potassium** 092008
of some forms of **phosphorus** in **profiles** of d- 091710
Quick phosphorus determination of meat & 083437
Nitrogen & **phosphorous** in **rain** water at Fo- 092231
Phosphorus requirement of lettuce. II. A dy- 088079
of root hairs in supplying **soil phosphorus** to 087725
Influence of **phosphorus & sulphur** on growth 087407
of calcium & **phosphorus** in **superovulated** S- 084801
Phosphorus supplementation for young cows 084702
II. A dynamic model of **phosphorus uptake** 088079
activity & rate of **phosphorus uptake.** 088864
Effect of **phosphorus & zinc** on growth & fl- 088190

PHOSPHORYLASES
An allosteric alpha-**glucan phosphorylase** fr- 087974

PHOSPHORYLATION
uncouplers of **oxidative phosphorylation.** 089759
on enzymes of **phosphorylation** of **thymidine** 087631

PHOTOCHEMISTRY
Development of **photochemical activity** & a- 087842
composition & **photochemical activity** of ph- 088109
Photolysis of 2,2-**dichloropropionic** acid in 089716
Photolysis of **herbicide** dinitramine (N3,N3- 089673
Primary photochemistry of photosystem II 087194
Activity of **photochemical reactions** in Aspid- 087378
Photochemical transformation of thiophanate 089169

PHOTOGRAPHY
diseases of vegetables. I. **photography** of "fa- 089561
Aerial photography: use in detecting simula- 089918
Snow survey by **aerial photographs.** 092088
in arable land by **aerial photograph:** a case 092225
Photographic commentaries. [Soils, tillage] 092025
possibilities in nine **illustrated photographs.** 091148
reflectance & colour **infrared photography.** 086304
Photogrammetry in **mapping** & forest inven- 085917

PHOTOLYSIS
SEE PHOTOCHEMISTRY

PHOTOMETRY
technique for **photometric determination** of 083020
reaction, using **photometric evaluation.** I. 082923
content in milk by **flame photometry.** 083273
Collaborative study of **flame photometric** m- 091810
Photometric micro-determination of residues 083384

PHOTOPERIODISM
of azaleas with **controlled photoperiods** & g- 087943
Genetics of **photoperiodism** in **corn.** 087050
wheat cultivars in **differnet photoperiod** & n- 087709
Interaction of **photoperiodic dosage** & plant 087698
Inheritance of **photoperiodic heading** respon- 086883
Photoperiodic induction of flowering in mes- 087664
Effect of temperature & **photoperiod** on **local** 089362
of onion under **noninductive photoperiod.** 088065
Localization of **photoperiodic perception** in 088183
flies. III. Patterns of **photoperiodic reaction** 089794
flies. IV. Patterns of **photoperiodic reaction** 089795
flies. III. Patterns of **photoperiodic reaction** 090608
flies. IV. Patterns of **photoperiodic reaction** 090609
Temperature & **photoperiodic regulation** of 089927
L.). I. inheritance of **photoperiodic response** 086927
Photoperiodic studies on effect of borwn rust 088989

PHOTOPHOSPHORYLATION
between **photophosphorylation** & **delayed** li- 088159
of **photophosphorylation** without **depression** 087950

PHOTORESPIRATION
SEE RESPIRATION

PHOTORESPONSE
study of **photoresponse** in **Drosophila** pseud- 090470

PHOTOSYNTHESIS
of photosystem II of **photosynthesis.** [plants 087194
between two photosystems in **photosynthesis** 087273
retention in **photosynthesizing algae.** [Chlor- 087269
of **photosynthesis** of some **alkaloid**-bearing p- 087379
study of **apparent photosynthesis** & transpir- 087323
of oxygen effect on **apparent photosynthesis** 087707
distribution of **photosynthates** in **apple** shoo- 087980
Photosynthesis & **assimilate** distribution in 087246
Regulation of **photosynthetic carbon** metabo- 088228
during **photosynthesis** with **cotton** cells. 087847
requirement of **photosynthesis determined** by 087287
Photosynthesis & **distribution** of photosynth- 087980
methods for **photosynthesis measurement.** 087312
methods of **photosynthesis measurement.** 087317
obliquus] **photosynthetic mutants.** 086871
Effect on **net photosynthesis** of pedigree sel- 087121
tricyanopropene of **photosynthetic oxygen** e- 087968
methods for studies of **plant photosynthetic** 087315
Turnover times of **photosynthesis** & **redox** p- 087274
Measurement of **photosynthesis** & **respirati-n** 087295
Photosynthesis & **respiration** in poplar plant 088276
deficiency on **photosynthesis** & **respriation** of 087840
pine needle scale on **photosynthesis** of **Scots** 090119
use of **photosynthate** during **shoot** elongation 088252
maize leaves for **photosynthetic studies.** 086804
On transpiration & **photosynthesis** of **sugar** 087784

PHOTOSYSTEMS
of electron carriers between **photosystems.** 087274
inhibition of **chloroplast photosystem.**i. [Ni- 087275
activity of **photosystems detached** from chlo- 088109
of **photosystem** II of **photosynthesis.** [plants 087194
between two **photosystems** in **photosynthesis** 087273
mechanism in **photosystem** I of **plants.** [Peas 087972

PHOTOTROPISM
of Phycomyces with **abnormal phototropism** 087099

PHTHORIMAEA
Potato tuberworm. [**Phthorimaea operculella** 090047
potato tuber worm, **Phthorimaea operculella** 090087

PHYCITIDAE
stored shelled corn. Lepidoptera: **Phycitidae** 090217

PHYCOMYCES
Mutants of **Phycomyces** with **abnormal** pho- 087099
carotenoids by **Phycomyces blakesleeanus** 087511
carotenoids by **Phycomyces blakesleeanus** 087512

PHYCOMYCETES
from aquatic **phycomycete Allomyces** neo-m- 087238

PHYLLANTHUS
emblicae Sydow. [**Phyllanthus emblica,** fung- 086832

PHYLLOBIUS
Production of larvae of **Phyllobius piri** L. (090545

PHYLLOCNISTIS
method for control of **Phyllocnistis citrella** 090043

PHYLLOPHAGA
Phyllophaga crinita: damage assessment & 089917

PHYLLOXERA
Correlations between **Phylloxera** [vastatrix] 090050

PHYLLOXERIDAE
Adelges piceae (Homoptera: **Phylloxeridae**). 090121
by Dreyfusia nusslini CB (**Phylloxeridae**) & 090168

PHYLOGENY
Karyosystematic & **phylogeny** in **Fabaceae.** 087137

PHYSARUM
for ribosomal ribonucleuc acid in **Physarum** 086870
mitotic cycle of **Physarum polycephalum.** 087370
lower eukaryotes. [**Physarum polycephalum**] 087372
mitosis in **Physarum polycephalum.** 087629

PHYSICOCHEMISTRY
Physicochemical studies of equine infectious 085242

PHYSICS
Problems of soil **physics raised** by new cult- 091581
Soil physics. 4. Basic knowledge for agricul- 091686

PHYSIOLOGY
Physiological age of Aedes mosquitos. 090220
effects of Alar-85 on **physiology** of **alfalfa** & 087718
Nutritional **physiological basis** of energy & 084512
Physiological basis of varietal difference in 088409
some of their **physiological** & **biochemical** p- 092290
Analysis of **physiological characterisctics** of 087377
morphological & **physiological characteristics** 087902
Physiology of **chlamydospore** germination in 087384
Physiological colour change in elytra of her- 090680
Physiological disorders. [Apples, pears]. 089465
Ca [calcium] related **physiological disorders.** 089544
Studies on **physiology** of **embryonic** diapause 091176
Physiological, environmental, & hormonal f- 084854
of biological & **physiological factors** of deve- 091117
morphological & **physiological features** of se- 088000
Floral physiology of Angraecum i. Inheritan- 087930
Physiology of **forest** trees. 4. 088295
Differentiation between **physiologic forms** of 088483
dormancy. I. **Physiology** of **hibernation** in l- 090502
Ecological & **physiological implications** of g- 092090
Physiology of **insect** ecdysis. III. Relationsh- 090671
Physiological investigations of stature muta- 087792
compatibility, **morphology, physiology,** path- 089166
Contributions to **physiology** of **native** algae. 087628
Observations on **physiology** of **nematode**-tra- 089445
Nutritional physiological basis of energy & 084512
biochemical & **physiological** action of **Panax** 088187
morphology, **physiology, pathogenicity** & in 089166
of physiology & **pathological physiology,** 19 085113
Pathological physiology of intensive milk c- 085761
critical review of **postharvest physiology** res- 088057
activity in birds. [**Poultry, physiology.** 084820
Morphological & **physiological properties** of 085576
Physiological races of Puccinia graminis Pe- 087155
Physiological ranges of ECG [electrocardiog- 084082
Investigation of **physiological ranges** of ECG 084083
upon Ca [calcium] **related physiological** dis- 089544
review of postharvest **physiology research** on 088057
Physiological response of broiler chickens as 084209
On nature of **physiological responses** of Ave- 087834
Studies on **physiology** of **seeds** under storage 083527
associated with **physiologic specialization** in 089015
Physiologic specialization & pathogen aggre- 089189
conditions & host's **physiological state** on di- 089796
Hopk.): significance of **physiological state** of 090109
conditions & host's **physiological state** on di- 090610
Physiological studies on blood of anaemic c- 085781
A **physiological study** of adventitious bud fo- 088225
Physiology of **teliospore** germination in Ent- 087383

PHYTHIUM
fungi antagonistic to **Phythium debaryanum.** 089085

PHYTOCHEMISTRY
VIII. **Phytochemical investigation** of Euphr- 087557

PHYTOCHROMES
Role of **phytochrome** in an **interaction** with 088162
About **phytochrome switchmaster** of green p- 087382
Phytochrome & **thermal** shock in germinati- 087191

PHYTOCOENOSIS
ecology & **methodology, phytocoenotic** struc- 086632

PHYTOFLAGELLATES
system for study of **phytoflagellate** & **algal** 087310

PHYTOGEOGRAPHY
Phytogeography of **carices** of Virginia. [Car- 086570

PHYTOHEMAGGLUTININ
Phytohemagglutinin from **sunn** hemp seeds 087283

PHYTOLACCA
saponins of **Phytolacca dodecanra:** oleanogl- 087491

PHYTOMASS
behaviour & **phytomass** of some **acacias** in n- 088268

PHYTOPHAGOUS
Utilization of **phytophagous fish** for aquatic 089628
energy turnover of **phytophagous insects** in 090150
A new **phytophagous species** of Systasis [ce- 091008

PHYTOPHTHORA
Brown rot of citrus fruit. [**Phytophthora**]. 089152
sprinkler irrigation with **Phytophthora** [citr- 089206
distribution of **Phytophthora cinnamomi** Ra- 086381
Phytophthora cinnamomi in horticulture. 089285
caused by **Phytophthora nicotianae** var. par- 089178
from cytoplasm of **Phytophthora palmivora** 087418
Studies of **Phytophthora palmivora.** [Cacao, 088992
in isolates of **Phytophthora palmivora** from 089014
of mating types of **Phytophthora palmivora** 089183
Mating types of **Phytophthora palmivora** in 089238
in Liberia. [**Phytophthora palmivora**]. 089286
of potentially **pathogenic Phytophthora** & 088997

PHYTOPLANKTONS
beet-sugar factory wastes. [**Phytoplankton**]. 087206
on **phytoplankton** in **eutrophied** & non-eutr- 086580
Responses of a **mixed phytoplankton** popula- 087589
Studies on **phytoplankton** in **relation** to its 087236

PHYTOSEIIDAE
Some **phytoseiid mites** from Japan, with de- 091002
ecosystems (Acarina: **Phytoseiidae, Tetran-** 090019

PHYTOSOCIOLOGY
systems. III. **Phytosociology** of a **raised**-bea- 086646
Phytosociological study of a marsh reserve, 086635
of plant species in **phytosociological surveys** 086655
of computers for **phytosociological table**-wo- 086682

PHYTOSTEROL
Phytosterols in **plants.** 087530

PHYTOTOXICITY
Phytotoxicity of **dodine** & azinphosmethyl to 089213
activity. XXXII. **Phytotoxicity** of **metal** co- 089594
plant-water aspects of **ozone phytotoxicity** in 089555
stages for 2,4-D **phytotoxicity** to **sugarcane** 089562

PHYTOTRON
Phytotron in **botanical** gardens of Attila Jo- 086276
Phytotron in **horticultural** experimentation 087991

PICEA
succesful growing of spruce seedlings. [**picea** 086021
windfall resistance in 1967. [**Picea abies,** Pi- 085836
an optimal thinning program. [**Picea abies**] 085937
help of targeted experiments. [**Picea abies**]. 086030
selection on height an **Picea abies** L (karst.) 086038
propagation of Norway spruce (**Picea abies** 086076
conditions. [Pinus sylvestris, **Picea abies**]. 088298
Adelges abietis in Pennsylvania. [**Picea abies,** 090132
Forest Experiment Station. [**Picea glauca**]. 086015
seedlings in light & darkness. [**Picea glauca**] 088253
of eastern spruce gall aphid. [**Picea glauca,** 090129
Maritime Territory. [Larix **gmelini, Picea** j- 085823
in ether soluble fraction. [**Picea jexoensis,** 086180
linkage & a biphenyl. [**Picea jezoensis,** wood 086178
of Siberian spruce in Altai. [**Picea obovata**] 088243
air temperature on growth of **Pinus, Picea** 088278
old red spruce in Vermont. [**Picea rubens**]. 089207
balance of a spruce forest. [**Picea sitchensis**] 086669
on growth & frost resistance of **Picea spruce** 091923

PICKLES
Packing pickles with recycled brine. 083694

PICKLING
clouding frankfurters of **pickle** & **advice** to 083411

PIED
Pied of Red Danish, & of **Black Pied** Lowla- 083495
Dimensions & forms of body of **Black Pied** 084901
Friesians in breeding German **Black Pied** [c- 084941

PIERIDAE
of auroral spot (**Lepidoptera, Pieridae**). 090556

PIERIS
of Bacillus thurin giensis. [**Pieris brassicae,** 090037
of common cabbage **butterfly, Pieris** rapae c- 090041

of common cabbage **butterfly, Pieris** rapae c- 090042
chemical insecticides. [**Pieris rapae,** plutella 090012

PIGEONPEAS

Genetic studies in **pigeonpea.** II. N. Black x 087151
to bacterial fertilisation. [**Pigeonpeas**]. 091849

PIGEONS

Pigeons: a neglected rearing. 083918
Buchholz, 1869 of **pigeons** with **Dietreen.** 090273
infection in **experimental pigeon.** 085357
Drinking & bathing in **pigeon houses.** 091233
A study on genetic variability in **pigeon pea** 086861
Genetic studies in **pigeon pea.** V.I. Leaflet s- 086974
Ornithosis of **pigeons** & its **transmission** to 085517

PIGMENTS

of acid mucopolysaccharide in **pigment.** 084375
Light-induced transformations of **pigments.** 087196
Light-induced transformations of **pigments.** I 087921
Pattern of **anthocyanin pigment** in Indian c- 086712
A survey of **anthocyanin pigments** in seedli- 087708
Anthocyanin pigments of sour cherries. 088087
for estimation of total **carotenoid pigments** 083787
studies: light-induced **pigment changes** in Po- 087472
of light on **pigmentation** in **developing** maize 087797
Pigments in **egg** yolk. [Animal nutrition]. 083521
combined melanic & **lipofuscin pigmentation** 084189
Seasonal variation of **pigments** in **needles,** a 088298
Photoreversible nature of a **pigment system** 087475
B-995 on growth & **pigmentation** of **tobacco** 087692

PIGS

on elimination of radiocesium in **pigs.** 083378
Save more **pigs.** 083953
Nose ringing of **pigs.** 5th ed. 083984
Travelling with **pigs.** 084000
Early weaning of **piglets.** 084017
in islets of Langerhans in pancreas of **pig.** 084025
function & lymphocyte circulation in **pig.** 084040
Some effects of enforced exercise on **pigs.** 084146
changes in skull, mandible & teeth of **pigs.** 084206
temperatures on oxygen consumption in **pig** 084267
on thermoregulatory behaviour in **pig.** 084268
fistulae for study of digestion in **pigs.** II. Es- 084315
Evaluation of laboratory tests. [**Pigs**]. 084457
Artifical rearing of **pigs.** 4. replacement of b- 084460
crude protein & amino acid doses in **piglet.** 084637
fattening plant AT-type for 2640 **pigs.** 084642
Feed formulation for **piglets.** 084699
effect of pregnancy on corpus luteum in **pig:** 084844
Contact sensitivity in **pig.** 084988
fistulae for studies on digestion in **pigs.** I. E- 085129
rubidus & Oesophagostomum spp. in **pigs.** 085298
Escherichia coli strains of group O149. [**Pigs**] 085482
eosinophilica (ascaridica?) suis. [**Piglets**]. 085542
of some infective enteritis of **piglets.** 085573
Reproductive disorders in **pigs.** I. Diagnosis 085655
Onset of fever in a **pig.** 085657
An unusual case of lymphosarcoma in a **pig.** 085664
on elimination of radiocesium in **pigs.** 085744
fattening plant AT-type for 2640 **pigs.** 091283
equipment for distribution of forages to **pigs** 091414
in intestinal wall of rabbits & **pigs.** 084032
of vitamin "A" in serum of **piglets.** 084339
with -Japanese lysine. 1st report. [**Pigs**]. 084456
of boars in industrial production of **piglets.** 084959
Active immunization of **pigs against** Salmon- 085228
against hog cholera in weaned **piglets aged** 085548
Growth & development of **baby pigs** with ca- 084696
Peas (Pisum) as feed for **bacon pigs;** dehull- 084479
Effect of length of fasting of **bacon pigs** befo- 084693
dimensions for heat installation in **pig barns** 091280
of gilts from feedlots for **breeding piglets.** 084950
Topcrossing in **pig breeding.** 084971
application of glypondin in **pig & broiler** fat- 084736
in blood serum of **calves, piglets** & dogs after 084348
preparations in **cattle, pigs** & sheep, with sp- 085239
coli 0157 from **pigs** with **colibacillosis** in Ca- 085313
Comfortable pigs thrive better. 083946
Crossbreeding for **commercial pig** producer 084815
Good **pigs** of to-day is our aim for tomorrow 082523
content of sorghum grain in **pig diets.** 084440
cholinesterase activity in **piglets** of **different** 084355
Prevalence of "clutch" sampling. [**dogs, pigs** 085139
of dominance hierarchy in **domesticated pig** 084046
behaviour & leadership in **domesticated pig** 084112
Response of **dwarf pig** to a heat load at diff- 084085
cultures of 28 (+3) days old **pig's embryos.** 084885
dehydrogenase] in **pig-erythrocytes.** 084362
research of **eggs** of parasites in **pig faeces.** 085222
Dried sugar beet slices for **fattengin pigs.** 084686
on performance of growing--**fattening pigs.** 084397
rapeseed oil meals for **fattening pigs.** 084683
synthetic amino acids in **fattening pigs.** 084684
potatoes by dried potatoes in **fattening pigs** 084685
piglets & early growing self-fed pigs. 084578
Pig feeding during different stages of growth 084438
ovulation & to obtain ova in **female pigs** of 084808
Development of muscle fibers in **fetal pig.** 084833
Use of **germ-free piglets** in study of lympho- 084039
temperature on gel formation in pig-gastric 084140
in various concentrations to **growing pigs.** 084388
Nutritive value for **growing pigs** of single cell 084389
in composition of diet of **growing pigs.** 084426
of utility wheats for starting-**growing pigs.** 084499
High moisture grains for **growing pigs.** 084500
supplements for starting-**growing pigs.** 084506
supplements in diets for **growing pigs.** 084507
Cooper levels in diets for **growing pigs.** 084562
of feeding lysine in solution to **growing pigs** 084583
Amino acid requirement of **growing pigs.** I. 084692
Cadmium-induced anemia in **growing pigs:** p- 085691
Local antigenic stimulation of **guenea-pig** m- 085059
Infertility in female **guinea pigs** injected wi- 084797
regression of corpus luteum of **guinea-pig.** 084868
Diseases. [**Guinea pigs**]. 085211
in experimental infection of **guinea pig** with 085339
studies on citrate synthase from **pig heart.** 084093
with nurse rearing by **hysterectomy piglets.** 083997
J chain in **pig immunoglobulins.** 084166
of gastroenteritis in **industrialised pig** reari- 085702
Circum-oval precipitin test in **pigs infected** 085358
of colientertoxemia in **piglets** with **inhibited** 085715
Infertility in female guinea **pigs injected** wi- 084797
of non-milk protein for calf, **lamb, pig** & foal 084408
stimulation of guenea-**pig mammary** gland. 085059
protein supplement for **market pigs.** 084488
studies with boars as potential **market pigs.** 084489
New **pigs** for new **markets.** [Great Britain]. 082342
diets for mechanically-fed **neonatal piglets** 084578
picture of cerebro-spinal fluid in **normal pig** 084376
of some organs & tissues of **normal piglets** 085801
Crossbreeding for commercial **pig produceer** 084815
animal health in **piglet production.** A field s- 083915
tenebrionidae: genus **Pseudoperichilus** Pic (091036
houses & its significance in **raising piglets.** 091285
of fatal diarrhea in artificially **reared piglets** 083959
Piglet rearing tests with & without fish flour 084620
gastroenteritis in industrialised **pig rearing** s- 085702
or contemporary. [**Ruminants, pigs**]. 083999
enzootic pneumonia of **pigs** with a **SEP**-for- 085322
gastrointestinal nemathodes in **pigs** in **small** 085430
exertional myopathy in **pig--studies** on its p- 085764
overload in weight gain of **sucking piglet.** 084614
Comfortable **pigs thrive** better. 083946
in tissues of tetracycline-**treated pigs.** 084030
of 14C-histamine in goats & **pigs treated** wi- 084035
in vitro & on response of **pigs** to an **ulcer** in- 085603
clutch" sampling. [dogs, **pigs, veterinary** me- 085139
diarrhea in artificially reared **piglets weaned** 083959
against hog cholera in **weaned piglets** aged 085548
diarrhea in artificially reared **piglets weaned** 085690
on weight of their **piglets** during **weaning.** [085536
digestive tracts of post-**weanling pigs.** 085406
on matabolism of newborn & **young piglets.** 084286
Intestinal defence in **young pig:** a review of 084350

PIGSTY

Metal sty: anachronistic or contemporary. 083999

PILE

of a box storehouse in a **pile storehouse** with 091273

PILOT

"shelled **almond pilot** scale study application 090179
Pilot plant evaluation of individual quick bl- 083790

PINACEAE

firma S. et.Z., Japanese fir) & Tsuga (**Tsuga** 086673
differentiation of cambium in **Pinaceae.** 086723
Tsuga heterophylla, Pinus **banksiana, Thuja** 086259
in western Washington. [**Corylus, Thuja**]. 089236
monticola, Pseudotsuga **menziesii, Thuja** pli- 089575
in New South Wales. [**Callitris robusta**]. 086047

PINEAPPLES

studies on intercropping in **pineapple.** 082063
Seynes) von Hohn, a parasite of **pineapple.** 089145
their interactions in nutrition of **pineapple.** 091939
of peat soils & its effects on **pineapple.** 091940
Pineapple in **Angola.** 083739
Pineapples in **Azores;** observations & resear- 088898
green spotting of **pineapple** by **bisexual** race 090049
Development of Malayan **canned pineapple** 082433
commerce of **canned pineapples** & processed 082560
Development of Malayan **canned pineapple** 083813
Evaluation of **pineapple centrifuge** underflow 084529
Some **common pineapple** cultivars of West 088816
trends & problems in **pineapple culture.** [M- 082144
Economic aspects of **pineapple culture** in " 082218
of carbon dioxide by **mature pineapple** plants 087953
dips for protection of **pineapple plants.** 089459
infecting sugarcane & **pineapple** in **Puerto R-** 089166
Economic production of **quality pineapples.** 082298
emergence herbicides on **young pineapple.** 089692

PINENE

Effect of alpha-**pinene exposure** on trans-ve- 090750

PINES

to cultivation & planting of **pines according** 086083
On **Austrian pine** (Pinus nigra) in Lower A- 086003
Studies on ecology & control of **pine bark** b- 090157
process of thinning stands of **pine basing** up- 086081
quantitative characters of **Benguet pine.** [Pi- 086055
Rosin size prepared from **Benguet pine** oleo- 086214
On extension of **black pine** cultivation in sil- 086060
Siberian **pine, cedar** of Siberia. [Pinus]. 086084
from tapped & untapped trees in **chir pine** 086032
of sea & destruction of **pines** on **coast** of Ra- 085832
Seed losses reduced in Virginia **pine cones** 086088
On extension of black **pine cultivation** in sil- 086060
influencing occurrence of white **cypress pine** 086047
influence on slash **pine development** in Flor- 086025
studies in a native Scots **pine ecosystem.** [P- 086681
Growth of radiata **pine following** thinning. 088256
studies on coccoid bacteria in a **pine forest** 091741
Age structure & productivity of **pine forests** 085879
pines at various densities in **pine forests** of 085880
content of ash components in **pine forests** of 091490
of O-acetyl groups in **pine glucomannan.** 086249
Must **Honduras pine** be weeded frequently in 089731
observation on behaviors of **Japanese pine** 090139
Ecology of **knobcone pine** in Santa Ana Mo- 086652
of juvenile characteristics in **loblolly Pine** (086075
of two oleoresin systems of **loblolly pine.** [P- 088262
fluoride & lead on growth of **loblolly pine** & 085824
nonmycorrhizal **lodgepole pine** seedlings. [P- 088251
after planting of dormant **lodgepole pine** se- 088255
size-related response of **lodgepole pine** to in- 090108
harmful to **pines** in **Madagascar** (Lepidopte- 090160
Increase of production in **pine monocultures** 086044
Biology of **pine moth,** Dendrolimus spectabi- 090140
Thecodiplosis brachyntera, on **mountain pine,** 090103
Siberian pine, pitch-pine, & **mugo pine.** [Lar- 086685
Effect of **pine needle** scale on photosynthesis 090119
size prepared from Benguet **pine oleoresin.** 086214
brachyntera, on mountain **pine, Pinus** mugo 090103
species: Larch, Siberian pine, **pitch-pine,** & 086685
Yield of unthinned red **pine plantations** at 085901
in mature semiarid site **ponderosa pine.** [Pi- 088248
mistletoe in a heavily used **ponderosa pine** r- 089730
Growth of **radiata pine** following thinning. 088256
in a heavily used ponderosa **pine recreation** 089730
Yield of unthinned **red pine** plantations at 085901
of white cypress **pine regeneration** in New 086047
Features of **pine renewal** in north-taiga logg- 085999
horizon under influence of **pine roots.** [Pinus 091489
colour & strength of **pine sapwood** & beech- 086153
on behaviors of Japanese **pine Sawyer** adult, 090139
of generative organs in **scotch pine.** [Pinus 086791
pinastri] needlecast of **Scotch pine** in Ohio. 089234
of Eulachnus agilis & injury to **Scotch pine.** 090128
suitability of a stand of **Scots pine.** [Pinus s- 086679
pollen studies in a native **Scots pine** ecosyst- 086681
pigments in needles, a study of **Scots pine** & 088298
Effect of **Scots pine** stands in Zahorie area 091664
soils under young cultures of **scots pine** (Pi- 091754
needle scale on photosynthesis of **Scots pine** 090119
nonmycorrhizal lodgepole **pine seedlings.** [P- 088251
planting of dormant lodgepole **pine seedlings** 088255
White **pine shoots:** roles of gravity & epinas- 088244
Siberian pine, cedar of Siberia. [Pinus]. 086084
coniferous species: Larch, **Siberian pine,** pit- 086685
Effect of tapping on growth of **Siberian pine** 088239
volume & fresh weight of planted **slash pine.** 085983
fertilization influence on **slash pine** develop- 086025
on seed mold & germination of **slash pine** s- 088996
Spray inoculation of **slash pine** with Cronart- 089216
fertilization influence on **slash pine** develop- 091881
promisiing from 1/4-in **southern pine** venee 086134
properties of boards from **spruce, pine** & be- 086155
Variability of resin production in **pine stands** 086188
Effect of Scots **pine stands** in Zahorie area 091664
of removing pole-blighted western **pine trees** 089575
promisiing from 1/4-in southern **pine venee** 086134
Seed losses reduced in **Virginia pine** cones 086088
Ovicidal effect in white **pine weevil,** Pissodes 090107
White **pine weevil:** a rearing procedure & ar- 090124
Ovicidal effect in white **pine weevil,** Pissodes 090495
of removing pole-blighted **western pine** trees 089575
White pine shoots: roles of gravity & epinas- 088244
Ovicidal effect in **white pine** weevil, Pissodes 090107
White pine weevil: a rearing procedure & ar- 090124
Ovicidal effect in **white pine** weevil, Pissodes 090495
Formation & productivity of **young pines** at 085880

PINK

Status of **pink boll** worm in Gezira, Sudan, 089948
to full-grown larvae of **pink bollworm,** Pecti- 089887
Pink bollworm: chromosomal damage & rep- 089914
termination of diapause in **pink bollworm.** L- 090804
Pink discoloration in Cheddar cheese. 083324

PINUS

of tests within State Forest Bautzen. [**Pinus** 086081
Siberian pine, cedar of Siberia. [**Pinus**]. 086084
of instars ina sawfly, Diprion similis. [**Pinus** 090123
under long-day conditions. [**Pinus**]. 090140
of instars ina sawfly, Diprion similis. [**Pinus** 090646
under long-day conditions. [**Pinus**]. 090729
resistance in 1967. [Picea **abies, Pinus,** Pop- 085836
Ana Mountains, California. [**Pinus attenuata**] 086652
Tsuga heterophylla, **Pinus banksiana,** Thuja 086259
meiotic microspores of **Pinus banksiana.** 086769

Provenance trials of **Pinus contorta** in Neth- 086048
lodgepole pine seedlings. [**Pinus contorta**]. 088251
lodgepole pine seedlings. [**Pinus contorta**]. 088255
with Europhium clavigerum. [**Pinus contorta** 090108
miner in central Oregon. [**Pinus contorta**, C- 090167
pine, & mugo pine. [Larix **decidua**, **Pinus**]. 086685
Original research on **Pinus divaricata** in Ne- 086050
of slash pine seed. [**Pinus elliottii**]. 088996
in Florida Sandhills. [**Pinus elliottii**]. 086025
weight of planted slash pine. [**Pinus elliottii** 085983
in northern Idaho. [Amara **erratica**, **Pinus** 090165
under influence of pine roots. [**Pinus**, **forest** 091489
Experiment in **gorwing Pinus** sylvestris L. 086037
Viviparousness in **Pinus heldreichii** Christ. 085996
in kraft pulping. [Tsuga **heterophylla**, **Pinus** 086259
characters of Benguet pine. [**Pinus insularis**] 086055
Benguet pine oleoresin. [**Pinus insularis**]. 086214
Larix gmelini, Picea **jezoensis**, **Pinus** koraie- 085823
Assam & Burma ecotypes of **Pinus kesiya** fl- 086074
gmelini, Picea jezoensis, **Pinus koraiensis**]. 085823
ribosomes from seeds of **Pinus lambertiana**. 088249
Hpok. [Pinus monticola, **Pinus lambertiana**] 090750
in western Siberia. [**Pinus, mensuration**]. 085879
forests of Ob region. [**Pinus, mensuration**]. 085880
of a mixed conifer stand. [**Pinus monticola**, 089575
Idaho. [Amara erratica, **Pinus monticola**]. 090165
ponderosae Hpok. [**Pinus monticola**, Pinus 090750
brachyntera, on mountain pine, **Pinus mugo** 090103
On Austrian pine (**Pinus nigra**) in Lower A- 086003
pine cultivation in silvosteppe. [**Pinus nigra**] 086060
Stenomidae). [Odites fotsyella, **Pinus patala** 090160
Pinus patula Schl. & Cham.--its problems & 086031
air temperature on growth of **Pinus**, **Picea** 088278
Extractives in **Pinus pinaster** wood. 086246
Terpene composition of **pinus pinaster** seedl- 088283
of constituents of **Pinus pinaster** needles. 088284
brachyntera, on mountain **pine**, **Pinus** mugo 090103
as subsidiary plant for **Pinus pinea** afforesta- 086029
host system. [Matsucoccus **pini**, **Pinus**]. 090112
of Scots pine. [Phenacaspis **pinifoliae**, **Pinus** 090119
Thinning of **Pinus plantation** on southern pa- 086019
site ponderosa pine. [**Pinus ponderosa**]. 088248
in 1967. [Picea abies, **Pinus**, **Populus**]. 085836
return in four species. [**Pinus**, **Pseudotsuga**] 088272
to host monoterpenes. [**Pinus**, **Pseudotsuga** 090172
return in four species. [**Pinus**, **Pseudotsuga**] 091642
on cell wall polysaccharides of **Pinus radiata** 086247
pine following thinning. [**Pinus radiata**]. 088256
enzymes in heartwood of **Pinus radiata**. 088263
surface-minded areas. [**Reforestation**, **Pinus**, 086091
areas beyound Urals. [**Pinus, regeneration**]. 085999
Forest Experiment Station. [**Pinus resinosa**] 085901
impedance of woody stems. [**Pinus resinosa**, 088254
minded areas. [Reforestation, **Pinus**, **Robinia** 086091
trees in chir pine (**Pinus roxburghii**, Sarg.). 086032
on growth of Siberian pine. [**Pinus sibirica**] 088239
pine forests of western Siberia. [**Pinus**, **soil** 091490
compression wood location. [**Pinus strobus**] 088244
Structure of strobic acid. [**Pinus strobus**]. 088302
reference to afforestation. [**Pinus sylvestris**] 086034
Experiment in gorwing **Pinus sylvestris** L. 086037
production in pine stands (**Pinus sylvestris** 086188
of a stand of Scots pine. [**Pinus sylvestris**]. 086679
Scots pine ecosystem. [**Pinus sylvestris**]. 086681
organs in scotch pine. [**Pinus sylvestris**. 086791
nur sery conditions. [**Pinus sylvestris**, Picea 088298
a germinability test? [**Pinus sylvestris**]. 088299
Phenacaspis pinifoliae, **Pinus sylvestris**]. 090119
injury to Scotch pine. [**Pinus sylvestris**]. 090128
broadleaved tree species. [**Pinus sylvestris**]. 091664
cultures of scots pine (**Pinus sylvestris** L.) in 091754
reference to afforestation. [**Pinus sylvestris**] 092035
of Scotch pine in Ohio. [**Pinus sylvestris**]. 089234
of loblolly pine & red maple. [**Pinus taeda**, 085824
characteristics in loblolly Pine (**Pinus taeda** 086075
systems of loblolly pine. [**Pinus taeda**]. 088262
of Neodiprion taedae linearis. [**Pinus taedae** 090136
by screen wire cages. [**Pinus virginiana**, pests 086088
on germination of kail (**Pinus wallichiana**) s- 088269

PIOPHILIDAE
of gamma-irradiated adults of **Piophila casei** 089980

PIPE
Automated pipe distribution systems. 092156
Study of groundwater flow to **drainage pipes** 092136
hydraulic calculus of pressureless **pipe-line.** 092075
polyvinyl chloride] **pipes** as a new **material** 091362

PIPELINES
of liquid feeds along a **pipeline.** 083912
installations with **flexible pipelines.** 092140
characterization of **piping shoot** from willow 086722

PIPER
potential as a spice in Ghana. [**Piper nigrum**] 088950
Phytophthora palmivora from **Piper nigrum** 089014

PIPERAZINE
methyl & a **piperazine derivative** fungicide. 089220

PIRICULARIA
new disease in Louisiana. [**Piricularia grisea** 089129

PISATIN
Induction of **pisatin formation** in pea foot r- 089201

PISCES
currently in use in Insecta & **Pisces** Z. N. 090916

PISSODES
effect in white pine weevil, **Pissodes strobi** 090107
artificial medium. [**Pissodes strobi**]. 090124
effect in white pine weevil, **Pissodes strobi** 090495

PISTACHIO
knowledge of fatty oil of **almond**, **pistachio** 088206

PISTILLATE
Sutdies on **pistillate flower** foramtion induc- 088097

PISUM
Peas (**Pisum**) as feed for bacon pigs; dehull- 084479
Flowering in **Pisum.** effect of cotyledon rem- 087954
Flowering in **Pisum:** evidence that gene Sn 087955
internode length genotype in **Pisum.** [Peas] 088130
on pea aphid, **Acyrthosiphon pisum**, & assoc- 089978
of pea aphid, **Acyrthosiphon pisum.** 090687
to gibberellin A3 in seedlings of **dwarf Pisum** 088144
in excised root meristems of **Pisum sativum.** 086708
in pod membrane of **Pisum sativum** L. [Peas 086720
of cotyledons of **Pisum sativum** L. [Pear]. 087973
in rhizosphere of pea (**Pisum sativum** l.). 088071
in cell-free extracts of **Pisum sativum** shoot 088145
Malate dehydrogenases of **Pisum sativum:** T- 088160
an aminotransferase of pea (**Pisum sativum** 088168
synthesis in cotyledons of **Pisum sativum** L. 088173
A necrotic stunt of pea (**Pisum sativum** l.), 089333
vein mosaic virus in pea (**Pisum sativum**). 089356
of isoperoxidases from **Pisum shoots.** [Peas] 088129

PITCH
species: Larch, Siberian pine, **pitch-pine**, & 086685
Course of **swarm pitch** in dependence to hive 091062

PITH
Comparative studies on **tobacco pith** & sweet 087849

PITS
of 2,3,5-triiodobenzoic acid on **bitter pit** & c- 087939
High rise--**deep pit** in-house drying of poult- 091949
progress report, 1972--73. [Open **pit mining** 092050
Cover those bunker & **pit silos.** [Silage]. 083875
A trabecula with a **vestured pit.** [Fuchsia ex- 086785

PITUITARY
in dogs caused by **pituitary abnormality.** I. 085652
Primary structure of sheep **pituitary growth** 084055
releasing factor on **pituitary** & **ovarian** funct- 084865
in sera & **pituitaries** of **ovariectomized** & in- 084136
sheep after section of **pituitary stalk.** 084741
after hypophysectomy or **pituitary stalk** sect- 084742

PIVOT
Financing & feasibility of **center-pivot** sprin- 082308
Carbohydrates (energy), **pivot point** of grass 087702

PLACENTA
prevention of retention of **afterbirth** in **cows** 084340
of non-gravid uterus & **foetal placenta** of sh- 084375
cycle in germinating **Ginkgo biloba** seeds. 087328
Effect of **placental gonadotropin** on pregnan- 084835
fertility of cows with **retained placenta.** 084354
discrimination during **placental transfer** & f- 084320
upon foetal growth rate & **placental transfer** 084801

PLAGUE
in containerized cargo. [**Plague vector**]. 090247

PLAINS
Top pear varieties can be grown in **plains.** 088777
Road maintenance on **plain** in **areas** close to 085916
types of sugar beets in **Bologna plain.** 088415
for bananas in young **coastal plain.** 088916
Waterway remodelling & flood-**plain controls** 092194
Plains cotton writes records with China sale 082442
with protection & drainage of **Danube plain,** 092119
affecting river training, & **flood plain** regulat- 092171
Flood plain regulation (including flood zoni- 092193
Waterway remodelling & **flood-plain** controls 092194
Factors affecting river training--**flood plain** 092196
Factors affecting river training **flood plain** r- 092199
performance tests in Rolling & **High Plains** 088521
years of heavy exposure in Texas **high plains.** 089919
to cotton, onions & carrots in **High Plains,** 092065
influencing yields in Great **Hunagrian Plain** 092109
on southern part of **Hungarian Plain** & prob- 086019
Calculation of **plain levelling** of lands for gr- 082489
river training, & flood **plain regulation** (incl- 092171
Flood **plain regulation** (including flood zoni- 092193
river training--flood **plain regulation.** 092196
river training flood **plain regulation.** 092199
plastic to watermelons in **Rolling Plains,** 19 092064
Households without youth in **plain rural** Yu- 082021
of less horizons of **Russian plain.** 091625
macropores in loess soils of **Russian plain.** 091627
research on drainage on **Sele plain.** 092207
drainage of Danube **plain, Vidin** region in R- 092119

PLANE
on goats. I. Effect of **plane of nutrition** on r- 084560
content gradients near a **plane of onion** roots 088083
s forelimbs during rotation in **sagittal plane** 084324

PLANKTON
Evolution of **plankton biocenosis** of Lake A- 086626
Outline of **plankton composition** of a chann- 092313
Long-term changes in **plankton** of **eutrophic** 086616
Plankton of **ponds** enriched with wastes from 087207

PLANTAGINACEAE
Ranunculus muricatus, **Plantago major**]. 089621
Biophytum sensitivum, **Plantago major**]. 089706

PLANTAIN
Storage of **green plantains.** [Bananas]. 083826
of unripe (green) & **ripe plantain** (Musa par- 083798

PLANTATIONS
cycles in a Cameroon **cacao plantation.** 087321
Cedar plantation of La Verne-Ragusse in M- 086057
agricultural machinery in **coffee plantations** 091372
sociology & change in **plantation industry.** 082645
Yield of unthinned red **pine plantations** at 085901
Thinning of **Pinus plantation** on southern pa- 086019
material & **plantation** with **poplars.** 086020
of unthinned white **spruce plantations** to age 086015
seedlings in **sugarcane plantation.** 088608
o root-stock influence in **vine-plantations** of 088808

PLANTHOPPERS
populations of smaller **brown planthopper** in 089930

PLANTS
pruning of white spruce at time of **planting** 086023
Caudiciforms & zerophytes. [**Plants**]. 086439
reserve of Pekarka near Ivancice. [**Plants**]. 086498
of view of geography & ecology. [**Plants**]. 086672
Formation of triploid "**plantlets**" in endospe- 086831
of grape vines stocks for new **plants.** 086843
Hazards of genetic uniformity in **plants.** 086864
derived from two inbred pure lines. [**Plants**] 086993
of photosystem II of photosynthesis. [**plants**] 087194
enterochromaffine cellular system to **plants.** 087204
as its molybdenum (V-VI) complax. [**Plants**] 087245
Metabolism of lower alcohols in **plants.** 087380
on K. [potassium] nutrition of **plants.** 087396
cells & developmental biology of **plants.** 087400
Oxidation of catechol in **plants.** IV. Purifica- 087417
Uptake of cadmium by **plants.** [Tomatoes, fo- 087434
Role of trace elements in nutrition of **plants** 087455
absorption of inorganic nutrients by **plants.** 087468
Phytosterols in **plants.** 087530
radioactive nuclides in soils & **plants.** 087565
Study on production of pollen by **plants.** [087572
sequence by short-term incubation. [**Plants**] 087576
of selenium in rocks, soils, & **plants.** 087596
Alkaloid transport in **plants.** 087626
from monocotyledoneous C4 [carbon] **plants** 087681
Absorption & uptake of cadmium by **plants.** 087815
carboxylase from C4 [Carbon] **plants.** [Sor- 087837
winter wheat on stages of growth of **plants.** 087876
mechanism in photosystem I of **plants.** [Peas 087972
Study of effects of water excess on **plants:** 087992
of iron with flavin nucleotides in **plants.** [Pr- 088030
accumulation of organic matter in **plants.** [088032
of growth speed & quality of **plants.** [Dahlia 088043
gas forming ammonia from animals to **plants** 088112
of pinus pinaster seedlings & **plants.** 088283
Biennials to sow in summer. [**Plants**]. 088733
Perennials from seed. [**Plants**]. 088734
Pointers on espalier. [**Plants**]. 088748
Studies on mineral ion absorption by **plants.** 088864
Scientists use water capsules for **plants.** [Gr- 088895
method of residual streptomycin in **plant.** 1. 089326
method of residual streptomycin in **plant.** 2. 089327
theory of genetic tumor formation in **plants.** 089337
of Cottbus to improve protection of **plants.** 089470
of disyston residues in soil & **plant.** [Atheri- 089903
in pot, & their translocation in **plant.** 090097
of disyston residues in soil & **plant.** [Atheri- 090340
in pot, & their translocation in **plant.** 090397
gas forming ammonia from animals to **plants** 090748
in soils on potassium supply to **plants.** 091607
radioactive nuclides in soils & **plants.** 091704
of selenium in rocks, soils, & **plants.** 091755
Uptake of cadmium by **plants.** [Tomatoes, fo- 091934
Studies on mineral ion absorption by **plants.** 091965
Best nutrition reservoir for **plants.** [Waste u- 092294
transfomation products. 17. [**Plants**]. 087195
of cell wall polysaccharides in **plants.** 087569
About need of water for **plants according** to 092086
of humus compounds **affecting plant** organi- 087313
of photoperiodic dosage & **plant age** on rice. 087698

root performance of **agricultural plants** in di- 087228
Expeditions from Lake Garda. [**Alpine plants**] 086343
Tropical **American plants.** XIII. 086516
Tropical **American plants.** XIV. [Rondeletiae 086522
Plant analysis main guide for fertilization. 092010
Differences in **anatomy, plant**-extracts, & m- 089315
for studying clustering of **plant** or **animal** sp- 082498
heterochromatin in **plant** & **animal** chromos- 084141
causes, biological effects on **plants, animals** 092387
dioxide by mature pineapple **plants, Annas** 087953
suburban zone. [**Plants, antibiotics**]. 088241
on known or potential **antitumoral plants** by 087198
on known or potential **antitumoral plants** by 087201
Plant antitumour agents: colubrinol acetate 087345
source of income. [Honey **plants, apiculture**] 082280
chemical studies of **aquatic plants** from Min- 087443
Antimicrobial effects of **aquatic plants** from 087444
coagulation effects of **aquatic plants** from M- 087448
of Rhizoctonia solani to **aquatic plants.** [We- 089187
Natural Resources & its role in **aquatic plant** 089651
Increasing efficiency of **aquatic plant** manag- 089653
Aquatic plant problems in Walla Walla Dist- 089663
of Rhizoctonia solani to **aquatic plants.** [We- 089705
Plants new to **arizona** flora. IV. 086352
Plant arrangement & trunk count reduction 085811
Soil test parameters for **assessing plant**-avai- 091749
network of soils & **plant associations** of Gre- 086687
Silver jubilee of **Austrian plant** protection l- 082632
curves for characterizing **plant-available** pot- 091499
Can **plant available** calcium be determined in 091585
test parameters for assessing **plant-available** 091749
movement of bacteria in **plants** of **bacterial** 089315
Phenological studies of **banana plant.** 088010
on internodal response of intact **bean plants** 087986
mixed with soil. [Siratro **beans, plant** risidu- 091982
of some alkaloid-**bearing plants** during adap- 087379
photosynthesis of sugar **beet plants.** 087784
Biochemical plant ecology. 086692
for advancement of **plant breeding.** 086919
forms of potatoes for use in **plant breeding.** 086949
Experimental mutagenesis & **plant breeding** 086958
Art & science of **plant breeding.** 086978
Practical uses of mutation in **plant breeding** 086994
Shlomi--Israel's corn man. [**Plant breeding**] 087065
of state farms in **plant breeding** & seed pro- 087113
Methods of **planting Bromus** inermis. 088511
arid-zone species. [Australia, **Browse plants**] 087906
Hibernation of tarnished **plant bug** Lygus r- 089947
Susceptibility of certain sugar-**cane plant** va- 089956
of cytoplasmic streaming in a **plant cell.** [Ni- 087290
Isolation of **plant cell** wall preparations with 087769
of interphase nucleoli in **plant cells.** [Onions 088017
exchange curves for **characterizing plant**-ava- 091499
profitability of measures of **chemical plant** p- 089446
Second blooming & fruiting of **chestnut plant.** 088099
Summer grove practices. [**Citrus, plant** prot- 089462
of Phyllocnistis citrella in **citrus plants.** 090043
A moss-stick for **climbing plants.** 088739
Results of **close planting** experiments with 088913
A list of **plants collected** by Chiba Universi- 086329
in northwestern Brazil. [**Plant collecting**]. 086311
in Australian native **plant communities** & si- 086381
Production tests in **plant communities** of m- 086619
Succession of **plant communities** in foothills 086659
Life form succesion in **plant communities** on 086660
nutritive value of major **plant components** of 087716
studies on viruses of **plants** in **Compositae** in 089365
Condiment plant culture & management. 2. 088559
Temperature control of **plant containers** un- 088048
food industry. [Dairy **plants, contamination**] 083338
Cesium, radioactive **contamination, plants**]. 087574
Controlling plant height in sunflowers with 087724
with parts of Triazin for **controlling plants** 089723
Fertilization process in **cotton plant** Gossyp- 087168
in balance of ash elements in **cotton plants** 087736
Systemic fungicides, **Cotton plants**]. 089169
Effect of soil insecticides on **cotton plants.** 089863
Aphis gossypii glover infesting **cotton plants** 089875
Infestation of **cotton plant** by spiny bollwo- 089953
yield & fibre properties of **cotton plants** gr- 087912
for straw, grain & oil yielding **plant crops,** 088539
Houttae, doctor of **cultivated plants** & expert 086280
Biological activity of some **cultivated plant** 087201
Report on diseases of **cultivated plants** in E- 089492
Plant cultivation & integrated plant protect- 088371
to animal industry. [Forage **plants, culture,** 082309
Condiment **plant culture** & management. 2. 088559
Some thoughts on **cushion plants.** 087213
Epoxyoctadecanoic acids in **plant cutins** & s- 087518
Work hygiene in food industry. [**Dairy plan**-s, 083338
Effect of **planting date** & different cycles of 089955
by cycloheximide in long-**day plant** Hyoscy- 087563
frequency of chlorophyll **defective plants** in 086872
Plant development & yield on mountain gra- 088536
Nutritional effect of animal & **plant diets** on 090794
Role of **different plant** stem tissues in trans- 087375
of dry matter production in **different plant** 087667
chloroplasts in **plants** with **different** drought 088034
transaminase isozymes in **diploid plant** Ste- 086869
of sweetpotato adapted to **direct planting.** 086988
of breeding materials for **direct planting** sw- 086989
Verticillium dahliae. [Wilt **diseases, plants**] 086875
identification of **plant diseases.** 089452
of prediction & prevention of **plant diseases** 089511
of classes to rate severity of **plant diseases.** 089543
retention caused by power **plant Djerdap** in 082009
Dock plants in alfalfa & clovers. [Rumex, w- 089690
content, & growth after **planting** of **dormant** 088255
an introduction, [Lophophora, **drug plants**] 086471
agents: Structure & activity. [**Drug plants**]. 087350
now is still time for **plants** of **early** spring f- 088952
Maria raised-beach systems. [**Plant ecology**] 086647
delta of Syr-Darya River. **Plant ecology.** 086657
main trends & prospects. [**Plant ecology**]. 086658
areas of Carpathians. [Fagus, **plant ecology**] 086674
Prefecture. III. Nagai moor. [**Plant ecology** 086688
Biochemical **plant ecology.** 086692
Plant ecolysones: discovery & sources; new 087408
tests on effects of **plant ecolysones** on insec- 089801
on insecticidal effect of **plant ecolysones.** 089802
Tylenchida) from Iran. [**Economic plants**]. 089453
pests of West Africa. [**Economic plants**]. 089569
century of orchidaceous **plants, edited** by J- 088578
Endogenous plant growth substances in deve- 087932
Pilot **plant evaluation** of individual quick bl- 083790
overevolution. [Paleobotany, **plant evolution** 086324
meat works as an **experimental plant.** 083412
Groundwater regulation **experimental plant** 088391
Results of close **planting experiments** with 088913
Differences in anatomy, **plant-extracts,** & m- 089315
areas of Carpathians. [**Fagus, plant** ecology] 086674
Large-capacity **fattening plant** AT-type for 084642
Mulch **first, plant** second, & vegetables grow 091904
time to breakdown of heated **fleshy plant** ti- 083801
Some mite problems of **flower plants** in Ha- 090018
New or noteworthy **flowering plants** form e- 086465
Horticulture of **flowering plants** for sightsee- 088556
Quality problems of **fodder plants.** 084483
Control of root mealybugs on **foliage plants.** 090008
Food plants. [Nutrition, plant proteins]. 082975
digestion & utilisation of **food plants** by lar- 089763
treatment of wastewater from **food plants** w- 092336
treatment of wastewater from **food plants** w- 092337
ensiling, & haymaking. [**Forage plants**]. 083676
Mineral content of **forage plants** from Rein- 087717
New pasture varieties. [**Forage plants**]. 088320
management, & yeilds in 1972. [**Forage plant**] 088391
CRF-2,1 when harvesting **forage plants.** 091416
of use to animal industry. [**Forage plants,** cu- 082309
New or noteworthy flowering **plants form** e- 086465
Plant for **formulations** of insecticides. 090336
methods of obtaining virus-**free planting** sto- 089402
Pollination & **planting** of **fruit** trees. 088211
studies on sclerotia of rice **plant fungi:** on sc- 089256
Insecticides, **fungicides, plant** growth regula- 082872
in host: parasite relations. [**Plants, fungus** d- 089045
Production techniques on **garden plants.** 9. 088554
Lilium as a **garden plant.** 088940
Production techniques on **garden plants.** 9. 091791
Starting with seed. [**Plants, gardens**]. 088741
a pioneer Alberto Pirovano. [**plants, genetics**] 086977
Oil content & herb yield of **geranium plants** 088220
process in cotton **plant Gossypium** hirsuta- 087168
of riboflavin glycosides by **plant grains.** 087816
barley & several other **plants** in **Gramineae, Plant grass** in fall. [Lawns]. 089360
temperature treatment of **plants greatly** enh- 088707
of drying conditions for **green plants,** predri- 089419
phytochrome switchmaster of **green plants.** 083906
Salt uptake in **plants grown** at constant high 087382
fibre properties of cotton **plants grown** under 087240
Plants to **grown.** [Gardens]. 087912
Parathion residues in tomato **plants grown** in 088712
Insecticides, fungicides, **plant growth** regula- 090320
Mutations & **plant growth** substances. 082872
solution of some water supply, **plant growth** 086964
influenced by environment & **plant growth** r- 087322
present in white light. [**Plant growth**]. 087355
Effect of some **plant growth** regulators on r- 087392
of radiclonic acid, a new **plant growth**-regul- 087573
Endogenous **plant growth** substances in deve- 087608
ultrastructural effects of **plant growth** subst- 087932
Postharvest effects of **plant growth** regulato- 087969
implications of water levels on **plant growth** 088902
Influence of **plant growth** stage & environm- 089659
solution of some water supply, **plant growth** 089724
Plant hairiness in Allen cotton (Gossypium 092097
Nicotiana & characteristics of **haploid plants.** 086917
technique for control of **harmful plant** lice in 087782
Inheritance of **plant height** & flowering dur- 090170
Controlling **plant height** in sunflowers with 086844
or leaf nucleic acid to **herbacious plants.** [E- 087724
chiasmata in maize **plants heterozygous** for 089335
antiphage substances in **higher plants.** 087062
renatured DNAs of some **higher plants.** 087197
Action potentials in **higher plants.** [Mimosa 087284
natural substances from **higher plants.** 087303
in transfer of substances in **higher plants.** 087351
Enzyme degradation in **higher plants:** phos- 087376
in ribonucleic acid of a **higher plant.** [Rice] 087385
benzopyrene-1,2-carbon 14 by **higher plants.** 087683
of nuclei into protoplasts of **higher plants.** 088208
different grain numbers per **planting hole** on 088233
important source of income. [**Honey plants,** 088400
082280
giant balsamine. [Impatiens, **honey plants**] 086341
of pollen by plants. [**Honey plants**]. 089511
natural & cultural story of last **honey plant** 087572
of early spring flowering. [**Honey plants**]. 088951
sweetclover--valuable **honey plants** of Donets 088952
Honey plant potential of Amazon Region in 088969
of vegetative buds for use in **plant hormone** 091079
Plant hormones & DNA synthesis: evidence 087550
Study of parasitic fungi & their **host plants.** 088174
hirsutum). [Breeding, Empoasca, **host plant** 086585
Study of parasitic fungi & their **host plants.** 086917
alfalfa mosaic virus, in different **host plants,** 089268
of Manduca moths as a factor in **host plant** 089401
with respect to its alternative **host plants** in 089905
Dendroctonus ponderosae, **host plant** resist- 090090
Host plant nutritive value & variable number 090108
Coleoptera) & their **host plants** during succ- 090123
of Manduca moths as a factor in **host plant** 090409
Host plant nutritive value & variable number 090645
with respect to its alternative **host plants** in 090646
Air-layering for **house plants.** 090802
Influence of **plant hydrocolloids** on stabiliza- 088742
in long-day **plant Hyoscyamus** niger during 083279
of Triazin for controlling **plants impairing** c- 087563
Plants as **incicators** of air quality. [Pollution 089723
Weeds as **indicator plants** of microrelief of 089505
Planting indicators in ecology. 086620
smoking & cooking in **industrial plant.** [Me- 086668
Pneumonia associated with **inhaled plant** m- 083417
of air quality. [Pollution, **plant injuries**]. 085564
concentrations in urban areas. [**Plant injuri-s,** 089505
of morindone & alizarin in **intact plants** & c- 089475
Plant cultivation & **integrated plant** protect- 087514
Possibilities of **integrated plant** protection in 088371
People-**plant interaction:** A new horticultural 089582
New or **interesting plants** from Southeast A- 088573
Plant introduction & reseeding in mulga zo- 086337
in spinach cultivars & **plant introductions.** 088527
roots of sweet potato **plants, Ipomoea** batat- 088003
A typical **iron plant:** Urtica dioica. 088215
Redox potentials of two-**iron plant** & algal f- 087250
Etymological studies on **Japanese plant**-na- 087255
Biflavones in leaves of two **Juniperus plants** 086436
of some nutrient elements in **jute plant.** 088287
orchard & energy balance of **plant leaf.** 089583
coefficient of seeds of **leguminous plants.** 086654
trade, & consumption of **leguminous plants.** 087298
technique for control of harmful **plant lice** in 088484
of phenolic acids in **plants** by **liquid** chroma- 090170
growth during decomposition of **plant litter.** 087419
mirabilis: a most remarkable **living plant** fr- 087309
of dissimilar sperm of high-**loss plants** in do- 086487
embryo sac development in high-**loss plants.** 087078
from wastes with help of **lower plants.** [Alg- 087081
diseases of **plants** in **Maharashtra** State (In- 087362
mays genome with monosomic **maize plants** 086597
of bivalent chiasmata in **maize plants** heter- 087058
utilization of nutrients in **maize plants.** 087062
nutritive value of **major plant** components of 088390
species of hibiscus & **malvaceous plants** regu- 087716
efficiency of aquatic **plant management** thro- 088192
as affected by genetic **markers, planting** me- 089653
quality control of seed & **planting material** 086890
associated with inhaled **plant material** in sw- 082870
ash matters from one lot. [**Plant material**]. 085564
Recommended **planting material**-1972. [Rub- 087584
Mechanical planting of grasses. 088973
investigation of **medicinal plants.** X. Analysis 091415
Seeds of **medicinal plants.** 087453
microscopic images of **plant membranes.** [T- 088945
of reniform nematode on **merigold plant.** [R- 087713
for initiation with **plant messenger** RNA. [089468
Planting method, plant population influence 088173
by genetic markers, **planting methods,** locat- 088461
of protein percentage in **plant milk** supplies 086890
on b-cytochromes of **plant mitochondria:** Ox- 083319
formation in **plant mitochondria.** [Kidney b- 087251
Shelterbelts protect **plant moisture.** [Field c- 089541
of stamens in normal & **mutant plants.** 087867
Notes on source of Japanese **plant-name** "F- 086854
beans & citrus skin in 1971 **national plant** s- 086436
cinnamomi Rands in Australian **native plant** 090311
Germination responses of **native plant** seeds 086381
South Carolina **native plants** for home lands- 087622
Plant nitrogen metabolism & calcium or pot- 088903
rye relative to various **planting norms.** 087289
Notes on new & **noteworthy plants.** LVIII 088540
Notes on new & **noteworthy plants.** LIX. 086512
Notes on new & **noteworthy plants.** LX. 086539
Plants for **novices.** [Adromischus]. 086547
Plant nucleases. IV. Genetic control of ribo- 088464
vegetables, ornamental **plants, nurseries**]. 086868
Studies on "sugar beet **nursing plant**". 1. O- 082217
from sewage sludge used as a **plant nutrient** 088427
Food plants. [**Nutrition, plant** proteins]. 087670
Introduction to **plant nutrition.** 15. 082975
research, food additives, **plant nutrition.** 087209
Host **plant nutritive** value & variable number 088818
of agricultural crops. II. **Oil plants** & legum- 090123
Salt tolerance of grape, guava & **olive plants** 088523
A second century of **orchidaceous plants,** edi- 087929
matter & its distribution in **plant organism.** 088578
087649

humus compounds affecting **plant organisms** 087313
macromolecule complexes in **plant organs** of 087920
Hesse. [Fruits, vegetables, **ornamental plants,** 082217
on growth & flowering in **ornamental plants** 087927
Propagation of **ornamental plants** under mist 088199
of young trees. [**Ornamental plants**]. 088595
Hesse. [Fruits, vegetables, **ornamental plants,** 088616
Pseudococcidae on **ornamental plants.** 090011
Outwitting plant pests. 089793
overevolution. [**Paleobotany, plant** evolution 086324
Effect of two **plant-parasitic** nematodes on 089197
Plant parasitic nematodes (Tylenchida) from 089453
Effect of two **plant-parasitic** nematodes on 089545
Nutsedges as hosts of **plant-parasitic** nemat- 089547
fiber wastes, & chitin on **plant-parasitic** ne- 089550
of its association with **particular plant** speci- 086381
for surface-sterilizing small **plant parts.** 087621
matter production in different **plant parts** at 087667
Plant pathology in Malawi. 089560
People-plant interaction: A new horticultural 088573
different grain numbers **per planting** hole on 088400
Is Porcellio scaber Latr. a **plant pest?** 089766
in biocontrol of insects. [**Plant pests,** biolog- 089783
Outwitting **plant pests.** 089793
methods for studies of **plant photosynthetic** 087315
Pilot plant evaluation of individual quick bl- 083790
carbon dioxide by mature **pineapple plants,** 087953
dips for protection of **pineapple plants.** 089459
regard to cultivation & **planting** of **pines** ac- 086083
honey, wild honey. [**Poisonous plants**]. 083214
as incicators of air quality. [**Pollution, plant** 089505
Photosynthesis & respiration in **poplar plant** 088276
dioxide compensation points in **poplar plant** 088275
Planting method, **plant population** influence 088461
Genetical structures of **plant populations** of 086072
Genetical structures of **plant populatons** of f- 086073
for production of **plants & possibilities** of th- 091332
of shoot tip yield of heat treated **pot plants** 088929
from tuberous roots of sweet **potato plants,** 088215
during development of **potato plant** with re- 088234
Honey **plant potential** of Amazon Region in 091079
water retention caused by **power plant** Djer- 082009
economy of **plants** & for a more **precise** hyg- 082772
drying conditions for green **plants, predried** 083906
Aquatic **plant problems** in Walla Walla Dist- 089663
suitable materials in meat **processing plants** 083440
socialist intensification in **plant production.** 082146
promoting substances in **plant production.** 087311
of water & light in **plant production.** 087314
promoting substances in **plant production.** 087316
of water & light in **plant production.** 087319
Plant production of wild type plants in Ipo- 088216
socialist intensification in **plant production.** 088439
Biometrical decision aids in **plant production.** 088538
Quality storage of **plant products** in control- 083011
Shelterbelts **protect plant** moisture. [Field c- 087867
Aspects of profitability of **plant protection** 082251
Silver jubilee of Austrian **plant protection** l- 082632
cultivation & integrated **plant protection.** 088371
of measures of chemical **plant protection** wh- 089446
grove practices. [Citrus, **plant protection**]. 089462
cultivation & integrated **plant protection.** 089476
Complementary role of **plant protection** me- 089479
better than just spray. [**Plant protection**]. 089504
Aspects of profitability of **plant protection** 089521
professional application of **plant protection** 089523
Center for Tropical **Plant Protection**--its ta- 089529
preventing game damage. [**Plant protection**] 089533
Silver jubilee of Austrian **plant protection** l- 089540
Possibilities of integrated **plant protection** in 089582
chromatography proof of **plant protection** m- 090308
Development & uses of **plant protection** & 090316
in application of **plant protection** materials 090323
chromatography proof of **plant protection** m- 091059
Adjustment factors of **plant protection** impl- 091403
in application of **plant protection** materials 091843
Development & uses of **plant protection** & 092323
for choosing right **plant protein.** 082941
Food plants. [Nutrition, **plant proteins**]. 082975
controlled pumping **plants providing** pressure 092155
standardized substratums to **raise plants** for 091885
for pimiento pepper--fertilizer **rates, plant** s- 088567
Recommended planting material-1972. [Rub- 088973
New **plant records** from Goa. [Melothria le- 086438
New **plant records** for New Mexico. 086584
Plant reflectance & colour infrared photogr- 086304
of hibiscus & malvaceous **plants regulated** by 088192
ornamental growth. [**Plant regulators**]. 088046
Effect of **plant regulators** on germination of 088200
ornamental growth. [**Plant regulators**]. 089645
its role in aquatic **plant research** & control 089651
studies on decomposition of **plant residues** l- 091524
Loss of nitrogen from **plant residues** on soil 091875
Breeding, Empoasca, host **plant resistance**]. 086917
ponderosae, host **plant resistance**]. 090108
Plant ribosome-bound proteins: a fraction fr- 087962
seed weight & seedling growth in **rice plant.** 086936
phosphorus & potassium by **rice plant.** 087652
seed weight & seedling growth in **rice plant.** 087749
Cadmium uptake by **rice plant** & wheat as a- 087901
of roots & shoots of **rice plants.** 087902
Shifting of cropping season of **rice plant** & i- 088437
on lesion of sheath net-blotch of **rice plant.** 089255
Anatomical studies on sclerotia of **rice plant** 089256
Akagare disease of **rice plant.** 089517
Cadmium uptake by **rice plant** & wheat as a- 091990
of sheath net-blotch of **rice plant** & its caus- 089254
Considerations for choosing **right plant** prot- 082941
with soil. [Siratro beans, **plant risidues**]. 091982
Notes from Long Island. [**Rock plants**]. 088569
Plant root systems & crop growth. 087603
Aldrin epoxidation by **plant root** extracts. [088142
Zones of exudation along **plant roots** & spat- 087467
for stimulation of respiration of **plant roots** 087735
Interaction of shock waves with **plant roots.** 087864
Ob bottom land near channel. [**Salix, plant** 086621
citrus skin in 1971 national **plant sanitation** 090311
Ground covers labor-**saving plants.** 088575
washing of refined soybean oil: **plant scale** e- 083604
Drawings of **scandinavian plants.** 83-85. Ch- 086395
Planting by **sea.** [Gardens]. 088718
Mulch first, **plant second,** & vegetables grow 091904
measures for protection of **plants** on **securing** 089471
Germination responses of native **plant seeds** 087622
IV. Biological activity of **selected plant** spec- 087198
nutrient extraction of **selected plants.** 091804
Manduca moths as a factor in host **plant site** 089905
storage keeping in a medium **size plant.** [M- 083420
foot volume & fresh weight of **planted slash** 085983
virus from sewage treatment **plant sludges.** 092463
A method for surface-sterilizing **small plant** 087621
Bog-grassland & its **plant sociological** & eco- 086693
Assay of 89Sr [strontium] in **plant & soil** s- 087430
Soil, plants & pathogenic microorganisms. 089433
Soil-plant-water aspects of ozone phytotoxic- 089555
of urea-herbicides in **plants** & in **soil.** 089683
Assay of 89Sr [strontium] in **plant & soil** s- 091646
"out of type" **plants** in **sorghum** stands. 088416
Effects of strain, **source plant,** & temperatu- 089378
Morpholoby & development of **soybean plant.** 086735
ringspot virus-infected **soybean plants.** 089389
of herbicides & **planting** of **soybeans.** 088451
pepper--fertilizer rates, **plant spacings,** & va- 088567
inbreeding of **plants** on **special** places of sta- 086073
its association with particular **plant species** 086381
of simultaneous occurrence of **plant species** 086655
Biological activity of selected **plant species** 087198
activity of some cultivated **plant species** in 087201
parameters of leaves of 30 **plant species.** 087549
frost resistance of Picea **spruce plants.** 091923
Role of different **plant stem** tissues in trans- 087375
isozymes in diploid **plant Stephanomeria** ex- 086869
Plant stock of Novosibirsk, its health impor- 085807
of obtaining virus-free **planting stock.** 089402
Importance of grain intake & **storage plants** 083642
design of experimental cold **storage plants** f- 091253
Wind damage to **strawberry plants.** 089487
Acacia cyanophylla as **subsidiary plant** for P- 086029
land near channel. [Salix, **plant succession**] 086621
shaped silo for sugar beets in a **sugar plant** 091302
treatment of new **plants** from **sugarcane** stu- 088344
chlorosis in **plants** with use of **sulfuric** acid. 091971
Plants for **sunless** sites. [Garden]. 088723
for solution of some water **supply, plant** gr- 087322
materials for direct **planting sweetpotato.** 1. 086989
in different host **plants, symptomatology** & 089401
Hibernation of **tarnished plant** bug Lygus r- 089947
difference in frost hardiness of **tea plant** & l- 087431
Cercospora disease in **tea plant.** 089264
Relation of age of **plants, temperature,** & in- 089316
Molybdenum deficiency in **plants, 4th** ed. 089526
fertilizer application & **planting** me **thods** on 088909
Planting time of honey-yielding flora. 088946
of free & bound amino-acids in **plant tissue** 087406
to breakdown of heated fleshy **plant tissues.** 083801
in mitochondria from some **plant tissues.** 087232
of water uptake by **plant tissues.** 087266
of ethylene production in **plant tissues** by 8 088002
leaf form in **tobacco plantlets.** 087662
water rapour efflux in **tobacco plants.** 087693
on some characteristics of **tobacco plants.** 088525
of root structure in **tomato plants.** 088033
virus infection of greenhouse **tomato plant** 089331
of ozone phytotoxicity in **tomato plants.** 089555
Parathion residues in **tomato plants** grown in 090320
of virus from sewage **treatment plant** sludges 092463
in young peach & almond **tree plants** & their 087993
New **plants** from **tree** & shrub cuttings. 088730
Some problems in **planting trees** in inhabited 085998
climate on distribution of **plants & trees,** lo- 087410
of fertilization on growth of **trees planted** on 091836
in biosynthesis of **plant triterpenes.** 087580
Information Center for **Tropical Plant** Prot- 089529
chlorinated hydrocarbons by **turnip planted** 090097
Plant production of wild **type plants** in Ipo- 088216
soil moisture content on **plant uptake** of 13 087574
Plant varieties & seeds (Isle of Man) order, 088450
of certain sugar-cane **plant varieties** to bore- 089956
Biological rhythms in **plants** under **various** l- 087409
tetraploid rye relative to **various planting** n- 088540
Vascular plants of Moss Lake sanctuary--Al- 086575
of work in grape **vineyards planted** on sandy 091423
recommended for **planting** in **Virgin** Islands. 086089
Auckland **water plants.** 086490
nutrients on relative growth of **water plants** 087364
Soil-**plant-water** aspects of ozone phytotoxic- 089555
Cytoplasmic effects on **plant weight** in cross- 086930
neburon on emerging winter **wheat plants** in 087883
Sitobion) avenae (F.) on **wheat plants.** 089852
More & better feed by pelleting **whole plant** 083885
of age changes in **woody plants** by vegetative 086017
changes & diseases of **woody plants.** [Maine 089444
for growing ornamental **woody plants** in bags 088937
emulsions on soil temperature & **plant yield.** 088326
trials for straw, grain & oil **yielding plant** c- 088539
on germination of certain arid-**zone plants.** 087402

PLAQUE

of zwitterionic buffer system in **plaque assay** 085262
Plaque formation by infectious bronchitis vi- 085273

PLASMA

pepsin digestion of bovine **plasma albumin.** 084056
Plasma amino acid patterns in sheep receivi- 084073
changes in rat brain & **plasma amino** acids. 084264
Pattern of **blood plasma** & urine magnesium 084192
in concentration of copper in **blood plasma** 084768
sugar peptide fraction of **bovine plasma.** Co- 084027
Limited pepsin digestion of **bovine plasma** a- 084056
Jugular **plasma concentrations** of alpha ani- 084851
of stress on serum zinc & **plasma corticoids** 084232
hydrogen-ion concentration] **plasma cortisol** 084216
Plasma enzyme levels & erythrocyte G6P- 084126
cholinesterase from **plasma & erythrocytes** 084067
Plasma free amino acids of swine as influen- 084581
Response of **plasma glucose,** free fatty acids 084107
Plasma glutamic oxalacetic transaminase as 085264
Jugular plasma concentrations of alpha ani- 084851
on secretion of prolactin & on **plasma levels** 084137
Changes in **plasma levels** of prolactin & lute- 084741
wheat mill-fractions on **plasma & liver** chole- 082915
voluntary feed intake & **plasma magnesium** 084589
Characterization of **plasma membrane**-assoc- 087851
Changes in **peripheral plasma** progesterone 084871
Relationship between **postprandial plasma** v- 084596
Changes in peripheral **plasma progesterone** 084871
selenium] binding to rat **plasma proteins.** 082992
level & protein source of **plasma & tissue** fr- 084602
between postprandial **plasma volatile** fatty 084596

PLASMODESMATA

Plasmodesmata in **Secale** cereale L. 086807

PLASMODIOPHORA

specialization in **Plasmodiophora brassicae,** 089015

PLASMOPARA

SEE PERONOSPORACEAE

PLASTICS

Covering potato clamps with **plastic.** [Stora- 083844
vegetable culture; use of **plastics abolishes** s- 088897
Toxicity, **anti-neoplastic,** & coagulation effec- 087448
methacrylate wood-**plastic combination.** 086201
of clay, concrete & **corrugated plastic** subsur- 091260
Structural development of **plastic covered** fo- 091274
Degradable plastic mulch studies in west Te- 092062
Influence of **degradable plastic** on soil condi- 092063
Applying **degradable plastic** to watermelons 092064
Applying **degradable plastic** to cotton, onions 092065
Applying **degradable plastic** to cotton & can- 092066
Applying **degradable plastic** to cotton in tra- 092067
storage conditions by use of **plastic films.** 083805
in an air-supported **plastic greenhouse.** 087764
Use of all-**plastic irrigation** networks in Du- 091365
Plastic material in domestic horticultural p- 088936
Strength of **plastic materials** used for const- 091249
carried out on use of **plastic materials** in agr- 091366
Degradable **plastic mulch** studies in west Te- 092062
concrete & corrugated **plastic subsurface** dra- 091260
of lettuce growth in an air-**supported plastic** 087764
irrigation realized by means of **plastic tubes** 091354
Mulching with **plastics** in **vineyards.** 092039
leptolepis-methyl methacrylate **wood-plastic** 086201
heating of beef: Use of **plastic wrap.** 083433

PLASTID

structural alterations of **plastids induced** by 087127
Development of **plastid system** of ethiolated 087371

PLATANACEAE

cells of Robinia & sycamore. [**Platanus**]. 086813
American sycamore. [**Platanus occidentalis**] 086004

PLATE

microorganisms on colonization of **agar plate** 089083
phenomenon observed on **agar plate** polyoxin 089281
Studies on mechanism of Rose **Bengal plate** 085296
Tin **plate container** has considerable market- 083580
of avian blood samples in **microtest plates.** 084080

PLATEAU

research on silver fir of high **plateau Asiago.** 085930

PLATHYPENA

in central Iowa. [**Plathypena scabra**]. 089912

PLATYMONAS
on marine nanoplanktonic **alga Platymonas** 087363

PLATYPEZIDAE
Two new species of **Platypezidae form** Kenya 090954

PLECOPTERA
Leuctridae in Southern Ontario **(Plecoptera** 090576
populations of Diura bicaudata **(Plecoptera)** 090757
growth of **setipalpian Plecoptera** in southern 090761

PLECTOPTERA
Palingenia longicauda Oliv. **(Ephemeroptera** 090424
of Baetis rhodani (Pict.) **(Ephemeroptera).** 090563
May flies **(Ephemeroptera)** in trout creeks 090577
rhodani Pictet **(Insecta, Ephemeroptera)** in 090452

PLEISTOCENE
in Lower Saxony **Pleistocene lowland:** Basis 085891

PLEUROPNEUMONIA
Contagious **caprine pleuropneumonia:** a reas- 085527
parahaemolyticus] **pleuropneumonia** in **swine.** 085498
parahaemolyticus] **pleuropneumonia** in **swine.** 085499

PLEUROTUS
yield & keeping quality of **Pleurotus Florid** 088605
new facts on culture of **Pleurotus ostreatus.** 088607

PLODIA
untreated almonds. [Cadra **cautella, plodia** i- 090193
of Indian meal moth, **Plodia interpunctella** 090217

PLOTS
Landscaping **apartment plot.** 088717
regeneration by means of zero-**plot diagram.** 086028
Soil-analysis of field **experimental plots,** as 091654
at Mamurogawa experimental **forest plot.** 085933
Changes in types of **household plots.** 082131
A **plot** of **land** for home garden. [Landscapi- 088670
estimates derived from **permanetn plots** & a 085945
by using a "variable-moisture-**stress-plot"** te- 086086

PLOWS
How deep should we **plough?** 092040
Soil tillage & **plow body.** 091342
We plow with a wood-**carver plow.** 091447

PLUMS
treatments of nectarines, peaches, & **plums** 083846
by leaf analysis. II. Pears, cherries & **plums** 091989
Feeding sites of mealy **plum aaphid,** Hyalop- 090090
Purple **plum flesh** temperatures in refrigera- 083746
Plum ring-spot & shot-hole virus: A new rec- 089344
Peach, nectarine & **plum varieties.** 088684

PLUSIIDAE
Insectivorous birds **control Plusia** larvae inf- 089894

PLUTELLIDAE
chemical insecticides. [Pieris **rapae, plutella** 090012

PLYWOOD
Filipino plywood operation pre-dries veneer 086275
Fireproffing plywood. 086271
of **plywood** by use of New **Guinean** wood. 086149
Machines & devices for **plywood industry.** I 086219
Machines & devices for **plywood industry.** 086220
of material property of **lauan plywood** by ex- 086176
of surface deterioration of **lauan plywood** by 086183
Plywood trim, once waste, makes superior h- 086272

PNEUMATIC
Experiences with **pneumatic** "Accord PAS" 091464
Experiences with **"Accord Pneumatic"** seedi- 091465
computation of **pneumatic operations** utilized 086169

PNEUMONIA
Pneumonia associated with inhaled plant m- 085564
Giant **cell pneumonia** in buffalo calves (Bub- 085526
against so-called **enzootic pneumonia** of pigs 085322
in cases of **salmonellosis, pneumonia** & ente- 085456

POA
point of grass responses. **[Poa pratensis].** 087702
Bluegrass **(Poa pratensis)** disorder: fusarium 088976
bluegrass, & its control. **[Poa pratensis].** 089023
content of bluegrass leaves. **[Poa pratensis]** 089240
device & Gamet divider. **[Poa prazensis].** 083532

PODOCARPUS
of two species of **Podocarpus** in **Brazil;** 2 cl- 086402
Biflavones in leaves of **Podocarpus taxifolia** 088289

PODS
of sowing, spacing & picking of **green pods** 088890
activity & lignification in **pod membrane** of 086720
Pod quality study in avarai. [Hyacinth doli- 088625
in pigeon pea. V.I. Leaflet **shape, pod** & seed 086974

PODZOLS
Formation of a **deep podzolic** horizon under 091489
of humo-ferric, luvisolic, & **lithic Podzol** at 091549
their weathering on **soil podsolization.** 091662
Composition of humus in **Podzol soils,** Bro- 091502
of lysimetric waters in **podzolic soils.** 091700
of different soil types. part i. **podzolic soils** 091710
quality of fodder on **Podzolic soils.** 091970

POINSETTIA
studies direct rooting of **poinsettias.** [Eupho- 088826
reducing height of two **poinsettia cultivars** - 088038
environment on **poinsettia development.** [E- 088037

POISON
Practical suitability of **arsenic poison** baits 090176
to acute intoxication with **poisonous gas.** 085806
There **poison, here** forest hygiene!. 085875
honey, wild honey. **[Poisonous plants].** 083214
Gulle) with view to **reducing poisonous** & o- 091954

POISONING
Bee poisoning in England & Wales, 1971. [091105
plant protection materials in **poisoned bees** 090308
outbreaks. [Disease, **chemical poisoning].** 092451
organ in male Xenopsylla **cheopis poisoned** 090234
Differentiation of salmon **poisoning disease** 085205
Differentiation of salmon **poisoning disease** 085206
Differentiation of salmon **poisoning disease** 085207
by Staphylococcus aureus. **[Food poisoning]** 082819
Poisoned honey, wild honey. [Poisonous pla- 083214
Mycosis due to Aspergillus & **lead poisoning** 085600
Pathologic anatomy of **lead poisoning** in do- 085803
Methylmercury poisoning in Iraq. 090383
tissues of normal piglets & **piglets poisoned** 085801

POLAR
studies on role of **"polar granules"** in segreg- 090602
Polar granules of Drosophila. II. Ultrastruc- 090603
*** 090605

POLARIZATION
Polarity of **insect** segment. II. Non-specifity 090479
Polarized intercellular bridges in ovarian fol- 090655
Bee orientation in **polarized light.** [Apis mel- 091193

POLAROGRAPHY
polarographic determination of cadmium in 082692
residues by **oscillographic polarography.** 090398

POLES
Effects of removing **pole-blighted** western p- 089575
polar granules" in segregation of **pole cells** 090602
Chironomidae). 1. Anterior & **posterior pole** 090838

POLLEN
New biology of **pollen.** 087458
air as sources of error in **pollen analysis.** 086319
in its surroundings. **[Pollen analysis-** 086615
Pollen analytical studies of moors in lowlan- 086688
Quantities of **pollen** on **bodies** of insects visi- 090654
Contemporary pollen studies in a native Sco- 086681
Histochemical study of **pollen** from **crossing** 086847
Desert pollen production. I. Qualitative infl- 087239
A **pollen dispenser** & its other useful emplo- 091090
patients. [Queen bee **embryos, pollen,** honey 082971
Pollen germination & tube growth after self- 087354
of hydrogen fluoride on **pollen germination** 087933
stomatal length & frequency & **pollen-grain** 086900
Measurement of **pollen grain** size in diallel. 087043
Resistance of **pollen grains** & their degradat- 091110
Invertases of **pollen** of **Haemanthus** albiflos 088125
patients. [Queen bee embryos, **pollen, honey]** 082971
Staining **imbedded pollen** tubes. [Potato]. 088005
acid analyses. [Sorghum grain, **maize pollen** 083549
for mutation induction on **maize pollen.** 087067
Reaction of germinating **maize pollen** to Hei- 089143
ig) mutation: influence of **pollen parent** on 087055
Study on production of **pollen** by **plants.** [087572
Desert **pollen production.** I. Qualitative infl- 087239
Genetic scheme of **pollen restoration** in cyt- 086999
Inheritance of date of **pollen shedding** in a 087041
Pollen size & origin of maize. 087014
morphology & growth of **pollen** in **species** of 086781
Pollen spectrum of some honeys from Italian 083015
Pollen sterlity of mutants of soft winter wh- 087753
Simplified methods of **pollen storage** in tob- 087166
Pollen studies in genus Cordia (Boraginaceae 086348
Contemporary **pollen studies** in a native Sco- 086681
Fine sturcture of **pollen surface** of some Ta- 086823
Organic solvents as **pollen suspending** media 087030
on pollen germination & **pollen tube** growth 087933
Effect of high temperature on **pollen tube** g- 087942
Correlation of **pollen-tube** development of " 088104
Temperature effects on **pollen tube** growth in 088118
Staining imbedded **pollen tubes.** [Potato]. 088005
Meiosis & **pollen viability** in hexaploid Triti- 086891

POLLINATION
under field conditions. **[Pollination].** 090652
control & nature conservation. **[Pollination]** 091083
Behaviour of bees in relation to **pollination** 091088
Behaviour of bees in relation to **pollination.** 091101
its development. **[Apiculture, pollination].** 091081
Role of honeybees in **pollination** of **cherries.** 087957
Pollination of **chestnut** by honey bees. [Apis 088116
Crop pollination by bees & pollination fees 091087
Importance of **cross pollination** of alfalfa (087647
pear with a note on **pollination deficiencies** 088118
Pollinating experiments with honeybees in 088102
Crop pollination by bees & **pollination fees** 091087
Pollination & fruit set on Ryoal Ann in Wil- 088120
Honeybee pollination in Australia. [Apis me- 091085
bee keeping. **[Hymenoptera, pollination].** 091227
Effect of **insect pollination** on seed onion, w- 088081
Insect pollination--significance & research n- 091073
Effect of **insect pollination** on seed onion, w- 091168
of combining ability of self-**pollinating lines** 087125
Seedling vigor of **open-pollination** progenies 086906
Inheritance of post-**pollination phenomena.** 087930
Pollination & planting of fruit trees. 088211
Angraecum i. Inheritance of **post-pollination** 087930
Some **pollination problems** in mango. 087922
Seedling vigor of open-**pollination progenies** 086906
Fifteen years of lucerne **seed pollination** in 091100
of combining ability of **self-pollinating** lines 087125
Insect **pollination--significance** & research n- 091073
Artificial **supplementary pollination** trials on 088117
Beekeeping for **pollination** in **United** States. 091086

POLLINATORS
pratense L. seed. **[Insect pollinators].** 091209
methods, locations, & **pollinator species.** 086890

POLLUTANTS
Pollutant burdens in hujans: a measure of e- 092380
Effect of **different pollutants** on microbial a- 091542
of assessing effect of **pollutants** on **microbial** 091538

POLLUTION
during aerobic oxidation of sulfite. **[pollution]** 089542
of arsenic with brilliant green. **[Pollution].** 092289
Pollution: actual political or hysterical? 092350
Aquatic communities as indices of **pollution** 092381
Big breeding & **pollution.** 092382
in settling fertilizer argument. **[Pollution].** 092397
Fertilization & **pollution.** 092411
Quality of air: a study of **pollution.** 092429
Effects on surface waters. **[Pollution].** 092454
Air pollution injury of potato in Michigan. 089441
in urban areas. [Plant injuries, **air pollution** 089475
Barks as indicators of **air pollution.** 089576
Air pollution in pulp & paper industry. 092305
Air pollution, its causes, biological effects on 092387
gin in Texas stripper area. **[Air pollution].** 092434
Barks as indicators of **air pollution.** 092437
Waste, water **pollution, algae].** 092449
impact of 1972 water **pollution control** bill 092299
Pesticides: **pollution** of **environment** & foods 092385
Fertilizers & **environmental pollution;** Indian 091909
indicators of **environmental pollution.** 092373
Marine & **estuarine pollution.** 092457
measures for livestock **excreta pollution.** 2. 092301
measures for livestock **excreta pollution.** 3. 092302
biphenyls, **fertilizers, pollution].** 092359
Effects of **pollution** on **freshwater** fish. 092460
of fertilizers to **groundwater pollution.** 091983
of a channel affected by **industrial pollution:** 092313
Pinus taeda, Acer rubrum, **injuries, pollution]** 085824
Air **pollution injury** of potato in Michigan. 089441
indicators of airborne **mercury pollution.** 039450
as incicators of air quality. **[Pollution, plant** 089505
Epiphytic microphytes in a **pond polluted** w- 087208
Land reclamation & river **pollution problems** 092389
Reducing pollution of dairy effluents. 092332
Land reclamation & **river pollution** problems 092389
Polluted snow in southern Norway & effect 092343
Biological activity of soils **strongly polluted** 091709
Pollution of **surface** & ground water. 092324
Organics. [Pesticides, **water pollution].** 090403
biochemical properties. **[Water pollution].** 092290
Potential impact of 1972 **water pollution** co- 092299
South Saskatchewan River. **[Water pollution]** 092321
Potential for ground **water pollution** from l- 092329
runoff problem probed. **[Water pollution].** 092428
Paper & allied products. **[Water pollution].** 092445
Water pollution: freshwater macroinvertebra- 092448
Eutrophication. [Waste, **water pollution,** alg- 092449
metals: a review of lead. **[Water pollution].** 092458
Thermal effects. **[Water pollution].** 092459
Organics. [Pesticides, **water pollution].** 092461

POLYACRYLAMIDE
interaction of **polyacrylamide** on **clay** partic- 091595

POLYACRYLONITRILE
Polyacrylonitrile distribution in grafted star- 083667

POLYCHLORINATION
in chicken fat & **polychlorinated biphenyl-** 082680
Levels of DDT & **polychlorinated biphenyl** 090314
Polychlorinated biphenyls & polychlorinated 082699
quantitation of **polychlorinated biphenyls** in 083021

pesticides & **polychlorinated biphenyls** (PCB 090407
than pesticides. [**Polychlorinated biphenyls,** 092359
PCB [**polychlorinated biphenyls**] in water: 092435
Polychlorinated terphenyls as potential con- 082679

POLYCYCLIC
Research on presence of **aromatic polycyclic** 083538
Determination of **polycyclic aromatic** hydro- 083570
Fate of **polycyclic aromatic** hydrocarbons in 091806

POLYEMBRYONY
Polyembryony in **insects.** 090581

POLYENES
Investigation of **polyene antibiotics.** [Vertici- 089284

POLYETHYLENE
of insecticides from water on **polyethylene.** 090405
of "Hass" avocados in **polyethylene bags.** 083845
in diversely treated **polyethylene film.** 083808
sugar beets. 1. Effects of **polyethylene film** 087785
aluminum foils & **polyethylene films** on two 090013
Polyethylene glycol for purification of potato 089376
soluble sugars under **polyethylene glycol** (P- 087685
Larix seedlings in **polyethylene greenhouses** 088278
Wireworm damage to **polyethylene tubing** u- 089925

POLYGONIA
of corpus allatum in **Polygonia** c-**aureum** L. 090857

POLYGONUM
of dormancy in **Polygonum pensylvanicum** L 087243
of smartweed (**Polygonum pensylvanicum** L. 089608
of dormancy in **Polygonum pensylvanicum** L 089609

POLYHEDROSIS
A new **cytoplasmic polyhedrosis** virus from 090257
on a strain of a **cytoplasmic-polyhedrosis** vi- 091174
on virulence of a **nuclear polyhedrosis** virus 089812
Field evaluation of a **nuclear polyhedrosis** vi- 090136
pests. [Bacillus **thuringiensis, polyhedrosis** v- 089992
of turnip moth & by **polyhedrosis virus** in t- 089850
mori]-larva to some **polyhedrosis viruses** of 091178

POLYMERASES
nuclear ribonucleic **acid polymerases** during 087416
chromatin-bound ribonucleic **acid polymerase** 088155
as a component of viral **RNA polymerase.** 089423

POLYMERIZATION
Some aspects of **graft polymerization** of vin- 086251
Polymerization inhibitors for polyunsaturat- 083623
Larix leptolepis on **radical polymerization.** 086200

POLYMERS
synthesis of a hydroxy fatty **acid polymer,** c- 087679
Chelating polymers derived from cellulose & 086119
release herbicide-**polymer formulations** for a- 089662
Interactions between **organic polymers** & in- 091593
of movement of **polymers** through **soil** & the- 091597

POLYMORPHISM
Conjugation in **dimorphic chromomycosis** fu- 087413
rate & **chromosomal polymorphism** in Dros- 090427
On **polymorphism** of **cyanogenesis** in Lotus 086933
Study of **polymorphism** in **Danaus** chrysipp- 090859
properties of **polymorphonuclear leukocytes** 085307
Polymorphism of 6-**PGD** [glucose-6-phospha- 084362
Seasonal polymorphism & developmental ch- 090544

POLYMYXA
prepared for paper-pot nursery. [**Polymyxa**] 089121
beet in Kitami District. [**Polymyxa betae,** f- 089114
stage of sugar beet by **Polymyxa betae** & ty- 089122
affected by rhizomania. [**Polymyxa betae**]. 089250
Aphanomyces, **Pythium, Polymyxa**]. 089117
ten years. [**Rhizoctonia, polymyxa**]. 088426

POLYPEPTIDES
cyanophycin granule **polypeptide contained** 087412
electrophoresis of wheat **gluten polypeptides** 083656

POLYPHENOLOXIDASE
for oxygen of **polyphenoloxidase** in **grapes.** 088226

POLYPHENOLS
amino acids & **polyphenols** to **flavour** & col- 083577
Polyphenol oxidase & peroxidase activity in 089303
Polyphenols of **pomegranates.** 083769
Oxidation of **polyphenolic substances** of che- 083705

POLYPHOSPHATES
Acidic **ammonium polyphosphate** fertilizer as 091914
Soil **inorganic polyphosphates** of microbial 091693

POLYPHYLLA
SEE MOLOLONTHINAE

POLYPLOIDS
Cytogenetic studies on **artificial polyploids** 086998
apomixis & **polyploidy** in **Matteuccia** orient- 086853
Polyploids of **perennial** feedstuffs. XXII. Co- 087126

POLYPODIACEAE
Lipid metabolism in **fern Polypodium** vulgare 087483
fern Gametophytes. [**Polypodium vulgare**]. 087632

POLYPORE
rare quercicolous **xanthochroic polypores** in 086435

POLYPORUS
in cultures of **Polyporus schweinitzii.** 087441

POLYRIBOSOMES
synthesis, & **polyribosomes** in **senescing** lea- 087341

POLYSACCHARIDES
Polysaccharide 13140: a new thermo-gelable 083143
III. Chemical studies of **polysaccharides.** 085485
Secretion of **acid polysaccharides** by brown 087336
Polysaccharide changes in cell walls of ripe- 088137
A study of **polysaccharides** of **kernel** & endo- 088007
Polysaccharides of **mango** seeds (Mangifera 088006
Polysaccharides in **seeds** of some Liliaceae 088134
Studies on cell **wall polysaccharides** of Pinus 086247
heterogeneity of cell **wall polysaccharides** in 087569

POLYTENE
male & female larval **polytene chromosomes** 090508
RNA synthesis in **polytene salivary** glands of 090510

POLYUNSATURATES
inhibitors for **polyunsaturated oils.** [Safflow- 083623

POLYVINYL
Polyvinyl alcohol as a stabilizer of surface s- 091985
Adsorption of **polyvinyl alcohols** by oxides 091594
PVC [**polyvinyl chloride**] pipes as a new ma- 091362

POMACE
Physical properties of **pomace** during **grape** 083770
of Satsuma mandarin (Citrus **unshu Marc.**) 088095

POME
fauna to aid chemical control of **pome fruit** 090010
New records of **pome & stone** fruit tree dise- 089087

POMEGRANATE
Polyphenols of **pomegranates.** 083769

PONCIRUS
Poncirus trifoliata Hardy Orange. 088825

POND
observations on insects of Redmond's **Pond.** 090542
use of chlorinated oxidation **pond effluents** f- 092270
Plankton of **ponds enriched** with wastes from 087207
stratum of soils in **ponds fertilized** with beet 087206
primary productivity in **fish ponds.** 086667
metacercaria from Indian **pond-frog** Rana c- 085360
Aquatic flowers in some **guanotrophic ponds** 086385
Epiphytic microphytes in a **pond polluted** w- 087208
operation of waste water **pond structures.** 091299
Macrobenthos of **ponds** with **sugar** factory 090871

PONDEROSA
in mature semiarid site **ponderosa pine.** [Pi- 088248
mistletoe in a heavily used **ponderosa pine** r- 089730

PONIES
SEE HORSES

POPILLIA
Japanese beetle. [**Popillia japonica,** control] 089775
Galser, & Neoaplectana. [**Popillia japonica,** 089782

POPLAR
material & plantation with **poplars.** 086020
Armillaria mellea on **poplar.** 089266
Guide to identification of **poplar cultivars** on 086014
Studies on susceptibility of **poplar leaf** rust 089112
fertilisation trials of **poplar nurseries.** 091818
dioxide compensation points in **poplar plant** 088275
Photosynthesis & respiration in **poplar plant** 088276
Study of **poplar wood** "I.214", "robusta" & 086244

POPULATION
considers recreation needs of **population.** [D- 085884
survival in a shrunker-2 (sh2) **population.** [087037
temperatures on **populations** & **activities** of 090315
agriculture & active **agricultural population** 081997
Five decades of change: **Alabama population** 081940
ecological study of **algal population** of a coa- 086387
Study of **ant-populations** in various grassland 090425
of reducation of **bacteria population** in past- 083451
thiram upon fungal & **bacterial populations** 090378
tobacco budworm & **bollworm populations** in 089961
Collection of base **populations** for **breeding** 087140
in Vaquelinia **californica populations** of Ariz- 086716
Ageing of rural **population--causes** & effects. 082014
for reconstituting a **composite population** in 086973
number of possible **composite populations** & 087134
Social behavior in **confined populations** of h- 090565
connected with pest **population control** by s- 089769
Cicadellidae) **population densities** on corn. 089895
Population densities of a honeydew producer 090169
Abundance & **population density** of three le- 090816
presence of epistasis in **populations derived** 086993
variation in **populations** of **Drosophila** mela- 090674
Population dynamics of forest stands--an al- 085924
of occurence & **population dynamics** of Roty- 089546
Population dynamics of some orchard insects 089982
Population dynamics of cabbage root fly in 090025
history of **population, ecobiocoenotic** & bi- 086632
On **egg populations** of smaller brown planth- 089930
area of **populations** of **Enchytraeidae** & lum- 091689
in subarctic & middle **European populations** 090757
individual groups in **population** of **Federal** 082930
Scolytidae) on response of **field populations** 090106
to ethylene dibromide in a **field population** 090206
Scolytidae) on response of **field populations** 090494
Seasonal **population fluctuations** of Thrips t- 089952
investigations of tertiary **follicle population** 084867
its economic implications. [**Population, food** 082596
changes in bacterial & **fungal populations** in 089137
Population growth & pathogenicity of Parat- 089527
Studies on **populations** of **honey** bee colonies 091103
colour of tuber in first **inbred population** of 086976
Planting method, plant **population influence** 088461
behaviour of winged **insect populations** in sa- 090758
of melanization in a **localized population** of 090819
Variations in **maize population** & yield & ef- 088400
endemism in **populations** of **Melolontha** mel- 090487
characterisctics of **microalgal population** on 087377
Some observations on **microbial populations** 089170
Changes in **microbial populations** in paraquat 089754
comparison of **microbial populations** in ecol- 091508
Turnover of **microbial populations** & their 091527
Some observations on **microbial populations** 091690
of larval saddle gall **midge populations** (Hap- 089939
Population migration]. 081940
Sex ratios in polish **natural populations** & in 087200
translocation in **natural populations.** [Biolog- 090844
alcohol & estimates of **percent population** h- 082965
problems connected with **pest population** co- 089769
of a mixed **phytoplankton population** to nut- 087589
Genetical structures of **plant populations** of 086072
Planting method, **plant population** influence 088461
agents in **populations** of **Pseudoplusia** includ- 090039
Population reducing experiments by applica- 090064
of genotypes in **populations represented** as 086072
of relationships among **populations resulting** 086926
Ageing of **rural population--causes** & effects. 082014
Seasonal population fluctuations of Thrips t- 089952
Effects of **population size** & selection intens- 084819
dietary allowances for **population** of **Slovak** 082979
Populations & water resources in California 092095
Varitox & Bladex P on **weed population** & y- 089631
flow through a **population** of **workers** of Las- 090747
as influenced by **populations** of **yellow** bacte- 089314
of a homogenous **zygotic population** in Chl- 090632

POPULUS
points in poplar plant. [**Populus**]. 088275
establish cottonwood on old fields. [**Populus** 088462
fungal parasite of aspen trees. [**Populus**]. 089019
zone in cottonwood. [**Populus deltoides**]. 086786
stems. [Pinus resinosa, **Populus deltoides**]. 088254
Production of **Populus** x **euramericana** prop- 086018
to leaf development. [**Populus euramericana**] 088276
for their cyclic structure. [**Populus nigra**]. 088296
in 1967. [Picea abies, **Pinus, Populus**]. 085836
Pinus banksiana, Thuja **plicata, Populus** tr- 086259
Melampsora larici-**populina, populus**]. 089112
in central Ob region. [**Populus tremula**]. 088240
acid] in **Populus tremula** L. 089745
pulps preparation out of **Populus robusta** w- 086122

PORCELLIO
of digestive gut in **Porcellio laevis** Latreille 090527
from animals to plants. [**Porcellio scaber,** w- 088112
Is **Porcellio scaber** Latr. a plant pest? 089766
On body coloring of **Porcellio scaber** Latr. 090459
from animals to plants. [**Porcellio scaber,** w- 090748

PORCELLIONIDAE
laevis Latreille (**Porcellionidae, Isopoda**). 090527

PORCINE
bovine, ovine & **porcine adenohypophysis.** 084163
Porcine congenital infection due to Mycoba- 085472
E on oxidative stability of **porcine depot** fat 084582
of active site of **porcine elastase.** 084090
oh primary structure of **porcine growth** hor- 084169
Relations of **porcine-leptospirosis** in forensic 085424
salmonellosis serum of **porcine orgin.** 085229
with co-lipase activity from **porcine pancreas.** 084094
on ejaculated **porcine spermatozoan** metabol- 084798
Porcine ulcerative spirochaetosis. 085567

PORIA
Triterpenoids from **Poria carbonica.** 087497

PORK
SEE SWINE

POROSITY
water conditions on growth & **root porosity** 087855

PORT
conditional changes in nature of **port?** 083424

PORTHETRIA
in New Jersey. [Quercus, **porthetria dispar**] 090127
from gypsy moth. [**Porthetria dispar**, forest 090133
moth likes suburbia. [**Porthetria dispar**, trees 090144
forests by gypsy moth. [**Porthetria dispar**]. 090149
a major pest of trees. [**Porthetria dispar**]. 090164

POSTIRRADIATION
SEE IRRADIATION

POSTMORTEM
SEE AUTOPSIES

POSTPARTUM
SEE BIRTH

POTASH
Potash in **feldspars.** [Soils]. 091617
production of **potash fertilizers.** 091823
granulated phosphorus & **potash fertilizers.** 091824
nitrogen, phosphorus & **potash fertilizers.** 091825

POTASSIUM
Forage tests show need for **potassium.** [Catt- 084523
water flow, & Na [sodium], K [**potassium**], 087330
of recent findings on K. [**potassium**] nutriti- 087396
nitrogen] P, [phosphorus] & K [**potassium**] 087585
Changes in K [**potassium**]/Ca [calcium] exc- 091606
Effects of N[nitrogen] & K[**potassium**] fertil- 091845
nitrogen] P, [phosphorus] & K [**potassium**] 091979
Effect of atrazine on **potassium absorption** 087737
Potassium in **allophane** & in zeolites. [soils] 091615
H20 at 25 degrees. [**Ammonia, potassium** ox- 091913
for characterizing plant-**available potassium** 091499
adaptive significance of **blood potassium** typ- 084861
Direct determination of **potassium & calcium** 083273
of temperature on **potassium & calcium** tran- 087861
I. effect of varying **potassium, calcium,** & m- 088300
Studies on suitability of **potassium-calcium** 091499
growth of normal & **potassium-chloride** depl- 084662
calcium, sodium & **potassium content** of fee- 084712
as well as on soil **potassium content).** 087668
calcium or **potassium deficiency.** 087289
Effects of **potassium deficiency** on photosyn- 087840
supply of phosphorus & **potassium** on **dry**-m- 087759
of cereals (dependency of **potassium effect** on 087668
Potassium fertilisation trials of poplar nurse- 091818
nitrogen phosphorus **potassium fertilisers,** t- 091852
periodic phosphorus-**potassium fertilization.** 091801
Potassium fertilization studies of alfalfa in 092002
On **potassium fertilizer** requirement of cerea- 087668
nitrogen, phosphorus, **potassium fertilizers** f- 092008
A model for phosphorus & **potassium flux** in 086686
between Rubidium & **Potassium ions** in their 087761
Localised movement of **potassium ions** in soil 091609
on vertical transport of **potassium ions** in so- 091611
Mineral reserves of **potassium** in **Irish** soils 091618
Effects of **potassium & magnesium** fertilizers 091915
nitrogen, phosphorus & **potassium** on **maize** 087881
at 25 degrees. [Ammonia, **potassium oxide,** 091913
possbilities of periodic **phosphorus-potassium** 091801
Effects of nitrogen, **phosphorus, potassium,** 091817
common nitrogen **phosphorus potassium** fert- 091852
of nitrogen, **phosphorus, potassium** & their i- 091939
of effects of nitrogen, **phosphorus, potassium** 092008
Distribution of mobile & **potential potassium** 091613
of nitrogen, phosphorus & **potassium** by **rice** 087652
phosphorus, & **potassium** on **rutabaga** yields 091815
temperature as well as on **soil potassium** co- 087668
Potassium in **soil** minerals. 091610
discussion on mineralogy of **soil potassium.** 091619
Exchange of **potassium** in **soils** in relation to 091623
of illite content in soils on **potassium supply** 091607
significance of blood **potassium types** in so- 084861
of conifers. I. effect of **varying potassium,** ca- 088300
nitrogen, phosphorus & **potassium** on **yield** 088889

POTATOES
Study on marketing of **potato.** 082359
Earthy aroma of **potatoes.** [2-methoxy-3-iso- 083778
of irradiated carrots, beets & **potatoes.** 083800
to origin of Solanum tuberosum. [**Potatoes**] 086808
resistant to golden nematode. [**Potatoes**]. 086856
of breeding & inbreeding in **potatoes.** 086857
first inbred population of "Phulwa" **potato** 086976
plants: phosphoglucomutase. [**Potatoes**]. 087385
Staining imbedded pollen tubes. [**Potato**]. 088005
in Solanum tuberosum discs. [**Potatoes**]. 088141
Sindhuri tubers after germination. [**Potatoes** 088182
of photoperiodic perception in **potatoes.** 088183
Growth of individual tubers. [**Potatoes**]. 088186
of adventitious bud formation in **potato.** 088225
resistant to golden nematode. [**Potatoes**]. 088580
Advice for a good seed of **potatoes;** sprouting 088588
Many stems...high yeilds. [**Potatoes**]. 088634
My "organic-trench-method" **potatoes.** 088762
on tuber yield & quality of **potatoes.** 088798
up with demand--our joint aim. [**Potatoes**]. 088809
to freezing of ground-keepers. [**Potatoes**]. 088869
on yield in kufri Chandra-mukhi. [**Potatoes**] 088889
for control of Verticillium wilt of **potatoes.** 088986
of Fusarium damages. [**Potatoes**]. 089128
involved in virulence of Pythium. [**Potato**]. 089165
in diagnosis of A virus of **potatoes.** 089406
in weed control with Aresin. [**Potatoes**]. 089680
with automatic ventilation. [**Potatoes**]. 091273
of combines for harvesting of **potatoes.** 091421
for control of Verticillium wilt of **potatoes.** 091491
on yield & size distribution of **potatoes.** 091915
on tuber yield & quality of **potatoes.** 091926
Minimum tillage for **potatoes.** 092015
of silage made from steamed **potatoes added** 084652
activity on apterous form of **potato aphid,** 089999
crops. II. Spring wheat, **barley, potatoes** (1 087586
populations of Colorado **potato beetle.** Lept- 089979
of organic manuring. [Grain, **potatoes, beets,** 088322
Microwave finish drying of **potato chips.** 083788
Covering **potato clamps** with plastic. [Stora- 083844
Wyoming **potato clone** evaluaton, 1972. 088934
resistant populations of **Colorado potato** bee- 089979
How to **control potato** diseases. [Fungi]. 089053
Experiments to **control potato** tuber rotting 089130
varieties, & maturities. [**Corn, potatoes,** rice 083550
Covering potato clamps with plastic. [Stora- 083844
of recording stem densities in **potato crop.** 088867
of domestic & foreign **potato cultivars.** 087931
of stem fragments of **potatoes cultivated** in v- 087919
Economics of rainfed **potato cultivation.** 082220
Development of a low-**damage potato** washer 091333
beetle. [Leptinotarsa **decemlineata, potatoes** 089989
Potato disease research projects in Canada 089442
How to control **potato diseases.** [Fungi]. 089053
Agropyron repens in **potatoes** with **Dowpon** 089642
barley & steamed potatoes by **dried potatoes** 084685
Dried potatoes & dried sugar beet pulp as e- 084691
in profitable production of **early potatoes.** 088760
Flavor quality & stability of **potato flakes:** e- 083789
Food potatoes: future prices? [West Germa- 082303
during growth of domestic & **foreign potato** 087931
treatment for **potatoes** for **freezing.** 083796
kinds of organic manuring. [**Grain, potatoes,** 088322
Spacing of **potatoes grown** for seed. I. grow- 088900
Spacing of **potatoes grown** for seed il. Influ- 088901
changes in fresh-**harvested potato** tubers aft- 088035
Virus diseases of **potato** in **India** & their co- 089340
carbonhydrates in **potatoes** under **infection** 089342
Inhibition ability of **potato leaf** sap in relati- 087156
winter temperatures & extent of **potato leaf** 089396
Inhibition ability of **potato leaf** sap in relati- 089404
of galactoand phospholipids in **potato leaves** 088031
of water saturation deficit of **potato leaves.** 088072
factorially applied to **potatoes** in a **long**-term 091817
On protein in **potato, maize** & rice starch. 083218
affecting culture in vitro of **potato meristem** 088868
Air pollution injury of **potato** in **Michigan.** 089441
Root knot on **potato** in West **Pakistan.** [Me- 089553
How many seed **potatoes per** hectare? 088632
mutant forms of **potatoes** for use in **plant** br- 086949
during development of **potato plant** with re- 088234
from tuberous roots of sweet **potato plants,** 088215
Potato tuberworm. [Phthorimaea operculella 090047
Agropyron repens in **potatoes, preemergency** 089643
returns, & efficiency of **potato production** in 082261
Economics of **rainfed potato** cultivation. 082220
varieties, & maturities. [Corn, **potatoes, rice** 083550
studies on tobacco pith & sweet **potato root** 087849
of nematode fauna of **potatoes** & **root** area of 089577
How many **seed potatoes** per hectare? 088632
Potato seed piece decay: Its control. [Fusar- 089082
Seed potato stain affects 10-40 percent of c- 089133
of potato leaf-roll virus in **seed potatoes** in 089396
Wound healing of **seed potatoes** after pre-tr- 089447
Effects of artificial infection of **potato seeds** 089131
Southern potato wireworms: light-trap catc- 090031
Potato spindle tuber viroid. IX. Molecular- 089415
In vitro tuberization of **potato sprouts** as af- 088184
Seed **potato stain** affects 10-40 percent of c- 089133
Ash contents of **potato starch.** 1. Comparison 083722
Composition of sugars of **potato starch** wast- 083771
to study of amylose in **potato starch.** 2. 083812
of amylose & its derivatives. [**Potato starch**] 083843
value of silage made from **steamed potatoes** 084652
of silage made from **steamed potatoes** & rap- 084653
of ground barley & **steamed potatoes** by dri- 084685
of artifically cooled air. [**Potatoes, storage**] 083829
Potato storage houses in fixed frame building 091272
a processing equipment for **potatoes** & **sugar** 083814
of production & processing **sweet potatoes** in 083815
studies on tobacco pith & **sweet potato** root 087849
derived from tuberous roots of **sweet potato** 088215
of production & processing **sweet potatoes** in 088819
Ell. e Hals) Harter on **sweet potato** (Ipomea 089101
Sweet potato vein mosaic virus in Argentina 089373
of nitrogen on yield of **sweet potato.** 091869
cells from aging discs of **potato tuber** (Sola- 086830
of oxygen through lenticels in **potato tuber** 088185
Experiments to control **potato tuber** rotting 089130
Studies on **potato tuber** worm, Phthorimaea 090087
ethylene production by **potato tubers.** 083697
storage & reconditioning of **potato tubers.** 083830
carbohydrate metabolism of **potato tubers.** 087956
changes in fresh-harvested **potato tubers** aft- 088035
Potato tuberworm. [Phthorimaea operculella 090047
on development & yield of **potato varieties.** 089131
Weed control of **potato varieties.** [Chemical 089688
Reaction of **potato varieties** to some herbici- 089717
I. growth dynamics of five **potato varietis** in 088900
cooking quality of **potato variety** Kerr's Pink 089395
Ozone injury in **potato variety** trials. 089554
Sweet **potato vein** mosaic virus in Argentina 089373
Resistance of **potato** to X **virus.** 087157
virus, lettuce mosaic virus & **potato virus** Yn 089357
of tobacco mosaic virus & **potato virus** Y on 089377
A new outbreak of **potato virus** Y on tobacco 089392
secondary infection with **potato virus** X (P- 089395
Resistance of **potato** to X **virus.** 089405
of a low-damage **potato washer** & drier. 091333
Southern **potato wireworms:** light-trap catc- 090031
Wyoming potato clone evaluaton, 1972. 088934
glycol for purification of **potato yellow** dwarf 089376
of its physical properties & on **potato yields** 092052

POULTRY
marketing in livestock industry. [**Poultry**]. 082334
with respect to demand for poultry [**broilers** 082430
Consumer education to boost sales of **poultry.** 082451
do we stand in broiler production? [**Poultry**] 082566
to knowledge of slaughter results in **broilers** 083497
How to utilize slaughtering wastee. [**Poultry**] 083501
do we stand in broiler production? [**Poultry**] 083508
s wrong with random sample tests? [**Poultry**] 083989
phosphatase in avian shell gland. [**Poultry**]. 084106
cons on separate sex feeding of **broilers.** 084418
soybean meal, used in feeding of **broilers.** 084436
of carbohydrates in nutrition. [**Poultry**]. 084447
lysine to feedmixtures for **broilers.** 1. influe- 084454
lysine to feed mixtures for **broilers.** 2. Selec- 084455
performance, carcass fat & flavour of **broilers.** 084465
should feeding trials be evaluated? [**Poultry**] 084510
to hydrocarbon yeast on growth of **broiler.** 084611
protein carriers in broilers. [**Poultry**]. 084636
vitaminization of fattening feed for **broilers.** 084645
with fat & methionine) in **broiler** rations. 084707
in two-line hybrids of broiler type. [**Poultry** 084747
of progeny testing & selection of **poultry.** 084876
management of livestock & **poultry.** 1. 085052
diagnosis of Gumboro disease in **poultry.** 085216
vaccines for treating diseases in **poultry.** 085217
Prevention of Newcastle disease in **poultry.** 085218
Newcastle disease "Komarov" virus. [**Poultry**] 085326
control of Newcastle disease. [**Poultry**]. 085334
frog Rana cyanophlyctis: a note [**Poultry**]. 085360
Infectious larvngotracheitis in **poultry.** 085366
with respiratory diseases of **poultry.** 085367
spread of Newcastle disease. [**Poultry**]. 085398
in research on infectious diseases of **poultry** 085448
Exudative diathesis in **poultry.** 085681
Hemorrhagic syndrome in **poultry.** 085682
Get rid of ectoparasites of **poultry.** [Insects, 090272
Stratiomyidae) as a feed additive for **poultry** 084517
Histological changes in **abscission layers** oc- 086759
How heat stress **affects broilers.** 084307
Feeding of **broilers** with **arsanilic** acid; gain 084530
Improvement of **broiler breeder** in past 10 084764
Optimum energy level for **broiler breeders.** 084410
On raising of **poultry breeders** for reproduct- 084974
curve of Robusta Lionata. [**Poultry, breeds**] 084938
in breeding work with **poultry broiler** lines. 084964
Farm financing finesse. [**Poultry, Canada**]. 082212
insecticides in fat of **chickens broiler** derived 082849
Physiological response of **broiler chickens** as 084209
insecticides in fat of **chickens broiler** derived 090357
Commercial poultry production. 083979
marketing factors to **contract broiler** growers 082429
of alimentary tract of **broilers** in **course** of i- 085429
content in mechanically **deboned poultry** m- 083516
results of rearing of **pullets** on **deep** litter & 084011
Plight of **Delhi poultry** farmers. [Outlook]. 082635
insecticides in fat of chickens **broiler derived** 082849
cholesterol return in **pullets determined** by 084347
Poultry development. [Industry, India]. 083522
Poultry development in Mysore State. 083977
Effect of barley in **broiler diet** on fatty acid 084608
long bone structure in **poultry** of **different** 084086
antibiotic for control of **poultry diseases.** 085282
proteinogram in some **poultry diseases.** 085368
Nishigori 1924) in Indian **domestic poultry** 085354
of a respiratory disease in **poultry due** to m- 085365
of lighting on bi-monthly hatched **egg layers** 084280
in improving production. [**Poultry farm** man- 082170
Plight of Delhi **poultry farmers.** [Outlook]. 082635
of past & present. [**Poultry farming**]. 082171
Egg room sanitation. [**Poultry farms**]. 083934
on erythropoiesis of **fasting poultry** of both 084337
mixtures with cane sugar in **broiler fattening** 084452
mixtures with cane sugar in **broiler fattening** 084453
of glypondin in pig & **broiler fattening.** 084736
biochemical findings in **broilers fed** a feed m- 084458
thyroid gland in White Leghorn **layers fed** s- 084554

in connection with **poultry feeding.** 084725
Growth of **poultry** by **feeds** destined for catt- 082700
economic analysis of red meat, **fish, poultry** 082461
in a butcher's shop at which **fresh poultry &** 082886
marketing factors to contract **broiler growers'** 082429
Nitrogen excretion by **growing poultry** on ni- 084435
of Mexican **broilers hatcheries** industry. 083523
Nutrition & its relation to **poultry health.** 084670
Bacterial picture of **healthy poultry** & those 085457
Ventilating layer & **pullet houses.** 091237
research of labor safety in **poultry industry.** 083406
Red meat & **poultry inspection:** microbiology 082830
on growth rate of White **Leghorn pullets.** 084197
by thyroid gland in White **Leghorn layers** f- 084554
in breeding work with poultry **broiler lines.** 084964
Response of orchardgrass to **broiler litter** & 091807
from manured lysimeters. [**Poultry manure** 091649
Application limit of **poultry manure** for pad- 091792
from manured lysimeters. [**Poultry manure** 091920
deep pit in-house drying of **poultry manure.** 091949
of commerical strains of **broilers** to **Marek's** 085676
for improvement of **marketing poultry** meat 082367
A meat for keeping: **poultry meat.** 083503
for improvement of marketing **poultry meat** 083509
Biochemical changes in **poultry meat** after s- 083510
of extruded, texturized **poultry meat.** 083513
in mechanically deboned **poultry meat** by 083516
characteristics of **Mexican broilers** hatcheri- 083523
Poultry nutrition research Chickens. 084521
shell breakage. [Animal **nutrition, poultry**]. 084528
Poultry nutrition. 084540
changes in abscission **layers occurring** in leaf 086759
in domestic animals & **poultry** in **Ontario** 1 085778
action of Neguvon in **poultry organism.** I. I- 085775
activity in birds. [**Poultry, physiology.** 084820
Inspection of **poultry** & **poultry** products for 082768
in breeding work with **poultry broiler** lines. 084964
Meat-, fish-, & **poultry-processing** wastes. 092442
Relationships of selected **broiler production** 082429
Where do we stand in **broiler production?** [082566
Small scale **poultry production.** 083951
Commercial **poultry production.** 083979
Inspection of poultry & **poultry products** for 082768
Legal decisions on **raising poultry** & rabbits 082526
husbandry. 22. Livestock & **poultry raising** 083924
of Tinea fuscipunctella on **poultry ranches.** 090246
Monensin in **broiler rations.** [chickens]. 084446
Sodium supplementation of **broiler rations.** 084467
Future of Swiss **poultry rearing** from view of 082575
Recent trends on **poultry research** in Japan 083927
Rearing of **capons** in **rural** areas in a rational 083929
Small **scale poultry** production. 083951
Relationships of **selected broiler** production 082429
investigations in **poultry slaughterhouses.** 083512
fresh poultry & parts of **poultry** were **sold** u- 082886
Poultry & swine -competitors on market. 082427
tissues: collaborative study. [**Poultry, swine**] 082685
Poultry & swine -competitors on market. 083165
can one develop husbandry? [**Poultry, swine** 083939
tissues: collaborative study. [**Poultry, swine**] 084069
Future of **Swiss poultry** rearing from view of 082575
properties of extruded, **texturized poultry** m- 083513
accumulation of arsenic in **poultry tissues** & 084530
Arizona hinshawii infection in **turkey poults** 085268
Heterosis in two-line hybrids of **broiler type** 084747
with ammonia of guinea fowl of **broiler type** 085789

POWDERS

of microcrystalline **cellulose powder.** [Cotton 083659
in cocoa beans & **cocoa powder** during trea- 083179
reconstitution properties of **milk powders.** 083304
in model experiments with **milk powder.** 083380
Feeding calves with **milk powder** in Italy. 084536
of pesticidal dusts, **wettable powders** & gra- 090335

POWDERY

on perfect stage of sugar **beet powdery** mild- 089174
of linseed varieties to **powdery mildew** Oidi- 089097
Control of **powdery mildew** of Cassia occide- 089224

POWER

Power economy of sugar industry in campai- 083563
specific consumptions of **electric power** in a- 091303
conservation & generation of **electric power** 092357
water retention caused by **power plant** Djer- 082009
Reducing power of compounds of iron with f- 088030
to investigations of **power required** for harv- 091459
units into equivalent units at **power saws.** 086236
Tractor power at top. 091323
a safer PTO. [**Power** take-off, **tractors**]. 091308

POX

Studies on differentiation of **avian pox** virus- 085269
mixed infections of Escherichia coli, **fowl p-x,** 085365

PRAIRIE

potassium flux in a tall-**grass prairie.** 086686

PRATYLENCHUS

meloidogyne **incognita, Pratylenchus** vulnus, 089548
root rot of beans. [**Pratylenchus penetrans,** 089197
Control of **Pratylenchus penetrans** in raspbe- 089552
cotton in Gezira. [**Pratylenchus sudanensis**] 089466

PRECIPITATION

of streams, groundwater, & **precipitation.** 092276
feeding peptide-**precipitating lignosulphonic** 084388
of peptide-**precipitating lignosulphonic** acids 085603
Relation between **precipitations, nitrogen** d- 087863
of beta-technique of **ring precipitation** test 085227

PRECIPITIN

Circum-**oval precipitin** test in pigs infected 085358

PREDATION

Predation by **Amblyseius** potentillae (Garm- 090019
Predation on **chiromonid** eggs & larvae by 090541
on native parasitism & **predation** in **Idaho.** 090166
Larva & pupa of **predaceous water** beetle, 090478

PREDATOR

aphid (Aphis maidis Fitsch.) & its **predators** 089880
lebaycid on corn pests & their **predators.** 089881
on effectiveness as a **predator** of **Agelena** op- 089977
New record of a **spider predator** of genus P- 091004

PREFABRICATED

silo built with **prefabricated concrete.** 091251
Use of lumber in **prefabricated houses.** 086204

PREGNANCY

Folate content of diets in **pregnancy:** compa- 082907
Local effect of **pregnancy** on **corpus** luteum 084844
of calf by vaccination of **pregnant cow.** 085491
of buffalo during estrous **cycle, pregnancy** & 084966
oil meal in rations of **pregnant dam** on their 084682
domestic rabbits to **determine pregnancy.** 084760
technique for early **pregnancy diagnosis** in 084845
ergot to gilts during **early pregnancy.** 084468
by ewe & its effect on **prenatal infections** wi- 085257
Pregnancy management program. [Dogs]. 084753
sexually mature gilts to **pregnant mare's** ser- 084386
diet & application of PM [**pregnant mare**] s- 084960
of placental gonadotropin on **pregnancy rate** 084835
A case of **sextuple pregnancy** in a cow. 084909
additives administered to **pregnant sows** on 084667
ingestion of jimsonweed by **pregnant sows.** 085774
its metabolites in **pregnant sows** & their pr- 090347

PREMATURITY

deposition of surfactant in **premature rabbit** 084097

PRENATAL

SEE PREGNANCY

PRESERVATION

value of high moisture **chemically preserved** 084495
Preservation of **cut** flowers. 083811
aspect of **preservation** of **damp** maize treated 083530
Preservation of **ecosystems:** A status report. 092310
Green forage harvest & **feed preservation.** 083869
as related to **preservation** of **feedstuffs** prod- 083898
Fish preservation. I. Studies on changes dur- 083139
of Zaaminsk mountain-**forest preserve.** 090884
Gene preservation by means of a tree impro- 086009
Preservation of **grains** by using cold. 1. 083632
high moisture chemically **preserved grains.** 084495
Fruit & vegetable **preservation industry:** pro- 083735
Problems relating to **preservation** of **local** b- 084967
Role of cold in **meat preservation** for marke- 083482
Effect of various **preservation methods** on n- 084722
of colimetry of pasteurized **milks preserved** 083370
A rationale for **preserving natural** areas. 092393
plants from Reindeer **Preserve, Northwest** 087717
of grape culture & **preservation** of **soil** fertili- 091425
on low-**temperatures preservation** of cow e- 084352
properties of green **tomatoes preserved** by l- 083731
Effect of **various preservation** methods on n- 084722
Fruit & **vegetable preservation** industry: pro- 083735
fruits & infusion in **preserved vegetables** & f- 083724
of progesterone on **preservation** & **viability** 084968
Wood preservation. 086205

PRESERVATIVES

Urticaria caused by **preservatives & color** a- 082881
of organic solvent-based **wood preservatives** 086111

PRESSING

veneer leaves unrolled, glued & **pressed.** 086235
to mixed feed before **pressing & evaluation** of 083895
Spring back of **hot pressed** wood in humidifi- 086184
mesh number of wire netting & **hot pressing** 086189
A simple **shear press** for measuring tendern- 083615

PRESSURE

Air pressure within soil aggregates during q- 091589
sulphur compounds during **pressure cooking** 083581
total soil suction **pressure dynamics** in Besk- 091665
Effect of **heat-pressure**-treatments of semi-d- 086156
High-pressure liquid chromatography in sep- 083118
of abscission at **hypobaric pressures.** [Fruits 088153
Internal pressure in yeasted dough il. 083556
An analysis of **pressure losses** during transp- 083912
Study of colloid-**osmotic pressure** (COP) of 084336
Effects of external **osmotic pressure** on resp- 087456
pumping plants **providing pressure** for large- 092155

PRETREATMENT

H2S [hydrogen sulfide] **chip pretreatment** p- 086250
affected by fabric **construction, pretreatment** 083674
on some fruits as a **pretreatment** for **freezing.** 083748

PREVENTION

of chicken meat & its **prevention.** IV. Appli- 082834
Swine diseases--diagnosis & **prevention.** 085099
England & Wales: Its control & **prevention** 085508
fungi imperfecti, their causes & **prevention.** 086594
man & possible means of **prevention.** 092387
Results of work on **prevention** of **anthrax** in 085539
Preventing blackening of broad bean (Vicia 089448
Results of work on **prevention** of **blackleg** w- 085554
Prevent chlorosis in plants with use of sulfu- 091971
as evidence for **prevention** of **desease.** 085541
Techniques used for **prevention** of **dogs** from 085053
in feed of swine & **prevention** of **dysentery.** 085544
Preventive effect of cysteine on "Browning" 083211
Etiology, prevention & therapy of prolapsus 085763
Frost prevention techniques. [Fruit]. 089502
Tests on **prevention** of **Fusarium** diseases in 088991
on effects of chemicals for **preventing game** 089533
Mastitis prevention. [Staphylococcus, Strep- 085516
Preventing milk fever in dairy cattle. 085645
Prevention of **Newcastle** disease in poultry. 085218
administration in **prevention** of **paturient** pa- 084857
of prediction & **prevention** of **plant** diseases 089511
of frequency & **prevention** of **retention** of af- 084340
Prevention of **selenium** interference with m- 087245
Frost **prevention techniques.** [Fruit]. 089502
germination: **prevention** of **thermodormancy** 088027
cobalt arsanilate for **prevention & treatment** 085203
vitamin E injections in **prevention** of **white** 085689

PRICES

Luxembourg agricultural marathon. [**prices**] 081966
are paying in world marketplace. [**Prices**]. 082370
Luxembourg agricultural marathon. [**prices**] 082500
varies in quality, composition, & **price.** 083087
Recent trends in **agricultural prices.** [India] 082484
Agricultural prices; annual summary, 1972. 082506
Heterogeneous **price behavior** among seasons 082327
Prices of **breeding** sows in upward trend? 082302
Seasonal movement of beef **cattle prices** by 082428
products, marketing **conditions, price** deter- 082346
Prices & consumption in European Common 082405
Generalized introduction of **cost price** in agr- 082282
s livestock outlook rosy as **prices, demand** s- 082377
Milk **price determination** with signaling con- 082273
marketing conditions, **price determination &** 082346
Price development in agricultural sector dur- 082421
Pricing efficiency of Indian apple market. 082409
of EC [Economic Community] **farm price** po- 082376
1972 north Dakota **farmland prices.** 082275
Feed prices high? Here is one way to comb- 082345
can help stabilise **feedstuff prices.** 082434
did all phosphate go? [**Fertilizers, prices**]. 091995
Food prices still a world problem but end of 082369
strict phase II. Controls to curb **food prices** 082388
Food potatoes: **future prices?** [West Germa- 082303
Limited **price guarantee.** [Agricultural prod- 082440
Heterogeneous price behavior among seasons 082327
Feed **prices high?** Here is one way to comb- 082345
Still is not decided. [Dairy **industry, prices**] 082438
Limited price guarantee. [Agricultural prod- 082440
in Japan. 3. [Distribution, **marketing, prices** 082329
Milk price determination with signaling con- 082273
Economic Community] farm **price policy** ga- 082376
Mechanism for **regulating price** rise in timb- 086133
Price responses to demand & supply of whe- 082458
Mechanism for regulating **price rise** in timb- 086133
Food **prices still** a world problem but end of 082369
Changes in meat grading & **pricing structure** 082848
Sixty years' **stumpage prices** of softwood ti- 086194
Price theory of agricultural products as rela- 082457
Fresh market **vegetable prices;** revised esti- 082510

PRIMER

SEE BOOKS

PRIMING

Evidence for **progestational priming** of estra- 084795

PRIMULAS

from Primula veris & **Primula elatior.** 087561
Growing Primula. 088672
study of **Primula heterochroma** & Primula v- 086780
nucleotides in plants. [**Primula obconica,** Tr- 088030
Cytogenetical studies in **Primula sieboldi** E. 086992

PROBABILITY

An attempt to **define probability** of simulta- 086655
Spring & fall **freeze probabilities** for Nebra- 089530

PROBING

Probing behavior of Eulachnus agilis & inju- 090128
Probing secrets of fetal immunity. [Sheep]. 084294

PROBOSCIS

I. Identification by **proboscis morphological** 090776

PROCESSING

on milk & dairy products. 17. [**Processing**]. 083245
flakes: effects of raw material & **processing.** 083789
plant management through **processing.** [We- 089653
microbiology of equipment & **processing.** 082830
of ice cream microstructure during **processi-g** 083344
hardwoods. VII. **Processing** of **Boswellia** ser- 086168
Microbiology in **cacao processing** industry. 083086
Processing of **cellulosic** materials. 2. Proces- 084548
Problems in **processing** of **chestnut** fruit. 083806
ingredients of technically **processed compost** 091842
growth on rations **containing processed** & u- 084590
Courtship processing in Drosophila melanog- 090449
Courtship processing in Drosophila melanog- 090450
wastewater management in **dairy processing** 092223
by means of electronic **data processing** with 084508
tasks by using electronic **data processing** in 085973
gene-controlling **developmental processes.** 090620
Digestive processes of haematophagous inse- 090496
Corn; **dry processing.** 1. 083634
Symposium: **Processing** of **Edible** Oils, pres- 083129
substance on fruit fall & **embryonic processes** 088070
Installation of a **processing equipment** for p- 083814
mills MC-3. [Feed, **processing equipment**]. 091417
Expansion-**extrusion processed** sorghum gra- 084594
Influence of **processing factors** on quality c- 082843
of hammer mills MC-3. [**Feed, processing** e- 091417
of Aspergillus oryzae. [**Food processing**]. 083010
Computers in **food processing.** 083077
management skills in **food processing** indust- 083082
buying of fresh versus **processed foods** rema- 082509
Guidelines for nutrifying 41 **processed foods** 082936
Fruit-, vegetable, & **grain processing** wastes 092443
of pomace during **grape processing.** 083770
distributions during heat/**hold processing** of 083614
tree species on **humusforming processes** from 091666
Industrial processing of pears. 083752
skills in food **processing industry.** 083082
Microbiology in cacao **processing industry.** 083086
of raw wood **processing industry** in Denmark 086094
Detection of **processing injury** & viability in 083531
for automation of **irrigation processes** in fix- 091261
Meiosis. III. elastica, & **Markov processes** 090627
factor for practice of **meat processing.** [Wat- 083418
most suitable materials in **meat processing** p- 083440
Comparison of **milks processed** by direct & 083309
Guidelines for **nutrifying** 41 **processed** foods 082936
Effect of **processing** on **nutritive** value of fru- 082922
From beginning of **processing** of **oil** crops in 083578
suitable materials in meat **processing plants** 083440
in multi-product tomato **processing plants.** 083703
Meat-, fish-, & **poultry-processing** wastes. 092442
sanitary rules for **production, processing** & d- 083337
Effect on composition & **processing properti-s** 083964
Banana **puree processing.** 083741
On topic: **processing** of **raw** sausage. 083419
A **record processing** system in veterinary pa- 085073
of cellulosic materials. 2. **Processed sawdust** 084548
Production & **processing** of **seed** in Bhendi. 088821
Studies in **processing** of **sheep** & lamb casin- 083476
Elementary **soil processes** as a basis for ger- 091697
Studies of **solution processes** in hydrated st- 083147
Expansion-extrusion **processed sorghum** gra- 084594
of technical drying & **processing** of **straw** for 083876
whole plant & by **processing** of **straw.** 083885
energy pattern. [**Sugarbeet processing**]. 083687
of production & **processing sweet** potatoes in 083815
Processing of **swine** waste. 092386
A record **processing system** in veterinary pa- 085073
cutting operations in th e **processing system** 086128
Toxic ingredients of **technically processed** c- 091842
water treatment & **processing techniques** in 086211
Forests & **timber processing.** 085947
costs in multi-product **tomato processing** pl- 083703
harvesting methods for **processing tomatoes** 082238
Processed tropical fruits: Tendencies & pros- 082560
Processed vegetables & fruits in foreign tra- 082413
consumer buying of fresh **versus processed** f- 082509
Meat-, fish-, & poultry-**processing wastes.** 092442
Fruit-, vegetable, & grain **processing wastes** 092443
development of raw **wood processing** indust- 086094

PRODUCTION

measures of rationalization of **production.** II 083170
activity in intensification of **production.** [M- 083410
their stimulation of their **production.** 087639
over herbicides remaining in **production.** 089641
of Beskids Mountains. II. **Production.** 090577
Abundant production of chlamydospores by 087461
Protein & **fatty-acid production** after acetam- 084061
of glucoamylase & citric **acid production** in 087227
Mycotoxin **production affected** by insecticide 082714
Production of **aflatoxin**-M-Standards for ana- 083379
Aflatoxin production of species & strains of 088993
Agricultural production in zone of Danube; 082009
in organization of **agricultural production.** 082162
of cost price in **agricultural production** coop- 082282
modeling of **agricultural production.** 082485
Castellon province. [**Agricultural production** 082486
Agricultural production in Chile caught in a 082572
choice of strategy. [**Agricultural production**] 082597
Virginia's **agricultural production**--now & in 082658
intensification of **agricultural production.** [F- 084474
Bee as a factor of **agricultural production** in 091084
of electric power in **agricultural production.** 091303
intensification of **agricultural production.** [F- 091820
mineral fertilizers to **agricultural production** 091827
Agricultural production in zone of Danube; 092248
of intensive **agriucltural production** along in- 092083
labour standards in **animal production.** 082086
Routine work in **animal production.** II. Care 082173
Animal production in desert. 083957
Routine work in **animal production.** II. Care 083994
Animal production in South African Republ- 084003
Animal production & reproduction in mulga 084004
of manure utilization in **animal production.** 084009
Production of **animal** proteins dating from d- 084431
place construction in **animal production.** 091276
studies with food-**producing animals.** 082794
Anthocyanin production in cranberry leaves 088049
soils. II. occurrence of **antibiotic-producing** 091778
Producing apple trees free of known viruses 086924
in development of cattle **production applied** 083976
production in old charcoal **production area.** 088810
Aseptic production & bottling procedures. 083266
on proteolytic-enzyme-**producing bacteria** in 083372
State of **banana production** in Philippine Is- 082250
Impace of winter-**barley production** on full 091353
Beech production & management in Tyskla- 085950
Outlook in **production** of **beef** in Southern I- 082642
mould of barley on **beer production.** 083040
Production & **behavior** of nullisomic S in Ni- 087167
Industry-like **production** of **black** currants. 088657
Production in **bovine** of antibody specific for 085225
Relationships of selected **broiler production** 082429
Where do we stand in **broiler production?** [082566
Lilium **bulb production** & cultivation. 2. 088561
Camphor tree & **camphor production.** [Cinn- 088974
Problems of sugar-**cane production** in Sudan 088544
exchangers to increase **production capacity** 091976
wine varieties & **production** in **Caribbe** Cari- 082497
in development of **cattle production** applied 083976
Improving **cattle production:** future role of 084936
in development of **cattle production** applied 091282
Machinery system for **cauliflower production-** 091346
to intensification of **cereal production** in co- 088388
Production characteristics of Mexican broil- 083523
production in old **charcoal production** area. 088810
increased not decreased **cheese production.** 082432
Endothia parasitica, **Cheese production**]. 083310
Effect of ethylene **producing chemicals** on g- 088074
Organization of **production** of **chickens** in E- 082524
Development trends in **production** of **chlori-e-** 091821
s program for economical **citrus production.** 088679
A quarter century of **coffee production** in so- 082495
Management factors in **coffee production** in 088961
prospects of **production** & **commerce** of can- 082560
Tables of **production** for **common** spruce & 085958
New regulations **concerning production,** use 082870
Cone production in Fraser firs infested by b- 090121
danger. [Filberts **production, consumption**] 082318
outlook in **production** & **consumption** of milk 082587
phase of fattening in **cooperative production** 085549
price in agricultural **production cooperatives** 082282
land characteristics using **production cost** da- 082078
Production & **cost** of hay wafers. 2. 082202
citrus orchards. 5. [**Production costs**]. 082195
Production & **costs** of hay wafers. 1. 082200
of construction costs on **production costs.** [082208
horticulture & viticulture. [**Production costs** 082289
base in zones of Far East. [**Production costs** 082291
Analysis of **production costs** in multi-product 083703
Cotton production with special reference to 088482
activate feeder for top-**producing cows.** 084664
Trends in **crop production** in Alabama. [Fie- 088403
protection ensures better **crop production.** [089481
tendency of vegetable **crops production** in C- 088592
view of cultivation of straw **producing crops** 089483
World **dairy production** again shows surplus. 082375
milk product supply & of **dairy production.** 083271
Current problems in **production** of **deep** fro- 084958
Diary production ten years ago. 082638
Mineral nutrition & **production disease** in d- 085658
Variability in **production** of **drone** broods by 091095
X-rays on mutation **production Drosophila** 090528
Economic production of quality pineapples. 082298
Integration of **production effects** & social c- 082166
Egg production--threatened by big business. 082567
Caging ducks for efficient **egg production.** 083933
Egg production, egg weight & shape index of 084196
on fertility, hatchability & **egg production** in 084401
methods for part record **egg production** in c- 084826
About **production** of **elite** wheat seed. 088346
on growth & **enterotoxin production** by Sta- 082819
falleriae for **production** of **Entobacterin.** [Bi- 089835
Studies on proteolytic-**enzyme-producing** ba- 083372
Fron. 1. Requisites of **enzyme production** in 089180
Pavonia odorata (Willd) **producing essential** 087583
Establishment, production, & nutritive value 084477
factors on endogenous **ethylene production** 083697
Ethylene production & respiratory behavior 087122
Light-induced **ethylene production** in sorgh- 087839
of gibberellin on **production** of **ethylene** & on 087982
Inhibition of **ethylene production** in plant ti- 088002
Effect of **ethylene producing** chemicals on g- 088074
kinetin on auxin-induced **ethylene production:** 088154
Ethylene production & respiratory behavior 088167
Chlorogenic acid levels, **ethylene production** 089496
Changes in **farm production** & efficiency; a 082511
administration in vegetal **production farms** f- 082172
problems of increasing **fertilizer production** 091946
esculentus-l-moench) for **fibre production.** [088553
Corylus in danger. [**Filberts production,** con- 082318
of citric acid on acid & **flavour production** by 083323
implications. [Population, **food production**]. 082596
investigational studies with **food-producing** 082794
Role of storage in **food production** in Ghana 083084
environment protection & **food production.** 083177
research in Cameroon: **Production & food** va- 088317
of plant diseases for world **food production** 089511
environment protection & **food production.** 092399
Optimum **forage production** in areas with hi- 088476
Brush control & **forage production** in aspen 089632
Development in **production** of **forest** propag- 085670
Veterinarians in **production** of **fresh** water. 085152
culture unit for **production** of **frozen** concen- 083305
Present state of large-scale **fruit production** 082132
Chemical tools in **fruit production.** [Growth 088119
exchange of experience on **fruit production** a- 088665
Present state of large-scale **fruit production** 088667
Estimation of **production function** & technic- 091179
Milk **production functions.** 083242
reduction, nitrogenous **gas production,** & re- 091554
of varieties suitable for **production** of **grape** 083759
Role of gibberllins in **grape production.** 088076
volatile fatty acid] **production** in **growning** 084203
of indices of **production** of **hammer** mills MC 091417
element particle in **heat-producing** spadix a- 087459
corps: Methods for **production** of a **high** val- 088510
between queen bees & **honey production.** 091099
of colonies for maximum **honey production** in 091102
Technology of **honey production** in Kemero- 091191
better. [Apiculture, **honey production**]. 091200
Economics of **horticultural production** & ma- 082070
material in domestic **horticultural production.** 088936
management of **horticulture production** on s- 082165
its importance in **improving production.** [Po- 082170
of varieties for seed **production including** in- 087146
Test performance to **increace production.** [L- 084816
in order to **increase production** of lambs me- 084894
ion exchangers to **increase production** capac- 091976
Increasing production of lysergic acid by m- 087556
of honey bees for **increasing production** of r- 091209
Production of **industrial** ice cream. 083346
Something about **industrial production** of s- 083579
of fertility of boars in **industrial production** 084959
Selection for type & **production** & **influence** 084852
Sawning of fruit **juice production** in Japan. 082423
Six-month old **lambs production;** feeding tri- 084404
origin & method of **lard production.** [Food c- 082754
Production of **larvae** of Phyllobius piri L. (090545
On question of mode of **production** in **Latin** 081987
Proposition to **production lay** out & concent- 083693
A factor **limiting production** of livestock. [F- 084448
Lipase production by rice blast pathogen. [089037
Production of **liquid** sugar in four European 083684
of intensification of **livestock production** on 082167
on regional planning of **livestock production** 082176
mathematic methods in **livestock production** 082183
of concentration of **livestock production,** ba- 082627
Relationship of **log production** in Oregon & 085986
Logging production rates in young-growth, 086264
correlations between **main production** traits 084918
Some trends in **production** of **main** field cro- 088485
their modification during **malt production.** 083592
animals: **production** & **management.** 8. [Bre- 084765
simplification of liquid **manure production** & 091975
Production & **marketing** of Gorgonzola chee- 082439
Rate of dry **matter production** in different p- 087667
potassium on dry-**matter production** & nutri- 087759
dressing level on dry **matter production** & b- 087805
a technique for **measuring production** of phe- 089924
keeping mother animal for **meat production** 082216
Optimization of **meat production.** 083421
of feeds in fish **meat production.** 083914
Development of **meat production** through ce- 084008
Feeding turkeys for **meat production.** 084524
Large scale **meat production.** [Feedlots]. 084627
of a first progeny test in **production** of **meat** 084879
of changing herd size upon **milk production** 082143
costs & returns of grade A **milk production** 082237
Milk production functions. 083242
Clean **milk production.** 083369
of changing herd size upon **milk production** 083966
on biochemistry of rumen & **milk production** 084291
in milking sheds on **production** of **milk** & fat 084379
of feeding of dried grass on **milk production** 084423
rate, gestation & **milk production** of females 084571
between ovarian cysts & **milk production** in 084980
flies on feed intake & **milk production** of da- 090252
better economics for **milk production.** 084673
like organization of **mushroom production** in 088654

Development of edible **mushroom production** 088810
X-rays on **mutation production** Drosophila 090528
Mycotoxin production affected by insecticide 082714
Production of **national** antigen & positive b- 085302
shells of green nuts; **production** of **Nocino** of 083114
region as a source of **normal production.** 082605
Virginia's agricultural **production--now** & in 082658
Dairy--**official production** records & their use 082105
Feedback controlling **oxygen production** in 087273
moisture control in **particleboard production** 086136
varieties intended for **production** of **pastes.** 083576
of diversification of **production** in **pastoral** z- 082103
Production patterns. [Farm management]. 082135
Production of **pectolytic** & cellulolytic enz- 089180
Lipoxygenase-mediated **pentane production:** 083596
Pheromone production & mating behaviour 090704
Dendroctonus: **production** of **pheromones** & 090172
studies of plant **photosynthetic production.** 087315
relation to its **production** & some **physical-c-** 087236
animal health in **piglet production.** A field s- 083915
Increase of **production** in **pine** monocultures 086044
methods in livestock **production, planning** & 082183
socialist intensification in **plant production.** 082146
promoting substances in **plant production.** 087311
of water & light in **plant production.** 087314
promoting substances in **plant production.** 087316
of water & light in **plant production.** 087319
Plant production of wild type plants in Ipo- 088216
socialist intensification in **plant production.** 088439
Biometrical decision aids in **plant production.** 088538
machinery for **production** of **plants** & possib- 091332
Production of **plywood** by use of New Guine- 086149
Desert **pollen production.** I. Qualitative infl- 087239
Study on **production** of **pollen** by plants. [087572
Production of **Populus** x euramericana prop- 086018
of technology & **production** of **potash** fertili- 091823
returns, & efficiency of **potato production** in 082261
Small scale **poultry production.** 083951
Commercial **poultry production.** 083979
Effects of **production practices** on corn yields 082255
Production practices for pimiento pepper--fe- 088567
Certainty in **production,** a **prerequisite** for s- 082348
Present production & promotion of Ise tea. 082419
of solving some **production problems** by use 086124
Production & **problems** of rice fallows cotton 088377
Effect of **production process,** regimen of the- 083491
sanitary rules for **production, processing** & d- 083337
Technology of **production** & **processing** sweet 083815
Production & **processing** of seed in Bhendi. 088821
Meat & meat **products production.** 082569
weather forecasting in **profitable production** 088760
Production & **properties** of boards from spr- 086155
Production & some **properties** of riboflavin- 087449
Microbial **protein production.** [Feed, food]. 083183
Protein production by local yeast strains wi- 087636
properties of rapid **production prune** juice & 082921
Means to improve **pulses production** in Tha- 088621
nutritional properties of **rapid production** p- 082921
Logging **production rates** in young-growth, 086264
Rational production of ploughing test mater- 091335
Dairy--official **production records** & their use 082105
Age adjustment of **production records:** histo- 084858
sales pattern & **production requirements** for 082395
Variability of **resin production** in pine stands 086188
system for cauliflower **production--result** of 091346
A guide to year-**round production** of minor 088637
Rubber production. [Hevea brasiliensis]. 088948
Quality & **production security,** for & against 082721
Production of **seed** from tapped & untapped 086032
Experimental studies on **seed production** of 087111
farms in plant breeding & **seed production.** 087113
maintenance of varieties for **seed production** 087146
Medicato sativa L.) for **seed production.** 087647
Hybrid-4 cotton **seed production** & cultivati- 088395
Experimental studies on **seed production** of 088466
On **seed production** of tropical grasses in K- 088543
picking of green pods on **seed production** of 088890
Production of **seedless** grapes by gibberellin 088094
cocoon crops in Mysore. [**Silk production**]. 091151
promoting growth of **production** of **slaughter** 082626
Influence of carbon on **production** of **slime** 091714
of intensive methods for **producing softwood** 086062
Sound production in Scolytidae: stridulation 090694
Alar-notal & tegmino-alar **sound production** 090745
element particle in heat-**producing spadix** a- 087459
province. [Agricultural **production Spain**]. 082486
Accidents in **production** of **sparkling** wines 083758
Fusarium-species on **sperm production** of ga- 084084
Statistics, production & investments in food 082494
Production, storage, & use of photosynthate 088252
One view of cultivation of **straw producing** c- 089483
Commercial **strawberry production.** 088828
Growth & **production structure** of Acacia mo- 085932
Growth & **production structure** of Acacia mo- 085934
Environmental factors in **swine production;** 083985
of sweet sorghum for **syrup production.** 088534
Problem of **production technique** concerning 084704
Production techniques on garden plants. 9. 088554
Production tests in plant communities of m- 086619
Egg **production--threatened** by big business. 082567
Seasonal variation in **production time** of He- 088923
Magnets activate feeder for **top-producing** c- 084664
density of stand on **production** of **total** dry- 087649
Toxin production by Helminthosporium ma- 089211
correlations between main **production traits** 084918
More than 500 wood **producing tree** species 086006
of herbicide utilization in **production units.** 089708
virens (Liliaceae). II. **Univalent production** 086970
Production & **utilisation** of cotton linters. 083569
with large-scale **vaccine production.** Summa- 085232
Production of **veal** from calves in southern I- 082196
transition to field **vegetable production** along 088659
sprinkler systems in **vegetable production.** 088661
technology for field **vegetable production.** [091347
sprinkler systems in **vegetable production.** 091349
to intensify field **vegetable production.** 091884
transition to field **vegetable production** along 092107
administration in **vegetal production** farms f- 082172
Dynamics of **wheat production** on socially 082179
1972 year, a bad year for **wine production.** 083834
sugars on development & **wing production** in 090640
More than 500 **wood producing** tree species 086006
An attempt to increase **wool production** in 084920
World production of rapeseed & investigati- 082706
of agricultural aircraft in **production zone** of 091331
Production zones of mate. [Ilex paraguarien- 082530

PRODUCTIVITY

Viticulture topics? [**Agricultural productivity**] 082660
Sustained **biological productivity.** [Natural 092362
Productivity of **calves** following growth. [Fl- 084558
indices & **productivity** of **cotton.** 087655
Productivity of **Eragrostis** eriopoda in a mul- 087903
Capital structure & **productivity** on **farms** in 082244
An investigation of **productivity** of **heather** 091754
for improved seed & **herbage productivity.** 087111
Breeding for **increased productivity.** [Sheep] 084953
Productivity of **intermediate** wheatgrass as 088357
divergent selections for **juvenile productivity** 087730
Investigations on **labor productivity.** [Forests 085910
of barley on **productive performance** of Fries- 084444
Age structure & **productivity** of **pine** forests 085879
Growth & **primary productivity** of kobanoy- 085933
algal communities & **primary productivity** in 086667
A consideration of soil **productivity problems** 091988
raising calves on their **productive qualities.** 084016
Farm size & **productivity relationship--**new 082127
Resource productivity in Mexican & indige- 082193
An analysis of water **resource productivity** 092232
A consideration of **soil productivity** problems 091988
Northwest of America: **productivity survey.** 085857
Productive values of Caucasians bees, Polish 091207
Formation & **productivity** of **young** pines at 085880

PROFITS

Control profit-stealing horn flies. [Cattle]. 090225
for modernization & **profits** from **grape** cult- 091424
To problems how to compute **gross profit** in 082084
harvest-one-two punch for **increased profits.** 082198
Bisagi moong, a **profitable intercrop** in suga- 088373
Profitable manufacture of yogurt & propagat- 083345
weather forecasting in **profitable production** 088760
Is combine **sowing profitable?** 091340
Good nitrogen fertilizer is **profitable** in **spite** 091919

PROGENY

on fertility & fattening capacity of **progeny** 084667
in rations of pregnant dam on their **progeny** 084682
on fertility & fattening capacity of **progeny** 084902
of White Leghorn hens & their **progeny.** 084908
lactation & traits of **progeny** in **cattle.** 084842
of serum albumins from **progeny** of **chickens** 084028
in pregnant sows & their **progeny dosed** with 090347
Results of a **first progeny** test in production 084879
eggs & in tissues of **progeny following** egg d- 084078
lactation & those of their **progeny, reared** in 084901
Progeny testing for forage yield in tall fesc- 086889
spermia, as a method of **progeny testing** & s- 084876
vaccines in **progeny** from **vaccinated** parental 085201

PROGESTERONE

of 17beta-estradiol & **progesterone.** 084231
Degradation of **progesterone** by **aspergilli-si-** 087635
single injections of **progesterone** on **oestrous** 084208
Effects of prolactin on **ovarian progestin** sec- 084298
Ovarian progestin secretion after enucleation 084299
Changes in peripheral **plasma progesterone** 084871
Effect of **progesterone** on **preservation** & vi- 084968
Effect of **progesterone** on **reaction** of sheep 084033
of **progesterone** by **suspension** cultures of D- 087510

PROGRAMMING

of forest road by **dynamic programming.** 085935
Goal programming for forest management. 085914
Linear programming use for evaluating water 092272
of realization & **programming lines.** 083441

PROGRAMS

Agricultural program aides--why not? [Texas 081954
improved vocational **agriculture programs.** 081903
Agricultural **program aides--**why not? [Texas 081954
New **program aimed** to reduce swamp fever 085497
included in European **aneuploid program.** 086834
landscape **architecture programs** in United 088680
for 1973 for realization of **breeding program** 084940
of farm planning including **building program** 091235
origin inspection & **certification program.** 082763
with integrated **control programs.** [Orchard 081905
of horn fly & face fly **control programs** in s- 090248
Florida's **program** for **economical** citrus pro- 088679
of food & nutrition **education program.** 082982
A **feeding program** for summer. [Dairy cattle 084393
diets & influence of pre-**feeding program.** 084610
potassium fertilizers from **fertilizer program** 092008
Canadian Institute of **Forestry program** on 085819
Ideal program for nutrition of lean swine. 084516
by means of a tree **improvement program.** 086009
Pregnancy **management program.** [Dogs]. 084753
Pasture programs for replacement beef heifer 083969
Environment **protection program** for Papua- 092436
to function in sterile-**release programs.** [Da- 090028
Water **resources programs** of U.S. Geological 092281
A complete **selection program** for Limousin 084906
in, choosing an optimal **thinning program.** [P- 085937
Livestock policies & **programs** in **Tuscany.** 082590
Plan your **vaccination programs** for 1973. 085336

PROJECTION

orientation data by equal-**area projection** te- 087338
Projections of **farm** numbers & sizes in Sou- 082178
Projections of **household** expenditures in In- 082243
Trends & **projections** in **Kentucky's** livestock 082602
Projection & **weight** of Artemisia diffusa in 087211

PROLACTIN

SEE LUTEOTROPIN

PROLIFERATION

New knowledge on **proliferation** in **apple-tr-** 088238
Lympho-proliferative & allied lesions on per- 085684
Proliferative optic neuropathy in horses. 085756

PROLINE

Conversion of arginine to **proline** in **chick.** 084266
of immersion on development of **free proline** 087188

PROPAGATION

Accelerated propagation of cotton breeding 086849
Propagating black walnut clones from rooted 088847
on development & **propagation** of **cereal** aph- 089852
of Populus x **euramericana propagating** mat- 086018
in production of **forest propagating** material 085670
Propagating with **hardwood** cuttings. [Shrubs 088731
Complex protection of **propagating material** 086020
Propagation of **ornamental** plants under mist 088199
agar mediums for **propagation** of **ruminant** 085316
in woody plants by **vegetative propagation;** 086017
scale method for **vegetative propagation** of 086076
of yogurt & **propagation** of **yogurt** cultures. 083345

PROPANE

PVP [polyvinylpyrr olidone]-n-**propanol.** 083144

PROPHASE

DNA synthesis during **meiotic prophase** in 084120
of DNA synthesis during **meiotic prophase** in 086771
diplotene stage of **meiotic prophase.** 090626

PROPHYLACTIC

Prophylaxis of **anemia** must use routine me- 085731
Shipping **fever prophylaxis:** shipping fever i- 085465
Therapy & **prophylaxis** of **gastroenteritis** in 085702
Prophylaxis & **immunization** in mice by use 085468
microflora in **prophylaxis** of some **infective** 085573
Specific prophylaxis for Anaplasma infectio- 085453

PROPIONIC

of damp maize treated with **propionic acid.** 083530
rapeseed treated with **propionic acid** as an 084488

PROPULSION

acntone t-300, a self-**propelled machine** for t- 091430
Standard tractor, **self propelled** tractor, sys- 091475

PROPYL

to biuret as an NPN [n-**propyl nitrate**] supp- 084597
of culture-media by **propylene oxide.** [Fungi- 089160
Comparative effects of **propylene oxide,** sod- 091739

PROSIMULIUM

in larvae of **blackfly Prosimulium** mysticum 090502

PROSOPIS

mesquite to herbicides. [**Prosopis juliflora** g- 089724

PROSPECTS

SEE FORECAST

PROSTAGLANDINS

of mare's oestrous cycle by **prostaglandins.** 084872
Potential uses of **prostaglandins** in **control** of 084838
Use of **prostaglandins** in **veterinary** medicine 085071

PROSTATE

anti-androgen on hyperplastic **dog prostate.** 085726

PROTEACEAE
Chemical studies of **Proteaceae.** VI. Two na- 087247

PROTEASES
in winter wheat caused by **protease.** 087899
of feeding on midgut **protease activity** in Ae- 090643
Diet dependent cycling of **protease activity** 090650
Histochemical studies on **protease formation** 088176
of dairy products by a heat-**stable protease** f- 082802

PROTECTANTS
rays combines with **chemical protectants** & 087147
study application of **protectant** & **results** aft- 090179

PROTECTION
years of nature **protection activity.** 092314
Control of dairy cattle & **protection against** 085379
free defective T particles to **protect against** 085468
An example of **protection against** damage fr- 089516
of western Hungary & **protection against** er- 091482
Saint **Antony, protector** of livestock. 084001
Ant fauna of nature **protection area** in Rete- 091050
new decree for **protection** of **bees.** 091078
architecture & for **bird protection.** 088644
Protection of **chickens** afforded by commeri- 085266
Protect chicks against infectious diseases. 085486
Complex protection of propagating material 086020
associated with **protection** & **drainage** of Da- 092119
Protective effect of an inactivated avian cor- 085246
anemia in growing pigs: **protective effect** of 085691
Seed **protection ensures** better crop product- 089481
legal systems for **protection** of **environment** 082583
Waste, **environment protection** & food prod- 083177
Recent, **environment protecting** methods of 089781
with respect to **protection** of **environment.** 090316
Protection of **environment** attempt of a criti- 092309
with respect to **protection** of **environment.** 092323
Recent, **environment protecting** methods of 092345
Biological bases of **environment protection.** 092346
Protection of **environment** & care of agricul- 092388
Waste, **environment protection** & food prod- 092399
Environment protection program for Papua- 092436
partially resolved **environmental protection:** 091078
study of **environmental protection** & admini- 092096
partially resolved **environmental protection:** 092304
Environmental protection: A challenge for c- 092325
Environmental protection in 1973. 092335
Protection of **exotic** timber species in Slova- 085940
description of our **protection experiments** & 090044
Significance of milk as **protective food.** 083350
Protection of **foods** & human safety. 082842
of forests on forest soils, & **forest protection** 085821
in Bulgaria. [Formicidae, **forest protection**] 085877
Smudging. [**Frost protection**]. 089501
Malathion for **grain protection** & its applica- 090209
State & problems of **health protection** of liv- 085157
factors of plant **protection implements.** 091403
in District of Cottbus to **improve protection** 089470
Soil & **land protection** in Soviet Union. 092043
Land protection is beneficial to free-living a- 092311
protection & caring for **land protection".** 092351
Rational **landscape protection** of non cultiva- 092352
of Austrian plant **protection legislation.** 082632
Protect your **livestorck** & yourself from hyd- 090240
application of plant **protection materials.** 089523
in application of plant **protection materials** 090323
role of plant **protection measure** vis-a-vis fer- 089479
profitability of plant **protection measures.** 082251
Recent, environment **protecting methods** of 089781
of forestry & **protection** of **natural** environm- 085981
mosquitoes & **protection** of **nature.** 090271
Ant fauna of **nature protection** area in Rete- 091050
Activities of **nature protection** in Bern Cant- 092312
conscience; 60 years of **nature protection** act- 092314
Sixty years of Federal **nature protection.** 092315
Nature protection in county of Bacs-Kiskun 092344
"publicity work for **nature protection** & car- 092351
on initial tasks of a local **nature protection** 092441
Organization of **protection** of **palmetto** gard- 089563
Protection of **peaches** against damage from 090051
poultry products for **peoples protection.** 082768
Nematicidal dips for **protection** of **pineapple** 089459
Aspects of profitability of **plant protection** 082251
Silver jubilee of Austrian **plant protection** l- 082632
Shelterbelts **protect plant** moisture. [Field c- 087867
cultivation & integrated **plant protection.** 088371
of measures of chemical **plant protection** wh- 089446
grove practices. [Citrus, **plant protection**]. 089462
cultivation & integrated **plant protection.** 089476
Complementary role of **plant protection** me- 089479
better than just spray. [**Plant protection**]. 089504
Aspects of profitability of **plant protection** 089521
professional application of **plant protection** 089523
Center for Tropical **Plant Protection**--its ta- 089529
Silver jubilee of Austrian **plant protection** l- 089540
Possibilities of integrated **plant protection** in 089582
chromatography proof of **plant protection** m- 090308
Development & uses of **plant protection** & 090316
in application of **plant protection** materials 090323
chromatography proof of **plant protection** m- 091059
Adjustment factors of **plant protection** impl- 091403
in application of **plant protection** materials 091843
Development & uses of **plant protection** & 092323
preventing game damage. [**Plant protection**] 089533
of measures for **protection** of **plants** on secu- 089471
Environment **protection program** for Papua- 092436
A new biocide for **protection** of **pruduce** in s- 082871
Seed protection ensures better crop product- 089481
Shelterbelts protect plant moisture. [Field c- 087867
copolymer Curasol AE in **soil protection** fr- 092053
fungicide preparation for **surface protection** 082855
Wood protection & treatment of surface area 086146
fire inhibiting paints for **protection** of **wood** 086164
On **protection work** for cutting slope of fore- 085906

PROTEINASES
specificity of microbial **acid proteinases** for 087229
specificity of microbial **acid proteinases** for 087230
Structure & activity of **alkaline proteinase** f- 083606
egg white. I. Effect on **proteinase inhibitors.** 082668

PROTEINS
Some reflections on **protein.** [Nutrition]. 082912
review of fats, fat products & **proteins.** 083210
tocopherol oxidation products with **protein.** 083230
sources (raw sugar & yellow corn) & **protein** 084707
Breeding cereals for **protein.** [Corn, wheat, 087165
reaction aspects of astringents for **protein.** 088093
Period of **protein-absorbing** ability. 084285
An arginyl-transfer ribonucleic **acid protein** 087846
Amino **acids, protein** & lactose contents of 083247
of blycogen, sugars, nucleic **acids, protein** & 090231
Effect of caloric & **protein additives** adminis- 084667
of digestibility of **alfalfa protein** concentrates 084600
On **protein** & **amino** acid content of Capsic- 088080
Serological identification of **animal proteins** 083473
Production of **animal proteins** dating from d- 084431
Significance of **protein** in **animal** feeding--po- 084511
of supplements to increase **protein available** 084503
hydroxy analog on **bacterial protein** synthes- 084220
Biological value of **proteins** for **beef** cattle. 084402
molecular weight colchicine **binding protein** 087238
cyclic monophosphate-**binding protein** from 087257
A, carbohydrate-**binding protein** of jack bean 088066
Plant ribosome-**bound proteins:** a fraction fr- 087962
Possible identification of a **protein** in **brome** 089423
jack bean, with model **carbohydrate-protein** 088066
Characterization of an acyl **carrier protein** 087268
Biological value of synthetic **protein carriers** 082924
B values of different **protein carriers** in broi- 084636
value for growing pigs of single **cell protein** 084389
analysis of transfer of **certain proteins** from 084171
that govern folding of **protein chains.** 083215
homologies of acidic **chromatin proteins** in h- 087372
characterization of two **proteins** with **co-lip-** 084094
Determination of **protein** by means of **color** 083648
peanut meal as **complementary protein** supp- 084506
Conformational changes of **protein complex** 087747
Protein complex in economically valuable 087750
of mashing intensity on **protein composition** 083541
Yield & **protein composition** in cows milked 084853
of phytic acid in wheat **protein concentrate** 083555
of a detoxified rapeseed **protein concentrate** 084661
Fish **protein concentrates:** recent advances. 082805
digestibility of alfalfa **protein concentrates** 084600
Protein concentration & determination of p- 083256
with model carbohydrate-**protein conjugates** 088066
Comparative study of **protein constituants** of 083390
determination of **protein content:** Present & 083256
content, total & soluble **protein content,** & 083272
on determination of whey **protein content** in 083362
for quick determination of **protein content** in 083429
Protein content of wheat & flour summary of 083649
Value of **protein content** of sorghum grain in 084440
of gluten content o crude **protein content** as 087178
Relationship between **protein content** & ma- 087298
Leaf **protein content** of some Kenya vegetab- 088021
acid on soluble **protein content** of broadbea- 089855
may help solve world **protein crisis.** [Human 082937
Effect of dietary **crude protein** level on inte- 084472
Performance related **crude protein** & amino 084637
Effect of dietary **crude protein** level on inte- 085312
relation of gluten content o **crude protein** c- 087178
of formation of intranuclear **crystal proteins** 090678
analysis of quasi-**crystalline protein** from N- 087221
Production of animal **proteins dating** from d- 084431
of spermatozoal **deoxyribonucleo-protein** dur- 084870
of an acyl carrier **protein dependent** system 087268
fatty acids & glucose for **protein deposition** 084102
acids of swine as influenced by **diet protein** 084581
amounts of a medium & a high **protein diet** 084604
amounts of a mediumand high-**protein diet** 084605
of biological value of **dietary proteins.** XVII: 082945
Influence of **dietary protein** & carbohydrate 084265
Effects of **dietary protein** level & feed restri- 084565
Effect of **dietary protein** level & protein sou- 084602
Influence of **dietary protein** on skeletal mus- 084662
in chickens fed high & low **protein diets.** 084599
B values of **different protein** carriers in broi- 084636
Protein distribution in oat (Avena sterilis L. 086908
immunodiffusion analysis of **egg proteins** wi- 083500
relations between **egg proteins** & blood ser- 084253
containing opaque-7 **endosperm proteins.** 084641
Protein & energy retention of growing geese 084314
Protein & energy in rations for fattening H- 084492
of in bitro heating on **proteins** & **enzymes** f- 087712
Proposed system of **evaluating protein** nutrit- 084412
method for fiber free **protein extraction** of d- 083791
under vitro conditions. 4. **Protein** & **fatty-ac-** 084061
process for scp. [microbial **protein, feed** sup- 083900
reticulum & appearance of **protein filaments** 086817
Role of world dairying **filling protein** gap. 083343
Fish protein concentrates: recent advances. 082805
mercury bound to solubilized **fish protein.** [082822
studies on hydrolyzed **fish protein.** 083199
from Dortmund overseas. [**Food, protein** sou- 083224
New **protein foods** & future demand for meat 082362
Determination of **foreign protein** in sausage 083428
proteins. I. distribution of **protein fractions** 083655
chemical method for fiber **free protein** extra- 083791
Role of world dairying filling **protein gap.** 083343
characterization of **gel proteins** of wheat flo- 083553
Interaction between **proteins** & **glucosinolate** 087830
as related to yields of grain & **grain protein** 086903
Add some **protein** with **grazing** crops. 084639
of procedure to determine **gross protein** val- 084610
Evidence for a **group protein** in foot-and-mo- 085395
for transport of **haemolymph protein** into cu- 090686
Hemolymph proteins of granulosis virus inf- 090564
amounts of a medium & a **high protein** diet 084604
amounts of a mediumand **high-protein** diet 084605
associated RNA & non-**histone proteins** in a- 084121
Importance of **protein** in **human** diet. 082933
Protein identification by dye method & its 083650
of supplements to **increase protein** available 084503
source of **protein** & other **ingredients.** 083080
Observations of effect of **protein intake** & s- 084202
amino-acids, of **proteinaceous intranuclear** c- 090716
of casein & pancreatic **juice proteins** in rat. 084660
Study of **protein-kinase** activity associated 085180
Leaf protein content of some Kenya vegetab- 088021
Water-retaining ability & **proteins** of **leaves** 088034
About **protein level** in feeding milk cows. 084471
Effect of dietary crude **protein level** on inte- 084472
methyltestosterone & **protein level** in diet of 084564
Effects of dietary **protein level** & feed restri- 084565
of swine as influenced by diet **protein level,** 084581
Effect of dietary **protein level** & protein sou- 084602
growing chicks. II. Optimum **protein level** in 084610
Effect of dietary crude **protein level** on inte- 085312
of alkylation of **proteins** with **lodoacetamide** 083499
didn't balance ration with **luquid protein** su- 084534
Protein, lysine, & grain yields of Triticale & 087768
of feedlot cattle: **metabolizable protein** & ur- 084412
Microbial protein production. [Feed, food]. 083183
bacterium process for scp. [**microbial protein,** 083900
Harz & Mainz cheese, modern **milk protein** 082346
Mechanism of biosynthesis of **milk proteins.** 083284
Studies on determination of **milk protein** by 083363
Alternate sources of non-**milk protein** for ca- 084408
Changes in **milk protein** separation pattern 084585
Mastitis & **milk proteins.** 085347
in whole myofibrils & **myofibrillar proteins** 082964
World **needs protein**--a piece of textured art- 082934
Extraction of **nonprotein nitrogen** from oils- 083552
with urea as NPN[non **protein nitrogen**]-so- 084061
Non-**protein nitrogen** utilization by ruminan- 084556
on growth & content of **protein nitrogen** in 087745
Basic **nuclear proteins** of cellular slime mold 087342
system of evaluating **protein nutrition** of fee- 084412
Comparison of **protein nutritional** value of 082962
with growing chicks. II. **Optimum protein** l- 084610
Metamorphosis of **protein pattern** of haemo- 090843
electrophoretic analysis of **peanut proteins** 082951
electrophoretic analysis of **peanut proteins** 082952
Tester for estimation of **protein percentage** 083319
for choosing right **plant protein.** 082941
Food plants. [Nutrition, **plant proteins**]. 082975
selenium] binding to rat **plasma proteins.** 082992
On **protein** in **potato,** maize & rice starch. 083218
Use of **protein preparations** obtained from s- 084680
Special soy **protein product** for bread baking 083537
Microbial **protein production.** [Feed, food]. 083183
Protein production by local yeast strains wi- 087636
Mainz cheese, modern milk **protein products,** 082346
basis of energy & **protein provision** of cattle 084512
On significance of weighed **protein provision** 084518
Floury-2, used in breeding for **protein quality.** 087911
Influence of a detoxified **rapeseed protein** c- 084661
Protein required in starters for claves fed m- 084593
Energy & **protein requirements;** report of a 083006
Primary changes of **reserve proteins** during 087740
of cycloheximide on **respiration protein** syn- 087551
morphology & in vitro studies of **rna protein** 090598
On **seed proteins.** I. distribution of protein f- 083655
Comparative study of **seed proteins** of certa- 086339
Changes in milk **protein separation** pattern 084585
CAF) electrophoresis of **serum proteins** of n- 084063
pressure (COP) of blood **serum proteins** in 084336
storage. II. Changes in **protein solubility** & 082956
of moisture content, total & **soluble protein** 083272
On existence of **soluble proteins** with comm- 087192
acid on **soluble protein** content of broadbea- 089855
distribution of **proteins** in **sorghum.** 084559
Cheese as a **protein source.** 082973

Exploitation of livestock, a **protein source** f- 083939
of dietary protein level & **protein source** of 084602
two levels of copper & two **protein sources.** 082909
Dortmund overseas. [Food, **protein sources,** 083224
Special **soy protein** product for bread baking 083537
enzymatic degradation of **soy protein.** 083658
Essay of **soya-protein** in meat products by i- 083396
Female **specific proteins** in Triatoma infesta- 090691
Protein substitute by means of urea in feedi- 084527
Use of **sunflower proteins** in making bread. 083588
acid as an energy & **protein supplement** for 084488
Rapeseed meal as a **protein supplement** for 084497
acid treatment of **protein supplement** for da- 084504
ration with luquid **protein supplement.** 084534
meal as complementary **protein supplements** 084506
Present & future situation of **protein supply** 082426
analog on bacterial **protein synthesis** from u- 084220
Inhibition of **protein synthesis** in meiotic ce- 086768
estate in Neurospora by **protein synthesis** inh- 087100
on respiration **protein synthesis** & adenosine 087551
of barley: Inhibition of **protein synthesis.** 087682
Protein synthesis during meiosis. [Lilium]. 088069
vulgaris. IV. Patterns of **protein synthesis** in 088164
Protein synthesis in cotyledons of Pisum sat- 088173
Effects of **protein synthesis**-inhibiting antibi- 090511
in vitro studies of rna **protein synthesis.** 090598
Synthetic proteins: impact on agriculture. [082654
Biological value of **synthetic protein** carriers 082924
Synthetic proteins: impact on agriculture. [082994
In vitro **protein systhesis,** ribosomal RNA s- 087341
proteins & blood serum & **tissue proteins** of 084253
In vivo removal of **protein** from **tobacco** mo- 089413
transfer ribonucleic acid **protein transferase** 087846
of concentrate's **protein** with **urea** on nitrog- 084544
Protein utilization in ruminants. [Sheep]. 084501
procedure to determine gross **protein value** 084610
value of TVP, [textured **vegetable protein**] 082962
Vegetable proteins in basic meat products. 083442
Protein-vitamin paste made from Chlorella 084537
In **vitro protein** systhesis, ribosomal RNA s- 087341
gel filtration of Triticum **vulgare proteins** in 087826
On significance of **weighed protein** provision 084518
Changes in dry **weight, protein,** & nucleic ac- 090675
breadmaking of phytic acid in **wheat protein** 083555
Trials on determination of **whey protein** con- 083362
Petroleum may help solve **world protein** cris- 082937

PROTEOLYTIC
of various casein systems to **proteolysis.** 084227
Proteolysis, absorption & excretion of imm- 084130
Localization of **proteolytic activity** in Fascio- 085402
lignosulphonic acids on **proteolytic activity** 085603
Studies on **proteolytic-enzyme**-producing ba- 083372
rhizome: a new source of **proteolytic enzyme** 088088
of amylolytic & **proteolytic enzymes** of Asp- 083010
of amylolytic & **proteolytic enzymes** produc- 083103
examinations of their **proteolytic enzymes.** 089758
Proteolytic & lipolytic enzymes from larvae 090438
casei variety casei to **proteolysis products** in 083315

PROTHORACIC
SEE THORACIC

PROTHROMBIN
some properties of **canine prothrombin.** 084254

PROTOCHLOROPHYLL
stress on **protochlorophyll & chlorophyll** fo- 087633

PROTOLIGNIN
Hydrogenolysis of **protolignin.** VII. Isolation 086177
Hydrogenolysis of **protolignin.** VIII. Isolati- 086178

PROTOMYCOPSIS
germination in **Protomycopsis species.** 087384

PROTOPLASTS
for agglutination of **protoplasts** from **cell** su- 088177
of nuclei into **protoplasts** of **higher** plants. 088233
Behaviour in culture of **isolated protoplasts** 086809
labeled DNA into **isolated protoplasts** of Pe- 088231
serum albumin into **isolated protoplasts** of 088232
in calli originated from **isolated protoplasts** 088236
of Petunia [hybrida] **leaf protoplasts.** 088020
Separation of **mesophyll protoplasts** & bund- 086804

PROTOZOA
Rumen **Protozoa big** bugs. [Fermentation]. 084129
Save your cattle from **bloody protozoa.** [Pa- 085348
Bacteria & **protozoa** in **rhizosphere.** 087466
total bacteria & **protozoa** in **rumen** liquor. 084550

PROTOZOOLOGY
results & trends in research in **protozoology** 085439

PRUNES
regulating chemicals on **prunes & cherries.** 088121
Optical sorting of **dried prunes.** 083728
fertilizer requirement of **Italian prune.** 088122
properties of rapid production **prune juice &** 082921

PRUNING
Pruning Bramley's seedling apple. 088614
vinifera grapes. IV. Effect of **pruning, bunch** 088886
studies on effect of **chemical pruning** on red 088858
Corrective pruning young black walnut trees 088845
Pruning of **fruit** trees. 088885
Effects of **leaf pruning** on some characteristi- 088525
Pruning operation by tree **pruning machine.** 086130
Astab--an equipment for **mechanical pruning** 085993
Pruning rhododendrons. 088754
Technical pruning of forest trees with a new 086016
Root & **top pruning** of white spruce at time 086023

PRUNUS
Range of **Prunus americana** in New England 086531
Gloeosporium **amygdalinum, Prunus** amygda- 089021
plants & their hybrids. **[Prunus amygdalus]** 087993
grafting combinations. **[Prunus amygdalus].** 087994
Apricot-tree **(Prunus armeniaca** L.) cv. 'ton- 089099
pollen tube growth in **Prunus avium** L. cv. ' 087933
in developing fruit of **Prunus cerasus** L. II. 087932

PSEUDALETIA
granular carbofuran. **[Pseudaletia unipuncta]** 089915

PSEUDOCOCCIDAE
Homoptera: **Pseudococcidae** on **ornamental** 090011

PSEUDOMONADACEAE
generalized computer model. **[Xanthomonas]** 086902
bacteriosis in Italy. **[Xanthomonas fragariae** 089304
Occurrence of **Xanthomonas fragariae** Kenn- 089311
blight of cotton. **[Xanthomonas malvacearum]** 089308
for isolation of **Xanthomonas malvacearum** 089310
of rice varieties to **Xanthomonas oryzae.** [B- 089321

PSEUDOMONAS
milk collection. **[Pseudomonas, Aeromonas,** 082862
jamesonii incited by **Pseudomonas cichorii.** 089319
oats in Kenya. **[Pseudomonas coronafaciens]** 089298
protease from **Pseudomonas fluorescens** P26 082802
Seedborne **Pseudomonas glycinea** & fungi af- 089239
on leaves & buds. **[Pseudomonas glycinea].** 089314
Seedborne **Pseudomonas glycinea** & fungi af- 089320
pseudomonads. **[Pseudomonas marginalis].** 089328
favorable to disease **(Pseudomonas mors-pr-** 089295
field soils with **Pseudomonas solanacearum.** 089317
medium to study ecology of **Pseudomonas s-p.** 091529
Bacterial diseases, **Pseudomonas tabaci].** 087158

PSEUDOPERONOSPORA
of cucumbers. **[Pseudoperonospora cubensis,** 089135

PSEUDOPEZIZA
SEE MOLLISIACEAE

PSEUDOPLUSIA
in populations of **Pseudoplusia includens &** 090039

PSEUDOTSUGA
woody areas in 1972. **[Acarina, Pseudotsuga** 090147
litter fall. [Pinus, **Pseudotsuga, forest** soils] 091643
Douglas-fir thinning. **[Pseudotsuga menziesii]** 085987
in Douglas-fir. **[Pseudotsuga menziesii].** 086069
coastal Douglas-fir. **[Pseudotsuga menziesii]** 086070
fir pulpwood chops. **[Pseudotsuga menziesii]** 086256
Douglas-fir seedlings. **[Pseudotsuga menziesii]** 088261
Frost resistance in **Pseudotsuga menziesii** of 088279
Pinus monticola, **Pseudotsuga menziesii,** Th- 089575
monoterpenes. [Pinus, **Pseudotsuga menziesii]** 090172
return in four species. **[Pinus, Pseudotsuga]** 088272
return in four species. **[Pinus, Pseudotsuga]** 091642

PSEUDOTUBERCULOSIS
SEE TUBERCULOSIS

PSOCOPTERA
new records of Myopsocidae **(Psocoptera)** f- 090952

PSOROPHORA
quadrimaculatus, **Anopheles psorophora].** 090226

PSYCHIDAE
Controlling bagworms. [Thyridopteryx eph- 090114

PSYCHOLOGY
quality index--crashing **psychological barrier** 092206

PSYCHROTROPHIC
Psychrotrophic bacteria in sliced ham. 082738

PSYLLID
On bionomics of sycamore **fig psyllid** Pauro- 090159

PSYLLIDAE
trichaeta Petty. Hemiptera: **Psyllidae.** [Ficus 090159
Southern **African Psyllidae** (Homoptera)--3: 090956

PTERIDOPHYTA
Ever hear of staking ferns? **[Pteridophyta].** 088641
systems in **homosporous pteridophytes:** a n- 087219

PTERIS
investigations on **Pteris vittata** L. II. X-ray 087130

PTEROMALIDAE
Walker (Hymenoptera: **Pteromalidae)** infest- 091008

PTEROSPERMUM
volume table for **Pterospermum javanicum** 085926

PUBERTY
Post-**puberty estrus** cycle & gestation period 084748
of ovary of **prepubertal & sexually** mature gi- 084386

PUCCINIA
on cereal rust uredospores. **[Puccinia].** 089008
with cercospora leaf spot. **[Puccinia arachid-s]** 089184
of teliospores of **Puccinia carthami.** [Rust]. 089202
gramineous crops to **Puccinia coronata** F. sp. 089123
for reaction to stem rust. **[Puccinia graminis]** 086911
Physiological races of **Puccinia graminis** Pe- 087155
Sulphur metabolism of **Puccinia graminis** f. 089109
Physiological races of **Puccinia graminis** Pe- 089257
albo-atrum] wilt. **[Puccinia helianthi].** 089237
graminis f. sp. hordei & **Puccinia hordei** in 089056
serious problem. **[Puccinia pelargoniizonalis** 089155
infection of Sorghum. **[Puccinia purpurea].** 089039
varieties of wheat. **[Puccinia recondata].** 088989
North Dakota in 1972. **[Puccinia recondita]** 089150
North Dakota in 1972. **[Puccinia recondita]** 089218
in stripe rust. **[Puccinia striiformis,** Wheat] 089189

PUERPERIUM
SEE BIRTH

PUFF
Comparison of **homologous puffs** of third ch- 090619
DNA replication patterns of **puffs** in **male &** 090508

PULICIDAE
of dichlorvos vapor **against Xenopsylla** cheo- 090247
organ in male **Xenopsylla cheopis** poisoned 090234

PULMONARY
Occurrence of **pulmonary adenomatosis** of s- 085519
Isolation of sheep **pulmonary adenomatosis** 085575
Diffuse **pulmonary calcification** & ossificati- 085678
Pulmonary granulomas associated with PAS 085753
Pulmonary nocardiosis in a goat in Malawi. 085292
V. Identification of **pulmonary sheep** adeno- 085574

PULP
by use of grinding accelerators. **[Pulps].** 086124
distribution in turbulent tube flow. **[Pulp].** 086103
Ammonium sulphide as a **pulping agent.** II. 086233
bleaching variability for **bamboo pulp.** 083097
of drying process of sugar **beet pulp.** [Feed] 083878
of maize/dried sugar **beet pulp** diets on met- 084387
Dried potatoes & dried sugar **beet pulp** as e- 084691
structure of **pulp** during **bleaching.** II. Influ- 086210
Quick control methods for **pulp brightness** 086258
Dried **citrus pulp** as a grain replacement for 084566
agent. II. Optimum **pulping conditions** & p- 086233
of maize/dried sugar beet **pulp diets** on met- 084387
industry--a case for establishing a **few pulp** 083098
swelling, & twisting of **pulp fibers.** 086120
of bagasse for dissolving-**grade pulp.** 083094
Rayon **grade pulp** from Indian hardwoods. 086168
for effluents of paper & **pulp industry.** 086208
industry: byproducts usages. **[Pulp industry]** 086253
for effluents of paper & **pulp industry.** 092416
yield preduction equations in **kraft pulping.** 086259
Mechanical pulp--a product of future? 086245
Utilization of paper **pulp obtained** from fibr- 086112
as a pulping agent. II. **Optimum pulping** co- 086233
Tissue culture in **pulp & paper** industry. 086099
Utilization of **paper pulp** obtained from fibr- 086112
Environemntal burden by **pulp & paper** indu- 086209
Some aspects of **pulp & paper** industry in s- 086238
Potential oxygen application in **pulp & paper** 086254
Air pollution in **pulp & paper** industry. 092305
Environemntal burden by **pulp & paper** indu- 092417
on bleachable sulphite **pulps preparation** out 086122
Bleached abaca-**soda pulps.** [Musa textilis]. 086213
study of gabasse & wheat **straw pulping** for 083096
Study on bleachable **sulphite pulps** preparat- 086122
Defoaming & deaeration of **pulp suspension** 086212
a case for establishing a few **pulp units** in U- 083098
Wood **pulping waste** shows potential as catt- 084531
Evaluating **wood pulp** as feedstuff for rumin- 083880
Wood pulping waste shows potential as catt- 084531
Some studies on high **yield pulping** of bamb- 083097

PULPWOOD
affects quality of douglas-fir **pulpwood chops** 086256

PULSE
on improved methods of cultivation of **pulses** 088378
A note on control of weeds in **pulses** (peas 089668
A note on nutritive value of **pulse chunies.** 084547
disease of some warm weather **pulse crops** in 089388
Means to **improve pulses** production in Tha- 088621

Arhar is a potential **kharif pulse** of Punjab. 088492
Pulse radiolysis study of reduction of spina- 088042

PUMPKINS
transfer ribonucleic acids. [**Pumpkins**]. 087970
from Cucurbita cotyledons. [**Pumpkins**]. 088139
Arka Chandan, carotene-**rich pumpkin.** 088773

PUMPS
of automatically **controlled pumping** plants 092155

PUNCTURES
Lumbar puncture for collection of cerebrosp- 085002

PUPAE
to sterilant activity in **pupae** of **Anopheles** a- 090245
epidermis omit secretion of a **pupal cuticle** in 090676
flies. I. Ecological control of **pupal diapause** 089797
free amino acids in **pupa** of **Glossina** morsit- 090231
Cesium-137. II. Irradiation of **larvae, pupae,** 090189
methylcholine acetylation in **pupae** of **moth,** 090713
Studies on **pupal parasites** of common cabb- 090041
Studies on **pupal parasites** of common cabb- 090042
Larva & **pupa** of **predaceous** water beetle, 090478
on full-grown larvae & **pupae** of **Spodoptera** 089867

PURCHASING
Sale & **purchase** of **herbicides.** 089661
profitability of change of **purchasing system** 082416
Recent position & plans for **wheat purchase** 082399

PUREBREDS
Evaluation of **purebreds** & two-**breed** crosses 084850
authority will be for some **day purebred** sou- 091069
Construction of a **purebred evidence.** [Bees] 091144

PURIFICATION
juncea). **Purification** by **biospecific** affinity 087283
Purification & characterization of two prote- 084094
mori. II. **Purification** & **characterization** of 091098
Purification of **dextranase** from Penicillium 087281
to trickling filter **effluent purification** & to 091640
rice grains. VII. **Purification** & **enzymic** pro- 087669
performance of bulls & heifers **fed purified** 084571
Juice purification by means of pre-carbonat- 083585
Isolation & **purification** of **maize** nuclear D- 087804
Electrolysis as a **purification method** for eff- 086208
wheat seeds. I. **Purification method** of humus 091727
Electrolysis as a **purification method** for eff- 092416
Purification of a **mild** mottle strain of peanut 089379
Purification, molecular & catalytic properties 087686
of unsaponifiable of olive husk **oils purified** 083836
Purification & **partial** characterization of cit- 087821
Partial purification & properties of D-gluco- 088157
Purification of **pea** enation mosaic virus & i- 089358
Triticum aestivum: **purification** & **physical**-c- 087819
glycol for **purification** of **potato** yellow dwarf 089376
Purification & **properties** of ribonuclease H 084293
Purification & some **properties** of xylanase f- 087361
in plants. IV. **Purification** & **properties** of 3 087417
Purification of **sheep** immunoglobulins. 084338
Use of protococcal algae in **purifying waste** 092363
Purification of **wheat** germ agglutinin by aff- 083856

PURINES
Purine deoxyribooligonucleotides of DNA fr- 087451

PUSTULES
about an outbreak of **contagious pustular** de- 085590
bovine rhinotracheitis, **infectious pustular** vu- 085435
bovine rhinotracheitis/**infectious pustular** vu- 085565

PUTRANJIVA
endosperm cultures of **Putranjiva roxburghii** 086831

PYCNIDIUM
Perithecial & **pycnidial stages** of Pyrenopho- 086446

PYRACANTHA
SEE ROSACEAE

PYRALIDAE
Ostrinia nubilalis (Lepidoptera: **Pyralidae**), 089859
of Dioryctria (Lepidoptera: **Pyralidae**). IV. 090927
from Arkansas (Lepidoptera: **Pyralidae**). [N- 090928

PYRENE
of benzo (A) **pyrene** in **bitumen** & crops gr- 091590

PYRENOIDS
algae. [Chlorella **pyrenoidosa, Anacystis** nid- 087269
acid on growth of **Chlorella pyrenoidosa** & i- 087205
model ecosystems [**Chlorella pyrenoidosa**]. 090366

PYRENOMYCETE
About some **Pyrenomycetes** on **Alnus** viridis 089031
Coprophilous Pyrenomycetes from Japan. I- 086481

PYRENOPHORA
Pyrenophora teres & **Pyrenophora graminea** 086446

PYRETHRINS
semiquantitation of **pyrethrins** & **piperonyl** 089767

PYRETHROIDS
Synthetic pyrethroids: their possible role in 089828

PYRGOMORPHIDAE
forms. Orthoptera: **Pyrgomorphidae.** 090786

PYRICULARIA
of rice resistant to **Pyricularia oryzae** by mu- 086995
by rice blast pathogen. [**Pyricularia oryzae**] 089037

PYRIDINE
analogue, & 3,5,6-**trichloro**-2-**pyridinol:** resi- 090349

PYRIDOXINE
Cholesterol, pantothenic **acid, pyridoxine** & 091155

PYRILLA
Save sugarcane crop from **Pyrilla.** 089944

PYRIMIDINE
Fate of **pyrimidine dimers** in ultraviolet-irra- 087471

PYROGEN
Pyrogens & **pyrogen-free** water. 092242

PYROLYSIS
of oxidized lignin by **pyrolysis.** 086101
Pyrolysis of **brominated** wood. II. Different- 086123

PYROPHOSPHORYLASE
diphoshate]-**glucose pyrophosphorylase** from 087976

PYRRHOCORIDAE
development of **Pyrrhocoris apterus** (L.) (H- 090429
in varies & fat body of **Pyrrhocoris apterus** 090430

PYRROLASE
phosphatases & **tryptophan pyrrolase** in tiss- 084030

PYRROLINE
Pyrroline-5-**carboxylate** reductase from Cuc- 088139

PYRUVATES
catalytic properties of **pyruvate phosphate** d- 087686

PYTHIUM
enzyme" involved in virulence of **Pythium.** 089165
to infection by **Pythium aphanidermatum.** 089181
treatment. [**Aphanomyces, Pythium,** Polym- 089117
Control of **Fusarium, Pythium** & Rhizoctonia 089263
pathogenic Phytophthora & **Pythium spp.** fr- 088997

QUADRAT
plant or animal species using **quadrat sizes** 082498

QUADRATIC
method for linear & **quadratic regression** cal- 082101

QUAIL
levels on liver enzyme activities in **quail.** 084265
an avian adenovirus-associated virus. [**Quail**] 085377
of anian sarcoma virus B77 . [**Quail, chick** 085581
o-cresyl phosphate in rats & **Japanese quail** 084262
castration of female **Japanese quail.** 084897
Performance of crosses of **quail selected** und- 084862

QUANTUM
active agents on **quantum requirement** of ph- 087287

QUASSINOIDS
Chemistry & biogenesis of **quassinoids** (sima- 087578

QUATERNARY
of disinfecting **quaternary ammonium** comp- 083384
of pottack & small **Quaternary Equidae** of 084088
of Southwest **German Quaternary.** 091774

QUERCETIN
Quercetin 3,7,3',4'-**tetramethyl** ether from 087502

QUERCUS
SEE FAGACEAE

QUINCE
Fungus diseases of **quince.** 089261

QUINIDINE
control of efficacy of **oral quinidine** sulfate in 085661

QUINONE
Quinones & **respiratory** activity in Spoendo- 087476
Vitamin E, **tocopherol quinone** & selenium in 090647

RABBITS
Legal decisions on raising poultry & **rabbits** 082526
of digesta along alimentary tract of **rabbit.** 084041
A.C.T.H. cells in adenohypophysis of **rabbit** 084064
genome during early clevage in **rabbit.** 084131
nervous system & oviduct function in **rabbit.** 084272
basophilia in dogs, sheep & **rabbits.** 084357
How to get rid of recessive genes. [**Rabbits**] 084759
antibodies on embryonic survival in **rabbits.** 084846
of melengestrol acetate in **rabbits.** 084928
weight of young in two breeds of **rabbits.** [084949
relations of sexes in two breeds of **rabbits.** 084952
by complement fixation test. [**Rabbits**]. 085185
Coliform enteritis in **rabbits.** [Escherichia c- 085249
II. Analysis of antigenic fractions. [**Rabbits**] 085479
basophilia in dogs, sheep & **rabbits.** 086090
ticks injected into hemocoelom. [**Rabbit**]. 090294
Rabbit ailments & treatment. [Infections]. 085210
in two breeds of rabbits. [**Belgian Hare,** Ch- 084949
chloride transport across **rabbit blastocoele** 084101
from Schistosoma bovis. [**Rabbits, calves**]. 085188
breeds of rabbits. [Belgian **Hare, Chinchilla** 084949
in swine & **rabbits** with **corticosteroid** dexa- 084841
subsequent transport & fertility in **rabbit doe.** 084778
Palpating **domestic rabbits** to determine pre- 084760
on reproduction in **domestic rabbit.** 084866
on its uptake by **rabbit epididmymis.** 084100
in hypotonically treated **rabbit epididymal** s- 084794
island: introduction of **European rabbit** flea 090255
Infertility in **female rabbits** immunized with 084927
of surfactant in premature **rabbit fetus.** 084097
island: introduction of European **rabbit flea** 090255
Factors influencing breeding of **rabbit flea** (090266
Australia, in presence of **rabbit fleas** (Spilo- 085388
by using additives. [**Rabbits, immunization**] 085227
Infertility in female **rabbits immunized** with 084927
of antiglobulin sera from **rabbits immunized** 085480
of viraemia of **rabbits infected** with a neurot- 085598
on cattle & **rabbits** in **laboratory.** 090284
of lymphography. [**Rabbits, monkeys**]. 085070
accelerator & a kairomone in **nestling rabbit** 090266
Rabbit nutrition. 084413
quadrigemina of **rabbits** in **ontogenesis.** 084255
in intestinal wall of **rabbits** & **pigs.** 084032
deposition of surfactant in **premature rabbit** 084097
on toxic effect of Linurone. [**Rabbits, rats**]. 085787
Effect of storage of **rabbit spermatozoa** at - 084778
mitochondria in hypotonically **treated rabbit** 084794
a kairomone in nestling **rabbit urine,** with n- 090266

RABIES
Vaccination of dog **against rabies.** 085417
of domestic animals **against rabies.** I. Vacci- 085500
of domestic animals **against rabies.** II. Cattle 085501
Marking of dogs vaccinated **against rabies** as 085541
Nonfatal **canine rabies.** 085208
Equine rabies. 085383
A **rabies-induced** serum factor inhibiting Ro- 085393
ERA **strain rabies** vaccine: Intracerebral pa- 085317
Viscerotropism of **rabies**-like **strains** isolated 085194

RACE
Remarkable new **race:** peonies. [Paeonia]. 088574
of study of occurrence of biotypes (**races**) of 089260
to Puccinia coronata F. sp.**avenae race** 226 089123
on molecular structure of different **bee races** 091187
green spotting of pineapple by **bisexual race** 090049
Racial composition of Helminthosporium m- 089210
Races of **Drechslera** maydis in Queensland. 088998
resistance to **race** T **Helminthosporium** may- 087066
maydis & **race** 2 of **Helminthosporium** carb- 089230
a description of two new **races infecting** Bra- 089015
Haemaphysalis **longicornis races** from Japan 090517
potential of Helminthosporium **maydis race** 089200
inbreds to Helminthosporium **maydis races** 089235
aethiops sapaudia Frhst. New **morvina race** 090891
Physiological races of Puccinia graminis Pe- 087155
of Fusarium oxysporum f. **pisi race** 5 propa- 089199
Resistance in soybeans to a new **race** of **root-** 089467

RADIAL
noodles by multiple **radial immunodiffusion** 083500

RADIANT
Determining radiant energy in different wav- 087392
of wings in absorption of **radiant energy** by 090523

RADIATION
Sterilization of food by **radiation.** 083212
rat stem spermatogonia to gamma-**radiation** 084799
exposed to lethal levels of gamma **radiation** 085387
sterile tomato mutants by gamma **radiation** 087004
spring wheat obtained with use of **radiation** 087750
Radiation breeding of fruit trees in Canada. 086997
red & microwave **radiation combinations** for 090200
crystallinity in **radiation-degraded** celluloses 086115
Effect of **different radiation** intensities & wa- 087951
Almond moth: gamma **radiation effects** on li- 090194
in Oesophagostomum **radiatum grown** in vivo 085399
Experimental research on **radiation hazards** 085777
of electric thermal **radiation heating** in wood 086226
Radiation-induced aberrations in aneuploid 084292
Radiation-induced changes in chemical com- 088182
Modification of **radiation-induced** genetic d- 090742
s) in irradiated mice. [**Radiation injury**]. 085781
Effect of different **radiation intensities** & wa- 087951
purposes under effect of **ionizing radiations.** 083066

of fruits & vegetables by **ionizing radiation.** 083802
Effect of **ionizing radiation** on chemical mut- 086952
aestivum L.) induced by **ionizing radiation.** 087753
Effect of **ionizing radiation** on chemical mut- 088067
forests. 1. Solar **radiation measurements** in 088258
An inexpensive **meteorological radiation** shi- 085871
Gamma & **microwave radiation** to control ri- 089896
Gamma, infra-red & **microwave radiation** c- 090200
Fluxes of visible & **net radiation** within a fo- 086670
in **Oesophagostomum radiatum** grown in vivo 085399
directional selection for **radiation resistance** 090558
second generation with **radiation** of **seeds** wi- 087168
Gamma **radiation sensitivity** of corn sap bee- 090184
Radiation sensitivity of sucessively irradiated 090204
inexpensive meteorological **radiation shield** 085871
in selection forests. 1. **Solar radiation** meas- 088258
by application of **radiation sterile** bean weev- 090064
Radiative temperatures of butterlfy wings. 090845
Application of electric **thermal radiation** he- 086226
Increase of **radiation tolerance** of developing 084385
Effect of gamma **radiation** on **ultrafine** orga- 087658
effects of artificial **ultraviolet radiation** on c- 089008
of near ultraviolet & **visible radiations** on ce- 086708

RADICALS

Radical change in bark removal. 086139
Free radical intermediates in formation of c- 086252
Larix leptolepis on **radical polymerization.** 086200

RADIO

Installations for **radio frequency** control in i- 092145
serous orosomucoide in **radio-immunological** 084023
Radio-iodine (131 I) uptake by thyroid gland 084554
Incorporation of **radio-isotopes** & DNA con- 090430

RADIOACTIVITY

problem of migration of **artificial radioactive** 087565
plant uptake of 137Cs. [**Cesium, radioactive** 087574
in chicks using **radioactive chromium.** 084342
Radioactive contamination of environment 082677
Investigation of **radioactive contamination** of 082722
Resistance to **radioactivity** & **mutational** var- 087751
indices for **radioactivity releases.** 092375
Behaviour of **radioactive** & **stable** isotopes of 087568
Principles of **radioactive strontium** soil & ae- 087566

RADIOBIOLOGY

Radiobiological investigations on Pteris vitt- 087130

RADIOCHEMISTRY

Radiochemical analysis of phosphine residues 087893

RADIOGRAPHY

milking: information from **radiographs.** [Co- 083961
Radiographic anatomy of normal canine abd- 084327
A general review of **radiography** of **canine** s- 085025
Utilizing new **radiographic equipment.** [Vet- 085024
wedge technique for **pelvic radiography.** [D- 085621
A **radiographic study** of age changes in skull 084206

RADIOISOTOPES

Radioisotope residues & residues of dichlorv- 090347

RADIOLOGY

Radiology in **cheese** technology. 083240
Radiology of **thorax.** [Dogs, cats]. 085026

RADIOLYSIS

Pulse radiolysis study of reduction of spina- 088042

RADIONUCLIDES

modelling of **radionuclide vertical** migration 091705

RADISHES

by secondary, univalent alcohol, [**Radishes**] 088114
brassicae & Hylemya floralis, on **radishes.** 1 090004
on some crops. [Wheat, **cucumber, radish**]. 089573
World's best **radishes** are **grown** in Greenla- 088812
a basic peroxidase from **Japanese-radish.** 088105
anaerobic conditions. [Nomea **lutea, radishes** 087921
of turnip yellow mosaic & **radish mosaic** vir- 089430
economically valuable **radish mutants.** 086950
ammonia-lyase in Japanese **radish root** infec- 089046

RAFFINOSE

Raffinose in **Stomoxys** calcitrans Linn. (Dip- 090560

RAGWORT

in grassland: Docks, thistles & **ragwort.** [R- 089590

RAILROADS

methods for transportation of cattle by **rail.** 082363

RAIN

by convolution of **antecedent rainfall** effects 092280
Effect of **rain** on **coffee** blossom. 087404
clay loam soils under **rainfall conditions.** 092034
Influence of **rainfall depth** & irrigation rate 092074
oilseed output rises in spite of **rains, export** 082382
in Indian soils. [**Irrigation, rainfall**]. 091635
for coffee. I. Studies on **rainfall pattern** & s- 088963
Effect of **rainfall** on **physico**-chemical prope- 091671
seeds to **rainfall** in south-west **Queensland.** 087622
pastures in regions with **summer rainfall** & 088530
Nitrogen & phosphorous in **rain water** at Fo- 092231

RAINBOW

Uptake of mercury by **caged rainbow** trout 092321

RAISIN

moth, Indian meal moth, & **raisin moth** in 090193

RAMALINA

Status of **Ramalina subampliata** (Nyl.) fink. 086573

RAMAN

associations in chloroplast: **resonance raman** 087253

RAMBOUILLET

to start of fires in **Rambouillet forest.** 085851

RAMS

findings in liquid **conserved ram** semen after 084887
Corriedale, Dorset Horn & **Southdown rams** 084047
N-acetylhexosaminidase of **ram testis** & epid- 084790

RAMULARIA

SEE MONILIACEAE

RANA

SEE FROGS

RANCHES

SEE FARMS

RANGELAND

Weed control in **rangelands.** 089735
Cattle diet on **Ankole rangeland** at different 084708

RANGES

Territory]. [Australis, Acacia **aneura, ranges** 084711
August 22-24 1972. [Acacia **aneura, ranges**] 086689
Assessing range condition. 088532
Darling range ghost gum, Eucalyptus laeliae 086379
aspects of adaptation to **range environments** 084532
Thoughts on **expanding ranges** of nut trees. 088851
A **range extension** & a new synonym for Ast- 086572
Flight range of Apis cerana indica when ent- 091166
Darling **range ghost** gum, Eucalyptus laeliae 086379
of some cool-season, semiarid **range grasses** 088366
grazing at Harvey Valley ... **Range health,** c- 084713
programs in semi-isolated **range herds** in ce- 090248
Host range of Rhynchosporium secalis. [Bar- 089003
Host range & geographic distribution of Ery- 089269
Host range & electron microscopy of Burdo- 089365
Univited companion in **intesive range** mana- 089725
fly control programs : n semi-**isolated range** 090248
Considerations on **long-range** planning of re- 092261
tropical grazing lands. [**Range management**] 088518
southwestern Montana. [**Range management**] 088536
companion in intesive **range management,** R- 089725
to softwoods extension within **natural range** 086061
Physiological ranges of ECG [electrocardiog- 084082
Investigation of **physiological ranges** of ECG 084083
Considerations on long-**range planning** of re- 092261
Range of **Prunus** americana in New England 086531
clipping of some cool-season, **semiarid range** 088366
grazing system for **southwestern ranges.** 088488

RANUNCULACEAE

japonica Sieb. et. Zucc. (**Ranunculaceae**). 086606

RANUNCULUS

Virus diseases of **Ranunculus** in **Apulia.** 089345
after 20 years in soil. [**Ranunculus repens,** 089749
in turfgrass. [Soliva **sesselis, Ranunculus** mu- 089621
a tetraploid hybrid of **Ranunculus subgenus** 086700

RAPE

in some varieties of brown sarson. [**Rape**]. 086845
Breeding of **rape.** 086879
from Brassica napus seed. [**Rape**]. 087830
of agrophysical properties of **rape.** 087915
A growth-stage key for **rape.** 088004
new races infecting Brassica napus. [**Rape**]. 089015
glycol (PEG) induced stress. [**Bird rape**]. 087685
soil phosphorus to wheat. [**Rape, flax**]. 087725
chemical elements of **rape** & **heather** honeys 083203
Rape & its **insect** pest problems. 089931
Nutritive value of chemically **prepared rape** 084688

RAPESEED

acid contamination of **rapeseed** (Brassica na- 089449
of oil from whole or **crushed rapeseed** for fa- 083603
added with non-**debittered rapeseed** meal. [084652
Influence of a **detoxified rapeseed** protein c- 084661
sulfhydrylase from **germinating rapeseed.** 087663
World production of **rapeseed** & **investigati-n** 082706
Rapeseed meal as a protein supplement for 084497
Rapeseed meal for lactating dairy cows. 084502
Rapeseed meal & peanut meal as compleme- 084506
from steamed potatoes & **rapeseed meal** in 084653
Experiences in refining **rapeseed oil** by Zeni- 083605
Influence of **rapeseed oil** meal in rations of 084682
Differently treated **rapeseed oil** meals for fa- 084683
Rapeseed, sunflower, & soybean meal suppl- 084587
Unprocessed **rapeseed treated** with propionic 084488

RASPBERRIES

on appreciation of acidity of **raspberries.** 083713
Raspberries. 088728
of tomato ringspot virus in **raspberry.** 089386
some properties of **raspberry bushy** dwarf vi- 089380
Raspberries in **Campania.** 088787
in time of acclimation of **raspberry canes** in 088050
Haida **red raspberry.** 088598
of chemical pruning on **red raspberries.** 088858
Regeneration of **raspberries** from **root** cutti- 086937
of Pratylenchus penetrans in **raspberry root** 089552

RATIONS

in animal nurtition. II. Sugar in **rations.** 084676
in dairy cows fed different types of **rations.** 084735
Cows didn't **balance ration** with luquid prote- 084534
Monensin in **broiler rations.** [chickens]. 084446
Sodium supplementation of **broiler rations.** 084467
meal supplementation of **calf rations.** 084587
of & growth on **rations containing** processed 084590
pulp as energy source in **rations containing** 084691
Nutritive value of sheep **rations containing** 084721
of ruminants fed high **corn rations.** 084568
to fattening young bulls on **rations** of **cotton** 084537
Effect of **different rations** on certain indexes 084319
Protein & energy in **rations** for **fattening** H- 084492
weights of rats as influenced by **ration fed** d- 084595
with & without fish flour in **feed rations.** 084620
sulfate in cattle feedlot **finishing rations.** 084563
of using feed mixtures in **rations** of **lactating** 084697
Wheat straw & urea in **pelleted rations** for 084570
of copper & zinc to **rations** on **performance** 084397
supplement to low quality **roughage rations** 084597
sawdust in high energy **sheep rations.** 084548
selection of rice strain by grain/**straw ration** 087006
provision within framework of **total ration** in 084514

RATS

regulation of zinc absorption in **rat.** [Human 082993
Copper deficiency in **rat.** Effect on ultrastru- 084074
selenium on tissue antioxidant status of **rats** 084259
Amino acid retention in **rats.** 084283
placental transfer & fetal uptake in **rats:** eff- 084320
to reactive ability of heart muscle. [**Rats**]. 084358
two substances on nitrogen balance of **rat:** 084429
lysine in solution to growing pigs & **rats.** 084583
antioxidants & ethyl alcohol in **rat.** 084601
resistance & vitamin K requirement in **rat.** 084625
cortisol on natural imbalanced diets. [**Rats**] 084659
of casein & pancreatic juice proteins in **rat.** 084660
on nutritive value of corn grain. [**Rats**]. 084722
electrocardiogram recording in **rats.** 085096
of DDT on growth & reproduction in **rat.** 085793
Kill those **rats.** 089434
of DDT on growth & reproduction in **rat.** 089831
antioxidants on testicular function in **rats.** 084800
amino acid toxicity & changes in **rat brain** 084264
L-ascorbic acid metabolism in **rats & chicks** 084260
Aspects of **rat colonization,** rat resistance & 092420
exterminators. [Stored products, **rat control** 083176
cholesterol levels in cholesterol-**fed rats.** [H- 082915
composition changes in mature **rats fed** a cel- 082944
fed dams during lactation & that **fed rats** af- 084595
of amino acids in liver & muscle of **rats fed** 084720
concentrate on reproduction in **female rat.** 084661
between tannin levels, **rat growth,** & distrib- 084559
secretion of **hypophysectomized rats.** 084298
graft in **hypophysectomized rats.** 084299
fat depot weights of **rats** as **influenced** by ra- 084595
of tri-o-cresyl phosphate in **rats & Japanese** 084262
amino acid transport pattern in **rat jejunum** 084365
Relationship between tannin **levels, rat** gro- 084559
template activity of calf thymus & **rat liver** 084311
on appetite & live weight of adult **male rat** 084430
milk secretion in tissues of **rat mammary** gl- 084174
ejection & metabolic rate of **rat mammary** g- 084239
Tissue composition changes in **mature rats** f- 082944
by hydrocarbon insecticides. [**Rat pests**]. 090234
on Se [selenium] binding to **rat plasma** prot- 082992
new exterminators. [Stored **products, rat** co- 083176
on toxic effect of Linurone. [**Rabbits, rats**]. 085787
Malayan wood **rat, Rattus** tiomanicus (Mill- 089574
Aspects of rat colonization, **rat resistance** & 092420
of obese, normal, & **semistarved rats.** 090310
Influence of age on response of **rat stem** spe- 084799
glutathione peroxidase system in **rat tissues** 084603
glycogen metabolism in **white rats.** 084400
Malayan **wood rat,** Rattus tiomanicus (Mill- 089574
growth & body composition of **young rats.** 084598
potassium-chloride depleted **young rats.** 084662

RAUWOLFIA

Minor alkaloids of **Rauwolfia caffra.** 087531

RAYON

Rayon grade pulp from Indian hardwoods. 086168

RAYS
SEE IRRADIATION

REABSORPTION
SEE ABSORPTION

REACTIONS
fatty acids. Their properties & **reactions.** VII 086207
Bombyx mori. I. **Activation reaction** by enz- 091097
Studies on cell **adherence reaction** with Dic- 085571
Reaction of 3-**amino**-1:2:4-triazole with lact- 084054
between astringency & **reaction aspects** of a- 088093
of polyalkadienes: **Reaction** with **Cinchona** a- 087591
on basis of Prussian blue **colour reaction,** us- 082923
approach to **consecutive reactions** of nitrogen 091535
Nemeritis [canescens] to **defence reactions.** 090775
of urinary acidifiers. [Toxic **reactions, dogs,** 085769
Reaction gas chromatographic analysis of p- 090345
Reaction of **germinating** maize pollen to He- 089143
Growth & **reaction** to **grazing** in Danthonia 087904
Early **inflammatory reaction** in fowl. A light 085190
Reaction of **linseed** varieties to powdery mil- 089097
Fehling's test & silver **mirror reaction.** [Api- 091143
Reactions to **nutrition** education on televisi- 083005
Activity of **photochemical reactions** in Aspid- 087378
flies. III. Patterns of **photoperiodic reaction** 089794
flies. IV. Patterns of **photoperiodic reaction** 089795
flies. III. Patterns of **photoperiodic reaction** 090608
flies. IV. Patterns of **photoperiodic reaction** 090609
Reaction of **potato** varieties to some herbici- 089717
tyrosine as a **reaction product** of alkylation 083499
Reaction of **selected** rice lines to stalk bore- 089920
Effect of progesterone on **reaction** of **sheep** 084033
Reaction of **soil** textures on soil conditioning 091598
Reactions of five **species** of Gramineae to ra- 089230
Red Egyptian wheat for **reaction** to **stem** ru- 086911
in foods. I. **Reaction** with **sulphur** amino aci- 083138
VII. **Reactions** of some **tocopherol** oxidation 083230
misuse of urinary acidifiers. [**Toxic reactions** 085769
Inhibition of energy **transfer reactions** in sp- 088040
intensity on **reactions** of **violaxanthine** cycle 087748
Reaction of some **wheat** varieties to leaf bli- 089147

REACTORS
theory to design of **commercial reactors** for 083130

REAGENTS
A modified **aluminon reagent** for determinat- 091557
modified by **site-directed reagents.** 084165
enzymes. II. Effects of **thiol reagents** & fro- 082952

REARING
Artifical rearing of pigs. 4. replacement of b- 084460
of fatal diarrhea in **artificially reared** piglets 083959
Rearing of **Barbary** ducks for meat. 084782
Is artificial lamb **rearing becoming** more po- 082259
of honeybees for **brood rearing.** 091155
Does **calf rearing** pay in rural areas? 082241
Calf rearing. 083988
Rearing of **calves** without skim milk. 084621
of cow breeding & **calves rearing.** 084743
Rearing of **capons** in rural areas in a rational 083929
Cattle rearing in Great Britain. 083992
Some aspects of **rearing chicks.** 083990
Studies on **collection, rearing,** & biology of 090829
Aedes aegypti when **reared** with **different** c- 090259
Rearing drone honeybees in an incubator. [091165
of laboratory-**reared Drosophila** melanogast- 090658
characteristic & **economic rearing** of sows. 084666
limitation for swine **rearing equipments.** 082201
a technique for **rearing** under **experimental** 090300
administration of Eunarcon in **rearing foxes,** 085114
Development of **goat rearing.** 083956
Systems of **rearing goats.** 083955
Rearing golden calf. 083935
Concentration of laying **hens rearing** is acce- 082552
Ontario. XLVII. **Insects reared** from galls 090143
on artificial diets & **laboratory rearing** met- 089971
Mass sterilization of **laboratory-reared** Dro- 090658
on artificial diets & **laboratory rearing** met- 090828
Is artificial **lamb rearing** becoming more po- 082259
Rearing larvae of leaf-cutter bee Megachile 090651
between methods of **livestock rearing** & cli- 083942
Rearing Lygus [hesperus] bugs on green be- 090659
artificial diets & laboratory **rearing methods** 089971
A specialized system for **multiple rearing** of 091076
Pigeons: a **neglected rearing.** 083918
First results with **nurse rearing** by hysterec- 083997
Advantages of **outdoor rearing** of swine. 083949
A method for **rearing overwintering** larvae of 090105
Does calf **rearing pay** in rural areas? 082241
gastroenteritis in industrialised **pig rearing** s- 085702
Piglet rearing tests with & without fish flour 084620
fatal diarrhea in artificially **reared piglets** w- 083959
Future of Swiss **poultry rearing** from view of 082575
White pine weevil: a **rearing procedure** & ar- 090124
lactation & those of their **progeny, reared** in 084901
parameters & results of **rearing** of **pullets** on 084011
Rearing several batches of queens without r- 091080
Rearing sheep of Barbarine breed in Ousselt- 084007
formation of productiveness in **sheep reared** 084010
Rearing of **silkworm,** Bombyx mori, on semi 091177
pine moth, Dendrolimus **spectabilis, reared** 090140
in industrialised pig **rearing stations.** 085702
on investment limitation for **swine rearing** e- 082201
of animals for reproduction in **swine rearing** 084774
of breeding program in **swine rearing.** [East 084940
Mechanization in **swine rearing.** 091441
Piglet **rearing tests** with & without fish flour 084620

RECEPTION
I. Selection for **receptivity** to **wingless** males 090449
to selection for **receptivity** to **wingless** males 090450
Possibilities for **reception, yield** & loading of 083644

RECEPTORS
characteristics of head **receptors controlling** 090666

RECESSIVE
How to get rid of **recessive genes.** [Rabbits] 084759
Induced recessive mutations affecting leaf a- 086984
Myopathy with a **possible recessive** X-linked 085754

RECIRCULATION
SEE CIRCULATION

RECLAMATION
patterns during & after **reclamation.** 088406
drainage by Bureau of **Reclamation.** [United 092141
for their rational exploitation. [**Reclamation** 092018
species in sward of **reclaimed** & **cultured** me- 087812
On **evaluating reclamation** status of irrigated 092236
Drainage properties of **reclaimed forests** on 092214
Surface mined **land reclamation** research in 092050
Land reclamation in Canada. 092070
Land reclamation & river pollution problems 092389
manganese mining. [**reclamation, Lolium,** al- 092060
compost for strip **mine reclamation.** 091830
of irrigation & **reclamation systems** in Soviet 092151
Water reclamation & reuse. 092265

RECONSTRUCTION
Budgetry control--review & **reconstruction.** 082123
Reconstruction of a **box** storehouse in a pile 091273
Contribution to **reconstruction** of **forest** tree 085841
on endurance & **foundation reconstruction** by 091206
Rural reconstruction scheme: is it adequate? 082564
Surgical reconstruction for collapsed trache- 085034
Effect of **reconstruction** of **training** shape of 088910

RECORDS
New **records** of **Cercosporae** from India. 086587
A **record** of **changes** in mosquito taxonomy 090997
diets prepared from **dietary records.** 082907
selection methods for part **record egg** produ- 084826
Electronic recordings of feeding motions & 090644
First record of a larval nemopterid from sou- 090551
thalictroides, with notes on **fossil record** in 086607
shot-hole virus: A new **record** for **India.** 089344
Record keeping, its importance in improving 082170
records of new & little **known** species of Ce- 090950
Two new **records** of **Myopsocidae** (Psocopte- 090952
New **record** of **Myrothecium** roridum on Oc- 089089
Additional new & **noteworthy records** for H- 086413
selection methods for **part record** egg produ- 084826
New **plant records** from Goa. [Melothria le- 086438
New **plant records** for New Mexico. 086584
New **records** of **pome** & stone fruit tree dise- 089087
A **record preponement** of bud-induction in 087630
A **record processing** system in veterinary pa- 085073
Dairy--official **production records** & their use 082105
Age adjustment of **production records:** histo- 084858
New **record** of a **spider** predator of genus P- 091004
An utilization of portable **tape recorder** to a 085905
Two **records** of **Thielavia** species from Thail- 086480
new species & other **records** from **Venezuela** 090977
New species & **records** of New **World** Micr- 090925
Plains cotton **writes records** with China sale 082442
by Turkish state monopoly in **record year** 1 082473

RECREATION
municipal & county parks & **recreation.** 082620
Forest & **recreation.** 085919
Conservation of nature & **recreation.** II. 092433
forest administration **considers recreation** n- 085884
forests-- challenge of **forest recreation.** 085849
heavily used ponderosa pine **recreation forest:** 089730
Spa & **recreational forests** & problems of fo- 085942
problems by planning **recreation forests.** 085974
Recreational use of **inland** waters in Victoria 092269
environmental indices: **outdoor recreational** 082058
planning forests for **recreational purposes.** 085909
Farming sideline. [**Rural recreation**]. 082106
forest land for **recreational** use by **visible** po- 085938

RECRYSTALLIZATION
SEE CRYSTALLIZATION

RECTUM
Rectal enzymes of attine ants. alpha-amylase 090703
infection in calves: value of **rectal swabs** in 085295

RECURRENT
Recurrent pesticide residues in food. 082868
Recurrent sebaceous cysts in a dog. 085748

RECYCLE
Recycling. 21. Study of colloidal phase of m- 083376
A practical problem in **recycling:** what to do 092424
an important step in **recycling** of **dairy** cow 083968
Water-**recycle washing** of refined soybean oil 083604

RED
red maple. [Pinus taeda, **Acer rubrum,** injur- 085824
some new organotin compounds **against red** 089086
Assimilation in fresh water **red alga** Leman- 087628
Bromine phenols of a **red algae,** Halopytis i- 087523
of Zea mays: red-far **red antagonist** effect. 087687
Food eaten by **red-backed** vole, Clethriono- 085833
pesticide residues from rice, **red beans** & soy 082735
Contribution to study of **red blood** cells pict- 084343
Aphytis melinus Debach of **California red** s- 090468
study on integrated control of **citrus red** mite 090054
selenite & selenate by barley & **red clover** as 087780
nectar column in corolla tube of **red clover** 087865
Nectar secretion of **red clover** (Trifolium pr- 087866
quality of summer barley & **red clover** yields 087873
Light & electron microscopy of **red clover** v- 089356
bees for increasing production of **red clover** 091209
Sperm utilization in female **red cotton** bug. 089923
bullocks of Bohemian Pied of **Red Danish,** 0s3495
Cold acclimation in '**Red Delicious**' apple tr- 087937
features of several **Red Delicious** apple spor- 088000
of genes from Hope & **Red Egyptian** wheat 086911
illumination of Zea mays: red-**far red** antag- 087687
Oryza sativa leaf senescence by red & **far-r-d** 087827
Sperm utilization in **female red** cotton bug. 089923
of grasshopper Melanoplus **femur-rubrum.** 090518
X-rays. [Melanoplus **femur-rubrum**]. 090629
forestry with pictures of life of **red forest** ant 085876
certain quantitative characters in **red gram** 087010
Haida red raspberry. 088598
Gamma, **infra-red** & microwave radiation c- 090200
maple. [Pinus taeda, Acer **rubrum, injuries,** 085824
reactions in Aspidistra in blue & **red light.** 087378
sativa leaf senescence by red & far-**red light.** 087827
of herbicides on seedlings of **red mangrove,** 089614
lead on growth of loblolly pine & **red maple** 085824
Tolerance of half-sib families of **red maple** to 089185
An economic analysis of **red meat,** fish, poul- 082461
Red meat & poultry inspection: microbiology 082830
An economic analysis of **red meat,** fish, poul- 082988
at cost of same stock, **red Merlot.** 089997
on integrated control of citrus **red mite** in s- 090054
Gelechiidae), a new insect pest of **red pepper** 089981
Yield of unthinned **red pine** plantations at 085901
of organic matter in a **red Rakar** soil. 091784
of chemical pruning on **red raspberries.** 088858
Haida **red raspberry.** 088598
pesticide residues from **rice, red** beans & soy 082735
new organotin compounds against **red rot** di- 089086
melinus Debach of California **red scale,** Aon- 090468
physiological features of **several Red** Delici- 088000
grape rootstock multiplication of **red spider:** 089997
Biology of **red spider** mite, Oligonychus ma- 090091
with disease of 80-year-old **red spruce** in Ve- 089207
Tetranychidae), at cost of same **stock, red** 089997
Yield of **unthinned red** pine plantations at 085901
dioxide]-Assimilation in fresh **water red** alga 087628
Variation in main constituents of **red wines** 083756

REDOX
gas production, & **redox potential** in a satur- 091554
nitrogen] transformation & **redox potential** 091555
Redox potentials of two-iron plant & algal f- 087255
times of photosynthesis & **redox properties** 087274
Redox properties & determination of normal 091748

REDPEPPERS
Cayennese Haz. (Solanaceae)9 [**Redpeppers** 088080
of Capsicum annuum L. [**Bush redpepper**]. 087981
of organic acids in **redpeppers** & **eggplants.** 083768

REDUCTASES
Nitrate **reductase activity** in corn leaves as 086903
Pyrroline-5-**carboxylate reductase** from Cuc- 088139
of nitrate on induction of **nitrate reductase** 087714
Extraction of **nitrate reductase** from leaves 088128
An appreciation of **reductase tests.** [Milk a- 083356

REDUCTION
of nitrogen fixation & **acetylene reduction,** 091519
on pattern of free amino **acids, reducing** sug- 088071
determination of **reduction activity** (dehydr- 084346
mitochondria: Oxidation-**reduction behavior** 087251
baking properties of **break, reduction** & stra- 083612
Reduced capture of tobacco budworm & corn 089916
Reduction in **carbonic** anhydrase activity in 088013
Trend to **reduce costs** in keeping mother an- 082216
Plant arrangement & trunk **count reduction** 085811
peaches, & plums for: **reducing decay,** reduc- 083846
nitrogen] & N02[nitrogen **dioxide reduction,** 091554
Population **reducing experiments** by applica- 090064

for an increase in non-**reducing extract** of u- 083755
Reduction of **flat**-podded rogues in seed lots 089497
Gramoxone reduces tillage for rice. 089637
Growth retardants for **reducing height** of two 088038
Reduction of **iodine** transfer to milk of cows 084233
Insecticide treatment to **reduce loss** in yield 089898
Seed **losses reduced** in Virginia pine cones 086088
plums for: reducing decay, **reducing moisture** 083846
An improved proof of **nitrate reduction** in r- 083257
N02[nitrogen dioxide **reduction, nitrogenous** 091554
of plant mitochondria: **Oxidation-reduction** 087251
Oxidation--reduction potential of membrane 087279
A study of dung **patch reduction** of pasture. 088496
Reducing pesticide chemical drift. 090337
Gulle) with view to **reducing poisonous** & o- 091954
Reducing pollution of dairy effluents. 092332
Population reducing experiments by applica- 090064
Reduction of **postharvest** losses of strawber- 088987
Oxidation--**reduction potential** of membrane 087279
Reducing power of compounds of iron with f- 088030
to water-repellent soils to **reduce runoff** & e- 092019
Reduction of **shelf**-life of dairy products by 082802
Pulse radiolysis study of **reduction** of **spina-h** 088042
pattern of free amino acids, **reducing sugars** 088071
Superoxide reduction as a mechanism of asc- 087252
New program aimed to **reduce swamp** fever 085497
A look at new Michigan **tax reductions.** 082266
Gramoxone **reduces tillage** for rice. 089637
Reducing water loss of potted Chrysanthem- 087944

REDUVIIDAE
Central America (Hemiptera: **Reduviidae**). 091025

REEDS
Possible applications of **reed canary** grass. 088392

REFINING
behaviour of fat constituents during **refining.** 083652
peroside values of colza oil during **refining.** 083653
Refinement & **extension** of fn/U:g paramete- 083146
Clay-**heat refining** of edible oils. 083128
Experiences in **refining rapeseed** oil by Zeni- 083605
Water-recycle washing of **refined soybean** oil 083604
determination of soap in **refined vegetable** o- 083780

REFLEX
latency duration in milk **ejection reflex** bet- 084289
Peripheral reflexes of sympathetic ganglia in 084256
of cow udder & milk **secretory reflex.** 084173
Reflex theory of lactation. [Livestock]. 084180

REFORESTATION
outline of **reforestation investigations** in wes- 085809
Pocket gophers & **reforestation** in **pacific** no- 086085
surface-minded areas. [**Reforestation, Pinus,** 086091

REFRACTION
Refractive spherules in phloem of Microsori- 086814

REFRIGERATION
flesh temperatures in **refrigerated storage.** 083746

REGENERATION
An **algal regenerative** system for single-fami- 092326
Dependence of **regeneration capacity** of win- 087876
density in **natural regeneration** by means of 086028
Studies on **natural regeneration** of Moni (A- 086673
Isolation, culture & **regeneration** of **Petunia** 088020
of white cypress **pine regeneration** in New 086047
areas beyound Urals. [**Pinus, regeneration**]. 085999
Regeneration of **raspberries** from root cutti- 086937
Control of **regeneration** in **roots** of deep-roo- 089746
Regeneration & **spatial** patterns of Acacia a- 087907
On growth of **regeneration trees** & environm- 088258

REGRESSION
for linear & quadratic **regression calculation** 082101
cycle, upon survival & **regression** of **corpus** l- 084868
priming of estradiol-induced **luteal regression** 084795
of paddy-rice-growth by **multiple regression** 087900
correlations & **regressions** of some **quality** i- 086842
Spontaneous regression of leukemia in chic- 085503

REGULATION
Government food drug **act regulates** food ad- 082617
Factors **affecting regulation** of watercourses. 092179
Regulation of **alcohol** dehydrogenase (ADH) 087803
Regulation of **amino** acid transport in chick 084096
Ammonium regulation in Aspergillus nidula- 087414
Some aspects of **regulation** of **arginine** bios- 087852
Automatic regulation of crystallizing process 083682
of different systems of **canals regulation.** [Ir- 092165
Regulation of **cell** reproduction in bud meris- 087339
vegetables. VIII. **Regulation** of **controlled** a- 083805
between theory of **cutting regulation** & its p- 085894
Environmental regulation of oxygen effect on 087707
Groundwater **regulation experimental** plant 088391
Some aspects of **regulation** of **fat** body lipol- 090697
Floodplain regulation in United Kingdom. 092195
Government food drug act **regulates food** ad- 082617
Regulation of **gene** function: a comparison of 090474
Cytokinin-**gibberellin regulation** of shoot de- 087662
Groundwater regulation experimental plant 088391
Regulation of **growth** of barley stem by 2-ch- 087746
Homeostatic regulation of zinc absorption in 082993
Food **intake regulation:** amino acid toxicity 084264
of legislation & **regulation** during **last** hundr- 084984
Means of **regulation** of **meat** consumption. 082595
Effect of **monetary regulation** on Japanese f- 082600
Studies on **neurohormonal regulation** of R- 090850
Mechanism of **osmotic regulation** of hydrola- 087682
Influence of **pesticide regulation** on research 090318
Temperature & **photoperiodic regulation** of 089927
Regulation of **photosynthetic** carbon metabo- 088228
river training, & flood **plain regulation** (incl- 092171
Flood **plain regulation** (including flood zoni- 092193
river training--flood **plain regulation.** 092196
river training flood **plain regulation.** 092199
Fruit crop & **quality regulation** in Perlette 088886
system based on **quantitative regulation** of 092164
Seasonal regulation of dormancy in Chryso- 090708
Streamflow regulation by means of retention 092178

REGULATORS
fungicides, plant **growth regulators,** residnes 082872
Effect of wrappers & **growth regulators** on s- 083832
Experiences with **growth regulators** in feed 084635
by environment & plant **growth regulators.** 087355
Effect of some plant **growth regulators** on r- 087573
acid, a new plant **growth-regulator** produced 087608
Growth regulator induction of parthenocarpy 087795
tools in fruit production. [**Growth regulators** 088119
effects of plant **growth regulators** SADH [s- 088902
Effects of an insect **growth regulator** with h- 089999
studies with ethephon **growth regulator** in d- 090348
Effects of an insect **growth regulator** with h- 090499
ornamental growth. [**Plant regulators**]. 088046
Effect of **plant regulators** on germination of 088200
ornamental growth. [**Plant regulators**]. 089645

REHABILITATION
Soil **rehabilitation problems** in humid Tropi- 091892

REHYDRATION
SEE HYDRATION

REINDEER
of forage plants from **Reindeer Preserve,** N- 087717

REINFECTION
SEE INFECTION

REINFORCEMENT
of circular handsaws with **reinforced teeth** in 086172

RELATIVITY
Relativity of **overground** mass formation to 087651

RENAL
Open **renal biopsy** in bovines: an experimen- 085080
Renal dysplasia in dog. 085734
Experimental renal transplantation in dogs 084985

RENATURATION
acid--deoxyribonucleic **acid renaturation** stu- 084791

RENIN
phospholipids & question of **renin inhibition** 084116

RENNET
between a microbial rennet & a **calf rennet.** 083334
Utilization of **microbial rennet** rennilase for 083258
Studies on **vegetable rennet** from Withania 083321

RENTS
On theory of differential **land rent.** 1. 082054

REOVIRUSES
Characterization of two **reoviruses isolated** f- 085277

REPELLENCY
fire effects on water **repellency, infiltration,** 085817
Characterization of **water-repellency** in Indi- 091635

REPELLENTS
Investigations on **repellent effect** of vitamin 090295
application to water-**repellent soils** to reduce 092019

REPLICATION
Drosophila. VII. DNA **replication patterns** 090508
Replication of **tobacco** mosaic virus. V. Pro- 089411

REPRESSION
Enzymatic properties of a **repressible acid** 087619

REPRODUCTION
raising of poultry breeders for **reproduction;** 084974
Congress on **Animal Reproduction** & Artific- 084931
Reproduction in **Apis** cerana. 1. Mating beh- 091164
Studies on **reproductive behaviour** of Surti 084828
In vitro studies on **reproductive biology** of 087308
ortans of flight & **reproduction** in **bivoltine** 090544
Role of salmonellosis for **cattle reproduction** 084888
care principles in **reproduction** of **cattle.** 085174
Role of salmonellosis for **cattle reproduction** 085437
Analysis on **reproducing** & **cell**-transforming 085581
Regulation of **cell reproduction** in bud meris- 087339
in control of **reproductive cycles** of domestic 084838
Reproductive disorders in pigs. I. Diagnosis 085655
parturition on **reproduction** in **domestic** rab- 084866
of female **Drosophila reproductive** system. 090596
Emergence, reproduction, & growth of setip- 090761
concentrate on **reproduction** in **female** rat. 084661
Studies on pathology of **female reproductive** 085364
of overdosed biotin on **reproduction** of **hide** 090681
reproduction after gamma **irradiation** of lar- 089914
Reproduction of **melon** fly: mating activity 090028
Reproduction in **mink.** 084806
Animal production & **reproduction** in **mulga** 084004
Reproduction, **reproductive organs,** & meiosis 090607
bisexual & **parthenogenetic reproduction.** 090265
of nutrition on **reproductive performance** of 084560
Growth & **reproductive performance** of bulls 084571
with reference to **reproductive performance** 084768
supply on **reproductive performance** & ejacu- 084772
study on **reproductive performance** of certain 084825
Growth & **reproductive performance** of bulls 084849
of dose rate upon **reproductive performance** 084908
Reproductive performance of maiden ewes in 084945
supply on **reproductive performance** & ejacu- 085644
system on their **reproduction potential.** 084911
acervulina on **reproductive potentials** of four 084802
of DDT on growth & **reproduction** in **rat.** 085793
Soundness in **reproduction** & **rationality** in 084976
Reproduction, reproductive organs, & meiosis 090607
Sexual reproduction in Ophioglossum crotal- 087217
Effects of **reproduction** in **sheep** on rate of c- 084205
from feed on **reproduction** of **sows.** 084715
Management of **reproduction sphere** in indu- 083980
Reproductive status of female mink, Mustela 084869
of animals for **reproduction** in **swine** rearing 084774
of female Drosophila **reproductive system.** 090596
Genesis of **reproductive system** of mosquitoes 090648
on pathology of female **reproductive tract** of 085364
An analysis of **reproductive traits** in beef ca- 084831

REPTILES
Distribution of three species of **reptile tichs,** 090467
Distribution of three species of **reptile ticks,** 090898

RESEDA
acid: a new amino acid in **Reseda odorata.** 088151

RESEEDING
SEE SEEDING

RESERVE
pool maintenance in **ecological reserves.** 086643
Distribution of **food reserves** in "model" ho- 091162
Phytosociological study of a **marsh reserve,** 086635
Mineral reserves of potassium in Irish soils 091618
irrigations by increasing of **moisture reserve** 092247
Seven--national parks & **nature reserves.** 085956
Nature reserve of Pekarka near Ivancice. [P- 086498
Nature & fate of **nutrient reserves** of period- 090685
of mobile & potential **potassium reserves** in 091613
Primary changes of **reserve proteins** during 087740
Relations between **water reserve** & soil tilla- 092024
some guanotrophic ponds on **Zwin Reserve** 086385

RESERVOIRS
Eutrophication of **dam reservoir** at Lubachow 092339
evaporation losses from **large reservoirs.** [I- 092201
World's largest butyl rubber-**lined reservoir** 091259
Best **nutrition reservoir** for plants. [Waste u- 092294
suppressants on **storage reservoirs** & on cro- 092137
on plant growth in a shallow **water reservoir** 089659
Recharging ground **water reservoirs.** 092078
operation of linked **water reservoirs.** 092098

RESIDUES
cow. [S-chloroethylphosphonic **acid, residues**] 090348
streptomycin in plant. 2. **Residue analysis** of 089327
method for **residue analysis** of soil exposed 089824
Mercury & organochlorine **residue analysis** 090372
Studies on **residue analysis** of carbamate ins- 090399
Residue analysis of chlorinated pesticides & 090407
of biologically active **antibiotic residues** in 082757
of milk control for **antibiotic residues.** 082761
assay in order to detect **antibiotic residues.** 084364
trichloro-2-pyridinol: **residues** in **body** tissues 090349
Methyl **bromide residues** in almonds, hazel- 090311
Chlorphoxim residues: their persistence in c- 090350
Effect of **crop residues** on growth of turnips 088207
residues & **residues** of **dichlorvos** & its meta- 090347
determination of **residues** of **disinfecting** qua- 083384
Persistence of **disyston residues** in soil & pl- 089903
fat containing actual & **fortified residues** of 082682
Influence of aging on **Gardona residues** when 090185
determination of **herbicide residues** in bee h- 082861
of chlorinated **hydrocarbon residues** in aquat- 090366
determination of **insecticide residues** in bee 082860
Insecticide residues on 1971 U.S. tobacco p- 082888
determination of **insecticide residues** in bee 090365
Insecticide residues on 1971 U.S. tobacco p- 090384
of heptachlor. [**Insecticide residues**]. 090390

on decomposition of plant **residues labelled** 091524
Function of pesticides **residue laboratory.** 090304
Lead residues in marketable vegetables & fr- 082889
Lead residues in unpolished rice, polished ri- 090387
Pesticide **residue levels** in cooked rice & no- 090327
Residue levels should drop on leaf products. 090380
Importance of **lysyl residue** in goat anti-dini- 084165
Pesticide **& mercury residues** in wheat. 090360
Studies on **mercury residues** in fishes from 090404
of stored grains; **metabolism, residues** & tec- 082850
Effect of industrial **mycelial residues,** wood f- 089550
Mercury **& organochlorine residue** analysis 090372
Parathion residues in tomato plants grown in 090320
of ring tests to determine **pesticide residues.** 082718
Studies on analysis of **pesticide residues** in f- 082735
Determination of **pesticide residues** in bee h- 082860
Determination of **pesticide residues** in bee h- 082861
Recurrent **pesticide residues** in food. 082868
of ring tests to determine **pesticide residues.** 083253
Determination of **pesticide residues** in bee h- 089695
old quarrels. [Apples, **pesticide residues**]. 090309
Pesticide residue levels in cooked rice & no- 090327
A review of **pesticide residues** in commercial 090355
Determination of **pesticide residues** in bee h- 090365
Recurrent **pesticide residues** in food. 090377
Chlorinated hydrocarbon **pesticide residues** 090385
Chlorinated hydrocarbon **pesticide residues** 090386
of several carbamate **pesticide residues** by o- 090398
Function of **pesticides residue** laboratory. 090304
Radiochemical analysis of **phosphine residues** 087893
Phosphine residues on soybeans fumigated w- 090351
studies on decomposition of **plant residues** l- 091524
Loss of nitrogen from **plant residues** on soil 091875
Residue of **polychloric** insecticides in fat of 082849
Radioisotope residues & residues of dichlorv- 090347
of Pellicularia sasakii & its **residues** in **rice** 089280
Nutritive value of soy **sauce residue** & its use 083859
considerations in shipping grass **seed residue** 082446
melanogaster with **residues** of **tepa.** 090658
Residues of **veterinary** drugs in milk, meats 082672
of those extracted from **wax residues** using t- 083202
Studies on utilization of forest **wood residues.** 086242
Effect of industrial mycelial **residues, wood** f- 089550

RESINS
their release to H+ (hydrogen?)-**resins.** 091647
of basic amino acids on **resin column** Amber- 083091
III. Guggulu (**resin** from **Commiphora** mukul 088303
properties of some hop **resin compounds.** 083119
of urea formaldehyde **resin foam** used as a s- 091805
size prepared from Benguet **pine oleoresin.** 086214
Variability of **resin production** in pine stands 086188
acetone content of **oleoresins** used as **spices** 083065
composition of two **oleoresin systems** of lob- 088262
Tension & **resin-treatment** effects on proper- 083675

RESONANCE
A mathematical study of **resonance** in **intact** 088077
using wide-line nuclear **magnetic resonance** 083147
Carbon-13 nuclear **magnetic resonance** spect- 087216
NMR [nuclear **magnetic resonance**] spectra, 087387
associations in chloroplast: **resonance raman** 087253

RESPIRATION
levels, ethylene production & **respiration** of 089496
Quinones **& respiratory activity** in Spoendo- 087476
On **respiratory affection** in young cattle dur- 085549
Serological evidence of **avian respiratory** m- 085352
Ethylene production & **respiratory behavior** 087122
"bRD" [**bovine respiratory** disease] means 084284
A plan to control **chronic respiratory** disease 085649
diseases of **respiratory & digesting** organs c- 085414
"bRD" [bovine **respiratory disease**] means 084284
Occurrence of a **respiratory disease** in poult- 085365
Diagnosis of **respiratory disease** in canine. 085613
A plan to control chronic **respiratory disease.** 085649
Fungi associated with **respiratory diseases** of 085367
Respiratory diseases of young cattle. 085489
in diagnosis of **respiratory diseases** in dog & 085735
their **respiration** & their **enzymic** activity. 089744
effect on **respiration** of **germinating** wheat s- 091727
various substrates on **respiration, glycolysis** 084874
of photosynthesis & **respiration intensity** of 087295
Notes on **respiratory metabolism** of Kluyver- 087634
investigations on **respiratory metabolism** of 090464
concentration on **respiration & motility** of g- 084873
evidence of avian **respiratory mycoplasmosis** 085352
Upper **respiratory obstruction** in brachycep- 085040
for virus diseases of **respiratory organs** in ca- 085436
for stimulation of **respiration** of **plant** roots 087735
Photosynthesis & **respiration** in **poplar** plant 088276
of cycloheximide on **respiration protein** syn- 087551
production of ethylene & on **respiration rate** 087982
Separation of microbial & **root respiration.** 091522
A particular syndrome of **respiratory system** 085806
high rates of **photorespiration** in **tobacco.** [087121
Torticollis & disease of **respiratory tract,** ca- 085470
Infections of upper **respiratory tract.** [Hors- 085535
Upper respiratory obstruction in brachycep- 085040
Infections of **upper respiratory** tract. [Hors- 085535
osmotic pressure on **respiration** of **yeast.** [S- 087456

RESTORATION
On **restoration** of **farm** land & agricultural i- 082624
location of male **fertility restoring** genes in 086894
Restoration of **fertility** in double cross hybr- 087091
Nuclear restoration of fertility in S male-st- 087074
Genetic scheme of **pollen restoration** in cyt- 086999

RESTRAINT
A **restraining device** facilitating electrocardi- 085096

RESTRICTION
analyse criteria **restrictions alternatives**] he- 082108
Effect of feeding **restricted amounts** of a me- 084604
Effect of feeding **restricted amounts** of a me- 084605
of dietary protein level **& feed restriction** on 084565

RETARDANTS
some phosphorus amides as **flame retardants** 082885
height in sunflowers with **growth retardants** 087724
Growth retardants for reducing height of two 088038
Growth retardants for ground covers in Ha- 088051

RETARDATION
Retardation of **bivalent** separation. [Corn, g- 087049

RETENTION
Retention & absorption of foliar applied Cr. 092419
Amino **acid retention** in rats. 084283
prevention of **retention** of **afterbirth** in cows 084340
Spreading **& retention** of **agricultural** sprays 090338
regulation by means of **retention basins** & t- 092178
Maximum nitrogen **retention capacity** of gr- 084282
in zone of Danube; water **retention caused** 082009
Protein **& energy retention** of growing geese 084314
Deposition **& retention** of 131I on **Grayia** s- 088045
Retention of **mercury** in tissues of cattle & 090344
infiltration, **& retention** in **mixed** conifer lit- 085817
retention in **photosynthesizing** algae. [Chlor- 087269
A plea for **retention** of **Sclerotinia** sclerotio- 086447
on mechanisms of **retention** of **volatile** in fr- 083144
for agricultural engineers: **water retention.** 091686
in zone of Danube; **water retention** caused 092248

RETICULUM
changes in **endoplasmic reticulum** & appear- 086817
metabolism in **endoplasmic reticulum** of cas- 087548
breast muscle **sarcoplasmic reticulum.** 083515

RETINA
Diseases of **retina & choroid.** [Dogs, cats]. 085618

RETRIEVAL
Mechanization of **information retrieval** in li- 084734

REVEGETATION
SEE VEGETATION

REVERSIBILITY
Reversible immobilisation & analgesia in bul- 085170

REVOLUTION
Green Revolution-an approach to agricultural 082596
Future of **Green Revolution** in West Pakist- 082597
Green revolution: Its political, social & eco- 082613
India on threshold of **rice revolution.** [Culti- 088458
"yellow revolution" in Manipur: multi-crore 083099

RHAGOLETIS
Occurrence of **Rhagoletis cerasi.** [Cherries, 090082
fruit fly in Oregon. [**Rhagoletis cingulata**]. 090069

RHAMNACEAE
Identification of ber (**Zizyphus mauritiana** 086821
Maesa indica **& Rhamnus triquetra.** 087535

RHINOTRACHEITIS
with IBR [infectious **bovine rhinotracheitis**] 085183
with IBR [infectious **bovine rhinotracheitis**] 085184
with IBR [infectious **bovine rhinotracheitis**] 085186
IBR-IPV [infectious **bovine rhinotracheitis,** 085435
of virus of infectious **bovine rhinotracheitis**/ 085565
as well as **infectious rhinotracheitis** of cattle 085518

RHIPICEPHALUS
to cattle. [**Rhipicephalus appendic-** 090297
of tick **Rhipicephalus appendiculatus** (Neum- 090284
history of **Rhipicephalus haemaphysaloides** 090633
Darya region. [**Hyalomma, Rhipicephalus,** 090885
Biology of brown dog **tick Rhipicephalus** s. 090280
Biology of brown dog **tick Rhipicephalus** s. 090807

RHIZOBIA
Colonization of host-root & soil by **Rhizobia** 087886
Colonization of host-root & soil by **Rhizobia** 087887
On inoculation of legumes. [**Rhizobium**]. 091967
Nutrient levels **& rhizobial efficiency.** [Soil 087454
Survival of field-**grown Rhizobia** over dry s- 087885
Some findings in **Rhizobium japonicum** sero- 091730
for quick growth of **Rhizobium japonicum.** 091776
of some insecticides on **Rhizobium meliloti** 089841

RHIZOCTONIA
Root rot of lentil. [**Rhizoctonia**]. 089090
Rhizoctonia [solani] blight of grain sorghum 089241
sorghum caused by **Rhizoctonia bataticola.** 089091
Fusarium, Pythium **& Rhizoctonia diseases** 089263
with soil disinfection. [**Rhizoctonia fragariae**] 089104
ten years. [**Rhizoctonia, polymyxa**]. 088426
group AG-5 of **Rhizoctonia solani** Kuhn. 086797
aureus) caused by **Rhizoctonia solani.** 089077
chemical. [**Rhizoctonia solani**]. 089116
beets. I. Pathogenicity of **Rhizoctonia solani** 089118
of inoculating methods of **Rhizoctonia solani** 089120
Pathogenicity of **Rhizoctonia solani** to aquat- 089187
of tomato fruit rots. [**Rhizoctonia solani,** Sc- 089219
cellulolytic enzymes of **Rhizoctonia solani** 089291
of tomato fruit rots. [**Rhizoctonia solani,** Sc- 089318
Pathogenicity of **Rhizoctonia solani** to aquat- 089705

RHIZOMES
Ginger rhizome: a new source of proteolytic 088088
Chemical study from **rhizomes** of **Pavonia** o- 087583

RHIZOPHORACEAE
of red mangrove, **Rhizophora mangle** L. 089614

RHIZOPUS
technique. [Botrytis **cinerea, Rhizopus**]. 089026
of peach diseases. [**Hytospora, Rhizopus**]. 089242
Control of brown **& rhizopus rots** of peaches 089151

RHIZOSPHERE
Bacteria & protozoa in **rhizosphere.** 087466
of micro-organisms in **rhizosphere.** [Wheat] 087467
approaches useful in **rhizosphere biology?** 091537
exudates in relation to **rhizosphere effect** in 087401
Rhizosphere microflora of Arachis hyprogaea 089075
Influence of **rhizosphere microflora** on avail- 091743
organic acids present in **rhizosphere** of **pea** 088071
Rhizosphere of **wheat** roots studied by elect- 091547

RHIZOSPHERES
populations in **rhizospheres** of **Sorghum** vul- 089137

RHODAMINE
Dispersion & transport of **rhodamine B dye** 090322
Tests of **rhodamine WT** dye for toxicity to 090354

RHODODENDRON
Dwarf rhododendrons for rock garden. 088583
summer injury of **Korean Rhododendron:** R- 089440
oxide from **Rhododendron macrophyllum.** 088009
Modern rhododendrons. 088753
Gabriel, & Grand **Pre rhododendrons.** 088600
Pruning rhododendrons. 088754

RHODOPHYCEAE
Falkenberg (**Rhodophyceae, Ceramiales**) in 087424

RHODOTORULA
nucleotide levels in **Rhodotorula gracilis.** 087551

RHOPALOSIPHUM
Myzus persicae, **Rhopalosiphum maidis**]. 089352

RHUBARB
projectus, in **rhubarb** in **Ontario.** 089457

RHUS
of traditional vegetable dyeing. [**Silk, Rhus** 083222

RHYACIONIA
in Netherlands. [**Rhyacionia buoliana**]. 086050

RHYNCHOSCIARA
in nurse cells of **Rhynchosciara angela** Nona- 090595

RHYNCHOSPORIUM
Transmission of **Rhynchosporium secalis** on 089002
Host range of **Rhynchosporium secalis.** [Bar- 089003
spectrum of **Rhynchosporium secalis** in Nor- 089175

RHYTHM
Biological rhythms in plants under various l- 087409
Control of **circadian rhythm** of locomotor ac- 090705
of feeding motions **& rhythms** of **corn** earwo- 090644
Quantifying **rhythmic movements** of Albizzia 088161
Rhythms of **nuclear** divisions & septation in 087193

RIBOFLAVIN
some properties of **riboflavin-dependent** mut- 087449
of thiamine **& riboflavin determination** in m- 083448
Biosynthesis of **riboflavin glycosides** by plant 087816

RIBONUCLEASE
IV. Genetic control of **ribonuclease activity** 086868
Ribonuclease activity in half opaque-2 kerne- 087040
properties of **ribonuclease** H of **calf** thymus 084293
Studies on bovine **pancreatic ribonuclease** A 084053

RIBONUCLEIC
infectivity of a feline calicivirus **& its RNA.** 085244

of Drosophila [melanogaster] [RNA] on BD 090501
by hybridization in ribonucleic acid excess. 084792
Multiple nuclear ribonucleic acid polymeras- 087416
Deoxyribonucleic acid & ribonucleic acid sy- 087541
polyadenylate sequences in ribonucleic acid 087683
An arginyl-transfer ribonucleic acid protein 087846
activity of chromatin-bound ribonucleic acid 088155
of brome mosaic viral ribonucleic acid in a 089353
weight pathogenic RNA [ribonucleic acid] f- 089418
to ribosomal & transfer ribonucleic acids. [087970
of tobacco rattle virus ribonucleic acids. 089347
major source of chromatin-associated RNA 084121
activity of chromatin-bound ribonucleic acid 088155
RNA in cecropia moth ovaries: sites of synt- 090593
TMV [tobacco mosaic virus]-RNA in a cell- 089414
A native DNA-RNA hybrid from Anacystis 087263
by gel electrophoresis of formylated RNA. 089415
Ribosomal-RNA genes in euploids & aneupl- 086885
A native DNA-RNA hybrid from Anacystis 087263
for initiation with plant messenger RNA. [088173
RNA metabolism during development of cot- 087973
Autoradiografic studies of RNA metabolism 090855
Multiple nuclear ribonucleic acid polymeras- 087416
of low molecular weight pathogenic RNA [r- 089418
studies shwoing loss of RNA from polar gra- 090605
as a component of viral RNA polymerase. 089423
morphology & in vitro studies of rna protein 090598
Ribosomal-RNA genes in euploids & aneupl- 086885
Synthesis & stability of ribosomal RNA in b- 087368
In vitro protein systhesis, ribosomal RNA s- 087341
on decomposition of RNA in sections of ma- 087739
RNA species obtained from clonal lines of a- 085583
of virus-specific double-stranded RNA of co- 089416
protein systhesis, ribosomal RNA synthesis, 087341
Stimulation of RNA synthesis in Cicer ariet- 088041
RNA synthesis in polytene salivary glands of 090510
neurohormonal regulation of RNA synthesis 090850
species of tryptophan transfer ribonucleic ac- 087327
An arginyl-transfer ribonucleic acid protein 087846
to ribosomal & transfer ribonucleic acids. [087970
in isoaccepting species of transfer RNA dur- 090534
of brome mosaic viral ribonucleic acid in a 089353
barley as a component of viral RNA polyme- 089423
fragments of tobacco rattle virus ribonucleic 089347
of host high molecular weight RNA in barley 089374

RIBOSOMES

Particle weights of active ribosomal subunits 087280
from leaves that dissociates bean ribosomes. 087962
Decrease of ribosome bound ribonucleolytic 087643
Ribosomal cistrons of water mold Achlya bi- 087233
Amplification of ribosomal cistrons in heter- 090606
X & Y chromosomes during ribosomal DNA 090743
Intraspecies variation of ribosomal gene red- 087082
synthesis of genes for ribosomal ribonucleuc 086870
Ribosomal-RNA genes in euploids & aneupl- 086885
In vitro protein systhesis, ribosomal RNA s- 087341
Synthesis & stability of ribosomal RNA in b- 087368
temperature profile of ribosomes from seeds 088249
complementary to ribosomal & transfer rib- 087970

RIBULOSE

lack of turnover of ribulose 1,5-diphosphate 087836

RICCIA

Riccia crustata Lev., a Hepaticae new for F- 086561
on reproductive biology of Riccia crystallina 087308

RICE

case study of Abinnimangalam village. [Rice 081926
Sungei Bujor in state of Kedah. [Rice]. 082046
relationship of paddy farms in Kerala. [Rice 082097
of high yielding variety of paddy. [Rice]. 082119
Commercial quality of rice: Norm of rice qu- 082707
of wheat, beans, corn, milk, & rice. 082906
Rice: a genuine nutritional food. 082948
Nutritive value of green fodder of rice. 083862
of chilling on ion uptake by roots. [Rice]. 087646
in ribonucleic acid of a higher plant. [Rice] 087683
of photoperiodic dosage & plant age on rice. 087698
of application of insecticide on IR.8 rice. 087791
leaf senescence by red & far-red light. [Rice 087827
Zinc-copper antagonism in nutrition of rice 087857
spacing under Kerala conditions. [Rice]. 088314
case study of Abinnimangalam village. [Rice 088370
of I. R. 8 paddy--a case study. [Rice]. 088448
paddy variety to transplant when. [Rice]. 088490
new antibiotic for sheath blight of rice. [Cor- 089113
A new glume blotch of rice (Oryza sativa). 089215
Pythium & Rhizoctonia diseases in rice. 089263
Gramoxone reduces tillage for rice. 089637
paddy weeds & their control in Japan. [Rice] 089679
of Pentatomidae, insect pests of rice. 089848
of BHC [Benzene hexachloride] by rice. 090391
for more panicles & spikelets. [rice]. 091908
slow-release nitrogen fertilizers for rice (Or- 091916
of application of insecticide on IR.8 rice. 091938
conditions on growth & root porosity of rice 087855
liming on growth & yield of rice in an acid 091794
insecticides in control of African rice stemb- 089973
as a serious pest of rice in Andhra Pradesh. 089851
Origin of aromatic rice varieties & their trai- 088313
Belt tightening underway among asian rice 082374
of biological control against Asiatic rice bor- 089857
absorption by excised roots of rice & barley 087644
Epidemiological studies on rice black-streak- 089351
Lipase production by rice blast pathogen. [089037
biological control against Asiatic rice borer 089857
Utility of induced mutations in rice breeding 086975
treatment of rice & buckwheat grains on sta- 083593
polycyclic hydrocarbons in commercial rice 083538
underway among asian rice consumers as sh- 082374
microwave radiation to control rice weevil in 089896
Pesticide residue levels in cooked rice & no- 090327
using production cost data of rice crop. 082078
Diptera: Ephydridae) a new pest of rice crop 089933
Ssline lands can yield rice crops. 088374
flowering duration in four rice crosses. 086844
Rice culture in southern European countries 088312
Rice culture. 088338
at paddy fields in direct-sowing rice culture 088438
Lepidopterous stem borers in different rice 089934
Pusa 2-21--a promising short duration rice v- 088379
accumulated substances in rice endosperm d- 087741
Focus on puddlers. [Rice, equipment]. 091337
Production & problems of rice fallows cotton 088377
Good irrigation management saves rice farm 088502
Copper in rice fields. [Weed control]. 089671
"mineyutaka", first rice variety possessing s- 086987
sasakii & its residues in rice grains, straw s 089280
of starch synthesis in ripening rice grains. 087669
Relation between size of grinded rice & ext- 090393
stem borers in different rice growing areas. 089934
for lands suitable to rice growing. 091488
on control system of paddy-rice-growth by 087900
BHC [Benzene hexachloride, rice] in soil of 090394
on fertilizer response of irrigated rice in Ir- 091991
paddy fields of warm regions. [Rice, Japan] 092162
A granulosis virus of rice leaf roller, Cnapha- 089849
Reaction of selected rice lines to stalk bore- 089920
maturities. [Corn, potatoes, rice, navy beans 083550
between weeds & rice for nitrogen under dry 088372
Raising good rice nursery. 088493
Paddy rice ripening & temperature. 087787
A study on control system of paddy-rice-gr- 087900
limit of poultry manure for paddy rice. 091792
phosphorus & potassium by rice plant. 087652
Cadmium uptake by rice plant & wheat as a- 087901
Shifting of cropping season of rice plant & i- 088437
of sheath net-blotch of rice plant & its caus- 089254
on lesion of sheath net-blotch of rice plant. 089255
Anatomical studies on sclerotia of rice plant 089256
Akagare disease of rice plant. 089517
Cadmium uptake by rice plant & wheat as a- 091990
seed weight & seedling growth in rice plant. 086936
of roots & shoots of rice plants. 087902
residues in unpolished rice, polished rice, st- 090387
varieties, & maturities. [Corn, potatoes, rice 083550
quality of rice: Norm of rice quality for con- 082707
Mutation induction in rice by gamma-rays c- 087147
pesticide residues from rice, red beans & soy 082735
Rice research & extension in Maharashtra 088453
Gene analysis of rice resistant to Pyricularia 086995
India on threshold of rice revolution. [Culti- 088458
of starch synthesis in ripening rice grains. 087669
Paddy rice ripening & temperature. 087787
ions in their absorption by rice roots. 087761
Good irrigation management saves rice farm 088502
Fungi from three varieties of rice seed. 089080
Theory & technique on rice seedling raising. 088311
of cell fine organization in of rice seedlings 087742
Reaction of selected rice lines to stalk bore- 089920
Culture of rice in Southern Italy. 088417
layer at paddy fields in direct-sowing rice cu- 088438
in Japanese daily foods. [Rice, soy sauce, s- 083570
On protein in potato, maize & rice starch. 083218
for successive generations of rice stem borer 089971
in hibernating larvae of rice stem-borer, Chi- 089936
in control of African rice stemborers. 089973
Studies on selection of rice strain by grain/ 087006
hydrocarbon pesticide residues in rice straw, 090386
in unpolished rice, polished rice, straw & pa- 090387
Interfarm irrigation network of rice systems 092132
Lead residues in unpolished rice, polished ri- 090387
tomato, cucumber, lettuce & unpolished rice 090399
yield of certain high yielding rice varieties. 087790
Origin of aromatic rice varieties & their trai- 088313
in yield of high yielding rice varieties. 088409
for evaluating resistance of rice varieties to 089321
"mineyutaka", first rice variety possessing s- 086987
morphological mutations in rice, variety IR 087131
a promising short duration rice variety for 088379
"mineyutaka", first rice variety possessing s- 089348
microwave radiation to control rice weevil in 089896
Growth responses of larvae of rice weevil, 090192
from cereal embryos. [Wheat, rice]. 087846
problems posed by annual wild rice. 089618
of short photoperiod on a late-winter rice. 087698
Ssline lands can yield rice crops. 088374
nitrogen & carbon in soil & rice yield. 091793
uptake & yield of certain high yielding rice 087790
difference in yield of high yielding rice varie- 088409

RICINUS

Tick control by malathion. [Ixodes ricinus] 090293

RICKETTSIA

antibody studies with Rickettsia sennetsu. 085207

RIDGES

Usefulness of ridge cultivation in Nigerian a- 092037

RIESLING

SEE WINE

RIGID

Rigid, semi rigid or soft: sterilizable packin- 083069
Measuring moduli of rigidity of solid wood 086154

RIME

Do not let us underestimate rime in our for- 085839

RINDS

Controlling rind blemish in citrus fruit. 089486
Effect of gibberellic acid on rind quality & s- 083709

RING

Studies on annual-ring width of Sugi (Cryptomeria 086796
shoots treated by pinching & bark ringing. 087980
of formation of ring chromosomes & somatic 087161
Formation of rings from Drosophila DNA f- 090718
Control of fairy ring of lawns in light soils. 089065
of beta-D-glucosides of ring-hydroxylated ur- 089755
of uropygial glands of ring-necked pheasants 084057
Nose ringing of pigs. 5th ed. 083984
Plum ring-spot & shot-hole virus: A new rec- 089344
of beta-technique of ring precipitation test 085227
Planning & execution of ring tests to deter- 082718
reconstruction for collapsed tracheal rings. 085034
Witch rings in ornamentals--more than a ha- 089172

RINGSPOT

sativum l.), induced by nasturtium ringspot 089333
Aerial detection of tobacco ringspot virus-in- 089389
Seed transmission of tomato ringspot virus 089386
Seed transmission of tomato ringspot virus 089387

RIPENING

of Trappist cheese during its ripening. 082855
of Trappist cheese during its ripening. I. An- 083272
products in cheese during ripening. 083315
of Trappist cheese during its ripening. 083341
on apples & pears during storage & ripening 083710
in rice endosperm during ripening. 087741
Abscisic acid in grapes during ripening. 088113
changes in cell walls of ripening apples. 088137
held in cold stores with ripening apples. 089472
Biochemical aspects of cheese ripening. 083289
caseins in various types of ripened cheeses. 083328
conductivity of various early-ripening thin-fi- 087653
Inhibition of ripening & indole-3-acetic acid 088085
pertaining to storage & ripening in mango f- 083690
Determination of states of ripening in onion 088101
of starch synthesis in ripening rice grains. 087669
Paddy rice ripening & temperature. 087787
Effect of temperature on ripening & storage 083590
changes during ripening & storage of peach 088196

RIVERS

for measuring growth of bacteria in a river. 092087
Molassenvorland" between Aar River Valey 086629
season improved pasture at Adelaide River, 084439
Factors affecting river training. [Flood cont- 092115
Factors affecting river training, & flood plain 092171
Factors affecting river training. [Flood cont- 092174
Factors affecting river training--flood plain 092196
Factors affecting river training flood plain r- 092199
Origin of maize from Amazonas River mouth 086550
Nitrates in Upper Santa Ana River Basin in 092318
for management of waters of river Arno. 092172
meteorological bulletin of Panaro river basin 081949
Nitrates in Upper Santa Ana River Basin in 092318
afforestations of former bed of Bistrita river 085959
River training of lower Colorado River. [Fl- 092185
network of rice systems on Cuban River of 092132
ancient & modern delta of Syr-Darya River. 086657
to depth of current of Amu-Darya River. [Ir- 092262
floodplain vegetation along lower Gila River 086627
Damages at source head of Hitotsuse-River 085837
passage of flood flow in river Main near As- 092180
Training of lower reaches of Mondego River 092184
Importance of river morphology in design of 092176
of maize from Amazonas River mouth. 086550
of drainage canal terminus (river mouth) & 091255
I. Cyanophyta of Musconetcong River. 086609
pasture at Adelaide River, northern territory 084439
Agro-meteorological bulletin of Panaro river 081949
Land reclamation & river pollution problems 092389
PCB) in fish & waters of upper Rhine River 090407
to problems of evaluation f saline river soils 091567
gairdneri) in South Saskatchewan River. [092321
Floodplains of small rivers of use to animal 082309
to problems of evaluation f saline river soils 091567
models for solution of river training proble- 091262

Factors affecting **river training.** [Flood cont- 092115
Factors affecting **river training,** & flood plain 092171
Factors affecting **river training.** [Flood cont- 092174
Review of **river training** measures in India. 092175
State of art of **river training** in Brahmaputra 092177
basins & their effect on **river training.** [Flo- 092178
Some aspects of **river training** & flood contr- 092182
River training of lower Colorado River. [Fl- 092185
Factors affecting **river training**--flood plain 092196
River training in Victoria. [Flood control]. 092197
Factors affecting **river training** flood plain r- 092199
Molassenvorland" between Aar **River Valey** 086629

ROADS

of molasses on tracks & **roads.** 082336
to render forests accessible. [**Roads**]. 085922
Machinery & equipment in **road building.** [086193
On problem of **road construction** in flysh ar- 085943
of weather factors on **road construction** & 091371
Fundamental experiment at **flat road.** 091392
River by typhoons in 1971. [**Forest roads,** l- 085837
work for cutting slope of **forest road** in Ehi- 085906
On decision of profile line of **forest road** by 085935
surrounded by cell wall system. [**Forest road**] 086042
Road maintenance on plain in areas close to 085916
On load capacity of rural **road networks.** [F- 085889
Road stabilization in fruit growing farms. 088856

ROASTING

of free amino acids during **roasting** of **green** 083158

ROBINIA

minded areas. [Reforestation, **Pinus, Robinia** 086091
associated cells of **Robinia** & **sycamore.** [Pla- 086813

ROCK

Problems with Plymouth **Rock chickens.** [A- 083937
Raising Plymouth **Rock chickens.** 083938
Dwarf rhododendrons for **rock garden.** 088583
Influence of **mother rocks** & their weatheri- 091662
Notes from Long Island. [**Rock plants**]. 088569
special forest-economic region on **rocky soil** 085978
Determination of selenium in **rocks, soils,** & 087596
grown on soils derive d from **volcanic rocks** 091835

RODENTS

Cycle of a **rodent filaria** passed by mosquitos 090218
of a filter rack for **laboratory rodents.** 085094
like strains isolated from **murine rodents.** 085194
Rodent pests of West Africa. [Economic pla- 089569
liver & lung samples from **small rodents** for 085097

ROOFS

Materials used for **roofing** of **greenhouses.** 091265

ROOMS

Benzene hexachloride] on Petridish in **room** 090395
There's **always room** for herbs. 088960
Egg room sanitation. [Poultry farms]. 083934
jarosites at **room temperature.** [Soil chemis- 091566

ROOTING

growth regulators on **rooting behaviour** of c- 087573
Studies on **rooting characteristics** from paper 088431
phenolic compounds in **rooting** of **cuttings.** 088073
Horticulturist studies **direct rooting** of poin- 088826

ROOTS

Influence of chilling on ion uptake by **roots.** 087646
water content on uptake of ions by **roots.** I. 088083
fertilizer to sugar content & quality of **root** 088428
Root anatomy & growth responses of blue p- 086717
of nematode fauna of potatoes & **root area** of 089577
incognita on peach by chemical **bare-root** di- 089551
Alkaloids of **root bark** of Crioceras dipladen- 087494
Structure of **barley roots** in relation to tran- 086818
Cation uptake by excised **barley roots** from 087660
on potassium absorption by **barley roots.** 087737
of Rhizoctonia solani on sugar **beet roots** in 089120
Black root rot of strawberries; trials for its 089104
Population dynamics of **cabbage root** fly in 090025
ammonia-lyase activity in **carrot roots.** 088156
of enzyme system in growing **root cell.** II. i- 087694
alanine-14C [carbon] by soybean **root cells** 087710
cytoplasmic inclusions in Allium **cepa roots.** 086811
Inorganic cations in Allium **cepa roots.** Intr- 086812
properties of forage **root crops** on rate & m- 088512
Fighting weed seeds in **root crops** & oil cro- 089699
of raspberries from **root cuttings** in response 086937
black walnut clones from **rooted cuttings.** 088847
penetrans in raspberry **root cuttings.** 089552
Control of regeneration in **roots** of **deep-roo-** 089746
soil strength & **root development** of asparag- 086799
of histology of lateral **root development** in 086815
cultivation systems on **root development** of 087771
soil strength & **root development** of asparag- 088836
on peach by chemical bare-**root dips.** 089551
solute uptake by a randomly **dispersed root** 087552
Effects of test duration, **root distrubance,** & 087675
nematodes on Fusarium [solani] **dry root** rot 089197
Effects of test **duration, root** distrubance, & 087675
in excised Lycopersicum **esculentum roots** of 088126
on cell cycle kinetics in **excised root** merist- 086708
Manganese absorption by **excised roots** of r- 087644
Aldrin epoxidation by plant **root extracts.** [088142
Soil moisture content & **root exudates** in re- 087401
Bionomics & control of **root feeding** insect 089776
Population dynamics of cabbage **root fly** in 090025
Effect of **root** & **foliage** treatment with a pe- 089221
physicomechanical properties of **forage root** 088512
functional from **non-functional roots.** [Triset- 087789
of geotropic motions of **roots** of **germinating** 088259
physiological action of Panax **ginseng roots** 088187
of enzyme system in **growing root** cell. II. i- 087694
Influence of **root hairs** in supplying soil pho- 087725
Colonization of **host-root** & soil by Rhizobia 087886
Colonization of **host-root** & soil by Rhizobia 087887
lyase in Japanese radish **root infected** by d- 089046
Eight years of **root injury** from water table 089460
pith & sweet potato **root isoperoxidases** in r- 087849
levels on development of **roots** in **jute** palnts 087403
in soybeans to a new race of **root-knot** nem- 089467
Root knot on potato in West Pakistan. [Me- 089553
Further studies of histology of **lateral root** 086815
of beet yellows virus titres in **roots** & **leaves** 089403
A **root lesion** nematode parasitic to cotton in 089466
oxide of nitrogen], & **macerated roots** on N 091555
Damage to **roots** of **maiden** trees held in cold 089472
of nitrate reductase in **maize roots.** 087714
carbon dioxide by **roots** of **maize** & bean. 087743
of protein nitrogen in cells of **maize root.** 087745
Control of **root mealybugs** on foliage plants. 090008
of mitotic cell cycle in **root meristem** of Zea 087879
cell cycle kinetics in excised **root meristems** 086708
notion of heterophagy in **root meristems** of 088089
Uptake of solutes by **multiple root** systems 087552
Phosphate flow into **mycorrhizal roots.** 087470
period in Western Australia. [**Root nodule** 087885
strain differences in field. [**Root nodule** bac- 087886
for ethylene. [Peas, **root nodules**]. 087542
thiphosphatase activity of **oat roots.** 087851
gradients near a plane of **onion roots.** 088083
sugar derivatives from intact **peanut roots** u- 087838
determination for ethylene. [**Peas, root** nodu- 087542
for measuring relative **root performance** of 087228
horizon under influence of **pine roots.** [Pinus 091489
Zones of exudation along **plant roots** & spat- 087467
Plant root systems & crop growth. 087603
for stimulation of respiration of **plant roots** 087735
Interaction of shock waves with **plant roots.** 087864
Aldrin epoxidation by **plant root** extracts. [088142
water conditions on growth & **root porosity** 087855
ammonia-lyase in Japanese **radish root** infec- 089046
of Pratylenchus penetrans in **raspberry root** 089552
On a method for measuring **relative root** per- 087228
Separation of microbial & **root respiration.** 091522
ions in their absorption by **rice roots.** 087761
patterns of Fusarium [solani] **root rot** devel- 089066
Root rot of lentil. [Rhizoctonia]. 089090
Black **root rot** of strawberries; trials for its 089104
Studies on **root rot** of sugar beets. I. Patho- 089118
*** 089120
Armillaria [Mellea]**root-rot** of fruit trees. 6 089153
on Fusarium [solani] dry **root rot** of beans. 089197
clones of Fusarium solani. [**Root rot**]. 089201
on Fusarium [solani] dry **root rot** of beans. 089545
characteristics of **roots** & **shoots** of rice plan- 087902
of alanine-14C [carbon] by **soybean root** cel- 087710
Influence of **root stock** breeding with Vitis c- 087096
Examination o **root-stock** influence in vine-p- 088808
energy of fruit-tree varieties & **root-stocks.** 088103
of aeration on modification of **root structure** 088033
Rhizosphere of wheat **roots studied** by elect- 091547
histological research on **roots** of **sugar** beets 089250
on iron content in leaves & **roots** of **Sultani** 087928
uptake by a randomly dispersed **root system** 087552
cultivation on development of **root system** of 088202
Uptake of solutes by multiple **root systems** 087552
Plant **root systems** & crop growth. 087603
cuttings, as affected by **root temperature,** nu- 088047
A **root tip** squash technique for soybean chr- 086751
BUdR) in Zea mays L. **root tip** cells. [Corn 087051
Root & top pruning of white spruce at time 086023
on tissue explant derived from **tuberous roots** 088215
Studies on **root type** & breeding of sweetpo- 086988
Special aspects in tuber & **root vegetables.** 089098
regeneration in roots of deep-**rooted weed** C- 089746
Rhizosphere of **wheat roots** studied by elect- 091547
calcium transport from within **root** to **xylem** 087861
of sugar beets. 4. transition of **root yield** & 088426
Relation between stand & **root yield** of sugar 088435
of sugar beets. 4. transition of **root yield** & 089115
Relation between stand & **root yield** of sugar 091386

ROOTSTOCKS

hardiness of Malling clonal **apple rootstocks** 087998
Apple rootstocks for intensive & semi-intens- 088615
of fruiting trees of some **apple rootstock** clo- 089300
under influence of **rootstocks** 5 **BB** & P-104 088204
sour cherries grafted to **different rootstocks** 088203
Comparison of **grape rootstocks** in nematode 089548
Influence of nature of **grape rootstock** multi- 089997
Experiment in **growing rootstocks** & grafts 088908
classification of **mango rootstocks** in nursery 088551
Effect of **rootstocks** on **nutritional** performa- 088122
Rootstocks for **pears** selected by Professor 088649

ROSA

absorption patterns of intact **Rosa flowers** in 088148
uptake rates by cut roses (**Rosa hybrida**) in 083702
on willow, oak & rose. [Salix, **Quercus, Rosa**] 090143

ROSACEAE

More **Sorbus aucuparia** for landscape archit- 088644
Agrimonia eupatorium L. (**Family Rosaceae**) 087357
oxysporum wilt of **variegated Pyracantha.** 089205

ROSES

Almanac for **roses.** 088705
reared from galls on willow, oak & **rose.** [Sa- 090143
Wood of Pereskia conzattii Britton **adn Rose.** 086733
Studies on mechanism of **Rose Bengal** plate 085296
Water uptake rates by **cut roses** (Rosa hybr- 083702
Roses with **false** names. 086562
Roses to **grow** for cutting. 088702
Hawaiian rose (Hibiscus). 088840
Some new **Indian roses.** 088776
Miniature roses. 088703
Studies on Turkish **rose oil.** 083704
Leaf blight of **rose** in **Punjab.** [Alternaria al- 089073
from "Paul's Scarlet" **rose suspension** cultu- 086809
Revival of **Victorian rose.** 088611
Roses of **yesteryear.** 088704

ROSIN

Rosin size prepared from Benguet pine oleo- 086214

ROT

Cylindrocladium [crotalariae] **black rot** of p- 089204
Control of **brown rot** disease caused by Scle- 089126
Brown rot of citrus fruit. [Phytophthora]. 089152
An unusual **brown rot** outbreak in a Florida 089206
Control of **brown rot** of stone fruits with th- 089220
of Fusarium [solani] root **rot development** in 089066
organotin compounds against red **rot disease** 089086
Control of brown **rot disease** caused by Scle- 089126
Ecology of heart **rot diseases** in Toko apple 089124
Ear-rotting potential of Helminthosporium 089200
Variations in **fruit-rot** susceptibility of stra- 089026
A Pestalotia sp. causing **fruit rot** in apple. 089057
cucurbitarum causing soft **fruit rot** of chillies 089079
Ecology of **heart rot** diseases in Toko apple 089124
a method of control of Botrytis **neck rot** in 089154
An unusual brown **rot outbreak** in a Florida 089206
Phytophthora-rot of Saintpaulia caused by 089178
Ear-**rotting potential** of Helminthosporium 089200
new organotin compounds against **red rot** di- 089086
patterns of Fusarium [solani] **root rot** devel- 089066
Root rot of lentil. [Rhizoctonia]. 089090
Black **root rot** of strawberries; trials for its 089104
Studies on **root rot** of sugar beets. I. Patho- 089118
*** 089120
Armillaria [Mellea]**root-rot** of fruit trees. 6 089153
on Fusarium [solani] dry **root rot** of beans. 089197
clones of Fusarium solani. [**Root rot**]. 089201
on Fusarium [solani] dry **root rot** of beans. 089545
Control **seedling rot** of maize with fungicides 089244
Epidemics of fruit **soft rot** on green peppers 089305
Stalk rot studies in maize. [Diplodia, Gibbe- 089140
Variations in fruit-**rot susceptibility** of stra- 089026
Experiments to control potato **tuber rotting** 089130

ROTARY

Drive rotary tools. [Tillage equipment]. 091344

ROTATION

III. Bare soil, short turf & crops in **rotation** 087588
Arhar-wheat is a good **rotation.** 088494
on techniques & **rotations** of **agricultural** ex- 092089
of agroeconomic evaluation of **crop rotation.** 082182
stabilization by measures of **crop rotation.** 088332
Soil building **crop rotations.** 088444
of leguminous grasses by **rotation** of **crops.** 089689
A **deferred-rotation** grazing system for sout- 088488
Rest-**rotation grazing** at Harvey Valley ... R- 084713
Rest-**rotation grazing** at Harvey Valley ... R- 088537
tillage for maize in a wheat-**maize rotation.** 088508
of cat's forelimbs during **rotation** in **sagittal** 084324
barley & peanut in a two **years' rotation.** 091779
bean & sesame in a two **years' rotation.** 091780

ROTYLENCHULUS

dynamics of **Rotylenchulus reniformis** in Ge- 089546

ROUGHAGE

nitrate] supplement to low **quality roughage** 084597

ROUNDWORMS

in-feed wormer **against roundworms** of shhep 085569

ROXBURGHINE

analysis of indole **alkaloids roxburghine** B, 087387

RUBBER

ethrel stimulation: A point of view. [**Rubber** 082288
Sale of budwood. [**Rubber**]. 082466

planting material-1972. [**Rubber**]. 088973
World's largest **butyl rubber**-lined reservoir 091259
test of them by employing an **elastic rubber** 091439
in plantation industry. [**Rubber, Malaysia**]. 082645
Rubber production. [Hevea brasiliensis]. 088948

RUBIACEAE
Sommera [**Rubiaceae**] in North America. 086521
of Relbunium sphagnophilum (**Rubiaceae**) & 086542
Serissa japonica (Thunb.) Thunb. (**Rubiaceae**) 086789

RUBIDIUM
between **Rubidium** & **Potassium** ions in their 087761

RUBRUM
SEE RED

RUBUS
mapping of blackberry species (**Rubus** L. su- 086396
Rubus arcticus L. & its cultivation. 088582
control of blackberry (**Rubus fruticosus** L. 089752
raspberry bushy dwarf virus in **rubus species** 089380

RUMEN
in acute experimental **rumen acidosis** in she- 085653
of nucleic acid derivatives by **rumen bacteria** 084105
products of glucolytic **rumen bacteria** in vitro 084234
Functional development of **rumen** in **buffalo** 084191
total volatile fatty acids in **rumen** of **buffalo** 084544
Functional development of **rumen** in **buffalo** 084550
Functional development of **rumen** in **buffalo** 084551
of propylenglycol in **rumen** of a **cow.** 084060
coagulation in acute **experimental rumen** ac- 085653
of C1 to C5 fatty acids in **rumen fluid** & fe- 084225
catabolic products of **glucolytic rumen** bacte- 084234
of unsaturated fatty acids in **rumen** of **goat.** 084609
of unsaturated fatty acids in **rumen** of **goats** 084606
diets on metabolisn in **rumen** of **growing** beef 084387
Rumen liquor pH [hydrogen-ion concentrati- 084113
level & volatile fatty acids in **rumen liquor.** 084191
Changes in **rumen liquor** dehydrogenase acti- 084344
dehydrogenase activity in **rumen liquor** of ca- 084346
on volatile fatty acids in **rumen liquor** of buf- 084549
level & volatile fatty acids in **rumen liquor.** 084551
starch or cellulose by **rumen microbes,** in vi- 084220
Adaptation of **rumen microorganisms** to biu- 084597
reports on biochemistry of **rumen** & **milk** pr- 084291
Effect of insulin on **rumen motility,** blood gl- 084187
effect of acid in intestine on **rumen motility** 084221
Surti buffalo bulls on **rumen nitrogen** fracti- 084556
Rumen Protozoa big bugs. [Fermentation]. 084129
total bacteria & **protozoa** in **rumen** liquor. 084550
in **rumen protozoon** Entodinium caudatum. 084089
characteristics of digesta in **reticulo-rumen** of 084103

RUMEX
in seedling samples of **Rumex acetosa** L. & 087200
carotenoids. [Nonea lutea, **Rumex acetosella**] 087196
repens, Chenopodium **album, Rumex** crispus 089749
intesive range management, **Rumex control** 089725
in germination of seeds of **Rumex crispus** L 087191
thistles & ragwort. [**Rumex obtusifolius,** Cir- 089590
a pasture to removal of docks (**Rumex spp.**) 089753
structure of **Rumex tianschanicus** & localiza- 086705
plants in alfalfa & clovers. [**Rumex, weeds,** 089690

RUMINANTS
of dry green-feedstuffs through **ruminants.** 084059
utilization & gluconeogenesis in **ruminant.** 084275
Protein utilization in **ruminants.** [Sheep]. 084501
to increase protein available to **ruminants.** 084503
protein nitrogen utilization by **ruminants.** 2. 084556
intake & plasma magnesium in **ruminants.** 084589
Managanese deficiency in **ruminants.** 2. Infl- 084772
Larval anthelmintic test in **ruminants.** 085492
Managanese deficiency in **ruminants.** 2. Infl- 085644
of feed-nutrients with **adult ruminants.** 084613
Nutrition of **ruminant animals** in relation to 084694
in East African **domestic ruminants.** [Kenya 085530
sulfate upon performance of **ruminants fed** h- 084568
fixed colonies of **ruminant Mycoplasma.** 085314
for propagation of **ruminant Mycoplasma.** 085316
vitamin A content of **normal ruminant's** blo- 084020
or contemporary. [**Ruminants, pigs**]. 083999
pulp as feedstuff for **ruminants** & **substrate** 083880

RUNOFF
Fertilizer runoff problem probed. [Water po- 092428
Forecasting runoff from universal surface ga- 092213
for Cincinnati, Ohio. [**Runoff hydrographs**]. 092275
Runoff measurement in small catchment are- 092106
to water-repellent soils to **reduce runoff** & e- 092019
On **runoff relations** in rainless days. [Water- 092113
Guard against **silage runoff.** [Silos, effluent 091244

RUPTURES
Spontaneous **aortic rupture** in turkeys & va- 085663
Surgery for bile **duct rupture** & obstruction 085057
Ruptured urinary bladder in post-parturient 085674

RURAL
Yugoslav community & old peasants. [**Rural** 082017
Planning & objectives for **rural adjustment** 082584
Health services in **rural America.** 082027
Cooperation in **rural area:** producer's associ- 082088
Health resources in **rural areas.** 081939
Old age & social work in **rural areas.** [Yugo- 082019
of social position of old people in **rural areas.** 082020
regional planning in **rural areas.** 082081
Does calf rearing pay in **rural areas?** 082241
in Missouri 1950 to 1970. [**Rural areas**]. 082501
recent regulations concerning **rural areas.** 082527
Rearing of capons in **rural areas** in a rational 083929
regional planning in **rural areas.** 092073
On statistics of **classified rural** communities 082502
Republic: limiting factors of **rural coffee** cul- 088966
haematobium, **rural communities**]. 081999
old--"peace time". [**Rural communities**]. 082015
On statistics of classified **rural communities** 082502
in Nagano Prefecture [**Rural community**]. 081977
law & recent regulations **concerning rural** a- 082527
needs of old people in **Croatian rural** distric- 082016
Rural development in Lebanon. 081928
Rural development training in Maysore Sta- 081973
Aged households in **rural development** of Ad- 082022
Land policy, land use & **rural development.** 082056
Finance for **rural development.** 082254
participation of a **rural development.** 082536
of old people in Croatian **rural districts.** 082016
households in Yugoslva **rural districts.** 082018
A survey of tapeworms in **rural dogs** in Tas- 085250
a new dimension to **rural economy.** 091443
Rural Electrification Corporation (progress 082585
Rural emergency care--problems & prospects 081914
Keeping of man in **rural environment** & kee- 092317
Housing conditions of **rural families** with ch- 081929
Rural family farm & social policy. 082180
Schistosoma **haematobium, rural** communiti- 081999
Houses for **rural landless.** 081931
without youth in **mountaineous rural** Yugosl- 082013
Households without youth in **plain rural** Yu- 082021
Ageing of **rural population**--causes & effects. 082014
of distribution & use of **rural properties** tak- 091301
of level of living in **rural Puerto** Rico. 082005
Rural reconstruction scheme: is it adequate? 082564
Farming sideline. [**Rural recreation**]. 082106
On load capacity of **rural road** networks. [F- 085889
agricultural cooperation & **rural society** in 081964
Rural sociological society: a membership pr- 082008
Agricultural technology, **rural sociology**]. 081912
fruits, outlook & selling of **rural stocks.** 082576
process. [Agricultural **technology, rural** soci- 081912
Rural unemployment. 082136
Aspects of **rural-urban** relations in area of e- 082001
Rural-urban differences in distribution of bir- 082007
Profiles of **rural youth:** a decade of migration 081963
in educational plans of **rural youth:** Norway, 082003
youth in mountaineous **rural Yugoslavia.** 082013
without youth in plain **rural Yugoslavia.** 082021
agricultural households in **Yugoslva rural** dis- 082018

RUSCUS
rare species of Danae Medik. & **Ruscus** L. 086776

RUST
of teliospores of Puccinia carthami. [**Rust**]. 089202
microscope-autoradiography of **rust-affected** 089177
Control of peanut leaf **rust alone** or in comb- 089184
Histology of **blister rust** cankers parasitized 086803
Photoperiodic studies on effect of **borwn rust** 088989
Histology of blister **rust cankers** parasitized 086803
artificial ultraviolet radiation on **cereal rust** 089008
Coffee rust menaces brazil's chief export. I. 089068
Coffee rust, a menace to Brazil's chief expo- 089069
Contribution to study of **coffee rust** (Coffea 089248
Wheat stem **rust epidemic** potential in 1972 089214
Geranium rust a continuing serious problem. 089155
Recent data about biology of **grape rust** mite 090044
Green island in **rust infection** of Sorghum. 089039
susceptibility of poplar leaf **rust influenced** 089112
studies on effect of borwn **rust inoculation** on 088989
Some new or **interesting Rusts** from Mahar- 086589
Studies on susceptibility of poplar **leaf rust** 089112
Wheat **leaf rust** in North Dakota in 1972. [089150
Control of peanut **leaf rust** alone or in comb- 089184
Virulence of wheat **leaf rust** in North Dakota 089218
Coffee **rust menaces** brazil's chief export. I. 089068
Rust mite of citrus. [Aculus pelekassi, chem- 090048
Recent data about biology of grape **rust mite** 090044
Some **noteworthy rusts.** IV. 086590
New genes for **rust resistance** in flax. [Mel- 087118
Red Egyptian wheat for reaction to **stem ru-t.** 086911
Wheat **stem rust** epidemic potential in 1972 089214
pathogen aggressiveness in **stripe rust.** [Puc- 089189
radiation on cereal **rust uredospores.** [Pucci- 089008
for resistance to **rust** & **Verticillium** [albo-at- 089237

RUTABAGA
phosphorus, & potassium on **rutabaga yields** 091815

RUTACEAE
alkaloids from Atalantia ceylanica (**Rutaceae**) 087347
cell suspension cultures of **Ruta graveolens.** 087446
biosynthesis in **Ruta graveolens** cell cultures 087513
Umbelliferae, **rutaceae, leguminosae**]. 087478

RYE
yield of vetch grown in association with **rye.** 088329
baking qualities of wheat-**rye amphiploids.** 083681
Perennial **cultivated rye.** II. Preliminary vi- 088547
ribonucleolytic activity during **rye embryo** g- 087643
valuable traits in tetraploid **rye relative** to 088540
Alpha-isoamylases of **rye seeds.** [Wheat, bar- 087820
performance in baking from **rye** & **wheat** flo- 083566
of effect of fast neutrons on **winter rye.** 087752
conditions on feeding value of **winter rye.** 091977

RYEGRASS
Ryegrass blast: a serious new disease in Lou- 089129
of fertilization on an **oat-ryegrass mixture.** 091931
of two genotypes of **perennial ryegrass.** [Lol- 087773
Chemical treatment of **ryegrass straw:** in vit- 083879
Salinity tolerance of Altai **wild ryegrass** & o- 087721

SACCHAROMYCES
Genetic mapping in **Saccharomyces** [cerevis- 086928
cell protein (**Saccharomyces cerevisiae**) pro- 084389
rho-mutagens in **Saccharomyces cerevisiae.** 086876
enzymes in **Saccharomyces cerevisiae.** I. En- 087102
enzymes in **Saccharomyces cerevisiae.** II. 087103
mutability. [**Saccharomyces cerevisiae**]. 087163
mutability in **Saccharomyces cerevisiae.** Co- 087164
from **Saccharomyces cerevisiae.** 087256
Saccharomyces cervisiae yeast culture in die- 084578
Saccharomyces cervisiae yeast culture in gr- 084579
resistance in **Saccharomyces creevisiae.** [Ge- 086878
of yeast. [**Saccharomyces ellipsoideus**]. 087456

SACCHARUM
Betula alleghaniensis, **Acer saccharum**]. 086026
Sugar maple, a wealth. [**Acer saccharum**]. 086056

SACS
Extirpation of **anal sacs** in ambulatory dogs 085072
Embryo **sac development** in Trautvetteria j- 086606
loss during embryo **sac development** in high- 087081
Embryo sac & endosperm development in s- 086699
Development of **embryo sac** of sunflower He- 086738
Development of **embryo sac** of sunflower He- 086739

SAFETY
to human, animal & **environmental safety.** 082795
Food safety in 1973. 082743
Technologists' Expert Panel on **Food Safety** 082813
Safety in **forest.** 085869
Protection of foods & **human safety.** 082842
Aspects of **job safety** & working conditions 091856
Analysis & research of **labor safety** in poult- 083406
rate of nitrogen may be **safe** for **pastures.** 091955
Toward a **safer PTO.** [Power take-off, tract- 091308
To **safeguard variability** of genetic partimony 084812

SAFFLOWER
Effect of long period of **feeding safflower** oil 084609
substances from **safflower** on **germination** of 089202
for polyunsaturated oils. [**Safflower oil**]. 083623
Effect of dietary supplement of **safflower oil** 084606
Cultivation of **safflower** as **oil**-crop. 088375

SAGEBRUSH
chrysomelid beetle defoliating **big sagebrush** 089624

SAGITTAL
s forelimbs during rotation in **sagittal plane** 084324

SAGITTARIA
SEE ALISMATACEAE

SAHIWAL
of cross-bred grades of Friesian & **Sahiwal.** 084827

SAHLBERGELLA
susceptibility of cocoa **mirid, Sahlbergella** s- 089822

SAINTPAULIA
SEE GESNERIACEAE

SALAMI
acid content of swine meat, **dry salami** & dry 083400

SALARIES
When is a **salary** an **investment?** 082257

SALICACEAE
West Himalayan Betulaceae & **Salicaceae.** 086719

SALICORNIA
process of development in **Salicornia stricts** 087188

SALINITY
irrigated lands according to data on **salinity** 092236
fym a good combination in **saline alkali** soils 091632
Alkaline, saline & acidic soil of Chingleput 091575
watershed in sodium **carbonate salinization** 091706
A preliminary study of **comparative salinity** 090286
Ca45 S04 [calcium sulfate] in a **highly saline-** 091695

studies on salt leaching in a **highly saline** s- 091747
Saline lands can yield rich crops. [Soil fertil- 091853
Marshy lands & **saline lands** of Lushnja dist- 092018
of irrigation conditions on **saline lands.** 092263
to problems of evaluation f **saline river** soils 091567
cotton plants under **salinization** with **sodium** 087736
by kankar. [Calcium carbonate, **soil salinity** 091634
Preliminary study on some **saline soils** of P- 091587
Salinity tolerance of Altai wild ryegrass & o- 087721

SALIVARY
Salivary cysts (mucoceles). [Dogs, cats]. 085629
on puffing pattern of **Drosophila salivary** gl- 090511
of a deoxyribonuclease in **salivary glands** of 090505
RNA synthesis in polytene **salivary glands** of 090510
chromosome in nuclei of **salivary glands** of 090823

SALIX
Ob bottom land near channel. [**Salix, plant** 086621
galls on willow, oak & rose. [**Salix, Quercus** 090143

SALMON
Oncorhynchus tshawytscha) & **Coho** (Onco- 082712
Muscological publications of E. S. **Salmon.** 086557
Oncorhynchus tshawytscha) & **Coho** (Onco- 090313
Differentiation of **salmon poisoning** disease 085205
Differentiation of **salmon poisoning** disease 085206
Differentiation of **salmon poisoning** disease 085207
botulinum control in cold-**smoked salmon:** a 082711

SALMONELLA
Salmonellosis: An important disease of cattle 085196
immunization of pigs **against Salmonella** ch- 085228
experiments with **attenuated Salmonella** dub- 085235
Studies on **Salmonella bacteriophages.** 085925
Elimination of **Salmonellae** by **biological** tr- 092307
Bovine salmonellosis in England & Wales: I- 085508
Vaccination against **bovine salmonellosis.** 085509
on incidence of **Salmonella** in a **butcher's** sh- 082886
Studies on **salmonellosis** in **calves.** I. Devel- 085234
Studies on **salmonellosis** in **calves.** II. Imm- 085235
Role of **salmonellosis** for **cattle** reproduction 084888
vaccine ("Dessau" **Salmonella choleraesuis** 085228
immunotherapy of **Salmonella choleraesuis** 085229
Incidence of **salmonellae** in **commercially** pr- 082827
A survey on **Salmonella contamination** of ch- 082834
steps for sanitation. [**Salmonella dublin**]. 084888
disease of cattle. [**Salmonella dublin**]. 085196
on pathogenesis. [**Salmonella dublin**]. 085234
Salmonella dublin infection in calves: value 085295
steps for sanitation. [**Salmonella dublin**]. 085437
of blindness **on experimental salmonellosis** in 085566
A report on latent **Salmonella infection** in 085287
in cases of **salmonellosis, pneumonia** & ente- 085456
using "Dessau" **salmonellosis serum** of porc- 085229
Systemic salmonellosis in foals. 085504
Viability of **Salmonella typhimurium** in ice- 083388
studies of **Salmonella typhimurium** in chick- 085274

SALMONIDAE
by caged rainbow trout (**Salmo gairdneri**) in 092321

SALTATORIA
n. sp., a new Rhaphidophoridae (**Saltatoria**) 090938

SALTS
Effect of fertilizer **salt accumulation** & low 089228
Investigation on addition of **calcium salts** on 083748
leaching operations on **salt composition** of s- 091736
Micronutrients in food **salt consumed** in Ita- 082913
by growth in high carbohydrate-**high salt** m- 085374
Effects of **iron salts** & other looseners on fr- 087938
sixty-second annual meeting **Salt Lake** City, 088333
Field studies on **salt leaching** in a highly sal- 091747
assemblage within sublittoral **salt marsh** ep- 086641
ion concentration] & **salt as measured** by fa- 083535
Insoluble **phosphate salts** as cytoplasmic inc- 086811
Soluble **salt problems** in fertilization. 091899
Salt resistance of certain kinds of trees in 087624
Effect of **sodium salt** of 2,4-dichlorophenoxy- 087645
Depth distribution of **salts** in **soils** irrigated 091602
Salt-stimulated adenosine triphosphatase fr- 088158
Salt tolerance of grape, guava & olive plants 087929
Salt uptake in plants grown at constant high 087240

SALVAGE
Technology & methods for **salvaging straw.** 088478

SALVIA
A new leaf spot disease of **Salvia leucantha** 089272
of several cultivars of **Salvia splendens** Sello 088054

SAMIA
cuticle in a saturniid moth, **Samia cynthia** r- 090676

SAMPLING
level, animal age & time of **sampling.** 084581
Prevalence of "clutch" **sampling.** [dogs, pigs 085139
staining technique in **sampling alfalfa** weevil 089897
seed with an **automatic subsampling** device 083532
cases in bees applying **average sampling** me- 091203
of seed dividers for **subsampling chaffy** gras- 083534
a multiple random start **sampling design.** 085945
variety testing. III. effect of **fibre sampling** 088503
of estimation methd, **sampling interval** & mi- 084219
Soil **sampling methods** used by agronomists. 091483
specific gravity of **randomly sampled** subalp- 086263
Gamet, & soil-sampler) in **sampling smooth** 083533
Sampling & storage technique for determina- 087892
Two-stage **stratified sampling** to estimate he- 088535
Importance of inspection & **sampling** in **tea** 082869
Weight sampling for size measurement of B- 082710

SAND
bogs which are covered with **sand.** 092072
Vegetation dynamics of lrge **sandy areas** in 086657
Salination & leaching of a **sand** & a **clay** soil 091658
Diagnosis & treatment of **sand colic** in horse 085746
Organic matter in **sandy Florida** soils. 091562
mineralogical composition of **sand fractions** 091670
Sand hill gardening. [soils, improvement]. 092031
development of asparagus on **loamy sands** in 086799
form of fertilizer nitrogen on **loamy-sandy** s- 091803
grape harvesting stage on **sands** of **Oltenia.** 083756
in grape vineyards planted on **sandy soil.** 091423
mechanical crushing grinding of **sandy soil** 091726
transformations in soils. I. In **sandy soil** un- 091779
transformation in soils. II. In **sandy soil** un- 091780
on growth of Panicum in **sandy soil.** 091907
of some timber species on **sandy soils** of Za- 085838
nitrogen fertilization in loamy & **sandy soils** 088220
increase production capacity of **sandy soils.** 091976
nitrogen fertilization in loamy & **sandy soils** 091993
rate upon moisture contents in **sandy soils.** 092074
Groundwater system in **sandy soils** of arid r- 092237
Soil preparation on closures of **sand-sunes.** 092020

SANDWICH
in commercially **prepared sandwiches** for ve- 082827

SANITATION
Grain storage & **sanitation.** 083631
fattening centres & steps for **sanitation.** [Sa- 084888
technical, hygienic & **sanitary aspects.** 084974
in 1971 national plant **sanitation campaign** 090311
Certain sanitary-veterinary investigations in 083512
Escherichia coli bacteria & **food sanitation.** 082704
technical, commercial, **hygienic, sanitary** im- 082850
Hygienic-sanitary rules for production, proc- 083337
Sanitary-hygienic measures used in Constan- 085128
technical, commercial, **hygienic, sanitary** im- 090208
to development & **sanitation** of **livestock** pr- 085100
Recent research on **sanitation management** 085052
Sanitary problems of manure utilization in 084009
Egg **room sanitation.** [Poultry farms]. 083934
Sanitary service for Apis mellifera. 091116
Soil sanitation in vegetables forcing & seedl- 092038
test as means of **sanitary veterinary** control 082874

SANTALUM
spike agent. [Vinca rosea, **Santalum album,** 089355

SAP
radiation sensitivity of corn **sap beetle,** Car- 090184
A new method of **sap flow** rate determinati- 087979
Inhibition ability of potato **leaf sap** in relati- 087156

SAPODILLA
by Phaeophleospora indica Chinn. [**sapodilla**] 089072

SAPOGENINS
biogenetic stage of **steriod sapogenins.** 087509
New sources of **steroid sapogenins.** XIX. 20s 087618
Steroidal sapogenins from Dioscorea in Mal- 088181

SAPONIFICATION
Composition of **unsaponifiable** of **olive** husk 083836

SAPONINS
Molluscicidal saponins of Phytolacca dodec- 087491
sugar components of **saponins** from **Primula** 087561

SAPOTA
SEE ACHRAS

SAPOTACEAE
Floral geophylesis of **Sapotaceae.** 086325

SAPROPHYTIC
function of **saprophytic microflora** in prophy- 085573
with pathogenic & **saprophytic pseudomona-s.** 089328

SAPWOOD
colour & strength of **pine sapwood** & beech- 086153

SARCOMA
sensitive mutant (ts 334) of **anian sarcoma** v- 085581
obtained from clonal lines of **avian sarcoma** 085583
properties of AKR mouse **sarcoma cells** ind- 085241
serum factor inhibiting **Rous sarcoma** virus 085393
of chemically inactivated **Rous sarcoma** virus 085580
sensitive mutants of avian **sarcoma virus.** [C- 085584

SARCOPHAGA
bullata as a pathogen of **Sarcophaga aldrichi** 090138
on linkage region. [**Sarcophaga bullata**]. 090637
in midgut of fleshfly, **Sarcophaga bullata.** 090650

SARCOPHAGIDAE
control of pupal diapause in **Sarcophagidae** 089797

SARCOPLASMIC
aging on chicken breast **muscle sarcoplasmic** 083515

SARCOPTIFORMES
degeneration in virgins (**Sarcoptiformes:** Ac- 090607

SARCOSPORIDIOSIS
mode of transmission of **sarcosporidiosis.** 085300

SATSUMA
Coloring of **Satsuma mandarin** (Citrus unshu 088095
Abnormal defoliation of **Satsuma mandarin** 089518
occurring in leaf fall of **Satsuma orange.** 086759

SATURATION
diurnal variation of water **saturation deficit** 088072
Methylating of unsaturated & **saturated fats** 083057
kinetik of initial stage of **unsaturated fatty** 083187
kinetic of initial stage of **unsaturated fatty** 083188
kinetic of initial stage of **unsaturated fatty** 083189
seed on hydrogenation of **unsaturated fatty** 084606
diet on hydrogenation of **unsaturated fatty** a- 084609
lamellar phases of **saturated monoglycerides** 083152
redox potential in a **saturated soil.** 091554
Mn, Cu & Fe in relation to **saturation of soil** 091605
torsional strength of **water-saturated** wood 086268

SATURNIIDAE
in Sarre (Saarland) (**Lepidoptera Attacidae**) 090890
W. Rothschild (**Lepidoptera Attacidae**). 091041

SAUCES
Nutritive value of soy **sauce residue** & its use 083859
aflatoxin during fermentation of **soy sauce.** 082675
in Japanese daily foods. [Rice, **soy sauce,** s- 083570
from Aspergillus sojae. [**Soy sauce.** 083606
microorgamism in brewing of **soy sauce.** 1. 083607

SAUERKRAUT
amines during fermentation of **sauerkraut.** 083762

SAUSAGE
weight of dip coating for **sausage.** 083397
in Schleswig-Holstein. [**Sausages**]. 083398
Quantity of sucrose in **sausages.** II. Experi- 083445
on hygienic & other qualities of **sausages.** 083491
Manufacture of **canned sausages** withlong s- 083425
in bacteriological media & in **dry sausage** by 082732
of foreign protein in **sausage products.** 083428
general condition of **sausage products.** 083487
Methods for maturing **raw sausages.** 083415
On topic: processing of **raw sausage.** 083419
Examination of changes of tea-**sausage slices** 083489

SAVANNAH
Trigonini) in **savannah** around **Lamto,** Ivory 090462
Hymenoptera in a moist **shrub savanna.** Eco- 090758

SAWFLIES
A note on seasonal occurrence of **sawflies** (091001
number of instars ina **sawfly, Diprion** similis 090123
Sawflies of **Mt.** Hiko, Kyushu (Hymenoptera 091005

SAWING
networks in timber **sawing establishments.** 086163
units into equivalent units at **power saws.** 086236
Sea transportation of **sawn tropical** hardwo- 086107

SAWLOG
Sawlog sizes: a comparison in two Appalach- 086261

SAWMILL
of roll conveyor design for **sawmills.** 086196
Fresh **sawdust bedding**--a possible source of 085209
Mechanization of work in **Finnish sawmills.** 086227
Private **sawmill operation** in Tanzania. 086202
of cellulosic materials. 2. **Processed sawdust** 084548
methods of control. [West **Virginia, sawmills**] 086198

SAXIFRAGA
On **Saxifraga sect.** Diptera of Japan, with d- 086333

SCABIES
percent of crop. [**Streptomyces scabies**]. 089133

SCALE
Waste removal in large **scale animal** farming 083943
Debach of California red **scale, Aonidiella** a- 090468
Colorado **scale beetle.** [Leptinotarsa deceml- 089989
of udder in cows in large-**scale breeding.** 085700
paeoniae, & a wax **scale, Ceroplastes** cerifer- 090014
Colorado scale beetle. [Leptinotarsa deceml- 089989
wine region under large-**scale conditions.** 088800

refined soybean oil: plant **scale evaluation.** 083604
Nutrition of cattle in large-**scale farming** co- 084724
Present state of large-**scale fruit** production 082132
to fighting disease & **scale insects** with che- 089531
Present state of **large-scale** fruit production 082132
Waste removal in **large scale** animal farming 083943
Large scale meat production. [Feedlots]. 084627
Nutrition of cattle in **large-scale** farming co- 084724
carried out in connection with **large-scale** va- 085232
of disease of udder in cows in **large-scale** br- 085700
Development of a **large scale** method for ve- 086076
Present state of **large-scale** fruit production 088667
of Matraalja wine region under **large-scale** 088800
Waste removal in **large scale** animal farming 091241
Managing & organizing of **large scale** use of 091390
plants providing pressure for **large-scale** spr- 092155
Discussion of paper: effect of **length scale** in 091383
Large **scale meat** production. [Feedlots]. 084627
Development of a large **scale method** for ve- 086076
Effect of pine **needle scale** on photosynthesis 090119
Control of **peony scale,** Pseudaonidia paeoni- 090014
"shelled almond **pilot scale** study application 090179
washing of refined soybean oil: **plant scale** e- 083604
Small **scale poultry** production. 083951
Control of peony **scale, Pseudaonidia** paeoni- 090014
melinus Debach of California **red scale,** Aon- 090468
Small scale poultry production. 083951
Fruits on a **small scale.** 088727
providing pressure for large-**scale sprinkler** i- 092155
"shelled almond pilot **scale study** application 090179
out in connection with large-**scale vaccine** p- 085232
scale, Pseudaonidia paeoniae, & a **wax scale,** 090014

SCANNING

Differential **scanning calorimetry:** Study of 083843
I. Application of **scanning electron** microsc- 083317
granules determined by **scanning electron** m- 083667
Scanning electron microscopy of yeast colon- 083764
Scanning electron microscopic observations 085213
Scanning electron-microscope studies of My- 085267
normal turkey sinus by **scanning electron** m- 085892
critical examination with **scanning electron** 086308
Scanning electron microscope studies on so- 086388
of Cannabis sativa from **scanning electron** m- 086707
Scanning electron microscopy of chlamydos- 086795
on fungal features by **scanning electron** mic- 086825
Parmeliaceae viewed with **scanning-electron** 086826
Scanning electron microscopy of chlamydos- 089142
critical examination with **scanning electron** 089146
Scanning electron microscope studies on mo- 090553
Scanning electron microscopy in study of te- 091506
Bee biology in **scanning microscope.** I. sense 090578
Bee biology in **scanning microscope.** II. bee 091139
Bee biology in **scanning microscope.** III. w- 091142
using light & **scanning microscope** techniques 091687

SCAR

Microflora of apple **leaf scars** in relation to 089001

SCARABAEIDAE

Melolontha hippocastani Fabr. [**Scarabaeid-e**] 090163

SCATOPHAGIDAE

n. from Yugoslavia (**Diptera, Scatophagidae**) 090869

SCENEDESMUS

Reversion of **Scenedesmus** [obliquus] photo- 086871
Food, protein sources, **Scenedesmus acutus**] 083224
intensity of unicellular **alga Scenedesmus** ob- 087295

SCENT

SEE ODOR

SCHEDULE

Use of computers in **scheduling irrigations.** 092169
Spraying schedule for controlling insect pes- 090077

SCHISTOCERCA

locusts & leafworms. [**Schistocerca gregaria**] 089828
in desert locust, **Schistocerca gregaria** Forsk 090428
in desert locust, **Schistocerca gregaria** (Ort- 090498

SCHISTOSOMATIDAE

of antigenic material from **Schistosoma bovis.** 085188
Pathogenic effects of **Schistosoma bovis** & S- 085189
of bilharziasis. [**Schistosoma haematobium,** 081999
pigs infected with **Schistosoma incognitum.** 085358
potentials of **schistosoma incognitum.** 085361

SCHIZAPHIS

Aphis gossypii, & **Schizaphis graminum.** 089394

SCHIZOPHYLLUM

of recombination in **Schizophyllum commune:** 086929
interactions in **Schizophyllum commune.** III 086931

SCHOOLS

technical schools & **schools** for **forest** forem- 085840
Influence of **Gosswald School** on ant resear- 085877
A farm management game for **high school** s- 082094
of organochlorine pesticides in **school meals** 082857
Veterinarians trained in **schools** of **public** h- 085120
What every **secondary school** vocational agr- 081902

SCIARIDAE

hawaiiensis (Hardy) (Diptera: **Sciaridae**). [090762

SCINTILLATION

soil samples by liquid **scintillation counting** 087430

SCIRTOTHRIPS

Valley navels. [Oranges, **Scirtothrips citro**] 089998

SCLEROTINIA

rot disease caused by **Sclerotinia cinerea** in 089126
as type species for genus **Sclerotinia Fckl.** 086447
of sclerotia of **Sclerotinia sclerotiorum** from 089009
Histopathology of **Sclerotinia sclerotiorum** 089191
sclerotia of some **Sclerotinia** & **Sclerotium** 087305
formation in some **Sclerotinia** & **Sclerotium** 087306

SCLEROTIUM

of sunflowers by **Sclerotium bataticola.** 089025
factors influencing **sclerotium formation** in s- 087306
of rice plant fungi: on **sclerotia formed** in fie- 089256
rots. [Rhizoctonia solani, **Sclerotium rolfsii,** 089219
relations in **sclerotia** of some **Sclerotinia** & 087305
germination of **sclerotia** of **Sclerotinia** scler- 089009

SCOLYTIDAE

lineatum (Coleoptera: **Scolytidae**) on respon- 090106
Sound production in **Scolytidae:** stridulation 090694
related to host infection. [**Scolytidae, forest** 090116
Problems on control of **Scolytidae, injurious** 090158

SCOLYTUS

caused by large bark beetle. [**Scolytus mali**] 090065
ulmi, Ulmus, **Scolytus multistriatus**]. 089232

SCOPOLIN

removal of glucose from **scopolin** in **tobacco** 087896

SCREENING

Screening for **antibacterial,** antifungal & ant- 087197
tenella: **screening** of **chemotherapeutic** com- 085330
Modified rapid **screening method** for aflatox- 082681
study of three **screening methods** for aflatox- 082687
as indicated by **postharvest screening** techni- 089026
Collaborative study of a **qualitative screening** 082691
Screening for **redundant** segments in Zea m- 087058
in Virginia pine cones by **screen wire** cages. 086088

SCROPHULARIACEAE

relationship of two species of **Mimulus.** [M- 087152
haustorium of Castilleja (**Scrophulariaceae**). 087333
haustorium of Castilleja (**Scrophulariaceae**). 087334
Studies in **Scrophulariaceae.** VIII. Phytoch- 087557

SCUTELLUM

Scutellar bristle components & canalisation 090574
Fatty acid profiles from **maize scutella:** a n- 087059

SCUTIGERELLA

garden symphylan. [**Scutigerella immaculata** 090067
for control. [**Scutigerella immaculata**]. 090034

SEA

a new deuteromycete on driftbarks in **sea.** 086453
Planting by **sea.** [Gardens]. 088718
Nutrition clouds & **sea:** Artificial weather, s- 092104
Thorium in water & algae from **Adriatic Sea** 087435
production in Caribbe **Caribbean Sea** & Sou- 082497
northern Iran along coast of **Caspian sea.** 085929
bivalves, opportunistic species in **deep sea.** 085860
Advancement of **sea** & **destruction** of pines 085832
Importance of **sea fishery** in time of Hanse 083019
Ground beetles collected from **sea-shore** drif- 090543
Sea transportation of sawn tropical hardwo- 086107

SEAFOOD

Factors affecting supply of **seafood-Virginia** 082479

SEASONS

Quality lamb out of **season.** 084789
obtained on grain during 1969/1970 **season** 089729
culture; use of plastics **abolishes seasons.** 088897
of generations & **seasonal abundance** of olive 090088
Seasonal activity & microdistribution of dro- 090575
Maskell), in relation to **seasonal availability** 090468
of fungicide trials of 1971-1972 **cereal season.** 089103
World situation of **cereals,** 1972-1973 **season** 082546
Seasonal changes in activity of genital syst- 084898
Seasonal changes in activity of genital syst- 084899
Seasonal changes in standing crop of two m- 086645
movements & some diel & **seasonal changes** 090760
Early **season control** of several foliage-feedi- 089967
Seasonal control of insects on Burley tobac- 089969
Cool season problem of grass tetany on incr- 085698
tolerance to clipping of some **cool-season,** s- 088366
for control of some early **season cotton** inse- 089866
Shifting of **cropping season** of rice plant & i- 088437
Relation between **cropping season** & fruit q- 088558
flora of an extreme late **season** in **Denmark** 086400
Seasonal development of sheath net-blotch of 089254
Control of **seasonal development** in parasites 089794
Control of **seasonal development** in parasites 089795
Control of **seasonal development** in parasites 089797
Control of **seasonal development** in parasites 089798
Control of **seasonal development** in parasites 090608
Control of **seasonal development** in parasites 090609
Control of **seasonal development** in parasites 090617
Control of **seasonal development** in parasites 090618
of Fuyu kaki. IV. On **seasonal difference** in 083804
on Ankole rangeland at **different seasons.** [084708
Spatial & **seasonal distribution** of Diptera, 090758
on growth of weaner cattle on **dry season** i- 084439
metabolism of carotene & **seasonal dynamics** 084360
insecticides for control of some **early season** 089866
Early season control of several foliage-feedi- 089967
Place & **season effects** on oil content of co- 083657
Nutritional & **seasonal effects** on solids-non- 084542
Seasonal emergence & persistence of green 087722
Seasonal forecasting of spring growth & flo- 087754
On **seasonal forms** of Blastothrix confusa E- 090616
Studies on determination of **seasonal forms** 090856
infecting sheep during **grazing season** on pe- 085192
state by blood **groups,** 1971-1972 **season.** [L- 084811
of weaner cattle on dry **season improved** pa- 084439
Seasonal movement of beef cattle prices by 082428
Seasonal occurrence of Aphis nerii Boyer in 089837
Popp. & its **seasonal occurrence** of field cro- 089947
Seasonal occurrence of Aphis nerii Boyer in 090795
A note on **seasonal occurrence** of sawflies (091001
A fixed model procedure for **season & parity** 084133
084135
Seasonal patterns of Fusarium [solani] root 089066
Seasonal polymorphism & developmental ch- 090544
Seasonal population fluctuations of Thrips t- 089952
Cool **season problem** of grass tetany on incr- 085698
Seasonal regulation of dormancy in Chryso- 090708
to clipping of some cool-**season, semiarid** ra- 088366
Inducing estrus in ewes out of **sexual season** 084960
Seasonal & spatial distribution of Tinea fusc- 090246
A **seasonal study** of marine algal vegetation 086398
defoliation of grapevines in **summer season.** 089519
price behavior among **seasons** for **Texas** ear- 082327
Seasonal variation of pigments in needles, a 088298
Seasonal variation in production time of He- 088923
Seasonal variations in composition & therm- 083308
Seasonal variations in chemical constituents 084042
in soil at beginning of **vegetation season.** 092247
moisture stress on yield & **seasonal water** r- 088424

SEAWEED

on bleaching & utilization of **seaweed** "gula- 083197
for organic substances in **seaweeds.** [Algae]. 087300
hydroquinones from **brown seaweed** Dictyop- 087426
Some **seaweed consumed** fresh in Phillippin- 083198

SECALE

Plasmodesmata in **Secale cereale** L. 086807

SECRETION

Secretion of **acid** polysaccharides by brown 087336
of flavonol **aglycones secreted** by buds of Ac- 087490
study of phytoflagellate & **algal secretion** in- 087310
in young pig: a review of **secretory antibody** 084350
Embryonic cycles & **secretion** of **cuticle** am- 090709
of dietary tallow on milk-**fat secretion** in cow 084584
Absorption & **secretion** of **fatty** acids & bile 084261
between accumulation of **secretory fluid** in a- 090857
Insulin secretion in fetal & neonatal sheep. 084099
in absorption & **secretion** of **lipids** in cells of 084331
of activity of saccharase & **maltase secreted** 091094
of immunoglobulins into **mammary secretion** 084076
Secretion of **meta-**cresol by some ground be- 090752
of excitation of cow udder & **milk secretory** 084173
of mechanism of inhibiting **milk secretion** in 084174
cistern relative to study of **milk secretion.** 084176
of electrical excitation on **milk secretion.** 084178
of effect of oxytocin on **milk secretion** & its 084179
Mucopolysaccharide secretion in female gen- 090848
Nectar secretion of red clover (Trifolium pr- 087866
Can larval epidermis **omit secretion** of a pu- 090676
of exocrine **pancreatic secretion** of calves. co- 084104
ultrastructural study of **secretory products** 090436
of prolactin on ovarian **progestin secretion** of 084298
Ovarian **progestin secretion** after enucleation 084299
of thyroidectomy on **secretion** of **prolactin** 084137
of cow udder & milk **secretory reflex.** 084173
adenohypophysis which **supports secretion** of 084172
insects. IV. **Secretion** of **trypsin** by Aedes a- 090496
Composition of bovine **udder secretion** during 084374

SECTIONING

SEE MICROTOMY

SEDGE

in standing crop of two **montane sedges.** [C- 086645

SEDIMENTS

Aquatic sediments. 092456
Sedimentation chambers for drains on Seyh- 092122
cells picture & **erythrocyte sedimentation** ra- 084343
Pascal soils developed on **marine sediments** 091550
some additives on **sedimentation** of **soluble** n- 083385

Sedimentation--technology & progress. [Wa- 092251
of bed-load theories to **sediment transport** d- 092209

SEEDING

Seeding blight of cashew (Anacardium occid- 089038
with "Accord Pneumatic" **seeding machine.** 091465
of designs of modern **seeding machines** & si- 091461
Site factors & **seeding methods** affecting ge- 086091
Plant introduction & **reseeding** in **mulga** zo- 088527
a self-propelled machine for **tillage, seeding** 091430

SEEDLINGS

variability of first leaf of **seedlings** (Carpinus 086702
Illustrations of **seedlings.** 1. 086750
of Trigonella foenum-graecum L. **seedlings.** 087575
level of Phaseolus radiatus, Linn. **seedlings.** 088016
yield at maturity of same **seedlings.** 088965
elongation growth of Sinapis **alba seedlings** 087631
Pruning Bramley's **seedling apple.** 088614
RNA synthesis in Cicer **arietinum seedlings** 088041
b-559 in greening **barley seedlings.** 087842
Germination, **seedling behaviour** & phytoma- 088268
of stem lesions on yellow **birch seedlings.** [089228
bean (Vicia faba L.) **seedlings** with **calcium** 089448
of Nemagon on seeds & **seedlings** of **certain** 087945
formation in **seedlings** of **Colocynthis** citrull- 087633
Control seedling rot of maize with fungicides 089244
complexes of dithioacids to **cotton seedlings** 089594
of Thrips tapaci Lind. on **cotton seedlings** in 089952
of Thrips tabaci Lind., on **cotton seedlings** (089878
A5 to gibberellin A3 in **seedlings** of **dwarf** P- 088144
in paper-pot raising of **seedlings enriched** wi- 091922
on undersown forage **seedling environment.** 086649
growth in silver fir **seedlings established** un- 088270
How to produce high-quality **fir seedlings.** [086063
of weight variation in Douglas-**fir seedlings.** 088261
of height growth in silver **fir seedlings** estab- 088270
Behaviour of silver **fir seedlings** from differ- 088271
management on undersown **forage seedling** 086649
Germination, seedling behaviour & phytoma- 088268
yield & quality of grafted **grape seedlings.** 088909
in vegetables forcing & **seedling growing.** 092038
fine organization in of rice **seedlings grown** 087742
pine & Norway spruce **seedlings grown** under 088298
growth in rice plant. I. **Seedling growth** dep- 086936
moisture uptake, **seedling growth,** dry weight 087685
growth in rice plant. I. **Seedling growth** dep- 087749
on growth of Pinus, Picea & **Larix seedlings** 088278
of anthocyanin pigments in **seedling legumes** 087708
cycle in verdant **maize seedlings.** 087748
free amino acids of **maize seedlings** as affect- 087882
yellow birch & sugar **maple seedlings.** [Betu- 086026
Frequency of **seedlings** from **natural** self-fert- 086070
fractions in top parts of **oat seedlings.** 089718
acid aminotransferase in **pea seedlings.** 087959
evaluation of blueberry & **peach seedlings.** 086938
composition of pinus **pinaster seedlings** & pl- 088283
nonmycorrhizal lodgepole **pine seedlings.** [P- 088251
planting of dormant lodgepole **pine seedlings** 088255
black leg attached to paper-**pot seedlings** of 089116
Theory & technique on rice **seedling raising.** 088311
Effects of herbicides on **seedlings** of **red** ma- 089614
of cell fine organization in of **rice seedlings** 087742
Theory & technique on **rice seedling** raising. 088311
Control **seedling rot** of maize with fungicides 089244
natural populations & in **seedling samples** of 087200
ammonia-lyase in Cucumis **sativus seedlings.** 088140
methods for producing **softwood seedlings.** 086062
Pinus sylvestris L. **Seedlings** by **spraying** nu- 086037
seed, succesful growing of **spruce seedlings.** 086021
of Scots pine & Norway **spruce seedlings** gr- 088298
Mass selection for **seedling survival** in a shr- 087037
of interplanting of **sweetpotato seedlings** in 088608
between characters of young **tea seedlings** in 088965
of glucose from scopolin in **tobacco seedlings** 087896
of dark-sided cutworm on **tobacco seedlings.** 089966
root distrubance, & **seedling transfer** on fluo- 087675
fruit-set in **transplanted seedlings** of papaya 088188
Seedling vigor of open-pollination progenies 086906
Seedling vigor & adenosine triphosphate lev- 087952
activity in chromatin of **wheat seedlings.** 087680
its ability to invade **wheat seedlings** after th- 089493

SEEDS

trading pattern will be established. [**Seed**]. 082317
Contribution to study of new oils from **seeds** 083092
depending completely on materials in **seeds** 086936
Trigonella foenum-graecum Linn. **seeds.** 087356
Magnetic treatment of **seeds.** 087374
germination in Crownvetch [coronilla] **seed** 087672
depending completely on materials in **seeds** 087749
of onion (Allium cepa L.) **seeds.** 088200
germination of kail (Pinus wallichiana) **seed** 088269
Plant varieties & **seeds** (Isle of Man) order, 088450
Wild flowers from **seed.** 088732
Perennials from **seed.** [Plants]. 088734
Starting with **seed.** [Plants, gardens]. 088741
Spacing of potatoes grown for **seed.** I. grow- 088900
Spacing of potatoes grown for **seed** iI. Influ- 088901
Polygonum pensylvanicum L.) **seed.** 089608
of red clover-Trifolium pratense L. **seed.** [In- 091209
Germination of hard **alfalfa seeds** under acti- 087654
of Association of Official **Seed Analysts,** six- 088333
Composition of **anise seeds.** 083116
A new Voltzialean cone **bearing seeds** with 086346
after harvest on quality of sugar **beet seed.** 083618
on pelleted monogerm sugar **beet seed.** [Fu- 089258
Field trials with sugar **beet seed** treated with 089976
Girdling for **better seedless** grapes. 088779
Production & processing of **seed** in **Bhendi.** 088821
cycle in germinating Ginkgo **biloba seeds.** 087328
Sampling Kentucky **bluegrass seed** with an 083532
oxysporum f. sp. Elaeidis as a **seed-borne** pa- 089017
Note on **seed-borne** diseases of chilli (Capsi- 089095
Seed-borne & other important diseases of gr- 089537
Breaking seed dormancy in Genista tinctoria 087242
in sampling smooth **bromegrass seed.** [Bro- 083533
oil of almond, pistachio & **cashew seeds.** 088206
Influence of grading on **cereal seed** quality. 083670
Chemical seed treatment for control of seedl- 089062
Fine structure of soybean **seed coat** & its ch- 083558
pea. V.I. Leaflet shape, pod & **seed coat** col- 086974
to improve stands of direct **seeded cole** crops 091959
of soybean on yield of **seed** in **conditions** of 091718
a new approach in storing **seed cotton.** 083620
zygote from irradiation of **cotton seeds** with 086848
Hybrid-4 **cotton seed** production & cultivati- 088395
Smith) Dowson, from **cotton seed.** 089310
globulin during germination of **cotton seeds.** 087657
Bhendi as a **seed crop** pays more. 088624
Natural forage **crops, seeded** forage corps: 088510
of research & developments in **seed-cum-fert-** 085931
in determination of a **defective seed** trait. [087057
survival of tree species **direct-seeded** on surf- 086091
to improve stands of **direct seeded** cole crops 091959
Effectiveness of various **seed disinfectants** & 089258
Comparison of four **seed dividers** (automatic 083533
Comparison of three types of **seed dividers** f- 083534
Comparison of four **seed dividers** (automatic 088335
Comparison of three types of **seed dividers** f- 088336
Studies on **seed dormacy** of post-harvest bar- 087810
Breaking **seed dormancy** in Genista tinctoria 087242
Different characteristics in **seed dormancy** 087810
Water problems in **seed dressing.** 089532
with various insecticide **seed dressings.** 089976
of chemicals in organic solvents to **dry seeds** 088171
Seed eluates on germination blotter --a ger- 088299
on germinated **seeds endosperms** alpha-amy- 087872
Forest selection, **seed farming** & growing of 086039
Study of mowrah butter (**seed fat** of Manhu- 083093
Natural forage crops, **seeded forage** corps: 088510
1972 **Foundation seed.** [Field crops]. 083560
Seed & fruit ripeness in apple variety Gold- 088205
Particular cases of **seed fungi.** [Symbiosis]. 087601
of trypsin inhibitors in **seed** of **genus** Glycine 087696
of differnet resistance of **germinated seeds** to 087744
investigations on **germinated seeds** endospe- 087872
level of ascorbic acid in **germinating seeds** of 087260
motions of roots of **germinating seeds** in so- 088259
benzo-thiadiazoles on **seed germination** of B- 087267
Promotion of **seed germination** by cyanide. 087547
Lettuce **seed germination:** prevention of the- 088027
Inhibition of **seed germination** by secondary 088114
Cereal **grain seed** treatments. [Tilletia foeti- 089148
Production of **seedless grapes** by gibberellin 088094
Girdling for better **seedless grapes.** 088779
considerations in shipping **grass seed** residue 082446
instructions for drying **grass seeds.** 083662
considerations in shipping **grass seed** residue 083899
Healthy seed, succesful growing of spruce s- 086021
Phytohemagglutinin from sunn **hemp seeds** 087283
in kenya. 7. breeding for **improved seed** & h- 087111
Hymenoptera: Pteromalidae) **infesting seeds** 091008
I. Rate of sorption by **seeds** & **influence** of f- 083527
Factors **influencing seed** yields in lucerne. 088369
analysis of some characters **influencing seed** 088408
seed treated with various **insecticide seed** dr- 089976
action & ethyleneimine on **seeds** of **Juglans** 086762
Extraction & germination of **kadam seed.** [086087
L-kopa in **legume seeds:** A chemical barrier 090083
magnesium coefficient of **seeds** of **leguminous** 087298
acid & on germination of **seeds** of **Lepidium** 087627
triphosphate level of **lettuce seeds.** 087952
Vigor vs. germination in **lettuce seeds** under 087995
Lettuce seed germination: prevention of the- 088027
carbon dioxide in overcoming **lettuce seed** t- 088162
Polysaccharides in **seeds** of some **Liliaceae** 088134
Seed losses reduced in Virginia pine cones 086088
Reduction of flat-podded rogues in **seed lots** 089497
Fifteen years of **lucerne seed** pollination in 091100
on pigmentation in developing **maize seeds.** 087797
Storage of **maize seeds** in dessicator with sil- 087868
Polysaccharides of **mango seeds** (Mangifera 088006
of Townsville stylo **seed material.** 087677
Seeds of **medicinal** plants. 088945
Effect of thiram on **seed mold** & germination 088996
in mechanical planting of **monogerm seeds.** 088435
of sugar beets using **monogerm seeds.** 088436
in mechanical planting of **monogerm seeds.** 091386
oxazolidinethiones from Brassica **napus seed** 087830
Proceedings of Association of **Official Seed** 088333
Fatty acids of **seed oil** from fruits of Opuntia 083028
of cis-4-alkenoic acids isolated from **seed oil** 083190
Storage & technology of **oil-seeds.** [Rapesee- 083568
of colza oil in preparation of **seed oil** & mar- 083760
Effect of insect pollination on **seed onion,** w- 088081
of bacterial contamination from **onion seed** 088165
Effect of insect pollination on **seed onion,** w- 091168
improve performance of **orchardgrass seed.** 087674
Yield estimate of **seed** in **Ostergotland** Coun- 088516
Produce your **own seeds** of tomato. 088626
A study of identification of **papaya seeds** in 083785
Lutana cicer milkvetch for hay, **pasture, seed,** 088460
Potato **seed piece** decay: Its control. [Fusar- 089082
seed mold & germination of slash **pine seed.** 088996
profile of ribosomes from **seeds** of **Pinus** la- 088249
Germination responses of native **plant seeds** 087622
use & quality control of **seed & planting** ma- 082870
Fifteen years of lucerne **seed pollination** in 091100
Potato seed piece decay: Its control. [Fusar- 089082
Effects of artificial infection of **potato seeds** 089131
Seed potato stain affects 10-40 percent of c- 089133
Advice for a good **seed** of **potatoes;** sprouting 088588
How many **seed potatoes** per hectare? 088632
of potato leaf-roll virus in **seed potatoes** in 089396
Wound healing of **seed potatoes** after pre-tr- 089447
Experimental studies on **seed production** of 087111
farms in plant breeding & **seed production.** 087113
maintenance of varieties for **seed production** 087146
Medicato sativa L.) for **seed production.** 087647
Hybrid-4 cotton **seed production** & cultivati- 088395
Experimental studies on **seed production** of 088466
On **seed production** of tropical grasses in K- 088543
Seed protection ensures better crop product- 089481
On **seed proteins.** I. distribution of protein f- 083655
Comparative study of **seed proteins** of certa- 086339
kikuchii on soybeans. [**purple seed** stain]. 089203
different storage containers on **seed quality** 083599
Influence of grading on cereal **seed quality.** 083670
glycinea & fungi affect soybean **seed quality** 089239
different storage containers on **seed quality** 091379
of time of sowing as well as of **seed rate** on 088329
pasture in dependence on **seed rate.** 088331
Response of small fababeans to **seed rate** & 088356
l.) at different dates of sowing & **seed rates.** 087758
of hybrid bajra to varying **seed rates** & dep- 088309
with radiation of **seeds** with gamma **rays.** 087168
Cultivation of **seed**--what are **research** & test 088515
considerations in shipping grass **seed residue** 082446
Fungi from three varieties of **rice seed.** 089080
shock in germination of **seeds** of **Rumex** cri- 087191
Alpha-isoamylases of **rye seeds.** [Wheat, bar- 087820
of safflower oil or **safflower seed** on hydrog- 084606
number determination test of **seed samples** 083669
Effect of Nemagon on **seeds** & **seedlings** of 087945
Forest **selection, seed** farming & growing of 086039
KRR 2, a white **seeded Sesamum** strain [Se- 088376
Embryo development & **seed set** in crosses f- 086873
of apigenin-5-methyl ether in **seed-shells** of 087437
Seed shopping. 082403
Effect of **seed size** upon germination, moistu- 087685
of thimet & disyston as **seed & soil** treatme- 089875
Importance of **seed source** in preliminary ev- 086884
Seed source of certain grasses in relation to 088468
Sowing seeds to their definite places, trials 088367
Studies on vacuum **seed sowing** equipment (091384
Fine structure of **soybean seed** coat & its ch- 083558
glycinea & fungi affect **soybean seed** quality 089239
of low temperature **seed sprouting** in tomato 086859
kikuchii on soybeans. [purple **seed stain**]. 089203
in Crownvetch [coronilla] **seed** by **staining** 083531
preceding crops & manuring of **seed stands** 088305
Annual report of Swedish **State Seed** Testing 083221
Studies on physiology of **seeds** under **storage** 083527
system: a new approach in **storing seed** cott- 083620
Alkaloids from **seeds** of **Strychnos** wallichia- 087429
on germination of Townsville **stylo seed** mat- 087677
Healthy **seed, succesful** growing of spruce s- 086021
fractions obtained from **sunflower seeds.** 083655
Production of **seed** from **tapped** & untapped 086032
Inheritance of low **temperature seed** sprouti- 086859
report of Swedish State **Seed Testing** & Cer- 083221
overcoming lettuce **seed thermodormancy.** 088162
in determination of a defective **seed trait.** [087057
Seed transmission of tomato ringspot virus 089386
Seed transmission of tomato ringspot virus 089387
Field trials with sugar beet **seed treated** with 089976
S. [ethyl menthanesulfonate] **seed treatment** 087020
under simulated drought, by **seed treatment** 087261
Chemical **seed treatment** for control of seedl- 089062
Cereal grain **seed treatments.** [Tilletia foeti- 089148
on chemical mutagens on apple **tree seeds.** 086952
Studies on **vacuum seed** sowing equipment (091384
chloride] spraying on **seed value** of wheat. 087878
Effectiveness of **various seed** disinfectants & 089258
Response of hybrid bajra to **varying seed** ra- 088309
during germination of **seeds** of **vetch.** 087740
Seed viability of maize (Zea mays L.). 087800
from non-imbibed Phaseolus **vulgaris seed.** 088180
tests for presence of noxious **weed seeds.** 089605
for tolerances of noxious **weed seeds.** 089606
analysis to tests for noxious **weed seeds.** 089607
Fighting **weed seeds** in root crops & oil cro- 089699
Longevity of crop & **weed seeds:** survival aft- 089749
Genetic relation between **seed weight** & see- 086936
About production of elite **wheat seed.** 088346

on respiration of germinating **wheat seeds.** I 091727
KRR 2, a **white seeded** Sesamum strain [Se- 088376
of some characters influencing **seed yield** of 088408
Kenya. 6. effect of harvest date on **seed yield** 088466
Factors influencing **seed yields** in lucerne. 088369

SEEPAGE
Research in situ on **seepage & balance** of wa- 092120
Seepage flows--field data measurements for 091983
On **seepage-water** control facilities & its co- 092162

SEGMENTS
Segmental aplasia of Mullerian ducts in Sh- 085711
on growth of mazzand **cherry segments** cult- 088230
auxin on pea stem **segment elongation.** 088170
Polarity of **insect segment.** II. Non-specifity 090479
of interchange & **interstitial segments.** [Corn 087053
Screening for **redundant segments** in Zea m- 087058
Effect of **segment relocation** on intragenic r- 087085
of traumatic occlusion of **segmental spinal** a- 085773
responses of Avena **stem segments** to gibber- 087834
on growth of oat (Avena) **stem segments.** 087841

SEGREGATION
Non-random **chromosome segregation** in spe- 090621
of "polar granules" in **segregation** of **pole** ce- 090602
B-chromosomes by **preferential segregation** 090518

SEISMIC
Seismic & resistivity exploration of soils & 085828

SELENITE
Uptake & distribution of **added selenite** & s- 087780

SELENIUM
of dietary selenium level on Se [**selenium**] b- 082992
among vitamin E, **selenium, antioxidants** & 084601
E, tocopherol quinone & **selenium** in **diet** of 090647
Prevention of **selenium interference** with m- 087245
Selenium & livestock nutrition in Montana. 085723
Vitamin E & **selenium relationships** in swine 084409
Determination of **selenium** in **rocks,** soils, & 087596
Effect of vitamin E & **selenium** on **tissue** ant- 084259
Effect of **selenium, vitamin** E, & antioxidants 084800
Efficacy of **selenium & vitamin** E injections 085689

SEMEN
Effect of **anti-semen** antibodies on embryonic 084846
constituents of blood & **semen** in **buffalo** cat- 084042
Swine **semen buffering** systems. 084757
of suitability for deep freezing of **bull semen** 084981
between some indices of **frozen semen** & its 084883
Intrauterine insemination with **frozen semen** 084891
findings in liquid conserved **ram semen** after 084887
into a diluent of turkey **semen suitable** for f- 084890

SEMIARID
SEE ARID

SENECIO
SEE COMPOSITAE

SENESCENCE
Development of "**senescence**" in Podospora 086979
inheritance of timing of "**senescence**"in Pod- 086980
in control of Oryza sativa **leaf senescence** by 087827

SENSES
Gustatory sense in fetal sheep during last th- 084864
in scanning microscope. I. **sense organs** of b- 090578
of some techniques of **remote sensing** in stu- 089561

SENSITIVITY
mean expression & **sensitivity** to **change** in 086931
Contact sensitivity in pig. 084988
cotton varieties with **different sensitivities** to 087658
resistance & **sensitivity** in **Drosophila.** 090558
A **sensitive fermentation** test for discovery of 083816
A specific & **sensitive fluorometric** assay for 087231
iV. Mapping of temperature-**sensitive genes** 086928
percent population having **greater sensitivity** 082965
Rapid **sensitive herbicide** bioassay by inhibit- 089603
Mosses: **sensitive indicators** of airborne mer- 089450
infectious anemia: **Sensitivity** of **indirect** co- 085311
Sensitivity to **insecticides** to full-grown larv- 089887
variation in **sensitivity** of X-**irradiation** in Tr- 090771
variation in **sensitivity** to X-**irradiation** in Tr- 090772
Identification of **maximum sensitivity** of dev- 087936
Sensitivity of **moss** sporelings to ultraviolet 087464
Stabilisation of a transient **mutagen-sensitive** 087100
capacities of a temperature **sensitive mutant** 085581
functions by temperature-**sensitive mutants** 085584
Temperature-**sensitive mutations** in Drosoph- 090529
Temperature-**sensitive mutations** in Drosoph- 090530
Sensitivity of **Oryzaephilus** surinamensis to 090189
Sensitive procedure for aflatoxin detection in 082789
Gamma **radiation sensitivity** of corn sap bee- 090184
Radiation sensitivity of sucessively irradiated 090204
Rapid sensitive herbicide bioassay by inhibit- 089603
Application of a **sensitive registering** method 087266
of a transient mutagen-**sensitive state** in Ne- 087100
functions by **temperature-sensitive** mutants 085584
aureolatus that is **temperature-sensitive** & o- 086839
iV. Mapping of **temperature-sensitive** genes 086928
Temperature-sensitive mutations in Drosoph- 090529
Temperature-sensitive mutations in Drosoph- 090530
pathogenicity & in **vitro sensitivity** to fungic- 089166
Sensitivity of **winter** wheat varieties to che- 086962

SENSITIZATION
Role of **sensitizing antibody** in neutralization 085578
Fate of **sensitized equine** arteritis virus foll- 085579

SENSORY
correlation of instrumental & **sensory data.** 082963
Microbiology & **sensory evaluation** of pheas- 083505
morphological studies of **sensory innervation** 090852
effects of aglycones on **sensory properties** of 083142
Functional & **sensory properties** of titanium 083571

SEPARATION
A dorsolateral muscle-**separating approach** f- 085049
Separation of basic amino acids on resin col- 083091
Retardation of **bivalent separation.** [Corn, g- 087049
Separation of **colored** components in black 083160
chromatography for **separation** of **complex** f- 083122
chromatography in **separation & detection** of 083118
Electrophoretic separation of peroxidases of 087095
of a method for **separation** of **humic** acids. 091785
Solids-**liquid separation:** an important step in 083968
Separation of mesophyll protoplasts & bund- 086804
Separation of microbial & root respiration. 091522
Changes in milk protein **separation pattern** 084585
A **rapid separation** & detection of dithiocar- 089078
Separation of theaflavins by chromatography 083162
Separation & ultrastructure of proplastids f- 087543

SEPHADEX
of batch operation on **CM-sephadex** ion exc- 082736
by chromatography on **Sephadex LH-20.** 083160
pattern of tea catechins on **Sephadex LH-20** 083161
by chromatography on **Sephadex LH-20** & 083162

SEPTICEMIA
of **colobacillic septicemia** of calf by vaccinat- 085491
Septicaemia in **foal.** A review of sixty/one c- 085299
vaccines against **haemorrhagic septicaemia** 085297
Serratia **marcescens septicaemia** in dog. 085409

SEPTORIA
Control of **Septoria** [apiicola] leafspot of ce- 089212
winter wheat. [Erysiphe **graminis, Septoria** 089132
to study of sporulation of **Septoria tritici** D- 089102

SEQUENCES
Amino **acid sequence** of cytochrome c from 087254
Application of **sequential analysis** to tests for 089607
pepo L. & **sequences complementary** to ribo- 087970
wheat grown in different **crop sequences** at 089253
Sequential development of viruslike sympto- 089383
beta bovine lactoglobulin in **peptic sequence** 084154
Presence of **polyadenylate sequences** in ribo- 087683
of intermediacy & **sequence** by **short**-term i- 087576

SERIAL
virus strains due to their **serial passages** in 085475
virus strains obtained after **serial passages** of 085476
Serial sectioning study of some meiotic stag- 090516
methacrylate embedding for **serial sections** of 090736

SERICULTURE
technical change in **Japanese sericulture.** 091179
Sericulture in **Thailand.** 091150

SERODIAGNOSIS
test applied in **serodiagnosis** of **cattle** brucel- 085480

SEROLOGY
Serological analysis of wheat striate mosaic 089412
Serological, chemical & immunochemical st- 085236
Serological diagnosis of parainfluenza-2, par- 085518
Studies on **serological differentation** of strai- 085432
Serological evidence of avian respiratory m- 085352
Serology of **ferritin**-antiferritin system: Imp- 085227
Serological identification of animal proteins 083473
Use of **serological method** for comparison of 089403
Serological studies on Theileria gorgonis usi- 085596
A **serological study** of bovine foetal immuno- 084071
Serologic surveys for avian encephalomyelitis 085410
Studies on reliability of **serological virus** de- 089428

SEROTONIN
propranolol on **blood serotonin** & pH [hydr- 084216

SERRATIA
SEE ENTEROBACTERIACEAE

SERUM
antigen & positive brucellar **serum according** 085302
FITC-labelled bovine **serum albumin** into is- 088232
chemical properties of **serum albumins** from 084028
Serum amino acids in young men consuming 082908
II. Appreciation of value of **antiglobulin sera** 085480
between egg proteins & **blood serum** & tissue 084253
osmotic pressure (COP) of **blood serum** pro- 084336
Levels of oxytetracycline in **blood serum** of 084348
reference to urea values in **blood sera** of swi- 084356
On transferrin concentration in **blood serum** 084373
Method obtaining **blood serum** from a small 085177
FITC-labelled **bovine serum** albumin into is- 088232
national antigen & positive **brucellar serum** 085302
in presence of normal **chicken serum.** 085475
gilts to pregnant mare's **serum/chorionic** go- 084386
Colon bacillus--**colon serum.** [Escherichia co- 085666
on titer of spermagglutinis in **sera** of **cows** 084288
for detection of antibodies in **equine serum.** 085311
A rabies-induced **serum factor** inhibiting Ro- 085393
virus by complement or anti-**LgG serum.** 085578
by complement or anti-**LgG serum.** 085579
Serum LH levels in bulls treated with synt- 084218
of vitamin "A" in **serum** of **piglets.** 084339
luteinizing hormone] in **sera & pituitaries** of 084136
Hemogram & **serum proteinogram** in some 085368
CAF) electrophoresis of **serum proteins** of n- 084063
pressure (COP) of blood **serum proteins** in 084336
using "Dessau" **salmonellosis serum** of porc- 085229
of PM [pregnant mare] **serum & stilbestrol** 084960
Serum vitamin A content of normal ruminant 084020
Effect of stress on **serum zinc** & plasma cort- 084232

SESAME
Linn. as affected by morphactin. [**Sesame**]. 087684
a white seeded Sesamum strain [**Sesame**]. 088376
under horse-bean & **sesame** in a two **years'** 091780

SESAMIA
cane on infestation of stalk **borer, Sesamia** 089955
borers infestation in Egypt. [**Sesamia cretica** 089956
Parasites of **Sesamia inferens** Walker at sug- 089935
integrated control of **Sesamia nonagriodes** (089904

SESQUITERPENES
a new tricarbocyclic **sesquiterpene alcohol.** 088285
of a novel **sesquiterpene dialdehyde** from La- 087616
Caespitol, a new **halogenated sesquiterpene** 087610
Sesquiterpene hydrocarbons of Bazzania tri- 087529
of novel tumor-**inhibitory sesquiterpene** lact- 087425
Novel **sesquiterpenes isolated** in Compositae 087577
Sesquiterpene lactones of Artemisia: TLC [t- 086503
Sesquiterpene lactones of Ambrosia cordifol- 087486
Biogenesis of **sesquiterpene lactones** of Com- 087579
Longilobol, a new **sesquiterpene triol** from 090826

SET
Britain sets strict phase II. Controls to curb 082388
Central yards of mechanized **conversion set** 086234
morphological components in a **diallel set** of 088419
acetic acid for more cotton. [**fruit-set**]. 087755
Pollination & **fruit set** on Ryoal Ann in Wil- 088120
on vegetative growth, flowering & **fruit-set** in 088188
Embryo development & **seed set** in crosses f- 086873
Investigations on usability of **various sets** of 082784

SETAE
at tip of contact **chemosensory seta** of blowf- 090698

SETARIA
Induced mutations in **Setaria italica** beauv c- 086863
seed yield in varieties of **Setaria sphacelata,** 088466
persistence of green foxtail. [**Setaria viridis**] 087722

SETTLEMENTS
Settlement & organization in agriculture. 082080

SEVIN
of pruning, bunch thinning, **girdling, Sevin** 088886

SEWAGE
Food from **sewage?** It can be done. [Feed]. 084727
characteristics of soils. [**Sewage disposal**]. 091572
Effect of **industrial sewage** sludge on net ass- 088265
on virus contents of **sewage samples.** 092464
uptake bvy wheat from **sewage sludge** used 087670
of refuse compost & **sewage sludge** in agricu- 091841
processed compost, refuse & **sewage sludge.** 091842
On isolation of virus from **sewage treatment** 092463

SEX
of fasting poultry of both **sexes.** 084337
Tenebrionidae): variation with age & **sex.** 090202
testosterone & oestrogens on **accessory sex** 084271
Sexual activity in birds. [Poultry, physiology 084820
Use of synthetic **sex attractant** of larch bud 090117
Sex attractant pheromone activity of elm sp- 090131
Evidence for a **sex attractant** in Agriotes lin- 090548
Sex attractiveness of adult female elder sho- 090033
Observations on **sexual behavior** of free-flyi- 090477
on accessory sex glands & **sexual behaviour** 084271
Sexual behaviour of White Leghorn cocks b- 084896
Secondary relations of **sexes** in two **breeds** of 084952
Characteristics, sex, differenciation & colour 090089
embryos: autosomal & **sex chromosomal** no- 084181
Sexual compatibility, morphology, physiolo- 089166
Sexual cycle in dwarf African & Toggenburg 084900
on course & control of **sexual development** of 084808
in hormonal influence of **sexual development** 084979

Diet, sex & vacuum packaging effects on po- 082799
Characteristics, **sex, differenciation** & colour 090089
Chemical reversion of **sex expression** on dio- 086939
Growth & **sex expression** in Sesamum indic- 087684
Pros & cons on separate **sex feeding** of broi- 084418
oestrogens on accessory **sex glands** & sexual 084271
of ovary of prepubertal & **sexually mature** gi- 084386
Sexual odor development in boars. 084147
histology of new **sex pheromone** glands in 090571
Sex ratios in polish natural populations & in 087200
Sex ratios at emergence of two species of hi- 090500
Sexual reproduction in Ophioglossum crotal- 087217
Inhibition of **sexual response** in males of mo- 090690
Inducing estrus in ewes out of **sexual season** 084960
Pros & cons on **separate sex** feeding of broi- 084418
Sexual & subsexual systems in homosporous 087219
Use of **synthetic sex** attractant of larch bud 090117
Lytic acting of some fluids of **sexual tract** c- 084345

SHADE

provenances under various degrees of **shading** 088271
Effects of various hive **covers, shading** & ven- 091156
Place a tree to **shade house.** 088713
by leaf maturity & **shade intensity.** 088123

SHADOW

aplasia of Mullerian ducts in **Shadow blue** f- 085711

SHEARING

A simple **shear press** for measuring tendern- 083615
Mechanization of **sheep shearing.** 091438

SHEATH

Validacin), new antibiotic for **sheath blight** 089113
mesophyll & parenchymatous **bundle sheath** 086725
of mesophyll protoplasts & **bundle sheath** ce- 086804
Seasonal development of **sheath net**-blotch of 089254
Anatomical studies on lesion of **sheath net**-b- 089255
functions of **ovariole sheath** & tunica propria 090683

SHEDS

Effect of milking in **milking sheds** on produ- 084379

SHEEP

in mulga zone of Western Australia. [**sheep**] 084004
subject to acetamid adaptation of **sheep.** 084058
into mammary secretion of **ewes.** 084076
magnesium, & inorganic phosphorus in **sheep.** 084160
urinary nitrogen excreted as urea in **sheep.** 084202
acid in intestine on rumen motility in **sheep** 084221
of sulphur into pastures grazed by **sheep.** [084224
content of ovarian venous blood of **sheep.** 084252
vein & function of adjacent ovary in **ewe.** 084270
of noradrenaline & adrenaline in **sheep.** 084277
Probing secrets of fetal immunity. [**Sheep**]. 084294
following bilateral ovariectomy. [**Sheep**]. 084349
Pennisetum clandestinum. [**Sheep**]. 084441
digestibility & voluntary intake by **sheep.** 084443
Protein utilization in ruminants. [**Sheep**]. 084501
protein available to ruminants. [**Sheep**]. 084503
Coronopus didymus) in dietary of **sheep.** 084557
hay compared with alfalfa hay. [**Sheep**]. 084592
quality roughage rations for cattle & **sheep.** 084597
estradiol-induced luteal regression in **ewe.** 084795
Corriedale x Bikaneri) breeds of **sheep** under 084825
population during oestrous cycle in **sheep.** 084867
Breeding for increased productivity. [**Sheep**] 084953
preservation & viability of embryos. [**Sheep**] 084968
following bilateral ovariectomy. [**Sheep**]. 085166
on immunological responses in **sheep.** 085320
weeks in presence of liquid nitrogen. [**Sheep** 085400
Tapeworm control also in **sheep?** [Moniezia 085434
isolation of Clostridium perfringens. [**Sheep**] 085484
for immunoglobulins of cattle & **sheep.** 085502
Two cases of avian tuberculosis in **sheep.** 085514
amarum (bitter sneezeweed) to **sheep.** 085794
of sulphur into pastures grazed by **sheep.** [091918
effects on glomerular filtration rate in **sheep** 084075
progesterone on oestrous cycle length in **ew-s** 084208
non-gravid uterus & foetal placenta of **sheep** 084375
acute experimental rumen acidosis in **sheep** 085653
of pulmonary **sheep adenomatosis** agent ant- 085574
from alimentary tract of **sheep affected** with 085576
dynamism of union of France-**Agnelle sheep** 082114
ovarian function in **anestrous ewes.** 084865
in pastoral zone of **Australian sheep** industry 082103
adenomatosis of **sheep** in **Bavaria.** 085519
to Merino ewes & sired by **Merino, Border** 084047
in superovulated Scottish half-**bred ewes.** 084801
Potential modernization of **sheep-breeding** in 084818
of Merino & Spanea **sheep breeding** on state 084913
of digestion by New World **camels, sheep** & 084048
A new life in highlands? [**Sheep, cattle**]. 083931
through certain studies. [**Sheep, cattle**]. 084008
Cattle, sheep perform well on urea supplem- 084677
in cerebrocortical necrosis. [**Sheep, cattle**]. 085758
factors on economic traits of **Chokla sheep.** 084188
in **sheep** before, during & after **cold** exposure 084276
Worm infestations in **sheep** & how to **control** 085335
from blood of **convalescent sheep.** 085204
treatment in intact **cycling sheep** after secti- 084741
or pituitary stalk section in **cycling sheep.** 084742
of normal & glutathione-**deficient sheep.** 084755
Experimental basophilia in **dogs, sheep** & r- 084357
Acquired resistance by **ewe** & its **effect** on p- 085257
Processed sawdust in high **energy sheep** rati- 084548
immune response to **sheep erythrocytes.** 085318
to induce ingestion of **sheep erythrocytes** by 085376
by grazing lambs born to **Merino ewes** & si- 084047
Resistance of **sheep** to **Fasciola** hepatica: St- 085301
pelleted rations for growing-**fattening sheep** 084570
acids, glucose & insulin levels in **sheep fed** d- 084596
Gustatory sense in **fetal sheep** during last th- 084864
Inhibition of muscle growth in **foetal sheep.** 084207
catheterization techniques in **foetal sheep.** 085067
of mercury in tissues of cattle & **sheep given** 090344
control of pasteurellosis in **sheep & goats** . 085351
Malignant theileriosis of **sheep & goats.** [Ir- 085531
Urea for **grazing sheep** & cattle. [Dietary s- 084695
at pre-determined times. [**Sheep, grazing**]. 091246
tissue free amino acids in **growing sheep.** 084602
of artificial insemination of **sheep** in a **herd** 084886
implications of group-feeding **hill sheep.** 084424
of Theileria hirci in **sheep** by **hyalomma** ana- 085525
Sheep immune respone. Variation of anti-ha- 085345
Purification of **sheep immunoglobulins.** 084338
exotic breeds of **sheep** in **India.** 084861
pastoral zone of Australian **sheep industry.** 082103
of Eimeria species **infecting sheep** during gr- 085192
pituitaries of ovariectomized & **intact ewes** 084136
A report of scrapie in **sheep** in **Kenya.** 085654
Use of inbreeding with **sheep** of **Kuibyshev** 084929
Studies in processing of **sheep & lamb** casin- 083476
main production traits in **longwool sheep.** II 084918
Reproductive performance of **maiden ewes** in 084945
by grazing lambs born to **Merino ewes** & si- 084047
of Finnish Landrace & **Merino sheep** & their 084768
by grazing lambs born to **Merino ewes** & si- 084769
Hemoglobin types of Polish **Merino sheep** 084917
wool characters in Polish **Merino sheep.** 084919
wool production in Polish **Merino sheep** by 084920
Insulin secretion in fetal & **neonatal sheep.** 084099
schizonts in abomasum of **Norwegian sheep.** 085191
Some aspects of **ewe nutrition.** 084717
Ultrastructure of **sheep osteosarcoma.** 085656
of progesterone on reaction of **sheep ovaries** 084033
experimental grass-pots. [**Sheep, parasites**] 085353
Cattle, **sheep perform** well on urea supplem- 084677
Primary structure of **sheep pituitary** growth 084055
Hemoglobin types of **Polish Merino** sheep 084917
certain wool characters in **Polish Merino** sh- 084919
increase wool production in **Polish Merino** 084920
of union of France-Agnelle **sheep producer** g- 082114
Pulmonary sheep adenomatosis (SPA) in M- 085574
Isolation of **sheep pulmonary** adenomatosis 085575
of fascioliasis. [**Rabbits, sheep**]. 085187
pustular dermatitis in **sheep rapid** diagnosis 085590
Effects of reproduction in **sheep** on **rate** of c- 084205
sawdust in high energy **sheep rations.** 084548
Nutritive value of **sheep rations** containing 084721
formation of productiveness in **sheep reared** 084010
Rearing sheep of Barbarine breed in Ousselt- 084007
amino acid patterns in **sheep receiving** abo- 084073
hepatitis in **sheep** within some **regions** of Se- 085547
on estrus synchronisation in **Sarda sheep.** 084978
Inducing estrus in **ewes** out of **sexual** season 084960
Mechanization of **sheep shearing.** 091438
of Finnish Landrace & **Merino sheep** & their 084768
Hemoglobin types of Polish **Merino sheep** 084917
wool characters in Polish **Merino sheep.** 084919
wool production in Polish **Merino sheep** by 084920
inhibition of thermal panting in **shorn sheep** 083246
of drugs on permeability in **sheep skin.** 085782
pregnant dam on their progeny. [**Ewes, sows** 084682
Concentration of Merino & **Spanea sheep** b- 084913
in cattle, pigs & **sheep,** with **special** referen- 085239
in skeletal muscle fibers in **starved sheep.** 084278
of a concentrate diet for **sheep** in **Trinidad.** 084709
therapy of prolapsus of **sheep vagina.** 085763
Sheep Veterinary Society visit to France, 085138
nutritional balance trial with **wether sheep.** 084469
Karakul lambs until weaned, **whereby ewes** 084612
tuberosa & Lolium perenne for **young sheep:** 084509

SHELF

of cured meat products of long **shelf-life.** 082733
Reduction of **shelf-life** of dairy products by 082802
of canned sausages withlong **shelf-life.** I. M- 083425
of cured meat products of long **shelf-life.** 083431

SHELL

"**shelled almond** pilot scale study application 090179
of acid phosphatase in **avian shell** gland. [P- 084106
A study of **shell-boring** marine algae around 086399
Problem of egg **shell breakage.** [Animal nutr- 084528
interpunctella Hb., on stored **shelled corn.** 090217
on bacterial penetration of avian **egg shell.** 082823
Effect of **egg shell** sweating on microbial sp- 082829
on bacterial penetration of avian **egg shell.** 083517
Effect of **egg shell** sweating on microbial sp- 083518
Egg shell as a source of calcium for growing 084555
Bacteriological condition of **shell eggs** mark- 082410
Quality of **shell eggs** marketed in India. 082411
Bacteriological condition of **shell eggs** mark- 082766
Quality of **shell eggs** marketed in India. 082767
From **shells** of **green** nuts; production of No- 083114
metabolism in laying hen. 6. **Shell quality** in 084308
of apigenin-5-methyl ether in **seed-shells** of 087437

SHELLFISH

Mercury in fish & **shellfish.** A review. 082814

SHELTER

SPF [specific pathogen free] **animal shelter** 091275
Shelter & bedding for beef cows. 083948
damage from strong winds by **shelter nets** & 089516

SHELTERBELT

in green ash in North **Dakota shelterbelts.** 090145
Shelterbelts protect plant moisture. [Field c- 087867

SHELTERWOOD

application in high **shelterwood forest,** & su- 085894
into **shelterwood** up to **selection** methods of 085895

SHEPHERD

myelopathy in aging German **Shepherd dog:** 085635

SHERRIES

New grape varieties for **Moldavian sherry** w- 088905

SHIELDING

A **fully shielded** universal joint & coupler. 091307
inexpensive meteorological **radiation shield** 085871

SHIPPING

Ships for **animals.** [Livestock, transportation 082470
Shipping fever prophylaxis: shipping fever i- 085465
Shipping fever. [Cattle]. 085697
economic considerations in **shipping grass** s- 082446

SHOCK

Effects of acute **anaphylactic shock** on arter- 085772
Effects of **mechanical shock** on chemistry of 089825
Phytochrome & **thermal shock** in germinati- 087191
Interaction of **shock waves** with plant roots. 087864

SHOOT

response to physical treatment of **shoots.** 086937
of photosynthates in **apple shoots** treated by 087980
Studies on canned **bamboo shoots.** 3. On inc- 082836
*** 082838
of adult female elder **shoot borers** used as lu- 090033
In vitro foliar **shoot bud** formation in Begon- 088014
gibberellin regulation of **shoot development** 087662
use of photosynthate during **shoot elongation** 088252
Leaf & **shoot growth** on Acacia kempeana F. 087906
Shoot growth of young apple trees as influe- 087935
of stem growth in vegetative **lateral shoots** of 088178
White **pine shoots:** roles of gravity & epinas- 088244
characterization of **piping shoot** from willow 086722
of isoperoxidases from **Pisum shoots.** [Peas] 088129
yield & weight of 100 **plucked shoots** in ma- 088964
characteristics of roots & **shoots** of **rice** plan- 087902
in cell-free extracts of Pisum **sativum shoot** 088145
Improvement of **shoot tip** yield of heat trea- 088929

SHORTENING

Development of needle-**shortening gall** midge 090103
acid malt during **shortening** of **mashing** proc- 083539
Metamorphic shortening of interganglionic 090692

SHRIMPS

quality changes in iced **Pacific shrimp** (Pan- 082808
of frozen breaded **raw shrimp.** 082820

SHRINKAGE

between soil structure & **shrinkage behavior** 091683
Shrinkage of **Philippine** woods. 086216
Analysis of **shrinkage, swelling,** & twisting of 086120

SHRUB

Cape macchia. [**Shrubs**]. 086386
Propagating with hardwood cuttings. [**Shrubs**] 088731
Aromatic shrubs, herbs & flowers. 088693
New plants from tree & **shrub cuttings.** 088730
Jutland **dwarf shrub** heaths. Experimental i- 086650
Early-**flowering shrubs.** 088068
properties of trees & **shrubs** in **forests** of N- 088241
Hymenoptera in a **moist shrub** savanna. Eco- 090758
Trees & **shrubs** for **summer** bloom. 088751

SIDERITIS

Tingis **sideritis sp.** n. From Bulgaria (Heter- 090866

SIEVE

according to particle size by **sieving & air** c- 083548
of protein filaments in **differentiating sieve** 086817

SIGNALS

determination with **signaling consequences.** 082273

SILAGE

Cover those bunker & pit silos. [**Silage**]. 083875
measurement of 2,3-butanediol in **silage.** 083884
How good is your **silage?** 083901

Guard **against silage** runoff. [Silos, effluent 091244
Persistence of dasanit in **corn silage** & effec- 084586
Perservation by artificial **drying, ensiling,** & 083676
Mechanized **silage feeding** from horizontal s- 084486
acids & lactic acid in **silages & haylages.** 083913
fumigatus in samples of **moldy silage.** 084591
Effect of biologically **nisinised silage** on milk 084690
What **ensilaging process** will you use? 083853
High quality silage. 083852
nutritive value of **silage** made from **steamed** 084652
properties of **silage** made from **steamed** pota- 084653
Silage storage & feeding systems. 083896

SILICA
of maize seeds in dessicator with **silica gel** 087868
forms of silicic acid derivatives & **silica gels** 091561

SILICIC
by different special forms of **silicic acid** deri- 091561

SILK
Evaluation of chromic **catgut, silk** & "vetafil 085081
revolution" in Manipur: multi-**crore silk** pro- 083099
Genes for **silk fibroin** in bombyx mori: studi- 091201
structure of epigastric glands & **silk glands** 090422
of Nosema bombycis Naegeli **infecting silk** 091226
cocoon crops in Mysore. [**Silk production**]. 091151
of traditional vegetable dyeing. [**Silk, Rhus** 083222

SILKWORM
enzyme from cuticle of **silkworm Bombyx** 091097
enzyme from cuticle of **silkworm Bombyx** 091098
control mechanisms in **silkworm, Bombyx** 091152
its metabolism in **silkworm, Bombyx** mori 1 091175
Rearing of **silkworm, Bombyx** mori, on semi 091177
diapause in **silkworm,** with **special** reference 091176

SILOS
colza cake during fermentation in **silos.** 083903
Inspection & maintenance of old **silos.** 091277
One solution to hoisting problems in **silo.** 091448
Uses & problems of **airtight silos.** 1. [Struct- 083858
Uses & problems of **airtight silos.** 2. 091232
New horizontal **silo built** with prefabricated 091251
A modern **silo chopper.** 091418
Guard against silage runoff. [**Silos, effluent** 091244
silage feeding from **horizontal silos.** 084486
Cover those bunker & **pit silos.** [Silage]. 083875
Round **shaped silo** for sugar beets in a sugar 091302
Strautmann silo unloader, Silofox 240. 091325

SILT
A field method for **determining silt** & clay c- 091497
wheats to nitrogen fertilization in **silt loam** 091911
distribution & origin of white **silt soils** in R- 091687

SILVER
agent of a new disease of **silver buttonwood** 089229
Dendrometric research on **silver fir** of high 085930
Periodicity of height growth in **silver fir** see- 088270
Behaviour of **silver fir** seedlings from differ- 088271
on course of infestation in old **silver fir** stan- 090168
Investigations on **silver fir** gall midge, Agevi- 090171
Heart-leaved **silver gum,** Eucalyptus cordata 086360
Silver impregnated stems aid Chrysanthem- 083734
Silver jubilee of Austrian plant protection l- 082632
Fehling's test & **silver mirror** reaction. [Api- 091143
Silver peppermint, Eucalyptus tenuiramis m- 086377

SILVICULTURE
to Kenyan conditions). [**Silviculture.** Agron- 085844
From history of **silviculture:** some treatments 085853
Limits of **silviculture.** 086046
supports of information in **silviculture.** 086064
of systems & its application in **silviculture.** 086067
represented as Markov chain. [**Silviculture**] 086072
on special places of stand. [**Silviculture**]. 086073
Stimulation of flowering. [**Silviculture**]. 086077
willow clones with interest for **silviculture.** 086722
to Kenyan conditions). [**Silviculture.** Agron- 088480
Silvicultural bases for logging systems in lo- 085878
as a base for **silvicultural planning.** 086068

SIMPLEX
with notes on Cediopsylla **simplex, another** 090266

SIMULATION
photography: use in **detecting simulated** ins- 089918
Coss.) germination under **simulated drought,** 087261
Simulation of **lettuce** growth in an air-suppo- 087764
Simulation of **machine** application with hand 091472
Simulation model studies of impact of weat- 091371
Simulation models to project structural cha- 081891
Simulation of **predrying** bagasse in steam g- 083665

SIMULIIDAE
biocontrol of blackflies (Diptera: **Simuliidae** 089785
coast; Lissuraga. [**Chironomidae, Simuliidae**] 090453
De Geer (**Diptera, Simuliidae**). 2. Developm- 090300
of tribe Prosimuliini (**Simuliinae, Simuliidae** 090892

SIMULIUM
Denmark (Diptera, Simulidae). [**Simulium**]. 090963
for blackfly control. [**Simulium damnosum**]. 090275
On distribution of **Simulium damnosum** in L- 090299

SINAPIS
effects of malonic acid on **Sinapis alba** L. 087297
on catalase activity of **Sinapis alba** L. Cotzl- 087299
during elongation growth of **Sinapis alba** se- 087631

SINKING
of sprinkler irrigation with **sinking rods.** 092167

SINUS
Mycloplasma gallisepticum in **turkey sinus** 085267
Studies of normal **turkey sinus** by scanning 085892

SIPHONAPTERA
ant: taxonomy of fleas (**Siphonaptera**), based 090912
taxonomy of gleas (**Siphonaptera**), based on 090913
Siphonaptera, Pygionpsyllidae). 090893

SISAL
Sisal from **Brazil.** 088399

SITE
Size & stereospecificity of **active site** of por- 084090
Relation between **site condition** & circulation 086671
Influence of **site conditions** on yields & pers- 087812
antibodies modified by **site-directed** reagents 084165
Soil classification for **site evaluation** of irrig- 091659
Site factors & seeding methods affecting ge- 086091
Forest-site relationships within an outbreak 090167
Top **height site**-index curves for Pinus stands 085936
An on-**site hydrologic** data recording system 092278
Site of **inhibition** by 2-amino-1,1,3-tricyanop- 087968
soil moisture under cereals on a **Lo-4 site.** 091500
Manduca moths as a factor in host **plant site** 089905
activity in mature semiarid **site ponderosa** p- 088248
Influence of **site** on **possbilities** of periodic 091801
New York **site selection** for wine grapes. 088833
growth of trees planted on **unsuitable site.** 091836

SITOPHILUS
sanitary implications. [**Sitophilus granari-** 082850
to methyl bromide by **Sitophilus granarius** 090199
rice weevil in wheat. [**Sitophilus oryzae**]. 089896
a meridic diet. [Sitophilus **oryzae, sitophilus** 090192
with gamma-radiated **Sitophilus oryzae** (L.) 090203
Tenebrionidae), & **Sitophilus oryzae** (L.) (C- 090204
of pre-emergent stages of **Sitophilus oryzae** 090207
Tenebrionidae), & **Sitophilus oryzae** (L.) (C- 091271

SKELETON
of surgical decapitation on **skeletal growth** in 084247
mitochondrial fraction from **skeletal muscle** 082833
Fatty change in **skeletal muscle** fibers in sta- 084278
of dietary protein on **skeletal muscle** growth 084662
Content of **skeleton** of **soils** of Czech Social- 091728

SKIM
Skim milk. 083340
Fattening swine with **skim milk,** whey & bu- 084519
Rearing of calves without **skim milk.** 084621
preparations obtained from **skim milk** & but- 084680

SKIMMILK
SEE MILK

SKIN
Neoplasms of **skin.** [Dogs, cats]. 085631
Surgery of **skin** & **adnexa:** hygroma of elbow 085042
of Staphylococcus aureus in **bovine skin;** en- 085374
copra, nuts, garlic, beans & **citrus skin** in 1 090311
Note on genetics of **skin colour** of tuber in f- 086976
Stressed **skin farm** buildings. 091243
Histopathology of **skin following** bites by 090550
of drugs on permeability in **sheep skin.** 085782

SKULL
review of radiography of **canine skull** & cerv- 085025
study of age changes in **skull, mandible** & t- 084206

SLAB
body approximated with an **infinite slab.** [F- 083141

SLAG
Use of **garbage slag** for agricultural purposes 091839

SLASH
volume & fresh weight of planted **slash pine.** 085983
fertilization influence on **slash pine** develop- 086025
on seed mold & germination of **slash pine** s- 088996
Spray inoculation of **slash pine** with Cronart- 089216
fertilization influence on **slash pine** develop- 091881

SLAUGHTER
Changes in meat after **slaughter.** 083423
changes in poultry meat after **slaughtering.** 083510
infection in German cattle for **slaughter.** 085287
diseases experienced in our **slaughterhouse** in 085344
according to quality of **slaughter animals** st- 082366
of purchasing system of **slaughter animals.** 082416
for deficiency in selling **slaughter animals** w- 082468
of meat & organs of **slaughterhouse animals** 083399
for deficiency in selling **slaughter animals** w- 083486
growth of production of **slaughter cattle** on 082626
of weaning & weight at **slaughter** on **feed** uti- 084425
swine slaughtered at **slaughter house** in Tito- 085551
Slaughtering lines: characteristics of several 083444
of bacon pigs before **slaughter** on **live** weight 084693
Slaughter of **livestock** regulations & control 082892
Post-**slaughter pH** [hydrogen ion-concentrat- 083465
comparison of effects of some **post-slaughter** 083467
tissue & kidneys of **regularly slaughtered** su- 082865
to knowledge of **slaughter results** in broilers 083497
Liability for deficiency in **selling slaughter** 082468
carcass composition of **steers slaughtered** in 083456
kidneys of regularly **slaughtered suckling** ca- 082865
use of nitrovin/Payzone for **slaughter swine.** 084630
nitrovin in feed of **slaughter swine.** [Feed a- 084634
growth regulators in feed of **slaughter swine** 084635
Cysticercosis in cattle & **swine slaughtered** 085551
of peritoneum in a **slaughter swine.** 085721
New **slaughter techniques.** 083485
of effects of some post-**slaughter treatments** 083467
How to **utilize slaughtering** wastee. [Poultry 083501
Problem of treatment of **slaughtering wastes** 092383

SLIDE
Clinical dermatology in 3-d **slides.** [Dogs]. 085198
Use of a **slide agglutination** test to demonst- 085253
for making permanent **microscope slides** of f- 086310
freezing of bull semen using a **slide test.** 084981

SLIME
of developmental stages of **cellular slime** mo- 087108
binding protein from th e **cellular slime** mou- 087257
cyclic 3',5'-monophosphate in **cellular slime** 087271
Basic nuclear proteins of **cellular slime** mold 087342
of carbon on production of **slime material** by 091714

SLOPE
systems with steep canal **bed slopes.** 092146
On protection work for **cutting slope** of fore- 085906
erosion & lawn growing on **steep slopes.** 092053

SLUDGE
in experiments using sweage **sludge-garbage** 091806
virus from sewage treatment **plant sludges.** 092463
uptake bvy wheat from **sewage sludge** used 087670
Effect of industrial **sewage sludge** on net ass- 088265
of refuse compost & **sewage sludge** in agricu- 091841
processed compost, refuse & **sewage sludge.** 091842

SLURRY
Force-feeding of **nutrient slurry** to feedlot c- 084716

SMEAR
Making **smears** of **capillary** blood from bovi- 085169

SMILAX
differentiating sieve tubes of **Smilax excelsa** 086817

SMOKE
botulinum control in **cold-smoked** salmon: a 082711
Maturing, smoking & cooking in industrial 083417
Research on **smoking point** of edible oils. 083027

SMUTS
structure of spore-galls of **corn smut** (Ustila- 086794
Corn **head smut.** [Sphacelotheca reiliana]. 089164
between physiologic forms of **loose smut** of 088483
Loose smut of wheat: Results of fungicide tr- 089103
chlamydospores & mycelium of **loose smut** of 089293
of chlamydospores of **teosinte smut** (Ustilago 086795

SNAILS
A bellflower & **snails.** [Campanula ephesia] 086277
of insect pest-parasitoid & **snail-trematode** s- 089478
Presence of **snails** of **veterinary** importance 085291
of pesticides to some fresh **water snails.** 090400

SNAKES
on pollen tube growth of **snake melon** & cu- 087942

SNAPDRAGON
control aphids on **greenhouse snapdragons.** 089990

SNOWS
hibernating ground beetles under **snow.** 090540
of frozen glazed **snow crabmeat.** 083023
localities bare of **snow** with a **description** of 090933
Snow gum, Eucalyptus niphophila Maiden et 086366
Polluted snow in southern Norway & effect 092343
Snow survey by aerial photographs. 092088

SOAP
Titrimetric determination of **soap** in **refined** 083780

SOCIALISM
of planning of **socialist agriculture** in Czech- 082540
Neustrelitz organize **socialist assistance** in 085867

to high performances in **socialist competion** 085865
fodder economy in **socialist competition.** 084616
of skeleton of soils of **Czech Socialist** Repub- 091728
Socialist environment planning: problems of 092431
supports affiliated farms in **further socialist** 082124
of work & **socialist intensification** in plant p- 082146
in agriculture of Slovak **Socialist Republic.** 082281
planting material in **Socialist Republic** of R- 082870
for population of Slovak **Socialist Republic.** 082979
in Lithuanian Soviet **Socialist Republic.** 092190
production--result of **socialist teamwork.** 091346

SOCIALIZATION

Puppy socialization & behavorial developm- 084326

SOCIOECONOMIC

Factors **increasing socioeconomic** role of fa- 081980

SOCIOLOGY

Bog-grassland & its **plant sociological** & eco- 086693
Agricultural technology, **rural sociology**]. 081912
Rural sociological society: a membership pr- 082008
Science, sociology & change in plantation i- 082645

SOD

How to produce **commercial sod.** 088589
Controlling sod webworms. [Crambidae]. 090003
Bionomics & control of **sod webworms.** 090006

SODA

Bleached **abaca-soda** pulps. [Musa textilis]. 086213

SODIUM

Oxidation of **sodium** [U-14C]palmitate into 083298
of chlorinated sodium oleate (**sodium** threo-9 086207
transcellular water flow, & Na [**sodium**], K 087330
Active sodium & chloride transport across r- 084101
Clostridium perfringens. II. **Sodium azide,** c- 085484
effects of propylene oxide, **sodium azide,** & 091739
action of methyl bromide & **sodium benzoate.** 089042
Detection of **sodium bicarbonate** in milk. 082764
Phosphorous, **calcium, sodium** & potassium 084712
of sodium chloride & **sodium carbonate** on d- 083786
Terek-Kuma watershed in **sodium carbonate** 091706
Effects of **sodium chlorate** on soil microorg- 089744
Influence of **sodium chloride** & sodium carb- 083786
respiration of plant roots by **sodium chloride.** 087735
under salinization with **sodium chloride.** 087736
dehydrochlorination of **chlorinated sodium** o- 086207
Effect of NaCL **sodium cloride** on content & 088029
on effect of **sodium diethyldithiocarbamate** 087402
photometric method for **sodium** in **fertilizers** 091810
Degradation of lignin with **metallic sodium** 086179
Degradation of lignin with **metallic sodium** 086180
Effect of **NaCL sodium** cloride on content & 088029
of chlorinated **sodium oleate** (sodium threo-9 086207
effects of propylene **oxide, sodium** azide, & 091739
Effect of **sodium salt** of 2,4-dichlorophenoxy- 087645
of synthetic fatty acids, their **sodium soaps** 084684
Sodium supplementation of broiler rations. 084467
beet under conditions of low **sodium supply.** 087840
observations on use of **thiamylal sodium** with 085167

SOFT

Rigid, semi rigid or **soft:** sterilizable packin- 083069
of Choanephora cucurbitarum **causing soft** f- 089079
between buffalo & cow milk in **soft cheese** 083236
On composition of fatty acids in **soft cheeses.** 083332
of pectins isolated from **soft & firm** fleshed 088086
Epidemics of **fruit soft** rot on green peppers 089305
Utilisation of **soft phosphate** in diets with & 084462
fine structure of claw sensilla of a **soft tick,** 090262
fine structure of claw sensilla of a **soft tick,** 090723
Autogeny in **soft ticks** of genus Ornithodoros 090260
Milling experiments on US **soft winter** whe- 083572
Pollen sterlity of mutants of **soft winter** wh- 087753

SOFTWOOD

Examinations on sawmilling of **softwood.** 086150
Better softwoods from existing forests. 086126
aspects referring to **softwoods extension** wit- 086061
Forest species of **softwood native** of Bahia. 086576
of intensive methods for **producing softwood** 086062
years' stumpage prices of **softwood timber** on 086194

SOILS

retention in mixed conifer litter, duff & **soil** 085817
of solutes by multiple root systems from **soil** 087552
their recovery of sulfur from **soils.** 088207
oxysporum f. pisi race 5 propagules from **soil.** 089199
derived from labelled herbicides in **soil.** 089616
of urea-herbicides in plants & in **soil.** 089683
weed seeds: survival after 20 years in **soil.** 089749
activities of microorganisms in **soil.** 090315
upon fungal & bacterial populations in **soil.** 090378
of introducing ammonia liquor into **soil.** [Fe- 091469
negative absorption on onions in **soil.** 091479
analysis (mechanical analysis). [**Soils**]. 091496
plant-available potassium in **soils.** 091499
studies with aid of factor analysis. [**soils**]. 091508
clay minerals in vivo & in vitro. [**Soils**]. 091510
in study of activity of microrganisms. [**Soils**] 091513
measurement of metabolic activities in **soil.** 091514
C2H2) activity in th field. [**Soils**]. 091518
of denitrification in ecosystems. [**Soils**]. 091520
of adenosine triphosphate from **soils.** 091521
of microbial & root respiration. [**Soils**]. 091522
derived from labelled herbicides in **soil.** 091523
populations & their metabolites in **soil.** 091527
study ecology of Pseudomonas spp. in **soil.** 091529
of growth rates of bacteria in **soil.** 091530
of elementary microbial ecosystems: [**Soils**] 091531
Decomposition: Models & real world. [**Soils** 091534
to consecutive reactions of nitrogen in **soil.** 091535
ecological studies of microorganisms. [**soils**] 091539
based on in situ gas analysis. [**Soils**]. 091544
of oxalate for Fe [iron] extraction from **soils** 091559
Filter function of **soil.** 091570
Health officials study characteristics of **soils** 091572
Mineral constituents of **soil:** Nature & prop- 091579
available calcium be determined in **soils?** 091585
session: ion exchange system of **soil.** 091608
movement of potassium ions in **soil.** 091609
vertical transport of potassium ions in **soil.** 091611
potential potassium reserves in **soil.** 091613
Potassium in allophane & in zeolites. [**soils**] 091615
to study of minerals weathing. [**Soils**]. 091616
Potash in feldspars. [**Soils**]. 091617
Cation exchange system of **soil.** 091621
On formation of frost clefts. [**Soils.** 091624
Soils of west. 091629
purification & to microbial action in **soil.** 091640
holding characteristics of "Kuroboku" **soils** 091674
measure of variation of a water stock of **soil** 091688
as a basis for genetic diagnosis of **soils.** 091697
of radionuclide vertical migration in **soils.** 091705
On study of cellulase complex in **soils.** 091731
operations on salt composition of **soils.** [Soil 091736
Bacillus stearothermophilus in **soil.** 091738
II. Growth of bacteria introduced into **soil.** 091741
between bacterial strains in **soil.** 091742
their recovery of sulfur from **soils.** 091750
Nitrogen transformations in **soils.** I. In san- 091779
Nitrogen transformation in **soils.** II. In san- 091780
in humic acids decomposing bacteria in **soil.** 091785
in humic acids decomposing bacteria in **soil.** 091786
on annual cycles of sulfur & nitrogen in **soil** 091814
Banding nitrogen fertilizers in **soil:** principl- 091826
their characters & effect on **soils.** 091852
of different soil conditioners to **soils.** 091887
in plants with use of sulfuric acid. [**Soils**]. 091971
Phaseolus atropurpureus mixed with **soil.** [S- 091982
What you should know about **soil;** to: orgai- 092001
Eolic erosion in arid hot countries. [**Soils**]. 092051
of water for plants according to kind of **soil** 092086
for observation of microorganisms in **soil.** 091503
concentrates] from alkaline to acid. [**Soils**]. 091630
of potatoes & root area of **soil according** to 089577
of parathion in flooded **acid soils.** 089806
Alkaline, saline & **acidic soil** of Chingleput 091575
Soil acidity & liming. [Madagascar]. 091485
treatment on water potential & **soil aeration** 086034
air conditions in particular **soil aggregate** fr- 091725
Air pressure within **soil aggregates** during q- 091589
aspects of stability of **soil aggregates.** 091596
of lead by alfalfa & corn from **soil & air.** 087888
Mechanical properties of **soil-air**-water syst- 091583
of lead by alfalfa & corn from **soil & air.** 091751
a good combination in saline **alkali soils.** 091632
on fertility status of **soils** of **Alleppey** Distri- 091796
of seed in conditions of soddy **alluvial soils.** 091718
Lime in agriculature. [**Soil amendments**]. 091893
Soil-analysis of field experimental plots, as 091654
in pasture establishment on Te **Anau soils.** 091952
Relation between **soil & animal** health. 085173
weathering in frozen **antarctic soils.** 091752
Effects of **soil-applied** fluoride & lead on gr- 085824
insects on Burley tobacco with **soil-applied** 089969
indicator of biological activites in **arid soils.** 091516
Studies on humus of volcanic **ash soils:** regi- 091763
Soil assessment of cultivated land by means 089592
Soil associations & land classification for irr- 091679
Nitrogen nutrition of some **soil bacteria.** 091712
of nutritional groups in **soil bacteria.** 091715
Growing a super-**soil bank.** 092030
Water use by farm crops. III. **Bare soil,** sho- 087588
physico-chemical properties of **basaltic soils** 091671
of moisture reserve in **soil** at **beginning** of v- 092247
of western Siberia. [Pinus, **soil biology**]. 091490
originating from arable layer of **black soil.** 091725
of productivity of heather & **bracken soils** u- 091754
of humus in Podzol **soils, Brown** & Grey Fo- 091502
Soil building crop rotations. 088444
max. (L) Merril) varieties on **calcareous soi-s** 088381
by kankar. [Calcium **carbonate, soil** salinity 091634
Studies on **certain soil** fungi antagonistic to 089085
methods & compression of **soil** on **changes** of 092052
Some **characteristic soil** type of western Hu- 091482
of organic terrain type. [**soil chemistry**]. 091556
S04 [sulfuric acid] digestion. [**Soil chemistry**] 091557
minerals by fulvic acid. [**Soil chemistry**]. 091558
iron] extraction from soils. [**Soil chemistry**] 091559
at room temperature. [**Soil chemistry**]. 091566
phenol transformation in a **Chernozem soil** 091699
of ammonium nitrate to **Chernozem soils** in 091929
on superphosphoric acid in **Chernozem soil.** 091999
Soil classification for site evaluation of irrig- 091659
on metabolism of Di-syston in **clay soil.** 090321
Salination & leaching of a sand & a **clay soil** 091658
on swelling of natural clods of a **clay soil.** 091746
on metabolism of Di-syston in **clay soil.** 091837
on swelling of natural clods of a **clay soil.** 091984
of ground surface in marshy heavy **clay soil** 092046
Drainage of **clayey soils** of estuary of Chare- 092126
paddy fields with alluvial **clayey soil.** 092188
dependent charge in **soil clays.** 091601
Engineering properties of **cohesive soil** from 091684
of temperature factor in study of **cold soils** 091511
Farm management aspects of **complex soil** 082091
Fe in relation to saturation of **soil complex.** 091605
Farm management aspects of **complex soil** 092014
of water transmission in **conditioned soils.** 091891
resin foam used as a **soil conditioner.** 091805
On effect of synthetic **soil conditioners** on s- 091492
Response of different **soil conditioners** to soi- 091887
Use of synthetic **soil conditioners** in 1950's 091889
of soil textures on **soil conditioning** with an 091598
Effect of **soil conditions** on distribution & p- 088240
Role of **soil conditions** in development of A- 089774
of degradable plastic on **soil conditions** & d- 092063
utilisation & water & **soil conservation.** [N- 085863
Soil erosion-- disease; **soil conservation**-- cu- 092021
development of forest **soil conservation** & i- 092041
Soil conservation & dry farming in Telenga- 092045
utilisation & water & **soil conservation.** [N- 092057
Lime requirement of **soils containing** sulphur 092009
of fluorescence microscopy for **counting soil** 091545
different conditions of winter **soil cover.** 087998
Effect of **soil crusts** on infiltration: effect of 091592
Effect of **soil cultivation** on development of 088202
trends in mechanical **soil cultivation.** 091460
amounts of water spray & **soils** in **cuttings** 086036
Content of skeleton of **soils** of **Czech** Social- 091728
yield of wheat on a copper **deficient soil.** 091833
from viewpoint of **soil degradation** & regrad- 091666
for cereals grown on **soils derive** d from vol- 091835
properties of clay in loess-**derived soils** in so- 091606
of La Pocatiere & St-Pascal **soils developed** 091550
Dvoran in relationship to **different soil** hum- 087648
fig varieties grown in two **different soil** types 087928
of fungicide benomyl in **different soil** types. 089277
water balance of **soils** by **different** special fo- 091561
of phosphorus in profiles of **different soil** ty- 091710
of fungicide benomyl in **different soil** types. 091760
Response of **different soil** conditioners to soi- 091887
trials for its control with **soil disinfection.** 089104
of matric potential of **soil** on **diurnal** variati- 088072
Response by sugar beet to **soil dressings** & 087781
on structural stability of **dump soils.** 091492
distribution of mercury in **Dutch soils.** 091681
of polymers through **soil** & their **effect** on di- 091597
Studies in Actinomycetes in **Egyptian Soils.** 091777
Studies in Actinomycetes in **Egyptian soils.** 091778
in **soil** by means of **electroultrafiltration** (E- 091612
Elementary soil processes as a basis for gen- 091697
of indoleacetic acid (IAA) in **soil enriched** w- 091713
Soil erosion-- disease; soil conservation-- cu- 092021
that are characterized by **soil estimate.** 091495
method for residue analysis of **soil exposed** 089824
oxysporum f. sp. melonis in **soil extract** with 087461
Soil factors. [Soybeans]. 087701
Water loss estimates from a **fallow soil.** 091648
Efficacy of **soil famigants** for control of Vert- 088986
high levels of inorganic lead on **soil fauna.** 090369
Phosphorus evolution in a **ferralitic soil** sub- 091486
effects of phosphorus in two **ferralitic soils** 091487
levels & rhizobial efficiency. [**Soil fertility**]. 087454
Legumes & **soil fertility.** 088459
grape culture & preservation of **soil fertility** 091425
on salt composition of soils. [**Soil fertility**]. 091736
lands can yield rich crops. [**Soil fertility**]. 091853
levels & rhizobial efficiency. [**Soil fertility**]. 091947
Legumes & **soil fertility.** 091948
grape culture & preservation of **soil fertility** 092042
Influence of light **soil fertilization** with ben- 091716
Influence of **soil fertilization** with bentonite 091717
on fertility of **soils** & **fertilization** of crops in 091799
yield performance of **soil & fertilizer** nutrie- 088396
Soil fertilizing under forest stands. 091986
A procedure for infesting **field soils** with Ps- 089317
Special emphasis on **flooded soil** condition. 090356
isolated from lindane-amended, **flooded soil.** 091694
Organic matter in sandy **Florida soils.** 091562
Effect of **soil & foliar** application of nitrogen 091869
plants in different depths of **soil following** 087228
situation for growth of forests on **forest soils** 085821
fungi: a preliminary report. [**Forest soils**]. 086479
Eucalyptus maculata leaf litter. [**Forest soils**] 087593
Genetics of Brown **Forest soils** with stanant 091481
influence of pine roots. [Pinus, **forest soils**]. 091489
in Podzol soils, Brown & Grey **Forest soils** 091502
chemical data from tropical **forest soils** (091536
Microbiological examinations of a **forest soil** 091564
litter fall. [Pinus, Pseudotsuga, **forest soils**] 091643
in representative Japanese **forest soils.** 091650
Sutdies on moisture status of **forest soils.** I. 091651

Lower fungi in **forest soils** & their significan- 091661
component in a floodland **forest soil**, southe- 091667
in Norwegian coniferous **forest soils**. 091689
Brown **forest soils** of Belorussia. 091703
Eucalyptus maculata leaf litter. [**Forest soils**] 091740
on coccoid bacteria in a pine **forest soil**. II. 091741
studies on coccoid bacteria in a **forest soil**. 091742
Breckland **forest soils**. 091753
Nature & properties of some **forest soils** in 091769
from surface-applied urea on **forest soil** by 091966
New directions in fertilization of **forest soils** 091987
Results of **forest soil** melioration in western 092011
situation & development of **forest soil** conse- 092041
clay in loess-derived soils in **soil formation**. 091606
infested soil after preplant **soil fumigation**. 089548
Weed control with **soil fumigation**. 089743
Studies on certain **soil fungi** antagonistic to 089085
studies on Pythium as pathogenic **soil fungi**. 089165
of microbial measurements. [**Soil fungi**]. 091512
Techniques for study of **soil fungi**. 091526
Soil fungistasis: evidence for an inhibitory f- 089198
How my **garden soil** grew & grew. 092032
of chloro-s-triazines in **soil** by **gas**-liquid chr- 089675
of neutronic measures in a **given soil** & appl- 091688
of irrigation & spraying of **soils** of **grape** vin- 092216
on fungal flora in a **greenhouse soil**. 091682
How my garden **soil grew** & grew. 092032
effect of energy material in **soil** on **growth** of 087666
of paddock pasturing on **heavier soil** in a h- 084398
High edaphic limit of forest. 085960
World's **soils** & **human** activity. 091604
in relationship to different **soil humidity**. 087648
of active manganese in **important soils** of ar- 091498
Studies on **subsoil improvement** of poldered 091445
Studies on **subsoil improvement** of poldered 091683
Studies on **subsoil improvement** of poldered 091685
Some developments in **subsoil improvement** 091771
Sand hill gardening. [**soils, improvement**]. 092031
from major groups of **soils** in South **India** & 091670
of polyschema [indica] from **Indian soil**. 086472
of water-repellency in **Indian soils**. [Irrigati- 091635
Structural problems of **Indonesian soils**. 091586
populations & nitrogen in **soils infested** with 089170
grape rootstocks in nematode-**infested soil** a- 089548
populations & nitrogen in **soils infested** with 091690
Ingested soil & animal nutrition. 084657
inoculated American elms with **soil-injected** 089194
between organic polymers & **inorganic soil** 091593
Soil inorganic polyphosphates of microbial 091693
Effect of **soil insecticides** on cotton plants. 089863
Mineral reserves of potassium in **Irish soils** 091618
of gamma-irradiated & non-**irradiated soil** s- 091599
Depth distribution of salts in **soils irrigated** 091602
Soils of **Ishigaki**, Muyako & Yonaguni Isla- 091764
Isolating soil microorganisms of mobilizing 091772
in rice straw, paddy soil & **Italiangrass soil**. 090386
Description & classification of **soils** of **Japan** 091758
yield of rice in an acid peat soil (**kari soil**) of 091794
nitrogen contents of some **Kerala soil** types 091798
Soils & **land** forms of Thailand. 091759
Soil & **land** protection in Soviet Union. 092043
Soils & **landscapes** of mulga lands with spec- 091767
Control of fairy ring of lawns in **light soils**. 089065
Influence of **light soil** fertilization with ben- 091716
High **edaphic limit** of forest. 085960
to nitrogen fertilization in silt **loam soil** of 091911
Profile development in Danish **loamy soils**. 091565
Results of paleobotanic studies of **loess soils** 086303
damages of irrigation network in **loess soils** 091254
other soil parameters in **loess soils**. 091494
Basic horizons of **loess soils** & soil minerals 091626
Basic types of macropores in **loess soils** of 091627
Example of development of **soil maintenance** 088645
Soil maintenance in orchards by utilization 089638
Example of development of **soil maintenance** 091882
Soil maintenance in orchards by utilization 092027
fractions of some British & **Malayan soils** & 091647
of boron in some **Malaysian soils**. 091571
Nitrogen nutrition, **soil management** & nitr- 092003
Soil will take revenge. [**Soil management**]. 092068
of forms of sulfur in **mangrove soils:** Proof of 091478
chemical properties of **soil materials**. 091656
Development trends in **mechanical soil** culti- 091460
aspects of complex **soil melioration**. 082091
Results of forest **soil melioration** in western 092011
aspects of complex **soil melioration**. 092014
effects of pesticides on **soil microbial** activity 090312
factor in study of cold **soils microbiology**. 091511
of certain herbicides on **soil microflora**: Agr- 089619
Effects of **soil microorganisms** on colonizati- 089083
effect of herbicides on **soil microorganisms** 089617
of sodium chlorate on **soil microorganisms**, 089744
of pesticides by **soil microorganisms**. Special 090356
autotrophic activity of **soil microorganisms** 091517
Parasitic **soil microorganisms**. 091532
effect of herbicides on **soil microorganisms** 091541
microscopy for counting **soil microorganisms** 091545
of pesticides by **soil microorganisms**. Special 091653
Isolating **soil microorganisms** of mobilizing 091772
Microstructure, soil strength & root develo- 086799
Soils of **Minamidaito**, Kitadaito, Ie, Irabu, 091765
forests on hydromorphic **mineral soils**. 092214

Potassium in **soil minerals**. 091610
Basic horizons of loess soils & **soil minerals** 091626
Equipments for **minimal soil** tillage. 091312
Effect of **minimum soil** temperature on diffe- 087175
matter content of some **Minnesota soils**. 091675
on microbial activity studied in **soil model** s- 091542
on light & insufficiently **moist soils**. 088474
under different conditions of **soil moisture**, n- 083753
Soil moisture content & root exudates in re- 087401
Studies on influence of **soil moisture** & nitr- 087403
Effect of mineral type & **soil moisture** cont- 087574
under various conditions of **soil moisture**. 087912
ruhbarb quality affected by **soil moisture** lev- 087999
failure in response to **soil moisture** & tempe- 088064
Effect of **soil moisture** stress on yield & sea- 088424
Studies on rainfall pattern & **soil moisture**. 088963
climatic water balance & **soil moisture** under 091500
Soil moisture. 091501
ruhbarb quality affected by **soil moisture** lev- 091548
soil thermal content & **soil moisture** content 091600
Soil moisture content & root exudates in re- 091631
Effect of **soil moisture** stress on yield & sea- 091639
block apparatus for long-term **soil moisture** 091651
A study on movement of **soil moisture** by t- 091673
on basis of its relation to pF [**soil moisture**] 091729
Studies on rainfall pattern & **soil moisture**. 092211
Effect of mineral type & **soil moisture** cont- 092425
Studies on **soil molybdenum** in Tamil Nadu 091937
nitrifiens from **Moroccan soils**. 091509
responses on exposed **mountain subsoils**. 091951
on soil molybdenum in Tamil **Nadu soils**. [I- 091937
spring preparation of **soil, nutrition** & amou- 088306
Nitrogen **nutrition, soil** management & nitr- 092003
available phosphorus of acid **organic soils**. 091749
systems on amounts of **soil organic** matter in 091980
on improvement of **soils originating** from or- 091774
Soils of **Orlicke** Hory & their adjacent foot- 091668
of citrus trees as affected by **soil oxygen** co- 088023
in rice grains, straw s & **paddy soils**. 089280
pesticide residues in rice straw, **paddy soil** 090386
rice, polished rice, straw & **paddy soil**. 090387
Benzene hexachloride, rice] in **soil** of **paddy** 090394
permeability & other **soil parameters** in loess 091494
Parasitic soil microorganisms. 091532
on surface films from **soil particles** with aid 091505
organic polymers & inorganic **soil particles**. 091593
Water & air conditions in **particular soil** ag- 091725
of La Pocatiere & St-**Pascal soils** developed 091550
studies on Pythium as **pathogenic soil** fungi. 089165
of insecticides on some **soil pathogenic** fungi 089803
for improving heat regime of **peat soils** of B- 091737
growth & yield of rice in an acid **peat soil** (091794
Liming of **peat soils** & its effects on pineapp- 091940
of root hairs in supplying **soil phosphorus** to 087725
Effect of **soil physical** conditions produced 087771
Problems of **soil physics** raised by new cult- 091581
Soil physics. 4. Basic knowledge for agricul- 091686
pine forests of western Siberia. [**Pinus, soil** 091490
Ecological network of **soils** & **plant** associat- 086687
Soil-plant-water aspects of ozone phytotoxic- 089555
of disyston residues in **soil** & **plant**. [Atheri- 089903
Ecological network of **soils** & **plant** associat- 091757
Soil, planter's keystone. 091603
radioactive nuclides in **soils** & **plants**. 087565
Soil, plants & pathogenic microorganisms. 089433
radioactive nuclides in **soils** & **plants**. 091704
their weathering on **soil podsolization**. 091662
Composition of humus in **Podzol soils**, Bro- 091502
of different soil types. part i. **podzolic soils** 091710
quality of fodder on **Podzolic soils**. 091970
accumulation stratum of **soils** in **ponds** fertil- 087206
temperature as well as on **soil potassium** co- 087668
Effect of illite content in **soils** on **potassium** 091607
discussion on mineralogy of **soil potassium**. 091619
Technology of **soil preparation,** application 088451
Soil preparation on closures of sand-sunes. 092020
on control of rhizomania in **soil prepared** for 089121
in nematode-infested soil after **preplant soil** 089548
inhabiting duff & **soil** after **prescribed** burni- 090165
of herbicide Proximpham in **soil** in **presence** 089627
Elementary **soil processes** as a basis for gen- 091697
A consideration of **soil productivity** problems 091988
examinations of a forest **soil profile**. 091564
status of Brunisolic & related **soil profiles**. 091552
autoclaving on selected **soil properties**. 091739
Influence of **soil properties** on fertilizer res- 091991
copolymer Curasol AE in **soil protection** fr- 092053
Developing a **soil quality** index. 091637
of organic matter in a red **Rakar soil**. 091784
Soil recycles carbon monoxide. 091584
originating from chosen **regional soils** of Wa- 083203
Enzyme activity of **soils rehabilitated** from 092060
Soil rehabilitation problems in humid Tropi- 091892
Fe[iron] status of Brunisolic & **related soil** 091552
Exchange of potassium in **soils** in **relation** to 091623
application to water-**repellent soils** to reduce 092019
On translocation of **soil residual** organochlo- 082737
Soil will take **revenge.** [Soil management]. 092068
Colonization of host-root & **soil** by **Rhizobia** 087886
Colonization of host-root & **soil** by **Rhizobia** 087887
between nitrogen & carbon in **soil** & **rice** yie- 091793
to problems of evaluation f saline **river soils** 091567

Determination of selenium in **rocks, soils,** & 087596
special forest-economic region on **rocky soil** 085978
Preliminary study on some **saline soils** of P- 091587
by kankar. [Calcium carbonate, **soil salinity** 091634
automatic, Boerner, Gamet, & **soil-sampler**) 083533
of 89Sr [strontium] in plant & **soil samples** 087430
silt & clay contents of **soil samples**. 091497
irradiated & non-irradiated **soil samples**. 091599
of 89Sr [strontium] in plant & **soil samples** 091646
Soil sampling methods used by agronomists. 091483
of some timber species on **sandy soils** of Za- 085838
nitrogen fertilization in loamy & **sandy soils** 088220
in grape vineyards planted on **sandy soil**. 091423
mechanical crushing grinding of **sandy soil** 091726
of fertilizer nitrogen on loamy-**sandy soil**. 091803
on growth of Panicum in **sandy soil**. 091907
increase production capacity of **sandy soils**. 091976
nitrogen fertilization in loamy & **sandy soils** 091993
rate upon moisture contents in **sandy soils**. 092074
Groundwater system in **sandy soils** of arid r- 092237
transformations in soils. I. In **sandy soil** un- 091779
transformation in soils. II. In **sandy soil** un- 091780
Soil sanitation in vegetables forcing & seedl- 092038
redox potential in a **saturated soil**. 091554
sodium azide, & autoclaving on **selected soil** 091739
biological characteristics of **soil series** of Co- 091669
resistivity exploration of **soils** & **shallow** be- 085828
use by farm crops. III. Bare **soil, short** turf 087588
humus content in eastern **Siberian soils**. 091783
distribution & origin of white **silt soils** in R- 091687
calcium sulfate] in a highly saline-**sodic soil** 091695
ca45c03 [calcium carbonate] in a **sodic soil** 091696
on salt leaching in a highly saline **sodic soil** 091747
Soil & **soil** water properties of Tavankut bas- 092249
of meadow-land with **Solonetz soil**. III. Zo- 086619
Solonetz soils of Dzhizak Steppes. 091701
on Cynodon IB.8 & on **soil** K in **southern** N- 091845
in a floodland forest **soil, southern** Moravia 091667
Soje uses of **soils stabilizers** in USA. 091890
of European beech on coniferous **stand soils** 091663
activity & humus content in **steppe soils** of 091782
Soil sterilants & cogongrassgood but not per- 089646
A preliminary report on **soil sterilization** by 089117
Briansk mineral deposits of **soil-stratigraphic** 091628
Microstructure, **soil strength** & root develo- 086799
Biological activity of **soils strongly** polluted 091709
Principles of radioactive **strontium soil** & ae- 087566
Soil structure & management. [Fruit culture 088917
Improvement of **soil structure** & water bala- 091561
bay. III. On relation between **soil structure** 091683
Soil structure & management. [Fruit culture 092061
Soil sturcture of plowed layer at paddy fields 088438
evolution in a ferralitic **soil subject** to differ- 091486
on soil temperature & total **soil suction** pres- 091665
Growing a **super-soil** bank. 092030
Influence of root hairs in **supplying soil** pho- 087725
of field water cycle affected by **soil surface** 091591
nitrogen from plant residues on **soil surface** 091875
alcohol as a stabilizer of **surface soils**. 091985
Triphenyltin acetate) in **soil** & on **surfaces** 089168
Soil survey is a pre-requisite in agriculture. 091574
Soil survey of England & Wales. 091732
How are **soil surveys** made? 091735
From ground up. [**Soil surveys**]. 091744
of irrigation & drainage of **swelling soils**. 092187
On effect of **synthetic soil** conditioners on s- 091492
Use of **synthetic soil** conditioners in 1950's 091889
on these prodesses, in a **soil system**. 091519
Effect of minimum **soil temperature** on diffe- 087175
of bitumen emulsions on **soil temperature** & 088326
Elateridae) larvae to **soil temperature** & mo- 090492
of bitumen emulsions on **soil temperature** & 091493
Effect of forest stands on **soil temperature** 091665
ceramic block apparatus for long-**term soil** 091651
Soil test parameters for assessing plant-avai- 091749
as affected by nitrogen fertilizer & **soil tests** 091816
Reaction of **soil textures** on soil conditioning 091598
of Thielavia species from **Thailand soil**. 086480
alkali earth elemetns in **soils** & **thei** accumu- 087568
Connection between **soil thermal** content & 091600
Effect of various procedures of **soil tillage** on 089721
Equipments for minimal **soil tillage**. 091312
Development of **soil tillage** equipment. 091341
Soil tillage & plow body. 091342
Choice of tooth & disc tools for **soil tillage** 091343
properties in relation to **soil tillage**. 091579
between water reserve & **soil tillage**. 092024
Photographic commentaries. [**Soils, tillage**] 092025
Some aspects of **soil tillage** in irrigated cult- 092026
Results of **soil tillage** experiments in viticul- 092055
Effect of various procedures of **soil tillage** on 092056
infiltration through crust-topped **tilled soils** 091592
stands on soil temperature & **total soil** suctio- 091665
by eggplant from **soil** & their **translocation** 088214
populations in paraquat-**treated soil**. 089754
in tomato plants grown in **treated soils** und- 090320
of agricultural crops grown on **soils treated** 090343
of turkeys confined in pens on **treated soil**. 090349
crops grown on bitumen **treated soils**. 091590
Soil treatment & cultivation techniques in f- 088647
thimet & disyston as seed & **soil treatments** 089875
some elements content in **soils** of **tropical** & 091708

of bacterial growth rates in **tundra soils.** 091528
growth & weeds as affected by **soil type.** 089647
Some characteristic **soil type** of western Hu- 091482
varieties grown in two different **soil types.** 087928
Arachis hyprogaea in relation to **soil types.** 089075
of fungicide benomyl in different **soil types.** 089277
Arachis hyprogaea in relation to **soil types.** 091636
phosphorus in profiles of different **soil types** 091710
of fungicide benomyl in different **soil types.** 091760
nitrogen contents of some Kerala **soil types** 091798
in Zahorie area on **soils** & on **usefulness** of 091664
Sweden, June 19-23, 1972. [**Soils, vegetation**] 091504
for behavior of **subsoil** under **vibratory** load. 091445
Microflora of **soil** as **viewed** by freeze-etchi- 091645
Calcium in **volcanic soils** of highlands of Pa- 091723
Water, soil & ecological characteristics of c- 086656
Influence of **soil water** conditions on growth 087855
Influence of **soil water** content on uptake of 088083
Thermodynamics of **soil water.** 091762
Soil water distribution on a contour-trenched 091768
rejection owing to its effect on **subsoil water** 092192
Soil & **soil water** properties of Tavankut bas- 092249
of mechanical fractions in **soils** of **western** 091702
Effect of a **soil wetting** agent on germination 088260
under different conditions of **winter soil** cov- 087998
Ammonization in **soil** with **winter** wheat. 091480
two temperate, deciduous **woodland soils.** 091641
apparent water table in 17 New **York soils** f- 091680

SOLANACEAE

in Solanum torvum Sw. (**Solanaceae**). 086727
conc. Cayennese Haz. (**Solanaceae**)9 [Redp- 088080
Mexican & Central **American Solanaceae.** 086545
alkaloids of **Berberis lycium.** 087532

SOLANUM

ellin-like substances in **Solanum andigena.** 087564
Steroidal constituents of **Solanum arundo.** 087560
character of **Solanum dulcamara** L. 086731
Peroxidases of Solanum **melongena leaves.** 088131
stomatic cells of **Solanum nigrum** L. 086696
stylar heteromorphism in **Solanum torvum** 086727
in relation to origin of **Solanum tuberosum.** 086808
discs of potato tuber (**Solanum tuberosum** L 086830
of "Phulwa" potato (**Solanum tuberosum** L.) 086976
metabolism in **Solanum tuberosum** discs. [P- 088141
chemical composition of **Solanum tuberosum** 088182
steroid lactone from **Solanum vespertilio.** 087618

SOLAR

Ecology & agriculture. 1. It is **solar energy** 081984
in selection forests. 1. **Solar radiation** meas- 088258

SOLENOPSIS

trials with mirex bait. [**Solenopsis**]. 090253

SOLID

Placement of fertilizers: **Solid.** 091847
hour period by a rapid double **antibody-solid** 084228
Svalof's original **Solid Autumn** Wheat. [Var- 088319
apparent thermal diffusivity of a **solid body** 083141
liquid-liquid, & liquid-**solid chromatographic** 083120
seasonal effects on **solids**-non-**fat** content of 084542
in Muridae. 1. passage of **solid & fluid** food 084370
Solids-liquid separation: an important step in 083968
Differences in moisture, total **soluble solids** 088198
Newer knowledge of **solid tumors** & leukem- 085625
Solid waste & water quality. 092266
Solid waste survey of an academic institution 092327
Critical review of literature on **solid waste** 092330
pollution from land disposal of **solid wastes** 092329
Measuring moduli of rigidity of **solid wood** 086154

SOLONETZ

of meadow-land with **Solonetz soil.** III. Zo- 086619
Solonetz soils of Dzhizak Steppes. 091701

SOLUBILITY

striate mosaic virus & its **soluble antigen.** 089412
alpha 1 & alpha 2 chains of **soluble bovi** ne 084095
between fibre & water **soluble carbohydrate** 084443
for pulp brightness & **caustic solubility.** 086258
cis,6-trans-farnesols by **soluble enzymes** from 087344
ammonia. VI. Components in **ether soluble** f- 086180
to remove mercury bound to **solubilized fish** 082822
VI. Components in ether **soluble fraction.** [086180
phosphatase activity in a **soluble fraction** fr- 087977
De novo synthesis of **soluble & mitochondri-l** 087038
on sedimentation of **soluble nitrogen** constit- 083385
on utilization of **soluble nitrogen** by aquatic 087307
peroxidase isozymes in **soluble & particulate** 089514
storage. II. Changes in **protein solubility &** 082956
of moisture content, total & **soluble protein** 083272
storage. II. Changes in **protein solubility &** 083883
acid on **soluble protein** content of broadbea- 089855
On existence of **soluble proteins** with comm- 087192
of desorption & **solubility rates** of nutrients 091612
Properties of bound & **solubilized replicase.** 089411
Soluble salt problems in fertilization. 091899
Differences in moisture, total **soluble solids** 088198
spermatophore with water-**soluble stains.** [090657
growth, dry weight changes & **soluble sugars** 087685
VI. Differences in moisture, **total soluble** sol- 088198
On composition of **water soluble** wheat flour 083622
Relations between fibre & **water soluble** car- 084443
of functional groups & **water-solubility** of a- 086181
marking spermatophore with **water-soluble** s- 090657
On composition of water **soluble wheat** flour 083622

SOLUTION

of equipments & in finding new **solutions.** [f- 083061
preservation industry: problems & **solutions** 083735
II. Spectral investigation of **solvation;** with 084053
grafting in Oregon: problems & **solutions.** 088844
emulsion of bitumen & **solution** of **adhesive** 091598
ethyl vanillin in **alcoholic solutions.** 083120
of chromophores from **alkaline solutions** of 086252
transport in frozen **aqueous solutions.** I. De- 083053
transport in frozen **aqueous solutions.** II. In- 083054
Engle et Doels wood in **aqueous solutions** of 086116
dichloropropionic acid in **aqueous solution.** 089716
calcium carbonate] into **chloride solutions.** 091633
Solution culture studies on deficiencies of s- 089583
of temperature on **solutions** of **disinfectants.** 085237
Ecological solutions of hydraulic-forest prob- 085815
from their **equilibrium solutions.** 087660
evaluation of viscosities of **glucose solutions.** 083155
of feeding lysine in **solution** to **growing** pigs 084583
One **solution** to **hoisting** problems in silo. 091448
of intrauterine injections of **iodine solution** 084273
of combinations of **microbicidal solutions** as 085056
L. Seedlings by spraying **nutrient solutions.** 086037
Studies of **solution processes** in hydrated st- 083147
Hydraulic models for **solution** of **river** train- 091262
Solutions for **spring** lawn problems. 088710
Structural solutions for automation of irriga- 091261
supersaturation of industrial **sugar solutions.** 083562
decolorization of technical **sugar solutions.** 083683
antitranspirants for **solution** of some **water** 087322

SOLVENT

from oilseed meals with **different solvents.** 083552
Solvent extraction of linseed-oil & analysis 083663
A bibliography of **organic solvent**-based wood 086111
after pretreatments with **organic solvents.** 086187
Organic solvents as pollen suspending media 087030
Application of chemicals in **organic solvents** 088171

SOMATIC

study of an automated optical **somatic cell** c- 083249
of ring chromosomes & **somatic crossing**-over 087161

SONCHUS

SEE COMPOSITAE

SORBUS

SEE ROSACEAE

SORDARIA

Evidence from **Sordaria** that **recombination** 086766

SORGHUM

distribution of proteins in **sorghum.** 084559
problems in breeding of Juncus & **sorghum.** 086996
awned condition & grain colour in **sorghum** 087009
at various stages of growth in **sorghum.** 087667
from C4 [Carbon] plants. [**Sorghum**]. 087837
Green island in rust infection of **Sorghum.** 089039
Light-induced ethylene production in **sorgh-m** 087839
effects in doubled haploid **Sorghum bicolor** 086897
affecting leaf angle in **Sorghum bicolor.** 089084
Leaf spot disease of **sorghum caused** by Rhi- 089091
to reduce loss in yield of **sorghum caused** by 089898
of mouldy grains in **certain sorghum** varieties 088990
Atherigona varia-soccata, **control, sorghum**] 089903
in a gas-exchange cuvette. [**Corn, sorghum**]. 087723
Performance of a few **sorghum cultivators** u- 091867
Weed control in **sorghum** through **cultural &** 089670
effects of Cynodon **dactylon, Sorghum** halep- 089630
Performance of a **few sorghum** cultivators u- 091867
solani] blight of grain **sorghum foliage.** 089241
amino acid analyses. [**Sorghum grain,** maize 083549
Value of protein content of **sorghum grain** in 084440
extrusion processed **sorghum grain** & soybe- 084594
Grain sorghum performance tests in Rolling 088521
Rhizoctonia [solani] blight of **grain sorghum** 089241
assessment & control in **grain sorghum** & w- 089917
of Cynodon dactylon, **Sorghum halepense** & 089630
Spatial growth of **Sorghum halepense** (L.) 089751
gene effects in doubled **haploid Sorghum** bic- 086897
yield of sorghum caused by **sorghum insects** 089898
Diapause of **sorghum midge,** & location with- 089911
Grain **sorghum performance** tests in Rolling 088521
Expansion-extrusion **processed sorghum** gra- 084594
midge, & location within **sorghum spikelet.** 089911
"out of type" plants in **sorghum stands.** 088416
of Sphacelia sorthi. [**Sorghum sugary** disease 089096
yield & juice quality of Rio **sweet sorghum.** 087731
Culture of **sweet sorghum** for syrup product- 088534
mouldy grains in certain **sorghum varieties.** 088990
in rhizospheres of **Sorghum vulgare** & Crota- 089137

SORPTION

SEE ADSORPTION

SORT

Sorting out **Celmisias.** 086344
formation of work process of **sorting cut** ti- 086162
Optical sorting of dried prunes. 083728
Grading & **sorting** of **various** types of apricot 082853

SOUND

Alar-notal & tegmino-**alar sound** production 090745
on biota & water quality in **Currituck Sound** 089648
algal vegetation in Tuborg **Harbour, Sound,** 086398
Sound production in Scolytidae: stridulation 090694

SOW

SEE SWINE

SOWING

to varying seed rates & depths of **sowing.** [088309
Application of artificial manure after **sowing** 091933
Is **combine sowing** profitable? 091340
into cultivation by **complementary sowing.** 088475
Results with special **corn sowing** equipment 091401
of cultivation of pulses: effect of **sowing-date** 088378
Sowing date & yield of yam in Ghana. 088933
reference to variety of cotton & **sowing date** 089948
layer at paddy fields in **direct-sowing** rice cu- 088438
Studies on vacuum seed **sowing equipment** (091384
Results with special corn **sowing equipment** 091401
Effect of depth of **sowing** on **germination** of 088269
Implements for **sowing maize** economically. 091453
Sowing methods & practices. [Soybeans]. 088349
Effect of **pre-sowing** treatment with growth 088191
Is combine **sowing profitable?** 091340
layer at paddy fields in direct-**sowing rice** cu- 088438
l.) at different dates of **sowing** & **seed** rates. 087758
Effect of time of **sowing** as well as of **seed** r- 088329
Studies on vacuum **seed sowing** equipment (091384
Sowing seeds to their definite places, trials 088367
Effect of date of **sowing, spacing** & picking 088890
Pasture establishment by **surface sowing** in 088470
Effect of pre-**sowing treatment** with growth 088191
levels of nitrogen & time of **sowing** on **yield** 091877

SOWTHISTLE

of multiplication of **sowthistle yellow** vein v- 089417

SOYBEANS

facts: supply, competition, use. [**Soybeans**] 082537
a piece of textured artificial meat or **soy** "d- 082934
on ripening & storage of **soybeans.** 083590
characterization of system. [**Soybean**]. 083596
containers on seed quality of **soybeans.** 083599
breeding methods compared in **soybeans.** 086907
A study on variability in **soybean** (Glycine 086971
of yield-enhancing chemicals on **soybeans.** 087671
in seed of genus Glycine. [**Soybeans**]. 087696
Climate factors. [**Soybeans**]. 087700
Soil factors. [**Soybeans**]. 087701
manganese deficiency in **soybeans.** 087814
free amino acids in leaves of **soya.** 087875
for various areas in California. [**Soybeans**]. 088348
Sowing methods & practices. [**Soybeans**]. 088349
Irrigation. [**Soybeans**]. 088350
Harvest & storage. [**Soybeans**]. 088352
characters influencing seed yield of **soybean** 088408
of herbicides & planting of **soybeans.** 088451
fungicides on their levels in **soybeans.** 089108
Effects of Cercospora kikuchii on **soybeans.** 089203
Diseases. [**Soybeans**]. 089454
Weed control. [**Soybeans**]. 089620
of herbicides & planting of **soybeans.** 089693
fungicides on their levels in **soybeans.** 090352
containers on seed quality of **soybeans.** 091379
free amino acids in leaves of **soya.** 091978
of Macrophomina phaseolina. [**Soybeans**]. 089225
glycinea & fungi **affect soybean** seed quality 089239
either beef tallow, coconut oil or **soya-bean** 084460
residues from rice, red beans & **soy beans.** 082735
To make **soybean better** accepted. [culture] 088410
Trichopulsia ni. [**Soybeans, cabbage,** pests] 090039
of metabolites in **soybean callus** tissue cultu- 087766
Nematodes of **soybeans** in South **Carolina** & 089464
of arginine biosynthesis in **soybean cell** cult- 087852
squash technique for **soybean chromosomes.** 086751
Research works **concerning soybean** oil har- 083574
reniformis in Georgia. [**Cotton, soybeans**]. 089546
Long term storage of **soybean & cottonseed** 083601
Studies on foliicolar fungi of **soybean crop.** 089076
Economic efficiency of **soybeans crops.** 082283
Soybean culture in France: Perspectives. 088500
production of some **soybean derivatives.** 083579
sorghum grain & **soybeans** in **diets** of dairy 084594
Behaviour of **different soybean** (Glycine max 088381
Essex soybean. 088498
acid contents of some **fermented soybean** pr- 082999
Food uses of **soybean flour** in relation with i- 082989
Soybeans for **forage** & green manure. 083872
French soybean market. 082464
Phosphine residues on **soybeans fumigated** w- 090351
Grow soybean for richer food. 088878
mottle virus-infected **hypersensitive soybean** 089425
acid polymerase from **soybean hypocotyl** wi- 088155

mutations in **soybeans** & their **importance** in 086945
A **soybean industry** could develop. 088533
of tobacco ringspot virus-**infected soybean** p- 089389
Bacterial blight of **soybeans** as **influenced** by 089314
investigations with **soybeans** in **Louisiana.** [091930
French **soybean market.** 082464
scope for increasing U. S. **Soybean & meal** 082445
multolupa") compared with **soybean meal,** u- 084436
Rapeseed, sunflower, & **soybean meal** suppl- 084587
in thermally oxidized oil. [**Soybean oil**]. 082846
Research works concerning **soybean oil** har- 083574
Water-recycle washing of refined **soybean oil:** 083604
Spider mites & insects. [**Soybeans, pests,** Te- 089858
Morpholoby & development of **soybean plant.** 086735
ringspot virus-infected **soybean plants.** 089389
contents of some fermented **soybean produc-s** 082999
Essay of **soya-protein** in meat products by i- 083396
Special **soy protein** product for bread baking 083537
enzymatic degradation of **soy protein.** 083658
Resistance in **soybeans** to a new **race** of root 089467
Water-recycle washing of **refined soybean** oil 083604
Soybean research in California. 088347
in Japanese daily foods. [**Rice, soy** sauce, s- 083570
Effect of feeding **roasted soybeans** on cured 082800
of alanine-14C [carbon] by **soybean root** cel- 087710
aflatoxin during fermentation of **soy sauce.** 082675
daily foods. [Rice, soy **sauce, soybeans**]. 083570
from Aspergillus sojae. [**Soy sauce.** 083606
microorgamism in brewing of **soy sauce.** 1. 083607
Nutritive value of **soy sauce** residue & its use 083859
Fine structure of **soybean seed** coat & its ch- 083558
Special soy protein product for bread baking 083537
Soya substitution can help stabilise feedstuff 082434
Heat **treating soybeans** for swine. 083897
processed & **unprocessed soybeans.** 084590
Pest control in corn & **soybeans weeds,** inse- 089432
of cadmium by plants. [**Soybeans, wheat**]. 087815
for measuring tenderness of **whole soybeans** 083615
on effect of inoculation of **soybean** on **yield** 091718

SPACING

of small fababeans to seed rate & **spacing.** 088356
of five potato varietis in relation to **spacing** 088900
Relationship of **spaced administration** of lar- 085341
yield & effects of **spacing different** grain nu- 088400
Temporal & **spatial distribution** of an annual 086612
along plant roots & **spatial distribution** of m- 087467
Seasonal & **spatial distribution** of Tinea fusc- 090246
Spacing-gentoype interaction in Douglas-fir. 086069
Influence of **spacing** on **grain** yield & dry-m- 088546
Effect of **spacing** on **growth** of two genotypes 087773
Spatial growth of Sorghum halepense (L.) 089751
in calves by two **spaced inoculations.** [Oster- 085340
citrus orchards. 4. **Spacing & installation** of 091315
levels of nitrogen & **spacing** under **Kerala** c- 088314
influence of females on **spacing** of **males** in 090471
Spatial pattern of fungal species from an oak 086680
Regeneration & **spatial patterns** of Acacia a- 087907
Development of **spatial patterns** in integum- 090585
A preliminary study of **spatial patterns** in a- 091643
pepper--fertilizer rates, **plant spacings,** & va- 088567
Spacing of **potatoes** grown for seed. I. grow- 088900
Spacing of **potatoes** grown for seed iI. Influ- 088901
Spatial & **seasonal** distribution of Diptera, 090758
Effect of date of **sowing, spacing** & picking 088890
Effects of varying **time spacing** & depth of i- 091804
for seed iI. Influence of **spacing** on **tuber** yie- 088901

SPAN

structure constructions for **large spans** in fo- 085890
chlorophyll, ant heme enzymes in **life span** 087695

SPECIALIZATION

Inter-**farm specialization** in cattle raising in- 082191
associated with **physiologic specialization** in 089015
Physiologic specialization & pathogen aggre- 089189

SPECIES

of Japan, with description of a new **species** 086333
allies in Japan. 2. Enumeration of **species.** 086486
algae of Wellington area: a list of **species.** 086614
formation in Claviceps [paspali] **species.** 087264
element status & return in four **species.** [Pi- 088272
with virgin females of both **species.** [Helioth- 089916
development of genital system in **species:** X- 090854
Bruchidae) with notes on other **species.** [St- 090924
with descriptions of three new **species** (Cole- 090941
with descriptions of thirteen new **species** (A- 091002
element status & return in four **species.** [Pi- 091642
Branched fatty acids in two **Abies species.** 088288
Identity of **Aedes species** unkown of Knight 090995
new genus & new **species** of South **African** 090956
A new **species** of **Aletris** [makiyataroi] with 086703
New **species** of **Amatidae** from Madagascar 091039
Supplementary notes on **American species** of 086506
American species of Dioryctria (Lepidoptera 090927
clustering of plant or **animal species** using q- 082498
as a means to improve **animal species.** 084977
of game & other **animal species.** [Yersinia] 085577
Two new **species** of **Archidium** from Victoria 086475
of Cheilymenia, & one **species** of **Ascodesmis**] 086478
or inserting of new **species** of **Ascomycetes** 086594
studies on ascosporic **Aspergillus species.** 086825
Hemiptera). II. **Species assigned** to genera 090955
Clinical pathology in **avian species.** 085146
thuringiensis with other **Bacillus species** bas- 089758
Anatomy of some **bamboo species** in Philipp- 086802
Frequency mapping of **blackberry species** (086396
Species of **Carabidae** (Insects: Coleoptera) in 090897
ni, & of two associated **caterpillar species** on 090012
New **species** of **cattle** fly from Denmark (D- 090963
infesting seeds of **Cenchrus species.** 091008
studies on some **species** of **centric** diatom g- 086388
Some foliicolous **Cercospora species** from B- 086595
Thecotheus, three **species** of **Cheilymenia,** & 086478
potentials of four other **species** of **chicken** c- 084802
Studies on leaf oils of **Citrus species.** VI. C- 087987
Alternaria & **Cladosporium species** & their 089124
of branchiness in major **commercial species.** 086109
Optimization of tree **species composition** fr- 085944
increment of five **coniferous species** in forest 085976
of four high-mountain **coniferous species:** La- 086685
Cyanogenesis in **Cotoneaster species.** 088136
of seed proteins of certain **cotton species.** 2. 086339
of old-world & new-world **cotton species.** 087169
genus Avena. I. Comparison of **crop species.** 087776
some Taxodiaceae & **Cupressaceae species.** 086823
New **species** of **Cyrtinus** Leconte from Mexi- 090926
nov., a new **species** from **Czechoslovakia.** 086434
of a new Tricyclea **[deeming species** (Callip- 091054
Species deversity, stability & succession. St- 090409
of S-alkyl cysteine lyases of **different species.** 087477
enation mosaic virus by **different subspecies** 089429
properties in leaves of **different species** of A- 087192
speciation, & origin a **diploid species** of Ste- 086855
germination & survival of tree **species direct** 086091
Dolichopodidae species (Diptera) from Mon- 090872
Dominant species of paddy weeds & their c- 089679
Species & dynamics of numberical strength 090885
Differentiation of **Eimeria species** infecting 085192
Notes on **species** of **Erythrina.** VI. 086504
foraging on two **species** of **Eucalypts.** 091103
Biology & behaviour of **Euplectrus species** n- 090778
Constituents of **Eupomatia species.** III. New 087248
Revision of **European species** of genus Dich- 090945
Acanthaceae) **species** in **Exogonium** (Convol- 086513
Four new **species** of **family** Caligonellidae. 091035
CXII. A new **species** of **Ferreyrella.** 086535
Forest species of softwood native of Bahia. 086576
of some Minnesota **forest species.** 091942
Spatial pattern of **fungal species** from an oak 086680
contribution to knowledge of **species** of **fungi** 082893
Effect of different **Fusarium-species** on sperm 084084
with a note on a European **species Gaurax** v- 091004
Species of **genus** Heterodera & their distrib- 089539
A new species & **subspecies** in **genus** Lycia 090878
New **species** of **genus** Eurytoma from United 090964
Description of a new **subspecies** of **genus** An- 091040
Reactions of five **species** of **Gramineae** to ra- 089230
Leaf spot diseases on **Graminicolous species** 089055
Two new **Gypsophilous species** of Machaera- 086520
ratios at emergence of two **species** of **high-a-** 090500
melittin isolated from two **species** of **honey** 091126
among New Guinea **Impatiens species.** 086985
Indian species of Ravenella on Abrus & Alb- 086461
Differentiation of Eimeria **species infecting** 085192
with emphasis on cave-**inhabiting species.** 090975
On Erionota torus, a new **species** of **insect** 090085
habits of some **species** of **Ischaemum** Linn., 086458
Two **isoaccepting species** of tryptophan tran- 087327
Variations in **isoaccepting species** of transfer 090534
records of new & little **known species** of Ce- 090950
Leguminous species, 1969/1971. [Broadbeans 088925
overwintering of three **lepidopterous species** 089910
inermis (Nyl.) Krog, a new **lichen species** in 086414
A new **species** of **Linognathus** (Phthiraptera 090951
of a new **subspecies** of **Lobobunaea** melanon- 091041
Naphthaquinones in **Lomatia species.** 087480
karyotypes of some **Manihot species.** 086858
in Entyloma & **Melanotaenium species.** 087383
II. Hybridization of **member species.** 090777
A new **species** of **Microlepidoptera** harmful 090160
relationship of two **species** of **Mimulus.** [M- 087152
of three new **species** of **Monodiamesa** Kieffer 090930
A new **species** of **mosquito** from Congo Bra- 091043
Barbula rufofusca, a new **species** of **moss** fr- 086608
Moth species new to Michigan. 090969
ploid (Morus nigra L.) **species** of **mulberry** 087162
A new **subspecies** of **Nabidae,** Nabis meridi- 090961
Naude species of South African Cicadellidae 090955
yields from graded trees of five **oak species.** 086197
RNA **species obtained** from clonal lines of a- 085583
A new genus & **species** of **Odontiinae** from 090928
Wood-boring bivalves, **opportunistic species** 085860
growth of pollen in **species** of **order** Legumi- 086781
new species & a new **subspecies** of **oribatid** 090864
On some **Palaearctic species** of genus Kybos 090858
with keys to Nearctic & **Palaearctic species** 090930
Revision of western **Palearctic species** of ge- 086500
regrowths of six Tasmanian **pasture species** 084442
carbohydrate contents of **pasture species** & 084443
calendula) & some annual **pasture species.** [087676
on growth of some annual **pasture species.** 089611
from commercial **Philippine species.** I. Prel- 083199
A new **phytophagous species** of Systasis [ce- 091008
its association with particular **plant species** 086381
of simultaneous occurrence of **plant species** 086655
Biological activity of selected **plant species** 087198
parameters of leaves of 30 **plant species.** 087549
Two new **species** of **Platypezidae** form Kenya 090954
A new **species** of **Plegadiphilus** [zumpti] (P- 091055
occurrence of two **species** of **Podocarpus** in 086402
methods, locations, & **pollinator species.** 086890
A new **species** of **polyschema** [indica] from 086472
germination in **Protomycopsis species.** 087384
study of ancient & **rare species** of Danae M- 086776
New **species & records** of New World Micr- 090925
Aitkenius: three new **species** & other **records** 090977
antibody specific for closely **related species** 085225
hybrids between two **related species** of Orni- 086698
of third chromosome loci in **related species** 090619
Distribution of three **species** of **reptile** tichs, 090467
Distribution of three **species** of **reptile** ticks, 090898
II. Strain differences in **species Rhizobium** 087887
RNA species obtained from clonal lines of a- 085583
raspberry bushy dwarf virus in **rubus species** 089380
of some Sclerotinia & **Sclerotium species.** 087305
in some Sclerotinia & **Sclerotium species.** 087306
pustulatum, new **species** of **sematophyllaceae** 086417
variations in starches of **several species,** var- 083550
Growth of **several species** of hibiscus & mal- 088192
New **species** of **Solva** meigen from Indonesia 091049
A new **species** of **Southbya** [grollei], Hepati- 086331
A new **species** of **Sporotrichum.** [Xylophila] 086593
Two new **species** of **Steatonyssus** from Ethi- 091056
in adult emergence due to **species, strain,** & 090771
root & soil by Rhizobia. I. **Species** & **strain** 087886
Aflatoxin production of **species** & **strains** of 088993
Japan. III. Three new **species** of **subgenus** 091011
One new **species** & a new **subspecies** of orib- 090864
A new **species** & **subspecies** in genus Lycia 090878
persistence of some **species** in **sward** of recla- 087812
Two records of **Thielavia species** from Thail- 086480
A revision of C.G. **Thomson species** of Apan- 090944
New **Tillandsia species** from Mexico. Tiland- 086421
influences of some **timber species** on sandy 085838
Protection of exotic **timber species** in Slova- 085940
regime & interrelations of **timber species** in 086623
to reconstruction of forest **tree species** in fo- 085841
Optimization of **tree species** composition fr- 085944
Influence of **tree species** on organization & f- 085949
More than 500 wood producing **tree species** 086006
germination & survival of **tree species** direct 086091
New **tree species** from Esmeraldas, Ecuador. 086508
amelioration by broadleaved **tree species.** [P- 091664
to knowledge of effect of forest **tree species** 091666
Description of a new species of **Triatoma** [r- 091025
A new **species** of **Trichosphaeria** [kamatii] f- 086473
A new **species** of **tripospermum.** [Jasmini]. 086588
among tetraploid **Triticum species** through d- 087181
Cane & crown galls of **Tubus species.** 089309
Species tulips. 088697
of Sclerotinia sclerotiorum as **type species** f- 086447
validation of commonly used **type-species.** 090922
Identity of Aedes **species unkown** of Knight 090995
in starches of several **species, varieties,** & m- 083550
New **species** of **Vizella** on Pycnanthus. 086406
to auxin herbicides for some **weed species.** 089623
of 80 cultivars & related **wild species.** 086992
On economy of eleven different **wood species** 085885
F. Muell. & selected other arid-**zone species** 087906

SPECIMEN

Inadequacies in **herbarium specimens** of lar- 086278
acetate useful as a **specimen supporting** me- 089382

SPECTINOMYCIN

assay of **spectinomycin** in **feed:** collaborative 083865

SPECTROGRAPHY

Spectrographic determination of selected ch- 083203

SPECTROMETRY

water with atomic **absorption spectrometry** 083180
Spectrometric determination of microgram 092289
by gas chromatography-**mass spectrometry** of 091543

SPECTROPHOTOMETRY

for atomic **absorption spectrophotometric** & 082692
atomic **absorption spectrophotometry.** 082734
atomic **absorption spectrophotometric** meth- 083516
Derivative spectrophotometry on basis of re- 086291
column & **ultraviolet spectrophotometry.** 087419

SPECTROSCOPY

Application of **infrared spectroscopy** to study 091616
from Lactarius by **spectroscopic methods.** [087616
chloroplast: resonance **raman spectroscopy.** 087253
nuclear magnetic **resonance spectroscopy** of 087216

SPECTRUM

magnetic resonance] **spectra, absolute** confi- 087387
observed in chlorophyll b **absorption spectra** 087277
Low temperature **absorption spectrum** studi- 087472
On **spectral analysis** of mineral content of 083014
Light-induced **spectral changes** of p700 in 8 087276

Spectral characteristics of three varieties of 083794
Circular **dichroism spectra** of granal & agra- 087850
Spectral effectiveness of photosynthesis of s- 087379
pentanediol, II. **Spectral investigation** of so- 084053
of twenty crops, their **light spectra,** & optic- 087623
acid. IV. **Mass spectra** & chromatographic p- 087411
Pollen spectrum of some honeys from Italian 083015
Chemical & **spectral studies** of novel keto-al- 087559
Low temperature **spectral study** on Euglena 087562
Task spectrum & volumes for forestry offices 085822
Virulence spectrum of Rhynchosporium seca- 089175
Metribuzin, a herbicide with a **wide spectr-m** 089715

SPERM

ion-concentration], **sperm concentration,** wa- 084873
A contribution to evaluation of **daily sperm** 084982
sperm in liquid nitrogen (**DFN2-sperm**) in p- 084958
Functioning of **dissimilar sperm** of high-loss 087078
Insemination with deep **frozen sperm** in view 084961
kinds of examination of **sperm motility.** 084962
Fusarium-species on **sperm production** of ga- 084084
New accessory tubule patterns in **sperm tail** 090717
Spermatophore formation & **sperm transfer** 090498
Sperm utilization in female red cotton bug. 089923

SPERMATOCYTE

segregation in **spermatocytes** of **Gryllotalpa** 090621

SPERMATOZOA

Spermatozoon of **Arthropoda.** XXI. New ac- 090717
to resistance of **bull spermatozoa** & applicat- 084969
Stability of **spermatozoal deoxyribonucleo-p-** 084870
treated rabbit **epididymal spermatozoa.** 084794
of free myo-insitol in **fluids, spermatozoa,** & 084100
Spermatophore formation & sperm transfer 090498
respiration & motility of **goat spermatozoa.** 084873
glycolysis & motility of **goat spermatozoa.** 084874
soybean hypocotyl with **spermidine** & **high** i- 088155
a peptidic factor in **spermatozoa inhibiting** 084793
Tobacco hornworm: **marking spermatophore** 090657
porcine **spermatozoan metabolism.** 084798
changes in **spermatozoa** during **passage** thro- 084091
Effect of storage of **rabbit spermatozoa** at - 084778
activity in **spermatids** & **spermatozoids** of D- 090413

SPERMATOZOID

spermatids & **spermatozoids** of **Drosophila** 090413

SPHACELOMA

Studies on Elsinoe & **Sphaceloma diseases** of 086597

SPHAERIACEAE

disease of Canthium. [**Guignardia bidwellii**]. 089040

SPHAEROTHECA

Sphaerotheca mors-uvae (Schw.) Berk. Et 089159

SPHAGNUM

Contribution to study of **genus Sphagnum.** 2 086555

SPHECIDAE

southern Arabia (Hymenoptera: **Sphecidae**) 090950

SPHERE

vegetables using a 3-media **elastic sphere** m- 088077
Possibilities in **sphere** of **mechanization** & a- 086224
Management of **reproduction sphere** in indu- 083980
on origin of protein **yolk spheres.** 090589

SPICES

acetone content of oleoresins used as **spices** 083065
pepper & its potential as a **spice** in **Ghana.** 088950
lay out & concentration of **spice paprika** in 083693
Growing exports of **spices** to **USSR.** 082361

SPIDERS

of Hawaiian lava tubes, 3. Araneae (**Spiders** 091020
Revision of some Japanese **araneid spiders.** 090861
Spiders of **Belgium.** 1. [Areneida]. 090905
Two new **cave spiders** from Okinawa Island, 090863
Bilogical note on **fiddleback spider,** Loxosce- 090767
Study on **grass spider** as a predator to Hyp- 089977
metabolic rate of starved **Lycosidae spiders** 090408
fall armyworm, & tworspotted **spider mite.** 089962
Biology of red **spider mite,** Oligonychus ma- 090091
Spider mites & insects. [Soybeans, pests, Te- 089858
Revision of short-legged **nesticid spiders** of 091010
Spiders often seen in fruit orchards. [Taxon- 091032
New record of a **spider predator** of genus P- 091004
grape rootstock multiplication of **red spider:** 089997

SPIKE

periwinkle infected with sandal **spike agent.** 089355
a two-ranked spike into a four-**ranked spike.** 087012

SPILOPSYLLUS

of rabbit fleas (**Spilopsyllus cuniculi** dale) & 085388
of European rabbit flea **Spilopsyllus cuniculi** 090255
breeding of rabbit flea (**Spilopsyllus cuniculi** 090266

SPIN

feeding of net-**spinning caddisflies** (Trichopt- 090759
Economic effectivity of **cotton spinning.** II. 083626
Nesting behaviour of Osmia **latreillei Spin.** 090803
deposits on a self-twist **spinning machine.** 083454
cotton: some fiber & **spinning properties.** 086914

SPINACH

plastocyanin & cytochrome f. [**Spinach**]. 087279
ion concentration] change. [**Spinach**]. 087950
sulphurylase activity in leaf tissue. [**Spinach** 087965
grana & stroma lamellae. [**Spinach**]. 088109
Mg2+[magnesium]. [**Spinach**]. 088228
alpha-linolenic acid by a **spinach chloroplast** 087960
ion gradient in **spinach chloroplasts.** 087949
transfer reactions in **spinach chloroplasts** by 088040
properties of **crystalline spinach** superoxide 088025
Nitrate accumulation in **spinach cultivars** & 088003
study of reduction of **spinach ferredoxin.** 088042
on isolated chloroplasts & **intact spinach** le- 088166
nm region in Anacystis & **spinach lamellae.** 087276
kinase activity in **spinach leaf** tissue. 087966
oxygen evolution by **spinach leaf** chloroplasts 087968
conditions. [Nomea lutea, **radishes, spinach**] 087921

SPINDLE

Potato spindle tuber viroid. IX. Molecular- 089415

SPINE

occlusion of segmental **spinal arteries.** [Dogs 085773
Cell picture of **cerebro-spinal** fluid in normal 084376
radiography of canine skull & **cervical spine** 085025
Cervical spinal cord. [Veterinary medicine] 085617
Effects of heating & **cooling spinal** cord & h- 084268
for myelography in evaluation of **spinal cord** 085615
Spinal disc surgery in dog. 085031
Surgical correction of **spinal fractures** & lux- 085010
Spinal surgery. [Veterinary medicine]. 085037

SPIRAL

Phenomena of change of **spiral grains.** [Wo- 084823

SPIRANTHES

A new **Spiranthes** from **grasslands** of central 086450

SPIRILLACEAE

immunogenesis in relation to **Vibrio disease** 085459

SPLEEN

Torsion of **spleen** & **anthracose** fibrosis in l- 085742
Use of bovine fetus **spleen cells** for isolation 085248

SPLITTING

Late "**Splitting**" in juvenile leaf of Phoenix 088015

SPODOPTERA

of different insecticides **against Spodoptera** l- 089877
of adult beet **armyworms, Spodoptera** exigua 090464
lesser cotton leaf worm, **Spodoptera exigua** 089838
zea, Heliothis virescens, **Spodoptera exigua**] 089910
lesser cotton leaf worm, **Spodoptera exigua** 089958
of adult beet armyworms, **Spodoptera exigua** 090464
lesser cotton leaf worm, **Spodoptera exigua** 090808
Agrotis ipsilon, **Spodoptera exigua,** Spodopt- 090816
lesser cotton leaf worm, **Spodoptera exigua** 090818
polyhedrosis virus of **Spodoptera frugiperda.** 089812
of corn foliage. [**Spodoptera frugiperda**]. 090566
Noctuidae. [Agrotis **ipsilon, Spodoptera** exi- 090816
against cotton **leafworm, Spodoptera** littoral- 089871
against cotton **leafworm, Spodoptera** littoral- 089883
treatment of **Spodoptera littoralis.** 089808
of cotton leaf-worm, **Spodoptera littoralis** bo- 089862
larvae & pupae of **Spodoptera littoralis** (Boi- 089867
of cotton leaf worm, **Spodoptera littoralis** (089870
cotton leaf worm, **Spodoptera littoralis** (Boi- 089876
insecticides against **Spodoptera littoralis** (B- 089877
Susceptibility of **Spodoptera littoralis,** Tetr- 089879
in chemical control of **Spodoptera littoralis** 089882
cotton leafworm, **Spodoptera littoralis** (Boi- 089883
dipterex & cyolane on **Spodoptera littoralis** 089884
on cotton leaf worm, **Spodoptera littoralis** 089885
on moths of **Spodoptera littoralis** (Boisd.) (089888
leafworm larvae (**Spodoptera littoralis** Boisd 089892
culture & control of **Spodoptera littoralis?** 090045
of cotton leaf-worm, **Spodoptera littoralis** bo- 090526
feeding behaviour of **Spodoptera littoralis.** 090712
Spodoptera exigua, **Spodoptera littoralis**]. 090816
cotton leafworm, **Spodoptera littoralis** (Boi- 089871
resistant strains of **Spodoptera littoralis,** (B- 089874
zea, Heliothis **virescens, Spodoptera** exigua] 089910
on lesser cotton leaf **worm, Spodoptera** exig- 089838
of cotton leaf-**worm, Spodoptera** littoralis bo- 089862
for control of cotton leaf **worm, Spodoptera** 089870
against cotton leaf **worm, Spodoptera** littora- 089876
on cotton leaf **worm, Spodoptera** littoralis 089885
cycle of lesser cotton leaf **worm, Spodoptera** 089958
of cotton leaf-**worm, Spodoptera** littoralis bo- 090526
on lesser cotton leaf **worm, Spodoptera** exig- 090808
cycle of lesser cotton leaf **worm, Spodoptera** 090818

SPOILAGE

of microflora & **spoilage bacteria** in freshwa- 082811
canned bamboo shoots. 5. **Spoilage bacteria** 082838
muscle tissue. [Chicken, **food spoilage**]. 082832
of egg shell sweating on **microbial spoilage** 082829
Mould spoilage of foods. 082746

SPONGE

colorimetric characteristics of **sponge cakes** 082916

SPORES

thermotolerant fungi in **air-spora** at Cambri- 089018
Spores of **Ceratopteris** thalictroides, with n- 086607
on Lower & Middle **Devonian spores** from 086491
Sporicidal effect of chemical disinfectants. [082678
anaerobic, gramnegative, non-**spore-forming** 085288
Membrane structure of **spore-galls** of corn 086794
sporulation & subsequent **spore germination** 087600
of **zoosporangia** of **Peronoplasmopara** humuli 089029
Resistance of cultures & dried **resting spores** 087343
compounds by Penicilium **roqueforti spores** 083298

SPOROCYTES

on crossover frequency in **microsporocytes.** 087045
after synapsis in **cultured microsporocytes** of 086969

SPOROTRICHUM

A new species of **Sporotrichum.** [Xylophila] 086593

SPOROZOA

tupinambi (**Sporozoa, Leucocytozoidae**), a p- 090419

SPORULATION

organic acids on **growth, sporulation** & subs- 087600
to study of **sporulation** of **Septoria** tritici D- 089102
on growth & **sporulation** of **Sphacelia** sorthi. 089096

SPOT

Alkaloid content of **spotted Asiapoppy.** [R- 087210
An extraordinary gynander of **auroral spot** 090556
Variation among inbreds for **black spot** mat- 087094
cultivar resistance to **brown spot** disease of f- 089279
to cherry fruit. [Leaf **spot, Coccomyces** hie- 089213
of "d"Anjou" pears affected with **cork spot** 089496
Chemical control of leaf-**spot disease** of sap- 089072
Leaf **spot disease** of sorghum caused by Rhi- 089091
A new leaf **spot disease** of Salvia leucantha 089272
cultivar resistance to brown **spot disease** of f- 089279
Leaf **spot diseases** on Graminicolous species 089055
Wilting & **green spotting** of pineapple by bi- 090049
Leaf spot diseases on Graminicolous species 089055
Chemical control of **leaf-spot** disease of sap- 089072
Leaf spot disease of sorghum caused by Rhi- 089091
or in combination with cercospora **leaf spot.** 089184
azinphosmethyl to cherry fruit. [**Leaf spot,** 089213
mowing on Helminthosporium **leaf spot** & s- 089240
A new **leaf spot** disease of Salvia leucantha 089272
Bacterial **leaf spot** & halo blight diseases of 089301
Angular **leaf spot** of strawberry, a new bact- 089304
azinphosmethyl to cherry fruit. [**Leaf spot,** 089549
A zonal **leaf spot** of waterhyacinth caused by 089657
mowing on Helminthosporium **leaf spot** & s- 091964
Stylets of six-**spotted leafhopper,** Macrostel- 090491
among inbreds for black **spot maturity** & fill- 087094
Behaviour of yellow **spot mosaic** virus, a str- 089401
Plum **ring-spot** & shot-hole virus: A new rec- 089344
Behaviour of **yellow spot** mosaic virus, a str- 089401

SPRAY

assessing deposits of **aerially sprayed** insect 090135
Spreading & retention of **agricultural sprays** 090338
traps & timing of **spray application.** [Apples 090022
in ultra-low-volume **spray applications.** [Ins- 089246
Universal **spray attachment** for sugar beet. 091385
1973 **Spray calendar** for fruits in home gard- 089535
Low **concentration sprays** of napthalene ace- 087755
equipment. [Tobacco, sucker **control spray**]. 091472
Spray dusting better than just spray. [Plant 089504
of chlorfenvinphos & **fenitrothion sprays** for 089854
sugar beet to soil dressings & **foliar sprays** of 087781
Spray inoculation of slash pine with Cronart- 089216
assessing deposits of aerially **sprayed insect** 090135
use of automatic mist **spray installation** to r- 086036
Spray dusting better than **just spray.** [Plant 089504
Modification of **knapsack sprayer** for more 091326
fruit drop after Bordeaux **mixture spray** in 089513
Orchard sprays & grazing stock. 090402
Effect of number of **sprays** on **rate** of bollwo- 089889
commercial Bacillus **thurngiensis sprayed** in 090134
Universal spray attachment for sugar beet. 091385
Spray vaccine stops distemper. [Mink]. 085197
indole acetic acid} **sprays** on **vegetative** gro- 088193
involved in ultra-low-**volume spray** applicati- 089246
relations between amounts of **water spray** & 086036

SPRAYING

production in aspen parkland after **spraying** 089632
Aerial spraying trials in West Africa for bla- 090275
labour rationalization at **spraying grapevine** 082082
Changes in recommended **spraying methods.** 089161
sylvestris L. Seedlings by **spraying nutrient** 086037
Spraying schedule for controlling insect pes- 090077
chloride] **spraying** on **seed** value of wheat. 087878
execution of irrigation & **spraying** of **soils** of 092216
Studies on **sprinkler spraying** for citrus orc- 091315

SPRING
Spring back of hot pressed wood in humidifi- 086184
in nutrient contents of spring barley Dvoran 087648
of water-extracted air-classified spring wheat 083546
response in winter & spring cultivars of bre- 086883
Investigation into effect of different spring 088306
among seasons for Texas early spring onions 082327
now is still time for plants of early spring f- 088952
Spring & fall freeze probabilities for Nebra- 089530
Seasonal forecasting of spring growth & flo- 087754
Spring lawn care. 088708
Solutions for spring lawn problems. 088710
Centennial, Victor, Hope, Ozark Spring. [L- 088586
flea (Spilopsyllus cuniculi): A spring-time a- 090266
breeding varieties of intensive-type spring 087159
Water use by farm crops. II. Spring wheat, 087586
valuable mutants of spring wheat obtained w- 087750
a new mutation variety of spring wheat. 087884
Carbohydrates of spring & winter field beans 083797

SPRINKLERS
Spacing & installation of sprinklers. 091315
Tasks & requirements of efficient sprinkler i- 088659
Field sprinkler system. 091450
in a Florida citrus grove following sprinkler 089206
of center-pivot sprinkler irrigation systems 082308
of clearand waste-water sprinkler irrigation 088327
requirements of efficient sprinkler irrigation 088659
Sprinkler irrigation of vegetable crops & its 088660
Adequate levels of sprinkler irrigation at rai- 088662
Sprinkler irrigation of tulips, 1956/1970. 088920
Sprinkler irrigation for coffee. I. Studies on 088963
citrus grove following sprinkler irrigation wi- 089206
situation & trends of sprinkler irrigation te- 091347
Sprinkler irrigation of vegetable crops & its 091348
of clearand waste-water sprinkler irrigation 092082
requirements of efficient sprinkler irrigation 092107
Adequate levels of sprinkler irrigation at rai- 092108
Mechanized ramified sprinkler irrigation ins- 092140
pressure for large-scale sprinkler irrigation 092155
A fixed system of sprinkler irrigation with s- 092167
Sprinkler irrigation for coffee. I. Studies on 092211
Sprinkler irrigation of tulips, 1956/1970. 092252
Sprinkler irrigation & why Mendocino likes 092285
on economy of using semi-mobile sprinkler 088660
Results of using roll-move sprinkler systems 088661
feasibility of center-pivot sprinkler irrigation 082308
Mechanized ramified sprinkler irrigation ins- 092140
providing pressure for large-scale sprinkler i- 092155
Studies on sprinkler spraying for citrus orc- 091315
Field sprinkler system. 091450
of using semi-mobile sprinkler systems. 088660
Results of using roll-move sprinkler systems 088661
of using semi-mobile sprinkler systems. 091348
Results of using roll-move sprinkler systems 091349
for use of clearand waste-water sprinkler irr- 088327
semi-liquid manure & clear-water sprinkling 091858
for use of clearand waste-water sprinkler irr- 092082

SPROUT
for a good seed of potatoes; sprouting. 088588
Apis mellifera l.) on Brussels sprout (Brass- 091169
Effect of cane length on bud sprouting, flow- 088195
In vitro tuberization of potato sprouts as af- 088184
of low temperature seed sprouting in tomato 086859
I. On mechanical property of tea-sprouts & 091439

SPRUCE
trunk count reduction in spruce. [Fomes an- 085811
of Sacchiphantes viridis Ratz, of spruce. 090154
process of thinning stands of spruce basing 086080
of terrestrial bryophytes in a black spruce 086637
Western spruce budworm: nonresistance to 090130
Tables of production for common spruce & 085958
Carbofuran for control of eastern spruce gall 090129
of momentum balance of a spruce forest. [P- 086669
Carbofuran for control of eastern spruce gall 090129
vegetative propagation of Norway spruce (P- 086076
a study of Scots pine & Norway spruce seed- 088298
properties of boards from spruce, pine & be- 086155
of unthinned white spruce plantations to age 086015
frost resistance of Picea spruce plants. 091923
with disease of 80-year-old red spruce in Ve- 089207
seed, succesful growing of spruce seedlings. 086021
C [carbon]-urea by white spruce seedlings in 088253
of Scots pine & Norway spruce seedlings gr- 088298
Biology & configurations of Siberian spruce 088243
truck number in young spruce stands. 086095
Western spruce budworm: nonresistance to 090130
Root & top pruning of white spruce at time 086023
of 14C [carbon]-urea by white spruce seedli- 088253
Development of unthinned white spruce pla- 086015
diminishing truck number in young spruce s- 086095

SQUARE
what you can grow in 100 square feet. 088766
unit hydrograph by weighted lease square m- 092226
method by weighted least square minimum 092227

SQUASH
films on two insect pests of summer squash. 090013
A root tip squash technique for soybean chr- 086751

STABILIZATION
Level terraces with stabilized backslopes on 082249
hydrocolloids on stabilization of chocolate 083279
sorption by dried dairy products stabilized 083311
Road stabilization in fruit growing farms. 088856
dried artificially & stabilized with Santoquin 084725
Soje uses of soils stabilizers in USA. 091890
during warm-up, stabilization of thoracic te- 090669
Stabilisation of a transient mutagen-sensitive 087100
Possibilities of yield stabilization by measur- 088332

STABLES
apparatus "Pomosa S137/1". [Stables]. 085055
Effect of stable flies on feed intake & milk 090252
altosid & its stability in stable fly medium. 090251
shelf-life of dairy products by a heat-stable 082802
withlong shelf-life. I. Making heat-stable sa- 083425
in industrialised loose-housing stables for da- 083980
Behaviour of radioactive & stable isotopes of 087568
Modern stables for horses. 091291
fresh versus processed foods remains stable 082509
Techniques of stable ventilation & factors w- 091292

STAINING
Seed potato stain affects 10-40 percent of c- 089133
Brown stain susceptibility of selected lettuce 083700
Acetic-orcein, a new stain for detection of c- 084141
coronilla] seed by staining with fast green. 083531
Staining imbedded pollen tubes. [Potato]. 088005
value. IV. Sample management, staining, & 085018
as revealed by negative staining. 086713
kikuchii on soybeans. [purple seed stain]. 089203
spermatophore with water-soluble stains. [090657
Evaluation of clearing & staining technique 089897
A new vital stain in Drosophila. 090561

STALKS
of sugar-cane on infestation of stalk borer, 089955
Reaction of selected rice lines to stalk bore-s. 089920
Lettuce & stalk celery. [Cultivation]. 088839
sheep after section of pituitary stalk. 084741
after hypophysectomy or pituitary stalk sect- 084742
Stalk rot studies in maize. [Diplodia, Gibbe- 089140
Effects of deheading on stalk yield & juice 087731

STALLS
livestock rearing & climatic factors in stalls 083942
by strangulation in various tie-in stalls. 085795
system ... for cold, free--stall barns. 091295
Portable stalls for calves. 091297
Stall systems for large animal stocks. 091240

STAMEN
of flowers & ontogeny of stamens in normal 086854

STAMP
1972 Orchid stamps for collector. 086279

STANDARDS
of aflatoxin-M-Standards for analytical inve- 083379
Choice standards of most suitable materials 083440
A practical search for standards for dairy ca- 083987
Standards for evaluation of farm planning i- 091235
World Health Organization] food standards 082628
Revision of inspection standards on imported 082578
when establishing labour standards in animal 082086
reference to modern operational standards 082775
New rating standards for consumer to evalu- 082729
Development on standards for testing agricu- 091355

STANDS
A new table for evaluating volume of stands 085951
to yield & longevity of alfalfa stands (1955- 092002
results with conversions of beech stands from 085895
natural range of mountain beech stands in 086061
on distribution of acid beech stands in subm- 086674
infestation in short-strawed cereal stands. 089602
Wine concession stands: A necessary market- 082483
rates in young-growth, mixed-conifer stands 086264
Corylus avelliana] on conversion stands. 086079
calamities of insects in stands damaged by s- 090162
carrying out in young Douglas fir stands. [P- 086066
course of infestation in old silver fir stands 090168
Population dynamics of forest stands--an al- 085924
Effect of forest stands on soil temperature 091665
Soil fertilizing under forest stands. 091986
Use of vermiculite to improve stands of dire- 091959
Around machinery stands. [Agriculture, Gre- 091328
Murai et Kusaka) stands at Mamurogawa e- 085933
botanical composition in mixed stands of or- 087805
Variability of resin production in pine stands 086188
Effect of Scots pine stands in Zahorie area 091664
height site-index curves for Pinus stands. 085936
preceding crops & manuring of seed stands 088305
"out of type" plants in sorghum stands. 088416
truck number in young spruce stands. 086095
Finnish standard stands for forestry research 085820
Technological process of thinning stands of 086080
Technological process of thinning stands of 086081

STAPHYLINIDAE
Micropeplinae (Coleoptera: Staphylinidae). 090925
new species (Coleoptera: Staphylinidae). 090941
genus Tachinus (Coleoptera: Staphylinidae) 090949
spectabilis Kr. (Staphylinidae Oxytelinae). 090423
Study of Palearctic Staphylinidae. 090004

STAPHYLOCOCCUS
A study on survival of Staphylococcus aureus 082810
production by Staphylococcus aureus. [Food 082819
mastitis strains of Staphylococcus aureus in 085374
Identification of enterotoxic staphylococci. 082776
inocula required to inhibit staphylococci in 083314
typing of staphylococci isolated from foodst- 082821
prevention. [Staphylococcus, Streptococcus] 085516

STARCHES
Mild oxidation of starches with aqueous br- 083051
Barley starch. V. A comparison of properties 083551
in parallel columns. [Corn starch, beans]. 092336
Properties of starch components of normal 087890
iodine, titration curve. [Corn starch]. 083564
carbons in parallel columns. [Corn starch, b- 092336
Dissolution of starches in dimethylsulfoxide 083550
Subject bibliography of starch dissertations. 083217
Starch-gel electrophoresis of proteose-pepto- 084186
synthesis from urea & glucose, starch or cel- 084220
distribution in grafted starch granules dete- 083667
Absorption of iodine into starch granules in 083216
distribution in grafted starch granules dete- 083667
Studies on biosynthesis of starch granules. 5 087890
Stomata & starch in grape berries. 088224
A rapid degradation of starch at hardening 083721
normal barley, & barley with starch of high 087890
of solution processes in hydrated starch & a- 083147
formed during irradiation of maize starch; i- 083668
to enzymic hydrolysis of starch in malt. [Ba- 083582
barley starch with starches of its parents. 083551
Ash contents of potato starch. 1. Comparison 083722
Composition of sugars of potato starch wast- 083771
to study of amylose in potato starch. 2. 083812
of amylose & its derivatives. [Potato starch] 083843
buckwheat grains on starch properties. 083593
On protein in potato, maize & rice starch. 083218
on ash contents of potato starch samples pr- 083722
variations in starches of several species, var- 083550
Enzymic mechanism of starch synthesis in r- 087669
of sugars of potato starch wastes & their ass- 083771
in viscosity of a heated wheat starch-water 083545

STARVATION
in metabolic rate of starved Lycosidae spide- 090408
fatty acids & triglycerides to starving & re-f- 084107
in skeletal muscle fibers in starved sheep. 084278

STATIC
of insects by detecting static charges. 090662

STATIONS
Ecological stations of Argentura-Mercantour 086685
Tobacco experiment station. [Japan]. 081957
at five agricultural experiment stations in 083722
at Petawawa Forest Experiment Station. [P- 085901
at Petawawa Forest Experiment Station. [P- 086015
for amateurs agricultural experiment station 088832
Wisconsin at Peninsular Experiment Station 088892
Latvian Experiment Station for Apiculture. 091183
Climatic conditions of a lichen station of Ba- 086631
of honey bee queens in mating station with 091208
Contributions of stations to mechanization of 091281
First mobile station for instrumental queen 091069
north Central Research Station progress re- 081998
in industrialised pig rearing stations. 085702
of forestry machinery repair stations. 085912
Selection stations for Limousin cattle breed 084907

STATISTICS
in field of keeping of accounts & statistics. 085973
Statistics of activities of milk recording soci- 082579
Improvements in statistical analysis for tole- 089606
New statistical approach to evaluation of l- 082790
On statistics of classified rural communities 082502
Statistical-economical research on culture of 082505
capable of being evaluated statistically. 091335
consumer, v. Statistical evaluation & interpr- 082797
Experimentaly statistical study of character- 086043
Meat industry statistics. 082487
Federal milk order market statistics; annual 082513
Livestock & meat statistics. 082514
Application of statistical methods to evaluat- 082503
Statistics, production & investments in food 082494
Utilization of statistical tool. [Dairy produc- 083375
of low-stream flow by statistical unit hydrog- 092226
of low-stream flow by statistical unit hydrog- 092227

STATOR
bruchids in Sordidus group of Stator (Coleo- 090924

STEAM
of volatile acids by steam distillation. [Food 083058
Investigation of steam generation in flat cag- 083981

of predrying bagasse in **steam generator**-dry- 083665

STEATODA
Pardosa lugubris & **Steatoda castanea** (Arac- 090854

STEATONYSSUS
new species of **Steatonyssus** from **Ethiopian** 091056

STEERS
SEE CATTLE

STELE
in relation to transport of ions into **stele.** 086818

STELLARIA
of a virus isolated from **Stellaria media,** Cla- 089369

STEM
Many **stems**...high yeilds. [Potatoes]. 088634
Silver impregnated **stems aid** Chrysanthem- 083734
of physiological responses of **Avena stem** se- 087834
Regulation of growth of **barley stem** by 2-ch- 087746
Studies on response of **stem border** to differ- 089893
in hibernating larvae of rice **stem-borer,** Chi- 089936
for successive generations of rice **stem borer** 089971
in hibernating larvae of rice **stem-borer,** Chi- 090753
for successive generations of rice **stem borer** 090828
Lepidopterous **stem borers** in different rice 089934
Stem break disease of corn a criteria in sele- 089173
of vascular tissues in **stems** of **Capsicum** an- 087981
thickness connected with relative **stem curve** 088277
of two methods of recording **stem densities** 088867
for measuring upper **stem diameters** in tropi- 085903
alba. III. Folded leaflet, **elongated stem,** & 086895
of cold on tuberization of **stem fragments** of 087919
A **stem & fruit** disease of papaya in Barbad- 089208
vastatrix] gall & normal **grape stem** single c- 090050
description of inhibition of **stem growth** in v- 088178
Silver **impregnated stems** aid Chrysanthem- 083734
acid in **stems** & **leaves** of Hevea brasiliensis 087508
Lepidopterous stem borers in different rice 089934
humidity on development of **stem lesions** on 089228
ions, carbon dioxide, & auxin on **pea stem** s- 088170
Transmission of **stem pitting** of pear & cher- 089334
Role of different **plant stem** tissues in trans- 087375
Influence of age on response of **rat stem** spe- 084799
of two methods of **recording stem** densities 088867
bark thickness connected with **relative stem** 088277
in hibernating larvae of **rice stem**-borer, Chi- 089936
for successive generations of **rice stem** borer 089971
in hibernating larvae of **rice stem**-borer, Chi- 090753
for successive generations of **rice stem** borer 090828
Red Egyptian wheat for reaction to **stem ru-t.** 086911
Wheat **stem rust** epidemic potential in 1972 089214
dioxide, & auxin on pea **stem segment** elong- 088170
responses of Avena **stem segments** to gibber- 087834
on growth of oat (Avena) **stem segments.** 087841
vastatrix] gall & normal grape **stem single** c- 090050
age on response of rat **stem spermatogonia** 084799
Role of different plant **stem tissues** in trans- 087375
An instrument for measuring **upper stem** di- 085903
Preparation of a **stem volume** table for stan- 085970
Wheat stem rust epidemic potential in 1972 089214
Crystals in **woody stems.** 086726
on electrical impedance of **woody stems.** [P- 088254

STEMPHYLIUM
trifolii, **Stemphylium botryosum,** Periconia 089076
from **Stemphylium majusculum.** 087524

STENOTAPHRUM
a new disease--resistant St. **Augustinegrass.** 089842
Blissus insularis, **[Stenotaphrum secundatum** 090005

STEPPES
forest, meadow & forest-**steppe components** 086656
Solonetz soils of **Dzhizak Steppes.** 091701
mineral fertilizers to corn in **forest-steppe** s- 082290
certain kinds of trees in **Golodnaia Steppe** r- 087624
activity & humus content in **steppe soils** of 091782

STERCULIACEAE
of haploidy in cacao tree **(Theobroma cacao)** 086882

STEREOCHEMISTRY
structure & **absolute stereochemistry** of a 1- 087349

STEREOSPECIFIC
Size & **stereospecificity** of **active** site of por- 084090
bromide for **stereospecific cleavage** of trigly- 083073
of holantogenin. **Stereospecific synthesis** of 087592

STEREOTAXIC
Stereotaxic map of muscle fibers in indirect 090719

STERILITY
relationship of p-values to **sterilant activity** 090245
in genus Oryza. V. **Sterile amphiploids,** sati- 086998
in double cross hybrids on **sterile basis.** [Co- 087091
by application of radiation **sterile bean** weev- 090064
in cytoplasmic male **sterile beets.** 086999
nutrient medium under **sterile conditions.** 088929
of fertility in S male-**sterile cytoplasm** in a- 087074
of fertility in hybrids on **sterile cytoplasm.** 087083
single cross hybirds with **sterile cytoplasm.** 087087
Normal vs. male-**sterile cytoplasms** in maize 087070
two different male-**sterile cytoplasms.** [Corn 087095
Sterilant effect of certain antifeedants on m- 089888
Scientific bases for **eradicating sterility** of li- 085107
Use of **sterile females** for control of tick Ar- 090243
Reasons for **sterility** in **hybrids** of old-world 087169
of cytoplasmic male **sterility induced** by ga- 087003
states of Rf-factors in **sterile lines** & single 087079
restoration in cytoplasmic **male sterile** beets 086999
Inheritance of cytoplasmic **male sterility** in- 087003
Induction of **male-sterile** tomato mutants by 087004
Cytoplasmic **male sterility** research. [Corn] 087069
Normal vs. **male-sterile** cytoplasms in maize 087070
restoration of fertility in S **male-sterile** cyt- 087074
of lines carrying two different **male-sterile** c- 087095
with pest population control by **sterile male** 089769
Studies on **sterile-male** technique as a means 090059
wied. in Egypt by use of **sterile male** techni- 090099
Drosophila melanogaster. XI. **Male sterile** 090529
Studies on **sterile-male** technique as a means 090751
to inhibit staphylococci in **sterile milk.** 083314
melanogaster. XI. Male **sterile mutants** of Y 090529
Management of **sterility & obstetrical** probl- 084750
Use of **sterile partner** technique for control 090170
by application of **radiation sterile** bean weev- 090064
of flies treated to function in **sterile-release** 090028
Cytoplasmic male **sterility research.** [Corn] 087069
root cells grown in **sterile suspension** culture 087710
Induction of male-**sterile tomato** mutants by 087004

STERILIZATION
Tubal ligation: **Alternative sterilization** oper- 085087
of improved methods of **sterilizing boll** weev- 089908
of anthocyans during **sterilization** of **canned** 083117
Sterilization of **food** by radiation. 083212
Heat sterilization of canned foods in fluidiz- 083106
Modern **heat sterilization** of canned meats. 083422
Insect sterilization by irradiation. [Pests, bi- 089772
Mass sterilization of laboratory-reared Dro- 090658
Possibility of fish **meal sterilisation** by gam- 083911
Quick sterilization of culture-media by prop- 089160
A method for surface-**sterilizing small** plant 087621
A preliminary report on **soil sterilization** by 089117
of ultra-high-**temperature sterilization.** 083309
On **sterilization** of **tuna** canned in oil & bri- 083107

STEROID
Stereospecific synthesis of **steroidal** 18,20(R 087592
Steroidal alkaloids of Malouetia brachyloba 087527
Steroidal constituents of Solanum arundo. 087560
Utilization of **steroid derivatives** by larvae of 090639
s-hydroxyvespertilin, a new **steroid lactone** f- 087618
Steroidal sapogenins from Dioscorea in Mal- 088181

STEROL
New **sterols** in **Helianthus** annuus. [Sunflow- 087832
Sterols of **lichen** Pseudevernia furfuracea. 087489
for determination of **sterols** in **vegetable** oils 083835

STILBESTROL
SEE DIETHYLSTILBESTROL

STIMULATION
on angle & duration of **stimulation.** [Oats]. 087705
to quality of slaughter **animals stimulates** de- 082366
Local **antigenic stimulation** of guenea-pig m- 085059
Variation in **stimuli associated** with oral eva- 083155
Stimulation of **chlorophyll** synthesis in cuc- 087997
of slaughter animals **stimulates delivery.** 082366
in vitro: **stimulation** by **ecdysone** analogues. 090692
Cost effectiveness of **ethrel stimulation:** A p- 082288
Origin names a **stimulating factor** of quality 083100
Stimulation of **flowering.** [Silviculture]. 086077
Inference of **follicle-stimulating** hormone (F- 084023
releasing hormone/**follicle stimulating** horm- 084218
triphosphate] **stimulates formation** of nuclea- 087913
A **growth stimulant** for swine presents itself 084619
Growth stimulation of Armillaria mellea by 089196
Inference of follicle-**stimulating hormone** (F- 084023
hormone/follicle **stimulating hormone**-releas- 084218
darkness followed by **illuminated stimulation.** 087371
with intermittent **light stimulation** on electr- 085046
how to improve **material stimulation** in ente- 082083
Effects of various **mating stimuli** on LH[lute- 084847
herd upon automatic **milking stimulation.** 084289
their **stimulation** of their **production.** 087639
reasons for **stimulation** of **respiration** of pla- 087735
Stimulation of **RNA** synthesis in Cicer ariet- 088041
control measures & **yield stimulation** in He- 089286

STINGS
How about stinger & **sting?** [Honeybees]. 091129

STIPULE
About **"stipules"** of Rhytidophyllum Mart. 086800

STOCHASTIC
Stochastic methods for design & operation of 092098

STOCK
ecology & cultural management of **stocks.** 088560
Stall systems for large **animal stocks.** 091240
Tree **bee stocks** in South Caspian lowland f- 091068
condition for improving **stock breeding** ani- 084912
propagation of cotton **breeding stock.** 086849
Influence of root **stock breeding** with Vitis c- 087096
vulvovaginitis] virus infection in **calf stocks** 085435
Orchard sprays **& grazing stock.** 090402
Examination o root-**stock influence** in vine-p- 088808
Investigation into **stock manuring** on a per- 091790
growth potentials of **nursery stock** by using 086086
Winter cold injury to fruit **nursery stock.** 089473
Plant stock of Novosibirsk, its health impor- 085807
of obtaining virus-free **planting stock.** 089402
Tetranychidae), at cost of same **stock, red** 089997
energy of fruit-tree varieties **& root-stocks.** 088103
fruits, outlook & selling of **rural stocks.** 082576
Selection of grape **vines stocks** for new plan- 086843
to measure of variation of a **water stock** of 091688
Payment & sale from raw **wood stocks.** 085888

STOMACH
Studies on function of **fore-stomach** in Muri- 084370

STOMATA
Abnormal stomata of Equisetum. 086752
Environmental control of **stomatal activity** in 088248
Observations on **stomatal apparatus** of Oro- 086724
nuclear DNA of epidermic & **stomatic cells** 086696
Relationship to **stomatal length** & frequency 086900
on differentiation of **stomata** in **Spirodela** in- 087293
Stomata & starch in grape berries. 088224
number & size of **stomata** on some **yield** co- 087880

STOMATITIS
activity associated with **vesicular stomatitis** 085180
infection by **vesicular stomatitis** virus. 085468

STOMOXYS
in stable fly medium. **[Stomoxys calcitrans]** 090251
of dairy cows. **[Stomoxys calcitrans].** 090252
for fly control. **[Stomoxys calcitrans].** 090276
Raffinose in **Stomoxys calcitrans** Linn. (Dip- 090560

STONES
pinodes (Berk. et Blox.) **Stone.** [Peas]. 089260
New records of pome **& stone fruit** tree dise- 089087
Control of brown rot of **stone fruits** with th- 089220
Virus diseases in **stone fruits.** [Peach, cherry 089349

STORAGE
Quality assessment of beetroot from **storage** 082816
biocide for protection of pruduce in **storage.** 082871
of staple foods & feeds during **storage.** II. C- 082956
content of some tinned foods during **storage** 083101
of milk containing formalin during **storage.** 083275
ultra-high-temperature milk during **storage.** 083307
Studies on physiology of seeds under **storage** 083527
Conditions of **storage.** [Apples, pears]. 083719
their modification during **storage.** 083767
Quality assessment of beetroot from **storage** 083795
potato clamps with plastic. **[Storage].** 083844
Storage of "Hass" avocados in polyethylene 083845
of staple foods & feeds during **storage.** II. C- 083883
crops with intent of making hay. **[Storage]** 083909
Studies on physiology of seeds under **storage** 087224
Harvest & **storage.** [Soybeans]. 088352
protectant & results after 1 year in **storage"** 090179
biocide for protection of pruduce in **storage.** 090214
sites of synthesis, transport, & **storage.** [Hy- 090593
acids in redpeppers & eggplants. **[Storage].** 083768
in lettuce seeds under **adverse storage** condi- 087995
food by cooling & by **storage** in **aerobic** & a- 083888
How anaerobic **storage affects** quality of do- 086256
Enemies of **stored agricultural** products. [In- 090216
How **anaerobic storage** affects quality of do- 086256
of chemical elements to **apple storage** disor- 083848
conditions for **storage** of **apples** & pears. 083729
studies on controlled **atmosphere storage** of 083701
ethylene removal from **storage atmosphere.** 083716
Regulation of controlled **atmosphere storage** 083805
Controlled **atmosphere storage** of apples. 083823
Controlled **atmosphere storage** of vegetables 083847
Temperature study in grain **storage bins.** 091378
Effect of **storage** on **bioinsecticide** Thuricide 089778
Reconstruction of a **box storehouse** in a pile 091273
control of Botrytis neck rot in **bulk stored** 089154
How chain **stores buy** & market peaches. 082452
Flesh browning in **CA stored** Jonathans. [A- 083849
on life stages. [Cadra **cautella, storage** pests 090194
How **chain stores** buy & market peaches. 082452
acid on rind quality & **storage** of **coastal** na- 083709
Some questions of rentability in **cold-storage** 082253
Studies on polethylene **cold storage** of fruits 083805
Some questions of rentability in **cold-storage** 083810
to roots of maiden trees held in **cold stores** 089472
in design of experimental **cold storage** plants 091253
of controlled atmosphere **storage conditions** 083805
seeds under adverse **storage conditions.** 087995
Efficacy of different **storage containers** on s- 083599

feeds during **storage** under **controlled** tempe- 083136
of an insect infestation in **stored corn** (maize 090201
Effect of **customary storage** on chemical co- 083487
benzimidazoles for control of **storage decay** 089064
Dieldrin storage of obese, normal, & semist- 090310
Efficacy of **different storage** containers on s- 083599
elements to apple **storage disorders.** 083848
Influence of **storage factors** on endogenous e- 083697
Role of **storage** in **food** production in Ghana 083084
Effects of thiol reagents & **frozen storage.** 082952
myofibrillar proteins during **frozen storage** of 082964
I. Studies on changes during **frozen storage** 083139
Effects of thiol reagents & **frozen storage.** 083597
citrus tree on **storability** of its **fruit.** 087926
of cacao beans infested with **storage fungi.** 083124
Grain storage & sanitation. 083631
Inert atmosphere vs. **stored grain** pests. [In- 090175
Temperature study in **grain storage** bins. 091378
control of parasitic insects of **stored grains;** 082850
zeamais, sitophilus **granarius, storage** pests] 090192
Storage of **green** plantains. [Bananas]. 083826
in appraisal of wool for **store handling.** 083404
Continuing research on post **harvest storage** 083822
Harvesting, storage & transport of mango. 083691
Postharvest handling & **storage** of **Hawaiian** 083742
Clarfication & **storage** of **honey.** 083026
Potato **storage houses** in fixed frame building 091272
Hypobaric storage of cut flowers. 083744
as a method for **improved storage** & transpo- 083692
Improved storage of fruits & vegetables by i- 083802
Automatic control of **storage irrigation** syst- 092146
Flesh browning in CA **stored Jonathans.** [A- 083849
Rational **storage keeping** in a medium size p- 083420
wrappers & growth regulators on **storage life** 083832
Chilling injury of **stored limes** & grapefruit 083743
Storage of **maize** seeds in dessicator with sil- 087868
Liquid **nitrogen storage** of Macrophomina p- 089225
fly Eumerus amoenus Loew on **stored onion** 090182
of Botrytis neck rot in bulk **stored onions.** 089154
model" to farm supply **store operations.** 082148
Mechanization of **storehouses** & **outlays** of 091402
changes during ripening & **storage** of **peach** 088196
Biology of apple & **pear storage.** 083718
Consumer attitudes & **store performance:** fo- 082867
Lasioderma serricorne, **storage pest** control] 087893
its application in wheat. [**Storage, pest** cont- 090209
zeamais, sitophilus granarius, **storage pests]** 090192
on life stages. [Cadra cautella, **storage pests** 090194
food additives as ovicides. [**Storage pests,** c- 090195
of a box storehouse in a **pile storehouse** with 091273
Importance of grain intake & **storage plants** 083642
design of experimental cold **storage plants** f- 091253
Simplified methods of **pollen storage** in tob- 087166
Potato storage houses in fixed frame building 091272
of artifically cooled air. [**Potatoes, storage]** 083829
Production, storage, & use of photosynthate 088252
Fudrat, new exterminators. [**Stored products** 083176
Coleoptera: Nitidulidae) [**Stored products,** i- 090184
Control of insect pests in **stored products** in 090215
added acid, & aeration on **storage properties** 083277
Quality storage of plant products in control- 083011
Effect of **storage** of **rabbit** spermatozoa at - 084778
Rational storage keeping in a medium size p- 083420
total losses during **storage** & **reconditioning** 083830
flesh temperatures in **refrigerated storage.** 083746
suppressants on **storage reservoirs** & on cro- 092137
problems pertaining to **storage** & **ripening** in 083690
on apples & pears during **storage** & **ripening** 083710
system: a new approach in **storing seed** cott- 083620
beef home frozen & **stored** in **selected** wraps 082750
tobaccos. [Lasioderma **serricorne, storage** p- 087893
Plodia interpunctella Hb., on **stored shelled** 090217
Silage storage & feeding systems. 083896
on ripening & **storage** of **soybeans.** 083590
Storing sweet oranges better way. 083754
Sampling & **storage technique** for determina- 087892
Storage & **technology** of oil-seeds. [Rapesee- 083568
thermical treatment & **storage temperature** 083491
Successful low **temperature storage** of conid- 086294
Aerating corn for short-**term storage.** 083524
Long **term storage** of soybean & cottonseed 083601
Short-**term storage** of some vegetable crops, 083808
their resting spores after long-**term storage** 087343
of frozen fish after long-**time storage.** 083621
Economical questions of **storage** & **turn**-over 083059
Studies on packaging & **storage** of **wheat** flo- 083609
Nematodes in **stored yams.** 083732

STORMS

in State Forest Kyritz damaged by **storm.** 085867
Development of **design storm** hyetographs f- 092275
stands damaged by **storm** within **lowlands** of 090162
A comprehensive analysis of a **major storm** 092084

STRAIGHTBRED

SEE BREEDING

STRAIN

in hamsters with a bovine **adenovirus strain** 085243
Occurrence of new **strains** of **alfalfa** mosaic 089361
yellow spot mosaic virus, a **strain** of **alfalfa** 089401
resistance of **strain** Y-33 of **Alternaria** kiku- 089281
of species & **strains** of **Aspergillus** flavus gr- 088993
Marek's disease with **Australian strains** of t- 085258
slime material by some **Azotobacter strains** 091714
Selection of **strains** of **Bacillus** thuringiensis 089835
interactions between **bacterial strains** in soil 091742
of Argentinian Mycobacterium **bovis strains** 085599
heterotransplantation of **CFW strain** mouse 085650
to colicines in Escherichia **coli strains** of gr- 085482
resistance of **commerical strains** of broilers 085676
investigation on a **strain** of a **cytoplasmic**-po- 091174
field experiments using **DD**-136 **strain** of N- 089786
Moisture requirements of **DD**-136 **strain** of 090116
on antigenic changes & **strain differences** in 085251
by Rhizobia. I. Species & **strain differences** 087886
soil by Rhizobia. II. **Strain differences** in s- 087887
sensitive genes & use of **disomic strains** in l- 086928
Newcastle disease virus **strains due** to their 085475
Study of **enteroccoci strains** (Streptococcus 082875
ERA strain rabies vaccine: Intracerebral pa- 085317
by different subspecies & **strains** of **foxglove** 089429
auxotrophic mutants in **homothallic strain** of 086877
Viscerotropism of rabies-like **strains isolated** 085194
Virulence of two **mastitis strains** of Staphyl- 085374
Strains of **microorganisms** resistant to antib- 091198
of chickens with acute & **mild strains** of Ma- 085275
Purification of a mild **mottle strain** of peanut 089379
heterotransplantation of CFW **strain mouse** 085650
differentation of **strains** of **Mycobacterium** 085432
of rabbits infected with a **neurotropic strain** 085598
of Newcastle disease virus **strains obtained** 085476
Distribution of **strain** by using **photoelastic** 086185
of different adult Culex **pipiens strains.** 090701
ERA **strain rabies** vaccine: Intracerebral pa- 085317
cohesive soil from view point of **strain-rate** e- 091684
development of a clopidol-**resistant strain.** 085279
in susceptible & **resistant strains** of Spodop- 089874
Studies on selection of **rice strain** by grain/ 087006
KRR 2, a white seeded **Sesamum strain** [Se- 088376
Resistance to insecticides in **SKA strain** of 090278
Effects of **strain, source** plant, & temperatu- 089378
in adult emergence due to **species, strain,** & 090771
produced by three **strains** of **streptococcus.** 085290
A **strain** of **Streptomyces** nigrifaciens Wak- 089270
Efficacy of clopidol against **twelve strains** of 085279
rates, plant spacings, & **variental strains.** 088567
viral diarrhea-mucosal disease **virus strain** by 085248
attenuated Newcastle disease **virus strains** d- 085475
properties of Newcastle disease **virus strains** 085476
Study of **yeast strains** with increased mutabi- 087163
Protein production by local **yeast strains** wi- 087636

STRAND

of virus-specific **double-stranded** RNA of co- 089416
nucleases specific for single-**stranded nucleic** 087326
sucrose transport in isolated **phloem strands** 087335

STRANGULATION

Cattle mortality by **strangulation** in **various** 085795

STRATEGY

in West Pakistan: a choice of **strategy.** [Agr- 082597
A new **strategy** for **agricultural** development 082615
project: Its irrigation & **cropping strategy.** 081974

STRATIFICATION

changes in water & **accumulation stratum** of 087206
study of thickness of **stratum corneum** in Ni- 084114
deposits of soil-**stratigraphic importance** & 091628
Two-stage **stratified sampling** to estimate he- 088535

STRATIOMYIDAE

illucens larvae (Diptera: **Stratiomyidae)** as 084517

STRAW

whole plant & by processing of **straw.** 083885
Straw crushing & distribution by brushers 091477
drying & processing of **straw** for **feed.** 083876
to feeding cows pellets of **straw-grain** mixtu- 083389
on selection of rice strain by **grain/straw** ra- 087006
Variety trials for **straw, grain** & oil yielding 088539
sasakii & its residues in rice **grains, straw** s 089280
pesticide residues in rice **straw, paddy** soil 090386
One view of cultivation of **straw producing** c- 089483
study of gabasse & wheat **straw pulping** for 083096
value of chemically prepared **rape straw.** [084688
in unpolished rice, polished **rice, straw** & pa- 090387
Chemical treatment of **ryegrass straw:** in vit- 083879
Technology & methods for **salvaging straw.** 088478
of feeding water-soaked & dry **wheat straw** 084203
Wheat straw & urea in pelleted rations for 084570

STRAWBERRIES

Black root rot of **strawberries;** trials for its 089104
Kennedy et King in Italy. [**Strawberries].** 089311
leaf spot of **strawberry,** a new **bacteriosis** in 089304
A new anthracnose of **strawberry caused** by 089217
Irradiated **strawberries--chemical,** cytogenet- 083776
Commercial strawberry production. 088828
rot susceptibility of **strawberry cultivars** & 089026
in German Swis s **strawberry culture.** 082181
of postharvest losses of **strawberry fruits** fr- 088987
Holiday strawberry. 088599
vegetables, **melons, strawberries.** 082510
Strawberry mite. [Tarsonemus pallidus]. 090017
of Anthonomus rubi. **[Strawberries, pests].** 090081
Wind damage to **strawberry plants.** 089487
Strawberry virus deseases & methods of obt- 089402

STREAK

associated with maize **streak disease.** 089385
dispersal in black leaf **streak diseases** of ba- 089012
Tulip **veinal streak,** a viral disorder of forced 089371

STREAM

Stream baseflow prediction by convolution of 092280
Trichoptera) of a **Canadian stream.** 090759
Dynamics of **cytoplasmic streaming** in a pla- 087290
Scour holes **down stream** of canal structures 092033
Analysis of low-**stream flow** by statistical un- 092226
Analysis of low-**stream flow** by statistical un- 092227
Ephemeroptera) in a trout **stream flowing** f- 090452
valley: L'Almache or **Gembes stream,** betwe- 086488
Nebraska: a survey of **streams, groundwater,** 092276
study of Diptera in a **stream** from **Pyrenees** 090453
Streamflow regulation by means of retention 092178
Generalization of **stream-temperature** data in 092255
Bank erosion on low-**velocity streams.** 092029

STREPTOCOCCUS

produced by three strains of **streptococcus.** 085290
to antibiotics. [Bacillus **alvei, Streptococcus** 091198
new mastitis infections. **[Streptococcus, cows]** 085389
enteroccoci strains **(Streptococcus faecalis** 082875
prevention. **[Staphylococcus, Streptococcus]** 085516
studies of group E **streptococci** in **swine** leu- 085307
*** 085309
for transferring **Streptococcus thermophilus** 083333

STREPTOMYCETACEAE

A strain of **Streptomyces nigrifaciens** Wak- 089270
percent of crop. **[Streptomyces scabies].** 089133

STREPTOMYCIN

Analytical method of **residual streptomycin** 089326
Analytical method of **residual streptomycin** 089327

STRESS

for transportation of cattle by rail. **[Stress]** 082363
buying calves beware of tired ones. **[Stress]** 085696
cattle another approach to problem of **stress** 084716
High **stress abrasion** wear-effect of load & s- 091377
How heat **stress affects** broilers. 084307
under various osmotic **stressed conditions.** 087860
Evaluation of **environmental stress** on cardi- 085033
priorities among **environmental stresses.** 092379
How **heat stress** affects broilers. 084307
Effect of prior **heat stress** on protochlorophr- 087633
High stress abrasion wear-effect of load & s- 091377
Stress on **high** performance tractor gears. 091393
polyethylene glycol (PEG) **induced stress.** 087685
stock by using a "variable-**moisture-stress-p-** 086086
Effect of soil **moisture stress** on yield & sea- 088424
mays) crop under various **osmotic stressed** c- 087860
by using a "variable-moisture-**stress-plot"** te- 086086
Effect of **stress** on **serum** zinc & plasma cort- 084232
Stressed skin farm buildings. 091243
clearance of cortisol by **stress-susceptible** sw- 084217
horse associated with **stress** & **tetracycline** 085572
transpiration as functions of **water stress.** 087323
Effects of **water stress** on indoleacetic acid 087843
of carbon dioxide fixation to **water stress;** p- 088166
Weaning & post-**weaning stresses** on beef ca- 084151
Some observations on **weaning stress** in beef 084152

STRIATELLUS

district, Japan. **[Laodelphax striatellus].** 089351
in wheat & barley. **[Laodelphax striatellus]** 089930

STRIATION

Serological analysis of wheat **striate mosaic** 089412
chains of soluble bovi ne **striated muscle** col- 084095

STRIDULATION

in Scolytidae: **stridulation** by **female** Dendr- 090694

STRIP

lamb casings. II. Pulling & **stripping.** 083476
of a cotton gin in Texas **stripper area.** [Air 092434
Evaluation of **bacto-strip** technique for detec- 083386
Bark-stripping by game as an ecological pr- 089474
of municipal compost for **strip mine** reclama- 091830
examinations of urastrat **test strips** with spe- 084356

STROMA

acid by a spinach **chloroplast stroma** system 087960
from chloroplast grana & **stroma lamellae.** 088109
cornea in chick embryo. II. **stromal wound** 084334

STRONTIUM

Assay of 89Sr **[strontium]** in plant & soil s- 087430
Strontium-calcium discrimination during pla- 084320
Principles of **radioactive strontium** soil & ac- 087566

STRUCTURE
at Helgoland: development & **structure.** 087391
Structure-acitivity relationships in antifungal 088979
Structure & activity of alkaline proteinase f- 083606
blocking agents: **Structure & activity.** [Drug 087350
Structure-activity correlations for metaand 089585
Hansch **structure-activity** approach as an aid 089587
Structure--activity correlations of acaricidal 089759
Hansch **structure-activity** approach as an aid 089760
Age structure & productivity of pine forests 085879
Velasquez on antique **agrarian structures** in 081988
Hereditary **structural alterations** of plastids 087127
with normal & with **structurally altered** gen- 090825
Antigenic structure & clearance of Chlamyd- 085204
Structure of **barley** roots in relation to tran- 086818
Structure, biogenesis & chemistry of hormo- 090634
On **structure** of **bitter** principle of Ilex oldh- 083825
Research into effects on long **bone structure** 084086
Scour holes down stream of **canal structures** 092033
Capital structure & productivity on farms in 082244
Capital structure & financial management p- 082299
Structure of **cells** of mesophyll & parenchy- 086725
Structures of **chaetoglobosin** A & B, cytotox- 087606
models to project **structural change** in agric- 081891
Structural change of nutrition in German F- 082925
Econometric analysis of **structural changes** f- 082092
Relationship between **structural changes** in 086817
Relation between **chemical structure** & biol- 088983
Relation between **chemical structure** & biol- 089593
Relation between **chemical structure** & biol- 089594
of Atlantic zone. V. **structure & chemistry** of 087615
products as related to **competitive structure** 082457
Component structure of peasant economy, a- 081964
Structure & conformation of low molecular 089418
Modern supporting **structure constructions** 085890
of automatic water level **control structures** in 092170
On problems of level & **structure** of **costs** of 082213
formation of ice **cream microstructure** during 083344
evidence for their **cyclic structure.** [Populus 088296
Structure of **Daphmacropodine,** a new alkal- 087427
betulus L.). II. Wood **density, structure** & a- 086125
Isolation & **structure** of **deoxopinguisone** fr- 087485
Structure & development of hairs in Agrimo- 087357
domestica: vI. **structure** & **development** of c- 090434
Structural development of plastic covered fo- 091274
On **structural difference** in amylopectins fr- 083564
Cutoff trench walls. **[Drainage structures].** 091300
Microstructure of **elementary** microbial eco- 091531
Structural elucidation of novel tumor-inhibi- 087425
Structure & evolution of fungi. 086482
Structure, extractives & utilization of bark 086097
Interpretation of **factor structures** with help 086030
problems of airtight silos. I. **[Structure, fee** 083858
Structure of **felidae** hemoglobins & response 084127
Fine structure of soybean seed coat & its ch- 083558
Regional histology & **fine structure** of epidi- 084212
Observations on **fine structure** of bovine sw- 084296
Cell & lorica **fine structure** of chrysomonad 086714
studies on trichocysts. VI. **Fine structure &** 086757
Fine structure of trichome hydathodes of M- 086816
Fine structure of cortex in lichen family Pa- 086826
Effect of cordycepin on **fine structure** of int- 088017
Effect of ehtionine on **fine structure** of bean 088018
Comparative **fine structure** of claw sensilla of 090262
Preliminary data on **fine structure** of epigas- 090422
Comparative **fine structure** of claw sensilla of 090722
Domparative **fine structure** of claw sensilla 090723
Flagellar structure of gametes of Ectocarpus 086713
Floral structure, hybridization & evolutiona- 087152
Forest map & **structure** of **forest** fund. 085900
Verticillium dahliae on **structure & function** 088982
Structure & function of nervus allatus in Gr- 090512
Structure & functional characteristics of he- 090666
Structural functions of taste in sugar series: 083142
Structure of **funiferine,** a biphenyl alkaloid f- 087442
Milk **gel structure.** I. Application of scanni- 083317
Distribution, **genesis, structure** & properties 091707
Genetical structures of plant populations of 086072
Genetical structures of plant populatons of f- 086073
its effect on **structure** of beta-**glucan** obtain- 087844
radiata. II. **Structure** of a **glucomannan.** 086247
Studies on **Glyceride Structure** of Fats i: c- 083073
Studies on **glyceride structure** of fats. IV. On 083185
properties of simple **glycoside structures.** [F- 083142
Hansch structure-activity approach as an aid 089587
Hereditary structural alterations of plastids 087127
hyperploid **structural heterozygotes** for tran- 087019
Structure of **highly** specialized carrion-flowe- 086423
Comparison of **household structure** methodi- 083009
Floral **structure, hybridization** & evolutiona- 087152
in balanced & **hyperploid structural** heteroz- 087019
as a source of **structural information** on cell- 083671
operation of large **irrigation structures.** 092144
Structural lumber promising from 1/4-in so- 086134
most suitable state & **structure** of **machine** 082169
Influence of **structure** of **macroporous** anion 083683
Structure of **mannans** of palm Erythea edulis 088135
Policy of **market structure:** requirements, po- 082352
Structure of **melittin** isolated from two spec- 091126
Membrane structure of spore-galls of corn 086794
of household **structure methodical** presentat- 083009
Casein **micelle structure:** susceptibility of va- 084227
Structural modifications of homologous loci 090823
Molecular structure & absolute stereochemi- 087349
Effect of irradiation on **molecular structure** 091187
Morphologicoanatomical structure of Rumex 086705
of **substructures** of **mouthparts** of larval mos- 090738
Fungal extractives. IV. **Structure** of a **novel** 087616
changes in **oviduct structure** in sows of diffe- 084361
disassembly into **structural parts.** 089421
phytocoenotic **structures, pastoral** ecosystem 086632
function & **structure** of **peritrophic** membra- 090521
methodology, **phytocoenotic structures,** past- 086632
operation of waste water **pond structures.** 091299
Changes in meat grading & **pricing structure** 082848
Primary structure of sheep pituitary growth 084055
Studies oh **primary structure** of porcine gro- 084169
Structural problems of Indonesian soils. 091586
Growth & **production structure** of Acacia mo- 085932
Growth & **production structure** of Acacia mo- 085934
Simulation models to **project structural** cha- 081891
Some data on **structure** & **properties** of O-a- 085458
Structure of **radiclonic** acid, a new plant gr- 087608
of aeration on modification of **root structure** 088033
Microstructure, soil strength & root develo- 086799
Soil structure & management. [Fruit culture 088917
Improvement of **soil structure** & water bala- 091561
bay. III. On relation between **soil structure** 091683
Soil structure & management. [Fruit culture 092061
Structural solutions for automation of irriga- 091261
structure of fats. IV. On **structure-specific** h- 083185
soil conditioners on **structural stability** of d- 091492
Forestry Center forest **stand structure** & gr- 085945
Stand structure & litter fall of a coppiced b- 086052
Structure of **strobic** acid. [Pinus strobus]. 088302
Structural studies on bovine growth hormone 084168
Estimation of **structural substances** in feeds 083904
Alteration of **supermolecular structure** of pu- 086210
Modern **supporting structure** constructions 085890
in field of **supramolecular structure** of cellul- 086115
Veterinary dentistry; **structure** of **teeth.** 084991
Triglyceride structure of milk fats. 083302
Structure of **triterpenoid** oxide from Rhodo- 088009
Development & **structure** of **Veterinary** Fac- 085078
Cell **wall structures** of Epiciccum nigrum (086736

STRYCHNOS
notes on American species of **Strychnos.** XII 086506
Steud. Ex DC. **(Strychnos cinnamomifolia** 087429

STUBBLE
regarding cultivation of **stubble crops** on loe- 088325

STUDENTS
nesting solitary bees for **students** of **biology.** 090899
Education of Viet-**Namese students** & aspir- 085866
management game for high **school students-** 082094
Should veterinary **students specialize?** 085085
of education of **veterinary students** in herb d- 085106

STUMP
of new plants from **sugarcane stumps.** 088344

STUMPAGE
Sixty years' **stumpage prices** of softwood ti- 086194

STUNT
Chrysanthemum stunt virus in Belgium. 089367
A **necrotic stunt** of pea (Pisum sativum l.), 089333

STY
SEE PIGSTY

STYLETS
Stylets of six-**spotted** leafhopper, Macrostel- 090491

SUBALPINE
gravity of randomly sampled **subalpine fir.** 086263

SUBARCTIC
SEE ARCTIC

SUBCELLULAR
SEE CELLS

SUBCUTANEOUS
intracutaneous & **subcutaneous injections** of 085477

SUBERIN
on ultrastructure of **suberin forming** cells fr- 086830

SUBFAMILY
SEE FAMILY

SUBFOSSIL
SEE FOSSILS

SUBLETHAL
SEE LETHAL

SUBLITTORAL
SEE LITTORAL

SUBMERGENCE
acid by means of **submerged cultures** of Clav- 087556
of Aspergillus nidulans in **submerged liquid** 087421
Research on trunks of **trees submerged** in R- 086174

SUBMONTANE
stands in **submountainous** & **mountainous** ar- 086674

SUBSAMPLING
SEE SAMPLING

SUBSTITUTION
of some alkyl-**substituted alkoxyand** alkylth- 083125
Effect of **substituted alkoxycarbonylmethoxy** 087267
synergism by **substituted** 1,3-**benzodioxoles** 090191
Guar gum as a **substitute** for **commonly** used 083660
Establishing method for **deciding substitute** 082066
peptic sequence having a **substitution Glu/G-** 084154
Organization & use of **substitute labor** in fa- 082090
correlations for metaand **para-substituted** tri- 089585
markets towards 1980 by **substitute products.** 082331
Protein substitute by means of urea in feedi- 084527
Soya substitution can help stabilise feedstuff 082434

SUBSTRATE
of temperature, concentration & **substrate.** 083174
Substrate activation of beta-(13) glucan syn- 087844
for ruminants & **substrate** for **Aspergillus** f- 083880
Chemical effect of certain **bark substrates** on 088217
washing & **substrate concentration** on respir- 084873
phosphofructokinase **substrate cycle** in flight 090475
Relationship of **endogenous substrate** to spe- 087477
wound bed as a **substratum** for **epithelial** mi- 084334
Substrate freezing & thawing as a factor in 091691
Scopoletin: a **substrate** for an **isoperoxidase** 087822
Effects of **various substrates** on respiration, 084874

SUBSURFACE
SEE SURFACE

SUBTERRANEAN
species. [Arctotheca **calendula, subterranean** 089611
Rhizobium trifolii. **[Subterranean clover].** 087887

SUBUNITS
SEE UNITS

SUBURBS
Nut trees to grow in **suburbs.** 088692
Gardening in city or **suburbs;** what you can 088766
shrubs in forests of **Novosibirsk suburban** z- 088241

SUCCINIC
post-harvest application of **succinic acid** 2,2 088213
growth regulators SADH **[succinic acid-**2,2- 088902
post-harvest application of **succinic acid** 2,2 089571

SUCCULENTS
Cacti & **succulents** for **amateur.** [Cactaceae] 086425
Save succulents! a practical step to aid con- 086287

SUCKERS
time during day influences **chemical sucker** 087897
with hand-held equipment. **[Tobacco, sucker** 091472

SUCKING
of numberical strength of **blood-sucking** ticks 090885
Study on influence of **sucking insects** on ear- 089994
overload in weight gain of **sucking piglet.** 084614

SUCKLING
of regularly slaughtered **suckling calves.** [Te- 082865
Finishing **suckled calves.** 084392
Effects of **suckling & time** to mating after p- 084866

SUCROSE
indoleacetic acid & 14C-**sucrose** in **excised** a- 087940
detemination of **sucrose & fructose** in tobac- 083680
of gibberellic acid & **sucrose** on **growth** of o- 087841
enzymes involved in **sucrose metabolism.** [T- 088126
Quantity of **sucrose** in **sausages.** II. Experi- 083445
enzymic properties of **sucrose synthetase.** 087669
by cytochalasin B of **sucrose transport** in is- 087335
Sucrose transport at tonoplast. [Corn]. 087817

SUCTION
temperature & total soil **suction pressure** d- 091665

SUGAR
Sugar: leaner & dearer years ahead. 082663
Americans are eating more **sugar.** 082904
Chemistry of **sugar.** 083090
Sugar: leaner & dearer years ahead. 083685
et Doels wood in aqueous solutions of **sugars** 086116
Possible contribution of **sugars, amino** acids 083577
data concerning use of **sugar** in **animal** nurti- 084676
process of monogerm F1 hybrid in **sugar bee** 087000
economic evaluation of **sugar beet** gathering 082085
Sugar beet enterprise costs & returns. 082276
after harvest on quality of **sugar beet** seed. 083618
Water conservation in **beet sugar** industry. 083717

of drying process of **sugar beet** pulp. [Feed] 083878
supplementation of maize/dried **sugar beet** 084387
Dried **sugar beet** slices for fattengin pigs. 084686
triploidy in F1 hybrids of **sugar beet** varieti- 086838
of mono germ F1 hybrid in **sugar beet.** II. S- 087001
of soils in ponds fertilized with **beet-sugar** f- 087206
ponds enriched with wastes from **beet sugar** 087207
in a pond polluted with **beet sugar** factory 087208
neutron meter on barley, beans & **sugar beet** 087587
Response by **sugar beet** to soil dressings & 087781
Studies on bolting & flowering of **sugar beet** 087783
photosynthesis of **sugar beet** plants. 087784
respriation of leaves of **sugar beet** under co- 087840
Studies on "**sugar beet** nursing plant". 1. O- 088427
pot in transplanting culture of **sugar beet** on 088431
after harvest on quality of **sugar beet** seed. 088432
Sugar beet cultivation on converted upland f- 088433
Variety microtrials with **sugar beet** in 1971 088505
on occurrence of rhizomania in **sugar beet** in 089114
methods of Rhizoctonia solani on **sugar beet** 089120
Studies on rhizomania of **sugar beet.** 3. On 089121
between parasitic stage of **sugar beet** by Po- 089122
Investigation on perfect stage of **sugar beet** 089174
on pelleted monogerm **sugar beet** seed. [Fu- 089258
virus titres in roots & leaves of **sugar beet.** 089403
R.B. [International Institute for **Sugar Beet** 089498
on pelleted monogerm **sugar beet** seed. [Fu- 089946
Field trials with **sugar beet** seed treated with 089976
Universal spray attachment for **sugar beet.** 091385
of operations in growing of **sugar-beet.** 091431
of soils in ponds fertilized with **beet-sugar** f- 092291
ponds enriched with wastes from **beet sugar** 092292
Dried potatoes & dried **sugar beet** pulp as e- 084691
equipment for potatoes & **sugar beets** for fo- 083814
different types of trisomics in **sugar beets.** 087002
by gamma irradiation in **sugar beets.** 087003
Study on growth acceleration of **sugar beets.** 087785
A study of anther culture in **sugar beets.** 087786
plant yield. [Corn, **sugar beets,** East Germa- 088326
with monogerm genetic types of **sugar beets** 088415
Studies on succession cropping of **sugar beets.** 088426
Study on cultivation method of **sugar beets** 088428
in transplanting culture of **sugar beets.** 088429
on non-thinning cultivation of **sugar beets.** 088434
between stand & root yield of **sugar beets** in 088435
transplanting system of **sugar beets** using m- 088436
Studies on succession cropping of **sugar beets.** 089115
to paper-pot seedlings of **sugar beets.** 1. effe- 089116
Studies on root rot of **sugar beets.** I. Patho- 089118
*** 089120
Studies on rhizomania of **sugar beets.** 4. On 089122
aspects of Cercospora control. [**Sugar beets,** 089171
histological research on roots of **sugar beets** 089250
Remarks on rhizomanio of **sugar beets** [Fum- 089506
through nitrogen management. [**Sugar beets**] 089567
Round shaped silo for **sugar beets** in a sugar 091302
between stand & root yield of **sugar beets** in 091386
plant yield. [Corn, **sugar beets,** East Germa- 091493
Use of humic acids in culture of **sugar beets** 091844
on growth acceleration of **sugar beets.** 091921
Changes in content of **blycogen, sugars,** nucl- 090231
Agroindustry of **sugar** in **Brazil.** 082531
molasses: a new product from **sugar cane.** 083666
to feed mixtures with **cane sugar** in broiler f- 084452
to feed mixtures with **cane sugar** in broiler f- 084453
Supplements of **cane sugar,** methionine, thr- 084454
Supplements of **cane sugar,** methionine, thr- 084455
Effect of drought on **sugar cane.** 087763
D on yield & quality of two **sugar-cane** varie- 088526
Problems of **sugar-cane** production in Sudan 088544
Effect of drought on **sugar cane.** 089512
D on yield & quality of two **sugar-cane** varie- 089727
date & different cycles of **sugar-cane** on infe- 089955
Susceptibility of certain **sugar-cane** plant va- 089956
chromatography of **sugar components** of sap- 087561
pear-varieties with **sugar-concentration,** time 088104
dating from derivatives of **sugar cone** (hone- 084431
quantity of nectar & its **sugar content.** 087865
transition of root yield & **sugar content** in s- 088426
amount of fertilizer to **sugar content** & quali- 088428
transition of root yield & **sugar content** in s- 089115
Helminthosporium leaf spot & **sugar content** 089240
virus diseases on yield & fruit **sugar content** 089350
Helminthosporium leaf spot & **sugar content** 091964
soil temperature & plant yield. [**Corn, sugar** 088326
industry--pharmaceuticals, **corn, sugar.** [Was- 092444
on exudation of sugars & **sugar derivatives** f- 087838
urea supplementation of maize/**dried sugar** 084387
Dried sugar beet slices for fattengin pigs. 084686
Dried potatoes & **dried sugar** beet pulp as e- 084691
with wastes from beet **sugar factories.** [Pola- 087207
in ponds fertilized with beet-**sugar factory** 087206
in a pond polluted with beet **sugar factory** 087208
Macrobenthos of ponds with **sugar factory** 090871
in ponds fertilized with beet-**sugar factory** 092291
Domestic & **foreign sugar** markets. [Brazil] 082338
Sugars formed during irradiation of maize s- 083668
mosaic virus diseases on yield & **fruit sugar** 089350
Effect of variability in **sugar granulation** on 082713
supersaturation of **industrial sugar** solutions. 083562
of bagasse-a bye-product of **sugar industry**--a 083098
Situation of **sugar industry** between 1938-1 083561
Power economy of **sugar industry** in campai- 083563
Rheomat" control system. [**Sugar industry**] 083682
or induced draft operation? [**Sugar industry**] 083688
Water conservation in beet **sugar industry.** 083717
New directions for **sugar law** No. 1266. 082532
II. Effect of changes in **sugar level** in leaves 089112
Production of **liquid sugar** in four European 083684
of pre-carbonatation. [**Sugar manufacture**]. 083585
between yellow birch & **sugar maple** seedlin- 086026
Sugar maple, a wealth. [Acer saccharum]. 086056
Domestic & foreign **sugar markets.** [Brazil] 082338
Supplements of cane **sugar, methionine,** thr- 084454
combinations on pelleted **monogerm sugar** b- 089258
Nondialysable sugar peptide fraction of bov- 084027
in content of blycogen, **sugars, nucleic** acids, 090231
Sugar nucleotide inhibition of UDP [uridine 087976
Nondialysable **sugar peptide** fraction of bov- 084027
shaped silo for sugar beets in a **sugar plant** 091302
Composition of **sugars** of **potato** starch wast- 083771
in animal nurtition. II. **Sugar** in **rations.** 084676
Study of different energy sources (**raw sugar** 084707
pattern of free amino acids, **reducing sugars** 088071
Sugars, relative water content, & growth aft- 088255
of problems concerning **residual sugar.** [Win- 083818
Structural functions of taste in **sugar series:** 083142
growth, dry weight changes & **soluble sugars** 087685
supersaturation of industrial **sugar solutions.** 083562
decolorization of technical **sugar solutions.** 083683
Sugars from **Sphacelia** sorghi honeydew. 089028
of calcium on exudation of **sugars** & **sugar** d- 087838
on decolorization of **technical sugar** solutions 083683
Effect of **various sugars** on development & w- 090640

SUGARBEETS

places, trials in 1971 & 1972. [**Sugarbeets**]. 088367
On labor-saving cultivation of **sugarbeet.** 2. 088430
of curly top virus preparations. [**Sugarbeets**] 089372
years of progress of **sugarbeet culture.** 088514
energy pattern. [**Sugarbeet processing**]. 083687

SUGARCANE

a water table level on growth of **sugarcane.** 087762
Mechanical harvesting of **sugarcane.** 088359
moong, a profitable intercrop in **sugarcane.** 088373
against red rot disease of **sugarcane.** [Collet- 089086
A summary on insect pests of **sugarcane.** 089860
Mechanical harvesting of **sugarcane.** 091327
a water table level on growth of **sugarcane.** 091638
with drip irrigation for **sugarcane.** 091897
phytotoxicity to **sugarcane** in South **Africa.** 089562
molasses toxicity" in Cuba. [**Beef, Sugarcane,** 084698
Sugarcane borer control on sugarcane in L- 089922
Save **sugarcane crop** from Pyrilla. 089944
basis of resistance of **sugarcane** to **eyespot** d- 089157
Sesamia inferens Walker at **sugarcane field** 089935
techniques developed by **sugarcane industry** 092124
Thielaviopsis paradoxa **infecting sugarcane** 089166
scitaminea in **sugarcane** in **Okinawa** Prefect- 089262
system. [Conoderus exsul, **sugarcane pests**] 089925
seedlings in **sugarcane plantation.** 088608
of new plants from **sugarcane stumps.** 088344

SULFATE

Ammonium chloride & **ammonium sulfate** in 084563
Effect of methionine & **ammonium sulfate** u- 084568
Ca [calcium] from Ca45 S04 [**calcium sulfate**] 091695
control of efficacy of oral **quinidine sulfate** in 085661
crops for application of **zinc sulphate.** 087665

SULFIDE

Ammonium sulphide as a pulping agent. II. 086233
of thiolignin during H2S [**hydrogen sulfide**] 086250
Use of a **sulfide ion** selective electrode to st- 087663

SULFITE

acetic acid during aerobic oxidation of **sulfite.** 089542
Study on **bleachable sulphite** pulps preparat- 086122
Sulphite inhibition of ATP [adenosine triph- 089541
cerevisiae) produced from **sulphite spent** liq- 084389

SULFONATE

EMS [**ethylmethane sulphonate**] induced s- 087042
from waste product, **lignin sulphonates.** 091819
cultivar K-22-1 by ethyl **methane sulphonate** 086863

SULFOXIDE

Dimethyl sulfoxide & amino acid analyses. 083549
Dimethyl sulfoxide (DMSO) & equine pract- 085132

SULFUR

red clover as influenced by **sulphur.** 087780
of soils strongly polluted with **sulphur.** 091709
in foods. I. Reaction with **sulphur amino** aci- 083138
Formation of volatile **sulphur compounds** du- 083581
Lime requirement of soils **containing sulphur** 092009
Role of **sulphur deficiency** in balance of ash 087736
Influence of **different sulfur** fertilizers on a- 091814
Mapping of **sulfur dioxide** immission & its u- 089566
Relative toxicity of **sulfur dioxide,** carbon di- 091123
moisture, nitrogen & **sulphur fertilization.** 083753
of phosphorus & **sulphur** on **growth** & sporu- 087407
of forms of **sulfur** in **mangrove** soils: Proof of 091478
Sulphur metabolism of Puccinia graminis f. 089109
methods on entry of **sulphur** into **pastures** g- 084224
their recovery of **sulfur** from **soils.** 088207

SULFURIC

A urea **sulphuric acid** method for simulatan- 083322
HNO [nitric acid]-H2S04 [**sulfuric acid**] di- 091557
chlorosis in plants with use of **sulfuric acid.** 091971

SUMMER

A feeding program for **summer.** [Dairy cattle 084393
of Christmas cactus during **summer.** [Zygoc- 088056
Biennials to sow in **summer.** [Plants]. 088733
Summer algal communities & primary prod- 086667
forming of yields of **summer barley.** 088504
Trees & shrubs for **summer bloom.** 088751
Flowers for **summer cottage.** 088719
Feed value of **summer crop** of forage grasses 083862
A **curious summer** flower. [Orobanche crena- 088673
of field-grown Rhizobia over **dry summer** pe- 087885
Summer fallowing helps establish cottonwo- 088462
A curious **summer flower.** [Orobanche crena- 088673
Summer-flowering bulbs. 088699
Three winter-**summer forage** systems for gr- 084623
Summer grove practices. [Citrus, plant prot- 089462
as annoyances in **summer homes.** 090177
Late **summer injury** of Korean Rhododendr- 089440
Summer jobs in ag careers. [Agronomy]. 081996
Summer lawn care. 088709
control of citrus red mite in **summer orange** 090054
nutritive value of **summer pastures.** 084406
grown Rhizobia over dry **summer period** in 087885
Influence of **summer & post-harvest** applicat- 088213
pastures in regions with **summer rainfall &** 088530
defoliation of grapevines in **summer season.** 089519
films on two insect pests of **summer squash.** 090013
buds by forest bursting in **summer** in **tropics** 088928
Three **winter-summer** forage systems for gr- 084623

SUN

operation pre-dries veneer under **sun.** 086275
Barns exposed to **sun.** [Cattle]. 091266
Method for **sun-drying** of vegetables in Gha- 083740

SUNFLOWERS

distribution in plant organism. [**Sunflower**]. 087649
Culture of **sunflowers.** 087678
sterols in Helianthus annuus. [**Sunflowers**]. 087832
aspects of development of **sunflower.** 088315
distribution in plant organism. [**Sunflower**]. 091788
Prospects for **sunflower** as an **arable** crop in 088443
of some varieties of **sunflowers** in **drained &** 088520
plant height in **sunflowers** with **growth** reta- 087724
of embryo sac of **sunflower Helianthus** annu- 086738
of embryo sac of **sunflower Helianthus** annu- 086739
Use of **sunflower proteins** in making bread. 083588
Rapeseed, sunflower, & soybean meal suppl- 084587
Evaluation of **sunflowers** for **resistance** to ru- 089237
Sunflower Romsun. 088339
invasion of **sunflowers** by **Sclerotium** batati- 089025
fractions obtained from **sunflower seeds.** 083655
of comparative study of **sunflower varieties** 088345
Sunflower varieties. 088487

SUPERMARKET

SEE MARKETS

SUPEROVULATED

SEE OVULATION

SUPERPARASITISM

Optimum superparasitism for mass breeding 089987

SUPERVISION

leaders. role of **agricultural supervisor** & tea- 081900
implications for **state supervisory** & teacher 081899

SUPPLEMENTS

of starch dissertations. 3. **Supplement.** 083217
Forest insect pests in Korea. (**Supplement** I 091031
of different amino **acid supplements** upon gr- 084454
Calorie supplementation of a hyproprotein d- 082969
Supplements of **cane** sugar, methionine, thr- 084454
Supplements of **cane** sugar, methionine, thr- 084455
Effect of **supplementation** of **carbohydrate** f- 084543
studies on high level **copper supplements** in 084507
Effect of **dietary supplement** of safflower oil 084606
grazing sheep & cattle. [**Dietary supplement** 084695
for scp. [microbial protein, **feed supplement**] 083900
Feed supplements for goats on pasture. 084628
Microlepidoptera of Wicken **Fen supplement** 090909
Supplement of **flora** of Ryukyu & Formosa. 086467
B12 **supplementation** to **hydrocarbon** yeast 084611
Treatment of **supplements** to **increase** prote- 084503
Supplement to **knowledge** of systematics of 086336
of level of meat & bone **meal supplements** on 084439
sunflower, & soybean **meal supplementation** 084587
Phosphorus supplementation for young cows 084702
acid as an energy & **protein supplement** for 084488
Rapeseed meal as a **protein supplement** for 084497
acid treatment of **protein supplement** for da- 084504
meal as complementary **protein supplements** 084506

ration with luquid **protein supplement.** 084534
n-propyl nitrate] **supplement** to low **quality** 084597
Ant larvae of six tribes: **second supplement** 090965
Sodium supplementation of broiler rations. 084467
Influence of **urea supplementation** of maize 084387
sheep perform well on **urea supplement.** 084677
of Chlorella paste as a **vitamin supplement** 084538

SUPPRESSION
Competitive & **allelopathic suppression** of u- 088304
Suppression of **armyworm** damage to no-till- 089915
ethylene production: **suppression** of **auxin** c- 088154
Suppression of **gushing** by use of hop oil. 083111
Oogenesis in **suppressor** of **hairy**-wing muta- 090598
Suppressing heat periods could make beef h- 084144
Pecan weevil: **suppression** of **larvae** with fun- 090029
Insecta, Collembola): **proposed suppression** 090917
Vespidae): **proposed suppression** under plen- 090919

SURFACE
Effect of **surface-active** agents on quantum r- 087287
Synthesis & testing of some **surface active** a- 089777
loss of ammonia from **surface-applied** urea on 091966
Wood protection & treatment of **surface area** 086146
Biomass & body-**surface area** of populations 091689
Estimates of tree size, **bearing surface** & yie- 088863
Biomass & **body-surface** area of populations 091689
study of development of **cell surface** & num- 086694
cycle affected by soil **surface conditions.** 091591
on interpretation of water **surface conditions** 092225
II. An observation of **surface deterioration** of 086183
microbicidal solutions as **surface disinfectan-s.** 085056
corrugated plastic **subsurface drains.** [Califo- 091260
acetate) in soil & on **surfaces exposed** to ligh- 089168
to study microorganisms on **surface films** fr- 091505
Phyllosphere fungi. III. Leaf **surface fungi** of 089275
runoff from universal **surface gage** snowmelt 092213
lagoon. I. settling down of **ground surface** in 092046
Pollution of **surface & ground** water. 092324
on Phyllosphere fungi. III. **Leaf surface** fun- 089275
tree species direct-seeded on **surface-minded** 086091
Surface mined land reclamation research in 092050
Fine sturcture of **pollen surface** of some Ta- 086823
fungicide preparation for **surface protection** 082855
nitrogen from plant residues on **soil surface** 091875
alcohol as a stabilizer of **surface soils.** 091985
Pasture establishment by **surface sowing** in 088470
A method for **surface-sterilizing** small plant 087621
Forecasting runoff from **universal surface** ga- 092213
Studies on interpretation of **water surface** c- 092225
Effects on **surface waters.** [Pollution]. 092454
paints for protection of **wood surfaces.** 086164

SURFACTANT
Surfactant application to water-repellent soi- 092019
deposition of **surfactant** in **premature** rabbit 084097

SURGERY
secretion from a duodenal cannula. [**Surgery** 084104
culture: petal duplication induced by **surgery** 087697
Recent advances in **abdominal surgery** in dog 085145
Severe **surgical alterations** caused by floor in 085786
fixation devices in small **animal surgery.** 085036
A **surgical approach** for repeated exposure of 085048
advancement in atraumatic, **aseptic surgery** 085122
Surgery for **bile** duct rupture & obstruction 085057
Mammary neoplasia. [**Surgery, bitches**]. 085043
Surgical correction of spinal fractures & lux- 085010
by means of **surgical decapitation** on skeletal 084247
Spinal **disc surgery** in dog. 085031
Surgery & diseases of bladder & urethra. [V- 085028
Diaphragmatic hernias. [**Surgery, dogs,** cats] 085029
Disc disease. [**Surgery, dogs,** cats]. 085032
Neoplasms of nasal cavity. [**Surgery, dogs**]. 085039
in brachycephalic breeds. [**Surgery, dogs**]. 085040
Surgery of **head** & neck: ear drainage (later- 085038
Surgically induced atrioventricular block wi- 085027
Surgery of **mammary** tumors. [Bitches]. 085030
Surgical preparation of a carotid loop in can- 085015
Surgical reconstruction for collapsed trache- 085034
Surgical removal of an aortic foreign body. 085084
Ova transplants **require surgery.** 085079
Severe surgical alterations caused by floor in 085786
Surgery of **skin** & adnexa: hygroma of elbow 085042
Spinal surgery. [Veterinary medicine]. 085037
Surgery of **stifle** & elbow joints. [Dogs]. 085011
Surgical technique for cardiac bio-instrumen- 085021
Surgical therapy of intervertebral disc disea- 085012
of blood vessel ligation. [**Veterinary surgery** 085123

SURPLUS
World dairy production again **shows surplus.** 082375

SURTI
Myometrial histology of **surti buffalo** uterus 084198
bicarbonate to fistulated **Surti buffalo** bulls 084556
on reproductive behaviour of **Surti buffaloes** 084828

SURVEYING
Perspectives on **faunistic surveying** of Finla- 091044
Surveying fertility of mares considering nu- 084924
Results of **location surveying** in Lower Sax- 085891

SURVIVAL
adaptive strategies for **economic survival** of 082006
Fertility & **embryo survival** after administra- 084928
anti-semen antibodies on **embryonic survival** 084846
Experimental survival studies of Sporothrix 082826
Survival of **field**-grown Rhizobia over dry s- 087885
Survival & function of bursa-derived cells in 084122
Estimation of **survival & growth** potentials of 086086
Longevity & **survival** of **honey** bee larvae on 091127
Growth & **survival** of **mulga** (Acacia aneura 087908
oestrous cycle, upon **survival & regression** of 084868
Mass selection for **seedling survival** in a shr- 087037
A study on **survival** of **Staphylococcus** aureus 082810
affecting germination & **survival** of **tree** spec- 086091
Survival versus growth of a facultattive psy- 083395
of crop & weed seeds: **survival** after 20 **years** 089749

SUSCEPTIBILITY
in monogenic resistant (Ht) & **susceptible** (089139
Susceptibility of **Aedes** albopictus mosquito 090439
method of **assessing susceptibility** of Hevea 089049
Genetic studies of **susceptibility** to **bacterial** 087039
On **susceptibility** of **bed** bug, Cimex lectular- 090235
Fire **blight susceptibility** of fruiting trees of 089300
Susceptibility of **Bombyx** [mori]-larva to s- 091178
Susceptibility of **certain** cotton varieties to 089954
Susceptibility of **certain** sugar-cane plant va- 089956
characteristics & **susceptibility** to **colicines** 085482
in resistant vs. **Susceptible cultivars** of Phas- 089066
aleae (Gmel.) & **susceptibility** of **different** ol- 090088
A kinetic study of **susceptibility** to **enzymic** 083582
Field susceptibility of cocoa mirid, Sahlberg- 089822
Inheritance of **susceptibility** for **infection** wi- 090296
photoperiod on **local susceptibility** of Nicoti- 089362
in resistant & **susceptible Lycopersicon** spp. 089316
Susceptibility of **oats** & gramineous crops to 089123
Studies on **susceptibility** of **poplar** leaf rust 089112
insecticides in **susceptible** & **resistant** strains 089874
of DDT-14C in **susceptible** & **resistant** popu- 089979
Variations in fruit-**rot susceptibility** of stra- 089026
Susceptibility of **Spodoptera** littoralis, Tetr- 089879
Brown **stain susceptibility** of selected lettuce 083700
clearance of cortisol by **stress-susceptible** sw- 084217
Noctuidae), to two **susceptible sweet** corn h- 090015
activity in resistant & **susceptible varieties** of 088989
wilt resistant & **susceptible varieties** of alfal- 089315
micelle structure: **susceptibility** of **various** c- 084227
as indicators of **susceptibility** of **various** mai- 089235

SUSPENSION
for commonly used **suspending agents.** 083660
into starch granules in **aqueous suspension.** 083216
biotransformations in **cell suspension** cultur- 087446
alizarin in intact plants & **cell suspension** cu- 087514
o-glucosyltransferase from **cell suspension** c- 087975
of protoplasts from **cell suspension** cultures 088177
metabolism in **cell suspension** cultures from 087971
content of embryo proper & **suspensor cells** 086746
Effect of **Chlorella suspension** on milk outp- 084539
excised barley roots from **clay suspensions** 087660
Paul's Scarlet" rose **suspension culture** cells 086809
of tobacco tissue in a **suspension culture.** 087692
cells grown in sterile **suspension culture.** 087710
on carotenoid content in **suspension culture** 087738
in cell **suspension cultures** of Ruta graveole- 087446
of progesterone by **suspension cultures** of D- 087510
in intact plants & cell **suspension cultures** of 087514
metabolism in cell **suspension cultures** from 087971
from cell **suspension cultures** of parsley. 087975
of protoplasts from cell **suspension cultures** 088177
technique in **suspension** of **isolated** chloropl- 087381
Organic solvents as pollen **suspending media** 087030
Defoaming & deaeration of **pulp suspension** 086212
from "Paul's Scarlet" **rose suspension** cultu- 086809
root cells grown in **sterile suspension** culture 087710
of a heated wheat starch-**water suspension.** 083545

SUTURE
catgut, silk & "vetafil" as **suture materials** in 085081

SWAMP
New program aimed to reduce **swamp fever** 085497
Mountain **swamp gum,** Eucalyptus camphora 086363
Swamp peppermint, Eucalyptus rodwayi R. 086358

SWARD
performance in field **sward conditions.** 087772
Effect of defoliation & **sward density** on gr- 089611
of some species in **sward** of **reclaimed** & cul- 087812

SWARMS
Engorgement of **swarming worker** honeybees 091161

SWEAT
on fine structure of **bovine sweat** glands. 084296
Effect of egg **shell sweating** on microbial sp- 082829

SWEET
Sweet cherry fresh market--how to do it bet- 082448
avium L. cv. Royal Ann'. [**Sweet cherry**]. 087933
Proper crown treatment of **sweet cherry.** 088853
beech Fagus sylvatica & **sweet chestnut** Cas- 086052
Sweet corn. 088668
Noctuidae), to two susceptible **sweet corn** h- 090015
of nutritive efficiency of **sweet lupine** (Lupi- 084436
Developmental trends in **sweet milk** drinks 083342
of fruit bud differentiation in **sweet orange** 088197
Studies on granulation in **sweet orange** (Cit- 088198
Storing **sweet oranges** better way. 083754
Sweet peas for your garden. [Lathyrus odor- 088627
studies on tobacco pith & **sweet potato** root 087849
derived from tuberous roots of **sweet potato** 088215
Ell. e Hals) Harter on **sweet potato** (Ipomea 089101
Sweet potato vein mosaic virus in Argentina 089373
of nitrogen on yield of **sweet potato.** 091869
of production & processing **sweet potatoes** in 083815
on stalk yield & juice quality of **Rio sweet** s- 087731
Culture of **sweet sorghum** for syrup product- 088534

SWEETCLOVER
SEE CLOVER

SWEETGUM
Laboratory germination of **sweetgum** at **high** 086005

SWEETPOTATOES
type & breeding of **sweetpotato adapted** to d- 086988
Sweetpotato as **feed** in swine raising. 084473
Sweetpotato periderm failure in response to 088064
materials for direct **planting sweetpotato.** I. 086989
of interplanting of **sweetpotato seedlings** in 088608

SWELLING
compresses cotton samples during **swelling.** 083672
Swelling behaviour of lamellar phases of sat- 083152
of gypsum treatment on **swelling** of **natural** 091746
Analysis of **shrinkage, swelling,** & twisting of 086120
of irrigation & drainage of **swelling soils.** 092187
properties of wood in **swelling systems.** I. V- 086186

SWINE
cuts as a measure of carcass merit in **swine.** 083408
Heat treating soybeans for **swine.** 083897
Advantages of outdoor rearing of **swine.** 083949
development in course of weight loss. [**Swine**] 084021
in mixed lymphocytic culture in **swine.** 084024
glucose level during copulation in **boar.** 084034
activity from porcine pancreas. [**Swine**]. 084094
various hematological criteria of **swine.** 084138
Sexual odor development in **boars.** 084147
14-meV neutron irradiation of **swine;** dosime- 084156
Chelated trace minerals for G-F **swine.** 084223
sex glands & sexual behaviour of **boar.** 084271
Can inverted nipples be functional? [**Swine**] 084328
Keys. II. Colloid-osmotic pressure in **swine.** 084336
erythrocyte sedimentation rate in **swine.** 084343
to urea values in blood sera of **swine.** 084356
Vitamin E & selenium relationships in **swine** 084409
fat distribution in boars, barrows & **gilts.** [E- 084490
meal as a protein supplement for **sows.** 084497
for economy in improvement. [**Swine**]. 084518
carcass traits in an unselected line of **swine** 084564
carcass characteristics of **swine.** 084565
on growth & feed utilization of **swine.** 084646
with non-debittered rapeseed meal. [**Swine**] 084652
with mixed litters & littermates. [**Swine**]. 084663
characteristic & economic rearing of **sows.** 084666
Pellet feeding of **swine.** 084700
from feed on reproduction of **sows.** 084715
a supply for increasing fattening of **swine.** 084732
Crossbreeding--echo sounding results. [**Swine**] 084749
Swine: feeding & managing gestating sows. 084785
Successful crossbreeding. [**Swine**]. 084787
for early pregnancy diagnosis in **swine.** 084845
of purebreds & two-breed crosses in **swine:** f- 084850
echo sounding resullts. [**Swine**]. 084933
Yorkshire-- breed & its future. [**Swine**]. 084935
clinical findings after hysterotomy in **sows.** 085064
re-entrant ileocecal cannulation of **swine.** 085090
Vesiculose disease of **swine;** its appearance in 085181
polymorphonuclear leukocytes from **swine.** 085307
to transmissible gastroenteritis of **swine** (T- 085310
metritis-agalactia complex (MMA) in **swine** 085332
examination of a purulent disease in **swine.** 085412
Gastro-intestinal diseases of **swine.** 085438
of studying infectious pathology of **swine.** 085447
Corynebacterium suis in **swine.** II. 085469
parahaemolyticus] pleuropneumonia in **swine.** 085498
parahaemolyticus] pleuropneumonia in **swine.** 085499
for treatment of necrotic enteritis in **swine.** 085515
with inhaled plant material in **swine.** 085564
anemia must use routine measures. [**Swine**] 085731
surgical alterations caused by floor in **swine** 085786
Farrowing & nursery building for **swine.** 091296
of complex immunization of **swine against** a- 085449
postvaccinal (Kilapin) immunity **against hog** 085548
ten years of delay, return to **swine artificial** 084813
muscle & fat distribution in **boars, barrows** 084490
Prices of **breeding sows** in upward trend? 082302
Change over to **breeding sows.** 084947
Natural illumination of **swine-breeding** hous- 091285
of meatiness & fattiness of **swine carcasses.** 082784
as an index of meatiness of **swine carcasses** 083446

from high & low cutability **pork carcasses.** 083458
develop husbandry? [Poultry, **swine, cattle**] 083939
to detect antibiotic residues. [**Swine, cattle**]. 084364
Incidence in Iowa. [**Cattle, swine**]. 085386
Kilapin) immunity against **hog cholera** in w- 085548
Poultry & **swine -competitors** on market. 082427
vitamin "A" given to **sows** on **concentration** 084339
should know about **swine confinement.** 083958
of feeding roasted soybeans on **cured pork** p- 082800
loins from high & low **cutability pork** carcas- 083458
Enterovirus infection of **swine** with **damage** 085425
on litter size of **swine** at 70 **days** of gestation 084836
Swine Development Center. 083995
in a growing-finishing (G F) **swine diet.** 084728
culture in growing-finishing **swine diets.** 084579
in oviduct structure in **sows** of **different** age 084361
aberrations in aneuploid vs. **diploid swine** le- 084292
Swine diseases--diagnosis & prevention. 085099
near Zagreb: fecundity of **sows** of **dutch** La- 084745
prevention & treatment of **swine dysentery.** 085203
microscopic observations on **swine dysentery** 085213
Effect of feeding ergot to **gilts** during **early** 084468
XIII. Immunizing antigen. [**Swine erysipelas**] 085236
sexual tract cattle & **swine** on **erythrocytes** 084345
pregnant dam on their progeny. [**Ewes, sows** 084682
Bacteriological evaluations of **swine exposed** 085387
Swine farm of PIK "Sljeme, SSvete, near Z- 084745
Fattening swine with skim milk, whey & bu- 084519
Amino acid requirements of **fattening swine** 084638
gain & feed conversion in **fattering swine.** 084341
impregnation of **sows** & on their **fecundity.** 084746
conversion & carcass traits of **swine fed** und- 084580
Inspection of **swine feed.** 083908
Approved additives for **swine feed.** 084633
requirements & level of **feeding sow.** 084403
of cottenseed meal in **swine feeding.** 084416
in utilization of **gilts** from **feedlots** for breed- 084950
Swine fever. 085338
yeast culture in growing-**finishing swine** diets 084579
daily sperm producttion of **boars** of **German** 084982
Effect of chlorpropamide on **gravid swine** & 084848
Cadmium toxicity in **growing swine.** 085784
dam on their progeny. [Ewes, **sows, hens**]. 084682
days originating from **immune sows.** 085548
Direct influence of **boar** on **impregnation** of 084746
tested for Swedish **swine improvement.** 084934
proteins in cattle & **swine** by **indirect** meth- 084336
knowledge of fertility of **boars** in **industrial** 084959
Fertility of **infantile sows** after hormonal st- 084963
free amino acids of **swine** as **influenced** by d- 084581
of sexual development in **juvenile boars** of 084979
enzymes in **swine** of **Kemerovo** & Landrace 084317
Lysine requirement of **lactating sow.** 084569
in raising Belgian **Landrace swine** in Italy. 084932
Ideal program for nutrition of **lean swine.** 084516
in aneuploid vs. diploid **swine leukocytes.** 084292
of group E streptococci in **swine leukocytes.** 085307

distribution of iron & coppe r in **swine liver.** 085309
Swine management in Kalmar County. 084029
Swine marketing in Sweden. 082650
ovary of prepubertal & sexually **mature gilts** 082311
prudent work of Zerbst "**Meat Swine**" coop- 084386
Pyruvic & lactic acid content of **swine meat,** 082129
contracts for dairy cattle & **swine mixed** feed 083400
At Nine: Too **much pork,** not enough beef. 082478
responses induced in **neonatal swine** by nor- 082551
insemination of **swine** in **Netherlands.** 084321
from immune & **nonimmune swine.** 084830
roasted soybeans on cured **pork palatability** 085308
Further studies with **boars** as **potential** mar- 082800
tissues: collaborative study. [**Poultry, swine**] 084489
additives administered to **pregnant sows** on 082685
its metabolites in **pregnant sows** & their pr- 084667
A growth stimulant for **swine presents** itself 090347
tylan in feed of **swine** & **prevention** of dysen- 084619
Environmental factors in **swine production;** 085544
follicular development in **puberal gilts.** 083985
Induction of parturition in **swine** & **rabbits** 084840
conditions & direction of **swine raising** in J- 084841
Systematization & practice in **swine raising.** 082099
Present situation of **swine raising** in Japan. 082100
conditions & direction of **swine raising** in J- 082329
Systematization & practice in **swine raising.** 083922
Sweetpotato as feed in **swine raising.** 083926
on investment limitation for **swine rearing** e- 084473
of animals for reproduction in **swine rearing** 082201
of breeding program in **swine rearing.** [East 084774
Mechanization in **swine rearing.** 084940
conventionally & microwave **reheated pork.** 091441
Swine semen buffering systems. 082957
flushing on performance of sows with **short** 084757
use of nitrovin/Payzone for **slaughter swine.** 084834
nitrovin in feed of **slaughter swine.** [Feed a- 084630
growth regulators in feed of **slaughter swine** 084634
of peritoneum in a **slaughter swine.** 084635
Cysticercosis in cattle & **swine slaughtered** 085721
Biennials to **sow** in **summer.** [Plants]. 085551
of cortisol by stress-**susceptible swine.** 088733
Yorkshire swine tested for **Swedish swine** i- 084217
of treatment of **sows** with **thiabendazole** on 084934
Sow thistle in field. [Sonchus, weeds]. 085536
089698

Why **swine tuberculosis** is a problem to Iowa 082788
Incidence of **swine tuberculosis** in Iowa. 085385
of nipple numbers in **swine** at **University** of 084810
of spread of coccidiae in **swine** in **vicinity** of 085546
to spread of flagellates in **swine** in **vicinity** of 085552
Processing of **swine waste.** 092386
control of seedling disease of **water-sow-** 089062
and-thawed meat in pale, **watery pork.** 083493
English **Yorkshire swine** tested for Swedish 084934
pneumonia & enteritis of **young swine.** 085456
of white muscle disease in **young swine.** 085689

SYCAMORE

associated cells of Robinia & **sycamore.** [Pla- 086813
germination testing of **American sycamore.** 086004
On bionomics of **sycamore fig** psyllid Pauro- 090159

SYMBIOSIS

Taungya--exploitation or **symbiosis?** (with p- 085844
Particular cases of seed fungi. [**Symbiosis**]. 087601
Taungya--exploitation or **symbiosis?** (with p- 088480
live with inheritance of their **symbionts.** 090830
Proof of a **symbiotic intracytoplasmic** micro- 090415
of mycetocytes & **symbiotes** of **pea** aphid, A- 090687

SYMPATRY

Genetic **differentiation, sympatric** speciation 086855

SYMPHYLA

Garden symphylan: comparison of row & br- 090034
Biology & control of **garden symphylan.** [Sc- 090067

SYMPHYTA

Karyological studies in **Symphytum** L. 086833
Mt. Hiko, Kyushu (**Hymenoptera, Symphyta.** 091005

SYMPIESIS

grisescens, Eriborus **terebrans, Sympiesis** vi- 089859

SYNANTHROPIC

Relationship of **synanthropic flies** to small 090221

SYNAPSIS

during & after **synapsis** in **cultured** microsp- 086969

SYNCHRONIZATION

gracilis Z during **synchronous culture** on lac- 087562
in division **synchronized cultures** of Euglena 087544
research on **synchronization** of **estrous** cycle 084761
Synchronization of **estrus** & ovulation in ma- 084837
on research work on **estrus synchronisation** 084978
ovulation time **following synchronization** of 084847
acetate for **synchronisation** of **heat.** 084889
repairs activities in **synchronous meiotic** cyc- 086767

SYNDROME

for determining cattle **adaptation syndrome** 084313
Horner's **syndrome** in a **cat** following cervic- 085749
Acute **colitis syndrome** colitis "X". [Horses] 085739
Hemorrhagic syndrome in poultry. 085682
Kranz syndrome in Gramineae as indicated 088321
urethritis, urethral **obstruction syndrome.** 085607
A **particular syndrome** of respiratory system 085806

SYNECHOCOCCUS

a blue-green alga of **genus Synechococcus.** 089424

SYNERGISM

Synergism between **auxins** & phenolic comp- 088073
Carbaryl synergism by substituted 1,3-benz- 090191
Synergism of **different** insecticides against 089877
Mechanism of a **synergistic effect** of kinetin 088154
Synergistic effects of testosterone & oestrog- 084271
Synergism between **Fusarium** spp. & cucum- 089176
Synergism between 4-**hydroxyquinoline** & p- 085405
Synergism of **iron** & copper in process of ab- 082902
Synergism of **synthetic** mixed isomers of ju- 090196
in chicken. I. **Synergism** between **thymus** ce- 085318

SYNTHESIS

acid & ribonucleic **acid synthesis** during cell 087541
Nucleic **acid synthesis** in nurse cells of Rhy- 090595
of infused glutamine on uric **acid synthesis** in 084599
Polyriboadenylate **synthesizing activity** in c- 087680
Synthesis of **aldehydes** & acetals by yeasts 083696
Characterization & **synthesis** of **anacystis** ri- 087259
Stimulation of **chlorophyll synthesis** in cuc- 087997
Synthesis of **cis**-4-alkenoic acids isolated fr- 083190
Synthesis of one **decade** of phenologie studi- 085855
activity. XVI. **synthesis** of **derivatives** of ox- 090230
of some 2,6-**dihydroxydibenoylmethanes** & e- 088296
morphology & nucleolar **DNA synthesis** dur- 084120
DNA synthesis in relation to chromosome p- 086770
Analysis of **DNA synthesis** during meiotic p- 086771
II) on **DNA synthesis** & mitosis in Physar- 087629
Plant hormones & **DNA synthesis:** evidence 088174
of hormonally controlled **DOPA synthesis** in 090638
Enzymatic synthesis of a hydroxy fatty acid 087679
esculentum on **synthesis** of **ethylene.** [Toma- 090070
Time of **synthesis** of **genes** for ribosomal rib- 086870
Action of **synthesis hormones** (ecdysterone 090414
of osmotic regulation of **hydrolase synthesis** 087682

on mechanism of oxygen-**induced synthesis** of 087367
Effects of protein **synthesis-inhibiting** antibi- 090511
Neurospora by protein **synthesis inhibitor** a- 087100
holstii) a possible step in **mannan synthesis** 087270
Isolation & **synthesis** of N-**methyl**-4,7,8-tri- 087617
Biochemistry of **synthesis** of **milk** fat. 083283
Synthesis of **model** molecules of omega-chlo- 087591
triphosphate] **synthesis** during **monoor** bich- 087687
De **novo synthesis** of soluble & mitochondri- 087038
De **novo synthesis** of L-phenylalanine amm- 089046
cloride on content & **synthesis** of **nucleic** ac- 088029
Synthesized pheromone of queen substance 091188
Polyriboadenylate synthesizing activity in c- 087680
of system analysis & **synthesis** in **process** of 082485
Inhibition of **protein synthesis** in meiotic ce- 086768
state in Neurospora by **protein synthesis** inh- 087100
on respiration **protein synthesis** & adenosine 087551
of barley: Inhibition of **protein synthesis.** 087682
Protein synthesis during meiosis. [Lilium]. 088069
vulgaris. IV. Patterns of **protein synthesis** in 088164
Protein synthesis in cotyledons of Pisum sat- 088173
Effects of **protein synthesis**-inhibiting antibi- 090511
in vitro studies of rna **protein synthesis.** 090598
protein systhesis, ribosomal **RNA synthesis,** 087341
Stimulation of **RNA synthesis** in Cicer arriet- 088041
RNA synthesis in polytene salivary glands of 090510
neurohormonal regulation of **RNA synthesis** 090850
VII. Essay of **synthesis situation** of wings of 091093
Synthesis & **stability** of ribosomal RNA in b- 087368
Enzymic mechanism of **starch synthesis** in r- 087669
of holantogenin. **Stereospecific synthesis** of 087592
Synthesis & **testing** of some surface active a- 089777
tecnhically practical **total synthesis** of Cecr- 087215
Total synthesis of (+)-decaline. [Decodon v- 087609
moth ovaries: sites of **synthesis, transport,** 090593
pinene exposure on trans-**verbenol synthesis** 090750

SYNTHETASES

Fatty **acid synthetase** activity in Euglena gr- 087268
activation of beta-(13) **glucan synthetase** & i- 087844
enzymic properties of **sucrose synthetase.** 087669

SYNTHETICS

Garden insect control without **synthetics.** 089844
acids, their sodium **soaps** & **synthetic amino** 084684
Curculionidae), of a **synthetic analogue** of ju- 090107
bioflavonoids & **synthetic antioxidants** in fo- 082803
Supply of glass **synthetic bottles** in dairy in- 083265
On effect of **synthetic copolymer** Curasol AE 092053
Bombyx mori, on semi-**synthetic diets,** with 091177
Use of **synthetic fatty** acids, their sodium so- 084684
Use of **synthetic feed** additives in livestock 084484
Influence of use of **synthetics** on **future** of 083475
Supply of **glass synthetic** bottles in dairy in- 083265
Use of **synthetic ion** exchangers to increase 091976
Effects of **synthetic juvenile** hormone analo- 089909
Response to selection in **synthetic lines** of 090465
in bulls treated with **synthetic luteinizing** h- 084218
Natural & **synthetic materials** with insect h- 090230
experience on use of **synthetic materials** in i- 091361
Application of **synthetic materials** to field d- 091367
Application of **synthetic materials** in irrigat- 092135
Application of **synthetic materials** to field d- 092139
Use of **synthetic materials** in irrigation & d- 092141
of global migration of **synthetic matter** in fa- 083057
Synergism of **synthetic mixed** isomers of ju- 090196
acid proteinases for **synthetic peptices.** II. E- 087230
acid proteinases for **synthetic peptides.** I. Pr- 087229
by brief exposures to **synthetic pheromone** 090690
Effects of a **synthetic preparation** of gonado- 084865
Biological value of **synthetic protein** carriers 082924
Synthetic proteins: impact on agriculture. [082654
Synthetic pyrethroids: their possible role in 089828
of silkworm, Bombyx mori, on **semi-synthet-c** 091177
Use of **synthetic sex** attractant of larch bud 090117
On effect of **synthetic soil** conditioners on s- 091492
Use of **synthetic soil** conditioners in 1950's 091889
with inbreeding in a **synthetic variety** of ma- 086898

SYRPHIDAE

on stored onion bulbs (Diptera: **Syrphidae).** 090182
flies of Meijendel (**Diptera, Syrphidae).** 090991

SYRUP

dosage of iron in wine, tomato juice & **syru-s** 083757
Iron-fortified **syrup blends:** preparation, cha- 083613
thickening agents as well as **gelling syrup** for 083255
of sweet sorghum for **syrup production.** 088534

SYSTEMATICS

SEE TAXONOMY

SYSTEMIC

pathological changes in **acute systemic** anap- 085069
Selectivity of & resistance **against systemic** 089050
by Botrytis cinerea **against systemic** fungici- 089156
Systemic chemical treatment for Dutch elm 089149
injection technique for **systemic chemicals.** 089233
Evaluation of **different systemic** & non-syst- 089077
"benlate", a new **systemic fungicide.** [Cherri- 089067
hydrolysis products of **systemic fungicide,** b- 089105
aspects of using **systemic fungicides.** 089052

aldicarb: effects of **systemic fungicides** on th- 089108
yl carbamates. [**Systemic fungicides,** Cotton 089169
aldicarb: effects of **systemic fungicides** on th- 090352
Ceroplastes ceriferus, with **granular, system-c** 090014
Incidence, systemic nature, & spread of pear 089391
gossypii to **systemic** action of **insecticides.** [089879
of celery with **systemic** & **nonsystemic** fungi- 089212
Systemic salmonellosis in foals. 085504

TABANIDAE
deer flies of New York **(Diptera, Tabanidae)** 091030
stages of some eastern **Nearctic Tabanidae** 090568
stages of some eastern **Nearctic Tabanidae** 090967

TABANUS
Tabanidae (Diptera). III. **genus Tabanus** Li- 090568

TACHINIDAE
of winthemia occidentis (Diptera: **Tachinidae)** 090105
bisignata Meig. **(Diptera, Tachinidae)** para- 089796
New data on **tachina flies** in Fergana valley. 090883

TACHYCINES
Tachycines **(Tachycines)** meditationis n. sp., 090938

TAENIA
on prenatal infections with **Taenia ovis** in l- 085257

TAENIORHYNCHUS
SEE AEDES

TAGGING
of 32P [phosphorus] **tagged adults** in field. 089924

TAIGA
of pine renewal in north-**taiga logging** areas 085999

TAIL
smears of capillary blood from **bovine tail.** 085169
by ethyl methane sulphonate. [**Fox tail** mill- 086863
New accessory tubule patterns in **sperm tail** 090717

TALLOW
in a whole-milk diet by either **beef tallow,** c- 084460
of increasing amounts of **dietary tallow** on 084584
Development of **edible tallow** fractions for s- 083457

TAN
Tan necrotic (nec-E409). [Corn mutant]. 087036

TANKS
against silage runoff. [Silos, **effluent tanks]** 091244
flora of White **Tank Mountains** Regional Pa- 086356

TANNING
Water quality aspects of **tannery effluents** d- 092300
control of eclosion & of **tanning** in **tobacco** 090671

TANNINS
Tannins of **herbaceous** Leguminosae. 088150
Investigations on **hop tannins.** II. 083041
Relationship between **tannin levels,** rat gro- 084559
of astringents for protein. [**Vegetable tannin** 088093

TAPE
An utilization of **portable tape** recorder to a 085905
Video **tape reinforces** learning. [Extension 081930

TAPEWORM
Tapeworm control also in sheep? [Moniezia 085434
naturally invaded by **tapeworms** of **Moniezia** 085556
A survey of **tapeworms** in **rural** dogs in Tas- 085250

TAPHRINA
Chemical mutagenesis in **Taphrina maculans** 087183

TAPPING
Effect of **tapping** on **growth** of Siberian pine 088239
Production of seed from **tapped** & **untapped** 086032
Tap-water & unfiltered air as sources of err- 086319

TARAXACUM
SEE COMPOSITAE

TARDIGRADA
Tardigrada in **High** Tatra localities bare of 090933

TARIFF
up to date register of lands; **added tariff** on 082236

TARO
of Colocasia to fertility levels. **[Taro].** 088768

TARSONEMIDAE
Strawberry mite. **[Tarsonemus pallidus].** 090017

TASTE
pattern of green tea with its **palatability.** 083159
hydrocolloids on oral viscosity & **basic taste** 083154
Bitter taste of beer. 083044
Palatability & **colorimetric** characteristics of 082916
Palatability of **ground** beef home frozen & s- 082750
What makes **lamb taste** like lamb? 083477
Taste & **odor** of water to be used for drinki- 092228
roasted soybeans on cured **pork palatability** 082800
of beer; chemistry & **taste properties** of some 083119
Gustatory sense in fetal sheep during last th- 084864
Extraction of aromatic & **taste substances** f- 083840
Structural functions of **taste** in **sugar** series: 083142

TAXATION
Finance official & apiculture. **[Taxes].** 082239
Accounting for VAT. [Valued **Added Tax].** 082121
Value **added tax** & farmer. 082262
New modality of application of **income tax** 082520
A look at new **Michigan tax** reductions. 082266
Added **value tax** in agriculture. 082194

TAXODIACEAE
of some **Taxodiaceae** & **Cupressaceae** species 086823

TAXONOMY
molasses, introduction & **systematics.** 082335
Amerodiscosiella. **[Taxonomy[].** 086404
often seen in fruit orchards. **[Taxonomy].** 091032
Taxonomy of **Acacia** aneura complex. 086611
Composition of leaf oils from ten **citrus taxa** 087987
New **taxa** & **combinations** in Machaerium (086518
Modern opinions **concerning taxonomy** of 090906
Taxonomy & **ecology** of three new species of 090930
Taxonomical evaluation of articulated hairs 086330
convergent evolution ant: **taxonomy** of **fleas** 090912
A word about **taxonomy** of **genus** Pterocere- 086426
convergent evolution & **taxonomy** of **gleas** (090913
orchids in relation to **taxonomic grouping** & 086391
Some remarks on **systematics** of **Mitostoma** 090731
Mitella of Japan. **[Taxonomy, morphology]** 086332
to knowledge of **systematics** of **Morus** in Q- 086336
A record of changes in **mosquito taxonomy** 090997
Corrections. **[Musce, taxonomy].** 086559
Taxonomic observations on family Delphaci- 090882
analysis & **taxonomic significance.** 086503
IV. schuetzeella group & **taxonomic status** of 090927
Ecologic & **taxonomic studies** on Pythium as 089165
Flavonoid **type, systematics** & evolution in 087516
Taxonomy, variation & evolution in represe- 086397
Taxonomy of **Zea** mays (Gramineae). [Corn] 086474

TEA
On formation of black **tea aroma.** 083123
of inspection & sampling in **tea auctions.** [I- 082869
of amino acids in **tea** by **automatic** amino ac- 083163
Tea in West **Bengal.** 088949
On formation of **black tea** aroma. 083123
of colored components in **black tea** infusion 083160
three components of theaflavins in **black tea** 083162
Chromatogram pattern of **tea catechins** on 083161
light on early pioneers of **tea** in north-**east** 088970
Biochemistry of **tea fermentation:** oxidative 083126
common weeds of south Indian **tea fields.** 10 089706
common weeds of south Indian **tea fields.** 8. 089707
Nitrogen packaging of **green tea** by flexible 083157
amino acids during roasting of **green tea.** 083158
on relation of taste pattern of **green tea** with 083159
Some common weeds of south **Indian tea** fie- 089706
Some common weeds of south **Indian tea** fie- 089707
of colored components in black **tea infusion** 083160
of theaflavins in black **tea infusion.** 083162
Present production & promotion of **Ise tea.** 082419
weight of 100 plucked shoots in **mature tea** 088964
on development of selective **tea-picking** mac- 091439
difference in frost hardiness of **tea plant** & l- 087431
of 100 plucked shoots in mature **tea plant.** 088964
Cercospora disease in **tea plant.** 089264
Examination of changes of **tea-sausage** slices 083489
between characters of young **tea seedlings** in 088965
Studies on development of **selective tea**-pick- 091439
between characters of **young tea** seedlings in 088965

TEACHING
into classroom. **[Agribusiness, teaching].** 081898
Better teachers key to better career orienta- 081901
for state supervisory & **teacher education** st- 081899
of agricultural supervisor & **teacher educator** 081900
farmers towards **extension teaching** methods 081970
Butozana. [Veterinary **medicine, teaching].** 085156

TEATS
Obstruction of **teats** on **cows.** 085802
Mechanics of teat & **teatcup liner** during mi- 083961
Friction between teat & **teatcup liner** during 083962

TECHNIQUES
a "variable-moisture-stress-plot" **technique.** 086086
limits & consequences of this **technique.** 089638
Use of heterotrophic **activity technique** as a 092102
with ultra-low-volume **technique against** cot- 089876
combustion-**amalgamation technique** for pho- 083020
A fluorescent **antibody technique** for determ- 091530
Technique & **applications** of lymphography. 085070
Comparison of two **techniques** for **assessing** 086638
Training engineers in **automation techniques** 086158
Autoradiographic techniques to detect active 086639
An **autoradiographic technique** to observe u- 089616
Autoradiographic techniques in studies on d- 091524
Role of amylases in **technique** of **baking** ind- 083567
Beekeeper-**bee-technique** coalition. 091065
sections with vaginal **biopsy technique** for e- 084845
Biopsy techniques & their diagnostic value. 085014
their diagnostic value. II. **Biopsy techniques** 085016
*** 085018
Cardiopulmonary **bypass techniques** in dogs: 085051
Use of **capillary techniques** in ecological stu- 091539
Use of chronic **catheterization techniques** in 085067
liquid-solid **chromatographic techniques** in a- 083120
Beekeeper-bee-**technique coalition.** 091065
by using photoelastic **coating technique.** 086185
utilization using **computer technique.** 083452
Problem of production **technique concerning** 084704
Weed **control techniques** for lawn. 089589
A contribution to **cultivation techniques** of F- 088604
Soil treatment & **cultivation techniques** in f- 088647
New **cultural techniques** in vineyard. [Herbi- 088646
Recent trends in **cultural techniques** for ma- 088797
New **cultural techniques** in vineyard. [Herbi- 089639
physics raised by new **cultural techniques.** 091581
irrigation & drainage **techniques developed** 092124
materials to field **drainage techniques** & pra- 091367
Field irrigation & **drainage techniques** devel- 092124
in irrigation & **drainage techniques** & practi- 092135
materials to field **drainage techniques** & pra- 092139
developments in milk **drying techniques.** 083286
A **technique** for **evaluating** reconstitution pr- 083304
cutter should know about **felling techniques** 086274
Tracheal **fistula technique** for goats. 084237
phosphate] by **fluorescent technique** in susp- 087381
joint dissection & specific **gravity techniques** 083456
A **technique** for **growing** ornamental woody 088937
using Wilson & **Harrison technique.** 084995
Immunoperosidase technique for detection of 085265
An **improved technique** for evaluating resist- 089321
A new trunk **injection technique** for systemic 089233
selection of a **technique** for **irrigation.** 092166
Technique of **isolating** anaerobic, gramnegat- 085288
Technique for **isolation** of Xanthomonas mal- 089310
An **isotopic technique** for measuring autotro- 091517
Comparison of **techniques** for taking **liver** & 085097
further developments of **logging technique** in 086093
material base improves **logging techniques.** 086106
development of soil **maintenance techniques** 088645
population control by sterile **male technique** 089769
Studies on sterile-**male technique** as a means 090059
in Egypt by use of sterile **male technique.** 090099
Studies on sterile-**male technique** as a means 090751
mechanical **measurement techniques** for det- 083679
of infiltration **measurement techniques.** [Irr- 092210
Boll weevils: a **technique** for **measuring** pro- 089924
Technique of **methyl** methacrylate embeddi- 090736
light & scanning **microscope techniques.** 091687
Direct electron **microscopic techniques** for 091503
Afforestation & **nursery techniques** in turkey 086054
accumulations. I. **Techniques** of **paracentesis** 085020
Use of sterile **partner technique** for control 090170
Technique for **permanent** tracheostomy in d- 085035
using **photogrammetric techniques.** 092277
"flower-**pot technique"** as a new method for 087067
Techniques used for **prevention** of dogs from 085053
Frost **prevention techniques.** [Fruit]. 089502
water treatment & **processing techniques** in 086211
Problem of **production technique** concerning 084704
Production techniques on garden plants. 9. 088554
Rapid techniques for assessment of effect of 089617
Technique in **rational** feeding of dairy & fat- 084515
investigation into use of an X-**ray technique** 090207
A **technique** for **re**-entrant ileocecal cannulat- 085090
Development of a **technique** for **rearing** und- 090300
I. Modification of **technique recommended** 086310
growth by multiple **regression techniques.** 087900
Application of some **techniques** of **remote** s- 089561
Theory & **technique** on **rice** seedling raising. 088311
Improvement of beta-**technique** of **ring** prec- 085227
of irrigation on **techniques** & **rotations** of ag- 092089
"lockset" truck **routing technique.** [Milk, tr- 082418
indicated by postharvest **screening technique** 089026
New **slaughter techniques.** 083485
A root tip **squash technique** for soybean chr- 086751
Techniques of **stable** ventilation & factors w- 091292
Evaluation of clearing & **staining technique** 089897
Sampling & **storage technique** for determina- 087892
Evaluation of bacto-**strip technique** for detec- 083386
Techniques to **study** interatcions between m- 091510
Techniques for **study** of soil fungi. 091526
Surgical technique for cardiac bio-instrumen- 085021
Chemical **thinning techniques** for kaki pers- 088792
Ear **vein technique** for estimation of haemat- 084110
concentrate with ultra-low-**volume technique** 089876
Effect of **washing techniques** on nutrient los- 088106
detection of dysplasia & **wedge technique** for 085621
Techniques on **widening** distribution area & 082328
Techniques on **widening** distribution areas & 082330
Techniques on **widening** distribution area & 083243
Techniques on **widening** distribution areas & 091320

TECHNOLOGY
adoption process. **[Agricultural technology,** 081912
Radiology in **cheese technology.** 083240

Effects of **cost, technology,** supply, & quality 082211
Application of **technology** in **development** of 081937
trends in sweet milk **drinks technology.** 083342
Technological & **economic** effectiveness of f- 083914
by Institute of Food **Technologists' Expert** 082813
Coffee **fermentation technology.** 083049
summary by Institute of **Food Technologists** 082813
glycoside structures. [**Food Technology**]. 083142
summary by Institute of **Food Technologists** 092391
linkages of new **foodgrain technologies.** 082057
related to **technological fractionation** of but- 083329
of sugar beet **gathering technology.** 082085
devices used in wood **gluing technology.** 086173
Technology of **honey** production in Kemero- 091191
technological means for an **increase** in non-r- 083755
Construction & **technology instructions** for 083662
trends of sprinkler **irrigation technology** for 091347
State of **meat technology** & development tr- 083435
Technology in **mechanization** of work in gra- 091422
Technology & **methods** for salvaging straw. 088478
Technology on **milk** & dairy products. 16. [083244
Technology on **milk** & dairy products. 17. [083245
in context of **modern technology.** 091442
mastitis on certain **nutritive, technological** 083361
Storage & **technology** of **oil**-seeds. [Rapesee- 083568
Technological process of thinning stands of 086080
Technological process of thinning stands of 086081
Technology of **production** & processing sweet 083815
Development of **technology** & **production** of 091823
Technological qualities of some wheat variet- 083576
Progress in science & **technology** as **related** 083898
process. [Agricultural **technology, rural** soci- 081912
Science, technology, & development: A new 082648
Sedimentation--technology & progress. [Wa- 092251
Technology of **soil** preparation, application 088451
of forestry & wood **technology studies** in Cz- 086230
Effects of cost, **technology, supply,** & quality 082211
Development of forestry & **wood technology** 086230

TECOMA
enzyme system from **Tecoma leaves.** 087417

TEETH
Veterinary dentistry; structure of **teeth.** 084991
Choice of **tooth** & **disc** tools for soil tillage 091343
changes in skull, mandible & **teeth** of **pigs.** 084206
of circular handsaws with **reinforced teeth** in 086172

TELEMETRY
Telemetry in **animal** biometeorology. [Hors- 084200

TELEVISION
to nutrition education on **television.** 083005

TELIOSPORES
Physiology of **teliospore germination** in Ent- 087383
on germination of **teliospores** of **Puccinia** ca- 089202

TELONE
SEE DICHLOROPROPENES

TEMPERATE
evolution from two **temperate, deciduous** wo- 091641

TEMPERATURE
UHT [ultra high temperature] milk; aspects 082415
cream to make butter. [**Temperature**]. 083297
milks preserved at 4C & 22C **temperatures.** 083370
controlled atmospheres & **temperatures.** 083700
beans & peas kept at 20 C **temperature.** 083751
fungi. III. Influence of **temperature.** 087597
coleoptile. II. Induction at low **temperature.** 087706
Paddy rice ripening & **temperature.** 087787
in response to soil moisture & **temperature** 088064
time of tube-development & **temperature.** 088104
Effects of **temperature** on N03[unstable inte- 091554
of water-saturated wood & **temperature.** [Fa- 086268
Absorbance-temperature profile of ribosomes 088249
Low **temperature absorption** spectrum studi- 087472
of light intensity & **temperature** on **activity** 090652
during curing. II. Effect of **air temperature** 083678
Effect of **air temperature** on growth of Pinus 088278
Boiling temperature control: preserves & j- 083076
Brain temperature as related to gross motor 084300
Effect of **temperature** on **carbohydrate** meta- 087956
Influence of **temperature** on **chill**-coma & el- 090522
dependent & **temperature-compensated** aspe- 090744
as a function of **temperature, concentration** 083174
Effect of low **temperature** on **concentration** 088031
various light & **temperature conditions.** 087409
Effect of low **temperatures** on **content** of or- 083768
Boiling **temperature control:** preserves & j- 083076
Temperature control of plant containers un- 088048
Analysis of **temperature control** characteristi- 091267
storage under **controlled temperature** & rela- 083136
High **temperature convective** drying of toba- 083678
leaves & fruit, related to **cool temperatures** 088049
Influence of body **core temperature** & perip- 084267
of genotype & **temperature** on **cotton** boll p- 086920
Generalization of stream-**temperature data** in 092255
of heavy water on **temperature-dependent** & 090744
III. Effect of **temperatures** on **development** 083803
bags & kept at **different temperatures.** 083489
mutants to **different temperature** & nutrients 087793
Effect of **different temperatures,** mositure c- 089293
Sayed) under **different temperatures.** Acarina 090800
Differential temperature treatment of plants 089419
Temperature distributions during heat/hold 083614
Temperature effects on pollen tube growth in 088118
frequency after **elevated temperature** & X-r- 090629
Importance of **temperature factor** in study of 091511
Purple plum **flesh temperatures** in refrigera- 083746
Effect of **temperature** on **flower** bud differen- 087432
Effect of **temperature** on **gel** formation in pig 084140
of soil moisture by **temperature gradient.** 091673
Influence of **temperature** of **growth** speed & 088043
of starch at **hardening temperatures.** [Cabb- 083721
UHT [ultra **high temperature**] milk; aspects 082415
in flavour of ultra-**high-temperature** milk du- 083307
indirect methods of ultra-**high-temperature** s- 083309
High temperature convective drying of toba- 083678
of sweetgum at **high temperatures.** [Liquida- 086005
of lumber at extremely **high temperatures.** II 086153
Effect of **high temperature** pretreatments on 087677
Effect of **high temperature** on pollen tube g- 087942
in greenhouses of low & **high temperature.** 091247
Influence of **temperature** on **induction** of chi- 090524
Leaf temperature measurement & control in 087723
Effect of low **temperature** on **male** meiosis in 091160
Leaf **temperature measurement** & control in 087723
in flavour of ultra-high-**temperature milk** du- 083307
Effect of different **temperatures, mositure** c- 089293
Effect of **night temperature** on assimilation 087953
as affected by root **temperature, nutrient** su- 088047
core temperature & **peripheral temperatures** 084267
Effect of **temperature** & **pH** [hydrogen-ion 082819
Effect of **temperature** & **photoperiod** on local 089362
Temperature & **photoperiodic** regulation of 089927
Relation of age of **plants, temperature,** & in- 089316
Vorlex at two **temperatures** on **populations** 090315
Effect of low **positive temperature** on growth 087745
Effect of **temperature** on **potassium** & calci- 087861
on low-**temperatures preservation** of cow e- 084352
Effect of high **temperature pretreatments** on 087677
Absorbance-**temperature profile** of ribosomes 088249
Radiative temperatures of butterlfy wings. 090845
Honey bee's ability to **regulate temperature.** 091119
Temperature & **relative** humidity as factors 090804
Effect of **temperature** on **ripening** & storage 083590
at 5 centigrades & at **room temperature.** 083235
jarosites at **room temperature.** [Soil chemis- 091566
cuttings, as affected by **root temperature,** nu- 088047
Inheritance of low **temperature seed** sprouti- 086859
melanogaster. XIII. **Temperature-senitive** p- 090530
capacities of a **temperature sensitive** mutant 085581
functions by **temperature-sensitive** mutants 085584
aureolatus that is **temperature-sensitive** & o- 086839
iV. Mapping of **temperature-sensitive** genes 086928
Temperature-sensitive mutations in Drosoph- 090529
Temperature-sensitive mutations in Drosoph- 090530
Effect of minimum **soil temperature** on diffe- 087175
temperature as well as on **soil** potassium co- 087668
of bitumen emulsions on **soil temperature** & 088326
Elateridae) larvae to **soil temperature** & mo- 090492
of bitumen emulsions on **soil temperature** & 091493
Effect of forest stands on **soil temperature** 091665
Effect of **temperature** on **solutions** of disinfe- 085237
Low **temperature spectral** study on Euglena 087562
of ultra-high-**temperature sterilization.** 083309
thermical treatment & **storage temperature** 083491
Successful low **temperature storage** of conid- 086294
Generalization of **stream-temperature** data in 092255
Temperature study in grain storage bins. 091378
up, stabilization of **thoracic temperature** & f- 090669
plant, & **temperature** on **transmissibility** of 089378
Differential **temperature treatment** of plants 089419
Relationship between **winter temperatures** 089396

TEMPLATE
Enhancement of **template activity** of calf th- 084311

TENDERNESS
slaughter treatments on **tenderness** of **beef.** 083467
simple shear press for **measuring tenderness** 083615
Some aspects of raw **meat tenderness.** A stu- 082958
in bovine muscle tissue. [**Meat tenderness**]. 083455
measurements of **meat tenderness** using nip 083472
Measurement of **pea tenderness.** II. A review 083799

TENDEROMETER
of meat tenderness using **nip tenderometer.** 083472
Tenderometer rates beef carcass quality. 082749

TENDON
Autologous tendon transplantation in horse- 085130
studies in insertion of **tendon** on **distal** phal- 084274

TENEBRIO
on chemistry of insects. [**Tenebrio molitor,** 089825
of juvenile hormone. [**Tenebrio molitor,** con- 090196
of middle intestine of **Tenebrio molitor.** 090678
juvenile hormone. [**Tenebrio molitor**]. 090707
crystals systhesis in **Tenebrio molitor** L. 090716
on chemistry of insects. [**Tenebrio molitor,** 090769

TENEBRIONIDAE
Tenebrionidae (Coleoptera) from Nepal. 090879
Tenebrionidae (Coleoptera) fauna of Afghan- 090943
to study of $malagasy **$tenebrionidae:** genus 091036
Herbst) (**Coleoptera, Tenebrionidae**), & Sit- 090204
Latr., 1804 (**Coleoptera, Tenebrionidae**). 090483
Herbst) (**Coleoptera. Tenebrionidae**), & Sit- 091271
confusum (**Coleoptera, Tenebrionidae**): varia- 090202

TENSION
changes by conditions of sawchain's **tension** 086131
pretreatment, & **tension conditions** during c- 083674
Tension & **resin**-treatment effects on proper- 083675

TENT
Western **tent caterpillar:** contact toxicity of 090126

TENUIS
SEE MOLLUSKS

TENURE
Land tenure system of Malay Padi farmers. 082046

TEOSINTE
Feminization in **teosinte** (Euchlaena mexica- 087071
Teosinte, a good **green** fodder. [Euchlaena]. 088402
of crossing annual & **perennial teosinte** with 087015
of chlamydospores of **teosinte smut** (Ustilago 086795

TEPA
melanogaster with residues of **tepa.** 090658

TEPHRITIDAE
varieties to infestation. Diptera: **trypetidae.** 090088
Dacus oleae (Gmel.). Diptera: **Trypetidae.** 090089
its related genera (Diptera: **Tephritidae**). I. 091014

TERATOLOGY
of anatomist & co-author of **teratology.** [An- 084287
Teratology of **lichenes** in herbariums at Sze- 086697

TERATOMA
by normal & crown-gall **teratoma cells** of to- 087862

TERES
SEE MOLLUSKS

TERMINAL
cytogenetic analysis of a **terminal deficiency** 087080
initiation of a **terminal growth** phase in Cec- 090592
3'-**Terminal oligonucleotide** fragments of to- 089347
in young cattle during **terminal phase** of fat- 085549

TERMINALIA
of holocellulose from **Terminalia superba** E- 086116

TERMINOLOGY
SEE NOMENCLATURE

TERMITE
A natural control of **termites.** [Lasius]. 090183
Nitrogen fixation in **termites.** [Kalotermes 090782
Termites & their **control.** [Isoptera]. 090113
Ecological adjustment of **termites** in a **mou-d.** 090763
Termites as **pests** of tropical food crops. 089827
Trail pheromone of **termite, Trinervitermes** 090695

TERPENES
Terpene composition of pinus pinaster seedl- 088283
A comparison of **leaf terpenes** in Persea sub- 086390

TERPENOID
in Juniperus virginiana from **terpenoid data** 088293

TERRACE
Level terraces with stabilized backslopes on 082249

TERRACING
Positive & negative aspects of **terracing.** [Vi- 092054

TERRAIN
materials as an indicator of **organic terrain** 091556
determination for organic **terrain surveys.** 091551

TERRESTRIAL
VII. Distribution of **terrestrial bryophytes** in 086637
of ATP assay in **terrestrial decomposition** s- 091515
denitrification in **terrestrial ecosystems.** 086638
methyl to earthworm, **Lumbricus terrestris** 090376
microscopy in study of **terrestrial microbial** 091506

TERRITORY
of overlapping of functions within **territory.** 092431
steppe section of **Krasnoyarsk Territory.** [C- 082290
of forest crops in **Maritime Territory.** [Larix 085823
at Adelaide River, **northern territory.** 084439
near Alice Springs, [**Northern Territory**]. [084711
southampton Island, **Northwest Territories.** 086430
Reindeer Preserve, **Northwest Territories.** 087717
Saar Territory, from view of nature conserv- 092408
medicine within **territory** of **Slovenia** in XI- 085165

TERTIARY
nannoolankton at **Cretaceous-Tertiary** limit 086323
Tertiary dihydroprotoberberine alkaloids of 087532
investigations of **tertiary follicle** population 084867

TESTES
in female guinea pigs injected with **testis.** 084797
of seminiferous tubule in **testis** of **domestic** 084210
cell differentiation in **testes** of **Drosophila** h- 090509
Clinical findings in **testes** & **fertility** progno- 084809
E, & antioxidants on **testicular function** in r- 084800
N-acetylhexosaminidase of **ram testis** & epid- 084790

TESTOSTERONE
effects of **testosterone** & **oestrogens** on acce- 084271

TETANUS
Immunization of foals **against tetanus** toxin. 085230
Immunization of foals **against tetanus** toxin. 085231

TETANY
Cool season problem of **grass tetany** on incr- 085698

TETRAACETIC
by EDTA [ethylene diamine **tetraacetic acid** 083516

TETRACHLORIDE
carbon disulphide, **carbon tetrachloride** & p- 091123

TETRACYCLINE
slaughtered suckling calves. [**Tetracycline**]. 082865
with stress & **tetracycline therapy.** 085572
pyrrolase in tissues of **tetracycline-treated** p- 084030

TETRAHYMENA
concentrations of **Tetrahymena pyriformis.** 090259

TETRAMETHYL
Quercetin 3,7,3',4'-**tetramethyl ether** from 087502

TETRAMISOLE
effect of **tetramisole** on **antibody** formation 085369

TETRANEURA
Aphid Tetraneura ulmi (L.), a new maize pe- 090080

TETRANYCHIDAE
ulmi Koch (Acariae: **Tetranychidae**), at cost 089997
R. & S.). Acarina: **Tetranychidae.** 090091
insects. [Soybeans, **pests, Tetranychidae**]. 089858

TETRANYCHUS
Spodoptera littoralis, **Tetranychus arabicus** 089879
Fecundity of **Tetranychus arabicus** Attiah & 090800
Heliothis, **Tetranychus cinnabarinus** Anthon- 089964

TETRAPLOIDS
XXII. Content properties of **tetraploid forms** 087126
berry dropping of diploid & **tetraploid grape** 087170
Embryological studies in a **tetraploid hybrid** 086700
A natural **tetraploid mung** bean of suspected 086983
A **natural tetraploid** of Urginea coromandeli- 086753
valuable traits in **tetraploid rye** relative to 088540
of relationship among **tetraploid Triticum** s- 087181

TETRICIDAE
Gunther, 1937 **(Orthoptera, Tetricidae).** 090873

TETYRA
Pinus virginiana, pests, **Tetyra bipunctata,** 086088

TEXTILES
of development of weaving. [**Textiles**]. 083624
"Fleece cloth"a modern type of aid for hygi- 083017
of antistatic agents in **textile industry.** [Wool 083453
when Gardona is applied to **woolen cloth** du- 090185

TEXTURE
needs protein--a piece of **textured artificial** 082934
Guidelines to training a **texture profile** panel 083153
Effect of calcium on **texture profile** of irradi- 083800
Reaction of **soil textures** on soil conditioning 091598
value of TVP, [**textured vegetable** protein] 082962

THALASSIOSIRA
of centric diatom **genera Thalassiosira** & Co- 086388

THALICTRUM
corydine from **Thalictrum dioicum.** 087504

THAW
between non-frozen & frozen-**and-thawed** m- 083493
Substrate freezing & **thawing** as a **factor** in 091691

THEAFLAVINS
of three components of **theaflavins** in **black** 083162

THECODIPLOSIS
gall midge, **Thecodiplosis brachyntera,** on m- 090103

THEILERIA
theileriasis in Turkey. [**Theileria annulata,** 085220
Serological studies on **Theileria gorgonis** usi- 085596
Attempted transmission of **Theileria gorgonis,** 090297
Transmission of **Theileria hirci** in sheep by 085525

THEILERIOSIS
expansion & treatment of **bovine theileriasis** 085220
Malignant theileriosis of sheep & goats. [Ir- 085531

THELEPHORACEAE
applied for control of **Pellicularia sasakii** & 089280

THEOBROMA
SEE STERCULIACEAE

THERAPY
dangers of applying chelates in **therapy.** [Ve- 085804
Food as a **therapeutic agent** in feline urolith- 085719
Current **cancer therapy** in veterinary medici- 085610
Diuretic therapy in veterinary medicine. 085714
Principles & application of **fluid therapy** in 085003
in cattle in Malawi: **therapy** with **nitroxynil** 085528
Ocular therapeutics. [Dogs, cats]. 085619
Etiology, prevention & **therapy** of **prolapsus** 085763
Therapy & **prophylaxis** of gastroenteritis in 085702
suitable for edible & **therapeutic purposes** u- 083066
Surgical therapy of intervertebral disc disea- 085012
with stress & **tetracycline therapy.** 085572
Therapeutics of **veterinary** dentistry. 084990

THERMAL
Thermal activation of peroxidase as a lipid 083131
wood. II. Differential **thermal analysis.** 086123
procedure for determining **apparent thermal** 083141
Thermal & base-**catalyzed** hydrolysis produc- 089105
of concentration on **thermal-conductivity** of 083299
Connection between soil **thermal content** & 091600
Mathematical model of **thermal degradation** 083117
of cellulose during **thermal degradation** by c- 086132
of maize DNA **denaturation thermal** stability 087688
brominated wood. II. **Differential thermal** a- 086123
for determining apparent **thermal diffusivity** 083141
Thermal effects. [Water pollution]. 092459
Application of **electric thermal** radiation he- 086226
Permanent & **thermal loading** of tractor eng- 091310
of mosquitoes. IV. **Thermal modification** of 090648
of toxic compound in **thermally oxidized** oil. 082846
Cold-induced inhibition of **thermal panting** in 083246
in composition & **thermal properties** of New 083308
Application of electric **thermal radiation** he- 086226
Phytochrome & **thermal shock** in germinati- 087191
Connection between **soil thermal** content & 091600
Thermal springs of Bakreswar, India: Physi- 086454
maize DNA denaturation **thermal stability** 087688
Thermal statement of dimension of animal 091284
Thermal uncoupling in chloroplasts. Inhibiti- 087950

THERMODURIC
of symposium on **thermoduric organisms,** 5 083358

THERMODYNAMICS
determined by **thermodynamic method.** 087287
Thermodynamics of **soil** water. 091762

THERMOPHILIC
for transferring **Streptococcus thermophilus** 083333
Thermophilous & **thermotolerant** fungi in air 089018

THERMOREGULATION
on **thermoregulatory behaviour** in pig. 084268

THEVETIA
ether in seed-shells of **Thevetia peruviana.** 087437

THIABENDAZOLE
injected benomyl, captan, & **thiabendazole.** 089194
Toxicity of **thiabendazole, benomyl,** methyl 090376
foods: analysis of **thiabendazole** in **citrus** fru- 082739
of sows with **thiabendazole** on **weight** of the- 085536

THIAMINASE
Ruminal thiaminase & tissue thiamine in ce- 085758

THIAMINE
acid, pyridoxine & **thiamine requirements** of 091155
method of **thiamine** & **riboflavin** determinat- 083448
Ruminal thiaminase & **tissue thiamine** in ce- 085758

THIAMYLAL
observations on use of **thiamylal sodium** with 085167

THICKENING
On choice of gelling & **thickening agents** as 083255

THICKNESS
On relative **bark thickness** connected with r- 088277
of changes in **thickness** of **compresses** cotton 083672
A comparative study of **thickness** of **stratum** 084114
Cell **wall thickness** during growth of domest- 087931

THIELAVIA
Two records of **Thielavia species** from Thail- 086480

THIELAVIOPSIS
Studies on **Thielaviopsis paradoxa** (De Seyn- 089145
to fungicides of **Thielaviopsis paradoxa** infec- 089166

THIMET
SEE PHORATE

THINNING
thinning & guide for size-**thinning Bartlett** 088862
grapes. IV. Effect of pruning, **bunch thinning,** 088886
Prospects of **chemical thinning** of apples in 088650
Chemical thinning techniques for kaki pers- 088792
report on non-**thinning cultivation** of sugar 088434
research approach to Douglas-**fir thinning.** 085987
Growth of radiata pine **following thinning.** 088256
laminated wood made from **thinned Larix** lo- 086151
On improvement of **thinning method** in tran- 088429
Possibilities in choosing an **optimal thinning** 085937
Thinning of **Pinus** plantation on southern pa- 086019
Yield of **unthinned red** pine plantations at 085901
Technological process of **thinning stands** of 086080
Technological process of **thinning stands** of 086081
possibility of non **thinning transplanting** cul- 091384
Development of **unthinned white** spruce pla- 086015

THIOL
enzymes. II. Effects of **thiol reagents** & fro- 082952

THIOLIGNIN
Formation of **thiolignin** during H2S [hydro- 086250

THIOPHANATE
thiophanate-methyl & **thiophanate** to **alkyl** 089169
rot of stone fruits with **thiophanate-methyl** 089220
yl carbamate & **thiophanate-methyl** to eart- 090376

THIOURACIL
hypersensitive soybean by 2-**thiouracil.** 089425

THIRAM
with captan or **thiram** upon **fungal** & bacter- 090378
Effect of **thiram** on **seed** mold & germination 088996

THISTLES
acetic acid--controlling **Canada thistle.** [Cirs- 089694
Noxious weeds in grassland: **Docks, thistles** 089590
Sow thistle in field. [Sonchus, weeds]. 089698

THORACIC
by simultaneous action of **prothoracic gland** 090707
of RNA synthesis in **prothoracic gland** of P- 090850
up, stabilization of **thoracic temperature** & f- 090669

THORIUM
Thorium in **water** & algae from Adriatic Sea 087435

THREAD
Black thread disease, control measures & yi- 089286

THREONINE
of cane sugar, **methionine, threonine** & lysine 084454
of cane sugar, **methionine, threonine** & lysine 084455

THRESH
Mowing-threshing properties of cereal variet- 088389
Threshing performance of Japanese type co- 091389

THRESHOLD
Flavor **detection threshold** values for ethyl 082965
India on **threshold** of **rice** revolution. [Culti- 088458
Threshold values as a criterion for beer qual- 083030

THRIPIDAE
insects in Upper Egypt. [**Thrips tabaci,** Aph- 089866
insecticides for control of **Thrips tabaci** Lind 089878
population fluctuations of **Thrips tapaci** Lind 089952

THUJA
SEE PINACEAE

THURICIDE
Effect of storage on **bioinsecticide Thuricide** 089778
Compatibility of **bioinsecticide Thuricide** 90 089882

THYMECTOMY
Effect of **thymectomy** on **immunological** res- 085320

THYMIDINE
of **thymidine** during **elongation** growth of Si- 087631
Incorporation of **tritiated thymidine** during 087218

THYMUS
properties of ribonuclease H of **calf thymus** 084293
of template activity of **calf thymus** & rat liv- 084311
chicken. I. Synergism between **thymus cells** 085318
development of embryonic **chicken thymus** in 084038
essential oil from **Thymus quinquecostatus** 083191

THYRIDOPTERYX
bagworms. [**Thyridopteryx ephemeraeformis,** 090114

THYROID
Radio-iodine (131 I) uptake by **thyroid gland** 084554
Effect of **thyroidectomy** on **secretion** of prol- 084137
as influenced by variations in **thyroid status** 084196
Variations in **thyroid status** of buffalo during 084966

THYROTROPIN
on plasma levels of **thyrotropin, luteinizing** 084137

THYROXINE
A note on failure of **thyroxine** to **restore** wo- 084049

THYSANOPTERA
Lind., on cotton seedlings (**Thysanoptera**). 089878
on cotton seedlings in Egypt. **Thysanoptera** 089952

TIBIA
of humerus, os femoris & **tibia** of **dog.** 084281

TICKS
of cattle against infections with **ticks.** 090285
Cytogenetics of **ticks** (Acari: Ixodoidea). 12. 090517
a theory on feeding by this **tick.** 090550
effective insecticide **against ticks.** 089847
Kohls, & a hard **tick, Amblyomma** american- 090262
Kohls, & a hard **tick, Amblyomma** american- 090723
of three species of reptile **ticks, Aponomma** 090898
of sterile females for control of **tick Argas** p- 090243
of claw sensilla of a soft **tick, Argas** (Persic- 090262
of claw sensilla of a soft **tick, Argas** (Persic- 090723
Tick-borne encephalitis virus (TBE) in Ger- 090301
There is a difference between **ticks** & **bugs.** 090976
colonies of insects, mites & **ticks** in **Canada,** 090486
Tick control by malathion. [Ixodes ricinus] 090293
Biology of brown **dog tick** Rhipicephalus s. 090280
Notes on African **Haemaphysalis ticks.** XI. 090264
Notes on african **haemaphysalis ticks.** XI. 090981
Notes on African **Haemaphysalis ticks.** XI. 090982
Kaiser, Hoogstraal, & Kohls, & a **hard tick,** 090262
Kaiser, Hoogstraal, & Kohls, & a **hard tick,** 090723
in Ornithodoros moubata **ticks injected** into 090294
of ectoparasites of poultry. [**Insects, ticks,** 090272
inactivation in Ornithodoros **moubata ticks** 090294
Distribution of three species of **reptile ticks,** 090898
Biology of brown dog **tick Rhipicephalus** s. 090280
on feeding behaviour of **tick Rhipicephalus** 090284
Biology of brown dog **tick Rhipicephalus** s. 090807
Autogeny in **soft ticks** of genus Ornithodoros 090260
fine structure of claw sensilla of a **soft tick,** 090262
Autogeny in **soft ticks** of genus Ornithodoros 090721
fine structure of claw sensilla of a **soft tick,** 090722
fine structure of claw sensilla of a **soft tick,** 090723
disiccation & rehydration on lone **star tick.** 090677
of numberical strength of blood-**sucking ticks** 090885

TIDE
Tidal zone riceland drainage in Guinca, West 092133

TILES
mechanization in execution of **tile drainage** 092150

TILIACORA
a biphenyl alkaloid from **Tiliacora funifera.** 087442

TILLAGE
Mediterranean climate & **agricultural tillage** 091580
of agricultural investment **building till** 1975 082305
Tillage & its **consequences** in mediterranean 092023
of armyworm damage to no-**tillage corn** with 089915
Development of soil **tillage equipment.** 091341
Drive rotary tools. [**Tillage equipment**]. 091344
Results of soil **tillage experiments** in viticul- 092055
Combined equipments for **grain tillage.** 091400
Studies in effect of depth of **tillage** for **maize** 088508
Tillage & minimal culture ib south of France 088397
Minimum tillage for potatoes. 092015
Selecting no-**tillage planters** by need. 091321
Some aspects of **tillage problem** in Malawi 092071
Gramoxone **reduces tillage** for rice. 089637
a self-propelled machine for **tillage, seeding** 091430
Effect of various procedures of **soil tillage** on 089721
Equipments for minimal **soil tillage.** 091312
Development of **soil tillage** equipment. 091341
Soil tillage & plow body. 091342
Choice of tooth & disc tools for **soil tillage** 091343
properties in relation to **soil tillage.** 091579
between water reserve & **soil tillage.** 092024
Some aspects of **soil tillage** in irrigated cult- 092026
Results of **soil tillage** experiments in viticul- 092055
Effect of various procedures of **soil tillage** on 092056
Photographic commentaries. [**Soils, tillage**] 092025
aggregate size & depth of **tillage** on **steady** 091592
of paper: effect of length scale in **tillage tool** 091383

TILLANDSIA
New **Tillandsia species** from Mexico. Tiland- 086421

TILLERS
Lam. following differential **tiller defoliation** 087246

TILLETIA
grain seed treatments. [**Tilletia foetida,** Usti- 089148
Controlling hill bunt. [**Tilletia, wheat**]. 089070

TILLETIACEAE
germination in **Entyloma** & **Melanotaenium** 087383

TILSITER
rennilase for manufacture of **Tilsiter, Edam** 083258

TIMBER
Central **American timber** harvest: Traditional 086141
Cooperative timber marketing. 086092
of work process of sorting **cut timber.** 086162
A method of **drafting timber** transport plan 086110
Estimating timber volumes without equipme- 085946
Protection of **exotic timber** species in Slova- 085940
Operations of Japanese oak **timber forests.** 085967
Central American **timber harvest:** Traditional 086141
Timber harvest--a deer's best friend. 086195
Guarantine of **imported timbers** in Japan. 086175
Suitability indices of **Indian timbers** for ind- 086165
Need for rationalisation in **timber industry.** 086237
planning & programing **timber management** 085985
Cooperative **timber marketing.** 086092
Operations of Japanese **oak timber** forests. 085967
Forests & **timber processing.** 085947
for planning & **programing timber** managem- 085985
price rise in **timber** under **reorganization** of 086133
years' stumpage prices of **softwood timber** on 086194
influences of some **timber species** on sandy 085838
Protection of exotic **timber species** in Slova- 085940
regime & interrelations of **timber species** in 086623
value of factors of a **timber stand** with nati- 085907
A method of drafting **timber transport** plan 086110
Estimating **timber volumes** without equipme- 085946

TIME
students--or have fun & learn at same **time.** 082094
Agriculture with passing of **time.** 082556
Cytoplasmic inheritance of **timing** of "senes- 086980
cuniculi): A spring-**time accelerator** & a kai- 090266
Variation in **time** of **acclimation** of raspberry 088050
from point of view of **accounting time** differ- 082084
nitrogen dose, **application time,** yield & qual- 087863
Application time during day influences chem- 087897
level, manner & **time** of their **application** on 091789
Color-**time association** studies in honey bees 091128
Buying time with direct drilling [Brassica, g- 088342
"Hasten slowly" when it is **calving time.** 084821
Importance of **timing** of **chlorfenvinphos** & f- 089854
Color-time association studies in honey bees 091128
pear-varieties with sugar-**concentration, time** 088104
line of sight on close of **time contracts** for d- 082478
for ascertaining most **convenient time** of app- 089723
A note on **time-cost** of routine procedures i- 084469
mositure content, & **different time** of exposu- 089293
of view of accounting **time differentiation** of 082084
Forestry: **time** to **dig** in? 085843
of genus Morpho in **evolutionary time.** 091024
Effects of **time feed** given on diurnal feeding 084607
grapes move to U.S. markets for **first time** in 082379
Inheritance of **flowering time** in ragi Eleusi- 086860
hormone] surge & ovulation **time following** 084847
Studies on **time** of **fruit** bud differentiation in 088197
Timing green wave. [Phenology, plants]. 086677
Importance of sea fishery in **time** of **Hanse** 083019
Genetics of **heading time** in wheat (Triticum 086927
On variabilities of **heading time** in some bar- 087809
yield as affected by dose & **time** of **injection** 084226
changes of frozen fish after **long-time** storage 083621
Effects of suckling & **time** to **mating** after p- 084866
Apparatus for **measuring time** to breakdown 083801
Short-**time metabolism** of some exogenous c- 088250
Molting time of Agriotes larvae (Coleoptera 090766
Time & motion study for work of hand-milk- 083954
Effect of **time** of **mowing** on hay yields & q- 087813
Optimum time of vaccination in dog. 085532
quality in relation to **time** of **oviposition.** 084308
luteinizing hormone] surge **& ovulation time** 084847
Time for **pasteurization** of wine in bottles. 083766
Relation of young & old--"**peace time**". [Ru- 082015
pruning of white spruce at **time** of **planting** 086023
Planting time of honey-yielding flora. 088946
number of wire netting & hot **pressing time** 086189
Seasonal variation in **production time** of He- 088923
level, animal age & **time** of **sampling.** 084581
Short-time metabolism of some exogenous c- 088250
Effect of **time** of **sowing** as well as of seed r- 088329
varying levels of nitrogen & **time** of **sowing** 091877
Effects of varying **time spacing** & depth of i- 091804
use of pheromone traps & **timing** of **spray** a- 090022
flea (Spilopsyllus cuniculi): A **spring-time** a- 090266
Beekeeper, now is **still time** for plants of ea- 088952
of frozen fish after long-**time storage.** 083621
Time of **synthesis** of genes for ribosomal rib- 086870
Plans & **timing** for **technical** development of 082599
imposition to consider at **time** of **transfer** of 082520
Effects of **varying time** spacing & depth of i- 091804
A note on effect of **time** of **weaning** & weight 084425
nitrogen dose, application **time, yield** & qual- 087863

TIN
Variation in **tin content** of some tinned foods 083101
on distribution of **tin** between **fruits** & infus- 083724
Tin plate container has considerable market- 083580

TINEA
spatial distribution of **Tinea fuscipunctella** on 090246

TINGIDAE
sp. n. From Bulgaria (**Heteroptera, Tingidae** 090866

TINNED
SEE CANNING

TIPHIIDAE
stygia (Say) (Hymenoptera: **Tiphiidae**). 090447

TIPULIDAE
Alexander 1952 (Diptera: **Tipulidae**) new to 090910
Colletion at Munich (**Tipulidae, Diptera**). 086499

TISSUES
in beverages, drinking water, & **tissues:** their 082697
techniques of specific organs & **tissues.** [Do- 085016
of total arsenic in **animal tissues:** collaborat- 082685
vitamin E & selenium on **tissue antioxidant** 084259
trichloro-2-pyridinol: residues in **body tissues** 090349
Ultrastructure of **boundary tissue** of seminif- 084210
in fluids, spermatozoa, **& tissues** of **bull** geni- 084100
of metabolites in soybean **callus tissue** cultu- 087766
its glucuronide in **cattle tissues.** 082684
Retention of mercury in **tissues** of **cattle** & 090344
means of a vaccine produced in **tissue cell** c- 085431
Culture of **tissues & cells** & developmental b- 087400
of fluometuron by **Citrus tissues.** 089747
Tissue composition changes in mature rats f- 082944
AS-MX phosphatase) in **conducting tissues** 087570
in a soluble fraction from **cotyledon tissue** of 087977
Origin of phages in **tissues** of **crown** gall cul- 089294
Tissue culture in pulp & paper industry. 086099
Tissue culture of Cynodon dactylon. 086755
from Nicotiana tabacum **tissue culture** W-38 087822
stem single cell clones in **tissue culture.** 090050
by soluble enzymes from **tissue cultures** of 087344
bound amino-acids in plant **tissue cultures.** 087406
Trigonella foenum-graecum **tissue cultures.** 087447
upon growth of **tissue cultures** of Nicotiana 087691
metabolites in soybean callus **tissue cultures** 087766
Transaminase activities of **tissues** of **day**-old 084195
Tissue differentiation in remote hybrids of 086763
Tissue distribution & metabolism of aflatoxin 084257
of Pisum sativum: **Tissue distribution** & pro- 088160
of various electrodes & **tissues** on **electrical** 088254
Callus formation on **tissue explant** derived f- 088215
Contribution of lean & **fat tissues** & their ra- 083446
protein source of plasma & **tissue free** amino 084602
Assessing ion leakage from apple **fruit tissue** 088052
from Trigonella foenum-**graecum tissue** cultu- 087447
tissues were infected with "**tissues growth**" 089400
susceptible (ht) maize **tissues inoculated** wi- 089139
sulphurylase activity in **leaf tissue.** [Spinach 087965
observations of **tissues** of **lettuce** with electr- 089400
free piglets in study of **lymphoid tissue** & ge- 084039
Ht) & susceptible (ht) **maize tissues** inocula- 089139
in individual organs & **tissues** of **male** & fe- 084359
lipid droplets from bovine **mammary tissue** 084238
fraction of skeletal **muscle tissue.** [Chicken, 082832
fraction from skeletal **muscle tissue.** [Chick- 082833
substances in **muscle tissue** of teleosts [Fish- 083229
of elastin in bovine **muscle tissue.** [Meat te- 083455
of inhibiting substances in **muscular tissue &** 082865
of some organs & **tissues** of **normal** piglets 085801
of tannides in **tissues** of its **organs.** 086705
with electron microscopy; **phloem tissues** we- 089400
to breakdown of heated fleshy **plant tissues.** 083801
in mitochondria from some **plant tissues.** 087232
of water uptake by **plant tissues.** 087266
of free & bound amino-acids in **plant tissue** 087406
of ethylene production in **plant tissues** by 8 088002
accumulation of arsenic in **poultry tissues &** 084530
in turkey eggs & in **tissues** of **progeny** follo- 084078
egg proteins & blood serum & **tissue proteins** 084253
glutathione peroxidase system in **rat tissues** 084603
Role of different plant **stem tissues** in trans- 087375
isoperoxidase from Nicotiana **tabacum tissue** 087822
pyrrolase in **tissues** of **tetracycline**-treated p- 084030
Ruminal thiaminase **& tissue thiamine** in ce- 085758
in suspension culture of **tobacco tissue.** 087738
initiation & maturation of **vascular tissues** in 087981
from diseased Phaseolus **vulgaris tissue.** [Be- 088149

TITANIUM
sensory properties of **titanium dioxide** as a f- 083571

TITRATION
of amperometric iodine, **titration curve.** [Co- 083564
Titrimetric determination of soap in refined 083780
observations on **titer** of **spermagglutinis** in s- 084288

for comparison of beet yellows **virus titres** in 089403

TOBACCO
monopoly in record year 1972. **[Tobacco].** 082473
polyphenols to flavour & colour of **tobacco.** 083577
in Nicotiana tabacum L. **[Tobacco].** 086694
high rates of photorespiration in **tobacco.** [087121
sulfoximine-resistant mutants of **tobacco.** [B- 087158
methods of pollen storage in **tobacco.** [Bree- 087166
nullisomic S in Nicotiana tabacum. **[Tobacco]** 087167
cultures of Nicotiana tabacum L. **[Tobacco]** 087691
images of plant membranes. **[Tobacco].** 087713
characteristics of haploid plants. **[Tobacco]** 087782
tabacum tissue culture W-38. **[tobacco].** 087822
high rates of photorespiration in **tobacco.** [087848
within root to xylem exudate of **tobacco.** 087861
using green punch samples. **[Tobacco].** 087892
Determination of organic acids in **tobacco.** 087895
chemical sucker control. **[Tobacco].** 087897
Peronospora [tabacina] of **tobacco.** [Chemic- 089136
sulfoximine-resistant mutants of **tobacco.** [B- 089325
in plants. A viroid explanation. **[Tobacco].** 089337
Leaf curl--an ever present danger in **tobacco** 089341
of ozone on leaf cell membranes. **[Tobacco]** 089455
should drop on leaf products. **[Tobacco].** 090380
of experimental insecticides **against tobacco** 089962
infected Nicotiana rustica. **[Aztec tobacco]** 089375
Reduced capture of **tobacco budworm** & corn 089916
on development of **tobacco budworm,** Helio- 089928
insecticides for control of **tobacco budworm** 089960
resistance levels in **tobacco budworm** & bol- 089961
insecticides against **tobacco budworm,** boll 089962
insecticides, for control of **tobacco budworm** 089970
lamina & midrib portions of **burley tobacco** 087894
virus & potato virus Y on **Burley tobacco.** 089377
control of insects on **Burley tobacco** with so- 089969
potato virus Y on **tobacco** in North **Carolina** 089392
India's flue-cured **tobacco crop** passed throu- 082471
gall teratoma cells of **tobacco** in **culture.** 087862
Oriental **tobacco culture.** 088513
gall teratoma cells of **tobacco** in **culture.** 089322
Mechanization of **tobacco culture.**I. 091437
India's flue-**cured tobacco** crop passed throu- 082471
nutrient uptake of flue-**cured tobacco.** 087759
to brown spot disease of flue-**cured tobacco.** 089279
transplanting flue-**cured tobacco.** [Conoderus 089968
of tobacco budworm on flue-**cured tobacco.** 089970
Mechanical harvesting of flue-**cured tobacco.** 091473
** 091474
convective drying of **tobacco** during **curing.** 083678
determination of filling value of **cut tobacco** 083679
Tobacco diseases in Madagascar. 089437
Tobacco experiment station. [Japan]. 081957
control of several foliage-**feeding tobacco** in- 089967
of sucrose & fructose in **tobacco** & **filler.** 083680
soil-applied insecticides. 1. **Tobacco flea** bee- 089969
analysis of streptomycin in **tobacco fresh** le- 089327
of phosphine residues in **fumigated tobaccos.** 087893
Situation on **Greek tobacco** market. 082472
Tobacco--a historical view. 086300
Tobacco hornworm: marking spermatophore 090657
eclosion & of tanning in **tobacco hornworm,** 090671
of several foliage-feeding **tobacco insects.** [089967
tabacum 1. cv. Xanthi-nc **tobacco leaf** discs 089362
virus after inoculation of **tobacco leaves.** III 089413
chromatographic method for **tobacco lipid** a- 087891
Situation on Greek **tobacco market.** 082472
Tobacco mosaic virus infection of greenhouse 089331
nc tobacco leaf discs to **tobacco mosaic** virus 089362
Attachment of **tobacco mosaic** virus to host 089366
combined effects of **tobacco mosaic** virus & 089377
electron microscope grids. **[Tobacco mosaic** 089382
Replication of **tobacco mosaic** virus. V. Pro- 089411
vivo removal of protein from **tobacco mosaic** 089413
Translation of TMV **[tobacco mosaic** virus] 089414
chlorotic mottle virus, **tobacco mosaic** virus] 089419
Nicotiana tabacum 1. cv. Xanthi-**nc tobacco** 089362
problems of **tobacco necrosis** virus. [Hungary 089363
embryogenesis in **Nicotiana tabacum** L. [To- 086694
of nullisomic S in **Nicotiana tabacum.** [Toba- 087167
of tissue cultures of **Nicotiana tabacum** L. [087691
an isoperoxidase from **Nicotiana tabacum** ti- 087822
on local susceptibility of **Nicotiana tabacum** 089362
Oriental tobacco culture. 088513
Studies on **tobacco petal** primordia in culture 087697
Comparative studies on **tobacco pith** & sweet 087849
leaf form in **tobacco plantlets.** 087662
water rapour efflux in **tobacco plants.** 087693
during viral pathogenesis of **tobacco plants.** 087747
on some characteristics of **tobacco plants.** 088525
residues on 1971 U.S. **tobacco products.** 082888
oligonucleotide fragments of **tobacco rattle** v- 089347
Aerial detection of **tobacco ringspot** virus-in- 089389
of glucose from scopolin in **tobacco seedlings** 087896
of dark-sided cutworm on **tobacco seedlings.** 089966
with hand-held equipment. **[Tobacco, sucker** 091472
on growth & pigmentation of **tobacco tissue** 087692
in suspension culture of **tobacco tissue.** 087738
from Nicotiana **tabacum tissue** culture W-38 087822
Cowpea chlorotic mottle **virus, tobacco** mosa- 089419

TOCOPHEROLS
methods for determination of **tocopherols** (v- 082972
determination of alpha-**Tocopherol** (vitamin 083627
effect of emulgated alph **tocopherol acetate** 085521
IV. Investigations on **tocopherol content** in 083652
VII. Reactions of some **tocopherol oxidation** 083230
Vitamin E, **tocopherol quinone** & selenium in 090647

TOLERANCE
Tolerance to **anoxia** of cell fine organization 087742
ion concentration] **tolerance** in **barley.** 086916
Calcium tolerance test according to Klotz's 084062
requirement, yield, & **tolerance** to **clipping** of 088366
to taxonomic grouping & **habitat tolerance.** 086391
Tolerance of **half**-sib families of red maple to 089185
Increased tolerance to ethylene dibromide in 090206
On **tolerance** of **injectable** iron compounds. 084087
of inheritance of **tolerance** to **methyl** bromi- 090199
statistical analysis for **tolerances** of **noxious** 089606
Increase of **radiation tolerance** of developing 084385
Tolerance & reabsorption study of betameth- 084309
Salinity tolerance of Altai wild ryegrass & o- 087721
study of comparative **salinity tolerances** of 090286
Salt tolerance of grape, guava & olive plants 087929

TOLUENE
Effects of di-tertie-butyl-**hydroxy-toluene** (B 084430

TOMATO
two punch for increased profits. **[Tomatoes]** 082198
of stamenless-2 mutant in **tomato.** I. Compa- 086854
low temperature seed sprouting in **tomato.** 086859
plant growth substances in vitro. **[tomatoes]** 087969
Two forms of polygalacturonase in **tomatoes** 087978
water excess on plants: Example of **tomato** 087992
involved in sucrose metabolism. **[Tomatoes]** 088126
Lycopersicon esculentum fruit. **[Tomatoes].** 088127
two punch for increased profits. **[Tomatoes]** 088581
Produce your own seeds of **tomato.** 088626
to Phythium debaryanum. **[Tomatoes].** 089085
to cobalt chloride treatment. **[Tomatoes].** 089275
related physiological disorders. **[Tomatoes].** 089544
on synthesis of ethylene. **[Tomatoes].** 090070
Colletotrichum dematium. **[Apples, tomatoes** 089217
of abscisic acid. **[Tomatoes, avocados].** 088143
Nutritive content of **canned tomato** juice & 082960
A note on performance of **certain tomato** va- 088622
spp. **[Tomatoes, Corynebacterium** michigan- 089316
of NAC(carbaryl) in **tomato, cucumber,** lett- 090399
Yield response of **tomato** to **foliage** fertilizi- 091928
of cadmium by plants. **[Tomatoes, foliar** dia- 087434
Evolution of ethylene & **tomato fruit** ripeni- 088063
Characterization & control of **tomato fruit** r- 089219
microbiological properties of **green tomatoes** 083731
mosaic virus infection of **greenhouse tomato** 089331
Tomatoes to **grow.** 088726
Nutritive content of canned **tomato juice** & 082960
Direct dosage of iron in wine, **tomato juice** 083757
respiratory behavior of rin **tomato mutant.** 087122
Induction of male-sterile **tomato mutants** by 087004
dematium. [Apples, **tomatoes, nectarines].** 089217
Nigeria: prospects for a **tomato paste** indust- 082653
virus infection of greenhouse **tomato plant** 089331
of root structure in **tomato plants.** 088033
of ozone phytotoxicity in **tomato plants.** 089555
Parathion residues in **tomato plants** grown in 090320
properties of green **tomatoes preserved** by l- 083731
harvesting methods for **processing tomatoes** 082238
costs in multi-product **tomato processing** pl- 083703
respiratory behavior of **rin tomato** mutant. 087122
Seed transmission of **tomato ringspot** virus 089386
Seed transmission of **tomato ringspot** virus 089387
Redstaker a new **staking tomato.** 088601
Induction of male-**sterile tomato** mutants by 087004
Growing **trellised tomatoes** in western North 088829
on performance of certain **tomato varieties.** 088622
Pusa Lal Meeruti is new **tomato variety.** 088770
Direct dosage of iron in **wine, tomato** juice 083757
control of **tomatoes** on **Winward** Oahu. [Fer- 091896

TONE
Changes in **muscle tone** of cat's forelimbs d- 084324

TONGUE
application of clear-cutting in **tongue form** b- 086042

TONOPLASTS
Sucrose transport at **tonoplast.** [Corn]. 087817

TOOLS
Chemical tools in fruit production. [Growth 088119
Choice of tooth & **disc tools** for soil tillage 091343
from maize scutella: a new **genetic tool.** 087059
producers have new market **information tool** 086273
Hedging as a **marketing tool** for Western ca- 082332
Drive **rotary tools.** [Tillage equipment]. 091344
of length scale in tillage **tool similitude** stud- 091383
Chain scythe, a **simple tool** for controlling 089711
Utilization of **statistical tool.** [Dairy produc- 083375
Increasing economy of **working tools** [Wood 086159

TOPCROSS
Topcrossing in **pig** breeding. 084971

TOPDRESSINGS
Effect of **topdressing** & **liming** on uptake of 087808
Nitrogen topdressing for more panicles & sp- 091908

TOPOGRAPHY
Topography of **scent** scales of male cabbage 090569

TOPPING
Response of mechanically-**topped apple** trees 088053
on steady infiltration through **crust-topped** t- 091592

TORRENTS
discharge attenuation by **torrent training** d- 092244

TORSION
Torsion of **spleen** & anthracose fibrosis in l- 085742
Relation between **torsional strength** of water 086268
rigidity of solid wood by **torsional vibration** 086154

TORTRICIDAE
of Japan (Lepidoptera: **Tortricidae).** I. 091015
orana F.R. **(Lepidoptera, Tortricidae).** 2. Do- 090059
Tortrix viridana L. **(Lepidoptera, Tortricidae)** 090173
orana F.R. **(Lepidoptera, Tortricidae).** 2. Do- 090751
tedella Cl. **[Lepidoptera, Tortricidae).** 090847

TORTRIX
conditions to green oak leaf **roller, Tortrix** v- 090173

TORULA
Cladosporium herbarum & **Torula herbarum** 086744
yeast, fish meal & **Torula supplemented** with 084707

TORUS
On **Erionota torus,** a new species of insect 090085

TORYMIDAE
On **torymid-fauna** of Mongolia (Hymenopte- 090875

TOURISM
Agriculture & **tourism.** 082042
profitability of **"Farm tourism".** 082116
Foreign travel with dogs & cats. [Veterinary 085124
Travelling with **pigs.** 084000

TOWERS
sprayed in a modified potter's **tower against** 090134

TOXICITY
permitted colours in food & their **toxicity.** 082806
Toxicity of **acephate** & diazinon to harlequin 090035
Food intake regulation: amino **acid toxicity** 084264
Toxicity, anti-neoplastic, & coagulation effec- 087448
Toxic action of some **antibiotics** & their ina- 090294
Toxicity & anticholinesterase activity of hal- 089809
toxicity relationship of **botulinal toxin** types 082878
Effects of Clostridium **botulinum toxin** type 085193
Bovine toxic mastitis. 085382
Cadmium toxicity in growing swine. 085784
Toxicity of **carbamult** to bees under laborat- 089826
for Helminthosporium **carbonum toxin** -sear- 089193
Toxic chemicals as friends & foes. [Pesticid- 090361
Pesticides manual: **classification, toxicities,** 090358
Characterization of **toxic compound** in ther- 082846
Elm spanworm: **contact toxicity** of ten insec- 090125
Western tent caterpillar: **contact toxicity** of 090126
of alfalfa & decrease of **toxicity danger** in b- 088307
Disulfide--toxicity relationship of botulinal 082878
Antitoxic effect of emulgated alph tocopherol 085521
Examinations on **toxic effect** of Linurone. [085787
activity. 2. Hormonal & **toxic effects.** [Bovi- 090250
manual: classification, **toxicities, formulation** 090358
Toxicity to **goats** of Ipomoea carnea. 085799
Toxic heavy metals in vegetables & forage g- 082698
Toxicity of **Helenium** amarum (bitter sneez- 085794
Effects of **toxin** of **Helminthosporium** maydis 089138
Waste oil: **Toxic** for **horses.** 085800
on biological assay of **toxicity** of **imported** g- 082740
Toxic ingredients of technically processed c- 091842
Insecticide toxicity to honey bees. 090317
Accumulation of **toxic levels** of phosphorus 089456
significance of some **toxic mammalian** meta- 090375
Bovine **toxic mastitis.** 085382
"molasses toxicity" in Cuba. [Beef, Sugarca- 084698
rhodamine WT dye for **toxicity** to **oysters** & 090354
Toxicities of **pesticides** to some fresh water 090400
observed on agar plate **polyoxin toxicity** test 089281
Toxin production by Helminthosporium ma- 089211
misuse of urinary acidifiers. **[Toxic reactions** 085769
Disulfide--**toxicity relationship** of botulinal 082878
Relative toxicity of sulfur dioxide, carbon di- 091123
Helminthosporium carbonum **toxin -search** f- 089193
Enzymic character of **toxic substances** relea- 087639
on agar plate polyoxin **toxicity test.** 089281
Growth & **toxicity tests** on marine nanopla- 087363
Immunization of foals against **tetanus toxin.** 085231
Toxicity of **thiabendazole,** benomyl, methyl 090376
Effects of Clostridium botulinum **toxin type** 085193

relationship of botulinal **toxin types** A, E, & 082878

TOXICOLOGY
possiblilites of **toxicological-chemical** control 082859
limitation of **toxicological research** of food. 082708
toxicology, 1966-1970, of All-**Union** Institute 085791

TOXIGENICITY
of metabolites from several **toxigenic fungi.** 082801

TOXOCARA
SEE ASCARIDAE

TOXOPLASMA
Association of **toxoplasmosis** & **cats.** 085199
its transmission. [**Toxoplasma gondii,** cats]. 085221

TOXORHYNCHITES
XXIII. Eggs of **Toxorhynchites amboinensis** 090739

TRACE
Effect of **certain trace** elements on growth 089096
Chelated trace minerals for G-F swine. 084223
Problems of mineral & **trace element** provis- 084514
Trace element effects upon municipal, indus- 092319
Trace elements--toward definition of dietary 082981
of amount of elements & **trace elements** in f- 083180
homogeneous" mixing of **trace elements** in 083873
Trace elements in farm animals. [Feeding]. 084391
Importance of **trace elements** to further int- 084474
homogeneous" mixing of **trace elements** in 084475
Trace elements in pasture & their effects on 085710
Role of **trace elements** in nutrition of plants 087455
Influence of some **trace-elements** on growth 087598
Influence of some **trace-elements** on growth 089271
Importance of **trace elements** to further int- 091820
Adsorption of **traces** of **insecticides** from wa- 090405
determination of **traces** of **insecticides** in air 090406

TRACHEAL
reconstruction for **collapsed tracheal** rings. 085034
Tracheal fistula technique for goats. 084237

TRACKING
of molasses on **tracks** & **roads.** 082336
Studies of re-vegetation in **vehicle tracks** in 092048

TRACT
examination of G.I. [Gastrointestinal] **tract.** 084999
of digesta along **alimentary tract** of rabbit. 084041
magnesium & calcium from **alimentary tract** 084656
Parasitic invasions of **alimentary tract** of br- 085429
bacteria isolated from **alimentary tract** of s- 085576
acting of some fluids of sexual **tract cattle** & 084345
disease of respiratory **tract, caused** by Aspe- 085470
suis eggs passed through **digestive tracts** of 085406
during passage through **genital tract** of bull 084091
spermatozoa, & tissues of bull **genital tract** 084100
management of lower urinary **tract injuries** 085768
on pathology of female **reproductive tract** of 085364
Infections of upper **respiratory tract.** [Hors- 085535
conferred by guanine-cytosine-**rich tracts.** 087688

TRACTORS
insurance of motorized equipment. [**Tractors** 082304
a safer PTO. [Power take-off, **tractors**]. 091308
Adaptation of mower CPM-2,1 to **tractor** U 091420
of subsoil under vibratory load. [**Tractors**]. 091445
First steps in widespread use of **tractors,** 19 091468
of subsoil under vibratory load. [**Tractors**]. 091685
of overhauls of **agricultural tractors.** 082287
Prospects for **agricultural tractors.** 091433
Farm **tractor costs.** 082204
Design of a **tractor-drawn** irrigaiton channel 091382
adhering machines. 1. **tractor driver** endang- 091462
thermal loading of **tractor engines.** 091310
Farm tractor costs. 082204
state & structure of machine & **tractor fleet** 082169
Stress on high performance **tractor gears.** 091393
motive & evaluation of **increasing tractor** pe- 091406
in Greece; costs analysis of **tractor labor** in 082296
Stress on high **performance tractor** gears. 091393
evaluation of increasing **tractor performance** 091406
Tractor power at top. 091323
Standard tractor, self **propelled tractor,** sys- 091475
related to expansion of **tractor system** in H- 091311
tractor, self propelled **tractor, system** tractor 091475
Economics of **tractor utilization.** 082245
Economics of **tractor utilization.** [Costs, ret- 082246
Economics of **tractor utilization.** 091373
in selection of **tractors** for **viticulture.** 091405
vibrations at driver's seat of **wheel tractor.** 1 091392

TRADE
futures contracts on Chicago Board of **Trade** 082476
Summary of Canadian **trade agreements** with 082323
of German **Agricultureforeign trade** in Bene- 082435
Feedlots in Australia. [**Beef trade,** Japan]. 082380
World **beef trade** patterns. 082384
Summary of **Canadian trade** agreements with 082323
dominate new thrust in U.S.-**China trade.** 082385
Coffee trade: problems & uncertainties for f- 082372
distribution of **trading & commission** income 082476
views on improvement, **cultivation, trade,** & 088484
polletizing of lumber in **domestic trade.** 086218
vegetables & fruits in **foreign trade** of Germ- 082413
More meat! [**Foreign trade**]. 082431
Wood products in **foreign trade.** 086223
June 1973, Meat **trade intelligence.** 082354
measures in view of **international trade** in f- 083018
Feedlots in Australia. [Beef **trade, Japan**]. 082380
Meat, Rome, 25-29 June 1973, **Meat trade** 082354
Brazil will surpass Argentina in **meat trade** 082469
Validamycin (**trade name:** Validacin), new a- 089113
Calves to be sought. [**Outlook, trade**]. 082592
A new **trading pattern** will be established. [082317
World beef **trade patterns.** 082384
of Malayan canned **pineapple trade.** 082433
picking pummelos in Sicily. [**Trade, policies** 082397
U.S. dairy farmers. [Dairy **products, trade**]. 082401
Trade teams report prospects good for U.S. 082386
prepared sandwiches for **vending trade.** 082827

TRADESCANTIA
in plants. [Primula **obconica, Tradescantia** v- 088030
in bud meristems of **Tradescantia paludosa.** 087339

TRAILER
Braking of **trailers & adhering** machines. 1. 091462
centre of gravity of single-**axled trailers.** 091376

TRAILS
Extensive **fertilizer trails** on AC-134 & B.S. 091962
of instructive paths. [**Nature trails**]. 092414

TRAINING
riding horses at different stages of **training.** 084367
New concepts in **training apple** trees. 088683
who attended forestry **apprentice training** c- 085840
Some problems in **training cadres** for work 084014
forestry apprentice **training centres.** 085840
attenuation by torrent **training dams.** 092244
Rural **development training** in Maysore Sta- 081973
Improving **economic training** of apiculturists 091190
Training engineers in automation techniques 086158
investigation into **training** of **entomologists** 090773
Training farm managers after Dusseldorf m- 081927
Factors affecting river **training--flood** plain 092196
Factors affecting river **training flood** plain r- 092199
Results of post **graduate training** in food in- 083062
Research & **training / INIAP** [National Ins- 088944
Training of **lower** reaches of Mondego River 092184
Review of river **training measures** in India. 092175
Training for **meat** industry in Debrecen. 083434
models for solution of river **training proble-s.** 091262
of mechanization, tasks of **research, training** 091466
models for solution of **river training** proble- 091262
Factors affecting **river training.** [Flood cont- 092115
Factors affecting **river training,** & flood plain 092171
Factors affecting **river training.** [Flood cont- 092174
Review of **river training** measures in India. 092175
State of art of **river training** in Brahmaputra 092177
basins & their effect on **river training.** [Flo- 092178
Some aspects of **river training** & flood contr- 092182
River training of lower Colorado River. [Fl- 092185
Factors affecting **river training--**flood plain 092196
River training in Victoria. [Flood control]. 092197
Factors affecting **river training** flood plain r- 092199
Training scientific cadres at All-Union Insti- 085112
Effect of recor.struction of **training shape** of 088910
Guidelines to **training** a **texture** profile panel 083153
discharge attenuation by **torrent training** d- 092244
variations induced by **training** in **trotter** hor- 084297
to yields of three apple **varieties trained** to 088082
Veterinarians trained in schools of public h- 085120
river morphology in design of **training works** 092176

TRANSAMINASES
Transaminase activities of tissues of day-old 084195
Glutamate oxaloacetate **transaminase activi-y** 088127
oxaloacetate **transaminase isozymes** in diplo- 086869
Plasma glutamic **oxalacetic transaminase** as 085264

TRANSFER
An **arginyl-transfer** ribonucleic acid protein 087846
Transfer of **Aster** gentryi Standl. to genus 086507
analysis of **transfer** of **certain** proteins from 084171
on heat & mass **transfer coefficients.** 083678
Direct transfer of gas forming ammonia from 088112
Transferable drug-resistance among Escheri- 085494
Energy transfer from carotenoids to chloro- 087473
Inhibition of **energy transfer** reactions in sp- 088040
Enzymatic transfer of mannose from guanos- 087270
plant stem tissues in **transfer** of **excitation.** 087375
Schlegelia costaricensis. A **familial tra.sfer** 086526
Mechanisms of **transfer** of **immunoglobulins** 084076
Reduction of **iodine transfer** to milk of cows 084233
velocity on heat & **mass transfer** coefficients 083678
Burrow sharing & **nest transfer** in digger wa- 090448
discrimination during **placental transfer** & f- 084320
upon foetal growth rate & **placental transfer** 084801
to consider at time of **transfer** of **property** of 082520
Inhibition of energy **transfer reactions** in sp- 088040
Transfer of **Relbunium** sphagnophilum (Rub- 086542
species of tryptophan **transfer ribonucleic** ac- 087327
An arginyl-**transfer ribonucleic** acid protein 087846
to ribosomal & **transfer ribonucleic** acids. [087970
in isoaccepting species of **transfer RNA** dur- 090534
root distrubance, & **seedling transfer** on fluo- 087675
Spermatophore formation & **sperm transfer** 090498
A method for **transferring Streptococcus** the- 083333
potentials in **transfer** of **substances** in higher 087376
isoaccepting species of **tryptophan transfer** r- 087327

TRANSFERASES
phosphates & **mannosyl transferases** in Pha- 088146
transfer ribonucleic acid **protein transferase** 087846

TRANSFERRIN
On **transferrin concentration** in blood serum 084373

TRANSFORMATION
Functional **transformations accompanying** in- 090592
transformation of **accumulated** substances in 087741
Rous sarcoma virus **transforming activity** by 085580
reproducing & cell-**transforming capacities** of 085581
of water in **transformation** of **carotenoids.** [087196
pigments. I. **Transformations** of **carotenoids** 087921
Transformation of **dicamba** in Regina heavy 089674
Tables for **transformation** of **effective** units 086236
Complementation of **transforming functions** 085584
Nitrogen transformations in soils. I. In san- 091779
Nitrogen transformation in soils. II. In san- 091780
isomerism on rate of **phenol transformation** 091699
Photochemical transformation of thiophanate 089169
Biotransformation of **progesterone** by suspe- 087510
Two systems that **transform** a two-**ranked** s- 087012
oxide of nitrogen] **transformation & redox** p- 091555

TRANSLATION
Translation of **brome** mosaic viral ribonucleic 089353
Translational control in barley coleoptiles by 087689
Mitochondrial translation products before & 087369
Translation of **TMV** [tobacco mosaic virus] 089414

TRANSLOCATION
Translocation of 14C[carbon]-indoleacetic a- 087940
by eggplant from soil & their **translocation** 088214
map positions of genes & **AB translocation** 087031
Autosomal translocations in two exotic bree- 084954
absorption & **translocation** of **boron** in oil p- 091846
marker & a **chromosomal translocation** in n- 090844
Investigation of **translocations** by **diallel** cro- 086834
Penetration & **translocation** of **herbicides.** 089667
mutants located by A-B **translocation meth-d.** 087034
Translocation & persistence of 2,4-D [2,4-di- 089745
planted in pot, & their **translocation** in **plant** 090097
mutation & a **reciprocal translocation** in case 087160
On **translocation** of **soil** residual organochlo- 082737
heterozygotes for **translocation TB**-9b. [Corn 087019

TRANSMISSION
Toxoplasmosis & its **transmission.** [Toxopla- 085221
On **transmission** of **age** changes in woody pl- 086017
pigeons & its **transmission** to other **animals** 085517
Attempted transmission of Theileria gorgonis 090297
temperature on **transmissibility** of **citrus** tris- 089378
Comparative transmission of maize dwarf m- 089394
aspects of **transmission** of **Dirofilaria** immitis 090298
maydis as influenced by **transmissible disease.** 089211
rufipes (Eichh.), in **transmission** of **Dutch** E- 090155
particles with aid of **transmission electron** 091505
associated with **transmissible enteritis** (blue- 085280
resistance to **transmissible gastroenteritis** of 085310
that gene Sn controls a **graft-transmissible** i- 087955
Mechanical transmission of Euonymus mosa- 089335
Natural routes for post-**natal transmission** of 085419
mechanism of **neuromuscular transmission** in 090437
Transmission of **Nosema** disease from infect- 091171
Transmission of **pea** enation mosaic virus by 089429
in dogs & its **probable transmission** from ca- 085407
Transmission of **Rhynchosporium** secalis on 089002
mode of **transmission** of **sarcosporidiosis.** 085300
Seed transmission of tomato ringspot virus 089386
Seed transmission of tomato ringspot virus 089387
Transmission of **stem** pitting of pear & cher- 089334
tetanus toxin. II. **Transmission** of **tetanus** a- 085230
Transmission of **Theileria** hirci in sheep by 085525
Isolation & **transmission** of **virus** of infectio- 085565
Lucerne mosaic **virus transmission** by Myzus 089368
Prediction of **water transmission** in conditio- 091891

TRANSPARENCY
on respiration rate in **yellow transparent** ap- 087982

TRANSPIRATION
with pre-sale application of **antitranspirants** 087944
levels on water **content, transpiration** rate, 088300
photosynthesis & **transpiration** as **functions** 087323
On **transpiration & photosynthesis** of sugar 087784
usefulness of **antitranspirants** for **solution** of 087322

TRANSPLANTS
Which paddy variety to **transplant** when. [R- 088490
of non thinning **transplanting cultivation.** 091384
of thinning method in **transplanting culture** 088429

from paper-pot in **transplanting culture** of s- 088431
control of wireworms & **transplanting flue-c-** 089968
Transplanting of **imaginal** discs of Drosophi- 090620
seedling raising. 2. [**Machine transplanting**] 088311
Transplantation methods of fertilized ovum 084878
Transplantation of **nuclei** into protoplasts of 088233
Ova transplants require surgery. 085079
on saving labor in **paperpot transplanting** sy- 088436
Experimental **renal transplantation** in dogs 084985
fruit-set in **transplanted seedlings** of papaya 088188
Autologous **tendon transplantation** in horse- 085130

TRANSPORTATION

Relations between horticulture & **transport** 082424
meat & meat products in **transportation.** 083416
Relations between horticulture & **transport** 088801
II. Different amino **acid transport** pattern in 084365
Regulation of amino **acid transport** in chick 084096
Ca2 [calcium] **transport activity** in mitocho- 087232
of a mediation as an **adaptive transport** syst- 084096
water transport in **transport** in **agricultural** 091364
Alkaloid transport in plants. 087626
of ethylene modification of **auxin transport.** 087845
on potassium & **calcium transport** from with- 087861
of methods for **transportation** of **cattle** by ra- 082363
Active sodium & **chloride transport** across r- 084101
area & long **distance transportation** of fresh 082328
areas & long **distance transportation** of fresh 082330
number of vehicles, **transportation distance** 082467
area & long **distance transportation** of fresh 083243
areas & long **distance transportation** of fresh 091320
Transport, distribution, & degradation of ch- 090366
Optimal **transporting drives.** [Food industry 083168
Transport economy & molasses, introduction 082335
Efficient transportation of corn in Alabama. 082400
Electron transport between plastoquinone & 087278
driven reverse **electron transport** in chlorop- 088039
Services in **external transport** for peasant fa- 082443
Investigations on **transport function** & struc- 090521
evidence for **transport** of **haemolymph** prote- 090686
barley roots in relation to **transport** of **ions** 086818
of cycloheximide on L-**leucine transport** by 087415
losses during **transportation** of **liquid** feeds a- 083912
Ships for animals. [**Livestock, transportation**] 082470
Light skyline systems. [**Log transportation**] 086104
Harvesting, storage & **transport** of **mango.** 083691
storage & **transportation** of **mangoes.** 083692
routing technique. [**Milk, transportation**]. 082418
Transportation of **molasses** on tracks & roa- 082336
building of internal-unit **transport networks** 086163
Optimal transporting drives. [Food industry 083168
II. Different amino acid **transport pattern** in 084365
A method of drafting timber **transport plan** 086110
Dispersion & **transport** of **rhodamine** B dye 090322
Sea transportation of sawn tropical hardwo- 086107
of bed-load theories to **sediment transport** d- 092209
degrees C on their **subsequent transport** & f- 084778
by cytochalasin B of **sucrose transport** in is- 087335
Sucrose transport at tonoplast. [Corn]. 087817
which occur during **transport** from **supplier** 082769
moth ovaries: sites of **synthesis, transport,** 090593
mediation as an adaptive **transport system.** 084096
A method of drafting **timber transport** plan 086110
distance & capacity of **transportation unit** in 082467
On building of internal-**unit transport** netwo- 086163
among number of **vehicles, transportation** di- 082467
Model calculations on **vertical transport** of 091611
Volatila transport in frozen aqueous solutio- 083054
Volatile transport in frozen aqueous solutio- 083053
a new low cost material for **water transport** 091364
corn in Alabama. [**Waterway transportation**] 082400

TRANSVERSE

body of wood in **transverse compression.** II. 086185

TRAPS

elder shoot borers used as lures in **traps.** [A- 090033
earworm males in electric grid **traps baited** 089916
Heteroptera) based on light **trap data.** 090441
on physiology of nematode-**trapping fungi** (089445
A battery driven light source. [**Insect traps**] 090555
Southern potato wireworms: **light-trap** catc- 090031
diniana (Gn.) in **monitoring traps** under diff- 090117
Trap-nesting solitary bees for students of bi- 090899
New products, use of **pheromone traps** & ti- 090022

TRASH

SEE WASTE

TRAUMA

syndrome in a cat following **cervical trauma** 085749
Clinical significance of **traumatic occlusion** of 085773
tract injuries associated with **pelvic trauma.** 085768

TRAVEL

SEE TOURISM

TREES

density by average distance between **trees.** 085991
of sap flow rate determination in **trees.** [Ha- 087979
Gypsy moth: a major pest of **trees.** [Porthet- 090164
displacement in young peach & **almond tree** 087993
Anthracnose of **almond tree** in France. [Glo- 089021
Producing **apple trees** free of known viruses 086924
Experimental mutations in **apple trees.** 086951
on growth & abscission of young **apple tree** 087934
Shoot growth of young **apple trees** as influe- 087935
acclimation in 'Red Delicious' **apple trees** u- 087937
generative development of **apple trees** grown 087951
Latent potential for growth in **apple tree.** 088022
Response of mechanically-topped **apple trees** 088053
Alar) on winter hardiness of **apple trees.** 088213
knowledge on proliferation in **apple-trees.** 088238
New concepts in training **apple trees.** 088683
Apple trees on EM-26 at Rutgers Fruit Res- 088830
with sudden decline & death of **apple trees** 089223
Alar) on winter hardiness of **apple trees.** 089571
on chemical mutagens on **apple tree** seeds. 086952
Apricot-tree (Prunus armeniaca L.) cv. 'ton- 089099
a most serious fungal parasite of **aspen trees** 089019
control of ants. [Formicidae, **trees, austria**]. 090169
Tree bee stocks in South Caspian lowland f- 091068
Comparative testing of **tree blower** sprayers 091467
to intensive culture & forest **tree breeding** of 086041
of an anthracnose fungus on **broadleaf trees** 089111
biological amelioration by **broadleaved tree** 091664
A new source of haploidy in **cacao tree** (Th- 086882
to larvae. [Malacosoma **californicum, tree** p- 090126
Camphor tree & camphor production. [Cinn- 088974
A study of nutrient removal by **cashew tree.** 088075
money in farm woodland? il. **Christmas tree** 085989
Green bands & **Christmas trees.** 086002
Weed control in **Christmas trees.** 089741
of phosphoric acid to juvenile **citrus tree** on 087926
growth & nutrient absorption of **citrus trees** 088023
Fruit bearing zones in California **citrus trees** 088596
Lightning & decline of **citrus trees** in Florida 089461
of mutant forms from sugi plus **tree clones,** 086035
Redistribution of fungicides in **coffee trees.** 089048
on yields of herbage & **tree components** in s- 088528
Development of **tree crop** procuction in sou- 088975
Interrelations of cedar & **deciduous trees** in 086622
Tree density effects on yields of herbage & 088528
records of pome & stone fruit **tree diseases** f- 089087
moth likes suburbia. [Porthetria **dispar, trees,** 090144
Fruit **tree espalier.** 088729
of stand density of **trees** & **fertilizers** in t he 088904
on determination of most resistant **fig trees** 089336
Contribution to reconstruction of **forest tree** 085841
Conservation of **forest tree** gene resources in 086010
Technical pruning of **forest trees** with a new 086016
Approach to intensive culture & **forest tree** 086041
moisture-stress-plot" technique. [**Forest trees**] 086086
in major commercial species. [**Forest trees**] 086109
on net assimilation of young **forest trees.** 088265
Physiology of **forest trees.** 4. 088295
to knowledge of effect of **forest tree** species 091666
on control of ants. [**Formicidae, trees,** austr- 090169
Producing apple **trees free** of known viruses 086924
Radiation breeding of **fruit trees** in Canada. 086997
Rejuvenating kernel-**fruit trees** in an intensi- 087185
Studies on fruiting of **fruit trees.** 2. [Apple, 087925
of phosphoric acid application on **fruit trees.** 088100
examination for growth energy of **fruit-tree** 088103
Pollination & planting of **fruit trees.** 088211
Trends of **fruit tree** shaping in CMEA count- 088663
Fruit tree espalier. 088729
in field-experiments with **fruit-trees.** 088807
Right measure in **fruit tree** prunning. 088854
Pruning of **fruit trees.** 088885
Rejuvenating kernel-**fruit trees** in an intensi- 088938
New records of pome & stone **fruit tree** dise- 089087
Armillaria [Mellea]root-rot of **fruit trees.** 6 089153
of iron deficiency chlorosis in **fruit trees** in 089477
in fighting fungus aand mites on **fruit trees** 089489
results of winter freeze injury on **fruit trees** 089536
Chemical herbicides in **fruit tree** & berry cu- 089640
Leaf rollers of **fruit trees.** [Capua reticulana 090046
of phosphoric acid application on **fruit trees.** 091925
Fire blight susceptibility of **fruiting trees** of 089300
size, bearing surface & yield of **tree fruits** & 088863
Weed control in **tree fruits;** eastern Washin- 089739
Conservation of forest **tree gene** resources in 086010
pools & their conservation. [**Tree genetics**]. 086013
of certain kinds of **trees** in **Golodnaia** Steppe 087624
Lumber grade yields from **graded trees** of fi- 086197
generative development of apple **trees grown** 087951
Contribution to study of **hazel tree.** [Corylus 088866
insects on early defoliation of **hazelnut trees** 089994
Tree hazels. [Corylus]. 086313
study of coconut leaves from **healthy trees** 089410
Damage to roots of maiden **trees held** in cold 089472
by means of a **tree improvement** program. 086009
A few unusual narrow-**leaved trees.** [Evergre- 088689
abscission of young apple **tree leaves.** 087934
on distribution of plants & **trees, locally** & 087410
th e processing system from **tree** to **lumber** 086128
Damage to roots of **maiden trees** held in cold 089472
defoliation of Satsuma **mandarin trees.** 089518
cards in recording data of **trees marked** for 085899
work in Soviet Union to **mechanize tree** & 088664
Morus nigra L.) species of **mulberry tree** & 087162
of cultivation of **mulberry trees** in southern 088092
Nursery **trees must** be true-to-type. 088633
Fruit & **tree nut** research at Western Regio- 083726
Nut trees to grow in suburbs. 088692
Indoor grafting of **nut trees.** 088846
Thoughts on expanding ranges of **nut trees.** 088851
activities at Dried Fruit & **Tree Nut** Insects 090180
fall & embryonic processes in **olive trees.** 088070
Pruducing **patio trees.** [Varieties]. 088811
Sclerotinia cinerea in cherry & **peach trees** 089126
Varietal behavior of **peach tree** to bacterial 089295
diseases & what they mean to **peach trees** & 089397
What is cause of death of young **peach trees** 089559
Experience in growing **pear-trees** in form of 088935
Twelve nearly **perfect trees.** [Gardens]. 088691
to larvae. [Ennomos subsignarius, **tree pests** 090125
Malacosoma californicum, **tree pests**]. 090126
suburbia. [Porthetria dispar, **trees, pests**]. 090144
of removing pole-blighted western **pine trees** 089575
injurious insect pests to **Pinus tree.** 090158
of fertilization on growth of **trees planted** on 091836
Some problems in **planting trees** in inhabited 085998
in young peach & almond **tree plants** & their 087993
More than 500 wood **producing tree** species 086006
Pruning operation by **tree pruning** machine. 086130
Right measure in fruit **tree prunning.** 088854
On growth of **regeneration trees** & environ- 088258
on chemical mutagens on apple **tree seeds.** 086952
Place a **tree** to **shade** house. 088713
Trends of fruit **tree shaping** in CMEA count- 088663
New plants from **tree** & **shrub** cuttings. 088730
Phytonicidal properties of **trees** & **shrubs** in 088241
Trees & **shrubs** for summer bloom. 088751
Estimates of **tree size,** bearing surface & yie- 088863
Small trees with flowers. 088690
landscapes, ground covers to **small trees.** 088903
to reconstruction of forest **tree species** in fo- 085841
Optimization of **tree species** composition fr- 085944
Influence of **tree species** on organization & f- 085949
More than 500 wood producing **tree species** 086006
germination & survival of **tree species** direct 086091
New **tree species** from Esmeraldas, Ecuador. 086508
amelioration by broadleaved **tree species.** [P- 091664
to knowledge of effect of forest **tree species** 091666
of a stem volume table for **standing tree** of 085970
Growing **street trees** in containers. 088652
Research on trunks of **trees submerged** in R- 086174
to larvae. [Ennomos **subsignarius, tree** pests 090125
Trees in **trouble.** [Diseases, control]. 089482
acid) in control of aphids of fr **uit trees.** [P- 090052
of seed from tapped & **untapped trees** in chir 086032
for growth energy of fruit-**tree varieties** & r- 088103
mechanical trimming of **trees** from **viewpoint** 086045
Corrective pruning young black **walnut trees** 088845
Weed trees in city: Horticultural derelicts or 089598
Weeping trees. 088896
Breeding work on indigenous **wild trees-a** w- 086925
Trunk development of **young trees.** [Ornam- 088595

TREFOIL

two diverse sources of **birdsfoot trefoil,** Lotus 086905
intersource crosses of **birdsfoot trefoil,** Lotus 086906

TRELLIS

Growing trellised tomatoes in western North 088829
Response of cucumber to **trellis vs.** Ground 088681

TREMATODA

variac McIntosh, 1932 (**Trematoda**). 085408
infestation & other **trematodes** in **animals.** 085426
of insect pest-parasitoid & **snail-trematode** s- 089478

TREMULA

SEE POPULUS

TRENCH

Cutoff trench walls. [Drainage structures]. 091300
My "organic-**trench-method**" potatoes. 088762

TREPONEMATACEAE

dysentery. [**Treponema hyodysenteriae**]. 085203

TRIANGLE

farm size & machinery use: **Triangle Area** of 091455

TRIATOMA

Description of a new species of **Triatoma** [r- 091025
N-geranylaniline moiety. [**Triatoma infestans**] 090230
specific proteins in **Triatoma infestans** hae- 090691

TRIAZINE

with parts of **Triazin** for **controlling** plants 089723
of chloro-s-**triazines** in **soil** by gas-liquid chr- 089675

TRIAZOLE

amino-1:2:4-**triazole** with **lactoperoxidase.** [084054

TRIBAL

Ant larvae of six **tribes:** second supplement 090965
Diptera). II. Genera of **tribe Diachlorini.** 090967
XI. A new **tribe, Eremothamneae.** 086534
American black flies of **tribe Prosimuliini** (S- 090892
Tribal revisions in Asteraceae. IV. relations- 086515
Tribal revisions in Asteraceae. V. relationsh- 086527

[illegible]
086530
Tribal revisions in Asteraceae. IX. relations- 086532
Tribal revisions in Asteraceae. X. relationsh- 086533

TRIBOLIUM
in sensitivity of X-irradiation in **Tribolium.** I 090771
in sensitivity to X-irradiation in **Tribolium.** 090772
Light responses of **Tribolium castaneum** & 090202
generations of **Tribolium castaneum** (Herbst 090204
a field population of **Tribolium castaneum** 090206
Light responses of **Tribolium castaneum** & 090726
generations of **Tribolium castaneum** (Herbst 091271
Tribolium confusum: food additives as ovicid- 090195

TRICHINELLA
of guinea pig with **Trichinella spiralis.** 085339

TRICHLORFON
I. Influence of **Neguvon** on **certain** clinical 085775

TRICHLOROETHYLENE
from wax residues using **trichloroethylene.** 083202
from bee combs by **trichloroethylene.** 091206

TRICHLOROPHENOL
of ronnel and/or 2,4,5-**trichlorophenol.** 082682

TRICHOMES
Fine structure of **trichome hydathodes** of M- 086816
by inhibitiion of **trichome-migration** of blue- 089603

TRICHOMONADIDAE
of Pristina. [**Trichomonas, Tricercomonas,** 085552

TRICHOPHYTON
SEE MONILIACEAE

TRICHOPLUSIA
of granulosis virus **infected Trichoplusia** ni l- 090564
Control of cabbage **looper, Trichoplusia** ni, 090012
scales of male cabbage **looper, Trichoplusia** 090569
polyhedrosis virus, **Trichoplusia ni,** biological 089992

TRICHOPTERA
of net-spinning caddisflies **(Trichoptera)** of a 090759
of Rhyacophila nubila Zett. **(Trichoptera)** u- 090852
XVI. genus Austrotinodes **(Trichoptera:** Psy- 090907
A probable **caddis fly** hybrid. [Micropterna 090958

TRICHOSPORON
Trichosporon capitatum, a constituent of fu- 084052
sp.Nov. & **Trichosporon pullulans.** 086405

TRICHOSTRONGYLUS
Cooperia, Ostertagia, & **Trichostrongylus].** 085570
contortus & **Trichostrongylus colubriformis** 085558
Ostertagis, **Trichostrongylus, Cooperia].** 085340
Ostertagia, **Trichostrongylus, Cooperia** onco- 085341

TRICHURIS
Infectivity of **embryonated Trichuris** suis eg- 085406

TRIDENS
SEE TRIODIA

TRIFLURALIN
Persistence of **trifluralin** under **field** conditi- 089625

TRIFOLIUM
SEE LEGUMINOSAE

TRIGLYCERIDE
chain fatty acid (C9) [carbon] **triglycerides** 084162
reactors for **hydrogenating triglyceride** oils. 083130
Milk triglycerides: degree of non-random as- 084229
acid content in **triglycerides** by **pancreatic** l- 082876
of **triglycerides** by means of **pancreatic** lipase 083185
free fatty acids & **triglycerides** to **starving** & 084107
Triglyceride structure of milk fats. 083302

TRIGONELLA
of glycosides from **Trigonella corniculata** Li- 087356
igogenin from **Trigonella foenum-graecum** ti- 087447
mineral content of **Trigonella foenum-graec-** 087575

TRIIODOBENZOIC
Effect of 2,3,5-**triiodobenzoic acid** on bitter 087939

TRILLIUM
chiasma formation. [**Trillium erectum].** 086770
cell division by blue light. [**Lilium, Trillium.** 088026

TRIMETHYL
cyocecel (2-chlorethyl) **trimethyl ammonium** 087261
CCC (2-chloroethyl **trimethyl ammonium** ch- 088188

TRIMETHYLAMMONIUM
chloroethyl) **trimethylammonium chloride]** 087878
chlorethyl) **trimethylammonium chloride)** on 089852

TRIMMING
Judgement of **mechanical trimming** of trees 086045

TRINERVITERMES
Trail pheromone of **termite, Trinervitermes** 090695

TRIODIA
Larval development of **Diplotriaena tridens** 090457

TRIPHENYLTIN
fentin acetate **(Triphenyltin acetate)** in soil 089168

TRIPHOSPHATASE
of high adenosine **triphosphatase activity** in 084142
Salt-stimulated **adenosine triphosphatase** fr- 088158

TRIPHOSPHATE
Adenosine 5'-**triphosphate** sulphurylase from 087256
of in vivo ATP **[adenosine triphosphate]** syn- 087687
ATP **[adenosine-5'-triphosphate]** stimulates 087913
Seedling vigor & **adenosine triphosphate** lev- 087952
ATP **[adenosine triphosphates]** driven rever- 088039
inhibition of ATP **[adenosine triphosphate]** 089541
on extraction of **adenosine triphosphate** from 091521

TRIPLOIDS
Formation of **triploid** "plantlets" in endospe- 086831
seed set in crosses for **triploid day** lilies. [H- 086873
dosage in diploids & **triploids** of **Drosophila** 090474
on germination in diploid & **triploid mono** g- 087001

TRIPSACUM
two different **Tripsacum chromosomes** that 087011
introgression between **Tripsacum** & **Zea.** 087072

TRIPURA
short duration rice variety for **Tripura.** 088379

TRISETUM
non-functional roots. [**Trisetum flavescens,** 087789

TRISOME
between different types of **trisomics** in **sugar** 087002
Trisomy-3,4 & **triploidy** (3A-ZZZW) in chi- 084181

TRISTEZA
on transmissibility of **citrus tristeza** virus by 089378

TRITERPENES
Triterpene acids & bergenin in Peltoboykinia 087506
Triterpenes from **bark** of Pouteria caimito. 087558
Lanostane triterpenes of Canscora decussata 087522
Hydrocarbons & **triterpenes** of **leaves** of Eu- 087533
in biosynthesis of **plant triterpenes.** 087580
Triterpenes of **Salacia** prinoides DC. 087613

TRITERPENOIDS
Triterpenoids of **Lycopodium** megastachyum 087521
Structure of **triterpenoid oxide** from Rhodo- 088009
Triterpenoids from **Poria** carbonica. 087497

TRITICALE
Mouldy head of **Triticale.** [Fungi]. 089093
pollen viability in **hexaploid Triticale.** 086891
lysine, & grain yields of **Triticale** & **wheat** as 087768

TRITICUM
heading time in wheat **(Triticum aestivum** L 086927
abilities of dwarf wheats **(Triticum aestivum** 087758
amylase inhibitors in **Triticum aestivum:** pur- 087819
late-sown dwarf wheat **(Triticum aestivum** L 088380
Triticum monococcum L. From Yugoslavia. 087154
among tetraploid **Triticum species** through d- 087181
of nutrients by wheat **(Triticum vulgare)** & 087666
Agarose gel filtration of **Triticum vulgare** pr- 087826

TRITIUM
oviduct. II. Transcription of **chick tritiated** 084792
bean leaves labelled with **tritiated glycine.** 089177
Tritium incorporation & retention in photos- 087269
Incorporation of **tritiated thymidine** during 087218

TROGLODROMUS
Speophyes lucidulus, **Troglodromus bucheti** 090414

TROGODERMA
docta (Berlese). **[Trogoderma granarium].** 090198

TROMBICULIDAE
from Venezuela (Acarina: **Trombiculidae).** 090977

TROMBIDIFORMES
Karafiat, 1959 **(Acarina, Trombidiformes,** S- 090939

TROPHIC
of analogy between **trophic interactions** of i- 089478
host varietal, & **trophic relationships.** 090053

TROPICAL
by IRAT [Institute for **tropical Agronomic** 088317
Bignoniaceae of **tropical** North **America.** 086443
Tropical American plants. XIII. 086516
Tropical American plants. XIV. [Rondeletiae 086522
of diploid drones in a **neotropical bumblebee** 091125
ecological expansion in **tropical butterflies** of 091024
Studies of **neotropical caddisflies.** XVI. genus 090907
Varieties & traits of **tropical cattle** Zebu. 2 084763
wheat flour (Atta) under **tropical conditions.** 083609
on milk producton in **tropical countries.** [Ca- 084019
New & remarkable **Neotropical Dilleniaceae** 086477
Termites as pests of **tropical food** crops. 089827
chemical data from **tropical forest** soils (091536
Ecological impact of **tropical forests** on envi- 086664
Processed **tropical fruits:** Tendencies & pros- 082560
Neotropical genus Aitkenius: three new spec- 090977
on seed production of **tropical grasses** in ke- 087111
on seed production of **tropical grasses** in Ke- 088466
On seed production of **tropical grasses** in K- 088543
Economic potential of **tropical grazing** lands 088518
upper stem diameters in **tropical hardwood** 085903
transportation of sawn **tropical hardwoods.** 086107
Chemosterilization of **tropical house** mosqui- 090291
content in soils of **tropical & moderate** zones 091708
Information Center for **Tropical Plant** Prot- 089529
of canned pineapples & **processed tropical** f- 082560
pest of red pepper from **Neotropical Region** 089981
New & **remarkable Neotropical** Dilleniaceae 086477
Sea transportation of **sawn tropical** hardwo- 086107
Varieties & traits of **tropical Zebu** cattle. 1 083920

TROPICS
ventilation on honeybees in **Tropics.** [Apis 091156
in important soils of arid & **humid tropics.** 091498
rehabilitation problems in **humid Tropics** wi- 091892
bursting in summer in **tropics** of **India.** 088928

TROPISM
veterinarians occasioned by **genital tropism** 085495

TROTTER
induced by training in **trotter horses.** 084297
Analysis of movement of **trotting horses** by 084369
of actual endurance of **trotting horses.** 084372

TROUT
SEE FISH

TRUCKS
Closed vans & **trucks** for **beekeeping.** 091130
Chemicals for control of **truck crop** insects 089463
Felling method on **diminishing truck** number 086095
Fork-**lift trucks** & their employment in meat 083413
"lockset" **truck routing** technique. [Milk, tr- 082418

TRUNCATULA
SEE MOLLUSKS

TRUNK
Plant arrangement & **trunk count** reduction 085811
Trunk development of young trees. [Ornam- 088595
of moisture distribution in **trunk** of **hedge** m- 088297
A new **trunk injection** technique for systemic 089233
Research on **trunks** of **trees** submerged in R- 086174

TRYPANOSOMES
infections of **avian trypanosomes** in Glossina 090223
between hosts & **trypanosome infection** rates 090222

TRYPANOSOMIASIS
aid to diagnosis of **bovine trypanosomiasis** in 085594
for diagnosis of **trypanosomiasis** in **East** Afr- 085530

TRYPETIDAE
SEE TEPHRITIDAE

TRYPODENDRON
Effect of male **Trypodendron lineatum (Col-** 090106

TRYPSIN
insects. IV. Secretion of **trypsin** by **Aedes** a- 090496
electrophoretic studies of **trypsin inhibitors** 087696

TRYPTOPHAN
fluorometric assay for **tryptophan oxygenase** 087231
isoaccepting species of **tryptophan transfer** r- 087327

TSETSE
antisera in identification of **tsetse blood** mea- 085225

TSUGA
SEE PINACEAE

TUBE
antibody & capilary **tube agglutination** test. 085595
Height of nectar column in **corolla tube** of r- 087865
Correlation of pollen-**tube development** of " 088104
constituent of fungal flora of **digestive tube** 084052
Test **tube fertilization** in Petunia hybrida. 087177
of mass distribution in turbulent **tube flow.** 086103
Pollen germination **& tube growth** after self- 087354
on pollen germination & pollen **tube growth** 087933
of high temperature on pollen **tube growth** of 087942
Temperature effects on pollen **tube growth** in 088118
Cavernicolous fauna of Hawaiian **lava tubes,** 091019
Cavernicolous fauna of Hawaiian **lava tubes,** 091020
Tubal ligation: Alternative sterilization oper- 085087

Leger, 1909) parasite of **Malpighan tubes** in 090455
morphogenesis of chick **neural tube** & notoc- 084044
irrigation realized by means of **plastic tubes** 091354
Staining imbedded **pollen tubes.** [Potato]. 088005
Wireworm damage to **polyethylene tubing** u- 089925
filaments in differentiating **sieve tubes** of S- 086817

TUBER
chemical studies into **tuber coxae** spongi-s& 084290
on genetics of skin colour of **tuber** in **first** i- 086976
Growth of **individual tubers.** [Potatoes]. 088186
ethylene production by **potato tubers.** 083697
storage & reconditioning of **potato tubers.** 083830
cells from aging discs of **potato tuber** (Sola- 086830
carbohydrate metabolism of **potato tubers.** 087956
changes in fresh-harvested **potato tubers** aft- 088035
of oxygen through lenticels in **potato tuber** 088185
Experiments to control **potato tuber** rotting 089130
Studies on **potato tuber** worm, Phthorimaca 090087
control. 3. Special aspects in **tuber** & **root** v- 089098
tissue explant derived from **tuberous roots** of 088215
tuberosum cv. Kufri **Sindhuri tubers** after ge- 088182
Potato **spindle tuber** viroid. IX. Molecular- 089415
of calcium cyanamide on **tuber yield** & quali- 088798
seed il. Influence of spacing on **tuber yield** 088901
of calcium cyanamide on **tuber yield** & quali- 091926

TUBERCULINS
of "Dessau" special **PPD tuberculin.** II. [Ca- 085233

TUBERCULOSIS
Results & prospects for study of **tuberculosis** 085445
Two cases of **avian tuberculosis** in sheep. 085514
Bovine tuberculosis in wild badgers in south 085511
to United Kingdom. [**Bovine tuberculosis,** p- 085513
in diagnosing **cattle tuberculosis.** 085454
Pseudotuberculosis of **game** & other animal 085577
Tuberculosis in **minks** (Mustela lutreola vis- 085553
infection due to **Mycobacterium tuberculosis** 085472
Finding of **Pasteurella pseudotuberculosis** in 085538
Why **swine tuberculosis** is a problem to Iowa 082788
Incidence of **swine tuberculosis** in Iowa. 085385

TUBERIZATION
applications of cold on **tuberization** of **stem** 087919
In **vitro tuberization** of potato sprouts as af- 088184

TUBERWORM
SEE POTATOES

TUBULES
of Arthropoda. XXI. New **accessory tubule** 090717
of boundary tissue of **seminiferous tubule** in 084210

TULIP
Sprinkler irrigation of **tulips,** 1956/1970. 088920
Changes in carbohydrates of **tulip bulbs** dur- 088060
streak, a viral disorder of **forced tulips** in gl- 089371
Species tulips. 088697

TUMOR
Plant **antitumour agents:** colubrinol acetate 087345
A new theory of genetic **tumor formation** in 089337
Perianal **gland tumors** of dog. 085627
Induction of **tumors** in **hamsters** with a bovi- 085243
on development of a virus-**induced tumor** (re- 085604
elucidation of novel **tumor-inhibitory** sesquit- 087425
Surgery of **mammary tumors.** [Bitches]. 085030
Primary **mammary tumors** of cats & dogs e- 085643
of CFW strain mouse **mammary tumor** into 085650
fibrocystic disease, malignant **mixed tumor** 085641
Newer knowledge of **solid tumors** & leukem- 085625
hemocytes of healthy & wound **tumor virus-** 089929

TUNA
SEE FISH

TUNDRA
of bacterial growth rates in **tundra soils.** 091528

TUNG
of a growth inhibitor in **tung bud** scales. [Al- 087220

TUNGSTEN
Effect of chromium & **tungsten** on L-**ascorbic** 084260

TUNICA
of ovariole sheath & **tunica propria** in flour 090683

TURBIDITY
Turbidity of **lactic** casein whey. 083354

TURBULENCE
study of mass distribution in **turbulent tube** 086103

TURF
broadleaf weed control in **turfgrass.** [Soliva 089621
Weed control in **turfgrass.** 089736
Lime, a vital part of **turf.** 091903
Afforestation & **turfing** of **mining** dumps. 086059
marketing & use of **turfgrass pesticides.** 090318
use by farm crops. III. Bare soil, **short turf** 087588

TURKEY
to effeciency of food utilisation in **turkeys.** 084108
hatchability in chickens & **turkeys.** 084411
treatment of bovine theileriasis in **Turkey.** 085220
liver lesions from histomoniasis in **turkeys.** 085264
mutatn as a live vaccine in **turkeys.** 085276
cases of fowl cholera in chickens & **turkeys** 085455
test for hemorrhagic enteritis of **turkeys.** 085648
Afforestation & nursery techniques in **turkey** 086054
transmissible enteritis (bluecomb) of **turkeys** 085280
avian emcephalomyelitis in **turkey breeder** 085200
residues in body tissues of **turkeys confined** 090349
Gentamicin concentrations in **turkey eggs** & 084078
Feeding turkeys for meat production. 084524
Australian strains of **turkey herpesviruses** & 085258
isolated from **turkeys** with **infectious** enterit- 085277
insemination in **turkeys** & **investigations** into 084890
Experience gained in **Turkey** for **irrigation** 092129
Studies of **normal turkey** sinus by scanning 085892
Arizona hinshawii infection in **turkey poults** 085268
into a diluent of **turkey semen** suitable for f- 084890
Mycloplasma gallisepticum in **turkey sinus** 085267
Studies of normal **turkey sinus** by scanning 085892
associated herpesvirus of **turkeys vaccines** in 085201
aortic rupture in **turkeys** & **vascularization** 085663
as a dietary ingredient for **young turkeys.** 084463
as a dietary ingredient for **young turkeys.** 084464

TURNIPS
from smooth microsomes of **turnip.** 088158
methods of harvesting. [**Beets, turnips**]. 088512
Turnip mosaic virus in horseradish. 089409
by granulosis virus in larvae of **turnip moth** 089850
chlorinated hydrocarbons by **turnip planted** 090097
on growth of **turnips** & their **recovery** of sul- 088207
of leaf loss on yield of **Swedish turnips.** [In- 089991
Occurrence of **turnip yellow** mosaic & radish 089430

TURTLES
Active sites of **turtle** & **duck** low molecular 084164

TWIGS
of work for elimination of **twigs** in **grape** vi- 091426

TWINS
A case of foetal dystocia due to **twins.** 084829
fiber hide defect: biopsy study of **twin cattle** 083393

TYLAN
SEE TYLOSIN

TYLENCHIDAE
Pin **nematode, Paratylenchus** projectus, in r- 089457
growth & pathogenicity of **Paratylenchus sp.** 089527

TYLENCHORHYNCHUS
diseases. [**Tylenchorhynchus dubius,** Pratyl- 089550

TYLOSIN
Antibiotic tylan in feed of swine & preventi- 085544

TYPHLOCYBINAE
Cicadellidae, Typhlocybinae). 090858

TYPHLODROMUS
Mesostigmata). [**Typhlodromus, Amblyseius**] 091002

TYROSINE
O-carboxamidomethyl tyrosine as a reaction 083499

TYROSYL
ribonuclease A & model **tyrosyl compounds** 084053

UBIQUINONE
of **ubiquinone** from **vegetative** amoebae & m- 087353

UDDERS
milk in case of functional disorders of **udder** 083330
Composition of **bovine udder** secretion during 084374
evaluation of excitation of **cow udder** & milk 084173
on occurrence of disease of **udder** in **cows** in 085700
milk yield & composition & on **udder health** 083963

UHT
SEE TEMPERATURE

ULCER
on response of pigs to an **ulcer inducing** diet 085603

ULMUS
captan, & thiabendazole. [**Ulmus americana,** 089194
Ceratocystis ulmi, dieback, **Ulmus americana**] 089233
lmi (Buisman) C. Moreau. [**Ulmus, dieback**] 090155
Ceratocystis ulmi, **Ulmus, Scolytus** multistr- 089232
with benlate. [Ceratocystis **ulmi, Ulmus**]. 088977

ULTRAFILTRATION
SEE FILTRATION

ULTRAFINE
SEE FINENESS

ULTRASONICS
alfalfa seeds under action of **ultrasound.** 087654

ULTRASTRUCTURE
histopathology & **ultrastructure.** 085473
Ultrastructural & associated studies on expe- 085290
Ultrastructure of **boundary** tissue of seminif- 084210
of Drosophila. II. **Ultrastructural changes** d- 090603
Ultrastructural comparisonof morphogenesis 085202
an **ultrastructural & cytochemical** analysis. 086749
Ultrastructure & cytochemistry of microbod- 086806
A **description** of **ultrastructure** of A.C.T.H. 084064
histochemical & **ultrastructural effects** of pl- 087969
Ultrastructural findings in liquid conserved 084887
Ultrastructure & functions of ovariole sheath 090683
rat. Effect on **ultrastructure** of **hepatocytes.** 084074
Ultrastructural investigation of Upper Cret- 086327
Ultrastructural investigation on a strain of a 091174
Ultrastructural investigations of campanifo- 090424
II. **Ultrastructural investigations** on origin of 090589
Ultrastructural localisation of acid phospha- 084106
Ultrastructural localization of an acid phos- 090413
Ultrastructural localizations of acid phosph- 090102
fowl. A light **microscopical, ultrastructural** 085190
ultrastructural observations. 089401
Separation & **ultrastructure** of **proplastids** f- 087543
Ultrastructure of **Sertoli** cell & its defferent- 084211
Ultrastructure of **sheep** osteosarcoma. 085656
Histochemical & **ultrastructural study** of sec- 090436
Observations on **ultrastructure** of **suberin** fo- 086830

ULTRAVIOLET
Lethal effects of **artificial ultraviolet** radiati- 089008
pyrimidine dimers in **ultraviolet-irradiated** 087471
Effects of **ultraviolet irradiation** on growth of 082815
virus. V. Effect of **ultraviolet irradiation** on 085242
of moss sporelings to **ultraviolet light.** [Bry- 087464
bactericidal effectiveness of **ultraviolet rays** 085589
column & **ultraviolet spectrophotometry.** 087419
Effects of near **ultraviolet** & **visible** radiatio- 086708

ULVA
b absorption spectra in vivo. [**Ulva lactuca**] 087277

UMBELLIFERAE
in isolated phloem strands of **Heracleum.** 087335
Asia. 1. [**Hydrocotyle chiangdaoensis**]. 086337
oil from herb & fruits of **Carum copticum** at 087554
biosynthesis. [**Umbelliferae, rutaceae,** legum- 087478

UNANESTHETIZED
SEE ANESTHESIA

UNASPIS
Parasites of **Unaspis yanonensis** in Japan (090055

UNCARIA
alkaloids roxburghine B, C & E. [**Uncaria**]. 087387
oxindole alkaloids from **Uncaria bernaysia.** 087495

UNDERGROUND
on a procedure of **underground irrigation** rea- 091354
mass formation to that of **underground mass** 087651

UNDERSTORY
suppression of **understory** by **Oklahoma** oak 088304

UNEMPLOYMENT
SEE EMPLOYMENT

UNHEATED
SEE HEAT

UNICELLULAR
SEE CELLS

UNIFORMITY
Hazards of **genetic uniformity** in plants. 086864
plots, as an information of **uniformity trial** 091654

UNITS
systems as found in a laboratory **animal unit** 092308
Unit cost accounting in agriculture. 082234
An experimental continuous-**culture unit** for 083305
Fundamental studies for **determination unit** 092226
Heat **unit differences** for germination of ma- 087799
Tables for transformation of **effective units** 086236
stream flow by statistical **unit hydrograph.** 092227
Activity of market **inspection units** in quality 082751
On building of **internal-unit** transport netwo- 086163
contract into practice on a **multiple-unit** sta- 081982
of herbicide utilization in **production units.** 089708
a case for establishing a few **pulp units** in U- 083098
Cocoa **research unit** University of West Ind- 088942
Particle weights of active **ribosomal subunits** 087280
of mushroom production in **special units.** IV 088654
distance & capacity of **transportation unit** in 082467

UNSAPONIFIABLE
SEE SAPONIFICATION

UNTHINNED
SEE THINNING

UPGRADING
upgrading which have to be **tackled** in adopt- 085105

UPLANDS
Forsk.) Stapf) in a jumid **upland area.** 089700
of softwood timber on **upland** of **Asiago.** 086194
sowing rice culture under **upland condition.** 088438
culture of sugar beet on **converted upland** fi- 088431
Sugar beet cultivation on **converted upland** f- 088433
for fibre characters in **upland cotton.** 086888

URANOTAENIA
Notes on **genus Uranotaenia.** 090998

URANYL
Uranyl acetate useful as a specimen support- 089382

URBAN
fluoride concentrations in **urban areas.** [Pla- 089475
Rural-**urban differences** in distribution of bir- 082007
Urban gardening--without a garden. 088767
Aspects of rural-**urban relations** in area of e- 082001

UREA
of alpha animo nitrogen, amino **acids, urea** n- 084851
Urease & **urea amidolyase:** determination of 087515
loss of ammonia from surface-**applied urea** on 091966
as energy source in rations **containing urea** 084691
substitute by means of **urea** in **feeding** cattle 084527
by ruminants. 2. Effect of **feeding urea** & a- 084556
metabolizable protein & **urea fermentation** 084412
On decomposition of **urea formaldehyde** res- 091805
protein synthesis from **urea & glucose,** starch 084220
dairy herds based on blood **glucose, urea** & 084353
Urea for **grazing** sheep & cattle. [Dietary s- 084695
retentions of nitrogen of **urea & groundnut** in 084461
Action & conversion of **urea-herbicides** in pl- 089683
beta-D-glucosides of ring-**hydroxylated ureas** 089755
Mutagenic action of nitroso **methyl urea** in 086915
concentrate's protein with **urea** on **nitrogen** 084544
animo nitrogen, amino acids, **urea nitrogen,** 084851
effect of gamma-rays & **nitrosoethyl urea** on 086946
of these compounds with **urea** as **NPN**[non 084061
Wheat straw & **urea** in **pelleted** rations for 084570
Urea in **performance** comparison. [Fertilizers 091943
urinary nitrogen excreted as **urea** in **sheep.** 084202
A **urea sulphuric** acid method for simulatan- 083322
sheep perform well on **urea supplement.** 084677
Influence of **urea supplementation** of maize 084387
Urease & urea amidolyase: determination of 087515
Urea utilization by lactating cows. 084235
strips with special reference to **urea values** 084356
Metabolism of 14C [carbon]-**urea** by **white** 088253

UREDOSPORES
radiation on cereal **rust uredospores.** [Pucci- 089008

UREMIA
of a hyproprotein diet in **chronic uremia.** 082969

URETHRA
Surgery & diseases of bladder & **urethra.** [V- 085028
cystitis, urethritis, **urethral obstruction** synd- 085607

URETHROSTOMY
Feline **perineal urethrostomy** using Wilson 084995

URGINEA
SEE LILIACEAE

URIC
Effect of infused glutamine on **uric acid** syn- 084599

URIDINE
inhibition of UDP [**uridine diphoshate**]-gluc- 087976
UDP [**uridine diphosphate**]-glucose: flavonol 087975

URINE
of alkyl phosphate metabolites in **urine.** 090346
Use & misuse of **urinary acidifiers.** [Toxic r- 085769
Ruptured **urinary bladder** in post-parturient 085674
of specific gravities in **dog urine** by refract- 084351
of gastrin on fecal & **urinary excretion** of w- 084160
Urinary excretion of noradrenaline & adren- 084276
Effect of heat exposure on **urinary excretion** 084277
Diagnosis & management of **lower urinary** t- 085768
Pattern of blood plasma & **urine magnesium** 084192
gestation on proportion of **urinary nitrogen** 084202
a kairomone in nestling **rabbit urine,** with n- 090266
Outline of **urinary system** in dog by adminis- 084158

UROLITHIASIS
magnesium intake in **urolithiasis** in **calves.** 084552
Urolithiasis in **dog.** 085612
as a therapeutic agent in **feline urolithiasis.** 085719

UROMYCES
beans infected by **Uromyces appendiculatus** 089251
with tritiated glycine. [**Uromyces phaseoli**]. 089177

URSIDAE
studies with black bear (**Ursus americanus**). 085205

URTICACEAE
A typical iron plant: **Urtica dioica.** 087250

USTILAGO
mycelium of loose smut of **barley-Ustilago** n- 089293
seed treatments. [Tilletia **foetida, Ustilago** 089148
of spore-galls of corn smut (**Ustilago maydis** 086794
of teosinte smut (**Ustilago maydis** (Dc.) Cor- 086795
of spore-galls of corn smut (**Ustilago maydis** 089141
of teosinte smut (**Ustilago maydis** (Dc.) Cor- 089142
of loose smut of cereals (**Ustilago nuda** (Jens 088483
of 1971-1972 cereal season. [**Ustilago nuda** 089103
Occurrence of **Ustilago scitaminea** in sugarc- 089262

UTERUS
on gestational changes in **buffalo uterus.** I. h- 084965
Myometrial histology of surti **buffalo uterus** 084198
Importance of lavage of **uterus cavity** in gy- 085175
Uterine changes associated with impaired fe- 084855
Studies on pigments of non-**gravid uterus** & 084375
Effect of **intrauterine injections** of iodine so- 084273
Intrauterine insemination with frozen semen 084891
in pig: modifications of **utero-ovarian** anato- 084844
Division of **uterine vein** & function of adjac- 084270

VACCINATION
gain following two approaches to **vaccination.** 085465
its control other than by **vaccination.** [Chic- 085592
Control of Marek's Disease by **vaccination** 085593
Vaccination against Marek's disease with A- 085258
Vaccination against bovine salmonellosis. 085509
Marking of dogs **vaccinated against** rabies as 085541
against rabies. II. **Cattle vaccination.** 085501
Vaccination of **dog** against rabies. 085417
Optimum time of **vaccination** in **dog.** 085532
against rabies. I. **Vaccination** of **dogs** & cats 085500
Vaccination experiments against so-called e- 085322
of calf by **vaccination** of **pregnant** cow. 085491
Plan your **vaccination programs** for 1973. 085336

VACCINES
avian coronavirus **vaccine administered** by a- 085246
Salmonella choleraesuis **adsorbed vaccine.** 085228
Evaluation of live-virus **vaccine against** avian 085200
by commerical lentogenic **vaccines against** c- 085266
study with combined **vaccines against** haem- 085297
Vaccine for **control** of pasteurellosis in sheep 085351
of development work at **Dessau vaccine** Inst- 085232
field experiment of Marek's **disease vaccine.** 085411
of pigs with a SEP-**formol vaccine.** 085322
Resistance to microbial **infection--vaccines** in 085255
of an avirulent mutatn as a **live vaccine** in t- 085276
virus] by means of a **vaccine produced** in tis- 085431
ERA strain **rabies vaccine:** Intracerebral pa- 085317
Spray vaccine stops distemper. [Mink]. 085197
associated herpesvirus of **turkeys vaccines** in 085201
Various vaccines for treating diseases in pou- 085217

VACUOLE
Vacuole formation in self differentiating cells 087460

VACUUM
Diet, sex & **vacuum packaging** effects on po- 082799
changes of tea-sausage slices **vacuum packed** 083489
Studies on **vacuum seed** sowing equipment (091384

VAGINA
Canyon, Arizona. [**Arceuthobium vaginatum** 089730
of frozen sections with **vaginal biopsy** techn- 084845
Diseases of **vagina** of **cow.** 085672
therapy of prolapsus of **sheep vagina.** 085763
infectious pustular **vulvo-vaginitis.** 085565

VALENCE
germination by secondary, **univalent alcohol,** 088114
Preparation of **bivalent antisera** for immuno- 085502
injections of **polyvalent autovaccine.** II. Ant- 085477
Release of **divalent cations** from kankar [ca- 091633
Distribution of **bivalent chiasmata** in maize 087062
virens (Liliaceae). II. **Univalent production** 086970
Retardation of **bivalent separation.** [Corn, g- 087049

VALLEY
Flora & vegetation of an **Ardennes valley:** L 086488
art of river training in **Brahmaputra Valley.** 092177
of farm firms in Imperial **Valley, California** 082211
pollution problems in Croal **Valley caused** by 092389
Scarring & silvering on **Central Valley** nave- 089998
river pollution problems in **Croal Valley** cau- 092389
flood-plain controls in **Dandenong Valley.** 092194
New data on tachina flies in **Fergana valley.** 090883
Hay fertilization in **Flathead Valley,** Monta- 091973
agricultural exploitations in **Garonne valley** 092089
on sugarcane in Lower Rio **Grande Valley** of 089922
Rest-rotation grazing at **Harvey Valley** ... R- 084713
Water resources of **Hawkesbury Valley** incl- 092224
output of farm firms in **Imperial Valley,** Cal- 082211
Water, land, & environment **imperial valley:** 082623
output of farm firms in **Imperial Valley,** Cal- 092092
Water, land, & environment **imperial valley:** 092404
resources of Hawkesbury **Valley including** T- 092224
on loessial cropland in **Missouri Valley:** a c- 082249
fertilization in Flathead **Valley, Montana.** 091973
silvering on Central **Valley navels.** [Oranges 089998
a permanent meadow in a **valley position.** 091790
Management of lower **Var valley.** [Water so- 092130
yellows virus in Yakima **Valley, Washington** 089391
set on Ryoal Ann in **Willamette Valley.** 088120
of pear vein yellows virus in **Yakima Valley,** 089391
sp. B in Kambole village in **Zambesi valley,** 090224

VALUATION
propasals for new system of **valuation.** 082760
To **valuation** of **effects** of forest with respect 085864
with reference to national **feedstuff valuation** 084508
Valuation of **work** experiences of mineral fe- 091932

VANADIUM
Determination of **vanadium compound** in A- 087225

VANILLIN
techniques in analysis of **vanillin & ethyl** va- 083120

VAPOR
Effectiveness of dichlorvos **vapor against** Xe- 090247
method on adsorption of **benzene vapor** by 083303
Vapor lamp & its electrical fittings. [Entom- 090733
of cellulose film as affected by **vapor-phase** 086100
of large animals with **Vapor Vaporizer** & N- 085121
Sorption of **water vapour** by wheat flours. 083610

VARIA
residues in soil & plant. [**Atherigona varia-s-** 089903
after selfing & crossing **Coronilla varia** L. [087354

VARIANCE
of Karakul lamb-reasons for its **variance.** 084875
Estimation of **genetic variance** parameters in 086993

VARIATION
Extent of **variation** in **ADH** [alcohol dehyd- 087093
Tenebrionidae): **variation** with **age** & sex. 090202
Allozyme variation in populations of Droso- 090674
Sheep immune respone. **Variation** of **anti-ha-** 085345
Sardinian pasture. 1. **Variations** of **chemical** 084406
Variation in **chemical** composition of Draca- 088123
sex, differenciation & **colour variations** in a- 090089
Variation in **concentration** of copper in blood 084768
Variation in **cost** of a network of irrigation 082240
on lactate medium: **variation** of **cytochrome** 087562
Developmental variations of a deoxyribonuc- 090505
Variation in **dimensions** of basidiospores dur- 087304
matric potential of soil on **diurnal variation** 088072
Variations in **egg** size. 083507
Variation of **flower** of Serissa japonica (Thu- 086789
Variations in **fruit**-rot susceptibility of stra- 089026
A note on **genetic variation** in fatty acid co- 084770
Genetic variation in Saghalien fir from diffe- 086071
Effects of **genetic variation** & culture condit- 090469
Variation among **inbreds** for black spot mat- 087094
Hormonal & metabolic **variations induced** by 084297
Quantitative **variations induced** by gamma r- 087129
Larvae of Bombini. I. **Interspecific variation** 090734
Intraspecies variation of ribosomal gene red- 087082
Variations in **isoaccepting** species of transfer 090534
Leaf variations in Vaquelinia californica po- 086716
Variation in **leaf** oil of Eucalyptus punctata. 087479
Variation in **main** constituents of red wines 083756
Variations in **maize** population & yield & ef- 088400
Hormonal & **metabolic variations** induced by 084297
Variation in **monoterpene** composition of two 088262
Study of **morphological variations** of acetab- 084051
Pathogenic variation in isolates of Phytoph- 089014
Variations in **planning** milling buildings und- 083647
yield component & fiber **property variation** 086892
Quantitative variations induced by gamma r- 087129
Regional variations in educational plans of 082003
Variation in **returns** to livestock. 082563
Seasonal variations in composition & therm- 083308
Seasonal variations in chemical constituents 084042
Seasonal variation of pigments in needles, a 088298
Seasonal variation in production time of He- 088923
"geographic" **variation** in **sensitivity** of X-ir- 090771
"Geographic" **variation** in **sensitivity** to X-ir- 090772
dimethylsulfoxide & **variations** in **starches** of 083550
Variation in **stimuli** associated with oral eva- 083155
Taxonomy, variation & evolution in represe- 086397
hens as influenced by **variations** in **thyroid** s- 084196
Variations in **thyroid** status of buffalo during 084966
Variation in **time** of acclimation of raspberry 088050
Variation in **tin** content of some tinned foods 083101
to measure of **variation** of a **water** stock of 091688
Development of **weight variation** in Douglas 088261
Wide variations in costs & returns of grade 082237
On problem of **yield variation** with fodder b- 088328

VARIEGATED
oxysporum wilt of **variegated Pyracantha.** 089205

VARIETIES

summary of investigations of some **varieties** 083649
s original Solid Autumn Wheat. [**Varieties**] 088319
covers for Hawaii landscapes. [**Varieties**]. 088675
Pruducing patio trees. [**Varieties**]. 088811
on tuber yield & grades of five **varieties**. 088901
Lawn grasses--old & new. [**Varieties**]. 088931
Alfalfa variety test, 1972; Agronomy Resear- 088363
of grape (Vitis vinifera) **variety Anab**-e-Shahi 088888
In regard to **variety apennina** Giac. of Abies 086463
ite relation to yields of three **apple varieties** 088082
Seed & fruit ripeness in **apple variety** Gold- 088205
Apple variety evaluation--a never ending cha- 088686
Traits & culture of **apple varieties:** on Aori 088793
in Euglena gracilis **variety bacillarius.** Char- 087268
Antocyanogens of malting **barley varieties** in 083592
variability of hybrids & **varieties** of **barley** i- 086941
Wocus 71; a new high yielding **barley variety.** 088353
study of some **varieties** of **beans.** 088591
in F1 hybrids of sugar **beet varieties.** 086838
Ber varieties for western Rajasthan. [Jujibe 088778
Recommended bush **berry varieties** & their 088658
of E1 hybrids between **variety Bezostaja** 1 086836
effect of these **varieties** on **biology** of insect. 089954
planting experiments with **Boskoop variety.** 088913
Biological bases for **breeding varieties** of int- 087159
Progress in developing new **brocolli varieties** 087116
Combining ability in some **varieties** of **brown** 086845
Performance of two **varieties** of **cabbage** as 088628
of F1 hybrids of Louco **cabbage variety** & J- 088893
max. (L) Merril) **varieties** on **calcareous** soi- 088381
yield & quality of two sugar-**cane varieties.** 088526
response of Lactobacillus casei **variety casei** 083315
threshing properties of **cereal varieties** in G- 088389
An evaluation of **chestnut varieties**--Crane, 088850
A promising **chili variety** for Chattisgarh in 088823
Mutation of **citrus variety** Tachima-wase in- 087007
Citrus variety improvement in South Africa. 088610
on oil content of commercial **cotton varieties** 083657
early-ripening thin-fibered **cotton varieties** in 087653
with special reference to **variety** of **cotton** & 089948
Susceptibility of certain **cotton varieties** to 089954
trails on AC-134 & B.S. 1 **varieties** of **cotton** 091962
of mitochondria in **cotton varieties** with diff- 087658
An evaluation of chestnut **varieties**--**Crane,** 088850
Performance of field **crop varieties** in South 088360
Crop variety recommendations for 1973. [A- 088422
samples prepared from its **varieties cropped** 083722
Costs & returns for **different varieties** of M- 082233
Apple **variety evaluation**--a never ending cha- 088686
Report on black walnut **variety evaluation.** 088849
roots of Sultani & Pyrgos **fig varieties** grown 087928
characteristics of three **varieties** of **Florida** 083794
fruit ripeness in apple **variety Golden** Delici- 088205
activity in Euglena **gracilis variety** bacillari- 087268
Grain varieties recommended for each region 088531
Moldavian **grape varieties** & breeding probl- 087153
leaves of cardinal & perlette **grape varieties** 088204
Evaluation of **grape varieties** of Matraalja w- 088800
New **grape varieties** for Moldavian sherry w- 088905
Wine potential for Oregon. [**Grapes, varieti-s**] 088859
must quality in **grapevine variety** Italian Ri- 088910
on Asiriya Mwitunde a **groundnut variety** fr- 088449
of Sultani & Pyrgos fig **varieties grown** in t- 087928
mutagens on certain wheat **varieties grown** 086963
cultural practices & resistant **varieties help** 089069
Methods of **hemp variety** testing. III. effect 088503
Citrus **variety improvement** in South Africa. 088610
by diallel cross of wheat **varieties included** in 086834
qualities of some wheat **varieties intended** for 083576
must quality in grapevine **variety Italian** Ri- 088910
cooking quality of potato **variety Kerr's** Pink 089395
flower initiation in four **varieties** of **kidney** 088190
Variety in **leaf** & flower: contrast in garden 088612
Reaction of **linseed varieties** to powdery mil- 089097
fewtrell orange"--an early **mandarin variety** 088630
Notes on **varieties** of late **maturing** mandarin 088788
producers provide a **variety** of **melons.** 082455
Variety microtrials with sugar beet in 1971 088505
Control of **millet varieties** in corn. 087098
Novosibirskaia-67, a new **mutation variety** of 087884
orange"--an early mandarin **variety ofr** Nor- 088630
susceptibility of different **olive varieties** to i- 090088
Which **paddy variety** to transplant when. [R- 088490
in some high yielding **paddy varieties.** [Sch- 089893
of boll size in hybrids & **parental varieties** of 087172
New **pasture varieties.** [Forage plants]. 088320
winter-hardy marrowfat **pea varieties** under 087180
from soft & firm fleshed **peach varieties.** 088086
Clapp Kedveltje" & "Vilmos" **pear-varieties** 088104
Top **pear varieties** can be grown in plains. 088777
flowering & fruiting in **Perlette variety** of vi- 088195
crop & quality regulation in **Perlette variety** 088886
Plant varieties & seeds (Isle of Man) order, 088450
of certain sugar-cane **plant varieties** to bore- 089956
Peach, nectarine & **plum varieties.** 088684
"mineyutaka", first rice **variety possessing** s- 086987
on development & yield of **potato varieties.** 089131
cooking quality of **potato variety** Kerr's Pink 089395
Ozone injury in **potato variety** trials. 089554
Weed control of **potato varieties.** [Chemical 089688
Reaction of **potato varieties** to some herbici- 089717
Hyvp [High Yielding **Variety Programme**] in 082519
Crop **variety recommendations** for 1973. [A- 088422
Grain **varieties recommended** for each region 088531
Early trials of Juglans **regia varieties** in Ka- 088848
Hudson: a high yielding **variety resistant** to 086856
new cultural practices & **resistant varieties** 089069
"mineyutaka", first **rice variety** possessing s- 086987
morphological mutations in **rice, variety** IR 087131
yield of certain high yielding **rice varieties.** 087790
Origin of aromatic **rice varieties** & their trai- 088313
a promising short duration **rice variety** for 088379
in yield of high yielding **rice varieties.** 088409
Fungi from three **varieties** of **rice** seed. 089080
for evaluating resistance of **rice varieties** to 089321
"mineyutaka", first **rice variety** possessing s- 089348
maintenance of **varieties** for **seed** production 087146
date on seed yield in **varieties** of **Setaria** sp- 088466
mouldy grains in certain **sorghum varieties.** 088990
in starches of several **species, varieties,** & m- 083550
Aspects related to choice of **varieties suitable** 083759
of comparative study of **sunflower varieties** 088345
Sunflower varieties. 088487
in culture of some **varieties** of **sunflowers** in 088520
activity in resistant & **susceptible varieties** of 088989
wilt resistant & **susceptible varieties** of alfal- 089315
with inbreeding in a **synthetic variety** of ma- 086898
Mutation of citrus **variety Tachima**-wase in- 087007
Alfalfa **variety test,** 1972; Agronomy Resear- 088363
Methods of hemp **variety testing.** III. effect 088503
Are **there varieties** of kidney beans resistant 087186
on performance of certain **tomato varieties.** 088622
Pusa Lal Meeruti is new **tomato variety.** 088770
to yields of three apple **varieties trained** to 088082
Varieties & **traits** of tropical Zebu cattle. 1 083920
Varieties & **traits** of tropical cattle Zebu. 2 084763
for growth energy of fruit-**tree varieties** & r- 088103
Variety trials for straw, grain & oil yielding 088539
Variety trials with Iris sibirica L. 1969-1971 088919
Ozone injury in potato **variety trials.** 089554
Report on black **walnut variety** evaluation. 088849
qualities of some **wheat varieties** intended for 083576
by diallel cross of **wheat varieties** included in 086834
Sensitivity of winter **wheat varieties** to che- 086962
mutagens on certain **wheat varieties** grown 086963
qualities of some **wheat varieties** intended for 088414
Biserka--early high-yielding **wheat variety.** 088509
Reaction of some **wheat varieties** to leaf bli- 089147
amino acids of Pakistani **wheat varieties.** 089906
Vineyard area, **wine varieties** & production 082497
Microspore genesis in **varieties** of **winter** w- 086761
in seed dormancy by **variety, year** & grade of 087810
labour consumption of high **yielding variety** 082119
Hyvp [High **Yielding Variety** Programme] in 082519
Hudson: a high **yielding variety** resistant to 086856
amylolytic studies on high **yielding varieties** 087779
Hyvp [High **Yielding Variety** Programme] in 088310
Hudson: a high **yielding variety** resistant to 088580

VARNISH

Varnishes & **fire** inhibiting paints for protec- 086164

VASCULAR

in turkeys & **vascularization** of **aortic** wall. 085663
limb: role of **differential vascularization.** 084249
Vascular flora of Kent Island, Grand Manan 086574
Vascular plants of Moss Lake sanctuary--Al- 086575
initiation & maturation of **vascular tissues** in 087981
as a seed-borne pathogen. [**Vascular wilt,** oil 089017

VASOPRESSIN

Hydration & **vasopressin effects** on glomeru- 084075

VATS

Accounting for **VAT.** [Valued Added Tax]. 082121

VEAL

Community] market for beef & **veal.** 082360
Production of **veal** from **calves** in southern I- 082196

VECTORS

Potential **aphid vectors** of pea seedborne m- 089393
vein virus in an inefficient **aphid vector,** Ma- 089417
Potential **aphid vectors** of pea seedborne m- 090072
vein virus in an inefficient **aphid vector,** Ma- 090832
A **vector biochemical** approach to consecuti- 091535
Empoasca stevensi, a new **vector** of **bunchy** 089384
in containerized cargo. [**Plague vector**]. 090247
cuniculi (Dale) as a **possible vector** for myx- 090255

VEGETABLE

U.S. Exports of canned fruits & **vegetables** 082515
fermented soybean products & **vegetables.** 082999
heat/hold processing of food. [**Vegetables**[. 083614
of certain freeze-dried fruits & **vegetables.** 083707
quick blanching (IQB) for **vegetables.** 083790
Controlled atmosphere storage of **vegetables** 083847
of carbohydrate nitrogen in **vegetables.** 087988
of carbohydrate nitrogen. [**Vegetables**]. 087990
of organic matter in plants. [**Vegetables**]. 088032
crops & pest control in Japan. [**Vegetables**] 088789
Scientific multiple cropping. II. [**Vegetables** 088824
in study of ecology & diseases of **vegetables.** 089561
in using herbicides for **vegetables.** 089756
crops & pest control in Japan. [**Vegetables**] 090040
organochlorine pesticides into **vegetables.** 082737
cold storage of fruits & **vegetables.** VIII. R- 083805
more yield of cruciferous crops & **vegetables** 090075
organochlorine pesticides into **vegetables.** 090325
their control. 4. Special **aspects vegetables** 089508
Special aspects -fruit **bearing vegetables.** 089507
Some problems of **vegetable breeding** in Ge- 086880
on seeds & seedlings of **certain vegetable** cr- 087945
mite pests of **commercial vegetables.** 089843
for insects on **commercial vegetable** crops in 090002
Fruit & **vegetable consumption** in world. 082351
Diseases of **vegetables** & their **control.** 3. S- 089098
Diseases of **vegetables** & their **control.** 2. S- 089507
*** 089509
Short-term storage of some **vegetable crops,** 083808
seeds & seedlings of certain **vegetable crops** 087945
substances on important **vegetable crops.** V. 088191
Developmental tendency of **vegetable crops** 088592
Sprinkler irrigation of **vegetable crops** & its 088660
A new formula for **vegetable crops,** SIOLC- 089686
an effective weedicide for **vegetable crops.** 089710
for insects on commercial **vegetable crops** in 090002
Sprinkler irrigation of **vegetable crops** & its 091348
to more intensive field **vegetable culture.** 088813
Fruit & **vegetable culture;** use of plastics ab- 088897
What is new in **vegetable culture** & control 090045
of traditional **vegetable dyeing.** [Silk, Rhus 083222
Weed control in **vegetables**--**eastern** Washin- 089737
Vegetable fat products based on palm oil. 083193
in stepwise transition to **field vegetable** pro- 088659
conversion to more intensive **field vegetable** 088813
irrigation technology for **field vegetable** pro- 091347
a measure to intensify **field vegetable** produ- 091884
in stepwise transition to **field vegetable** pro- 092107
Toxic heavy metals in **vegetables & forage** g- 082698
Soil sanitation in **vegetables forcing** & seedl- 092038
Pick-your-own pays. [**Fruit, vegetables**]. 082089
Decorative roles for **vegetables** & **fruit.** 088722
Fruit-, vegetable, & grain processing wastes 092443
special cultures in Hesse. [**Fruits, vegetable**c 082217
fleshy plant tissues. [**Fruits, vegetables**]. 083801
special cultures in Hesse. [**Fruits, vegetables** 088616
perishable commodities. [**Fruits, vegetables**] 091253
Vegetable garden primer. 088724
Insect control for **vegetable gardeners.** 090056
for sun-drying of **vegetables** in **Ghana.** 083740
Mulch first, plant second, **& vegetables grow** 091904
News on methods of **vegetable growing** in S- 088653
growth substances on **important vegetable** c- 088191
Medicinal uses of common **Indian vegetables** 088175
storage of fruits & **vegetables** by **ionizing** ra- 083802
protein content of some **Kenya vegetables.** 088021
Fresh **market vegetable** prices; revised esti- 082510
Lead residues in **marketable vegetables** & fr- 082889
in intact fruits & **vegetables** using a 3-**media** 088077
estimates, 1964--70: **vegetables, melons,** str- 082510
Minigardens with **midget vegetables.** 088930
of soap in refined **vegetable oils.** 083780
for determination of sterols in **vegetable oils** 083835
in Hesse. [Fruits, **vegetables, ornamental** pl- 082217
Market analysis for **vegetable paprika.** 082414
Fruit & **vegetable preservation** industry: pro- 083735
fruits & infusion in **preserved vegetables** & f- 083724
Fresh market **vegetable prices;** revised esti- 082510
Processed vegetables & fruits in foreign tra- 082413
Pest control: what **vegetable processor** wants 089570
transition to field **vegetable production** along 088659
sprinkler systems in **vegetable production.** 088661
technology for field **vegetable production.** [091347
sprinkler systems in **vegetable production.** 091349
to intensify field **vegetable production.** 091884
transition to field **vegetable production** along 092107
Vegetable proteins in basic meat products. 083442
determination of soap in **refined vegetable** o- 083780
of resistance of **vegetables** to **reinfection.** I. 089251
Studies on **vegetable rennet** from Withania 083321
Special aspects in tuber & **root vegetables.** 089098
of astringents for protein. [**Vegetable tannin** 088093
value of TVP, [**textured vegetable** protein] 082962
Color characteristics of **traditional vegetable** 083222

VEGETATION

Succession. [**Vegetation**]. 086628
against diseases of cereals in **vegetation.** [F- 089243
f saline river soils according to **vegetation.** 091567
substance of oats in course of **vegetation.** 087877
A seasonal study of marine **algal vegetation** 086398
in relation to high **altitude revegetation.** 088468
of ubiquinone from **vegetative amoebae** & m- 087353
thei accumulation in **arboreal vegetation.** 087568
Flora & **vegetation** of an **Ardennes** valley: L 086488
An excellent source of **vegetative buds** for u- 087550
characteristics of **certain vegetation** types: f- 086656
Vegetation cover for unproductive areas. 088617
Vegetation dynamics of lrge sandy areas in 086657
of climate & **vegetation** of **eastern** extremity 086617
Survey of **floodplain vegetation** along lower 086627
Vegetation & flora of White Tank Mountains 086356
water doses on **vegetative & generative** deve- 087951

ammonium chloride) on **vegetative growth,** f- 088188
acetic acid] sprays on **vegetative growth** & f- 088193
cell walls of synnema & **vegetative hyphae** of 087340
of stem growth in **vegetative lateral** shoots of 088178
Vegetative mapping & suitability of a stand 086679
Vegetation of **mulga** lands with special refer- 086690
Pythium spp. from **native vegetation** in Aust- 088997
induced changes in **vegetation** on **nesting** du- 089622
cycle of abscisic acid in **vegetative organs** of 088222
of eyes on grape yields, **vegetation potential** 088910
administration in **vegetal production** farms f- 082172
in woody plants by **vegetative propagation;** 086017
scale method for **vegetative propagation** of 086076
Studies of **re-vegetation** in vehicle tracks in 092048
particles in hop in period of **vegetation rest** 089407
of moors & **vegetation** of **Schwarzenegg** & 086629
Dynamic aspects of **secondary vegetation** in 085904
Sweden, June 19-23, 1972. [**Soils, vegetation** 091504
characteristics of certain **vegetation types:** f- 086656
on influence on **vegetation** of **various** types of 086650
number of eyes on grape **yields, vegetation** 088910

VEHICLE
Studies of re-vegetation in **vehicle tracks** in 092048
among number of **vehicles, transportation** di- 082467

VEIN
were infected with "tissues growth" **(big vein)** 089400
oxygen content of ovarian **venous blood** of s- 084252
glucose & hydrogen ions in **venous blood** of 084367
in walls of arteries & **veins** in **cattle** of vari- 084031
Ear vein technique for estimation of haemat- 084110
microscopy of red clover **vein mosaic** virus in 089356
Sweet potato **vein mosaic** virus in Argentina 089373
systemic nature, & spread of **pear vein** yell- 089391
Division of **uterine vein** & function of adjac- 084270
multiplication of sowthistle yellow **vein virus** 089417
appearance of leaves of turning-**yellow vein.** 089519
of multiplication of sowthistle **yellow vein** v- 090832

VELD
A system of **veld classification** & manageme- 088497

VELOCITY
Effect of air temperature & **velocity** on **heat** 083678
Precise water **velocity measurements** using 092277
Bank erosion on low-**velocity streams.** 092029

VENATION
with special reference to **wing venation** & m- 090882

VENDING
prepared sandwiches for **vending trade.** 082827

VENEERS
adjustment for sized **closed veneer.** 086161
Filipino plywood operation pre-**dries veneer** 086275
Studies on **laminated-veneer** lumber. I. On 086269
of frame work parts from **veneer leaves** unro- 086235

VENOM
Venom of **worker** bees. [Apis melifera]. 090274

VENTILATION
a pile storehouse with **automatic ventilation.** 091273
Forced-**draught ventilation** with cold, outside 083829
covers, shading & **ventilation** on **honeybees** 091156
Ventilating layer & pullet houses. 091237
Techniques of **stable ventilation** & factors w- 091292
Ventilation system ... for cold, free--stall ba- 091295

VENTURIA
SEE MYCOSPHAERELLACEAE

VERATRUM
SEE LILIACEAE

VERBENACEAE
Diterpenoids from **Caryopteris divaricata.** 087540

VERMICULITE
Use of **vermiculite** to **improve** stands of dire- 091959

VERNALIZATION
in culture in vitro of **"vernalization need"** in 087917
its application: **Vernalization** in **winter** whe- 087899

VERSICOLOR
SEE COLOR

VERTEBRATES
Cervical vertebral instability in dog. 085638
encephalitis virus in **cultured vertebrate** & a- 085585

VERTICAL
Vertical fiber hide defect: biopsy study of tw- 083393
Vertical migration of Haemonchus contortus 085353
modelling of radionuclide **vertical migration** 091705
Model calculations on **vertical transport** of 091611

VERTICILLIUM
derivative fungicide on **Verticillium** [albo-at- 089221
for resistance to rust & **Verticillium** [albo-at- 089237
Hybridization of **Verticillium albo-atrum** & 086875
Effect of fungus **Verticillium dahliae** on stru- 088982
albo-atrum & **Verticillium dahliae.** [Wilt dis- 089010
of polyene antibiotics. [**Verticillium dahliae** 089284
famigants for control of **Verticillium wilt** of 088986
sib families of red maple to **verticillium wilt** 089185
famigants for control of **Verticillium wilt** of 091491

VESICLE
ascorbic acid content of **juice vesicles** in diff- 088198
exudate from lemon fruit **juice vesicles.** 088237
activity associated with **vesicular stomatitis** 085180
infection by **vesicular stomatitis** virus. 085468

VESPIDAE
New on hornets. [**Vespidae**]. 090780
lepeletier, 1836 (Hymenoptera: **Vespidae**): 090919

VESPULA
housing for yellowjacket colonies. [**Vespula**] 090254

VESSEL
on a new wall layer in **vessel associated** cells 086813
A mechanical means of **blood vessel** ligation 085123
Lymph nodes & **lymph vessels** of head of go- 084045

VETCH
during germination of seeds of **vetch.** 087740
well as of seed rate on yield of **vetch grown** 088329

VETERINARIANS
Management by exchange. [**Veterinarians**]. 084992
Dessau, 60 years old. [**Veterinarians**]. 085054
Cynology for **veterinarians.** [Dogs]. 085142
Dr. Prof. Walter Koch. [**veterinarians**]. 085143
Professor Dr. Ante Stefancic. [**Veterinarians**] 085155
memoriam: Viktor De Gleria. [**Veterinarians** 085161
th anniversary of his birth. [**Veterinarians**]. 085164
In memoriam Jurgen Tiews. [**Veterinarians**] 085179
Austrian veterinarian Franz Bichele (1808- 085178
What a **veterinarian** should **know** about swi- 083958
Role of **veterinarian** in **livestock** industry in 085100
Pathology of **veterinarians occasioned** by ge- 085495
Veterinarians in **production** of fresh water. 085152
Veterinarians trained in schools of public h- 085120

VETERINARY
a practice laboratory. [**Veterinary**]. 085144
eysergide, **amphetamine, veterinary** medicine 085483
A **veterinary approach** to relationship betwe- 084706
Livestock Commission: **veterinary aspects.** 082880
Veterinary care principles in reproduction of 085174
of Slovenia in XIXth **Century--veterinary** se- 085165
Chief veterinary councilor dr g farchmin 60 085104
health course at Royal **Veterinary College.** 085136
At first European **veterinary congress;** conc- 085327
test as means of sanitary **veterinary control** 082874
Chief **veterinary councilor** dr g farchmin 60 085104
Therapeutics of **veterinary dentistry.** 084990
Veterinary dentistry; structure of teeth. 084991
Residues of **veterinary drugs** in milk, meats 082672
Veterinary education. registered animal nurs- 085065
At first **European veterinary** congress; conc- 085327
Union Institute of **Experimental Veterinary** 085108
Union Institute of **Experimental Veterinary** 085112
Union Institute of **Experimental Veterinary** 085441
Union Institute of **Experimental Veterinary** 085791
structure of **Veterinary Faculty** of Austral 085078
porcine-leptospirosis in **forensic veterinary** 085424
Presence of snails of **veterinary importance** 085291
What is expected of a **veterinary inspector** at 082787
anniversary of work of **Veterinary Institute** 085160
Certain sanitary-**veterinary investigations** in 083512
complications. [**Veterinary medicine**]. 084997
DVM. [Doctor of **veterinary medicine**]. 084998
Gastrointestinal] tract. [**Veterinary medicine**] 084999
Referrals in **veterinary medicine.** 085000
intensive care facility. [**Veterinary medicine**] 085004
to electromyography. [**Veterinary medicine**] 085006
Necropsy. [**Veterinary medicine**]. 085013
examination. [**Veterinary medicine**]. 085018
inhalation anesthesia. [**Veterinary medicine**] 085019
fluid accumulations. [**Veterinary medicine**]. 085023
equipment. [**Veterinary medicine**]. 085024
of bladder & urethra. [**Veterinary medicine**] 085028
Spinal surgery. [**Veterinary medicine**]. 085037
Use of prostaglandins in **veterinary medicine** 085071
total error. [**Veterinary medicine**]. 085077
Veterinary medicine & professionalism. 085083
activity of enzyme in **veterinary medicine.** 085102
Developments in **veterinary medicine** as a d- 085105
of Experimental **Veterinary Medicine,** 1966 085108
of scientific research. [**Veterinary medicine**] 085109
recommendations. [**Veterinary medicine**]. 085110
with foreign countires. [**Veterinary medicine** 085111
of Experimental **Veterinary Medicine.** 085112
of Experimental **Veterinary Medicine.** 085113
diagnostic systems in **veterinary medicine.** 085116
with dogs & cats. [**Veterinary medicine**]. 085124
methods in **veterinary medicine** & animal br- 085127
sampling. [dogs, pigs, **veterinary medicine**]. 085139
fire engine practice. [**Veterinary medicine** c- 085150
for practical growth. [**Veterinary medicine**] 085151
Montenegro **veterinary medicine.** 085154
Dr. Vase Butozana. [**Veterinary medicine,** t- 085156
A short history of **veterinary medicine** of Sl- 085158
for Improvement of **Veterinary Medicine,** S- 085159
From history of **veterinary medicine** within 085165
against bacteria. [**Veterinary medicine**]. 085238
in forensic **veterinary medicine.** 085424
of Experimental **Veterinary Medicine.** [Live- 085441
Results & objectives of **veterinary medicine** 085447
Pasteurella multocida. [**Veterinary medicine** 085458
at molecular level. [**Veterinary medicine**]. 085464
eysergide, amphetamine, **veterinary medicine**] 085483
cancer therapy in **veterinary medicine.** 085610
Clinical allergy. [**Veterinary medicine**]. 085614
Epilepsy. [**Veterinary medicine**]. 085616
Cervical spinal cord. [**Veterinary medicine**] 085617
Diuretic therapy in **veterinary medicine.** 085714
of head injury patient. [**Veterinary medicine** 085770
of Experimental **Veterinary Medicine.** 085791
chelates in therapy. [**Veterinary medicine**]. 085804
Antonije Kobliska & **Montenegro veterinary** 085154
processing system in **veterinary pathology.** 085073
of newborn hamster. [**Veterinary pathology**] 085650
clutch" sampling. [dogs, **pigs, veterinary** me- 085139
Art of practice. [**Veterinary practice**]. 084994
a decade of change. [**Veterinary practice**]. 085007
Art of **veterinary practice.** 085086
with use of Coyden 25 in **veterinary practice** 085283
Rise & decline of **veterinary profession.** III 085074
Veterinary responsibilities at Swaziland's e- 082879
animal health course at **Royal Veterinary C-** 085136
test as means of **sanitary veterinary** control 082874
Certain **sanitary-veterinary** investigations in 083512
study of development of **veterinary service** in 085153
Activity of **veterinary service** in Greece. 085163
in XIXth Century--**veterinary service.** 085165
Sheep Veterinary Society visit to France, 085138
Should **veterinary students** specialize? 085085
of education of **veterinary students** in herb d- 085106
of blood vessel ligation. [**Veterinary surgery** 085123

VIABILITY
influence of fumigants on their **viability.** 083527
processing injury & **viability** in **Crownvetch** 083531
competition on **viability, developmental** rate 090427
on preservation & **viability** of **embryos.** [Sh- 084968
chamber & its effect on **viability** of **maize** s- 087868
Meiosis & **pollen viability** in hexaploid Triti- 086891
to ajatin & **viability** of their **resting** spores a- 087343
Viability of **Salmonella** typhimurium in ice- 083388
Seed viability of maize (Zea mays L.). 087800

VIBRATIONS
chainsaw handle's **vibration** & their **changes** 086131
Experimental study on **vibrations** at **driver's** 091392
Utilization of **vibration effect** in developing 083061
for behavior of subsoil under **vibratory load.** 091445
analysis: a study of **molecular vibrations** of 086102
rigidity of solid wood by **torsional vibration** 086154

VIBRIO
SEE SPIRILLACEAE

VICIA
of spring & winter field beans (**Vicia faba** L. 083797
peas & dehulled horsebeans(**Vicia faba**). 084479
fluorouracil deoxyriboside] in **Vicia faba.** [B- 086967
of cotyledon development in **Vicia faba** L. [087541
by a particulate preparation from **Vicia faba** 087679
of 3,4-dihydroxyphenylalanine in **Vicia faba.** 087831
of development & growth of **Vicia faba** L. [087983
blackening of broad bean (**Vicia faba** L.) se- 089448
cultures of different genera. [**Vicia hajastana** 088177

VICINA
SEE MOLLUSKS

VIDEO
Video tape reinforces learning. [Extension 081930

VIGNA
in subcellular fractions of **infected vigna** lea- 089416

VILLAGES
system for single-family farms & **villages.** [092326
A case study of **Abinnimangalam village.** [R- 081926
of a coastal tributary in **village** of **Dramont,** 086387
of local leadership in an **Egyptian village.** 081911
knowledge in agriculture of **village extension** 081906
Village forest a component of local economy 085965
I. Characteristics of **village & Gemeinschaft** 082047
Anopheles gambiae sp. B in **Kambole village** 090224
Preference of **village level** workers & farmers 081970
A habitat in development: **villages-streets** of 081990
Changing retail activity in **Wisconsin villages:** 082465

VINES
Vines that **climb.** 088746
cultivated grape vines & grape **vine cuttings** 089428
Selection of **grape vines** stocks for new plan- 086843

dropping of diploid & tetraploid **grape-vines** 087170
of systematic fungicides in **grape vines.** [Bot- 089287
o root-stock influence in **vine-plantations** of 088808
in berry weight between **Sultana vines.** 087171

VINEYARDS
New cultural techniques in **vineyard.** [Herbi- 088646
Mulching with plastics in **vineyards.** 092039
Vineyard area, wine varieties & production 082497
of Botrytis cinerea in Gold **Coast vineyard** 089022
wines coming from **vineyard** of **Dragasani.** 083755
mechanization of work in **grape vineyards** p- 091423
for elimination of twigs in **grape vineyards.** 091426
mechanization of work of **grape vineyards.** 091427
spraying of soils of **grape vineyards.** 092216
of thermo-microclimate of **typical vineyards** 086676
biological environment of **typical vineyards** 086683
Growth & yield of **vineyards** with **various** m- 088221
Fertilizer spreaders in **vineyards** with **wide** 091435

VINIFERA
in Perlette variety of **vinifera grapes.** 088195
in Perlette variety of **vinifera grapes.** IV. Ef- 088886
on growth & yield of Vitis **vinifera Gutedel** 087096
Studies on irrigation of grape (**Vitis vinifera** 088888

VINTAGE
SEE WINE

VINYL
of graft polymerization of **vinyl monomers** 086251

VIOLA
on Indian representatives of **genus Viola.** 086788

VIOLETS
What to do without **Violet** No. 1. [Food col- 083078
African violet hybridizing. 088740
perfringens. II. Sodium azide, **crystal violet,** 085484

VIREMIA
Characterization of **viraemia** of **rabbits** infec- 085598

VIRESCENT
Exact location of **virescent** (V4) gene in ma- 086850
Two **virescent mutants** on long arm of chro- 087032

VIRGIN
reference to oocyte degeneration in **virgins** 090607
baited simultaneously with **virgin females** of 089916
recommended for planting in **Virgin Islands.** 086089

VIRULENCE
inocultaed with a **virulent** or an **avirulent** st- 089303
Virulence of two **mastitis** strains of Staphyl- 085374
multocida. I. Efficacy of an **avirulent mutatn** 085276
cuniculi dale) & **virulent myxoma** virus. 085388
treatment on **virulence** of a **nuclear** polyhed- 089812
enzyme" involved in **virulence** of **Pythium.** 089165
Virulence spectrum of Rhynchosporium seca- 089175
Virulence of **wheat** leaf rust in North Dakota 089218

VIRUSES
infectious bovine rhinotracheitis] **virus** & on 085186
on Newcastle disease "Komarov" **virus.** [Po- 085326
possessing stripe disease resistance. [**Virus**] 086987
Resistance of potato to X **virus.** 087157
in potatoes under infection with **virus** Y. 089342
possessing stripe disease resistance. [**Virus**] 089348
growth" (big vein). [Mycoplasma-like **virus**] 089400
Resistance of potato to X **virus.** 089405
detection & occurrence of **viruses.** [Water]. 092453
sheep pulmonary adenomatosis (SPA) **virus** 085575
mucosal disease, **adeno virus** & Chlamflida i- 085518
Blue-green **algal virus** N-1: physical propert- 089421
drift of equine infectious **anemia virus** in ch- 085240
studies of equine infectious **anemia virus.** V. 085242
in neutralization of equine **arteritis virus** by 085578
Fate of sensitized equine **arteritis virus** foll- 085579
characterization of a **virus associated** with a- 085278
characterization of **viruses associated** with t- 085280
of an avian adenovirus-**associated virus.** [Qu- 085377
Ecology of **viruses attacking** Bacillus stearo- 091738
exudate cells from mice. [**Bluetongue virus**] 085392
A review of arthropod-**borne virus** infections 085260
isolation & identification of a **bovine viral** d- 085248
formation by infectious **bronchitis virus** in c- 085273
of Weladol. [Disinfectants, **canine viruses**]. 085487
of a foot-and-mouth disease **carrier virus** ty- 085323
digesting organs caused by **viruses** in **cattle.** 085414
fever by inoculation of **virus** into **cervix.** 085256
Semliki Forest **virus-chick** embryo cell inter- 085394
passages of early yield of **virus** in **chick** emb- 085476
Herbaceous hosts of **citrus viruses.** 089399
rhinotracheitis] **virus** & **concentrations** of s- 085183
Effect of pretreatments on **virus contents** of 092464
Mosaic & leaf **curl viruses** of papaya & their 089398
Strawberry **virus deseases** & methods of obt- 089402
on reliability of serological **virus detection** in 089428
identification of a bovine **viral diarrhea**-muc- 085248
sutides of Marek's disease **virus directed** int- 085245
Bacteria, Newcastle **disease virus**]. 085237
sutides of Marek's **disease virus** directed int- 085245
a bovine viral diarrhea-mucosal **disease virus** 085248
to velogenic Newcastle **disease virus.** 085266
pathotype of Newcastle **disease virus.** 085272
to inactivated Newcastle **disease virus.** 085281
formation against Newcastle **disease virus** in 085369
protein in foot-and-mouth **disease virus** part- 085395
by type SAT 2 foot-& mouth **disease viruses** 085396
chicks against NDV [newcastle **disease virus**] 085431
properties of foot-and-mouth **disease virus.** 085446
of attenuated Newcastle **disease virus** strains 085475
properties of Newcastle **disease virus** strains 085476
Viral disease of some warm weather pulse c- 089388
A **virus disease** in Anopheles quadrimaculat- 090256
Investigation of a **virus disease** of densonucl- 090440
of immunoprophylaxis for **virus diseases** of r- 085436
Some results of studying **virus diseases** of li- 085461
Virus diseases of potato in India & their co- 089340
present danger in tobacco. [**Virus diseases**] 089341
Virus diseases of Ranunculus in Apulia. 089345
Virus diseases in stone fruits. [Peach, cherry 089349
of fanleaf & chrome mosaic **virus diseases** on 089350
Virus diseases & what they mean to peach t- 089397
of cherries (not including **virus diseases**). 3d 089525
Computer-based catalog ov **viral diseases** of 089811
Tulip veinal streak, a **viral disorder** of forced 089371
Some properties of maize rough **dwarf virus** 089330
studies on rice black-streaked **dwarf virus** in 089351
purification of potato yellow **dwarf virus.** 089376
properties of raspberry bushy **dwarf virus** in 089380
morphology of California **encephalitis virus** 085585
Tick-borne **encephalitis virus** (TBE) in Ger- 090301
morphology of California **encephalitis virus** 090833
fig trees to fig mosaic virus (**Ficus virus** 1. 089336
Carnation necrotic **flick virus.** 089364
of sensitized equine arteritis **virus following** 085579
Viruses in **foods.** 082825
Semliki **Forest virus**-chick embryo cell inter- 085394
on multiplication of Semliki **Forest virus** & 085582
immunization in mice by use of **virus-free** de- 085468
of grass & herbage legumes. [**Fungi, viruses**] 089047
bovine rhinotracheitis] **virus** & **glucose,** alka- 085184
A **granulosis virus** of rice leaf roller, Cnapha- 089849
of double infection by **granulosis virus** in lar- 089850
Hemolymph proteins of **granulosis virus** inf- 090564
Plum ring-spot & shot-**hole virus:** A new rec- 089344
Diseases of cherries (not **including virus** dis- 089525
system on development of a **virus-induced** t- 085604
surface fungi of healthy & **virus infected** Ly- 089275
detection of tobacco ringspot **virus-infected** 089389
surface fungi of healthy & **virus infected** Ly- 089408
of a protein in brome mosaic **virus infected** 089423
in cowpea chlorotic mottle **virus-infected** hy- 089425
of healthy & wound tumor **virus-infected** Ag- 089929
proteins of granulosis **virus infected** Trichop- 090564
characterization of a **virus infecting** a blue-g- 089424
Viral infection of bovine fetus & its environ- 085247
pustular vulvovaginitis] **virus infection** in calf 085435
Tobacco mosaic **virus infection** of greenhouse 089331
A review of arthropod-borne **virus infections** 085260
Virus infections in asparagus (Asparagus off- 089332
transmission of **virus** of **infectious** bovine rh- 085565
of ultraviolet irradiation on **virus infectivity** 085242
Development of a **viral insecticide:** concept 089890
Study of a **virus isolated** from Stellaria med- 089369
Producing apple trees free of **known viruses** 086924
disease & infectious **laryngotracheitis viruses** 085202
plants in Gramineae, wheat yellow **leaf virus** 089360
yellow mosaic virus, pea mosaic **virus, lettuce** 089357
activity by avian **leukosis virus.** 085580
of avian sarcoma & from avian **leukosis virus** 085583
Evaluation of **live-virus** vaccine against avian 085200
of Euonymus mosaic **virus, maple** leaf perfor- 089335
of kidney beans resistant to **mosaic virus?** 087186
Fusarium spp. & cucumber **mosaic virus.** 089176
to bioassay of Cymbidium **mosaic virus.** [Oi- 089224
Tobacco **mosaic virus** infection of greenhouse 089331
transmission of Euonymus **mosaic virus,** map- 089335
of most resistant fig trees to fig **mosaic virus** 089336
chlorotic mottle & brome **mosaic viruses.** 089346
Effects of fanleaf & chrome **mosaic virus** dis- 089350
Translation of brome **mosaic viral** ribonucleic 089353
microscopy of red clover vein **mosaic virus** in 089356
bean yellow mosaic virus, pea **mosaic virus,** 089357
Purification of pea enation **mosaic virus** & i- 089358
induced by bean yellow **mosaic virus.** 089359
of new strains of alfalfa **mosaic virus** in Hu- 089361
tobacco leaf discs to tobacco **mosaic virus.** 089362
Attachment of tobacco **mosaic virus** to host 089366
Lucerne **mosaic virus** transmission by Myzus 089368
Stellaria media, Claytonia **mosaic virus** (Cl- 089369
Fusarium spp. & cucumber **mosaic virus.** 089370
Sweet potato vein **mosaic virus** in Argentina 089373
infected with barley stripe **mosaic virus.** 089374
combined effects of tobacco **mosaic virus** & 089377
microscope grids. [Tobacco **mosaic virus**]. 089382
to bioassay of Cymbidium **mosaic virus.** [Oi- 089390
aphid vectors of pea seedborne **mosaic virus** 089393
transmission of maize dwarf **mosaic virus** by 089394
Behaviour of yellow spot **mosaic virus,** a str- 089401
Turnip **mosaic virus** in horseradish. 089409
Replication of tobacco **mosaic virus.** V. Pro- 089411
of protein from tobacco **mosaic virus** after i- 089413
Translation of TMV [tobacco **mosaic virus**] 089414
stranded RNA of cowpea **mosaic virus** in su- 089416
chlorotic mottle virus, tobacco **mosaic virus**] 089419
of a protein in brome **mosaic virus** infected 089423
Transmission of pea enation **mosaic virus** by 089429
yellow mosaic & radish **mosaic viruses** in Ge- 089430
of kidney beans resistant to **mosaic virus?** 089431
Lucerne **mosaic virus** transmission by Myzus 089940
transmission of maize dwarf **mosaic virus** by 089942
aphid vectors of pea seedborne **mosaic virus** 090072
Transmission of pea enation **mosaic virus** by 090101
electron microscopy of Burdock **mottle virus** 089365
a mild mottle strain of peanut **mottle virus.** 089379
rates. [Cowpea chlorotic **mottle virus,** tobac- 089419
resistance in cowpea chlorotic **mottle virus**-i- 089425
infected with avian **myeloblastosis virus.** 085503
cuniculi dale) & virulent **myxoma virus.** 085388
problems of tobacco **necrosis virus.** [Hungary 089363
control, Heliothis **nucleopolyhedrosis virus**]. 089890
virus deseases & methods of **obtaining virus-** 089402
chicken-embryo-lethal-**orphan viruses** in chi- 085410
Computer-based catalog **ov viral** diseases of 089811
in foot-and-mouth disease **virus particles.** 085395
Viruslike particles associated with a disease 089381
An additional note on **viruslike particles** ass- 089385
Demonstration of **virus particles** in hop in p- 089407
III. Studies on location on **virus particles** for 089413
of mitochondria during **viral pathogenesis** of 087747
to purify bean yellow mosaic **virus, pea** mos- 089357
lappa L. (studies on **viruses** of **plants** in Co- 089365
on virulence of a nuclear **polyhedrosis virus** 089812
of turnip moth & by **polyhedrosis virus** in t- 089850
Bacillus thuringiensis, **polyhedrosis virus,** Tr- 089992
evaluation of a nuclear **polyhedrosis virus** of 090136
A new cytoplasmic **polyhedrosis virus** from 090257
mori]-larva to some **polyhedrosis viruses** of 091178
a strain of a cytoplasmic-**polyhedrosis virus** 091174
virus, lettuce mosaic virus & **potato virus** Yn 089357
of tobacco mosaic virus & **potato virus** Y on 089377
A new outbreak of **potato virus** Y on tobacco 089392
secondary infection with **potato virus** X (P- 089395
in diagnosis of A **virus** of **potatoes.** 089406
Properties of **viruses** of **potyvirus** group. 1. 089357
on differentiation of avian **pox viruses.** 085269
on infectivity of curly top **virus preparations** 089372
Virogenic properties of AKR mouse sarcoma 085241
fragments of tobacco **rattle virus** ribonucleic 089347
Experiments with **virus Rhabdionvirus** oryct- 090038
fragments of tobacco rattle **virus ribonucleic** 089347
of brome mosaic **viral ribonucleic** acid in a 089353
l.), induced by nasturtium **ringspot virus.** 089333
Seed transmission of tomato **ringspot virus** 089386
Aerial detection of tobacco **ringspot virus-in-** 089389
barley as a component of **viral** RNA polyme- 089423
extent of potato leaf-**roll virus** in seed potat- 089396
cells induced by Rous **sarcoma virus.** 085241
serum factor inhibiting Rous **sarcoma virus** 085393
chemically inactivated Rous **sarcoma virus** t- 085580
mutant (ts 334) of anian **sarcoma virus** B77 085581
sensitive mutants of avian **sarcoma virus.** [C- 085584
Studies on reliability of **serological virus** de- 089428
On isolation of **virus** from **sewage** treatment 092463
of Burdock mottle virus, a rod-**shaped virus** 089365
cells infected with Datura **shoestring virus** 086737
Localization of **virus-specific** double-stranded 089416
sap in relation to X **virus,** & its **specificity.** 087156
associated with vesicular **stomatitis virus.** 085180
infection by vesicular **stomatitis virus.** 085468
viral diarrhea-mucosal disease **virus strain** by 085248
Strawberry virus deseases & methods of obt- 089402
Some results of **studying virus** diseases of li- 085461
Chrysanthemum **stunt virus** in Belgium. 089367
of maize rough dwarf **virus subviral** particles 089330
development of **viruslike symptoms** in ash o- 089383
for comparison of beet yellows **virus titres** in 089403
Cowpea chlorotic mottle **virus, tobacco** mosa- 089419
substances on infectivity of curly **top virus** p- 089372
Rous sarcoma **virus transforming** activity by 085580
Lucerne mosaic **virus transmission** by Myzus 089368
polyhedrosis **virus, Trichoplusia** ni, biological 089992
on transmissibility of citrus **tristeza virus** by 089378
hemocytes of healthy & wound **tumor virus-** 089929
a foot-and-mouth disease carrier **virus type** 085323
Evaluation of live-**virus vaccine** against avian 085200
multiplication of sowthistle yellow **vein virus** 089417
A new **virus** of **wheat,** barley & several other 089360
nature, & spread of pear vein **yellows virus** 089391
method for comparison of beet **yellows virus** 089403
lettuce mosaic virus & potato **virus Yn.** 089357

VISCOSITY
Viscosity behaviour of low-yield grafted cell- 086117
with oral evaluation of **viscosities** of **glucose** 083155
for increase in **viscosity** of a **heated** wheat s- 083545
Effect of hydrocolloids on **oral viscosity** & b- 083154

VISUAL
contact occluders for small animals. [**Vision**] 084301
Effect of **visual cortex** on evoked potentials 084255
between germ size **evaluated visually** & oil 087149
General vision of Castellon province. [Agric- 082486

Fluxes of **visible & net** radiation within a fo- 086670
land for recreational use by **visible points** a- 085938
of near ultraviolet & **visible radiations** on ce- 086708
of nutrient defiencies & **visual symptoms.** 088044

VITAMIN

for determination of tocopherols (**vitamin** E) 082972
Growing children need more **vitamin** C. 082985
of low fat market milk with D **vitamin.** 083291
determination of alpha-Tocopherol (**vitamin** 083627
Effect of different quantities of **vitamin** "A" 084339
of mineral fertilizers on content of **vitamins** 087656
Investigations on repellent effect of **vitamin** 090295
seasonal dynamics of **vitamin** A in **buffalo** (084360
Vitamin B12 **content** of certain Hungarian f- 082980
Effect of **dietary vitamin** E on activities of g- 084603
Influence of **dietary vitamin** E & fat on dep- 084729
Efficacy of selenium & **vitamin** E **injections** 085689
Nitrate-vitamin A relationship in a growing- 084728
dietary copper & **vitamin** E on **oxidative** sta- 084582
effect of **vitamin** D3 & other **parameters.** 084263
Protein-**vitamin paste** made from Chlorella 084537
Warfarin resistance & **vitamin** K **requirement** 084625
Vitamin requirements of certain pediococci i- 082779
Vitamin requirements of Cercospora beticola 087599
Studies on **vitamin requirements** of Cercosp- 089084
Vitamin requirements of Cercospora beticola 089273
Effect of **vitamin** E & **selenium** on tissue ant- 084259
Vitamin E & **selenium** relationships in swine 084409
among **vitamin** E, **selenium,** antioxidants & 084601
Effect of **selenium, vitamin** E, & antioxidants 084800
Serum vitamin A content of normal ruminant 084020
of Chlorella paste as a **vitamin supplement** 084538
Effect of **vitamin** B12 **supplementation** to h- 084611
Vitamin E, **tocopherol** quinone & selenium in 090647

VITELLINE

III. Formation of **vitelline membrane.** 090590

VITICULTURE

as a basis for farm planning in **viticulture.** V 082190
of intensifying horticulture & **viticulture.** [P- 082289
a biological valuable measure in **viticulture.** 088932
Bud eating pests in **viticulture.** [Earth wor- 089565
of integrated plant protection in **viticulture** 089582
in selection of tractors for **viticulture.** 091405
a biological valuable measure in **viticulture.** 092006
negative aspects of terracing. [**Viticulture**]. 092054
of soil tillage experiments in **viticulture.** 092055
Viticulture will be **advanced!.** 082661
supplies in **viticulture** by means of **machine** 082189
Viticulture topics? [Agricultural productivity 082660

VITIS

of grape rust mite (**Calepitrimerus vitis** Nal. 090044
of root stock breeding with **Vitis cinerea** Ty- 087096
Studies on irrigation of grape (**Vitis vinifera** 088888

VITRO

acid derivatives by rumen bacteria in **vitro.** 084105
rat mammary gland with adrenalin in **vitro.** 084174
or cellulose by rumen microbes, in **vitro.** 084220
of glucolytic rumen bacteria in **vitro.** 084234
radiatum grown in vivo & in **vitro.** [Cattle] 085399
Experimental analysis in culture in **vitro** of 087917
effects of plant growth substances in **vitro.** [087969
mazzand cherry segments cultured in **vitro.** 088230
in tissues of crown gall cultivated in **vitro.** 089294
on cells of insects cultivated in **vitro.**]Leuc- 090421
Hemiptera, Homoptera, Cicadidae) in **vitro.** 090482
salivary gland chromosomes in **vitro.** 090511
of Galleria mellonella (Lepidoptera) in **vitro** 090692
Drodophila melanogaster in culture in **vitro** 090855
clay minerals in vivo & in **vitro.** [Soils]. 091510
stem fragments of potatoes cultivated in **vit-o** 087919
In **vitro bactericidal** capacity of Blaberus cr- 090197
In **vitro cell** differentiation in testes of Dro- 090509
nitrogen]-sources under **vitro conditions.** 4. 084061
hydei maintained under in **vitro conditions.** 090510
Isolation & in **vitro cultivation** of cells of E- 087463
Relationships between in **vitro digestibility** 086991
treatment of ryegrass straw: in **vitro dry** ma- 083879
In **vitro foliar** shoot bud formation in Begon- 088014
Some data on in **vitro hydroxylation** of anth- 087195
concentrates by in vivo & in **vitro methods.** 084600
Factors affecting culture in **vitro** of **potato** 088868
In **vitro protein** systhesis, ribosomal RNA s- 087341
Cumbidium protocorms in **vitro,** as it **relates** 088008
activity of pepsin in **vitro** & on **response** of 085603
pathogenicity & in **vitro sensitivity** to fungic- 089166
In **vitro studies** on amino acid absorption. II 084365
In **vitro studies** of group E streptococci in 085307
*** 085309
In **vitro studies** on reproductive biology of 087308
II. Nucleolar morphology & in **vitro studies** 090598
In **vitro tuberization** of potato sprouts as af- 088184

VIVIPAROUS

Misuse of term "**vivipary**". [Corn]. 087801

VIVO

in chlorophyll b absorption spectra in **vivo.** 087277
A kinetic study of in **vivo ATP** [adenosine tr- 087687
Rate of alcohol dehydrogenase in **vivo decay** 087092
In **vivo removal** of protein from tobacco mo- 089413
protein concentrates by in **vivo** & in **vitro** m- 084600
radiatum grown in **vivo** & in **vitro.** [Cattle] 085399
clay minerals in **vivo** & in **vitro.** [Soils]. 091510

VOCAL

Feeders voice mixed emotions over proposed 082727

VOCATIONS

materials for **vocational agriculture.** 081897
secondary school **vocational agriculture** stud- 081902
a key to improved **vocational agriculture** pr- 081903
education of Vo-Ag [**vocational-agriculture**] 081965

VOLATILE

on transition constants of **volatile acids** by s- 083058
determination of **volatile aliphatic** acids & l- 083913
Interactions among **volatile aroma** compoun- 083173
On sorption of **volatile aroma** constitutents 083228
Biogenesis of **banana volatiles.** 083772
Identification of **volatile compounds** from h- 082953
Utilization of **volatile fatty** acids & glucose 084102
concentration] osmolality & **volatile fatty** ac- 084113
feeding antibiotics on ruminal **volatile fatty** 084185
Blood glucose level & **volatile fatty** acids in 084191
of nutrients & VFA [**volatile fatty** acid] pro- 084203
on nitrogen fractions & total **volatile fatty** a- 084544
sources of dietary nitrogen on **volatile fatty** 084549
Blood glucose level & **volatile fatty** acids in 084551
between postprandial plasma **volatile fatty** 084596
mechanisms of retention of **volatile** in **freeze** 083144
Assessment of **volatilization loss** of ammonia 091966
Volatile oil from herb & fruits of Carum cop- 087554
Quantity of **volatile organic** substances in fir 088242
between postprandial **plasma volatile** fatty 084596
of feeding antibiotics on **ruminal volatile** fat- 084185
Effect of **volatile substances** from safflower 089202
Formation of **volatile sulphur** compounds du- 083581
urea on nitrogen fractions & **total volatile** fa- 084544
Volatile transport in frozen aqueous solutio- 083053

VOLCANOES

Studies on humus of **volcanic ash** soils: regi- 091763
grown on soils derive d from **volcanic rocks** 091835
Calcium in **volcanic soils** of highlands of Pa- 091723

VOLES

Food eaten by red-**backed vole,** Clethriono- 085833

VOLUMETRY

Volumetric method of meat specific mass m- 083447

WACHTLIELLA

in oogenesis of **Wachtliella persicariae** (Cec- 090600

WAFER

Production & costs of **hay wafers.** 1. 082200
Production & cost of **hay wafers.** 2. 082202

WAGES

Declining **dairy earnings** spur New Zealand' 082387
Goals of increasing dairy **farmers' earnings** 082199

WALKING

leg movements during **walking** in **cockroach.** 090670

WALL

in growing pear-trees in form of **wall.** 088935
in **walls** of **arteries** & veins in cattle of vari- 084031
transport across rabbit **blastocoele wall.** 084101
studies of sensory innervation of **body wall** 090852
tongue form blocks surrounded by **cell wall** 086042
Studies on **cell wall** polysaccharides of Pinus 086247
Cell wall structures of Epicíccum nigrum (086736
Compositional studies on **cell walls** of synn- 087340
Chemical heterogeneity of **cell wall** polysac- 087569
Isolation of plant **cell wall** preparations with 087769
Chemical composition of **cell walls** of Lolium 087824
Cell wall thickness during growth of domest- 087931
Polysaccharide changes in **cell walls** of ripe- 088137
Cell wall thickness during growth of domest- 088579
Histochemical changes of **cell walls** of lettu- 089328
their passage through **intestinal wall** & mov- 082697
cholinesterase in **intestinal wall** of rabbits & 084032
Observations on a new **wall layer** in vessel 086813
Studies on cell **wall polysaccharides** of Pinus 086247
heterogeneity of cell **wall polysaccharides** in 087569
Isolation of plant cell **wall preparations** with 087769
Cell **wall structures** of Epicíccum nigrum (086736
form blocks surrounded by cell **wall system.** 086042
Cell **wall thickness** during growth of domest- 087931
Cutoff **trench walls.** [Drainage structures]. 091300

WALNUTS

results of early provenance tests of **walnut** (085997
Juglans regia varieties in Kansas. [**Walnuts**] 088848
Corrective pruning young **black walnut** trees 088845
Propagating **black walnut** clones from rooted 088847
Report on **black walnut** variety evaluation. 088849
Walnut grafting in Oregon: problems & solu- 088844

WAREHOUSES

application of " **warehousing model"** to farm 082148

WARFARIN

Warfarin resistance & vitamin K requirement 084625

WARMTH

rainfall & winter dryness of **warm moderate** 088530
methods in paddy fields of **warm regions.** [R- 092162
in bumblebee during **warm-up, stabilization** 090669
of rice plant & its growth in **ther warmer** di- 088437
Viral disease of some **warm weather** pulse c- 089388

WASHING

sperm **concentration, washing** & substrate c- 084873
Influence of **postirradiation washing** on gro- 087575
Water-**recycle washing** of refined soybean oil 083604
Effect of **washing techniques** on nutrient los- 088106

WASPS

sharing & nest transfer in **digger wasp** Phil- 090448
behaviour in ant-like **wasp Methocha** stygia 090447
of pars cerebralis of **wasp Polistes.** 090436

WASTE

crop quality, & nutrients in **wastes.** 091831
municipal, industrial, & **agricultural waste** 092319
Agricultural wastes. 092446
Treatment of **animal wastes** in North Ameri- 092394
of ponds enriched with **wastes** from **beet** su- 087207
Valley caused by **waste** from **chromate** manu- 092389
quantities for use of **clearand waste-water** s- 088327
in plant communities on **colliery waste** tips 086660
Wood **waste composts** manufacture & applic- 086270
Keeping **cotton wastes** from air. 092295
step in recycling of dairy **cow wastes.** 083968
Dairy wastes & environment. 092333
Dairy wastes. [Treatment]. 092447
study on treatment of wine **distillery wastes** 092303
Waste, environment protection & food prod- 083177
fertilized with beet-sugar **factory wastes.** [P- 087206
pond polluted with beet sugar **factory wastes.** 087208
of ponds with sugar **factory wastes.** [Chiron- 090871
fertilized with beet-sugar **factory wastes.** [P- 092291
mycelial residues, wood **fiber wastes,** & chit- 089550
Feeding value of **food waste** products & their 084419
Feeding value of **food waste** products & their 084420
Food wastes as a supply for increasing fatte- 084732
Feeding **gin trash** to beef cattle. 084647
nitrogen compounds from **wastes** with **help** 087362
with several municipal & **industrial wastes** 091829
flowrates. [Food industry, **industrial wastes**] 092347
demand of oxygen by **industrial wastes;** com- 092384
Livestock waste managment in a quality env- 092355
of literature on solid **waste management.** 092330
Livestock **waste managment** in a quality env- 092355
from fibrous materials of **municipal wastes.** 086112
Waste oil: Toxic for horses. 085800
Plywood trim, **once waste,** makes superior h- 086272
Waste paper--raw material with environmen- 092412
macroinvertebrates. [**Wastes, pesticides**]. 092448
Meat-, fish-, & poultry-**processing wastes.** 092442
Fruit-, vegetable, & grain **processing wastes** 092443
nitrogen fertiliser from **waste product,** lignin 091819
Waste product for roadsides. 092426
Feeding value of food **waste products** & their 084419
Feeding value of food **waste products** & their 084420
Wood **pulping waste** shows potential as catt- 084531
Use of protococcal algae in **purifying waste** 092363
Waste removal in large scale animal farming 083943
Wood pulping **waste shows** potential as catt- 084531
Problem of treatment of **slaughtering wastes** 092383
Solid waste & water quality. 092266
Solid waste survey of an academic institution 092327
pollution from land disposal of **solid wastes** 092329
Critical review of literature on **solid waste** 092330
of sugars of potato **starch wastes** & their ass- 083771
Solid **waste survey** of an academic institution 092327
Processing of **swine waste.** 092386
in plant communities on colliery **waste tips** 086660
liquor as food or feed & its **waste treatment.** 083178
family farms & villages. [**Waste treatment**]. 092326
in oxidation ditch. [**Waste treatment**]. 092403
corn, sugar. [**Waste, treatment**]. 092444
Microbiology of **waste treatment.** [Water]. 092450
General problems of **waste utilization.** [Fert- 091840
reservoir for plants. [**Waste utilization**]. 092294
quantities for use of clearand **waste-water** s- 088327
building & operation of **waste water** pond st- 091299
quantities for use of clearand **waste-water** s- 092082
by biological treatment of **waste-water.** 092307
Studies on utilization of **waste water** from b- 092390
building & operation of **waste water** pond st- 092438
Eutrophication. [**Waste, water** pollution, alg- 092449
protococcal algae in purifying **waste waters** 092363
Wood waste composts manufacture & applic- 086270

WASTEWATERS

SEE WATER

WATER
during period they are soaked in **water.** 082836
s cattle must not grow thin for lack of **water** 083952
arrhiza Wimmer in open pools of **water.** 088954
of phenoxy acid herbicides from **water.** 089672
Benzene hexachloride] isomers in **water.** 090396
consequences of eutrophication of **waters.** 092103
Political economy of resource use: **water.** 092200
Microbiology of **water.** 092267
for upper Rio Grande index flows. [**Water** u- 092274
PCB [polychlorinated biphenyls] in **water:** 092435
Microbiology of waste treatment. [**Water**]. 092450
detection & occurrence of viruses. [**Water**]. 092453
drainage basin: a double lake. [**Wastewater**] 092422
Chemical changes in **water & accumulation** 087206
phosphoric acid, pyrophosphoric **acid, water** 091913
of plastic materials in **agricultural water** ma- 091366
Mechanical properties of soil-**air-water** syst- 091583
Water & air conditions in particular soil ag- 091725
Fresh-**water algae** of New Jersey. I. Cyano- 086609
Thorium in **water & algae** from Adriatic Sea 087435
on quantitative regulation of **water amount.** 092164
technology & progress. [**Water analysis**]. 092251
Economical **watering apparatus** for field cult- 091397
Depth to **apparent water** table in 17 New Y- 091680
non-eutrophied **archipelago waters** of southe- 086580
Soil-plant-**water aspects** of ozone phytotoxic- 089555
Auckland water plants. 086490
Efficiency & equity in **augmenting water** su- 092094
Experience in operation of **automatic water** 092170
limbatum Neumann. II. **Water balance** of n- 090467
between climatic **water balance** & soil moist- 091500
of soil structure & **water balance** of soils by 091561
Larva & pupa of predaceous **water beetle,** 090478
high Mg[magnesium]-**waters** on a **bentonite** 091634
mercury residues in fishes from **water-bodies** 090404
fecal & urinary excretion of **water, calcium,** 084160
A **capillary watering** system. [Alpine gardens 088570
Scientists use **water capsules** for plants. [Gr- 088895
Water characteristics. 092268
of semi-liquid manure **& clear-water** sprinkl- 091858
Relationships between **climatic water** balan- 091500
Microbiological evaluation of **cold-water** shr- 083016
Influence of soil **water conditions** on growth 087855
Water conservation in beet sugar industry. 083717
high-flow years. [**Water conservation**]. 092271
Water contamination not likely. [Herbicides 092427
practice of meat processing. [**Water content** 083418
of ions by roots. I. Soil **water content** gradi- 088083
Sugars, relative **water content,** & growth aft- 088255
magnesium levels on **water content,** transpir- 088300
on ponderal development **& water content** of 090418
Changes in dry-weight **& water content** in h- 090547
of flood & internal **water control.** 091387
On seepage-**water control** facilities & its co- 092162
Water control of floodplain grasslands in Li- 092190
Application of chlorination to **cooling water** 082834
Some aspects of field **water cycle** affected by 091591
weather, sea farming, **water desalinization** & 092104
Case studies of **desalted water** for irrigation 092256
diamines in oil films **& water dispersions.** [090249
Soil **water distribution** on a contour-trenched 091768
design for fair irrigation **water distribution** 092147
Automation of **water distribution** in existing 092148
different radiation intensities **& water doses** 087951
Asbestos fibers in beverages, **drinking water,** 082697
Excessive **water drinking,** its causes & cons- 082931
Shortage of **drinking water** for calves. 084705
odor of **water** to be used for **drinking.** I. Or- 092228
for lithium in Texas **drinking waters.** 092432
Economical watering apparatus for field cult- 091397
of inorganic nutrients on **water economy &** 088300
Efficient water management for lower Bhaw- 092202
Modern **effluent water** treatment & process- 086211
Linear programming use for **evaluating water** 092272
Pattern of free **water evaporation** at Pesha- 092234
well-point de-**watering** in **excavation** work. 091256
Study of effects of **water excess** on plants: 087992
Excessive water drinking, its causes & cons- 082931
Estimation of **water-extractable** Ca [calcium 083498
Theological properties of **water-extracted** air 083546
Water use by **farm** crops. II. Spring wheat, 087586
*** 087588
irrigation management saves rice **farm water** 088502
sea: Artificial weather, sea **farming, water** d- 092104
Effect of **feeding water**-soaked & dry wheat 084203
acid, pyrophosphoric acid, **water fertilizers**] 091913
Some aspects of **field water** cycle affected by 091591
measurements, transcellular **water flow,** & 087330
A transcellular **water flux** induced by light in 087329
on treatment of **wastewater** from **food** plants 092336
on treatment of **wastewater** from **food** plants 092337
pathogens & their occurrence. [**Water, food,** 092452
Pattern of **free water** evaporation at Pesha- 092234
Pyrogens & pyrogen-**free water.** 092242
Veterinarians in production of **fresh water.** 085152
Fresh-water algae of New Jersey. I. Cyano- 086609
carbon dioxide]-Assimilation in **fresh water** 087628
Toxicities of pesticides to some **fresh water** 090400
Norway & effect of **meltwater** on **freshwater** 092343
during pressure cooking of **grain/water** mixt- 083581
on plain in areas close to **ground water.** [Fo- 085916
Effects of fertilization on **ground water.** 091997
Recharging **ground water** reservoirs. 092078
Pollution of surface **& ground water.** 092324
Potential for **ground water** pollution from l- 092329
management can increase **water-harvesting** y- 092212
A differential effect of **heavy water** on temp- 090744
Studies on control of **water hyacinth** (Eichh- 089599
Possible approaches to **water hyacinth** conr- 089712
of heterotropic bacteria in **waters** of **Ilawa** 092290
Snowdrift management can **increase water-h-** 092212
disposal of **industrial wastewaters.** 092101
Phytophthora [citrophthora]-**infested water.** 089206
Recreational use of **inland waters** in Victoria 092269
study of determination of **water-insoluble** ni- 091809
mechanization of flood **& internal water** con- 091387
supply, & quality of **irrigation water** on cro- 082211
New design for fair **irrigation water** distribu- 092147
Water, land, & environment imperial valley: 082623
in Milan Basin depending on **large water** sy- 091250
Chloroplast response to low **leaf water** pote- 087545
Chloroplast response to low **leaf water** pote- 087546
in operation of automatic **water level** control 092170
Ecological implications of **water levels** on p- 089659
owing to its effect on subsoil **water levels.** 092192
Problem of **water & light** in plant production 087314
for design & operation of **linked water** reser- 092098
Reducing **water loss** of potted Chrysanthem- 087944
Water loss estimates from a fallow soil. 091648
situ on seepage & balance of **water** in **lower** 092120
acid-alkaline properties of **lysimetric waters** 091700
materials in agricultural **water management** 091366
of agriculture in **water management.** 092077
change in state **water management** in Pacific 092096
Efficient **water management** for lower Bhaw- 092202
Water & **wastewater management** in dairy p- 092223
of scientific research on **water management.** 092259
Constraints in **water management** on agricul- 092279
Water & **wastewater management** in dairy p- 092402
of exposed & protected **marine waters** of Ba- 086502
Water measurement. 092220
Water men given a "hard Times". [Water q- 092284
Effect of age on **water metabolism** in hens. 084322
Microbiology--waterborne outbreaks. [Disea- 092451
of desulfurizing bacteria in **mineral water.** 092288
pressure cooking of grain/**water mixtures.** 083581
Ribosomal cistrons of **water mold** Achlya bi- 087233
management saves rice farm **water, money.** 088502
to comply with provisions: **Montana Water** 092221
Water needs of certain crops on Lebanese c- 087359
Increasing **net water** supply by use of evapo- 092137
Microbiology--**waterborne outbreaks.** [Disea- 092451
frozen-and-thawed meat in **pale, watery** pork 083493
of normal potential of **peat-water** system. 091748
Organics. [**Pesticides, water** pollution]. 090403
Land & **water planning** go together. 092059
Soil-**plant-water** aspects of ozone phytotoxic- 089555
Auckland **water plants.** 086490
nutrients on relative growth of **water plants** 087364
About need of **water** for **plants** according to 092086
Organics. [Pesticides, **water pollution**]. 090403
biochemical properties. [**Water pollution**]. 092290
Potential impact of 1972 **water pollution** co- 092299
South Saskatchewan River. [**Water pollution**] 092321
Potential for ground **water pollution** from l- 092329
runoff problem probed. [**Water pollution**]. 092428
Paper & allied products. [**Water pollution**]. 092445
Water pollution: freshwater macroinvertebra- 092448
Eutrophication. [Waste, **water pollution,** alg- 092449
metals: a review of lead. [**Water pollution**]. 092458
Thermal effects. [**Water pollution**]. 092459
Organics. [Pesticides, **water pollution**]. 092461
of insecticides from **water** on **polyethylene.** 090405
building & operation of waste **water pond** st- 091299
and-thawed meat in pale, **watery pork.** 083493
Potable water for Nigeria--it wasn't easy. 092283
of cultivation treatment on **water potential** 086034
response to low leaf **water potentials.** I. Role 087545
response to low leaf **water potentials.** II. Ro- 087546
Precise water velocity measurements using 092277
Larva & pupa of **predaceous water** beetle, 090478
Water problems in seed dressing. 089532
Soil & soil **water properties** of Tavankut bas- 092249
acid] application on biota & **water quality** in 089648
Principles of **water quality** management. 7. 092101
A **water quality** index--crashing psychologic- 092206
organic carbon parameters in **water quality** 092240
data in Washington. [**Water-quality** control] 092255
Solid waste & **water quality.** 092266
of agricultural practices on **water quality** in 092276
men given a "hard Times". [**Water quality,** 092284
Water quality aspects of tannery effluents d- 092300
Tubificids & **water quality:** a review. 092341
Nitrogen & phosphorous in **rain water** at Fo- 092231
carbon dioxide] uptake & **water rapour** effl- 087693
Water as a **raw** material. 092080
Water reclamation & reuse. 092265
Water-recycle washing of refined soybean oil 083604
dioxide]-Assimilation in fresh **water red** alga 087628
Reducing water loss of potted Chrysanthem- 087944
Water regime & interrelations of timber spe- 086623
on long-range planning of **regional water** su- 092261
Water relations of food-borne bacterial path- 082824
Water relations in sclerotia of some Sclerot- 087305
Sugars, **relative water** content, & growth aft- 088255
Prescribed fire effects on **water repellency,** 085817
Characterization of **water-repellency** in Indi- 091635
Surfactant application to **water-repellent** soi- 092019
Water requirement, yield, & tolerance to cli- 088366
on yield & seasonal **water requirement** of w- 088424
Relations between **water reserve** & soil tilla- 092024
Recharging ground **water reservoirs.** 092078
operation of linked **water reservoirs.** 092098
An analysis of **water resource** productivity 092232
Economic analysis in **water resources** plann- 092093
Populations & **water resources** in California 092095
Water Resources Center, annual report, 1 J- 092100
Water resources of Ghana & relevance of sy- 092191
Concept of **water resources** development. 092205
Water resources of Hawkesbury Valley incl- 092224
relating to Arizona's **water resources.** 092241
use for evaluating **water resources** & cost & 092272
Water resources programs of U.S. Geological 092281
Changing attitudes in **water resources** devel- 092282
Water-retaining ability & proteins of leaves 088034
in zone of Danube; **water retention** caused 082009
for agricultural engineers: **water retention.** 091686
in zone of Danube; **water retention** caused 092248
Water right laws. 082621
a project for management of **waters** of **river** 092172
B dye & methoxychlor in **running water:** a 090322
torsional strength of **water-saturated** wood 086268
soil on diurnal variation of **water saturation** 088072
On **seepage-water** control facilities & its co- 092162
levels on plant growth in a **shallow water** re- 089659
evaluation of cold-**water shrimp** (Pandalus b- 083016
of pesticides to some fresh **water snails.** 090400
Effect of feeding **water-soaked** & dry wheat 084203
Forest utilisation **& water & soil** conservati- 085863
Water, soil & ecological characteristics of c- 086656
Influence of **soil water** conditions on growth 087855
Influence of **soil water** content on uptake of 088083
Thermodynamics of **soil water.** 091762
Soil water distribution on a contour-trenched 091768
Forest utilisation **& water & soil** conservati- 092057
Soil **& soil water** properties of Tavankut bas- 092249
of functional groups **& water-solubility** of a- 086181
On composition of **water soluble** wheat flour 083622
Relations between fibre **& water soluble** car- 084443
marking spermatophore with **water-soluble** s- 090657
How to **solve water** supply into enclosures 092076
Water sorption by dried dairy products stab- 083311
of lower Var valley. [**Water sources**]. 092130
control of seedling disease of **water-sow-** 089062
relations between amounts of **water spray** & 086036
for use of clearand **waste-water sprinkler** irr- 088327
semi-liquid manure & clear-**water sprinkling** 091858
of Brown Forest soils with **stanant water.** 091481
in viscosity of a heated wheat **starch-water** 083545
administrative change in **state water** manag- 092096
to measure of variation of a **water stock** of 091688
transpiration as functions of **water stress.** 087323
Effects of **water stress** on indoleacetic acid 087843
of carbon dioxide fixation to **water stress;** p- 088166
rejection owing to its effect on **subsoil water** 092192
I. Effect of **water & superphosphate** addition 091975
for solution of some **water supply,** plant gr- 087322
How to solve **water supply** into enclosures 092076
Water supply in Great Britain, 1690--1950: 092085
equity in augmenting **water supply.** 092094
for solution of some **water supply,** plant gr- 092097
Increasing net **water supply** by use of evapo- 092137
range planning of regional **water supply** sys- 092261
Studies on interpretation of **water surface** c- 092225
Effects on **surface waters.** [Pollution]. 092454
of a heated wheat starch-**water suspension.** 083545
A capillary **watering system.** [Alpine gardens 088570
properties of soil-air-**water system.** 091583
of normal potential of peat-**water system.** 091748
Basin depending on large **water systems.** 091250
flow simulators--application to **water table** of 082492
Some effects of a **water table** level on grow- 087762
Eight years of root injury from **water table** 089460
Some effects of a **water table** level on grow- 091638
Depth to apparent **water table** in 17 New Y- 091680
Tap-water & unfiltered air as sources of err- 086319
A **transcellular water** flux induced by light in 087329
measurements, **transcellular water** flow, & 087330
II. role of **water** in **transformation** of carote- 087196
Prediction of **water transmission** in conditio- 091891
a new low cost material for **water transport** 091364
Modern effluent **water treatment** & process- 086211
effluents: methods of **wastewater treatment** 092466
biphenyls (PCB) in fish & **waters** of **upper** 090407
Water uptake rates by cut roses (Rosa hybr- 083702
Water uptake by eggs of mallards & guinea 084109
for continual measurement of **water uptake** 087266
Sorption of **water vapour** by wheat flours. 083610
Precise **water velocity** measurements using 092277
quantities for use of clearand **waste-water** s- 088327
building & operation of **waste water** pond st- 091299
quantities for use of clearand **waste-water** s- 092082
by biological treatment of **waste-water.** 092307
industrial, & agricultural **waste waters.** 092319

protococcal algae in purifying **waste waters** 092363
Studies on utilization of **waste water** from b- 092390
building & operation of **waste water** pond st- 092438
Eutrophication. [**Waste, water** pollution, alg- 092449
Water & wastewater management in dairy p- 092223

WATERCOURSES
of insect fauna & foodchains in **watercourses** 090562
Factors affecting regulation of **watercourses.** 092179

WATERCRESS
to plants. [Porcellio **scaber, watercress**]. 088112

WATERHYACINTHS
to Hydrilla [Verticillata] & **waterhyacinth.** 089658
concentrations on growth of **waterhyacinth.** 089660
A zonal leaf spot of **waterhyacinth caused** by 089657
treatment in **controlling waterhyacinth** in S- 089654
in control of **waterhyacinth** in **Sudan.** II. B- 089655

WATERMELONS
induction of seedlessness in **watermelon.** 087128
plastic to **watermelons** in **Rolling** Plains, 19 092064

WATERSHED
provides recommendations for **watersheds.** 085850
in rainless days. [**Watersheds, groundwater**] 092113
overflowing wells of Terek-**Kuma watershed** 091706
Evapotranspiration & **watershed research** as 085870
hydrologic analysis of two **small watersheds** 085872
Augmentation of **watershed yields** by evapo- 092091

WATERWAYS
Waterway remodelling & flood-plain controls 092194
corn in Alabama. [**Waterway transportation**] 082400

WAVELENGTH
radiant energy in **different wavelengths** pres- 087392

WAVES
Timing **green wave.** [Phenology, plants]. 086677
Interaction of **shock waves** with plant roots. 087864

WAX
Effect of **wax coatings** containing diphenyl- 083710
comparison of properties of **waxy compana** 083551
reconstruction by bees using **wax extracted** 091206
Postharvest **wax-fungicide** treatments of nec- 083846
Characteristics of Polish **waxes melted** from 083202
in scanning microscope. III. **wax membrane** 091142
scale, Pseudaonidia paeoniae, & a **wax scale,** 090014

WEANING
lactation & that fed rats after **weaning.** 084595
on weight of their piglets during **weaning.** [085536
supplements on growth of **weaner cattle** on 084439
Early weaning of piglets. 084017
development of baby pigs with **early weaning.** 084696
diarrhea in artificially reared **piglets weaned** 083959
against hog cholera in **weaned piglets** aged 085548
digestive tracts of post-**weanling pigs.** 085406
Weaning & **post-weaning** stresses on beef ca- 084151
III. realtionships between **post-weaning** test 084843
Lactation & **weaning** of **sheeps.** 084332
Some observations on **weaning stress** in beef 084152
of weight of Karakul lambs **until weaned,** w- 084612
note on effect of time of **weaning & weight** 084425

WEAR
High stress **abrasion wear**-effect of load & s- 091377

WEATHER
is profitable in spite of bad **weather.** [Corn, 091919
Nutrition clouds & sea: **Artificial weather,** s- 092104
for beer as a function of **weather** in **Birtish** 082404
Weather & climate for 1972. 081910
Effects of **weather climate** on distribution of 087410
Crop estimation based on **weather date.** 085103
model studies of impact of **weather factors** 091371
of long-term **weather forecasting.** 088407
Weather forecasting requirements of specific 088759
of weather study & **weather forecasting** in p- 088760
Effect of **weather** on a **microbial** insecticide. 090137
Viral disease of some warm **weather pulse** c- 089388

WEATHERING
Ionic migration & **weathering** in **frozen** anta- 091752
of mother rocks & their **weathering** on **soil** 091662

WEAVING
Dynamics of development of **weaving.** [Texti- 083624

WEB
of DDT36 CL [chlorine] on **web-building** in 090161

WEBWORMS
Controlling **sod webworms.** [Crambidae]. 090003
Bionomics & control of **sod webworms.** 090006

WEDGE
detection of dysplasia & **wedge technique** for 085621

WEED
species in phytosociological surveys. [**Weeds** 086655
of cultivated land by means of **weeds.** 089592
Bright future of feed & **weed.** [Fertilizers, h- 089633
of cultivated land by means of **weeds.** 091484
Bright future of feed & **weed.** [Fertilizers, h- 091872
on lettuce growth & **weeds** as **affected** by so- 089647
Biological control of **weeds** in South **Africa** 089719
of phytophagous fish for **aquatic weeds** cont- 089628
in a shallow water reservoir. [**Aquatic weeds** 089659
polymer formulations for **aquatic weed** cont- 089662
a simple tool for controlling **aquatic weeds** in 089711
Control of **aquatic weeds.** 089732
a simple tool for controlling **aquatic weeds** in 091454
solani to aquatic plants. [**Weeds, biological** 089187
report: postemergence **broadleaf weed** contr- 089621
Is **chemical weed** control beneficial? 089612
researches connected with **chemical weed**-co- 089682
in roots of deep-rooted **weed Chondrilla** jun- 089746
Some **common weeds** of south Indian tea fie- 089706
Some **common weeds** of south Indian tea fie- 089707
chemical control of forest **weeds conducted** 089704
Weeds to **conquer.** [Lawns]. 089666
Weeds & their **consequences.** 089596
Green control on way-to **control weeds,** regu- 088046
Weed control in corn. 089588
Weed control techniques for lawn. 089589
Is chemical **weed control** beneficial? 089612
Weed control. [Soybeans]. 089620
Weed control progress report: postemergence 089621
tridentata, Trirhadda pilosa, **weed control**]. 089624
conditions in Saskatchewan. [**Weed control**] 089625
phytophagous fish for aquatic **weeds control** 089628
Green control on way-to **control weeds,** regu- 089645
Orchard **weed control.** 089665
Weed control in sorghum through cultural & 089670
Copper in rice fields. [**Weed control**]. 089671
Noxious **weed control** policy. 089677
New method for assessment of **weed control** 089678
New forms of application in **weed control** w- 089680
connected with chemical **weed-control.** 089682
crops, SIOLCID. [Linuron, **weed control**]. 089686
Weed control of fruit culture. 089687
Weed control of potato varieties. [Chemical 089688
Weed control of leguminous grasses by rotat- 089689
Weed control in corn. 089703
tillage on weediness of fields. [**Weed control** 089721
Weed control in cranberries. 089733
Weed control in berry & bush fruits (western 089734
Weed control in rangelands. 089735
Weed control in turfgrass. 089736
Weed control in vegetables--eastern Washin- 089737
Weed control in grapes, eastern Washington 089738
Weed control in tree fruits; eastern Washin- 089739
Weed control in ornamentals, western Wash- 089740
Weed control in Christmas trees. 089741
Weed control in forest lands. 089742
Weed control with soil fumigation. 089743
Further possibilities of **weed control** in orch- 089757
tillage on weediness of fields. [**Weed control** 092056
horticultural crops; orchard **weed control.** 092233
through processing. [**Weed control**]. 089653
formulations for aquatic **weed control.** 089662
Faster weed germination with early cultivat- 089676
of soil tillage on **weediness** of **fields.** [Weed 089721
Fighting weed seeds in root crops & oil cro- 089699
Research on chemical control of **forest weeds** 089704
Faster **weed germination** with early cultivat- 089676
Control of **weeds** in **high** fertility pastures. 089697
Weeds as **indicator** plants of microrelief of 086620
Problems of **weed infestation** in short-straw- 089602
to rhizosphere effect in **leguminous weeds.** 087401
vegetable crops, SIOLCID. [**Linuron, weed** 089686
Chemical control of **weeds** in **maize** & grou- 089709
Mechanical weed ocntrol in corn culture is t- 089684
Noxious weeds in grassland: Docks, thistles 089590
from tests for presence of **noxious weed** see- 089605
analysis for tolerances of **noxious weed** seeds 089606
sequential analysis to tests for **noxious weed** 089607
Noxious weed control policy. 089677
Mechanical **weed ocntrol** in corn culture is t- 089684
Orchard weed control. 089665
for horticultural crops; **orchard weed** control 092233
Dominant species of **paddy weeds** & their c- 089679
Weeds & **pasture** community. 089696
Varitox & Bladex P on **weed population** & y- 089631
A note on control of **weeds** in **pulses** (peas 089668
control on way-to control **weeds, regulate** o- 088046
Nature of competition between **weeds** & **rice** 088372
regeneration in roots of deep-**rooted weed** C- 089746
plants in alfalfa & clovers. [**Rumex, weeds,** 089690
tests for presence of noxious **weed seeds.** 089605
for tolerances of noxious **weed seeds.** 089606
analysis to tests for noxious **weed seeds.** 089607
Fighting **weed seeds** in root crops & oil cro- 089699
Longevity of crop & **weed seeds:** survival aft- 089749
Sow thistle in field. [**Sonchus, weeds**]. 089698
Pest control in corn & **soybeans weeds,** inse- 089432
to auxin herbicides for some **weed species.** 089623
Studies on utility of a **weed--taratej** (Coron- 084557
Weed trees in city: Horticultural derelicts or 089598
Tests of chemical control of **weeds** in **Tunisia:** 089729
Millet **type weeds** of corn fields. 087097
L. Agg.). I. Rubus spp. as **weeds** in **Victoria** 089752

WEEVILS
I. Investigations on populatons of **weevils** (090150
stability & succession. Studies on **weevils** (090409
I. Investigations on populatons of **weevils** (090754
sterile bean **weevil Acanthoscelides** obtectus 090064
staining technique in sampling **alfalfa weevil** 089897
Control of **banana weevil** (Cosmopolites sor- 090078
improved methods of sterilizing **boll weevils.** 089908
Boll weevils fail to develop resistance to ma- 089919
Chemosterilants against **boll weevil.** 4. Misc- 089921
Boll weevils: a technique for measuring pro- 089924
against tobacco budworm, **boll weevil,** fall a- 089962
Biology & control of small **chestnut weevil,** 090062
rice weevil, maize weevil, & **granary weevil** 090192
Pecan weevil: suppression of larvae with fun- 090029
Ovicidal effect in white **pine weevil,** Pissodes 090107
White **pine weevil:** a rearing procedure & ar- 090124
Ovicidal effect in white **pine weevil,** Pissodes 090495
microwave radiation to control **rice weevil** in 089896

WEIGHT
duck low molecular **weight antibody** to 2'4'd- 084164
Projection & **weight** of **Artemisia** diffusa in 087211
for a genetic difference in **berry weight** bet- 087171
Relative mortality rates, calf **birth weights,** 084779
Birth weight of Karakul lamb-reasons for its 084875
Birth weight of Black-and-White (Friesian) 084957
Effect of **body-weight** loss on composition of 084204
birth weights, & weights & **weight changes** of 084779
seedling growth, dry **weight changes** & solub- 087685
A low molecular **weight colchicine** binding p- 087238
Body composition & fat **depot weights** of ra- 084595
Drained **weight determination** of frozen gla- 083023
viroid. IX. Molecular-**weight determination** 089415
of nutrient provision & **weight development** 084520
Importance & **weight** of **dip** coating for saus- 083397
procedure on molecular **weight distribution** 083043
Drained weight determination of frozen gla- 083023
moisture uptake, seedling growth, **dry weight** 087685
Changes in **dry-weight** & water content in h- 090547
Changes in **dry weight,** protein, & nucleic ac- 090675
Estimation of **egg weight** from egg gradings 083506
Egg production, **egg weight** & shape index of 084196
Electronic weighing & batching. [Food]. 083075
estimating cubic foot volume & **fresh weight** 085983
suspension on milk output & **weight gain** of 084539
treatment & iron-overload in **weight gain** of 084614
from Brown Alpine cattle. I. **Weight gain,** f- 084879
shipping fever incidence & **weight gain** foll- 085465
numbers of milk fat with **weighing glass** des- 083270
Relationship between **weight** of **honey-bee** q- 091074
Towards development of **weight** of **Karakul** 084612
unit hydrograph by **weighted lease** square m- 092226
unit hydrography method by **weighted least** 092227
toluene (B.H.T) on appetite & **live weight** of 084430
bacon pigs before slaughter on **live weight** & 084693
its development in course of **weight loss.** [S- 084021
Effect of body-**weight** loss on composition of 084204
Weight loss of wheat infested with gamma-r- 090203
brewing procedure on **molecular weight** distr- 083043
sites of turtle & duck low **molecular weight** 084164
A low **molecular weight** colchicine binding p- 087238
Degradation of host high **molecular weight** 089374
spindle tuber viroid. IX. **Molecular-weight** d- 089415
conformation of low **molecular weight** patho- 089418
Particle weights of active ribosomal subunits 087280
of low molecular **weight pathogenic** RNA [r- 089418
with thiabendazole on **weight** of their **piglets** 085536
Cytoplasmic effects on **plant weight** in cross- 086930
between yield & **weight** of 100 **plucked** shoo- 088964
On significance of **weighed protein** provision 084518
Changes in dry **weight, protein,** & nucleic ac- 090675
of host high molecular **weight RNA** in barley 089374
Weight sampling for size measurement of B- 082710
Genetic relation between **seed weight** & see- 086936
of time of weaning & **weight** at **slaughter** on 084425
Development of **weight variation** in Douglas 088261
rates, calf birth weights, & **weights** & **weight** 084779
Number & **weight** of **young** in two breeds of 084949

WELDING
always helps me save money. [**Welding**]. 091463

WELFARE
Animal health & E.E.C. **Animal welfare** legi- 082533
Welfare aspects in forest management, plan- 085909
Social welfare & needs of old people in Cro- 082016

WELLS
fiberglass tubewell casing. [**Irrigation, wells**] 091368
Role of self-**overflowing wells** of Terek-Kuma 091706

WELWITSCHIA
Welwitschia mirabilis: a most remarkable li- 086487

WESTERN
mosquitoes of **western** South **America.** 090999
Wheat quality in W.A. [**Western Australia**] 082791

in mulga zone of **Western Australia.** [sheep] 084004
flora in an arid region of **western Australia** 086612
dry summer period in **Western Australia.** [087885
Wheat quality in W.A. **[Western Australia]** 088423
Effects of removing pole-**blighted western** p- 089575
tomatoes in **western** North **Carolina.** 088829
as a marketing tool for **Western cattle** feede- 082332
Biology & control of **western cherry** fruit fly 090069
Wood chemistry of **western conifers;** questi- 086267
hyphomycete from **western conifers.** 086432
characteristic soil type of **western Hungary** 091482
forest soil melioration in **western Hungary.** 092011
characteristic soil type of **western Hungary** 092012
Forsk., found in parts of **western India.** 086458
fractions in soils of **western Kazakhstan.** 091702
Weed control in **ornamentals, western** Wash- 089740
Revision of **western Palearctic** species of ge- 086500
of removing pole-blighted **western pine** trees 089575
Introduction to study of **western Pyrenean** 086632
in mulga zone of south-**western Queensland.** 084945
reference to south-**western Queensland.** [Ac- 086690
reference to south **western Queensland.** [Ac- 091767
Ber varieties for **western Rajasthan.** [Jujibe 088778
use in drylands of **Western Rajasthan.** [India 091862
tree nut research at **Western Regional** Labo- 083726
Forestry studies in **western Siberia.** 084989
investigations in **western Siberia.** [Forestry, 085809
in lowland forests of **western Siberia.** 085878
of pine forests in **western Siberia.** [Pinus, m- 085879
felling systems in forests of **western Siberia.** 085881
trees in inhabited areas of **western Siberia.** 085998
Western snowberry in grassland areas of pa- 086663
Western spruce budworn: nonresistance to 090130
Western tent caterpillar: contact toxicity of 090126
Merut districts of **western Uttar** Pradesh, I- 082244
ex benth) in **western** New South **Wales.** 087908
cankers reported in **western Washington.** [089236
in berry & bush fruits **(western Washington)** 089734
in ornamentals, **western Washington.** 089740

WET

for pears selected by Professor A. F de **Wet** 088649
Effect of a soil **wetting agent** on germination 088260
of meat & meat products **applying wet** discl- 083437
Wettability of **cellulose** film as affected by 086100
Wetting & drying treatments to improve per- 087674
Formulations of pesticidal **dusts, wettable** p- 090335
potential & soil aeration in **wet heathland** w- 086034
of fibreboards manufactured by **wet method** 086170
within soil aggregates during **quick wetting** 091589

WETHERS

of chemically prepared rape straw. **[Wethers]** 084688
nutritional balance trial with **wether sheep.** 084469

WHALES

in North Atlantic fin-**back whales.** 090314

WHEAT

U.S.A. Agricultural outlook: **wheat** 1973. 082550
Grain policies of USSR: **wheat.** 1. 082581
affected by insecticide treatment of **wheat.** 082714
by scanning electron microscopy. **[Wheat].** 083667
differentiation in remote hybrids of **wheat.** 086763
Genetics of heading time in **wheat** (Triticum 086927
on chromosomal reorganization in **wheat.** 086959
mutagenic effect of ethyleneimine. **[Wheat].** 086960
of micro-organisms in rhizosphere. **[Wheat]** 087467
effect on apparent photosynthesis in **wheat.** 087707
hairs in supplying soil phosphorus to **wheat.** 087725
of plant roots by sodium chloride. **[Wheat].** 087735
physical-chemical properties. **[Wheat].** 087819
proteins in dissociating solvents. **[Wheat].** 087826
chloride] spraying on seed value of **wheat.** 087878
stomata on some yield components in **wheat** 087880
into phospholipids of **wheat.** 087914
seasonal water requirement of **wheat.** 088424
in resistant & susceptible varieties of **wheat.** 088989
sporulation of Septoria tritici Desm. **[Wheat]** 089102
Loose smut of **wheat:** Results of fungicide tr- 089103
f. sp. tritici in axenic culture. **[Wheat].** 089109
characteristics & yields of **wheat.** 089564
Determination of diuron in **wheat.** 089610
control in grain sorghum & **wheat.** 089917
of Sitobion avenae (Fabr.) on **wheat.** 089943
grain protection & its application in **wheat.** 090209
Pesticide & mercury residues in **wheat.** 090360
seasonal water requirement of **wheat.** 091639
hexaphosphate phosphorus to **wheat.** 091743
Bezostaja 1 & Aegilops cylindrica. **[Wheat]** 086836
of crops & uptake of nutrients by **wheat** (Tr- 087666
radiation to control rice weevil in **wheat.** [S- 089896
control of Rhyzopertha dominica in **wheat.** 090200
uptake by rice plant & **wheat** as **affected** by 087901
Cecidomyiidae) in main **wheat areas** of sout- 089939
Arhar-wheat is a good rotation. 088494
Svalof's original Solid **Autumn Wheat.** [Var- 088319
cereals for protein. [Corn, **wheat, barley].** 087165
Amylases of developing **wheat,barley,** & oat 087726
isoamylases of rye seeds. **[Wheat, barley.].** 087820
for each region. **[Wheat, barley,** oats]. 088531
A new virus of **wheat, barley** & several other 089360
use by farm crops. II. Spring **wheat, barley,** 087586
brown planthopper in **wheat & barley.** [Lao- 089930
subjects fed combinations of **wheat, beans,** c- 082906
of damage, & control of **wheat blossom** mid- 089974
Wheat bread & dough in United States. [Co- 082272
in winter & spring cultivars of **bread wheat** 086883
Wheat breeds of USSR: Their importance to 088388
Bulgur wheat. 082954
Cadmium uptake **bvy wheat** from sewage sl- 087670
Vernalization in winter **wheat caused** by pro- 087899
of chemical mutagens on **certain wheat** varie- 086963
Wheat & change in fashion. [Exports, United 082437
a dynamic quick method to **classify wheat &** 083559
genes in six lines of **common wheat.** 086894
induced damage in **wheat** as a **consequence** of 083594
Diseases of **wheat** & their **control.** 089480
copper on grain yield of **wheat** on a **copper** 091833
Breeding cereals for protein. **[Corn, wheat,** 087165
to desiccation & low freezing. **[Wheat, corn,** 087744
shock waves with plant roots. **[Corn, wheat,** 087864
observations on **wheat & corn.** 088397
Studies on rate of drying **wheat crop** in field 087775
of semidwarfness in several **wheat crosses.** 086901
inhibitors on some crops. **[Wheat, cucumber** 089573
semidwarf & standard height **wheat cultivars** 087709
Amylases of **developing wheat,**barley, & oat 087726
Effect of feeding water-soaked & **dry wheat** 084203
Studies on rate of **drying wheat** crop in field 087775
characteristics of milling of **durum wheat.** 083633
Wakooma **durum wheat.** 088355
internal grain quality in **durum wheat** from 088545
Yielding abilities of **dwarf wheats** (Triticum 087758
on performance of late-sown **dwarf wheat** (T- 088380
Response of triple gene **dwarf wheat** to nitr- 091878
Response of **dwarf wheats** to nitrogen fertili- 091911
of genes from Hope & Red **Egyptian wheat** 086911
About production of **elite wheat** seed. 088346
cell-free system derived from **wheat embryo** 089353
virus]-RNA in a cell-free **wheat embryo** sys- 089414
requirements for maize & **wheat** in **farmers'** 091866
outlook: 1973 Canada; **wheat feed** grains. 082548
of gel proteins of **wheat flour** by column chr- 083553
on packaging & storage of **wheat flour** (Atta 083609
On composition of water soluble **wheat flour** 083622
Protein content of **wheat & flour** summary of 083649
demineralized whey to **wheat flour** on grow- 084598
study on maturation of **wheat flours:** Influe- 083528
extracted air-classified spring **wheat flours.** 083546
thioctic acid (lipoic acid) in **wheat flours &** 083557
in baking from rye & **wheat flours.** 083566
Sorption of water vapour by **wheat flours.** 083610
mosaic virus]-RNA in a cell-free **wheat** emb- 089414
in a nutrient Medium. **[Wheat, fungus** disea- 089180
Purification of **wheat germ** agglutinin by aff- 083856
effect on respiration of **germinating wheat** s- 091727
Disk-electrophoresis of **wheat gluten** polype- 083656
in flour flows during **wheat grade** milling. 083591
Strength of bonds between **wheat grain** hulls 083587
Fertiliser response of **wheat, gram** & horse- 091864
several other plants in **Gramineae, wheat** ye- 089360
of take-all & eyespot in winter **wheat grown** 089253
Problem of **hard wheat.** 083637
for increase in viscosity of a **heated wheat** s- 083545
of semidwarf & standard **height wheat** culti- 087709
quality inheritance in some **wheat hybrids.** 086835
productivity in Mexican & **indigenous wheat** 082193
Weight loss of **wheat infested** with gamma-r- 090203
yields of Triticale & **wheat** as **influenced** by 087768
Wheat inspection in Argentina. 082398
Filipjev, 1936, & its ability to **invade wheat** 089493
Wheat leaf rust in North Dakota in 1972. [089150
Virulence of **wheat leaf** rust in North Dakota 089218
acid oxidase activity in **wheat leaves.** 087843
Deptera, Cecidomyiidae) in **main wheat** are- 089939
depth of tillage for maize in a **wheat-maize** 088508
oryzae (L.) developing in **Manitoba wheat.** 090207
for different varieties of **Mexican wheat** on 082233
Effect of cellulose & **wheat mill**-fractions on 082915
for putting together **wheat mixtures.** 083565
valuable mutants of spring **wheat obtained** w- 087750
Free amino acids of **Pakistani wheat** varieti- 089906
neburon on emerging winter **wheat plants** in 087883
Sitobion) avenae (F.) on **wheat plants.** 089852
Dynamics of **wheat production** on socially 082179
breadmaking of phytic acid in **wheat protein** 083555
Recent position & plans for **wheat purchase** 082399
Wheat quality in W.A. [Western Australia] 082791
quality characters in winter **wheat, relation** 087178
from cereal embryos. **[Wheat, rice].** 087846
Rhizosphere of **wheat roots** studied by elect- 091547
Bread baking qualities of **wheat-rye** amphip- 083681
About production of elite **wheat seed.** 088346
activity in chromatin of **wheat seedlings.** 087680
its ability to invade **wheat seedlings** after th- 089493
on respiration of germinating **wheat seeds.** I 091727
of phosphorus by leaves of **Selkirk wheat.** 089557
of semidwarfness in **several wheat** crosses. 086901
On composition of water **soluble wheat** flour 083622
of cadmium by plants. **[Soybeans, wheat].** 087815
of water-extracted air-classified **spring wheat** 083546
varieties of intensive-type **spring wheat.** 087159
Water use by farm crops. II. **Spring wheat,** 087586
valuable mutants of **spring wheat** obtained w- 087750
a new mutation variety of **spring wheat.** 087884
in viscosity of a heated **wheat starch**-water 083545
Wheat stem rust epidemic potential in 1972 089214
comparative study of gabasse & **wheat straw** 083096
of feeding water-soaked & dry **wheat straw** 084203
Wheat straw & urea in pelleted rations for 084570
Serological analysis of **wheat striate** mosaic 089412
in stripe rust. [Puccinia **striiformis, Wheat]** 089189
Controlling hill bunt. **[Tilletia, wheat].** 089070
Fundamentals for putting **together wheat** m- 083565
genesis in varieties of winter **wheat treated** 086761
Evaluation of **utility wheats** for starting-gro- 084499
qualities of some **wheat varieties** intended for 083576
by diallel cross of **wheat varieties** included in 086834
Sensitivity of winter **wheat varieties** to che- 086962
mutagens on certain **wheat varieties** grown 086963
qualities of some **wheat varieties** intended for 088414
Reaction of some **wheat varieties** to leaf bli- 089147
amino acids of Pakistani **wheat varieties.** 089906
Biserka--early high-yielding **wheat variety.** 088509
Wakooma durum wheat. 088355
characteristics of milling of **durum wheat.** 083633
Wakooma **durum wheat.** 088355
internal grain quality in **durum wheat** from 088545
experiments on US soft **winter wheat.** 083572
genesis in varieties of **winter wheat** treated 086761
in some multiple hybrids of **winter wheat** in 086840
some quantitative features at **winter wheat.** 086841
of some quality indicators of **winter wheat.** 086842
Induced mutagenesis in **winter wheat.** 086961
Sensitivity of **winter wheat** varieties to che- 086962
of qualtty indices in **winter wheat.** II. 087124
quality characters in **winter wheat,** relation 087178
properties of F1 hybrids of **winter wheat.** 087182
to morphogenesis of **winter wheat** during cr- 087650
that of underground mass at **winter wheat.** 087651
sterlity of mutants of soft **winter wheat** (Tri- 087753
on root development of **winter wheat.** 087771
of regeneration capacity of **winter wheat** on 087876
application: Vernalization in **winter wheat** c- 087899
Diseases of **winter wheat.** [Erysiphe graminis 089132
yet described damage on young **winter wheat.** 089528
Ammonization in soil with **winter wheat.** 091480
late nitrogen fertilization of **winter wheat.** 091944
of take-all & eyespot in **winter wheat** grown 089253
to demand & supply of **wheat** in **world** econ- 082458
other plants in Gramineae, **wheat yellow** leaf 089360
management for high-**yielding wheats** in cen- 088489
Biserka--early high-**yielding wheat** variety. 088509

WHEATGRASS

Productivity of **intermediate wheatgrass** as 088357

WHEEL

vibrations at driver's seat of **wheel tractor.** 1 091392

WHEY

of a sourdough bread made with **acid whey.** 083535
of a sourdough bread made with **acid whey.** 083536
Turbidity of lactic **casein whey.** 083354
of lysine or delactosed **demineralized whey** 084598
Fattening swine with skim **milk, whey** & bu- 084519
Trials on determination of **whey protein** con- 083362

WHIRLIGIG

of direction-finding by **whirligig beetle** Gyri- 090656

WHISKEYS

Marketing of **whisky & alcohol** within Euro- 082407
aroma compounds in a **whisky imitation.** 083173
Marketing & exportation of **Scotch whiskey** 082481

WHITE

Birth weight of Black-**and-White** (Friesian) 084957
Camden white gum, Eucalyptus benthamii 086364
Azides for **controlling white** mold & beggar- 089494
influencing occurrence of **white cypress** pine 086047
Irradiation of chicken **egg white.** I. Effect on 082668
characterisation of hen **egg white** ovomucin. 083504
amines & neutral compounds in **egg white** s- 083519
Basal lamina of **white fat** adipose cell & its 084021
Control of **white grubs** (Melolontha melolon- 089965
Camden **white gum,** Eucalyptus benthamii 086364
shape index of eggs laid by **White Leghorn** 084196
of hatch on growth rate of **White Leghorn** p- 084197
malathion on performance of **White Leghorn** 084553
uptake by thyroid gland in **White Leghorn** l- 084554
Sexual behaviour of **White Leghorn** cocks b- 084896
reproductive performance of **White Leghorn** 084908
different wavelengths present in **white light.** 087392
Boundary between **white matter** & neocortex 084026
Azides for controlling **white mold** & beggar- 089494
of some forest soils in **White Mountains** of 091769
E injections in prevention of **white muscle** d- 085689
nutrition in Montana. **[White muscle** disease 085723
Pathology of **white muscle** disease in young 085743
characterisation of hen **egg white ovomucin.** 083504
White peppermint, Eucalyptus pulchella De- 086362
Occurrence of clostridia in **white pickled** D- 083387
White pine shoots: roles of gravity & epinas- 088244
Ovicidal effect in **white pine** weevil, Pissodes 090107

White pine weevil: a rearing procedure & ar- 090124
Ovicidal effect in **white pine** weevil, Pissodes 090495
glycogen metabolism in **white rats.** 084400
reducing extract of usually **requested white** 083755
KRR 2, a **white seeded** Sesamum strain [Se- 088376
Properties, distribution & origin of **white silt** 091687
neutral compounds in egg **white smell.** 083519
Smooth, white spread from separated fish fl- 083081
Development of unthinned **white spruce** pla- 086015
Root & top pruning of **white spruce** at time 086023
of 14C [carbon]-urea by **white spruce** seedli- 088253
White sweetclover--annual & valuable forage 088549
Vegetation & flora of **White Tank** Mountains 086356
Development of **unthinned white** spruce pla- 086015
extract of usually requested **white wines** co- 083755

WHITEFLIES

of Aleurolobus taonabae, **grape whitefly.** 090086

WHOLESALE

Buyers, wholesalers, producers have new ma- 086273

WILD

chlorosis in Becium homblei (De **Wild.**) Duv- 089558
Salinity tolerance of **Altai wild** ryegrass & o- 087721
Agronomic problems posed by **annual wild** r- 089618
Bovine tuberculosis in **wild badgers** in south 085511
Distribution of flights of **wild bees** in some 090461
biological aspects of two local **wild bees** with 090805
Wild cereals & pseudo-cereals harvested in 088420
Getting started with **wild flowers.** 088721
Wild flowers from seed. 088732
of red meat, fish, poultry & **wild game** cons- 082461
Poisoned honey, **wild honey.** [Poisonous pla- 083214
Breeding work on **indigenous wild** trees-a w- 086925
Stopping **wild oats.** [Avena fatua]. 089595
To tame **wild ones.** [Fruits, nuts, breeding]. 088852
numbers of 80 cultivars & **related wild** speci- 086992
stimulated microconidiogenesis in **wild type** 086866
Plant production of **wild type** plants in Ipo- 088216

WILDEBEEST

SEE WILDLIFE

WILDERNESS

Wilderness conservation & generation of ele- 092357

WILDLIFE

Vidler 1961, from **blue wildebeest** (Connoch- 090297
Earth worms, **Curculionidae, wildlife**]. 089565
Wildlife profession & biocides, a position & 090305

WILLOWS

of piping shoot from **willow clones** with inte- 086722
General dynamic features of **willow forests** in 086621
Insects reared from galls on **willow, oak** & 090143

WILT

to rust & Verticillium [albo-atrum] **wilt.** [P- 089237
behavior of peach tree to **bacterial wilt** in c- 089295
of bacteria in plants of **bacterial wilt** resista- 089315
Pseudomonas solanacearum. [**Bacterial wilt**] 089317
on organism **causingVerticillium wilt** of cott- 089283
leaf freckles & **wilt, Corynebacterium** nebra- 087039
on Verticillium [albo-atrum] **wilt** of **cotton.** 089221
atrum & Verticillium dahliae. [**Wilt diseases** 086875
Wilt of **Dolichos** biflorus caused by Fusarium 089088
Occurrence & control of **Fusarium wilt** in ca- 088981
luteus L.) resistance against **Fusarium wilt.** 089252
as a seed-borne pathogen. [Vascular **wilt, oil** 089017
control of Fusarium **oxysporum wilt** of varie- 089205
famigants for control of **Verticillium wilt** of 088986
sib families of red maple to **verticillium wilt** 089185
famigants for control of **Verticillium wilt** of 091491

WILTING

Wilting & green spotting of pineapple by bi- 090049

WIND

in socialist competion for **clearing wind**-fall. 085865
Wind damage to strawberry plants. 089487
valley: law caught in **winds** of **politics.** 082623
against damage from **strong winds** by shelter 089516

WINDFALLS

Stand **windfall resistance** in 1967. [Picea ab- 085836

WINDOW

A **window** to **future.** [Horticulture]. 088894

WINE

enzyme" activity of lactic bacteria of **wine.** 083689
acetals by yeasts in grape must. [**Wine**]. 083696
for determination of carbon dioxide in **wine** 083708
problems concerning residual sugar. [**Wines**] 083818
Analysis of authentic wines of 1972 **vintage.** 083819
of aromatic & taste substances from **wine.** 083840
in production of sparkling **wines according** to 083758
Vineyard **area, wine** varieties & production 082497
Analysis of **authentic wines** of 1972 vintage. 083819
Consumption of **wine** & other **beverages** in 082504
Time for pasteurization of **wine** in **bottles.** 083766
California wine grape acreage: projecting ef- 082538
results of testing of a new **Riesling clone.** I. 087176
of usually requested white **wines coming** fr- 083755
Wine concession stands: A necessary market- 082483
study on treatment of **wine distillery** wastes 092303
of iron in **wine** by means of **ferrocene.** 083817
First Wine World Competition & its experi- 083809
California **wine grape** acreage: projecting ef- 082538
New York site selection for **wine grapes.** 088833
Annual report of Swiss **Wine Growers** Assoc- 088914
of typical vineyards & **wine-growing** in Cze- 086683
Constituents of **Ilala wine.** [Hyphaene natal- 083838
quality in grapevine variety **Italian Riesling** 088910
of grape varieties of **Matraalja wine** region 088800
1972 **Wine meeting** for amateurs agricultural 088832
samples of **wines** for their **organoleptic** exa- 083747
Wine potential for Oregon. [Grapes, varieti- 088859
1972 year, a bad year for **wine production.** 083834
Variation in main constituents of **red wines** 083756
of grape varieties of Matraalja **wine region** 088800
grape varieties for Moldavian **sherry wine.** 088905
Accidents in production of **sparkling wines** 083758
for detection of cyanide in **wines & spirits.** 082691
Annual report of **Swiss Wine** Growers Assoc- 088914
Direct dosage of iron in **wine, tomato** juice 083757
Ancient or modern? **wines** of **Tuscany.** II. 083720
Vineyard area, **wine varieties** & production 082497
extract of usually requested **white wines** co- 083755
First **Wine World** Competition & its experi- 083809

WING

Role of **wings** in **absorption** of radiant ener- 090523
general schema of evolution of **animal wing.** 091093
A description of chick **wing bud** development 084132
Radiative temperatures of **butterlfy wings.** 090845
Oogenesis in suppressor of **hairy-wing** muta- 090598
Ecological behaviour of **winged insect** popul- 090758
Selection for receptivity to **wingless males.** 090449
selection for receptivity to **wingless males.** 090450
controlling operation of **wing muscles** in dra- 090666
sugars on development & **wing production** in 090640
with special reference to **wing venation** & m- 090882

WINTER

under natural conditions during four **winters** 087937
Food assuring a good **wintering.** [Apis melli- 091195
II. Ecological control of **winter adaptations** 089798
Impace of **winter-barley** production on full 091353
Acetic acid & **wintering** of **bees.** [Apis melli- 091192
Breeding winter-hardy marrowfat pea variet- 087180
Overwintering of **Chelonus** blackburni in Ar- 089810
Marketing situation for **winter citrus** in Eur- 082394
Winter cold injury to fruit nursery stock. 089473
sprays for control of corbie & **winter corbie** 089854
Wintering without **crops**-- problems involved 088473
Winter dieback of forest crops in Maritime 085823
with summer rainfall & **winter dryness** of w- 088530
of nitrogen & neburon on **emerging winter** 087883
on a naturally occurring **winter epizootic** of 085388
Carbohydrates of spring & **winter field** beans 083797
Effects of emerging bees & of **winter flights** 091157
subsequent results of **winter freeze** injury on 089536
Winter gardening in California. 088765
A farming picture: all-**grass wintering** in So- 088471
Grass wintering & its implications in South- 088472
hydrazide (Alar) on **winter hardiness** of app- 088213
Breeding **winter-hardy** marrowfat pea variet- 087180
Overwintering of **honeydew** producers. [Ins- 090473
Grapes & **winter injury.** 089499
A method for rearing **overwintering larvae** of 090105
pests: **overwintering** of three **lepidopterous** 089910
Winter maintenance requirement of Kinsella 084505
Combating problems following a **mild winter** 089484
Methods of **wintering nuclei.** [Apiculture]. 091197
Observations on a naturally **occurring winter** 085388
A method for **rearing overwintering** larvae of 090105
of short photoperiod on a late-**winter rice.** 087698
of effect of fast neutrons on **winter rye.** 087752
conditions on feeding value of **winter rye.** 091977
Milling experiments on US **soft winter** whe- 083572
Pollen sterlity of mutants of **soft winter** wh- 087753
under different conditions of **winter soil** cov- 087998
heading response in **winter & spring** cultivars 086883
Three **winter-summer** forage systems for gr- 084623
Relationship between **winter temperatures** 089396
experiments on US soft **winter wheat.** 083572
genesis in varieties of **winter wheat** treated 086761
in some multiple hybrids of **winter wheat** in 086840
some quantitative features at **winter wheat.** 086841
of some quality indicators of **winter wheat.** 086842
Induced mutagenesis in **winter wheat.** 086961
Sensitivity of **winter wheat** varieties to che- 086962
of qualtty indices in **winter wheat.** II. 087124
quality characters in **winter wheat,** relation 087178
properties of F1 hybrids of **winter wheat.** 087182
to morphogenesis of **winter wheat** during cr- 087650
that of underground mass at **winter wheat.** 087651
sterlity of mutants of soft **winter wheat** (Tri- 087753
of regeneration capacity of **winter wheat** on 087876
neburon on emerging **winter wheat** plants in 087883
application: Vernalization in **winter wheat** c- 087899
Diseases of **winter wheat.** [Erysiphe graminis 089132
of take-all & eyespot in **winter wheat** grown 089253
yet described damage on young **winter wheat.** 089528
neburon on emerging **winter wheat** plants in 089720
Ammonization in soil with **winter wheat.** 091480
late nitrogen fertilization of **winter wheat.** 091944
systems on root development of **winter whe-t.** 087771
not yet described damage on **young winter** 089528

WIRE

in Virginia pine cones by screen **wire cages.** 086088
Wire grating for beehive front. 091213
Effect of mesh number of **wire netting** & hot 086189

WIREWORMS

Wireworm damage to polyethylene tubing u- 089925
Southern **potato wireworms:** light-trap catc- 090031
for control of **wireworms & transplanting** fl- 089968

WITCHES

in apple trees with **witches' broom** disease. 089312

WITHANIA

vegetable rennet from **Withania coagulans.** 083321
Constituents of **Withania somnifera** Dun. X- 087612

WOMEN

Women in **botany.** 086317
Copper metabolism in young **women fed** two 082909
Woman's new **place** on farm. 081993

WOOD

of change of spiral grains. [**Wood**]. 084823
Where will **wood** come from? 3. Our nation- 085995
Increasing economy of working tools [**Wood** 086159
methods of a complex utilization of **wood.** 086160
on problems of kiln drying of **wood.** 086182
characterizations of **woods acetylated** after 086187
Senecio **anonymus Wood,** & earlier name for 086568
Significance of **wood** in **architecture.** 086142
financial relief of a **wooded area** and--what is 085949
mites in forests & other **woody areas** in 197 090147
Wooden beverage cases cause little damage 086262
Wood-boring bivalves, opportunistic species 085860
Pyrolysis of **brominated wood.** II. Different- 086123
Welcoming address on **Wood Building** Day 086143
Wood in **building** completion. 086144
We plow with a **wood-carver** plow. 091447
Wood chemistry of western conifers; questi- 086267
economic factors in export of **wood chips** fr- 086105
Studies on weatherability of **composite wood** 086176
on weatherability of **composite woods.** II. An 086183
epinasty in movements & **compression wood** 088244
Fire conditions of **wood construction.** 086148
Carpinus betulus L.). II. **Wood density,** stru- 086125
On economy of eleven **different wood** species 085885
Terminalia superba Engle et **Doels wood** in 086116
heat-pressure-treatments of semi-**dry wood** 086156
Possibilities on increasing **efficiency wood** g- 085911
lignans from leaves & **wood** of **Eupomatia** la- 087248
Evaluating wood pulp as feedstuff for rumin- 083880
of surface area of **wood** in **external** utilizati- 086146
Studies on handling process of **wood fiber** g- 086152
of industrial mycelial residues, **wood fiber** w- 089550
mechanical properties of Cilician **fir wood** (086157
residues. 1. Study on chips from **forest wood** 086242
High frequency devices used in **wood gluing** 086173
on increasing efficiency **wood growing.** 085911
Growth response of container-**grown woody** 088061
of plywood by use of New **Guinean wood.** 086149
paper grade value of **hornbeam wood** (Carpi- 086125
for future guarantee of **industrial wood** supp- 086265
for future guarantee of **industrial wood** supp- 086266
Greek forests & **wood industries.** 086129
in automation techniques for **wood industry** 086158
operations utilized in **wood industry.** 086169
soluble fraction. [Picea **jexoensis, wood**]. 086180
a biphenyl. [Picea **jezoensis, wood**]. 086178
Qualities of glued **laminated wood** made fr- 086151
Studies on manufacturing of **laminated wood** 086243
in movements & compression **wood location.** 088244
Malayan wood rat, Rattus tiomanicus (Mill- 089574
market & segmenting of raw **wood market.** 086096
Larix leptolepis-methyl **methacrylate wood-** 086201
Interaction of **wood** with **organic** solvents. 086187
A technique for growing **ornamental woody** 088937
of container-grown **woody ornamentals** to sl- 088061
Wood of **Pereskia** conzattii Britton adn Rose 086733
Bacteria, enzymes & **wood permeability.** 086217
Shrinkage of **Philippine woods.** 086216
Extractives in Pinus **pinaster wood.** 086246
of age changes in **woody plants** by vegetative 086017
for growing ornamental **woody plants** in bags 088937
changes & diseases of **woody plants.** [Maine 089444
leptolepis-methyl methacrylate **wood-plastic** 086201
Study of **poplar wood** "I.214", "robusta" & 086244
Wood preservation. 086205
of organic solvent-based **wood preservatives** 086111
Spring back of hot **pressed wood** in humidifi- 086184
development of raw **wood processing** indust- 086094
More than 500 **wood producing** tree species 086006
Wood products in foreign trade. 086223
should be controlled. [**Wood products**]. 090152

Wood protection & treatment of surface area 086146
Evaluating **wood pulp** as feedstuff for rumin- 083880
Wood pulping waste shows potential as catt- 084531
Malayan **wood rat,** Rattus tiomanicus (Mill- 089574
Payment & sale from **raw wood** stocks. 085888
Position & development of **raw wood** proces- 086094
Section market & segmenting of **raw wood** 086096
Wood as a **raw** material. 086098
Studies on utilization of forest **wood residues.** 086242
Effect of industrial mycelial **residues, wood** f- 089550
preparation out of Populus **robusta wood.** 086122
torsional strength of water-**saturated wood** 086268
Industrial utilization of small-**sized wood.** 086171
Measuring moduli of rigidity of **solid wood** 086154
On economy of eleven different **wood species** 085885
Crystals in **woody stems.** 086726
on electrical impedance of **woody stems.** [P- 088254
Payment & sale from raw **wood stocks.** 085888
future guarantee of industrial **wood supply.** 086265
future guarantee of industrial **wood supply.** 086266
paints for protection of **wood surfaces.** 086164
Viscoelastic properties of **wood** in **swelling** 086186
Development of forestry & **wood technology** 086230
on assembled body of **wood** in **transverse** c- 086185
Building regulations & **wood utilization.** 086145
Tendencies of **wood utilization.** 086147
activities depend on **wood volume** of farm fo- 085952
Wood waste composts manufacture & applic- 086270
thermal radiation heating in **wood-working** 086226

WOODLAND

from two temperate, **deciduous woodland** soi- 091641
Is there still money in **farm woodland?** 085988
Is there still money in **farm woodland?** iI. 085989
sweet chestnut Castanea **sativa woodland.** 086052
Woodland terrarium. 088743

WOODWORK

reinforced teeth in **woodworking industry.** 086172
Do-Ro" method in **woodworking industry.** 086221
development of **woodworking industry** on ba- 086231

WOOL

Wool: a valuable commodity. 083391
antistatic agents in textile industry. [**Wool**] 083453
of fibers under compressive flexing. [**Wool**] 083490
Wool: a valuable commodity. 083917
reared in Uzbekistan for meat & **wool.** 084010
into pastures grazed by sheep. [**Wool**]. 084224
Fraser firs infested by balsam **woolly aphid,** 090121
Relation between age & **certain wool** charac- 084919
Classing farm **wool clip.** 083484
when Gardona is applied to **woolen cloth** du- 090185
synthetics on future of making **wool fabrics.** 083475
failure of thyroxine to restore **wool growth** 084049
study of protein constituants of **wool** & **hair** 083390
An attempt to **increase wool** production in 084920
Obtaining wool with chemical preparation. 083480
grab samples in appraisal of **wool** for **store** 083404
of Chokla sheep. 2. Effects on **wool traits.** 084188

WORK

Corporation (progress of its **working**). 082585
Work of V. M. Klechkovskii & problem of 087565
for Dutch elm disease control: will it **work?** 089149
Corporation (progress of its **working**). 091264
Work of V. M. Klechkovskii & problem of 091704
what it is, & how chemical controls will **wo-k** 089068
Seventy years of life & **work** of **academician** 085156
Legislation on **work accidents** in agriculture 082574
Development of **afforestation work** by public 085939
Work of **amateurs.** [Iris]. 088638
in training cadres for **work** in **animal** indust- 084014
development of **work** of **assembly** of Organi- 091355
disease from infected honey **bee workers** to 091171
Working better. [Apiculture, honey product- 091200
mathematical analysis in **breeding work** with 084964
Breeding work on indigenous wild trees-a w- 086925
response of queenless **caged workers** & nuclei 091071
exercise as a measure of **working capacity** of 084368
value of some local forage (**work carried** out 088317
Making **composting work.** 091969
ensuring normal **working conditions** & accid- 085964
planning under farm-**working conditions.** 091456
Aspects of job safety & **working conditions** 091856
of Southern Forest Insect **Work Conference** 090120
is an integral part of **conservationist work.** 092413
of process organization through **work day** m- 082130
Twenty years of **work** of **Department** for Pa- 085159
of twenty years of **development work** at De- 085232
Developmental work in Soviet Union to me- 088664
A device for making **work** more **effective** in 084904
Mechanization of **work** for **elimination** of tw- 091426
well-point de-watering in **excavation work.** 091256
Valuation of **work experiences** of mineral fe- 091932
Experimental work in cultivating marsh. 092049
Some aspects of irrigation **work exploitation** 092238
tape reinforces learning. [**Extension work**]. 081930
testing planning under **farm-working** conditi- 091456
size distribution in outdoor **female workers** 090835
Chaetology differences in **female workers** of 091052
Mechanization of **work** in **Finnish** sawmills. 086227
accidents & disasters to **forest workers.** 085856
Manufacturing of **frame work** parts from ve- 086235
drills in India & aresa for **further work.** 085931
in mechanization of **work** in **grape** culture i- 091422
Results from mechanization of **work** in **grape** 091423
in area of mechanization of **work** of **grape** v- 091427
Time & motion study for **work** of **hand**-milk- 083954
of an ingenious preparation of **work** to **high** 085865
Work hygiene in food industry. [Dairy plan- 083338
competition among animal **industry workers** 082665
radiation heating in wood-**working industry.** 086226
years of Southern Forest **Insect Work** Conf- 090120
Some aspects of **irrigation work** exploitation 092238
Results of **work** of **laboratory** of physiology 085113
through a population of **workers** of **Lasius** al- 090747
Preference of village **level workers** & farmers 081970
Report on 2**nd working** session: ion exchange 091608
efficient measures ensuring **normal working** 085964
Manufacturing of frame **work parts** from ve- 086235
machine & tractor fleet during **work peaks.** 082169
purposeful development of **work performance** 083167
Tendencies of **working place** migration by y- 082145
Problems of **working place** construction in 091276
concerning group of **workers' planning** & ac- 085975
Results of **work** on **prevention** of anthrax in 085539
Results of **work** on **prevention** of blackleg w- 085554
Rational formation of **work process** of sorti- 086162
On **protection work** for cutting slope of fore- 085906
Experiences & **prudent work** of Zerbst "Me- 082129
"**publicity work** for nature protection & car- 092351
for supervising function & **working quality** of 091407
Observations on **research work** on estrus sy- 084978
Routine work in animal production. II. Care 082173
applied to right choice of **scientific workers** 086305
Report on 2nd **working session:** ion exchange 091608
1St **working session:** some remarks on discu- 091619
Two-**shift work** in animal husbandry. 082164
farm machinery in complexes & **shift-work.** 091345
of large scale use of machines & **shift work** 091390
Old age & **social work** in rural areas. [Yugo- 082019
Scientific organization of **work** & **socialist** i- 082146
1**St working** session: some remarks on discu- 091619
of sugarbeet. 2. combinations of **work steps** 088430
computers for phytosociological **table-work** 086682
Increasing economy of **working tools** [Wood 086159
to 25th anniversary of **work** of **Veterinary** I- 085160
thermal radiation heating in **wood-working** 086226

WORMS

Your goat has **worms.** 085286
of levamisole in-feed **wormer against** round- 085569
Field tests with insecticides for **boll worms** 089868
Field studies on control of cotton **boll worms.** 089869
Status of pink **boll worm** in Gezira, Sudan, 089948
Naegeli infecting silk **worm, Bombyx** mori 091226
administration of larvae to **worm burden** in 085341
with insecticides for boll **worms control** in 089868
in viticulture. [Earth **worms, Curculionidae,** 089565
Efficacy of levamisole in-**feed wormer** against 085569
Worm infestations in sheep & how to control 085335
of certain crops on lesser cotton **leaf worm,** 089838
acids of haemolymph of cotton **leaf-worm,** S- 089862
insecticides for control of cotton **leaf worm,** 089870
volume technique against cotton **leaf worm,** 089876
effect of insecticides on cotton **leaf worm,** S- 089885
food on life cycle of lesser cotton **leaf worm,** 089958
acids of haemolymph of cotton **leaf-worm,** S- 090526
of certain crops on lesser cotton **leaf worm,** 090808
food on life cycle of lesser cotton **leaf worm,** 090818
Studies on potato tuber **worm, Phthorimaea** 090087
bombycis Naegeli infecting **silk worm,** Bom- 091226
on lesser cotton leaf **worm, Spodoptera** exig- 089838
of cotton leaf-**worm, Spodoptera** littoralis bo- 089862
for control of cotton leaf **worm, Spodoptera** 089870
against cotton leaf **worm, Spodoptera** littora- 089876
cycle of lesser cotton leaf **worm, Spodoptera** 089958
of cotton leaf-**worm, Spodoptera** littoralis bo- 090526
on lesser cotton leaf **worm, Spodoptera** exig- 090808
cycle of lesser cotton leaf **worm, Spodoptera** 090818
Studies on potato **tuber worm,** Phthorimaea 090087

WORTS

products. [Pediococcus damnosus, **wort, beer** 082778
of nitrogenous substances in **wort** & **beer.** I 083043
products. [Pediococcus damnosus, **wort, beer** 083112
on protein composition of **worts** & **beers.** 083541
amino acid content of umnalted **cereal worts** 083039
Whirlpool & **wort colour.** 085062
of amino-acid content of **wort** on **formation** 083540
liquor & its effect on nature of **malt, wort** & 083031
nitrogenous composition of **wort prepared** fr- 083575

WOUND

in chick embryo. II. stromal **wound bed** as a 084334
Wound healing of cornea in chick embryo. I 084333
Wound healing of cornea in chick embryo. I 085797
Wound healing of cornea in chick embryo. II 085798
Wound healing of seed potatoes after pre-tr- 089447
of hemocytes of healthy & **wound tumor** vir- 089929

WRAP

SEE PACKING

XANTHINE

Expression of **xanthine dehydrogenase** activi- 090536

XANTHIUM

SEE COMPOSITAE

XANTHOMONAS

SEE PSEUDOMONADACEAE

XANTHOXIN

of (-)-1',2'-epi-2-cis-**xanthoxin acid** from a p- 088143

XENOPSYLLA

SEE PULICIDAE

XIPHINEMA

Pratylenchus vulnus, **Xiphinema americanum]** 089548

XYLANASES

On kinds of **xylanase** from **Aspergillus** niger 087360
properties of **xylanase** from **Aspergillus** niger 087361

XYLANS

methylglucurono)**xylan** from **leaves** of Hord- 087825

XYLEM

Xylem dysfunction in peach caused by Cyto- 089186
from within root to **xylem exudate** of tobac- 087861

XYSTICUS

on faunistic surveying of Finland. [**Xysticus**] 091044
system in species: **Xysticus cambridgei,** Par- 090854

YAMS

Sowing date & yield of **yam** in **Ghana.** 088933
Correlations among **greater yam** (Dioscorea 088926
You can **grow yam** in your homesteads. 088772
Nematodes in **stored yams.** 083732

YARNS

Testing **texturized yarns.** 083625

YEAST

derivatives of sugar cone (honeys & **yeast**). 084431
mannose to dolichol phosphate in **yeast** (H- 087270
synthesis of cytochrome oxidase in **yeast:** sp- 087367
of DNA from fungi & **yeast.** 087451
osmotic pressure on respiration of **yeast.** [S- 087456
starch wastes & their assimilation by a **yeast** 083771
Estimation of ploidies in **brewery yeasts.** 083046
Saccharomyces **cervisiae yeast** culture in die- 084578
Saccharomyces **cervisiae yeast** culture in gr- 084579
electron microscopy of **yeast colonies.** [Cider 083764
Saccharomyces cervisiae **yeast culture** in die- 084578
Saccharomyces cervisiae **yeast culture** in gr- 084579
yellow corn) & protein (Torula **yeast, fish** 084707
Nutritive value of **fodder yeast** produced fr- 083854
Amino acid composition of **food yeasts.** 083178
of aldehydes & acetals by **yeasts** in **grape** m- 083696
B12 supplementation to **hydrocarbon yeast** 084611
Protein production by **local yeast** strains wi- 087636
dependent mutants of **yeast Pichia** guillierm- 087449
Nutritive value of fodder **yeast produced** fr- 083854
Study of **yeast strains** with increased mutabi- 087163
Protein production by local **yeast strains** wi- 087636
activity of selected plant species in **yeast te-t.** 087198
yellow corn) & protein (**Torula yeast,** fish 084707
Baker's **yeast--world's** oldest food -is newest 083080
on growth of mold & **yeast** in **yoghurt.** 082847

YELLOW

Tasmanian **alpine yellow** gum, Eucalyptus s- 086375
in phloem parenchyma cells of **aster yellows** 089375
influenced by populations of **yellow bacteria** 089314
A simple method to purify **bean yellow** mos- 089357
inclusions induced by **bean yellow** mosaic vi- 089359
method for comparison of **beet yellows** virus 089403
on incidence of aphids & **yellows** in **beet.** [089902
relationship between **yellow birch** & sugar 086026
development of stem lesions on **yellow birch** 089228
energy sources (raw sugar & **yellow corn**) & 084707
acid on mitocic growth of **yellow corn.** 087645
for purification of potato **yellow dwarf** virus 089376
A **yellow-eyed** mutant of melon fly. [Dacus 090032
Tasmanian alpine **yellow gum,** Eucalyptus s- 086375
Tasmanian **yellow gum,** Eucalyptus johnston- 086376
parenchyma cells of aster **yellows-infected** 089375
plants in Gramineae, wheat **yellow leaf** virus 089360
Results of investigations on **yellow lupine** L- 089252
simple method to purify bean **yellow mosaic** 089357
inclusions induced by bean **yellow mosaic** vi- 089359
Occurrence of turnip **yellow mosaic** & radish 089430
glycol for purification of **potato yellow** dwarf 089376
"**yellow revolution"** in Manipur: multi-crore 083099
of multiplication of **sowthistle yellow** vein v- 089417
Behaviour of **yellow spot** mosaic virus, a str- 089401
Tasmanian yellow gum, Eucalyptus johnston- 086376
on respiration rate in **yellow transparent** ap- 087982
on appearance of leaves of **turning-yellow** ve- 089519
Occurrence of **turnip yellow** mosaic & radish 089430
of multiplication of sowthistle **yellow vein** v- 089417

appearance of leaves of turning-**yellow vein.** 089519
of multiplication of sowthistle **yellow vein** v- 090832
nature, & spread of pear vein **yellows virus** 089391
method for comparison of beet **yellows virus** 089403
other plants in Gramineae, **wheat yellow** leaf 089360

YIELD
rate & cooking method on quality & **yield.** 082959
some natural factors on level sales & **yields** 085898
Yields & N, [nitrogen] P, [phosphorus] & K 087585
cones, genetic basis, environment & **yield.** 087699
grain numbers per planting hole on **yields.** 088400
M-13 at right maturity for more **yield.** 088491
Malawi & its effect on parameters of **yield** 088891
Yields & N, [nitrogen] P, [phosphorus] & K 091979
Yielding abilities of dwarf wheats (Triticum 087758
on lodging resistance & **yielding ability.** 087112
nitrogen fertilizers on **alfalfa yield.** 091981
ite relation to **yields** of three **apple** varieties 088082
Wocus 71; a new high **yielding barley** variety 088353
Yield capacity of pastures & feed quality in 084731
Improving **yield capacity** of high-lysine corn 088541
slaughter on live weight & **carcass yield.** 084693
between nutrient uptake & **yield** of **certain** 087790
period on growth & **yield** of **chicory** (Cichor- 088780
Novel gel system, **citrus yield** ready-to-eat p- 082939
of summer barley & red **clover yields.** 087873
Yield, **yield component** & fiber property var- 086892
size of stomata on some **yield components** in 087880
Correlation of yield & **yield-contributory** ch- 091910
Effects of production practices on **corn yields,** 082255
rate of bollworm infestation, **cotton yield** & 089889
in Alabama. [Field crops, **crop yields**]. 088403
of some of its properties & **crop yield** in co- 091726
in relation to irrigation. [Field **crops, yields**] 092000
painted bug for more **yield** of **cruciferous** cr- 090075
Cultivation, yield & keeping quality of Pleu- 088605
correlations between **yield, development** & 087178
citrus orchards in Kyushu. 2. [**Yield, disease 088557**
Yield distribution & possibility of utilization 084723
Six to eight days **earlier yield,** income higher 082252
obtained after serial passages of **early yield** 085476
in maize population & **yield** & **effects** of spa- 088400
Use of **yield-enhancing** chemicals on soybea- 087671
Yield estimate of seed in Ostergotland Coun- 088516
of nitrogen & irrigation on **yield** of **feed** bar- 088354
Planting time of honey-**yielding flora.** 088946
distribution & aftermath on **forage yield** & 084432
Progeny testing for **forage yield** in tall fesc- 086889
application at different times on **forage yield** 088323
distribution & aftermath on **forage yield** & 088324
Studies on **forage yield** from a newly establi- 088331
environmental variables & **forage yield.** 088358
On possibility of increasing **fruit yields** by u- 088107
Phalsa--a quick **yielding fruit.** [Grewia asiat- 088881
mosaic virus diseases on **yield** & **fruit** sugar 089350
Lumber **grade yields** from graded trees of fi- 086197
Viscosity behaviour of low-**yield grafted** cell- 086117
in corn leaves as related to **yields** of **grain** 086903
Protein, lysine, & **grain yields** of Triticale & 087768
Influence of spacing on **grain yield** & dry-m- 088546
Grain yield & incidence of take-all & eyespot 089253
Measuring effect of herbicides on **grain yield** 089604
phosphorus & copper on **grain yield** of wheat 091833
grapevine & number of eyes on **grape yields,** 088910
cutting date on feed quality & **yield** of **green** 088393
A study on **yield** & **growth** of Japanese larch 085971
chloride (CCC) on **growth, yield** & fibre pr- 087912
can increase water-**harvesting yields.** 092212
Effect of time of mowing on **hay yields** & q- 087813
Oil content & **herb yield** of geranium plants 088220
Tree density effects on **yields** of **herbage** & 088528
human labour consumption of **high yielding** 082119
Hyvp [**High Yielding** Variety Programme] in 082519
Some studies on **high yield** pulping of bamb- 083097
Hudson: a **high yielding** variety resistant to 086856
amylolytic studies on **high yielding** varieties 087779
uptake & yield of certain **high yielding** rice 087790
Hyvp [**High Yielding** Variety Programme] in 088310
Wocus 71; a new **high yielding** barley variety 088353
varietal difference in yield of **high yielding** r- 088409
irrigation management for **high-yielding** wh- 088489
Biserka--early **high-yielding** wheat variety. 088509
Hudson: a **high yielding** variety resistant to 088580
fertiliser dosages in some **high yielding** pad- 089893
of phosphorus to cowpeas for **higher yields.** 091854
Planting time of **honey-yielding** flora. 088946
Improving yield capacity of high-lysine corn 088541
Six to eight days earlier **yield, income** higher 082252
Yield increase & melioration. 092013
Increased yields of alkaloids through precur- 087446
role of major factors **influencing yields** in G- 092109
Bladex P on weed population & **yield** of **jute** 089631
phosphorus & potassium on **yield** in **kufri** C- 088889
Yields from **lean** cuts as a measure of carcass 083408
of sprinkler irrigation at raised **yield levels** 088662
time of sowing on **yield** of **linseed.** 091877
West Virginia in relation to **yield** & **longevi-y** 092002
phosphorus & potassium on **maize yields.** 087881
An analysis of trends in **yields** of **major** field 088441
in nursery period & **yield** at **maturity** of sa- 088965
body measurement, & **meat yield.** 084879
associated with herd average **milk yield** & i- 082247
dairy cow milkings. I. Effect on **milk yield** 083963
associated with herd average **milk yield** & i- 083965
interval & milk composition to **milk yield** of 084219
Residual **milk yield** as affected by dose & t- 084226
methods for age adjustment of **milk yields.** 084244
of its relation to total **milk yield.** 084380
of cows with a high total **milk yield.** 084384
of biologically nisinised silage on **milk yield** 084690
of its relation to total **milk yield.** 084972
Plant development & **yield** on **mountain** gra- 088536
farmyard manure on **yields** from **mountain** 087811
of anhydrous ammonia on **yield** & **nutrient** 091804
phosphorus fertilization on **yield** & **nutrient** 091935
Variety trials for straw, grain & **oil yielding** 088539
dosages in some high **yielding paddy** varieti- 089893
Variable **yield performance** of soil & fertiliz- 088396
of site conditions on **yields** & **persistence** of 087812
severity of cutting on **yield** & **persistence** of 088337
trials for straw, grain & oil **yielding plant** c- 088539
measures on development & **yield** of **potato** 089131
of its physical properties & on **potato yields** 092052
Development of **yield prediction** equations 086259
Investigations on **yielding properties** of F1 087182
Yield & **protein** composition in cows milked 084853
Some studies on high **yield pulping** of bamb- 083097
Yield & **quality** of maize germplasms-nitrog- 088394
Asulox + Actril D on **yield** & **quality** of two 088526
planting me thods on **yield** & **quality** of graf- 088909
Asulox + Actril D on **yield** & **quality** of two 089727
Yield & **quality** of maize germplasms-nitrog- 091863
Phalsa--a **quick yielding** fruit. [Grewia asiat- 088881
levels of sprinkler irrigation at **raised yield** 088662
Novel gel system, citrus **yield ready-to-eat** p- 082939
Possibilities for **reception, yield** & loading of 083644
A **yield-related** measure of earliness for cott- 086912
Yield relationships of agricultural crops. II. 088523
Water **requirement, yield,** & tolerance to cli- 088366
Yield response of conquest barley as affected 091816
Yield response of tomato to foliage fertilizi- 091928
uptake & yield of certain high **yielding rice** 087790
Ssline lands can **yield rice** crops. 088374
difference in yield of high **yielding rice** varie- 088409
Ssline lands can **yield rice** crops. 091573
nitrogen & carbon in soil & **rice yield.** 091793
influence of liming on growth & **yield** of **rice** 091794
Saline lands can **yield rich** crops. [Soil fertil- 091853
of sugar beets. 4. transition of **root yield** & 088426
Relation between stand & **root yield** of sugar 088435
of sugar beets. 4. transition of **root yield** & 089115
Relation between stand & **root yield** of sugar 091386
phosphorus, & potassium on **rutabaga yields** 091815
of soil moisture stress on **yield** & **seasonal** 088424
Factors influencing **seed yields** in lucerne. 088369
of some characters influencing **seed yield** of 088408
Kenya. 6. effect of harvest date on **seed yield** 088466
of inoculation of soybean on **yield** of **seed** in 091718
with potato virus X (PVX) on **yield, size,** ch- 089395
magnesium fertilizers on **yield** & **size** distri- 091915
treatment to reduce loss in **yield** of **sorghum** 089898
Possibilities of **yield stabilization** by measur- 088332
Effects of deheading on **stalk yield** & juice 087731
disease, control measures & **yield stimulation** 089286
regarding forming of **yields** of **summer** barley 088504
levels of leaf loss on **yield** of **Swedish** turnips 089991
application of nitrogen on **yield** of **sweet** po- 091869
nitrogen dose, application **time, yield** & qual- 087863
Improvement of shoot **tip yield** of heat trea- 088929
of tree size, bearing surface & **yield** of **tree** f- 088863
Yield trial of F1 hybrids of Louco cabbage 088893
of calcium cyanamide on **tuber yield** & quali- 088798
seed il. Influence of spacing on **tuber yield** 088901
of calcium cyanamide on **tuber yield** & quali- 091926
Yield of **unthinned** red pine plantations at 085901
with compost on **yield** & **uptake** of nitrogen, 087652
Variable yield performance of soil & fertiliz- 088396
On problem of **yield variation** with fodder b- 088328
amylolytic studies on high **yielding varieties** 087779
labour consumption of high **yielding variety** 082119
Hyvp [High **Yielding Variety** Programme] in 082519
Hudson: a high **yielding variety** resistant to 086856
Hyvp [High **Yielding Variety** Programme] in 088310
Hudson: a high **yielding variety** resistant to 088580
number of eyes on grape **yields, vegetation** 088910
pulping of bamboo. IV. Pulp **yield versus** bl- 083097
as well as of seed rate on **yield** of **vetch** gro- 088329
Growth & **yield** of **vineyards** with various m- 088221
Arnold as parent on growth & **yield** of **Vitis** 087096
Augmentation of **watershed yields** by evapo- 092091
Correlation between **yield** & **weight** of 100 p- 088964
Biserka--early high-**yielding wheat** variety. 088509
characteristics & **yields** of **wheat.** 089564
management for high-**yielding wheats** in cen- 088489
Sowing date & **yield** of **yam** in Ghana. 088933
Yield, yield component & fiber property var- 086892
Correlation of **yield** & **yield**-contributory ch- 091910

YOGHURT
on growth of mold & yeast in **yoghurt.** 082847
lactose contents of cow's milk & **yoghurt.** 083247
on growth of mold & yeast in **yoghurt.** 083339
of yogurt & propagation of **yogurt cultures.** 083345
Yoghourt manufacture. 083276

YOLKS
Yolk deposition in Douglas-fir bark beetle, 090109
of sponge cakes prepared with **egg yolks** of 082916
Pigments in **egg yolk.** [Animal nutrition]. 083521
investigations on origin of **protein yolk** sphe- 090589

YOUNG
Relation of **young** & old--"peace time". [Ru- 082015
acid on growth & abscission of **young apple** 087934
Shoot growth of **young apple** trees as influe- 087935
Corrective pruning **young black** walnut trees 088845
Number & weight of **young** in two **breeds** of 084949
on fattening performances of **young bulls.** 083993
Chiana & Chiana X Friesian **young bulls** fed 084405
weight development in fattening **young bulls** 084520
Chlorella in relation to fattening **young bulls** 084537
Flavomycin in grain feeding of **young bulls.** 084622
testes & fertility prognosis in **young bulls.** 084809
calls & approach behavior of **young canada** 084118
How does one produce **young cattle** in Fran- 083991
Ails-cures of **young cattle:** heavy pros & cons 085421
Respiratory diseases of **young cattle.** 085489
On respiratory affection in **young cattle** dur- 085549
of white muscle disease in **young cattle.** 085743
erythrocytes of embryonic & **young chicks.** 084142
requirements for bananas in **young coastal** p- 088916
Cooperative laboratory & **young consumers.** 082340
Phosphorus supplementation for **young cows** 084702
heather & bracken soils under **young cultures** 091754
calf starter on performance of **young dairy** c- 084588
normal & potassium-chloride **depleted young** 084662
operation carrying out in **young Douglas** fir 086066
weight development in **fattening young** bulls 084520
Chlorella in relation to **fattening young** bulls 084537
into oestrogen excretion of **young female** cat- 084889
immunization of newborn & **young foals** born 085231
sludge on net assimilation of **young forest** tr- 088265
with Chiana & Chiana X **Friesian young** bul- 084405
Logging production rates in **young-growth,** 086264
measures of size & shape in **young Hereford** 084213
place migration by **young horticulturists** as 082145
after irradiation of embryos & **young larvae** 090531
Serum amino acids in **young men** consuming 082908
iron displacement in **young peach** & almond 087993
What is cause of death of **young peach** trees 089559
Intestinal defence in **young pig:** a review of 084350
on matabolism of newborn & **young piglets.** 084286
emergence herbicides on **young pineapple.** 089692
Formation & productivity of **young pines** at 085880
How does one **produce young** cattle in Fran- 083991
Corrective **pruning young** black walnut trees 088845
potassium-chloride depleted **young rats.** 084662
tuberosa & Lolium perenne for **young sheep:** 084509
diminishing truck number in **young spruce** s- 086095
pneumonia & enteritis of **young swine.** 085456
of white muscle disease in **young swine.** 085689
between characters of **young tea** seedlings in 088965
Trunk development of **young trees.** [Ornam- 088595
as a dietary ingredient for **young turkeys.** 084463
as a dietary ingredient for **young turkeys.** 084464
not yet described damage on **young winter** 089528
Copper metabolism in **young women** fed two 082909

YOUTH
Households without **youth** in **mountaineous** 082013
Households without **youth** in **plain** rural Yu- 082021
Profiles of **rural youth:** a decade of migration 081963
in educational plans of **rural youth:** Norway, 082003

YPONOMEUTIDAE
exquisita (Lepidoptera: **Yponomeutidae**). 090779

ZANDER
SEE FISH

ZANTE
analysis of tractor labor in district of **Zante** 082296

ZEA
SEE CORN

ZEBUS
intake of dry matter by **African Zebu** cattle. 084567
Varieties & traits of tropical **Zebu cattle.** 1 083920
Varieties & traits of tropical **cattle Zebu.** 2 084763
of age of female on fertility of **Zebu cattle.** 084944
progress in large herd of **Zebu-European** cr- 084824
fatty acid] production in **growning zebu** & b- 084203

ZECTRAN
spruce budworm: nonresistance to **Zectran.** 090130

ZEIRAPHERA
of larch bud moth **Zeiraphera diniana** (Gn.) 090117

ZENOBIINAE
Egypt. Lepidoptera: **Agrotidae Zenobiinae.** 089955

ZEOLITES
Potassium in allophane & in **zeolites.** [soils] 091615

genesis, structure & properties of **zeolites.** 091707

ZINC
Homeostatic regulation of **zinc absorption** in 082993
A new method to increase **zinc absorption** by 091963
mixutre with supplemented **zinc-bacitracin.** 084458
A comparison between **zinc bacitracin** & nit- 084634
Zinc-copper antagonism in nutrition of rice 087857
in experimentally induced **zinc deficient** la- 085675
carbonic anhydrase activity in **zinc deficient** 088013
determination of **zinc** in **fertilizer.** 091808
Effect of phosphorus & **zinc** on **growth** & fl- 088190
saturation of soil complex. [**Zinc, manganese** 091605
addition of copper & **zinc** to **rations** on perf- 084397
Effect of stress on **serum zinc** & plasma cort- 084232
crops for application of **zinc sulphate.** 087665

ZINEB
Effects of ethirimol & **zineb** on **phylloplane** 089004

ZINGIBERACEAE
of proteolytic enzyme. [**Zingiber officinale**]. 088088

ZIZYPHUS
SEE RHAMNACEAE

ZONE
Division of **agricultural zones.** 082032
with Solonetz soil. III. **Zone** of **Agrosti**-Alo- 086619
Bibliography on arid & semi-**arid zones** of A- 082043
on germination of certain **arid-zone** plants. 087402
F. Muell. & selected other **arid-zone** species 087906
Marine natural products of **Atlantic zone.** V 087615
Fruit **bearing zones** in California citrus trees 088596
coastal & low-lying areas in **Burulles zone,** 092118
Some observations on **cambial zone** in cotto- 086786
dryness of warm moderate **climatic zones.** [088530
Agricultural production in **zone** of **Danube;** 082009
Zones of **exudation** along plant roots & spat- 087467
a material-technical base in **zones** of **Far** Ea- 082291
of sunflowers in drained & **irrigated zone** in 088520
its consequences in **mediterranean zone.** 092023
of pineapple culture in "**Metalurgical zone**" 082218
in soils of tropical & **moderate zones.** 091708
production & reproduction in **mulga zone** of 084004
performance of maiden ewes in **mulga zone** 084945
introduction & reseeding in **mulga zone.** [Au- 088527
of production in **pastoral zone** of Australian 082103
on germination of certain arid-**zone plants.** 087402
Production zones of mate. [Ilex paraguarien- 082530
of agricultural aircraft in **production zone** of 091331
Tidal **zone riceland** drainage in Guinea, West 092133
feeding & husbandry of cattle in **Sahel zone** 084006
agricultural practices in north **Sahel zone.** A 091412
F. Muell. & selected other arid-**zone species** 087906
in forests of Novosibirsk **suburban zone.** [Pl- 088241
Tidal zone riceland drainage in Guinea, West 092133

ZONING
plain regulation (including **flood zoning**). 092171

ZOOGEOGRAPHY
with some **zoogeographical considerations.** 090953
Notes on **zoogeography, convergent** evolution 090912
Notes on **zoogeography, convergent** evolution 090913
Ecology & **zoogeography** of **Libytheidae** & 090960

ZOOHYGIENE
of laboratory of **zoohygiene,** All-**Union** Insti- 085108

ZOOLOGY
Institute for **Applied Zoology** of Wurzburg 085873
collections of **Zoological Institute** & Zoolog- 090973
Accessions to **Zoological Museum,** Universi- 090821
from collections of **Zoological Museum** at 090901
Pisces Z. N. [**Zoological Nomenclature**] (S. 090916
Limoniini from **Zoological State** Colletion at 086499

ZOONESES
Zoonotic potentials of schistosoma incognit- 085361

ZOONOSES
Pets & **zoonoses.** 085289
Aspects of some **zoonoses important** to Uni- 085513

ZOOS
of pesticide residues in **commercial zoo** feeds 090355

ZOOSPORANGIA
SEE SPORES

ZYGOPTERA
v.d. L.) (Odonata **Zygoptera Agrionidae**): p- 090819

ZYGOTE
androgenetic & **zygotic embryogenesis** in Ni- 086694
On formation of a **homogenous zygotic** popu- 090632

GEOGRAPHIC INDEX

Afghanistan 090943
Alabama 081939
Alabama 081940
Alabama 082237
Alabama 082400
Alabama 086667
Alabama 088403
Alaska 082461
Alaska 082988
Albania 085303
Albania 085305
Albania 088345
Albania 089020
Albania 092018
Albania 092086
Algeria 081989
Algeria 088420
Angola 083048
Angola 088499
Argentina 082398
Argentine Republic 082043
Argentine Republic 082284
Argentine Republic 082382
Argentine Republic 085918
Argentine Republic 089373
Argentine Republic 090466
Arizona 086352
Arizona 086353
Arizona 086627
Arizona 086716
Arizona 089730
Arizona 089810
Arizona 089910
Arizona 092084
Arizona 092241
Arkansas 090897
Arkansas 090928
Australia 081945
Australia 082103
Australia 082205
Australia 082206
Australia 082324
Australia 082380
Australia 082381
Australia 082480
Australia 082564
Australia 082584
Australia 082791
Australia 082897
Australia 084004
Australia 084439
Australia 084710
Australia 084711
Australia 084776
Australia 084779
Australia 084780
Australia 084945
Australia 084946
Australia 085252
Australia 085254
Australia 085256
Australia 085258
Australia 085388
Australia 085923
Australia 086047
Australia 086105
Australia 086358
Australia 086359
Australia 086360
Australia 086361
Australia 086362
Australia 086363
Australia 086364
Australia 086365
Australia 086366
Australia 086367
Australia 086368
Australia 086369
Australia 086370
Australia 086371
Australia 086372
Australia 086373
Australia 086374
Australia 086375
Australia 086376
Australia 086377
Australia 086378
Australia 086379
Australia 086380
Australia 086381
Australia 086475
Australia 086611
Australia 086612
Australia 086690
Australia 087622
Australia 087778
Australia 087885
Australia 087903
Australia 087904
Australia 087905
Australia 087906
Australia 087907
Australia 087908
Australia 087909
Australia 088256
Australia 088272
Australia 088359
Australia 088364
Australia 088422
Australia 088423
Australia 088527
Australia 088528
Australia 088533
Australia 088831
Australia 088997
Australia 088998
Australia 089152
Australia 089153
Australia 089285
Australia 089525
Australia 089728
Australia 089752
Australia 089819
Australia 089854
Australia 089945
Australia 090010
Australia 090244
Australia 090270
Australia 090402
Australia 091085
Australia 091327
Australia 091642
Australia 091767
Australia 091771
Australia 092173
Australia 092194
Australia 092197
Australia 092200
Australia 092224
Australia 092269
Australia 092356
Australia 092357
Australia 092364
Australia 092365
Australia 092366
Australia 092369
Austria 082053
Austria 082189
Austria 082483
Austria 082632
Austria 082660
Austria 082661
Austria 083629
Austria 083819
Austria 085887
Austria 085889
Austria 086003
Austria 086581
Austria 086605
Austria 087178
Austria 089540
Austria 089847
Austria 090169
Austria 090404
Austrialia 085260
Bangladesh 092121
Bangladesh 092123
Barbados 089208
Belgium 081921
Belgium 082408
Belgium 085222
Belgium 086078
Belgium 086244
Belgium 086488
Belgium 086489
Belgium 086635
Belgium 089367
Belgium 089939
Belgium 090905
Bolivia 091644
Bolivia 086427
Bolivia 091079
Brazil 082203
Brazil 082218
Brazil 082338
Brazil 082469
Brazil 082531
Brazil 082593
Brazil 082594
Brazil 082780
Brazil 083488
Brazil 085380
Brazil 085814
Brazil 085893
Brazil 086006
Brazil 086311
Brazil 086402
Brazil 086550
Brazil 086576
Brazil 088399
Brazil 088620
Brazil 088915
Brazil 088941
Brazil 089068
Brazil 089069
Brazil 090994
Brazil 091410
British Honduras 091028
Bulgaria 085877
Bulgaria 088784
Bulgaria 089563
Bulgaria 089833
Bulgaria 090837
Bulgaria 090866
Bulgaria 090877
Bulgaria 091091
Bulgaria 091254
Bulgaria 092119
Bulgaria 092120
California 082211
California 082345
California 082393
California 082537
California 082538
California 082539
California 082763
California 084713
California 086264
California 086347
California 086652
California 087590
California 087703
California 088347
California 088348
California 088537
California 088594
California 088764
California 088765
California 089998
California 090180
California 090760
California 090946
California 091260
California 092092
California 092095
California 092100
California 092285
California 092318
Cambodia 086464
Cameroun 087321
Cameroun 088317
Cameroun 089238
Canada 082041
Canada 082212
Canada 082321
Canada 082322
Canada 082323
Canada 082325
Canada 082363
Canada 082377
Canada 082456
Canada 082459
Canada 082520
Canada 082521
Canada 082548
Canada 084018
Canada 084153
Canada 084788
Canada 084817
Canada 085313
Canada 085778
Canada 085819
Canada 085901
Canada 085969
Canada 086010
Canada 086015
Canada 086022
Canada 086056
Canada 086429
Canada 086430
Canada 086432
Canada 086574
Canada 086637
Canada 086643
Canada 086644
Canada 086646
Canada 086647
Canada 086648
Canada 086663
Canada 086921
Canada 086922
Canada 086997
Canada 087364
Canada 087717
Canada 088260
Canada 088383
Canada 088384
Canada 088385
Canada 088598
Canada 088600
Canada 088601
Canada 089027
Canada 089457
Canada 089625
Canada 089859
Canada 090025
Canada 090104
Canada 090105
Canada 090106
Canada 090107
Canada 090143
Canada 090227
Canada 090484
Canada 090486
Canada 090490
Canada 090493
Canada 090494
Canada 090495
Canada 090542
Canada 090549
Canada 090576
Canada 090653
Canada 090759
Canada 090761
Canada 090925
Canada 090929
Canada 091109
Canada 091324
Canada 091549
Canada 091550
Canada 091734
Canada 092017
Canada 092070
Canada 092282
Canada 092294
Canada 092321
Central African Republic 088966
Central African Republic 091486
Ceylon 082466
Ceylon 087346
Ceylon 088972
Ceylon 088973
Chad (Republic) 086558
Chad (Republic) 092231
Chile 082572
Chile 085078
Chile 085920
China 082047

China 090938
China 091136
Colombia 081955
Colombia 090940
Colombia 090971
Colombia 091720
Colombia 091721
Colombia 091722
Colombia 091723
Colombia 091724
Colorado 084476
Colorado 084477
Colorado 086424
Colorado 088362
Colorado 088363
Colorado 089232
Colorado 090153
Colorado 092185
Congo (Kinshasa) 083971
Connecticut 091077
Costa Rica 086523
Costa Rica 086551
Costa Rica 086552
Costa Rica 086553
Cuba 083842
Cuba 084431
Cuba 084698
Cuba 085730
Cyprus 088899
Czechloslovak Republic 085840
Czechoslavak Republic 086496
Czechoslovak Republic 081886
Czechoslovak Republic 082083
Czechoslovak Republic 082085
Czechoslovak Republic 082169
Czechoslovak Republic 082281
Czechoslovak Republic 082310
Czechoslovak Republic 082540
Czechoslovak Republic 083693
Czechoslovak Republic 084456
Czechoslovak Republic 084457
Czechoslovak Republic 084901
Czechoslovak Republic 085838
Czechoslovak Republic 085839
Czechoslovak Republic 085841
Czechoslovak Republic 085940
Czechoslovak Republic 085943
Czechoslovak Republic 086044
Czechoslovak Republic 086192
Czechoslovak Republic 086230
Czechoslovak Republic 086434
Czechoslovak Republic 086435
Czechoslovak Republic 086498
Czechoslovak Republic 086676
Czechoslovak Republic 087155
Czechoslovak Republic 088592
Czechoslovak Republic 088593
Czechoslovak Republic 089030
Czechoslovak Republic 089031
Czechoslovak Republic 089257
Czechoslovak Republic 089522
Czechoslovak Republic 090080
Czechoslovak Republic 090142
Czechoslovak Republic 090433
Czechoslovak Republic 091303
Czechoslovak Republic 091369
Czechoslovak Republic 091502
Czechoslovak Republic 091663
Czechoslovak Republic 091664
Czechoslovak Republic 091665
Czechoslovak Republic 091667
Czechoslovak Republic 091668
Czechoslovak Republic 091728
Czechoslovak Republic 092041
Czechoslovakia 086497
Czechoslovakia 090577
Czechslovak Republic 085944
Czehoslovak Republic 082979
Denamrk 090118
Denmark 082026
Denmark 082395
Denmark 082432
Denmark 082611
Denmark 082717
Denmark 084627
Denmark 085810
Denmark 085882
Denmark 085883
Denmark 085884
Denmark 085885
Denmark 086000
Denmark 086001
Denmark 086093
Denmark 086094
Denmark 086297
Denmark 086298
Denmark 086398
Denmark 086399
Denmark 086400
Denmark 086446
Denmark 086650
Denmark 086933
Denmark 088368
Denmark 088921
Denmark 089056
Denmark 089058
Denmark 089636
Denmark 090141
Denmark 090547
Denmark 090732
Denmark 090963
Denmark 090985
Denmark 090986
Denmark 090988
Denmark 090989
Denmark 090990
Denmark 091565
Denmark 091989
Denmark 092335
Ecuador 086508
Ecuador 088944
Ethiopia 082011
Ethiopia 082030
Ethiopia 086407
Ethiopia 086484
Ethiopia 089016
Ethiopia 089248
Ethiopia 089249
Ethiopia 091029
Finland 082068
Finland 082579
Finland 085820
Finland 085868
Finland 086033
Finland 086223
Finland 086227
Finland 086320
Finland 086578
Finland 086579
Finland 086580
Finland 086582
Finland 088582
Finland 090870
Finland 091044
Finland 091045
Finland 092441
Florida 082378
Florida 086025
Florida 088679
Florida 089206
Florida 089460
Florida 089461
Florida 089651
Florida 090257
Florida 091562
Florida 091881
France 081922
France 081976
France 081986
France 081991
France 081992
France 082114
France 082168
France 082215
France 082340
France 082454
France 082464
France 082492
France 082536
France 082546
France 082552
France 082638
France 082640
France 082884
France 082989
France 083939
France 083991
France 084088
France 084811
France 084812
France 084813
France 084906
France 084907
France 084983
France 084984
France 085181
France 085306
France 085490
France 085496
France 085659
France 085851
France 085928
France 085958
France 086057
France 086058
France 086322
France 086382
France 086383
France 086384
France 086387
France 086555
France 086560
France 086561
France 086617
France 086626
France 086630
France 086631
France 086632
France 086633
France 086684
France 086685
France 088315
France 088397
France 088486
France 088500
France 088645
France 088646
France 089021
France 089022
France 089435
France 089639
France 089857
France 089997
France 090271
France 090309
France 090452
France 090453
France 090461
France 090819
France 090820
France 090886
France 090887
France 090888
France 090889
France 090895
France 091343
France 091814
France 091882
France 092023
France 092089
France 092126
France 092130
France 092183
France 092313
France 092317
France 092421
Gabon 091041
Georgia 086140
Georgia 089546
Georgia 089547
Georgia 090030
Germany (Democratic Republic) 081889
Germany (Democratic Republic) 082124
Germany (Democratic Republic) 082129
Germany (Democratic Republic) 082366
Germany (Democratic Republic) 082565
Germany (Democratic Republic) 082857
Germany (Democratic Republic) 082977
Germany (Democratic Republic) 082978
Germany (Democratic Republic) 083410
Germany (Democratic Republic) 084433
Germany (Democratic Republic) 084508
Germany (Democratic Republic) 084940
Germany (Democratic Republic) 085105
Germany (Democratic Republic) 085106
Germany (Democratic Republic) 085232
Germany (Democratic Republic) 085865
Germany (Democratic Republic) 085866
Germany (Democratic Republic) 085867
Germany (Democratic Republic) 085975
Germany (Democratic Republic) 086039
Germany (Democratic Republic) 086080
Germany (Democratic Republic) 086081
Germany (Democratic Republic) 086880
Germany (Democratic Republic) 086881
Germany (Democratic Republic) 088322
Germany (Democratic Republic) 088325
Germany (Democratic Republic) 088326
Germany (Democratic Republic) 088328
Germany (Democratic Republic) 088329
Germany (Democratic Republic) 088330
Germany (Democratic Republic) 088386
Germany (Democratic Republic) 088387
Germany (democratic Republic) 088388
Germany (Democratic Republic) 088389
Germany (Democratic Republic) 088390
Germany (Democratic Republic) 088391
Germany (Democratic Republic) 089430
Germany (Democratic Republic) 089470
Germany (Democratic Republic) 089471
Germany (Democratic Republic) 090162
Germany (Democratic Republic) 090301
Germany (Democratic Republic) 090362
Germany (Democratic Republic) 090901
Germany (Democratic Republic) 091145
Germany (Democratic Republic) 091181
Germany (Democratic Republic) 091331
Germany (Democratic Republic) 091493
Germany (Democratic Republic) 091800
Germany (Democratic Republic) 091801
Germany (Democratic Republic) 091802
Germany (Democratic Republic) 091857
Germany (Democratic Republic) 091858
Germany (Democratic Republic) 092083
Germany (Democratic Republic) 086082
Germany (Federal Republic) 081927
Germany (Federal Republic) 082069
Germany (Federal Republic) 082079
Germany (Federal Republic) 082090
Germany (Federal Republic) 082185
Germany (Federal Republic) 082217
Germany (Federal Republic) 082303
Germany (Federal Republic) 082326
Germany (Federal Republic) 082335
Germany (Federal Republic) 082339
Germany (Federal Republic) 082347
Germany (Federal Republic) 082350
Germany (Federal Republic) 082367
Germany (Federal Republic) 082376
Germany (Federal Republic) 082413
Germany (Federal Republic) 082415
Germany (Federal Republic) 082440
Germany (Federal Republic) 082487
Germany (Federal Republic) 082554
Germany (Federal Republic) 082568
Germany (Federal Republic) 082569
Germany (Federal Republic) 082582
Germany (Federal Republic) 082720
Germany (Federal Republic) 082925
Germany (Federal Republic) 082930
Germany (Federal Republic) 083029
Germany (Federal Republic) 083035
Germany (Federal Republic) 083036
Germany (Federal Republic) 083037
Germany (Federal Republic) 083109
Germany (Federal Republic) 083181
Germany (Federal Republic) 083227
Germany (Federal Republic) 083254
Germany (Federal Republic) 083256
Germany (Federal Republic) 083264
Germany (Federal Republic) 083265
Germany (Federal Republic) 083346
Germany (Federal Republic) 083398
Germany (Federal Republic) 083426
Germany (Federal Republic) 083509
Germany (Federal Republic) 083996
Germany (Federal Republic) 084526
Germany (Federal Republic) 084807
Germany (Federal Republic) 085519
Germany (Federal Republic) 085779
Germany (Federal Republic) 085822
Germany (Federal Republic) 085873
Germany (Federal Republic) 085888
Germany (Federal Republic) 085891
Germany (Federal Republic) 085919
Germany (federal Republic) 085921
Germany (Federal Republic) 085993
Germany (Federal Republic) 086096
Germany (Federal Republic) 086499
Germany (Federal Republic) 088545
Germany (Federal Republic) 088616
Germany (Federal Republic) 090212
Germany (Federal Republic) 090213
Germany (Federal Republic) 090407
Germany (Federal Republic) 090834
Germany (Federal Republic) 090890
Germany (Federal Republic) 090973
Germany (Federal Republic) 091065
Germany (Federal Republic) 091078
Germany (Federal Republic) 091134
Germany (Federal Republic) 091138
Germany (Federal Republic) 091278
Germany (Federal Republic) 091943
Germany (Federal Republic) 092180
Germany (Federal Republic) 092304
Germany (Federal Republic) 092314

Germany (Federal Republic) 092315
Germany (Federal Republic) 092316
Germany (Federal Republic) 092405
Germany (Federal Republic) 092407
Germany (Federal Republic) 092408
Germany (Federal Repulbic) 084926
Germany [Federal Republic] 086615
Ghana 081937
Ghana 083084
Ghana 088933
Ghana 088950
Ghana 092008
Ghana 092189
Ghana 092191
Great Birtain 091733
Great Britain 081919
Great Britain 081925
Great Britain 082002
Great Britain 082045
Great Britain 082259
Great Britain 082260
Great Britain 082278
Great Britain 082316
Great Britain 082317
Great Britain 082341
Great Britain 082342
Great Britain 082388
Great Britain 082404
Great Britain 082470
Great Britain 082598
Great Britain 082644
Great Britain 082659
Great Britain 082880
Great Britain 083294
Great Britain 083886
Great Britain 083892
Great Britain 083936
Great Britain 083992
Great Britain 083998
Great Britain 085134
Great Britain 085135
Great Britain 085136
Great Britain 085137
Great Britain 085138
Great Britain 085171
Great Britain 085508
Great Britain 085511
Great Britain 085513
Great Britain 085846
Great Britain 087585
Great Britain 087754
Great Britain 087859
Great Britain 088117
Great Britain 088342
Great Britain 088365
Great Britain 088613
Great Britain 088668
Great Britain 088855
Great Britain 089018
Great Britain 089492
Great britain 090283
Great Britain 090908
Great Britain 090909
Great Britain 090910
Great Britain 091026
Great Britain 091027
Great Britain 091105
Great Britain 091301
Great Britain 091316
Great Britain 091323
Great Britain 091328
Great Britain 091329
Great Britain 091641
Great Britain 091647
Great Britain 091692
Great Britain 091732
Great Britain 091753
Great Britain 091979
Great Britain 091980
Great Britain 092085
Great Britain 092195
Great Britain 092328
Great Britain 092389
Great Britian 082023
Great Britian 082107
Greece 082296
Greece 082297
Greece 082472
Greece 082747
Greece 082748
Greece 083280
Greece 084157
Greece 084530
Greece 085163
Greece 086129
Greece 086397
Greece 090674
Greece 090960
Greece 092131
Grest Britain 090068
Guatemala 086441
Guatemala 086442
Guinea 092133
Guyana 091992
Guyana 092124
Hawaii 083742
Hawaii 086413
Hawaii 086417
Hawaii 086433
Hawaii 087117
Hawaii 088051
Hawaii 088675
Hawaii 090018
Hawaii 090762
Hawaii 091020
Hawaii 091259
Hawaii 091894
Hawaii 091896
Honduras 091025
Hungary 082132
Hungary 082235
Hungary 082722
Hungary 082723
Hungary 082980
Hungary 083059
Hungary 083062
Hungary 083434
Hungary 083497
Hungary 083561
Hungary 084786
Hungary 084818
Hungary 085825
Hungary 085912
Hungary 086018
Hungary 086019
Hungary 086276
Hungary 086697
Hungary 088667
Hungary 088800
Hungary 088804
Hungary 088808
Hungary 088980
Hungary 089361
Hungary 089363
Hungary 091311
Hungary 091370
Hungary 091482
Hungary 092011
Hungary 092012
Hungary 092109
Hungary 092198
Hungary 092258
Hungary 092259
Hungary 092344
Idaho 081941
Idaho 082491
Idaho 088688
Idaho 089499
Idaho 090165
Idaho 090166
Illinois 082563
Illinois 086565
India 081926
India 081931
India 081934
India 081935
India 081958
India 081967
India 081968
India 081969
India 081970
India 081971
India 081972
India 081973
India 081974
India 081975
India 081995
India 082057
India 082097
India 082118
India 082125
India 082126
India 082134
India 082135
India 082136
India 082137
India 082155
India 082219
India 082224
India 082225
India 082226
India 082228
India 082229
India 082230
India 082233
India 082241
India 082242
India 082243
India 082244
India 082245
India 082246
India 082254
India 082267
India 082268
India 082270
India 082271
India 082358
India 082359
India 082361
India 082409
India 082410
India 082411
India 082436
India 082451
India 082471
India 082484
India 082490
India 082495
India 082519
India 082561
India 082562
India 082570
India 082585
India 082601
India 082614
India 082615
India 082616
India 082631
India 082635
India 082766
India 082767
India 082807
India 082869
India 083098
India 083099
India 083192
India 083278
India 083522
India 083977
India 083978
India 084643
India 084861
India 085333
India 085352
India 085370
India 085526
India 085684
India 085827
India 085931
India 086031
India 086166
India 086168
India 086341
India 086437
India 086454
India 086458
India 086459
India 086460
India 086461
India 086462
India 086472
India 086473
India 086548
India 086587
India 086589
India 086591
India 086595
India 086596
India 086597
India 086598
India 086599
India 086600
India 086601
India 086602
India 086603
India 086604
India 086788
India 087536
India 087775
India 088197
India 088310
India 088314
India 088370
India 088374
India 088375
India 088376
India 088377
India 088379
India 088380
India 088381
India 088401
India 088412
India 088424
India 088440
India 088453
India 088454
India 088455
India 088456
India 088457
India 088458
India 088492
India 088495
India 088621
India 088622
India 088623
India 088624
India 088628
India 088630
India 088631
India 088635
India 088770
India 088771
India 088773
India 088774
India 088775
Indiana 088776
Indiana 088777
Indonesia 088778
Indonesia 088781
Indonesia 088821
Indonesia 088822
Iowa 088823
Iowa 088880
Iowa 088881
Iowa 088882
Iowa 088887
Iran 088928
Iran 088948
Iran 088949
Iran 088961
Iran 088967
Iran 088970
Iraq 088971
Iraq 089036
Iraq 089071
Iraq 089073
Iraq 089076
Iraq 089081
Ireland 089082
Israel 089087
Israel 089088
Israel 089089
Italt 089090
Italt 089091
Italy 089092
Italy 089093
Italy 089094
Italy 089095
Italy 089097
Italy 089147
Italy 089227
Italy 089239
Italy 089272
Italy 089276
Italy 089301
Italy 089302
Italy 089320
Italy 089340
Italy 089344
Italy 089388
Italy 089469
Italy 089503
Italy 089706
Italy 089707
Italy 089713
Italy 089849
Italy 089851
Italy 089933
Italy 089941
Italy 090077
Italy 090864
Italy 091000
Italy 091151
Italy 091264
Italy 091373
Italy 091442
Italy 091443
Italy 091563
Italy 091573
Italy 091575
Italy 091576
Italy 091635
Italy 091639
Italy 091669
Italy 091670
Italy 091671
Italy 091794
Italy 091796
Italy 091797
Italy 091798
Italy 091850
Italy 091853
Italy 091854
Italy 091862
Italy 091865
Italy 091870
Italy 091876
Italy 091909
Italy 091911
Italy 091937
Italy 091945
Italy 091946
Italy 092033
Italy 092034
Italy 092045
Italy 092114
Italy 092125
Italy 092175
Italy 092177
Italy 092201
Italy 092202
Italy 092204
Italy 092205
Italy 092218
Italy 092219
Italy 092370
Indiana 085270
Indiana 090232
Indonesia 082652
Indonesia 089014
Indonesia 091049
Indonesia 091586
Iowa 082788
Iowa 085385
Iowa 085386
Iowa 086314
Iowa 089912
Iran 082821
Iran 085291
Iran 085929
Iran 089453
Iran 089477
Iran 091991
Iraq 083824
Iraq 085525
Iraq 085531
Iraq 085543
Iraq 090383
Iraq 092117
Ireland 091618
Israel 082140
Israel 086566
Israel 092105
Italt 085767
Italt 088415
Italy 081907
Italy 081909
Italy 081910
Italy 081947
Italy 081948
Italy 081949
Italy 081950
Italy 082001
Italy 082024
Italy 082025
Italy 082040
Italy 082042
Italy 082055
Italy 082073
Italy 082080
Italy 082095
Italy 082104
Italy 082138
Italy 082188
Italy 082196
Italy 082236
Italy 082319
Italy 082334
Italy 082397
Italy 082406
Italy 082439
Italy 082488
Italy 082494
Italy 082505
Italy 082526
Italy 082576
Italy 082577
Italy 082588
Italy 082590
Italy 082591
Italy 082604
Italy 082605
Italy 082606
Italy 082642
Italy 082643
Italy 082700
Italy 082706
Italy 082773
Italy 082774
Italy 082775
Italy 082777
Italy 082865
Italy 082913
Italy 082914
Italy 082967
Italy 083015
Italy 083108
Italy 083114

Italy 083285
Italy 083335
Italy 083337
Italy 083352
Italy 083440
Italy 083478
Italy 083501
Italy 083639
Italy 083711
Italy 083720
Italy 083750
Italy 083752
Italy 083834
Italy 083837
Italy 083918
Italy 083929
Italy 083955
Italy 084395
Italy 084396
Italy 084404
Italy 084406
Italy 084448
Italy 084450
Italy 084516
Italy 084536
Italy 084782
Italy 084783
Italy 084894
Italy 084932
Italy 084937
Italy 085100
Italy 085517
Italy 085832
Italy 085842
Italy 085930
Italy 086112
Italy 086113
Italy 086174
Italy 086194
Italy 086343
Italy 086463
Italy 086554
Italy 086678
Italy 087661
Italy 087678
Italy 088338
Italy 088417
Italy 088520
Italy 088650
Italy 088782
Italy 088783
Italy 088785
Italy 088786
Italy 088787
Italy 088857
Italy 088897
Italy 089098
Italy 089101
Italy 089135
Italy 089136
Italy 089304
Italy 089305
Italy 089311
Italy 089345
Italy 089490
Italy 089507
Italy 089508
Italy 089509
Italy 089510
Italy 089588
Italy 089671
Italy 089687
Italy 089688
Italy 089689
Italy 089690
Italy 089904
Italy 089932
Italy 090024
Italy 090045
Italy 090046
Italy 090047
Italy 090048
Italy 090095
Italy 090216
Italy 090302
Italy 091051
Italy 091084
Italy 091096
Italy 091248
Italy 091250
Italy 091265
Italy 091354
Italy 091356
Italy 091374
Italy 091399
Italy 091818
Italy 092110
Italy 092172
Italy 092207
Italy 092222
Italy 092228
Italy 083285
Italy 083335
Italy 083337
Italy 083352
Ivory Coast 083440
Ivory Coast 083478
Ivory Coast 083501
Ivory Coast 083639
Ivory Coast 083711
Ivory Coast 083720
Ivory Coast 083750
Japan 083752
Japan 083834
Japan 083837
Japan 083918
Japan 083929
Japan 083955
Japan 084395
Japan 084396
Japan 084404
Japan 084406
Japan 084448
Japan 084450
Japan 084516
Japan 084536
Japan 084782
Japan 084783
Japan 084894
Japan 084932
Japan 084937
Japan 085100
Japan 085517
Japan 085832
Japan 085842
Japan 085930
Japan 086112
Japan 086113
Japan 086174
Japan 086194
Japan 086343
Japan 086463
Japan 086554
Japan 086678
Japan 087661
Japan 087678
Japan 088338
Japan 088417
Japan 088520
Japan 088650
Japan 088782
Japan 088783
Japan 088785
Japan 088786
Japan 088787
Japan 088857
Japan 088897
Japan 089098
Japan 089101
Japan 089135
Japan 089136
Japan 089304
Japan 089305
Japan 089311
Japan 089345
Japan 089490
Japan 089507
Japan 089508
Japan 089509
Japan 089510
Japan 089588
Japan 089671
Japan 089687
Japan 089688
Japan 089689
Japan 089690
Japan 089904
Japan 089932
Japan 090024
Japan 090045
Japan 090046
Japan 090047
Japan 090048
Japan 090095
Japan 090216
Japan 090302
Japan 091051
Japan 091084
Japan 091096
Japan 091248
Japan 091250
Japan 091265
Japan 091354
Japan 091356
Japan 091374
Japan 091399
Japan 091818
Japan 092110
Japan 092172
Japan 092207
Japan 092222
Japan 092228
Japan 092382
Japan 092383
Japan 092384
Japan 092388
Japan 081990
Japan 089768
Japan 090462
Jordan 090488
Jordan 090758
Jqpan 091488
Kansas 091536
Kansas 081964
Kentucky 081977
Kentucky 081978
Kenya 082048
Kenya 082067
Kenya 082072
Kenya 082078
Kenya 082096
Kenya 082099
Kenya 082159
Kenya 082160
Kenya 082177
Kenya 082202
Kenya 082300
Kenya 082329
Kenya 082333
Kenya 082392
Kenya 082423
Kenyz 082599
Korea 082600
Korea 082624
Korea 082929
Korea 083570
Korea 083722
Korea 083860
Lebanon 083861
Lebanon 083922
Levanon 083927
Levanon 084421
Levanon 085052
Levanon 085218
Liberia 085284
Liberia 085837
Liberia 085856
Liberia 085906
Libyan Arab Republic 085907
Libyan Arab Republic 085933
Louisiana 085938
Louisiana 085939
Louisiana 085966
Louisiana 085968
Louisiana 085970
Louisiana 085971
Louisiana 086041
Louisiana 086071
Louisiana 086133
Louisiana 086175
Luxembourg 086333
Luxembourg 086467
Luxembourg 086478
Maine 086481
Maine 086486
Maine 086607
Maine 086688
Malagasy Republic 086796
Malagasy Republic 088282
Malagasy Republic 088433
Malagasy Republic 088437
Malagasy Republic 088557
Malagasy Republic 088571
Malagasy Republic 088789
Malagasy Republic 089114
Malagasy Republic 089262
Malagasy Republic 089515
Malagasy Republic 089679
Malawi 089813
Malawi 089935
Malawi 090040
Malawi 090055
Malawi 090265
Malawi 090517
Malawi 090575
Malaysia 090860
Malaysia 090861
Malaysia 090936
Malaysia 090937
Malaysia 090983
Malaysia 091001
Malaysia 091002
Malaysia 091003
Malaysia 091004
Malaysia 091005
Maryland 091010
Maryland 091011
Mexico 091013
Mexico 091015
Mexico 091255
Mexico 091650
Mexico 091674
Mexico 091758
Japan 091763
Japan 091764
Japan 091765
Japan 091988
Japan 092047
Japan 092162
Japan 092188
Jordan 082535
Jordan 090110
Jqpan 082422
Kansas 085774
Kansas 088848
Kentucky 082602
Kentucky 083887
Kenya 083970
Kenya 085418
Kenya 085530
Kenya 085654
Kenya 085844
Kenya 088021
Kenya 088466
Kenya 088467
Kenya 088480
Kenya 088543
Kenya 088947
Kenya 089298
Kenya 090954
Kenya 091106
Kenya 091834
Kenyz 086351
Korea 081894
Korea 085410
Korea 086241
Korea 086336
Korea 090876
Korea 091031
Lebanon 085529
Lebanon 087359
Levanon 081928
Levanon 082922
Levanon 083730
Levanon 085326
Liberia 082029
Liberia 089286
Liberia 090299
Liberia 091057
Libyan Arab Republic 087640
Libyan Arab Republic 091781
Louisiana 082255
Louisiana 082428
Louisiana 082429
Louisiana 088441
Louisiana 088442
Louisiana 088572
Louisiana 089129
Louisiana 090942
Louisiana 091656
Louisiana 091930
Luxembourg 081966
Luxembourg 082500
Luxembourg 086625
Maine 082261
Maine 088814
Maine 089444
Maine 092398
Malagasy Republic 082044
Malagasy Republic 086323
Malagasy Republic 086511
Malagasy Republic 089437
Malagasy Republic 090160
Malagasy Republic 091036
Malagasy Republic 091038
Malagasy Republic 091039
Malagasy Republic 091040
Malagasy Republic 091485
Malagasy Republic 091487
Malawi 085292
Malawi 085528
Malawi 086728
Malawi 088891
Malawi 089247
Malawi 089560
Malawi 092071
Malaysia 082046
Malaysia 082288
Malaysia 082433
Malaysia 082645
Malaysia 083813
Malaysia 088181
Malaysia 088816
Malaysia 089574
Malaysia 090049
Malaysia 091892
Maryland 086519
Maryland 089650
Mexico 083523
Mexico 083919
Mexico 086355
Mexico 086419
Mexico 086420
Mexico 086421
Mexico 086520
Mexico 086564
Mexico 089278
Mexico 090277
Mexico 090926
Mexico 092153
Mexico 092181
Mexico 092217
Michigan 081963
Michigan 082266
Michigan 089441
Michigan 090969
Minnesota 087443
Minnesota 087444
Minnesota 087448
Minnesota 090053
Minnesota 091675
Minnesota 091942
Mississippi 083815
Mississippi 086892
Mississippi 088819
Missouri 082249
Missouri 082501
Missouri 082698
Missouri 083868
Missouri 084335
Missouri 090248
Mongolian People's Republic 090874
Mongolian People's Republic 090875
Mongolian People's Republic 090903
Mongolian Peoples's Republic 090872
Montana 082620
Montana 082621
Montana 085723
Montana 088536
Montana 091455
Montana 091973
Montana 092050
Montana 092221
Morocco 091509
Nebraska 082156
Nebraska 082174
Nebraska 082175
Nebraska 089530
Nebraska 092276
Nebraska 092423
Nepal 086329
Nepal 090879
Nepal 090896
Nepal 091048
Netherlands 081917
Netherlands 081960
Netherlands 082113
Netherlands 082528
Netherlands 082731
Netherlands 083003
Netherlands 084830
Netherlands 086048
Netherlands 086049
Netherlands 086050
Netherlands 086385
Netherlands 086470
Netherlands 086675
Netherlands 086799
Netherlands 088443
Netherlands 088835
Netherlands 088836
Netherlands 090057
Netherlands 090058
Netherlands 090148
Netherlands 090991
Netherlands 090992
Netherlands 091257
Netherlands 091302
Netherlands 091396
Netherlands 091681
Netherlands 092028
Netherlands 092128
Netherlands 092409
Netherlands 092440
Nevada 091287
New Hampshire 088257
New Hampshire 091769
New Jersey 085984
New Jersey 086609
New Jersey 088830
New Jersey 089226
New Jersey 090127
New Mexico 082622
New Mexico 086584
New Mexico 088463
New Mexico 091679
New York 082050
New York 085497
New York 086575
New york 088599
New York 088833
New York 091030
New York 091680
New York 092422
New Zealand 082065
New Zealand 082157
New Zealand 082158
New Zealand 082387
New Zealand 083355
New Zealand 084954
New Zealand 085319
New Zealand 085863
New Zealand 086490
New Zealand 086614
New Zealand 086924
New Zealand 087807
New Zealand 088470
New Zealand 088472
New Zealand 089820
New Zealand 091952
New Zealand 092057
Nicaragua 086315
Nicaragua 086316
Nigeria 082653
Nigeria 084114
Nigeria 084810
Nigeria 085527
Nigeria 085813
Nigeria 086392
Nigeria 088975
Nigeria 091054
Nigeria 091845
Nigeria 092037
Nigeria 092283
North Carolina 083995
North Carolina 088829
North Carolina 088894
North Carolina 089204
North Carolina 089392
North Carolina 089648
North Carolina 090121
North Carolina 091258
North Dakota 082275
North dakota 082856
North Dakota 089150
North Dakota 089218
North Dakota 090145
Northern Ireland 083391
Northern Ireland 083917
Northern Ireland 085196
Northern Ireland 089590
Norway 081979
Norway 081985
Norway 082003
Norway 082150
Norway 082431
Norway 082566
Norway 082567
Norway 082573
Norway 082609
Norway 082625
Norway 083508
Norway 085192
Norway 085671
Norway 085950
Norway 085952
Norway 085953
Norway 085954
Norway 086203
Norway 089175
Norway 089641
Norway 091289
Norway 091687
Norway 091689
Norway 092106
Norway 092343
Ohio 082867
Ohio 082982
Ohio 088479
Ohio 089234
Ohio 092275
Oklahoma 081998
Oklahoma 090993
Oregon 082279
Oregon 082446
Oregon 082629
Oregon 083899
Oregon 085986
Oregon 086342
Oregon 088844
Oregon 088859
Oregon 090069
Oregon 090167
Oregon 090947
Pakistan 082597
Pakistan 083657
Pakistan 086393
Pakistan 088482
Pakistan 089553
Pakistan 089906
Pakistan 090867
Pakistan 091962

Pakistan 092234
Pakistan 092235
Pennsylvania 086197
Pennsylvania 089210
Pennsylvania 090132
Peru 091587
Philippine Islands 082071
Philippine Islands 082250
Philippine Islands 082633
Philippine Islands 083196
Philippine Islands 083198
Philippine Islands 083199
Philippine Islands 086216
Philippine Islands 086275
Philippine Islands 088791
Philippine Islands 089704
Poland 081980
Poland 081981
Poland 081982
Poland 082162
Poland 082163
Poland 082165
Poland 082167
Poland 082287
Poland 082416
Poland 082443
Poland 082445
Poland 082503
Poland 082595
Poland 082626
Poland 082627
Poland 082784
Poland 082785
Poland 083201
Poland 083202
Poland 083203
Poland 083898
Poland 084681
Poland 084689
Poland 084893
Poland 085430
Poland 085432
Poland 085957
Poland 085981
Poland 086222
Poland 086224
Poland 086226
Poland 086229
Poland 086231
Poland 086306
Poland 086328
Poland 086687
Poland 086699
Poland 086700
Poland 087113
Poland 087208
Poland 087572
Poland 087811
Poland 087812
Poland 087866
Poland 088474
Poland 088475
Poland 088477
Poland 088503
Poland 088901
Poland 089534
Poland 090267
Poland 090871
Poland 090933
Poland 091202
Poland 091205
Poland 091708
Poland 091710
Poland 091757
Poland 092290
Poland. 088476
Portugal 092184
Puerto Rico 082005
Puerto Rico 089166
Puerto Rico 089731
Puerto Rico 091016
Rhode Island 082641
Rhode Island 083902
Romaina 082874
Romania 082172
Romania 082264
Romania 082282
Romania 082283
Romania 082770
Romania 082771
Romania 082870
Romania 082875
Romania 082990
Romania 083102
Romania 083439
Romania 083578
Romania 083755
Romania 083756
Romania 083758
Romania 084913
Romania 084914
Romania 085128
Romania 085853
Romania 085855
Romania 085959
Romania 085961
Romania 085962
Romania 085965
Sweden 086060
Switzerland 086061
Switzerland 086065
Switzerland 086236
Switzerland 087863
Switzerland 088294
Switzerland 088451
Switzerland 088485
Switzerland 089693
Switzerland 091050
Switzerland 091061
Switzerland 091281
Switzerland 091415
Switzerland 091422
Switzerland 091423
Switzerland 091424
Switzerland 091427
Switzerland 091428
Switzerland 091429
Switzerland 091970
Switzerland 092216
Switzerland 092244
Taiwan 083931
Taiwan 086669
Taiwan 089396
Taiwan 089750
Tanzania 092036
Tanzania 089618
Tanzania 091478
Tanzania 089231
Tanzania 084003
Tanzania 085858
Tanzania 086240
Texas 086386
Texas 086394
Texas 086923
Texas 088497
Texas 088609
Texas 088610
Texas 088687
Texas 089060
Texas 089343
Texas 089562
Texas 089719
Texas 089791
Texas 089832
Texas 090079
Texas 090215
Texas 090551
Texas 090773
Texas 090955
Texas 090956
Texas 090972
Thailand 091108
Thailand 086238
Thailand 082178
Thailand 082646
Thailand 088360
Thailand 088903
Trinidad 089463
Trinidad and Tobago 089464
Trinidad and Tobago 090012
Tunisia 081988
Tunisia 082379
Tunisia 082486
Tunisia 083105
Tunisia 086345
Tunisia 086583
Tunisia 091046
Tunisia 091047
Tunisia 092127
Tunisia 085799
Tunisis 088544
Turkey 089466
Turkey 089654
Turkey 089655
Turkey 089948
Turkey 086546
Turkey 088447
Turkey 088916
Turkey 091411
Turkey 092250
Turkey 082879
Turkey 085133
Turkey 082061
Turkey 082256
Uganda 082258
Uganda 082293
Uganda 082311
Uganda 082421
United Arab Republic 082649
United Arab Republic 082650
United Arab Republic 083221
United Arab Republic 084934
United Arab Republic 085972
United Arab Republic 086396
United Arab Republic 087236
United Arab Republic 088516
United Arab Republic 088539
United Arab Republic 090163
United Arab Republic 091388
United Arab Republic 082286
United Arab Republic 082504
United Arab Republic 082575
United Arab Republic 082647
United Arab Republic 083213
United Arab Republic 083841
United Arab Republic 084679
United Arab Republic 085500
United Arab Republic 086068
United Arab Republic 086629
United Arab Republic 088501
United Arab Republic 088914
United Arab Republic 090168
United Arab Republic 091214
United Arab Republic 091216
United Arab Republic 091217
United Arab Republic 091220
United Arab Republic 091221
United Arab Republic 091222
United Arab Republic 091466
United Arab Republic 092312
United Arab Republic 086334
United Arab Republic 089860
United Arab Republic 090934
United Arab Republic 090935
United Arab Republic 083952
United Arab Republic 085904
United Arab Republic 086202
United Arab Republic 086586
United Arab Republic 086651
United Arab Republic 088449
United Arab Republic 090222
United Arab Republic 081954
United Arab Republic 082222
United Arab Republic 082299
United Arab Republic 086346
United Arab Republic 088521
United Arab Republic 089724
United Arab Republic 089919
United Arab Republic 089922
United Arab Republic 089959
United Arab Republic 089960
United Arab Republic 089961
United Arab Republic 090342
United Arab Republic 091471
United Arab Republic 092062
United Arab Republic 092064
United Arab Republic 092065
United Arab Republic 092066
United Arab Republic 092067
United Arab Republic 092273
United Arab Republic 092432
United Arab Republic 092434
United Arab Republic 086480
United Arab Republic 090774
United States 091007
United States 091150
United States 091678
United States 091759
United States 084709
United States 083140
United States 088942
United States 083182
United States 084007
United States 084008
United States 084712
United States 088531
United States 089103
United States 089729
United States 091063
United States 091066
United States 091799
United States 082783
United States 082473
United States 085220
United States 085643
United States 085852
United States 085917
United States 086029
United States 086054
United States 089336
United States 089615
United States 089994
United States 090974
United States 092122
United States 092129
United states 084708
United States 086888
United States 089043
United States 091835
United States 081911
United States 081913
United States 081999
United States 083526
United States 086851
United States 087394
United States 089836
United States 089837
United States 089838
United States 089839
United States 089840
United States 089866
United States 089868
United States 089883
United States 089886
United States 089949
United States 089950
United States 089951
United States 089952
United States 089953
United States 089954
United States 089955
United States 089956
United States 089957
United States 090087
United States 090088
United States 090090
United States 090091
United States 090092
United States 090093
United States 090094
United States 090099
United States 090159
United States 090217
United States 090786
United States 090787
United states 090788
United States 090789
United States 090790
United States 090792
United States 090793
United States 090794
United States 090795
United States 090796
United States 090797
United States 090801
United States 090802
United States 090803
United States 090805
United States 090806
United States 090808
United States 090809
United States 090810
United States 090811
United States 090812
United States 090814
United States 090816
United States 091034
United States 091035
United States 091226
United States 091777
United States 091778
United States 091935
United States 092118
United States 092150
United States 092192
United States 081888
United States 081923
United States 082000
United States 082006
United States 082027
United States 082062
United States 082064
United States 082075
United States 082076
United States 082186
United States 082187
United States 082192
United States 082272
United States 082277
United States 082301
United States 082332
United States 082343
United States 082371
United States 082373
United States 082383
United States 082385
United States 082386
United States 082389
United States 082390
United States 082391
United States 082402
United States 082442
United States 082450
United States 082460
United States 082475
United States 082476
United States 082506
United States 082507
United States 082508
United States 082509
United States 082510
United States 082511
United States 082512
United States 082513
United States 082514
United States 082515
United States 082516
United States 082547
United States 082550
United states 082580
United States 082623
United States 082655
United States 082657
United States 082715
United States 082888
United States 082891
United States 082904
United States 082944
United States 082995
United States 083377
United States 083726
United States 083820
United States 083925
United States 084535
United States 084651
United States 085947
United States 085995
United States 086135
United States 086137
United States 086260
United States 086261
United States 086321
United States 086531
United States 086677
United States 086828
United States 086846
United States 087175
United States 088680
United States 088757
United States 088758
United States 088876
United States 089209
United States 089214
United States 089380
United States 089436
United States 089538
United States 089764
United States 090303
United States 090330
United States 090384
United States 090964
United States 090997
United States 091086
United States 091629
United States 091744
United States 091890
United States 091994
United States 091995
United States 091996
United States 092141
United States 092232
United States 092238
United States 092281
United States 092284
United States 092310
United States 092404
Unites States 082070
Unites States 082420
Unites States 088860
Untied States 082437
USSR 082182
USSR 082191
USSR 082280
USSR 082289
USSR 082291
USSR 082309
USSR 082581
USSR 082666
USSR 084317
USSR 084967
USSR 084989
USSR 085109
USSR 085110
USSR 085111
USSR 085112
USSR 085113
USSR 085439
USSR 085440
USSR 085441
USSR 085442
USSR 085443
USSR 085444
USSR 085445
USSR 085446
USSR 085447
USSR 085448
USSR 085449
USSR 085450
USSR 085451
USSR 085452
USSR 085453
USSR 085454
USSR 085456
USSR 085457
USSR 085458

USSR 085459
USSR 085460
USSR 085461
USSR 085462
USSR 085463
USSR 085464
USSR 085586
USSR 085587
USSR 085588
USSR 085589
USSR 085791
USSR 085807
USSR 085808
USSR 085809
USSR 085836
USSR 085878
USSR 085879
USSR 085880
USSR 085881
USSR 085955
USSR 085999
USSR 086084
USSR 086188
USSR 086232
USSR 086303
USSR 086338
USSR 086456
USSR 086457
USSR 086613
USSR 086621
USSR 086622
USSR 086661
USSR 086791
USSR 087884
USSR 088240
USSR 088241
USSR 088243
USSR 088279
USSR 088653
USSR 088664
USSR 088665
USSR 088906
USSR 088955
USSR 088956
USSR 088957
USSR 088958
USSR 089284
USSR 089402
USSR 089578
USSR 089721
USSR 089774
USSR 089792
USSR 089835
USSR 090361
USSR 090737
USSR 090764
USSR 090765
USSR 090831
USSR 090883
USSR 090884
USSR 090885
USSR 091087
USSR 091183
USSR 091184
USSR 091185
USSR 091186
USSR 091187
USSR 091188
USSR 091190
USSR 091191
USSR 091192
USSR 091193
USSR 091194
USSR 091195
USSR 091196
USSR 091198
USSR 091199
USSR 091200
USSR 091350
USSR 091361
USSR 091468
USSR 091490
USSR 091625
USSR 091626
USSR 091627
USSR 091628
USSR 091697
USSR 091701
USSR 091702
USSR 091703
USSR 091737
USSR 091770
USSR 091782
USSR 091783
USSR 091861
USSR 091929
USSR 092043
USSR 092056
USSR 092132
USSR 092151
USSR 092190
USSR 092363
Utah 082117
Utah 085872
Utah 086411
Uunited States 086024
Venezuela 088566
Venezuela 090911
Venezuela 090977
Venezuela 090978
Vermont 081914
Vermont 082307
Vermont 086318
Vermont 089207
Vermont 092001
Virginia 082479
Virginia 082658
Virginia 086418
Virginia 086570
Virginia 086571
Washington 092255
West Virginia 082482
West Virginia 086198
West Virginia 088542
West Virginia 088872
West Virginia 092002
Wisconsin 082465
Wisconsin 083910
Wisconsin 088550
Wisconsin 088892
Wisconsin 089223
Wisconsin 089288
Wisconsin 089432
Wisconsin 089652
Wyoming 082308
Wyoming 088934
Yogoslavia 082179
Yogoslavia 088506
Yugoslavia 082009
Yugoslavia 082013
Yugoslavia 082014
Yugoslavia 082015
Yugoslavia 082016
Yugoslavia 082017
Yugoslavia 082018
Yugoslavia 082019
Yugoslavia 082020
Yugoslavia 082021
Yugoslavia 082751
Yugoslavia 082752
Yugoslavia 082753
Yugoslavia 082754
Yugoslavia 082755
Yugoslavia 082756
Yugoslavia 082757
Yugoslavia 082759
Yugoslavia 082760
Yugoslavia 082761
Yugoslavia 082892
Yugoslavia 082893
Yugoslavia 082894
Yugoslavia 082895
Yugoslavia 082896
Yugoslavia 082998
Yugoslavia 084723
Yugoslavia 084740
Yugoslavia 084948
Yugoslavia 084950
Yugoslavia 084961
Yugoslavia 085153
Yugoslavia 085154
Yugoslavia 085157
Yugoslavia 085158
Yugoslavia 085159
Yugoslavia 085160
Yugoslavia 085162
Yugoslavia 085165
Yugoslavia 085537
Yugoslavia 085539
Yugoslavia 085540
Yugoslavia 085546
Yugoslavia 085547
Yugoslavia 085551
Yugoslavia 085554
Yugoslavia 085574
Yugoslavia 085741
Yugoslavia 085848
Yugoslavia 085978
Yugoslavia 085979
Yugoslavia 085997
Yugoslavia 086620
Yugoslavia 088509
Yugoslavia 089591
Yugoslavia 090287
Yugoslavia 090290
Yugoslavia 090328
Yugoslavia 090329
Yugoslavia 090869
Yugoslavia 090961
Yugoslavia 091365
Yugoslavia 091775
Yugoslavia 092138
Yugoslavia 092248
Yugoslavia 092249
Zambia 086074
Zambia 086127
Zambia 090224
Zambia 090458

CORPORATE AUTHOR INDEX

Alabama Agricultural Experiment Station 081939
Alabama Agricultural Experiment Station 081940
Alabama Agricultural Experiment Station 082237
Alabama Agricultural Experiment Station 082400
Alabama Agricultural Experiment Station 082749
Alabama Agricultural Experiment Station 084531
Alabama Agricultural Experiment Station 085676
Alabama Agricultural Experiment Station 088046
Alabama Agricultural Experiment Station 088403
Alabama Agricultural Experiment Station 088567
Alabama Agricultural Experiment Station 089494
Alabama Agricultural Experiment Station 089645
Alabama Agricultural Experiment Station 089646
Alabama Agricultural Experiment Station 089900
Alaska University Institute of Agricultural Sciences 082461
Alaska University Institute of Agricultural Sciences 082988
American Pulpwood Association 086104
American Society of Animal Science 083960
Arizona Agricultural Experiment Station 082332
Arizona Agricultural Experiment Station 092084
Arkansas Agricultural Experiment Station 082204
Arkansas Agricultural Experiment Station 085249
Arkansas Agricultural Experiment Station 085645
Arkansas Agricultural Experiment Station 086867
Arkansas Agricultural Experiment Station 087671
Arkansas Agricultural Experiment Station 088586
Arkansas Agricultural Experiment Station 088587
Arkansas Agricultural Experiment Station 089992
Arkansas Agricultural Experiment Station 090226
Arkansas Agricultural Experiment Station 090897
Arkansas Agricultural Experiment Station 091807
Australia 085647
California Agricultural Experiment Station 082537
California Agricultural Experiment Station, Berkeley 082538
California Agricultural Experiment Station, Berkeley 082710
California Agricultural Experiment Station 083872
California Agricultural Experiment Station 086735
California Agricultural Experiment Station 087700
California Agricultural Experiment Station 087701
California Agricultural Experiment Station, Berkeley 087995
California Agricultural Experiment Station 088347
California Agricultural Experiment Station 088348
California Agricultural Experiment Station 088349
California Agricultural Experiment Station 088350
California Agricultural Experiment Station 088351
California Agricultural Experiment Station 088352
California Agricultural Experiment Station, Berkeley 088353
California Agricultural Experiment Station, Berkeley 088354
California Agricultural Experiment Station, Berkeley 088595
California Agricultural Experiment Station 089062
California Agricultural Experiment Station 089454
California Agricultural Experiment Station 089620
California Agricultural Experiment Station 089858
California Agricultural Experiment Station 090019
California Agricultural Experiment Station 091602
California Agricultural Experiment Station 092318
California University Water Resources Center 092100
California University, Berkeley Agricultural Extension Service 082345
California University, Berkeley Agricultural Extension Service 083875
California University, Berkeley Division of Agricultural Sciences 089062
California University, Berkeley Division of Agricultural Sciences 090019
California University, Berkeley Division of Agricultural Sciences 091602
Clemson University Extension Service 088360
Clemson University Extension Service 089463
Colorado State University Cooperative Extension Service 083560
Colorado State University Cooperative Extension Service 084476
Colorado State University Cooperative Extension Service 084477
Colorado State University Cooperative Extension Service 088361
Colorado State University Cooperative Extension Service 088362
Colorado State University Cooperative Extension Service 088363
Connecticut Agricultural Experiment Station 082745
Connecticut Agricultural Experiment Station 090111
Connecticut Agricultural Experiment Station 090183
Connecticut Agricultural Experiment Station 091584
Connecticut Agricultural Experiment Station 092353
Connecticut University College of Agriculture and Natural Resources 081965
Connecticut University College of Agriculture and Natural Resources 090144
Entomological Society Of Canada 090486
Finland Lantbruksstyrelse 082579
Food and Agriculture Organization of the United Nations Committee on Commodity Problems 082354
Food and Agriculture Organization of the United Nations Committee on Commodity Problems 082355
Food and Agriculture Organization of the United Nations Committee on Commodity Problems 082356
Food and Agriculture Organization of the United Nations Committee on Commodity Problems 082357
Food and Agriculture Organization of the United Nations Committee on Commodity Problems 082557
Food and Agriculture Organization of the United Nations Committee on Commodity Problems 082558
Food and Agriculture Organization of the United Nations Committee on Commodity Problems 082559
Food and Agriculture Organization of the United Nations Nutrition Division 082628
Food and Agriculture Organization of the United Nations Nutrition Division 082866
Food and Agriculture Organization of the United Nations Nutrition Division 082981
Food and Agriculture Organization of the United Nations Translations Branch Terminology and Reference Section 088918
Georgia Experiment Stations 088398
Ghana Irrigation, Reclamation and Drainage Division 092189
Gt. Brit. Agricultural Development and Advisory Service 084486
Hawaii 091019
Hawaii Agricultural Experiment Station 083741
Hawaii Agricultural Experiment Station 084529
Hawaii University Cooperative Extension Service 083742
Hawaii University Cooperative Extension Service 083951
Hawaii University Cooperative Extension Service 088044
Hawaii University Cooperative Extension Service 088051
Hawaii University Cooperative Extension Service 088675
Hawaii University Cooperative Extension Service 088676
Hawaii University Cooperative Extension Service 088677
Hawaii University Cooperative Extension Service 090018
Hawaii University Cooperative Extension Service 091601
Hawaii University Cooperative Extension Service 091894
Hawaii University Cooperative Extension Service 091895
Hawaii University Cooperative Extension Service 091896
Hawaii University Cooperative Extension Service 091897

Hawaii University Cooperative Extension Service 091898
Hawaii University Cooperative Extension Service 091899
Hawaii University Cooperative Extension Service 091900
Hawaii University Dept. of Horticulture 088051
Illinois University Cooperative Extension Service 082563
Illinois University Cooperative Extension Service 091357
Illinois University Cooperative Extension Service 092355
Institute Of Food Technologists 082813
Institute Of Food Technologists 092391
Institute of Tropical Forestry 086089
Institute of Tropical Forestry 089731
Instituut voor Veterinaire Parasitologie en Parasitaire Zi Ekten Faculteit der Diergeneeskunde De Werkgroep Wormmiddelen 085523
Kentucky Agricultural Experiment Station 083887
Kentucky University Cooperative Extension Service 082105
Kentucky University Cooperative Extension Service 082602
Kentucky University Cooperative Extension Service 083940
Kentucky University Cooperative Extension Service 084785
Kentucky University Cooperative Extension Service 088589
Kentucky University Cooperative Extension Service 089775
Kentucky University Cooperative Extension Service 090002
Kentucky University Cooperative Extension Service 090003
Kentucky University Cooperative Extension Service 090113
Kentucky University Cooperative Extension Service 090114
Kentucky University Cooperative Extension Service 090181
Kentucky University Dept. of Animal Sciences 082105
Kentucky University Dept. of Entomology 083940
Kentucky University Dept. of Animal Sciences 084785
Kentucky University Dept. of Agronomy 088589
Kentucky University Dept. of Entomology 089775
Kentucky University Dept. of Entomology 090002
Kentucky University Dept. of Entomology 090003
Kentucky University Dept. of Entomology 090113
Kentucky University Dept. of Entomology 090114
Kentucky University Dept. of Entomology 090181
Kentucky University Dept. of Agricultural Engineering 091321
Louisiana Agricultural Experiment Station Dept. of Agricultural Economics and Agribusiness 082148
Louisiana Agricultural Experiment Station Dept. of Agricultural Economics and Agribusiness 082255
Louisiana Agricultural Experiment Station Dept. of Agricultural Economics and Agribusiness 082428
Louisiana Agricultural Experiment Station Dept. of Agricultural Economics and Agribusiness 082429
Louisiana Agricultural Experiment Station 083620
Louisiana Agricultural Experiment Station 083969
Louisiana Agricultural Experiment Station 084623
Louisiana Agricultural Experiment Station 084624
Louisiana Agricultural Experiment Station Dept. of Agricultural Economics and Agribusiness 088441
Louisiana Agricultural Experiment Station Dept. of Agricultural Economics and Agribusiness 088442
Louisiana Agricultural Experiment Station 088811
Louisiana Agricultural Experiment Station 089129
Louisiana Agricultural Experiment Station 091656
Louisiana Agricultural Experiment Station 091930
Louisiana Agricultural Experiment Station 091931
Maine Agricultural Experiment Station 085793
Maine Agricultural Experiment Station 089831
Maine Life Sciences and Agriculture Experiment Station 082261
Maine Life Sciences and Agriculture Experiment Station 088814
Maine Life Sciences and Agriculture Experiment Station 092398
Michigan Agricultural Experiment Station 081963
Michigan State University Cooperative Extension Service Dept. of Agricultural Economics 082266
Michigan State University Cooperative Extension Service 090358
Minnesota Agricultural Experiment Station 090053
Minnesota University Agricultural Extension Service 088818
Mississippi Agricultural and Forestry Experiment Station 083815
Mississippi Agricultural and Forestry Experiment Station 084647
Mississippi Agricultural and Forestry Experiment Station 088108
Mississippi Agricultural and Forestry Experiment Station 088461
Mississippi Agricultural and Forestry Experiment Station 088462
Mississippi Agricultural and Forestry Experiment Station 088819
Mississippi Agricultural and Forestry Experiment Station 088826
Mississippi Agricultural and Forestry Experiment Station 089308
Mississippi Agricultural and Forestry Experiment Station 090268
Missouri Agricultural Experiment Station 082501
Montana Agricultural Experiment Station 085723
Montana Agricultural Experiment Station 088460
Montana Agricultural Experiment Station 091455
Montana Agricultural Experiment Station 091973
Montana Agricultural Experiment Station 092050
Montana State University Cooperative Extension Service 082620
Montana State University Cooperative Extension Service 082621
Montana State University Cooperative Extension Service 086677
Montana State University Cooperative Extension Service 089148
Montana State University Cooperative Extension Service 089694
Montana State University Cooperative Extension Service 092220
Montana State University Cooperative Extension Service 092221
Nationale Cooperatieve Raad voor Landen Tuinbouw 082113
Nebraska Agricultural Experiment Station 089530
Nebraska University College of Agriculture and Home Economics 081996
Nebraska University College of Agriculture and Home Economics 082174
Nebraska University College of Agriculture and Home Economics 082175
Nebraska University College of Agriculture and Home Economics 082456
Nebraska University College of Agriculture and Home Economics 083901
Nebraska University College of Agriculture and Home Economics 087867
Nebraska University College of Agriculture and Home Economics 090276
Nebraska University College of Agriculture and Home Economics 092423
Nevada Agricultural Experiment Station 082064
Nevada University Cooperative Extension Service 091287
New Mexico Agricultural Experiment Station 082277
New Mexico Agricultural Experiment Station 082622
New Mexico Agricultural Experiment Station 084651
New Mexico Agricultural Experiment Station 088463
New Mexico Agricultural Experiment Station 091679
New York (State) Agricultural Experiment Station, Geneva 090155
New York (State) Agricultural Experiment Station, Geneva 091030
New York (State) Agricultural Experiment Station, Geneva 091680
New York State College of Agriculture and Life Sciences Cooperative Extension Service 083823
New Zealand Diary Research Institute 083358
North Carolina Agricultural Experiment Station 082274
North Carolina Agricultural Experiment Station 083995
North Carolina Agricultural Experiment Station 084648
North Carolina Agricultural Experiment Station 084677
North Carolina Agricultural Experiment Station 085850
North Carolina Agricultural Experiment Station 088894
North Carolina Agricultural Experiment Station 088895
North Carolina Agricultural Experiment Station 090380
North Carolina Agricultural Experiment Station 092426
North Carolina Agricultural Experiment Station 092427
North Carolina Agricultural Experiment Station 092428
North Carolina State University Dept. of Economics 082274
North Carolina State University Agricultural Extension Service 083896
North Carolina State University Agricultural Extension Service 084649
North Carolina State University Agricultural Extension Service 088827
North Carolina State University Agricultural Extension Service 088828
North Carolina State University Agricultural Extension Service 088829
North Carolina State University Agricultural Extension Service 090056
North Dakota Agricultural Experiment Station 082275
North Dakota Agricultural Experiment Station 082276
North Dakota Agricultural Experiment Station 084650
North Dakota Agricultural Experiment Station 085465
North Dakota Agricultural Experiment Station 089150
North Dakota Agricultural Experiment Station 090145
North Dakota Agricultural Experiment Station 091286
North Dakota State Laboratories Commission 082856
Ohio Agricultural Research and Development Center Dept. of Agronomy 088479
Oklahoma Agricultural Experiment Station 081998
Ontario Dept. of Agriculture and Food 089535
Ontario Dept. of Agriculture and Food 090066
Ontario Dept. of Agriculture and Food 090367
Oppland landbruksselskap 081985
Oregon Agricultural Experiment Station 082446
Oregon Agricultural Experiment Station 082629
Oregon Agricultural Experiment Station 083899
Oregon Agricultural Experiment Station 092232
Rhode Island Agricultural Experiment Station 082641
Rhode Island Agricultural Experiment Station 083902
Rhode Island Agricultural Experiment Station 092424
Rhode Island University Cooperative Extension Service 092424
South Carolina Agricultural Experiment Station 082178
South Carolina Agricultural Experiment Station 082646
South Carolina Agricultural Experiment Station 088902
South Carolina Agricultural Experiment Station 088903
Stazione sperimentale per le industrie degli oli e dei grassi 083210
Texas Agricultural Experiment Station 082299
Texas Agricultural Experiment Station 085983
Texas Agricultural Experiment Station 088521
Texas Agricultural Experiment Station 089724
Texas Agricultural Experiment Station 089842
Texas Agricultural Experiment Station 089959
Texas Agricultural Experiment Station 089960
Texas Agricultural Experiment Station 089961
Texas Agricultural Experiment Station 089962
Texas Agricultural Experiment Station 089963
Texas Agricultural Experiment Station 089964
Texas Agricultural Experiment Station 092062
Texas Agricultural Experiment Station 092063
Texas Agricultural Experiment Station 092064
Texas Agricultural Experiment Station 092065
Texas Agricultural Experiment Station 092066
Texas Agricultural Experiment Station 092067
Tobacco Research Board of Rhodesia 088513
U.S Office of Water Resources Research 092435
U.S. Agricultural Research Service 082670
U.S. Agricultural Research Service 082903
U.S. Agricultural Research Service 082904
U.S. Agricultural Research Service 083524
U.S. Agricultural Research Service 083694
U.S. Agricultural Research Service 083695
U.S. Agricultural Research Service 085197
U.S. Agricultural Research Service 088563
U.S. Agricultural Research Service Plant Science Research Division 089204
U.S. Agricultural Research Service Plant Science Research Division 089205
U.S. Agricultural Research Service Plant Science Research Division 089206
U.S. Agricultural Research Service Plant Science Research Division 089207
U.S. Agricultural Research Service Plant Science Research Division 089208
U.S. Agricultural Research Service Plant Science Research Division 089209
U.S. Agricultural Research Service Plant Science Research Division 089210
U.S. Agricultural Research Service Plant Science Research Division 089211
U.S. Agricultural Research Service Plant Science Research Division 089212
U.S. Agricultural Research Service Plant Science Research Division 089213
U.S. Agricultural Research Service Plant Science Research Division 089214
U.S. Agricultural Research Service Plant Science Research Division 089215
U.S. Agricultural Research Service Plant Science Research Division 089216
U.S. Agricultural Research Service Plant Science Research Division 089217
U.S. Agricultural Research Service Plant Science Research Division 089218
U.S. Agricultural Research Service Plant Science Research Division 089219
U.S. Agricultural Research Service Plant Science Research Division 089220

U.S. Agricultural Research Service Plant Science Research Division 089221
U.S. Agricultural Research Service Plant Science Research Division 089222
U.S. Agricultural Research Service Plant Science Research Division 089223
U.S. Agricultural Research Service Plant Science Research Division 089224
U.S. Agricultural Research Service Plant Science Research Division 089225
U.S. Agricultural Research Service Plant Science Research Division 089226
U.S. Agricultural Research Service Plant Science Research Division 089227
U.S. Agricultural Research Service Plant Science Research Division 089228
U.S. Agricultural Research Service Plant Science Research Division 089229
U.S. Agricultural Research Service Plant Science Research Division 089230
U.S. Agricultural Research Service Plant Science Research Division 089231
U.S. Agricultural Research Service Plant Science Research Division 089232
U.S. Agricultural Research Service Plant Science Research Division 089233
U.S. Agricultural Research Service Plant Science Research Division 089234
U.S. Agricultural Research Service Plant Science Research Division 089235
U.S. Agricultural Research Service Plant Science Research Division 089236
U.S. Agricultural Research Service Plant Science Research Division 089237
U.S. Agricultural Research Service Plant Science Research Division 089238
U.S. Agricultural Research Service Plant Science Research Division 089239
U.S. Agricultural Research Service Plant Science Research Division 089240
U.S. Agricultural Research Service Plant Science Research Division 089241
U.S. Agricultural Research Service Plant Science Research Division 089318
U.S. Agricultural Research Service Plant Science Research Division 089319
U.S. Agricultural Research Service Plant Science Research Division 089320
U.S. Agricultural Research Service Plant Science Research Division 089321
U.S. Agricultural Research Service Plant Science Research Division 089383
U.S. Agricultural Research Service Plant Science Research Division 089384
U.S. Agricultural Research Service Plant Science Research Division 089385
U.S. Agricultural Research Service Plant Science Research Division 089386
U.S. Agricultural Research Service Plant Science Research Division 089387
U.S. Agricultural Research Service Plant Science Research Division 089388
U.S. Agricultural Research Service Plant Science Research Division 089389
U.S. Agricultural Research Service Plant Science Research Division 089390
U.S. Agricultural Research Service Plant Science Research Division 089391
U.S. Agricultural Research Service Plant Science Research Division 089392
U.S. Agricultural Research Service Plant Science Research Division 089393
U.S. Agricultural Research Service Plant Science Research Division 089394
U.S. Agricultural Research Service Plant Science Research Division 089546
U.S. Agricultural Research Service Plant Science Research Division 089547
U.S. Agricultural Research Service Plant Science Research Division 089548
U.S. Agricultural Research Service Plant Science Research Division 089549
U.S. Agricultural Research Service Plant Science Research Division 089550
U.S. Agricultural Research Service Plant Science Research Division 089551
U.S. Agricultural Research Service Plant Science Research Division 089552
U.S. Agricultural Research Service Plant Science Research Division 089553
U.S. Agricultural Research Service Plant Science Research Division 089554
U.S. Agricultural Research Service Plant Science Research Division 089941
U.S. Agricultural Research Service Plant Science Research Division 089942
U.S. Agricultural Research Service Plant Science Research Division 090071
U.S. Agricultural Research Service Plant Science Research Division 090072
U.S. Agricultural Research Service Plant Science Research Division 090153
U.S. Agricultural Research Service 090175
U.S. Agricultural Research Service Plant Science Research Division 091964
U.S. Agricultural Research Service 092078
U.S. Agricultural Research Service 092295
U.S. Cooperative State Research Service 086846
U.S. Cooperative State Research Service 089436
U.S. Cooperative State Research Service 089764
U.S. Cooperative State Research Service 092297
U.S. Crop Reporting Board 082506
U.S. Dept. of Agriculture 082027
U.S. Dept. of Agriculture 082148
U.S. Dept. of Agriculture 082255
U.S. Dept. of Agriculture 082301
U.S. Dept. of Agriculture 082428
U.S. Dept. of Agriculture 082429
U.S. Dept. of Agriculture 082461
U.S. Dept. of Agriculture 082475
U.S. Dept. of Agriculture 082476
U.S. Dept. of Agriculture 082510
U.S. Dept. of Agriculture 082511
U.S. Dept. of Agriculture 082512
U.S. Dept. of Agriculture 082513
U.S. Dept. of Agriculture 082514
U.S. Dept. of Agriculture 082891
U.S. Dept. of Agriculture 082988
U.S. Dept. of Agriculture 082996
U.S. Dept. of Agriculture 083377
U.S. Dept. of Agriculture 083846
U.S. Dept. of Agriculture 085870
U.S. Dept. of Agriculture 086260
U.S. Dept. of Agriculture 087623
U.S. Dept. of Agriculture 088441
U.S. Dept. of Agriculture 088442
U.S. Dept. of Agriculture 088927
U.S. Dept. of Agriculture 089282
U.S. Dept. of Agriculture 090164
U.S. Dept. of Agriculture 091294
U.S. Dept. of Agriculture 091295
U.S. Dept. of Agriculture 091296
U.S. Dept. of Agriculture 091297
U.S. Dept. of Agriculture 092254
U.S. Dept. of Agriculture 092434
U.S. Dept. of Agriculture Statistical Reporting Service 081888
U.S. Dept. of Agriculture Statistical Reporting Service 082089
U.S. Dept. of Agriculture Economic Research Service 082186
U.S. Dept. of Agriculture Statistical Reporting Service 082192
U.S. Dept. of Agriculture Economic Research Service 082507
U.S. Dept. of Agriculture Economic Research Service 082508
U.S. Dept. of Agriculture Economic Research Service 082509
U.S. Dept. of Agriculture Economic Research Service 082995
U.S. Dept. of Agriculture Statistical Reporting Service 091309
U.S. Dept. of Agriculture Economic Research Service 091994
U.S. Dept. of Agriculture Economic Research Service 091995
U.S. Dept. of Agriculture Economic Research Service 091996
U.S. Extension Service 081930
U.S. Extension Service 082050
U.S. Extension Service 082117
U.S. Extension Service 091572
U.S. Farmer Cooperative Service 082187
U.S. Farmer Cooperative Service 082442
U.S. Foreign Agricultural Service 082368
U.S. Foreign Agricultural Service 082369
U.S. Foreign Agricultural Service 082370
U.S. Foreign Agricultural Service 082371
U.S. Foreign Agricultural Service 082372
U.S. Foreign Agricultural Service 082373
U.S. Foreign Agricultural Service 082374
U.S. Foreign Agricultural Service 082375
U.S. Foreign Agricultural Service 082376
U.S. Foreign Agricultural Service 082377
U.S. Foreign Agricultural Service 082378
U.S. Foreign Agricultural Service 082379
U.S. Foreign Agricultural Service 082380
U.S. Foreign Agricultural Service 082381
U.S. Foreign Agricultural Service 082382
U.S. Foreign Agricultural Service 082383
U.S. Foreign Agricultural Service 082384
U.S. Foreign Agricultural Service 082385
U.S. Foreign Agricultural Service 082386
U.S. Foreign Agricultural Service 082387
U.S. Foreign Agricultural Service 082388
U.S. Foreign Agricultural Service 082389
U.S. Foreign Agricultural Service 082390
U.S. Foreign Agricultural Service 082391
U.S. Foreign Agricultural Service 082392
U.S. Foreign Agricultural Service 082393
U.S. Foreign Agricultural Service 082394
U.S. Foreign Agricultural Service 082477
U.S. Foreign Agricultural Service 082515
U.S. Foreign Agricultural Service 082516
U.S. Foreign Agricultural Service 082571
U.S. Foreign Agricultural Service 082572
U.S. Forest Service 086263
U.S. Intermountain Forest and Range Experiment Station 082655
U.S. Intermountain Forest and Range Experiment Station 085872
U.S. Intermountain Forest and Range Experiment Station 085985
U.S. Intermountain Forest and Range Experiment Station 086086
U.S. Intermountain Forest and Range Experiment Station 088536
U.S. Intermountain Forest and Range Experiment Station 089575
U.S. Intermountain Forest and Range Experiment Station 090165
U.S. Intermountain Forest and Range Experiment Station 090166
U.S. Intermountain Forest and Range Experiment Station 091768
U.S. Northeastern Forest Experiment Station 085984
U.S. Northeastern Forest Experiment Station 086261
U.S. Northeastern Forest Experiment Station 086262
U.S. Northeastern Forest Experiment Station 091769
U.S. Pacific Northwest Forest and Range Experiment Station 085871
U.S. Pacific Northwest Forest and Range Experiment Station 085986
U.S. Pacific Northwest Forest and Range Experiment Station 085987
U.S. Pacific Northwest Forest and Range Experiment Station 090167
U.S. Pacific Southwest Forest and Range Experiment Station 086264
U.S. Pacific Southwest Forest and Range Experiment Station 088535
U.S. Rocky Mountain Forest and Range Experiment Station 089730
U.S. Soil Conservation Service 082075
U.S. Soil Conservation Service 082076
U.S. Soil Conservation Service 082077
U.S. Soil Conservation Service 091744
U.S. Soil Conservation Service 092058
U.S. Soil Conservation Service 092059
U.S. Southeastern Forest Experiment Station 086088
Vermont Agricultural Experiment Station 082307
Vermont Agricultural Experiment Station 088930
Vermont Agricultural Experiment Station 088931
Vermont Agricultural Experiment Station 092001
Vermont Agricultural Experiment Station 092439
Vermont University Extension Service 088930
Vermont University Extension Service 088931
Vermont University Extension Service 092001
Virginia Polytechnic Institute and State University Cooperative Extension Service 082479
Virginia Polytechnic Institute and State University Cooperative Extension Service 082658
Washington (state) Agricultural Experiment Station 092005
Washington State University Cooperative Extension Service 089732
Washington State University Cooperative Extension Service 089733
Washington State University Cooperative Extension Service 089734
Washington State University Cooperative Extension Service 089735
Washington State University Cooperative Extension Service 089736
Washington State University Cooperative Extension Service 089737
Washington State University Cooperative Extension Service 089738
Washington State University Cooperative Extension Service 089739
Washington State University Cooperative Extension Service 089740
Washington State University Cooperative Extension Service 089741
Washington State University Cooperative Extension Service 089742
Washington State University Cooperative Extension Service 089743
Washington State University Cooperative Extension Service 089843
Washington State University Cooperative Extension Service 089844
West Virginia Agricultural Experiment Station 082482
West Virginia Agricultural Experiment Station 086091
West Virginia Agricultural Experiment Station 088542
West Virginia Agricultural Experiment Station 091476

West Virginia Agricultural Experiment Station 092002
Wisconsin University Agricultural Extension Service 088550
Wisconsin University Agricultural Extension Service 088976
Wisconsin University Agricultural Extension Service 088977
Wisconsin University Agricultural Extension Service 089432
Wisconsin University College of Agricultural and Life Sciences Research Division 083910
Wisconsin University College of Agricultural and Life Sciences Research Division 084728
Wisconsin University College of Agricultural and Life Sciences Research Division 088892
Wisconsin University College of Agricultural and Life Sciences Research Division 089288
Wyoming Agricultural Experiment Station 082308
Wyoming Agricultural Experiment Station 088934

PERSONAL AUTHOR INDEX

Aamdal, J 084891
Aapola, A A 089393
Aapola, A A 090072
Aaron, M I 087918
Aaronson, S 087310
Abaless, I M 089778
Abaless, I M 089882
Abaturova, T I 091701
Abbas, S 088928
Abbot Perdigao de Oliveira, F R 084063
Abbott, R H 090724
Abd El-Rehim, M A 089584
Abdallah, M D 089874
Abdallah, M D 089877
Abdallah, M D 089892
Abdel-Bary, A A 086851
Abdel-Fattah, A F 087635
Abdel-gawaad, A A 089863
Abdel-Gawaad, A A W 089975
Abdel-Malek, A A 090099
Abdel-Rahman, H A 090217
Abdelmalik, W E Y 087394
Abdiev, M 087397
Abdukarimova, B 083696
Abdulla, A 084020
Abdullaev, Dzh A 088955
Abdullazhanov, E 086691
Abe, H 088428
Abe, H 089114
Abe, K 091765
Abe, N 089516
Abe, T 083473
Abe, T 088556
Abejo, F G 086214
Abel, G H 087701
Abel, G H 088349
Abeles, F B 087839
Abeleva, E A 090824
Abernathy, R P 082905
Abeyesekera, C M 082288
Abeywardena, V 084860
Abeywardena, V 086981
Abichandani, C T 087733
Abney, T S 089203
Abo-el-Ezz, Z R 084041
Abou Nagi, S E 087928
Abou-Donia, S 089594
Abou-Donia, S A 089593
Abou-Ghadir, M F 090088
Abou-Ghadir, M F 090089
Abou-Ghadir, M F 090798
Abou-Zamzam, A M 087861
Abou-Zeid, A Z A 087642
Aboukhaled, A 087359
Aboul-Ela, M M 087575
Abraham, A 087612
Abraham, E S 087728
Abraham, J M 082408
Abrahamsen, G 091689
Abram, M 085068
Abramenko, N M 089402
Abramov, I V 085439
Abrams, C F 091321
Abrams, G B 088825
Abrol, I P 091632
Abrol, I P 091747
Absalom, H 082062
Abu-Zeid, M O 088544
Abu-Zied, M A 092192
Abul-Fadle, W 084371
Abul-Fadle, W 084966
Abul-Hajj, Y 087443
Abul-Hajj, Y 087444
Abul-Nasr, S 089953
Abul-Nasr, S 089957
Abul-nasr, S 090087
Abul-nasr, S 090790
Accardi, F 084404
Achilles, A 084629
Achorn, F P 091873
Ackerman, L G J 083839
Acsay, F 091351
Acton, J C 083513
Aczel, A 083731
Adachi, T 091684
Adachi, T 091763
Adam, J G 088421
Adam, R 082657
Adam, S E I 085799
Adamovic, V M 082754
Adamovic, V M 090328
Adams, C D 087482
Adams, C E 084869
Adams, F G 086137
Adams, K M 090255
Adams, L E 090132
Adams, N M 086614
Adams, P A 087841
Adams, R P 087132
Adams, R S 091637
Adams, S N 091951
Adamson, J 091543
Adanlawo, I 086391
Adanlawo, I 086729
Addis, P B 084833
Addison, B 085214
Addy, S K 089303
Adedipe, N O 089555
Adhikari, B S 088191
Adinarayan, S 088377
Adiosoemarto, S 091049
Adkins, E K 084897
Adkins, J 085132
Adkisson, P L 089961
Adolf, E 091222
Adolph, K W 089421
Adolph, K W 089424
Adriano, D C 092318
Adrich, S 084809
Adrichem, M C J van 088001
Adzic, A 084956
Aehnelt, E 084809
Aehnelt, E 085325
Afaq, S H 086784
Afiefy, M M 084371
Afiefy, M M 084966
Agaev, Y M 087162
Aganovic, N 082893
Aganovic, N 082894
Agarwal, D K 086461
Agarwal, D K 089081
Agarwal, G P 086593
Agarwal, K K 085352
Agarwal, M P 089086
Agarwal, N S 083631
Agarwal, R K 089087
Agarwal, S R 083137
Agarwal, S R 083148
Agarwal, V K 089057
Agarwal, V K 091381
Agarwala, R K 089071
Agble, W K 081937
Agemori, C 091255
Aggarwal, S K 090591
Aggarwal, S K 090596
Aggarwal, U 090596
Agnel, J P 083668
Agnes, F 084062
Agnew, D B 082891
Agostinelli, N 083639
Agostini, G 086537
Agostini, R 092388
Agrawal, H O 086737
Agrawal, H O 089338
Agrawal, J P 091878
Agrawal, K B 086792
Agrawal, P D 086472
Agrawal, S P 083299
Aguiar, L R de 087133
Aguirre, G 085618
Aguirre, G 085620
Agulhon, R 088646
Agulhon, R 089639
Ahern, C R 091767
Aherne, F X 085332
Ahlgrimm, H J 083888
Ahlgrimm, halmgut 087788
Ahluwalia, M 086712
Ahluwalia, S S 085358
Ahluwalia, S S 085361
Ahluwalia, S S 085680
Ahmad, N 083657
Ahmad, N 088412
Ahmad, R 089553
Ahmad, S A 087535
Ahmad, S A 087607
Ahmad, Z U 089090
Ahmadian, P 088017
Ahmed, A 086740
Ahmed, A 086741
Ahmed, E 092192
Ahn, B Z 088246
Ahn, B Z 088247
Ahooja, M L 085351
Ahrens, J R 088251
Ahrens, R A 082944
Ahrens, R A 084535
Ahti, T 086320
Ahuja, A K 084544
Ahuja, S D 084826
Ailarova, Z S 089577
Ain, G 090271
Aire, A 092214
Airey, D 088533
Aizenberg, V I 082309
Ajami, A M 090688
Akaki, M 083178
Akaki, M 083891
Akam, D N 083961
Akamine, E K 083742
Akazawa, T 087669
Akent'eva, L I 091929
Akesson, C 082963
Akesson, N B 090337
Akhmedov, R M 089774
Akhmedov, U A 087210
Akhmedova, M M 086847
Akhouri, M M P 088440
Akim, G L 086206
Akita, Y 090122
Akiya, T 082845
Akkada, A R A 084399
Akkada, A R A 084401
Akkayan, C 085643
Akmene, R 086037
Akopian, Z M 091199
Akov, S 090643
Akre, R D 090254
Akshayaber, 092021
Akulov, A V 085442
Al-Ani, M R 084598
Al-Aswd, M B 083854
Al-Falluji, M 085543
Al-Khateeb, G H 085264
Al-Rawi, N Y 090383
Alagiamanavalan, R S 083735
Alam, S S 088146
Alberghina, A 089311
Alberghina, F A M 087285
Alberghina, F M 087280
Albers, J W 085151
Albert, R A 085646
Albertario, P 082040
Albertazzi, G 090187
Albonico, F 083285
Albright, L F 083130
Albright, L J 092102
Alcorn, J L 088998
Aldenhoff, J M 083119
Alderson, N E 082795
Alderson, N E 082796
Alderson, N E 083881
Aldrich, M 082420
Aldwinckle, H S 089300
Aleandri, M 084974
Aleksakhin, R M 087565
Aleksakhin, R M 087566
Aleksakhin, R M 087568
Aleksakhin, R M 091704
Aleksakhin, R M 091705
Alexander, D M 088082
Alexander, D P 084099
Alexander, M 091543
Alexander, M T 091796
Alexander, T J L 085098
Alexandrescu, V 087872
Alexandru, B 085962
Alexoiu, A 084914
Alford, H G 090379
Ali, A 087997
Ali, A M 089865
Ali, A M 089867
Ali, A M 089872
Ali, A M 089873
Ali, A M 089874
Ali, A M 089879
Ali, A M 089884
Ali, A M 089885
Ali, A M 091569
Ali, A M 092202
Ali, A M M 087202
Ali, A M M 087203
Ali, M 088411
Alibert, G 087419
Aliev, S 083389
Aliev, S 084733
Aliev, S V 089774
Alikhan, M A 090527
AliNiazee, M T 090069
AliNiazee, M T 090947
Alkamper, J 087365
Alkamper, J 089629
Allal, K 084429
Allam, H M 091123
Allan, P 088633
Allan, W H 085398
Allaway, W H 088169
Allen, A 084140
Allen, A A 092355
Allen, C E 088088
Allen, E J 088867
Allen, F C 089697
Allen, J F 087252
Allen, K C 086491
Allen, M 091931
Allen, N 089968
Allen, O E 088734
Allen, O E 088741
Allen, O E 088745
Allen, P 088648
Allen, R T 090897
Allen, W A 087549
Allen, W A 087623
Allen, W R 084872
Allenstein, L C 084821
Alleweldt, G 088222
Alley, J R 085985
Alliot, H 086111
Allison, E 088649
Alloway, B J 087774
Alm, G V 084038
Almassy, J 082213
Almassy, J 092099
Almeida, A C S de 087581
Alonso, C 090510
Alperden, I 082732
Alperden, I 083430
Alston, R M 082655
Alt, F L 088542
Altahtawy, M M 089778
Altahtawy, M M 089882
Alvarado Cordobes, M 088999
Alvarez Fuertes, G 086822
Alvim, P de T 082203
Alvim, P de T 088941
Alwar, V S 090633
Amadei, G 083837
Amaha, M 087987
Amakiri, S F 084114
Amalley, E B 083910
Amalley, E B 089288
Amann, R P 084100
Amann, R P 084870
Amano, S 087926
Amatatsu, K 089679
Ambo, K 084275
Ambroz, Z 091731
Amemiya, K 082834
Amemiya, K 083520
Amend, J F 085168
Amer, M A 084582
Amin-Zaki, L 090383
Amin, A 083824
Amin, A Z 086851
Amin, E S 088006
Amin, E S 088007
Aminov, D M 084968

Amla, B L 082954
Amla, B L 083611
Amma, S 088964
Amma, S 088965
Ammer, U 085918
Ammerman, C B 084589
Ammerman, G R 083815
Ammerman, G R 088819
Ammitzboll, A 083937
Ammitzboll, A 083938
Ammon, H U 087098
Amodeo, J M 087453
Amor, R L 089752
Amorocho, J 092091
Amos, A J 082852
Ampuero, E 088944
Amrein, J 082286
Anahosur, K H 086598
Anahosur, K H 089076
Anahosur, K H 089272
Analytis, S 089543
Anastasio, V 082505
Anchel, M 087438
Andelkovic, M 088505
Anderle, G 083630
Andersen, A S 088019
Andersen, F 082395
Andersen, F 082444
Andersen, F G 085952
Andersen, K 084891
Andersen, L D 083463
Andersen, N H 087373
Andersen, N H 087529
Andersen, N M 090544
Andersen, T 086281
Anderson, B A 083303
Anderson, B A 083311
Anderson, D 092334
Anderson, D C 083879
Anderson, D M 091752
Anderson, D P 085201
Anderson, D T 090580
Anderson, D T 090583
Anderson, E E 088550
Anderson, E F 086285
Anderson, F J 086296
Anderson, G D 087486
Anderson, J C 084039
Anderson, J F 090111
Anderson, J M 084647
Anderson, J M 086052
Anderson, J M 091641
Anderson, J P E 091525
Anderson, J R 090312
Anderson, J R 091521
Anderson, J R 091540
Anderson, J U 091679
Anderson, J W 087965
Anderson, J W 087966
Anderson, L M 090592
Anderson, M G 082050
Anderson, M L 086022
Anderson, M L 088383
Anderson, N V 085633
Anderson, R B 086262
Anderson, R E 082387
Anderson, R S 090197
Anderson, W A 081996
Andersoon, L 084700
Andersson, A 087670
Andersson, A 089597
Andersson, R 082292
Andersson, S O 086293
Andert, A 091303
Ando, A 087147
Ando, T 085934
Andre, J P 085659
Andreae, B 092104
Andreasen, B 088369
Andreeva, I N 087742
Andrei, M 085128
Andreo, C S 088040
Andres, R M 083828
Andrews, A V 082818
Andrews, E D 085710
Andrews, F R 083675
Andrews, R A 092272
Andruska, J 084642
Andruska, J 091283
Anfinsen, C B 083215
Angelbauer, H 084519
Angeli, N 092313
Angelo, H G 082583
Angoso, M 088090
Angoso, M 090353
Anguladze, D I 091087
Anil-Kumar, T B 089088
Anisov, A A 084969
Anjaneyulu, A S R 087611
Anke, M 084772
Anke, M 085644
Ankersmit, G W 090059
Ankersmit, G W 090751
Ankley, D 084728
Ankone, H G 092163
Annamalai, N 091575
Annamalai, N 091576
Annapurna, S 087040
Annecke, D P 089719
Anojcic, B 084356
Ansorge, H 088322
Ansorge, H 091800
Ansorge, H 091802
Ansorge, H 091804
Antcliff, A J 087171
Anthonisen, A C 092403
Anthony, D W 090256
Anthony, D W 090257
Anthony, W B 084531
Antonietti, A 082188
Antongiovanni, E 089818
Antongiovanni, E 090051
Antongiovanni, E 090052
Antongiovanni, E 092401
Antoni, H 083574
Antoniani, C 088415
Antonietti, A 082080
Antonine, G Zs 088103
Antony, J 089861
Antoszewski, R 087980
Antropova, E N 090631
Anuchin, N P 085991
Aoba, Y 083921
Aoki, H 089331
Aoki, T 085938
Apitzsch, L 090301
App, A A 087683
App, A A 087846
Appan, S G 088768
Apple, J W 089432
Applebaum, S W 090640
Apte, R 091776
Aquil, M 087501
Aragami, K 086043
Aragami, K 086673
Arai, K 083558
Araki, C 082845
Araki, Y 090085
Araoz, J de 081943
Araratian, L A 086957
Arata, Y 087609
Aratake, Y 091178
Arato, J 083059
Araujo, J 090423
Aray, S S 083138
Arbogast, R T 090202
Arbogast, R T 090726
Archer, B L 087508
Archer, T F 082332
Ardakani, M S 091535
Ardoin, P 091036
Ardon, A 087558
Arendarcik, J 084349
Arendarcik, J 085166
Arens, R 089725
Aresvik, O H 082596
Argudin, O 083666
Arima, T 086269
Arimura, A 084218
Aripdzhanov, Sh A 087910
Aristovskaya, T V 091539
Arisumi, T 086873
Arisumi, T 086985
Arjunan, G 089481
Arkhipov, N P 087566
Arkhiptsev, N E 083115
Arko, R J 085208
Arman, I P 087164
Armeanu, V 083101
Armiger, W H 087888
Armiger, W H 091751
Armstrong, B 087275
Armstrong, W 086034
Armstrong, W 092035
Arndt, B 091885
Arne, H G I 086248
Arneja, D V 084194
Arnett, D W 084219
Arnett, J D 089464
Arnold, K D 085916
Arnold, Z 090230
Arnold, Z 090519
Aron, G 092280
Arora, R G 085370
Arora, R G 085526
Arp, G 086424
Arrington, R A 086136
Arshad, M 090763
Arslanova, S V 087658
Artem'ev, B V 083115
Arthur, D R 090550
Arthur, D R 090553
Arthur, D R 090554
Artola, V 083523
Arunachalam, N 091847
Arveda, A 086194
Arwar, R B 091867
Arya, S S 082803
Arya, S S 083609
Asada, K 088025
Asada, T 086759
Asada, Y 089046
Asadov, A S 091194
Asahina, S 091000
Asahina, S 091007
Asan, T 083327
Asano, H 087281
Asatiani, A V 084325
Asay, K H 086909
Aschoff, J 084300
Asdrubali, G 085473
Aseev, V V 091672
Ashby, J P R 088678
Ashford, R 089625
Ashizawa, M 083803
Ashizawa, M 083804
Ashmore, C R 084833
Ashton, T E 083287
Ashwanden, D 083077
Ashworth, F L 088851
Ashworth, J M 087257
Asjes, C J 089371
Askarova, S A 089284
Asland, O J 083340
Aspberg, K 087283
Aspiotes, N 084820
Aspock, H 090895
Aspock, U 090895
Asrarov, U 084537
Assem, M A 090182
Assink, A M 089416
Asthana, A N 088413
Aston, R J 092341
Astre, G 084088
Asvany, A 083809
Aswad, A 085742
Aswathaiah, B 082220
Ata, F A 085204
Ataev, E A 086659
Atal, C K 086784
Atallah, Y H 089808
Atanasiu, P 085180
Ateshian, K H 092124
Atkinson, J L 083468
Atlas, D 084090
Attilla, H H 086233
Attleberger, M 085561
Atton, F M 092321
Attridge, T H 088140
Atubrah, O K 089491
Atwood, P D 086258
Atyeo, W T 090241
Atyeo, W T 090966
Aubreville, 085813
Aubreville, A 086325
Aubry, A M 091536
Auckland, J N 084604
Auckland, J N 084605
Auclair, A N 086648
Audley, B G 087508
Auerbock, R 084526
Auffret, H 092183
Augustine, J J 086939
Aukema, J J 088406
Aulenbach, D B 092422
Aung, L H 088060
Aurstad, K 090438
Ausmus, B S 091515
Austic, R E 084266
Austin-Smith, P J 090305
Austin, A 083612
Austin, D F 086511
Austin, D F 086513
Austin, D J 087513
Austin, M E 088064
Austin, M P 087909
Autran, J C 083529
Avants, J K 087978
Averill, D R 084996
Averill, D R 085635
Aversa, M C 087388
Avgelis, A 089345
Avilov, I A 087452
Avilov, V S 085446
Avitabile, A 091077
Avkhlediana, Sh N 086953
Avol, E 084310
Avram, P 087863
Avramov, L 088910
Avron, M 088039
Awad, A H 083487
Awad, K 088220
Awad, K 091993
Awadallah, K T 090159
Awadallah, K T 090792
Awasthi, R P 088198
Awatramani, N A 082495
Awatramani, N A 087404
Awatramani, N A 088963
Awatramani, N A 089678
Awatramani, N A 092211
Axelsson, B 090545
Axer, J 082450
Axtell, R C 090262
Axtell, R C 090722
Axtell, R C 090723
Ayad, F A 089879
Ayad, F A 089884
Ayad, F A 089885
Aycardi, J 085490
Ayengar, K N N 087538
Ayer, N L 081956
Ayers, J E 089210
Ayers, R S 092318
Ayles, G B 090529
Ayllon, R A 082851
Ayllon, R A 090359
Ayoub, L A 084966
Ayres, J C 082675
Ayres, P 084625
Ayyagari, V B 084826
Azab, A K 091034
Azam, K M 082597
Azam, K M 089851
Azevedo, J L de 087135
Azevedo, J L de 087136
Azevedo, J L de 087141
Azevedo, J L de 087142
Azevedo, J L de 087581
Azevedo, J L de 089324
Azhar, S 088041
Azim, M A 089886
Baba, H 089326
Baba, H 089327
Babadzhanov, F 087172
Babak, A 084345
Babatola, E 084810
Babel, F J 083241
Babilas, W 089534
Babu, A R 087667
Babu, G M 088449
Babu, H 088197
Babu, K A K 082219
Babush, V N 088909
Baccetti, B 090717
Bach, A 084162
Bach, R 091620
Bache, C A 090343
Bachelier, 085813
Baciu, A D 086236
Backman, P A 089494
Backstrom, L 083915
Backstrom, L 084987
Baczkowska, H 083483
Badawy, A M 084041
Badawy, A M 084748
Badger, G M 092429
Badr El-Din, S M S 091779
Badr El-Din, S M S 091780
Baehr, L F 089034
Baens-Arcega, L 086502
Baer, G M 085208
Baere, R de 084428
Baert, L 091599
Baetz, A L 084098
Baev, K D 084017
Bagga, R K 091855
Baggett, J R 087116
Baggett, J R 089066
Bagha, H S 087405
Baghott, K G 088353
Baghott, K G 088354
Baginski, M 084622
Bagley, W T 087867
Baglioni, T 084062
Bagneres, J 092165
Bahal, V K 089082
Bahavandoss, M 086862
Bahga, H S 084187
Bahga, H S 084193
Bahga, H S 089800
Bahl, N 088774
Bahl, P N 086894
Bahrecke, G 084622
Baier, D 091824
Baier, J 087877
Baier, J 091977
Baier, S 087493
Bailey, A W 086022
Bailey, A W 086662
Bailey, A W 086663
Bailey, A W 088383
Bailey, A W 089632
Bailey, B K 087446
Bailey, C S 085002
Bailey, C S 085615
Bailey, G F 083550
Bailey, J 084468
Bailey, L 091167
Bailey, L 091172
Bailey, L B 091555
Bailey, L D 091554
Bailey, L F 083963
Bailey, L F 083964
Bailey, R L 085915
Bailey, W A 091294
Bain, D C 089230
Bain, O 090218
Bain, O 090456
Bain, O 090457
Bains, D S 088971
Bains, S S 081975
Bains, S S 088457
Bains, S S 088824
Bains, S S 089077
Baintner, K 084285
Bairaktarski, I 092166
Bairas, A 082297
Baird, D T 084252
Baird, D T 084270
Baisted, D J 088132
Baitsch, B 092161
Baize, J C 084476
Baize, J C 084477
Baize, J C 088362
Bajan, L 083480
Bajan, L 084305
Bajraktari, F 092018
Bajwa, M S 088880
Bajwa, M S 091972
Bakal, A 083141
Baker, A J 083880
Baker, A W 090485
Baker, E 085614
Baker, F F 089492
Baker, F L 083667
Baker, G S 086005
Baker, J B 086025
Baker, J B 088462
Baker, J B 091881
Baker, J E 090195
Baker, J H 092087
Baker, J R J 086810
Baker, J S 085720
Baker, Je 090192
Baker, K P 090289
Baker, L R 086939
Baker, R 089198
Baker, R C 082829
Baker, R C 083518
Baker, R V 092434
Bakhshi, J C 086821
Bakhshi, J C 088195
Bakhshi, J C 088886
Bakir, F 090383
Bakkendrup-Hansen, G 089640
Bakker, A C 091771
Bakshi, A S 091378
Bakuradze, A N 084325
Balaguru, T 091937
Balakhonova, K N 091703
Balakrishna Kurup, T K 091794
Balakrishnan, N 082358
Balan, V 091429
Balandreau, J 091518
Balanina, O V 084747
Balanutse, A P 083840
Balasini, D 082772
Balasko, J A 088542
Balasubrahmanyam, N 083783
Balasubrahmanyam, V R 087947
Balasubramanian, A 089137
Balasubramanian, A 089306
Balasubramanian, K A 089039
Balay, H L 091873
Balazs, S 088804
Balba, M H 089892
Balbaa, S I 087554
Balch, C C 084461
Balciunas, A J 092190
Baldauf, R J 088640
Baldo, R 086112
Baldry, A F 085512
Baldry, C W 088228
Balducci, E 086112
Baldwin, J P 087552
Baldwin, R 089023
Baldwin, R E 082750
Baldwin, R E 083432
Balfour, B 084988
Balkwill, D L 091645
Ball, E 087854
Ball, G H 090720

Ballal, D K 087652
Ballantyne, D J 089541
Ballantyne, W W 083465
Ballard, J 088686
Ballard, J 089502
Ballarini, G 085474
Ballarini, G 085517
Ballarini, G 085714
Ballarini, G 085724
Ballou, C E 089028
Balmaseda, A G 092127
Balnokin, IU V 086756
Balnokin, IU V 089054
Balock, J W 090658
Balogh, S 088101
Bals, E J 089246
Bals, E J 089829
Baluch, S J 087354
Balvay, G 086626
Bambolcar, V C 082228
Banadics, I 086018
Banania, R B 083198
Bancher, E 083911
Bancroft, J B 089346
Banda, E M 091364
Banda, H 087786
Bandel, G 087137
Banerjee, N 088380
Banerjee, S K 084260
Banerjee, U C 086794
Banerjee, U C 086795
Banerjee, U C 087071
Banerjee, U C 087072
Banerjee, U C 087800
Banerjee, U C 087801
Banerjee, U C 087802
Banerjee, U C 089141
Banerjee, U C 089142
Bangerth, F 089544
Bangs, R T 090318
Bankowska, J 089773
Banks, W 087890
Banks, W A 090253
Banks, W C 084327
Banner, M W 084292
Bannink, D W 091681
Bannink, D W 092409
Bannister, G L 085311
Banovancin, B 085544
Bansal, R D 087600
Bansal, R D 089274
Bansho, H 084611
Banthia, K M 083097
Banthia, K M 086167
Banting, J D 087722
Banziger, H 090774
Bapat, S R 091864
Bar-Joseph, M 089378
Bar, A 084261
Bar, H J 085106
Barabas, P 083511
Baraldi, G 091374
Baraldini, R 082604
Baran, H 089446
Baran, M 089943
Baran, S 085641
Baranov, A I 086541
Barath, J 086840
Baratta, G 088784
Barbeau, G 088866
Barber, A K 085784
Barber, D A 087468
Barber, J 088159
Barbetta, F 087204
Barbiers, A R 083865
Barbulescu, C 088870
Barckhaus, R 087460
Barckhausen, R 086830
Barclay, S L 087329
Barcsay, L 085912
Bardach, S 091437
Barden, J A 087934
Barden, J A 087935
Bardens, J 085119
Bardens, J W 084750
Bardens, J W 085621
Barghoorn, E S 086794
Barghoorn, E S 086795
Barghoorn, E S 087071
Barghoorn, E S 087072
Barghoorn, E S 087800
Barghoorn, E S 087801
Barghoorn, E S 087802
Barghoorn, E S 089141
Barghoorn, E S 089142
Baril, R 091549
Barkan, I L 092151
Barker, A 083490
Barker, A V 088128
Barker, R 083856
Barker, R J 091110
Barkley, F A 086541
Barkley, G M 088170
Barkley, T M 086568
Barkus, B 088218
Barlet, J P 084160
Barlow, P W 087879
Barlow, S A 088145
Barnard, E 092298
Barnard, J E 085984
Barnard, S E 083087
Barneby, R C 086504
Barneby, R C 086505
Barneby, R C 086572
Barnes, E M 083505
Barnes, F G 083535
Barnes, F G 083536
Barnes, L E 084078
Barnes, P C 082789
Barnes, R D 089168
Barnes, R D 090370
Barnes, R L 085824
Barnes, V G 086085
Barney, R J 085871
Baron, M 083700
Baron, M 088750
Baronetti, F 083836
Barooah, S R 091861
Barov, V 082101
Barpada, Y 091888
Barpada, Y 092111
Barr, D J S 086431
Barrault, J 088317
Barrera, D 082809
Barrett, R 089614
Barrios G, A 088566
Barron, H 091900
Barron, W G 085750
Barros, W D de 085893
Barry, T N 083884
Barstad, J 090326
Bartell, R J 090690
Bartels, J E 085024
Bartels, J E 085025
Bartels, K E 085088
Barth, A 087265
Bartha, A 085414
Barthel, V 084889
Bartlett, A C 089914
Bartley, E E 084588
Bartnicki-Garcia, S 087418
Bartnik, J 082902
Bartolomeo, B 083016
Barton, G M 086267
Barton, J S 086253
Bartosova, J 084736
Bartsch, I 090972
Bartunek, J 085898
Baruah, C K 089075
Baruah, C K 091636
Baruah, H K 089075
Baruah, H K 091636
Barwald, G 083033
Baryshnikov, I A 084180
Basaric, L 084339
Basch, A 086123
Basedow, T 089974
Basile, A 084937
Basile, D V 087621
Basile, R 090595
Baskakov, Y A 089702
Baskett, R 089062
Bassett, H J 082918
Bassham, J A 087269
Bassler, F 092180
Basteleus, R 088884
Basu, N C 088553
Basu, R N 088073
Basu, S B 084183
Bate-Smith, E C 088150
Bateman, L 082645
Bates, B L 082691
Bates, D W 091279
Bates, E M 089538
Bates, L S 083549
Bath, D L 082345
Bath, D L 083875
Batra, G K 089425
Batra, R C 090077
Batson, F 088636
Batson, F 088637
Batson, W E 089219
Batson, W E 089318
Batsylev, E G 091184
Battistoni, B 083336
Batyuk, V P 087287
Bauchala, A J 087825
Baudin, P 089437
Bauer, B 084452
Bauer, B 084454
Bauer, B 084455
Bauer, H 084005
Bauer, U 089603
Baughman, F W 092355
Baum, J W 086250
Baum, N 084940
Baumanis, I 086188
Baumgardt, F 083186
Baumgardt, F 083653
Baumgarth, M 087351
Baurenfeind, J C 082936
Bauters, M 083454
Bauzon, D 091536
Bawagan, P V 086215
Baxter, P 091998
Baxter, R I 083467
Bayer, A 084369
Bayer, D E 089667
Bayer, E 087225
Bayfield, N G 092036
Bayley, N 082010
Bayssade, L 092089
Baysu, N 083247
Baytop, T 087533
Bazhin, M A 085502
Bazin, M J 091533
Bazzi, B 082850
Bazzi, B 082851
Bazzi, B 090208
Bazzi, B 090359
Bazzi, B 092400
Beacham, L M 082368
Beadle, C L 087723
Beal, R E 083604
Beale, I F 088528
Beale, S I 087961
Beames, R M 084440
Bean, S D 091830
Beard, B H 082537
Beard, B H 088348
Beard, B H 088349
Beard, B H 088351
Beard, R L 090183
Bearden, A J 087279
Bearden, B E 092285
Beasley, E O 088829
Beatty, R A 089598
Beauchamp, E G 091554
Beauchamp, E G 091555
Beaucournu, J C 090893
Beaulaton, J 090413
Beaumont, W H 082612
Beaver, B G 084326
Bebawi, F F 089654
Bebawi, F F 089655
Bech, R 090316
Bech, R 092323
Becher, R 085829
Beck, A 086314
Beck, H 084364
Beck, H 084621
Beck, T 091542
Becka, J 087982
Becker, H 086321
Becker, H 089287
Becker, H F 086154
Becker, M 086096
Beckett, J B 087031
Beckett, J B 087032
Beckett, J B 087033
Beckett, J B 087034
Becla, E 090294
Bector, B S 083275
Beczner, L 089361
Bedford, G O 090038
Bedi, P S 089073
Bedo, Mrs S 084613
Bedo, S 084613
Beduhn, M 084888
Beduhn, M 085437
Beegle, J A 081963
Beeken, A Van der 091358
Beeman, C H 087937
Been, B O 083732
Beer, M 083873
Beer, M 084475
Beese, G 088389
Beetz, B 087110
Beevers, H 087548
Beevers, L 087973
Beevers, L 088173
Begin-Heick, N 087258
Beglaryan, N P 088209
Begovic, S 084357
Begovic, S 086090
Begum, M 086393
Behlen, W 090323
Behlen, W 091843
Behncken, G M 089417
Behncken, G M 090832
Behnke, H D 086817
Behrendsen, H J 091440
Behrens, D 092325
Behrens, G 083980
Behrens, H 085434
Behringer, G 083380
Behrmann, H I 082035
Beier, D 085239
Bekeris, Z IA 084015
Bel-Ayche, J 083051
Belak, S 092011
Belcher, E W 087243
Belcher, E W 088996
Belcher, E W 089608
Belcher, E W 089609
Belcher, J C 082005
Belej, J 091789
Beliczay, I 086019
Belik, V F 088653
Belikova, E 084456
Belkin, J N 090946
Bell, D 082917
Bell, D 083507
Bell, D K 089241
Bell, P R 086769
Bell, S C 082237
Bellani, L 084976
Bellenger, C R 085057
Bellenger, P 083528
Bellia, F 082001
Bellier, L 089569
Bellin, G 092178
Bellinger, P F 090917
Bello, H R 084053
Bello, J 084053
Bellows, R A 084847
Bellucci, G 092384
Belousov, I S 091468
Belova, V K 088905
Bemis, W P 086982
Bemm, M 085865
Ben Dhia, M 084712
Ben Osman, F 082783
Ben-Arie, R 089064
Ben-Gera, I 082956
Ben-Gera, I 083136
Ben-Gera, I 083883
Ben-Shaul, Y 087543
Ben-Yehoshua, S 087938
Benassi, L 085930
Benatti, R 083400
Benche, L 086169
Benche, V 086169
Bencheva, S 086116
Bencivelli, A 089671
Benda, R 085598
Bende, E 083273
Bendtsen, B A 086263
Bendtsen, H 085665
Benech, V 090452
Benedek, P 088081
Benedek, P 088102
Benedek, P 090441
Benedek, P 091168
Benedek, P 091180
Benedict, C R 087837
Benemann, J R 090782
Benes, V 089978
Benesova, V 087485
Benetin, J 092074
Bengtsson, A 088539
Bengtsson, G 092332
Bengtsson, J 090563
Bengtsson, N 082959
Bengtsson, N 083462
Benham, G S 089786
Benjamin, R 083853
Benk, E 083723
Benko, J J 090403
Benko, J J 092461
Benkova, M 087650
Bennett, G F 089785
Bennett, G J 090503
Bennici, A 086747
Benser, A 084772
Benser, A 085644
Benskin, J 089999
Benskin, J 090499
Benson, C W 088638
Benson, J F 090025
Benson, J F 090653
Benson, N R 089736
Bentley, A H 084108
Benton, C V 089812
Bentz, H 084644
Bentzer, B 086397
Benydea, J 085425
Benysek, V 084354
Benysek, V 085760
Benz, G 090117
Beraha, L 089217
Beran, F 082632
Beran, F 082868
Beran, F 089540
Beran, F 090377
Bercks, R 089428
Berdnikov, V V 091624
Berdykulov, Kh A 087398
Berdykulov, Kh A 087399
Beretta, G 083401
Berg, F 084433
Berg, F 088330
Berg, F M van den 088229
Berg, G 092453
Berg, N A 082076
Berg, R T 083408
Berg, R T 083948
Berg, R T 084490
Berg, R T 084505
Berg, R T 084817
Berg, R T 091245
Berg, S 087275
Bergami, G 092385
Berge, A M A ten 087104
Bergen, W G 084602
Bergendahl, D S 085954
Berger, A 084090
Berger, C 087459
Berger, E 086159
Berger, E 090537
Berger, G 083668
Berger, P J 084852
Bergh, B O 086390
Bergis, I 089624
Bergisadi, N 087301
Bergl, J 085897
Bergman, G 090821
Bergman, H L 083020
Bergman, K 087099
Bergmann, E D 090639
Bergmann, H 085436
Bergmann, V 085703
Bergmann, W 084474
Bergmann, W 091820
Bergner, H 084058
Bergner, H 084061
Bergstrom, G 084634
Beric, Z 083497
Berkenkamp, B 088004
Berlin, E 083303
Berlin, E 083311
Bernal, G 083194
Bernard-Dagan, C 088284
Bernard, H 081976
Bernard, H 092299
Bernard, L A 082041
Bernard, L A 082521
Bernard, L A 084393
Bernardini, D 082865
Bernardini, D 083478
Bernardo, J G 082593
Berndt, D 090301
Bernetti, G 085928
Bernhar, R 087994
Bernhard, M 088966
Bernhard, R 087993
Bernheim, J L 084182
Bernier, D L 085969
Bernier, D L 091734
Beroza, M 090026
Berrier, R 083529
Berry, A B 085901
Berry, A B 086015
Berry, I L 090662
Berry, R E 090067
Bersamin, S V 083196
Bersamin, S V 083198
Bersamin, S V 083199
Bersamin, S V 084665
Berszan, G 083435
Bertelsen, J 088671
Berthold, H 082554
Bertolani, G 083335
Bertrand, D 089619
Bes, J 082886
Besemer, S T 088038
Besford, R T 088127
Besler, D 088654
Bess, H A 089934
Bess, H A 091006
Bessems, E P M 091773
Bessho, K 083806
Best, W 086143
Bettes, R M 088748
Bettini, T M 082173
Bettini, T M 083994
Betts, W E 089475
Beukema, H P 088869
Beurle, C 083629
Beute, M K 089204
Beutelspacher, B C R 086420
Bevington, K B 083709
Bevington, K B 087958
Bex, F 087367
Bey, C F 088845

Beyer, E M 087845
Beyer, M 088393
Beyerlein, U 083329
Beyermann, K 090405
Beyermann, K 090406
Beyers, E A 088183
Beyreuther, K 084139
Bezenko, T I 083389
Bezenko, T I 084733
Bhadane, N R 086503
Bhadane, N R 090826
Bhaduri, A K 090864
Bhagwan, P S K 085356
Bhalerao, M M 082233
Bhalerao, V R 083321
Bhalerao, V R 083782
Bhalerao, V R 084184
Bhalla, J S 090074
Bhalla, J S 090075
Bhalla, J S 090076
Bhanot, J P 090198
Bhanot, J P 090725
Bharadwaj, L K 082004
Bhardwaj, R P 088769
Bhargava, P K 089147
Bhat, N T 088075
Bhat, S V 087519
Bhatia, K S 082361
Bhatia, M S 082616
Bhatia, S K 084544
Bhatia, T R S 085315
Bhatnagar, A P 091378
Bhatnagar, L G 086591
Bhatnagar, S 088375
Bhatt, J G 087755
Bhatt, P N 084190
Bhatt, P N 084541
Bhattacharjee, D 088379
Bhattacharya, A N 084566
Bhattacharya, A N 084570
Bhattacharya, S K 087555
Bhattacharya, S P 089668
Bhattacharyya, P 087539
Bhattacharyya, S K 089082
Bhatti, M A 091962
Bhatty, R S 083552
Bhendia, M L 091864
Bhogilal, P 091443
Bhombe, B B 089091
Bhowmik, T P 089092
Bhullar, S S 083832
Bhumbla, D R 091633
Bhumbla, D R 091695
Bhumbla, D R 091696
Bhumbla, D R 091747
Bhumbla, D R 092203
Biagiolti, O 084405
Bianchi, M A 083401
Bianchi, M A 083510
Bianco, A J 085622
Bianco, A J 085623
Bianco, A J 085624
Biandov, G 092145
Bibby, B T 086806
Bichurina, A A 087735
Bickford, S M 084078
Bickhardt, K 085764
Bickoff, E M 084600
Bielby, D G 091649
Bielby, D G 091920
Bielckus, C L 091301
Bielous, V O 087753
Biely, J 084446
Bier, K 090594
Bier, K 090600
Bier, K 090601
Bierschwal, C J 085214
Biethahn, J 083421
Biggs, D A 083319
Biggs, P M 085592
Bigwood, E J 082716
Bikker, G 086049
Bilbro, J D 086912
Bilek, I 084174
Bilek, I 084178
Bilinski, M 087866
Bille, N 085472
Billups, L H 085753
Bindra, A S 087993
Bindra, A S 087994
Bindra, A S 088887
Bindra, O S 090077
Bindra, O S 091339
Bines, J A 084461
Bingham, E T 086913
Bingham, F T 092318
Bingham, S W 086760
Binns, R M 084040
Biol, H 089022
Bir, R E 088052
Birch, G G 083142
Birch, J 091246
Birchfield, W 089467
Bird, A D 083886
Bird, D 083892
Bird, G W 089546
Bird, G W 089547
Bird, R 092269
Birecka, H 087849
Biriukova-Erogina, M A 084324
Birk, E 084711
Birk, Y 084585
Birnstiel, M 090606
Birolaud, P 084431
Birtwistle, R 083307
Bischler, H 086554
Bishara, S I 089887
Bishop, C E 081915
Bishr, M A 086851
Biskupek, E 082207
Bisselle, C A 082058
Bisset, N G 087429
Bistner, S 085620
Bistner, S I 085618
Bistner, S I 085756
Bistriceanu, M 085699
Biswal, G 085681
Biswas, B B 082119
Biswell, H H 085817
Bitoun, M 092133
Bittner, M 087488
Biuiev, S 092363
Bivin, W S 085050
Bizik, J 091479
Bizot, M 086558
Bizot, M 086559
Bizutti, O 084063
Bjorck, G 085765
Bjorkman, R 087830
Bjorn, P 090985
Black, D L 084272
Black, D L 084871
Black, L M 089376
Black, L M 089422
Black, L M 089581
Black, L T 083604
Black, L T 083613
Black, S M 088133
Black, W N 091817
Blackburn, J T 085136
Blackie, M J 082123
Blackmer, P 085321
Blackmon, B G 088462
Blackmore, D K 085094
Blackwell, J 086137
Bladel, R van 091622
Blaga, M 085550
Blaha, G 089238
Blair, J 082222
Blair, L S 085400
Blamire, R V 085513
Blanc, A 087919
Blanc, B 083240
Blanc, M R 084023
Blanco, A 084064
Blanco, M 089210
Blanpied, G D 083823
Blanshard, J M V 083156
Blasco, M 091723
Blaxter, K L 084694
Blazek, J 084378
Blazek, K 085555
Bleak, A T 088366
Bleck, M 086427
Blessin, B C W 082961
Bleymuller, H 086077
Bliss, M 090128
Blonski, Z 089717
Bloom, P E 092005
Bloom, S E 084181
Bloomfield, V A 083313
Blowey, R W 084353
Blowey, R W 084719
Bloxham, D P 090475
Blumauer, G 086161
Blumel, K 091402
Blumenschein, A 086549
Blumenschein, A 086550
Blumenschein, A 087138
Boag, D A 089622
Boag, D A 092320
Boamah-Mansah, E 088950
Board, P W 083801
Board, R G 084109
Boardman, N K 087842
Bobala, J 082213
Bobala, J 092099
Bobb, M L 090073
Bobek, P 084347
Bobkov, V P 091706
Bobrovitskii, A V 091707
Boch, R 091082
Bochdalek, R 085433
Bocher, T W 086650
Bocher, T W 088368
Bochno, R 082784
Bochno, R 083446
Bochsbichler, K 082234
Bockelmann, B von 083239
Bockstedte, W 088856
Bockstedte, W 091290
Boctor, I Z 089862
Boctor, I Z 090526
Boda, K 085761
Bodo, V 083603
Bodor, J 090063
Bodrogkozy, Gy 086618
Bodrogkozy, Gy 086619
Boer Azn, J K de 083367
Boer, J C J de 088590
Boer, J K de 083364
Boerescu, D 083579
Boeriu, I 087863
Boese, N 082529
Boese, N 091113
Boessneck-Munchen, J 085143
Bogardi, I 092198
Bogdan, A T 085127
Bogdan, I 085127
Bogdanov, Yu F 090631
Bohle, H 084704
Bohlmann, F 087605
Bohlool, B B 091530
Bohm, J 092300
Bohn, H L 091971
Bohne, K 092081
Bohnenblust, K E 088934
Bohra, S P 087267
Bohra, S P 088027
Boichenko, A M 085999
Boichenko, E A 088030
Boisseau, M 082883
Boiteau, P 087500
Bojarczuk, C 091206
Bojovic, B 082754
Bojovic, B 090328
Bojrab, M J 085032
Bojrab, M J 085034
Bokarev, K S 087746
Bokhari, S A I 084331
Bokhari, S A I 084938
Bokk, E N 085807
Bokk, E N 086621
Bokovaia, M M 088032
Boland, R L 087767
Bolcato, V 083751
Bole, J B 087725
Bolen, P L 087030
Bolin, H R 082921
Bolin, H R 083725
Bolle-jones, E W 089477
Bolle-Jones, E W 091991
Bolle, A 085947
Boller, R A 088993
Bolling, H 088234
Bolsen, K K 084568
Bolt, D J 084795
Bolt, G H 091596
Bolton, J 091647
Bomben, J L 083790
Bommer, D 089130
Bonadonna, T 084018
Bonadonna, T 084019
Bonadonna, T 084910
Bonadonna, T 084975
Bonadonna, T 084978
Bonaminio, V 088895
Boncinelli, E 090506
Bond, E J 090199
Bond, E J 090206
Bond, J 084571
Bond, J 084849
Bondor, A 085670
Boneta Garcia, E G 091961
Bonetti, F 082967
Bonfante, S 091090
Bongiovanni, G C 089506
Bonham, C D 086716
Bonini, P 084062
Bonini, V 084932
Bonnafous, J C 087689
Bonner, F T 086004
Bonner, F T 086005
Bonner, W D 087251
Bonnet, K A 084301
Bonney, C H 085027
Bonuccelli, A 091265
Bonvicini, E 085515
Boodley, J W 088044
Boodt, M de 091598
Boodt, M de 091600
Bookwalter, G N 083613
Boon, J van der 088115
Boonman, J C 088466
Boonman, J G 087111
Boonman, J G 088467
Boonman, J G 088543
Booth, A N 084600
Booth, G M 090188
Booth, G M 091153
Booth, J C 085396
Boratynski, K 091710
Borchelt, D 082750
Borchelt, D 083432
Bordas, B 089167
Bordeleau, M 085661
Bore, R J 082524
Boreiko, V S 086962
Borelli, J 092280
Borg, A 089989
Borg, A 090548
Borger, M L 084137
Borgioli, A 092228
Borgioloi, E 084403
Borgstrom, B 084094
Borgstrom, G 082975
Borisov, A Y 087972
Borlaug, N E 082596
Bormann, F H 088257
Borndorfer, J 091133
Borneff, J 091806
Bornman, C H 083838
Bornman, C H 086487
Bornstein, S 084465
Bornus, L 091205
Bornzin, J H 091308
Borojevic, S 088509
Boros, A 086560
Boroski, R A 085315
Borowiec, M 092052
Borowiec, S 086655
Borowiec, S 086687
Borowiec, S 091757
Borresen, O 092412
Borset, O 085950
Borsky, I 086045
Borsos, N 086170
Bortel, E 083683
Borucka-Mankiewicz, M 090713
Borup, A P 083152
Boryczko, Z 084883
Borzemska, W B 085481
Bos, L 089356
Bosak, Q 087878
Boschi, V 081949
Bosco, G 082700
Bose, B 083659
Bose, E A 089105
Bose, J L 083659
Bose, S 084540
Bose, T K 081995
Bose, T K 088073
Bose, T K 088192
Bose, T K 088199
Bose, T K 088882
Boser, F 083632
Bosis, A 082104
Bosis, A 089588
Bosman, D L 086240
Bosque Lugo, R 091961
Bossis, P 081986
Bosso, B 082576
Bostad, J 089062
Boswell, S B 088596
Bot, J 090382
Botel, W 083258
Botha, S P 086237
Botkina, T I 087378
Bottcher, F K 091131
Bottimer, L J 090924
Bottrell, D G 089919
Bouchal, P 091976
Bouchard, A 086648
Boughey, A S 092095
Bouillot, R 082240
Boulanger, P 085311
Boulard, Y 090419
Boulter, D 087254
Bouquet, A 087494
Bourdet, A 083529
Bourghida, A 082783
Bourgogne, J 090443
Bourne, M C 082812
Bourodimos, E L 091983
Bourodimos, E L 092430
Bout, D 087189
Bouton, P E 083467
Bouvet, Y 090820
Bovee, K C 085612
Bowden, J 090953
Bowden, J 090954
Bowden, J 091027
Bowen, G D 091537
Bowers, J A 082957
Bowers, J L 088587
Bowers, T M 085984
Bowland, J P 084146
Bowland, J P 084147
Bowland, J P 084488
Bowland, J P 084489
Bowland, J P 084497
Bowland, J P 084498
Bowland, J P 084499
Bowland, J P 084500
Bowland, J P 084506
Bowland, J P 084507
Bowler, P A 086573
Bowler, R R 082111
Bowling, A C 086720
Bowman, C C 092220
Bowman, D R 087894
Bowman, G L 084578
Bowman, G L 084579
Bowman, M C 084586
Bowman, M C 090245
Bowman, M C 090251
Bowman, M C 090350
Box, C O 088826
Box, P G 085095
Boyazoglu, J G 084003
Boyce, S 092423
Boyd, C E 086667
Boyd, C E 087235
Boyd, J B 090505
Boyd, R J 082156
Boyd, R J 086086
Boyer, A C 090347
Boyer, J 087321
Boyer, J S 087545
Boyer, J S 087546
Boyland, D E 086690
Bozarth, A J 085634
Boze, H 087634
Bozkurt, A Y 086157
Bozo, S 084884
Braathen, H 086202
Brabant, V 084179
Brabec, S 087185
Brabec, S 088938
Brabender, M 083559
Braca, G 085600
Bracchi, J 090523
Bracht, T J 083184
Braden, T D 085008
Braden, T D 085637
Bradford, G R 092319
Bradley, R M 084864
Bradnock, W T 089448
Bradnock, W T 089449
Bradway, D E 090346
Brady, L R 087441
Brady, T 086746
Brady, U E 090569
Braekman, J C 087521
Brailow, A 083820
Bramlage, W J 088052
Bramlage, W J 088163
Bramlett, D L 086088
Brammanis, L 090163
Brand, A 084867
Brand, S S 082036
Brander, T 092441
Brandon, D M 089062
Brandt, C S 089505
Brandt, C S 092372
Branen, A L 082943
Branen, A L 083282
Brankov, K 084355
Brankov, K 084359
Brankov, K 085801
Brankovic, M 082998
Branson, R L 092318
Brar, S S 088494
Braschler, C 082501
Brasher, E P 089554
Brasmer, T H 085037
Brasmer, T H 085038
Brasmer, T H 085039
Brasmer, T H 085043
Brasmer, T H 085631
Brass, W 085669
Brassard, G R 086430
Brassinne, M 085222
Braude, R 084460
Braude, R 084562
Brauer, H 091331
Brauer, R 090850
Braun, A J 089386
Braun, A J 089387
Braun, B 083497
Bravdo, B 088166

Brawn, R I 087068
Brawner, O L 089998
Braybrook, L H 091100
Brazier, J D 086126
Brcak, J 089407
Breach, R A 084229
Brecht, P 083700
Brecht, W 086208
Brecht, W 092416
Bredmose, N 088921
Bredow-stechow, W 086046
Breeze, V G 092389
Bregazzi, J A 082262
Brehde, L 086118
Breider, H 082028
Breider, H 085874
Breil, D A 086418
Breirem, K 085713
Breitschuh, G 091857
Brekke, J E 083741
Brekke, J E 083773
Bremer, L 086422
Bremner, A S 085514
Brenburda, J 092043
Breniere, M 089857
Brenna, H K 082573
Brennan, J M 090977
Brennan, J M 090978
Brenoe, P T 086095
Brentjes, B 089765
Brestansky, I 085763
Breternitz, R 091802
Breth, F E 082000
Breth, F E 091266
Bretheau, H 085490
Breton, J 087253
Bretschneider, F 091858
Bretschneider, H 092178
Brett, C H 090056
Brettell, R D 086515
Brettell, R D 086527
Brettell, R D 086528
Brettell, R D 086529
Brettell, R D 086530
Brettell, R D 086532
Brettell, R D 086533
Brettell, R D 086534
Bretthauer, R K 087270
Breuning, S 090901
Breuning, S 090902
Brevedan, G 087678
Brewer, R N 085676
Bria, N 091421
Brian, P W 089045
Briber, K A 087849
Brice, S A 083355
Bridbord, K M 092380
Bridge, B J 091746
Bridge, B J 091984
Bridge, R R 086892
Bridge, R R 086904
Bridge, R R 088461
Bridges, R G 090682
Brieger, F 088344
Brieger, G 090749
Briffault, G 085659
Briggs, D E 087823
Briggs, R W 087069
Bright, J E 087712
Brignon, G 084154
Bringe, A N 084856
Brinker, W O 085011
Brinker, W O 085623
Brinker, W O 085624
Brinker, W O 085637
Brinkhorst, W 091256
Brinsfield, T H 084572
Briscoe, C B 086089
Briskman, L I 086339
Bristol, P W 082641
Britt, J H 084928
Brittain, P 084302
Britton, H G 084099
Brix-Pedersen, C 086297
Brix-Pedersen, C 086298
Brncic, D 090427
Broad, T E 084089
Broadhead, D M 087731
Broadhead, D M 088534
Brock, J H 085374
Brock, T D 091517
Brocklehurst, K 083712
Brocklesby, D W 090283
Broda, R 082503
Brodo, I M 086409
Brokensha, D 091106
Bronner, R 090102
Bronsch, K 084620
Brooke, C L 082936
Brooke, H 088611
Brooker, I 086358
Brooker, I . 086359
Brooker, I 086360
Brooker, I 086361
Brooker, I 086362
Brooker, I 086363
Brooker, I 086364
Brooker, I 086365
Brooker, I 086366
Brooker, I 086367
Brooker, I 086368
Brooker, I 086369
Brooker, I 086370
Brooker, I 086371
Brooker, I 086372
Brooker, I 086373
Brooker, I 086378
Brooker, I 086379
Brooker, I 086380
Brookes, V J 090649
Brooks, D H 089035
Brooks, J F 088828
Brooks, J R 085726
Brooks, M 088692
Brooks, M 088751
Brooks, R R 087688
Broome, J R 090268
Brough, E M 085647
Brouzes, R 091519
Browder, L W 090536
Brower, J H 089896
Brower, J H 090184
Brower, J H 090194
Brower, J H 090200
Brower, J H 090203
Brower, J H 090204
Brower, J H 091271
Brown, A L 083484
Brown, C A 082143
Brown, C A 082247
Brown, C A 083965
Brown, C A 083966
Brown, C G 086440
Brown, C G D 090297
Brown, C J 084213
Brown, C J 084214
Brown, C J 084843
Brown, C L 086723
Brown, C S 092398
Brown, D 082120
Brown, D G 084156
Brown, E G 082944
Brown, E G 084535
Brown, E H 090597
Brown, F 085395
Brown, F 091172
Brown, G A 089896
Brown, J 083110
Brown, J E 084213
Brown, J E 084214
Brown, J E 084843
Brown, J E 088721
Brown, J E 088732
Brown, J H 086091
Brown, J J 090685
Brown, J R 088594
Brown, J T 086346
Brown, K 088120
Brown, K J 087727
Brown, K R 088473
Brown, K W 088045
Brown, L R 082402
Brown, M E 089170
Brown, M E 091690
Brown, M R 081903
Brown, N M 090590
Brown, P R 089138
Brown, P W 087891
Brown, R H 087254
Brown, R M 092206
Brown, R T 089921
Brown, S A 087478
Brown, S A 087513
Brown, S J 086708
Brown, S W 090625
Brown, S W 090630
Brown, W L 087943
Brown, W L 088811
Brown, W V 088321
Browne, E 082631
Browning, W 082602
Bruce, D L 089919
Bruce, J G 082157
Bruce, L A 084221
Bruckner, G 084887
Bruckner, H 085919
Bruel, F T 085885
Bruel, M 082640
Bruere, A N 084954
Bruggemann, J 084364
Bruggemann, J 085179
Bruhn, H D 089653
Brummer, J M 083058
Brunelli, A 089803
Brunet, H 083485
Bruneton, J 087494
Brunk, M E 082441
Brunner, A 085518
Brunner, D 089488
Brunner, D R 092266
Brunner, T 088103
Brunoli, A 082525
Brunoli, A 083502
Bruns, V F 089736
Brupbacher, R H 091656
Brupbacher, R H 091930
Bruschi, E 082055
Bruschweiler, W 090841
Bruschweiler, W 090842
Brusco, A 084894
Brushaber, J A 086736
Bry, R E 090185
Bryan, E R 091243
Bryan, J H 090776
Bryan, J H 090777
Bryant, P J 090533
Bryndum, H 085811
Bryndum, H 088984
Bryner, J H 085247
Bryniak, N 087330
Brynmor, 085813
Bublinec, E 091662
Bublinec, E 091664
Buchanan, G A 089646
Buchanan, G A 090468
Buchanan, M L 084650
Buchanan, T F 085728
Buchel, K H 089759
Buchenauer, H 089169
Buchenauer, H 089221
Buchhaupt, K 082925
Buchvald, J 085176
Buchwald, N F 086292
Buchwald, N F 086445
Buchwald, N F 086447
Buchwald, W 084693
Buck, J T 082658
Buckner, J S 087948
Bucko, A 082979
Bucko, T 084288
Bucks, D A 088489
Buclon, F 088564
Buczacki, S T 089015
Buczek, J 087311
Buczek, J 087316
Budan, G 087863
Budd, T W 087550
Budnik, M 090427
Budowski, P 084261
Budtz-olsen, O E 084075
Buening, G M 085309
Bugbee, R E 090964
Buhagiar, R W M 086405
Bukhantsov, V A 083588
Bukinac, S 084715
Bukovac, M J 087932
Bukvaj, J 084457
Buldini, F 091251
Buley, V F 086254
Bull, A T 089168
Bull, A T 090370
Bull, D L 089909
Bull, M 090467
Bullard, T L 085504
Bulliere, F 090709
Bullock, S 084790
Bulow, M V Von 087526
Bunce, H 092432
Bunnell, F 091534
Bunting, A H 082912
Burakowski, T 086226
Burch, G R 084992
Burden, E M 087968
Burden, H W 084044
Burdett, B M 083506
Burdin, S 091486
Burdin, X 091487
Buren, J van 083793
Burg, S P 083744
Burgaard, E 089059
Burger, D 085578
Burger, D 085579
Burger, D W 086193
Burger, W C 086523
Burger, W C 087833
Burgess, G W 085256
Burghardt, P 088654
Burgos, J 087476
Burgstaller, G 084512
Burian, J 082540
Burian, O 082169
Buriff, C R 090033
Burk, R F 082992
Burke, D E 088286
Burke, J A 082696
Burke, J A 083024
Burkhardt, T H 083728
Burkitt, F H 083573
Burley, T M 082652
Burmester, A 086156
Burnell, J N 087965
Burnell, J N 087966
Burnett, J 084103
Burnham, C R 087020
Burnham, C R 087021
Burnham, C R 087022
Burnham, C R 087024
Burnham, C R 087025
Burnham, C R 087026
Burns, R M 088596
Burns, S J 085504
Burr, R C 083667
Burridge, M J 085223
Burridge, M J 085596
Burroughs, J N 085395
Burroughs, W 084412
Burrows, C R 092155
Burrows, W H 087907
Burt, J K 085024
Burt, J K 085026
Burt, L S 086301
Burtch, L M 088514
Burton, H 083309
Burton, R F 090489
Burtseva, L I 089835
Burwieck, J 091885
Burychenko, G M 090824
Busareva, N N 083589
Busch, R D 085726
Busch, W 084889
Busek, M 085286
Buss, M 086037
Busse, G 083413
Bussian, P 085757
Busuulwa, L N 086917
Butanescu, G D 083755
Butenko, R G 087400
Butler, D 085637
Butler, E A 082787
Butler, L C 082909
Butler, W L 087194
Butnaru, R 086115
Buttenshaw, R 084641
Butterfield, B G 086785
Butterfield, R M 085422
Butterfield, W K 085266
Butterworth, B 082108
Butterworth, B 082260
Butterworth, B 088446
Butterworth, F M 090711
Buttery, R G 083778
Buttle, H L 084104
Buttle, H L 085063
Buttrose, M S 088224
Butts, W T 084213
Butts, W T 084214
Butts, W T 084843
Buxkemper, W E 089909
Buyalski, C P 092158
Buzdor, A 082091
Buzdor, A 092014
Bylterud, A 089641
Byrd, T 088894
Byrd, T 090380
Byrde, R J W 089013
Byrdy, S 089770
Byrne, A R 087352
Byszewski, J 086218
Byszewski, W 089252
Cabart, J 091665
Cable, C C 082455
Cable, C C 083831
Cabras, P 083750
Cadete-Leite, A 084043
Caggiano, A F 089151
Cagle, A 090351
Cagna, D 083107
Cahagnier, B 083530
Cahill, V R 084215
Cahill, V R 084573
Cail, R S 090185
Cain, J D 084647
Cakars, E 086188
Calavan, E C 088610
Calavan, E Cc 088609
Calcinardi, C 083400
Caldarola, P C 090744
Calder, F W 087718
Caldwell, J L 091603
Calimeri, M 083638
Calisher, C H 090281
Caljon, A 086385
Call, F 090320
Callahan, P X 084167
Callebaut, M 084182
Callow, J A 087341
Callow, M E 087341
Calloway, D H 082908
Calov, J 090732
Calva, E 084125
Calvayrac, R M 087562
Calvert, O H 089200
Calvo, M 084431
Calzolari, C 082772
Camenzind, R 090621
Camerin, M 082488
Cameron, A F 087349
Cameron, E A 090132
Cameron, J W 083715
Camicas, J L 090264
Camicas, J L 090981
Camicas, J L 090982
Camm, E L 088141
Cammarano, P 087280
Camp, B J 085794
Campana, R J 089149
Campana, R J 089444
Campanini, M 082776
Campbell, C G 088005
Campbell, J B 090276
Campbell, J M 090925
Campbell, J M 090949
Campbell, J R 084111
Campbell, R K 086069
Campbell, R L 090132
Campbell, R M 084205
Campbell, W C 085400
Campbell, W F 089497
Camper, H M 088498
Camper, N D 089754
Campisi, S 083091
Campisi, S 083749
Canale, G 082850
Canale, G 090208
Canarache, A 092238
Cancel, L E 082983
Cancellotti, F 085248
Canfield, E R 086354
Canfield, R V 089606
Canham, W D 087718
Canji, A 083057
Cankovic, M 090290
Cannell, M G R 088947
Cannell, R Q 087603
Cannizzaro, A M 083673
Canonica, L 090634
Canovas Martinez, I 089000
Canovas Martinez, I 089996
Cantagalli, P 083500
Canter, R 090537
Cantliffe, D J 088003
Cantoni, C 083399
Cantoni, C 083401
Cantoni, C 083510
Cantoni, C A 083400
Cantrell, S E 084590
Cantu, E 089962
Capen, B M 088693
Capen, B M 088719
Capen, B M 088756
Capener, A L 090956
Capener, W N 082277
Capener, W N 084651
Caperci, B 088583
Capesius, I 087631
Caplan, A I 084249
Capolupo, P 089690
Cappelletti, C A 088343
Cappelletti, C A 091813
Capps, K C 090650
Caprio, J 086677
Caproiu, M 091417
Capron, A 087189
Capstick, D F 082204
Caputi, A 083708
Carauta, J P P 087604
Carawan, R E 092223
Carawan, R E 092402
Carbone, G 082605
Carcia-Torres, L 088184
Cardinale, E 083179
Cardon, D 091688
Cardone, M 082556
Cargill, C F 085307
Cargill, C F 085308
Cargill, C F 085309
Carinci, P 084250
Carini, S 083334
Caristi, C 087388
Carithers, R W 085685
Carithers, R W 085686
Carle, G A 088716
Carles, J P 089997
Carles, R 082215
Carleton, A E 088460

Carlisle, H J 084267
Carlisle, H J 084268
Carlson, D E 082944
Carlson, D E 084535
Carlson, E C 089858
Carlson, I T 086905
Carlson, I T 086906
Carlson, L W 088255
Carlson, P S 087158
Carlson, P S 089325
Carlson, W R 086887
Carlsson, J 083712
Carmichael, D 084310
Carmichael, E 088050
Carmichael, J S 082548
Carmo, A T 082532
Carnegie, A J M 089945
Carneiro Filho, J J 082950
Carneiro Filho, J J 083290
Carner, G R 090039
Carnes, D 089183
Carnes, D 089238
Carney, W P 090263
Carney, W P 090980
Carolin, R C 086725
Carpenter, P N 092398
Carpenter, R H 085036
Carpenter, W J 083702
Carpenter, Z L 083455
Carpenter, Z L 083472
Carpi, G 082777
Carpi, G 083108
Carr, C E 091597
Carr, D J 089853
Carr, P M 084695
Carranza, R L 089910
Carrea, G 084793
Carrier, S P 085311
Carrig, C B 085755
Carse, W A 083460
Carter, G 091077
Carter, G E 088986
Carter, G E 091491
Carter, H O 092093
Carter, M W 087094
Carter, P 085392
Caruolo, E V 084230
Carvalho, A R de 082782
Carvalho, R L De 084915
Carvell, K L 089601
Carvell, K L 092306
Carver, R B 089129
Cary, P R 088047
Casarina, B 089508
Casarini, B 089098
Casarini, B 089507
Casarini, B 089509
Casciano, D A 087231
Case, A A 084335
Case, A A 085800
Casellato, M M 084793
Caselli, R 082334
Caserea, V 087863
Casida, L E 084840
Casida, L E 091645
Casilli, O 090095
Casillo, R 083285
Casnati, G 087386
Caso, O H 089746
Casolari, A 082776
Cassens, R G 084207
Cassens, R G 084217
Cassidy, J C 082816
Cassidy, J C 083795
Cassier, P 090715
Castagnoli, T 082095
Castaing, J 082551
Castano, L 083182
Castanon-Velez, M 082844
Castelfranco, P A 087961
Castrelos, O D 085345
Catalfamo, J L 087849
Catanescu, V 091970
Caten, C E 086931
Catinelli, M 085172
Cattaneo, P 083401
Cauvin, C 081990
Cavaletto, C G 083741
Cavaletto, C G 083773
Cavallone, E 084062
Cave, A 087494
Cavill, G W K 090466
Cavins, J F 082961
Cawdery, M J H 083947
Cedell, T 088515
Celestre, M R 086977
Celo, B 089020
Celton, J 091485
Cemal, T 082473
Cembalo, A 082196
Cembalo, A 082642
Cena, K 090845
Cepel, N 086029
Ceponis, M J 089226
Cerda-Olmedo, E 087099
Cere, L 083027
Cermak, J 087979
Cermakova, D 090430
Cerne, F 084386
Cernic, M 084985
Cernik, K 085559
Cernikova, E 084962
Cerny, A 089019
Cerny, A 089030
Cerven, J 084347
Cescas, M P 091550
Ceska, O 087798
Cetas, R C 086856
Cetas, R C 088580
Chabert, F de 091582
Chaboussou, F 089997
Chabrolin, M 089618
Chadenson, M 088296
Chadha, B M 082635
Chadli, A 082783
Chadov, B F 090825
Chadwick, D G 092278
Chahal, A S 089079
Chahal, B S 089944
Chakladar, B P 088551
Chakrabarti, D K 090864
Chakrabarti, R L 084552
Chakrabarti, R L 085679
Chakraborty, A K 088380
Chakraborty, D P 087539
Chakraborty, T 088372
Chakravarty, K 088553
Chakraverti, B P 089088
Chalfant, R B 090030
Chalidze, F N 086657
Challey, J R 085405
Challis, J R G 084859
Chalutz, E 088156
Chalutz, E 091253
Chamayou, H 091579
Chamayou, H 092024
Chamberlain, K W 085614
Chamberlain, W F 090250
Chambers, D L 090028
Chambers, D L 090032
Chamorro M, B 091721
Champeau, H C 082385
Champion, F J 086260
Chan, H H 087537
Chan, H T 083773
Chan, K C 088181
Chan, T D 090941
Chan, Y H 089025
Chance, L H 082885
Chancey, G 089992
Chander, H 083321
Chander, H 083782
Chandler, P J 090910
Chandler, R L 085290
Chandra, J P 088269
Chandra, P 089789
Chandrasekaran, K P 085368
Chandrasekera, L B 082466
Chandrasekera, L B 088973
Chandrasekhara, H N 082955
Chandrasekhara, M R 082955
Chandrasekhara, N 083784
Chandrasekharan, N R 088376
Chandravadana, P 087011
Chandravanshi, B R 091867
Chandrika, S 089763
Chandsigaud, J 090461
Chanet, M 083568
Chang, A C 092318
Chang, C C 087027
Chang, C S 083678
Chang, J Y 084054
Chang, L T 087227
Chang, T C 089860
Chang, T C 090934
Chang, Y S 088086
Chankotadze, I S 086827
Chano, M 091632
Chantraine, J M 087523
Chantret, F 091478
Chao, J 090720
Chaplin, J F 087892
Chaplin, M H 088122
Chaplin, M H 088863
Chaplin, M H 091960
Chapman, A B 084840
Chapman, A B 084842
Chapman, D G 082617
Chapman, H M 084954
Chapman, H R 083316
Charan, K 085678
Charanasri, U 086350
Chargaff, E 084293
Chari, S S 085359
Chari, T S K 082271
Charles-Edwards, D A 088178
Charlton, F G 092176
Charlton, W A 086740
Charlton, W A 086741
Charpentier, A 089595
Charriere, Y 087490
Chartrand, S L 084164
Charudattan, R 089658
Chassang-Douillet, A 087634
Chastain, C B 085381
Chatel, D L 087885
Chatel, D L 087886
Chatel, D L 087887
Chatper, H S 083690
Chatterjee, A 086788
Chatterjee, A C 082938
Chatterjee, D K 089893
Chatterjee, G C 084260
Chatterjee, S K 088194
Chatterjee, S N 090508
Chatterji, S C 089093
Chatterji, U N 087402
Chattopadhyay, N C 088409
Chattopadhyaya, D P 081931
Chaturvedi, K N 088188
Chaturvedi, M L 084203
Chaudhary, K C B 089270
Chaudhry, A L 084188
Chaudhry, F M 087857
Chaudhry, M I 090763
Chaudhuri, B B 087760
Chaudhuri, R K 087522
Chauhan, A M 085931
Chauhan, H V S 085566
Chauhan, P P S 085350
Chauhan, P P S 085355
Chauhan, R K S 087757
Chaurasia, B D 088780
Chaussade, J 091342
Chaussidon, J 091616
Chawla, R S 085683
Chawla, S S 090189
Chazaro L, S 083919
Cheatham, J S 090657
Chebotina, M IA 091568
Cheek, E 088398
Cheeke, P R 084262
Cheeseman, G C 083304
Cheetham, G E 088465
Chehata, A 086210
Chekishev, V M 085502
Chela, K S 088490
Chela, K S 088493
Chela, K S 088878
Chelkowska, Z 083483
Chelkowski, J 083654
Chellappa, M 087664
Chellappan, K 082519
Chellappan, K 088310
Chelly, H 089729
Chelmonska, B 084898
Chelmonska, B 084899
Chemak, J A 090923
Chen, C H 087232
Chen, H C 085757
Chen, J H 085245
Chen, J Y T 083867
Chen, L H 084259
Chen, S 087028
Chenborisova, G S 084254
Cheng, H H 089966
Cheniae, G M 087474
Chenouda, M S 087636
Chenouda, M S 087637
Cheon, J 086242
Chernaia, M A 087884
Chernyi, I V 087884
Cherry, J P 082951
Cherry, J P 082952
Cherry, J P 083597
Cherry, J P 087829
Chesney, H A D 091992
Cheung, D S M 088994
Chevalier, H J 085764
Chevallier, R 081988
Cheyney, C 083700
Chhabra, H K 089469
Chheda, H R 091845
Chi-yen, S 090677
Chiang, C 091509
Chiang, H C 089918
Chiang, H C 090053
Chiang, K S 086764
Chiang, K S 090632
Chiba, O 089112
Chicco, C F 084589
Chichester, C O 087511
Chichester, C O 087512
Chichkov, D 092159
Chikaishi, T 088430
Childers, N F 088680
Childers, N F 088830
Childers, N F 088875
Childs, E A 082964
Chilton, B S 090464
Chimphamba, B B 086728
Chin, C K 088126
Ching, T M 087952
Chinnadurai, G 089096
Chinnamani, S 092045
Chinnappa, C C 086824
Chipley, J R 084257
Chipman, E W 087999
Chipman, E W 091548
Chippendale, G M 089927
Chippendale, G M 090685
Chippendale, G M 090702
Chirife, J 083144
Chirita, C D 085962
Chism, J F 088461
Chizhova, S I 087746
Chkanikov, K I 089635
Chloupkova, V 084724
Chmulev, V M 088035
Cho, B R 085275
Cho, Y S 089315
Choay, P 087592
Chockalingam, P 085827
Chod, J 087156
Chod, J 087186
Chod, J 089403
Chod, J 089404
Chod, J 089431
Chohan, J S 088780
Chohan, J S 089244
Chohan, J S 089398
Choi, W P 085410
Chojnowski, W 085182
Chomyszyn, M 084314
Chomyszyn, M 084688
Chon, S K 088280
Chone, E 088500
Chong, M A 083666
Chopin, J 088296
Chopra, D P 088778
Chopra, H R 088888
Chopra, H R 092243
Chopra, R N 087308
Chopra, R N 087630
Chopra, S L 083610
Chopra, V L 090528
Chornyi, I V 087750
Chorvathova, V 084347
Chou, T W 087234
Chouard, P 087288
Choudary, P N 088394
Choudary, P N 091863
Choul, M 090889
Chourey, P S 082499
Chow, C K 084603
Chrappa, V 084347
Chrenek, J 084306
Chrenek, J 084669
Chrisman, C L 085006
Chrisman, C L 085770
Chrispeels, M J 087682
Christ, E G 088727
Christ, E G 088830
Christensen, A 084663
Christensen, D S 084847
Christensen, J V 088922
Christensen, L 081983
Christensen, N L 087590
Christensen, O V 088923
Christenson, C L 083958
Christenson, C L 085089
Christenson, J A 089201
Christersson, L 088300
Christian, K R 084509
Christian, L L 084216
Christie, B R 086991
Christmas, R B 084462
Christopher, J 083979
Christopher, J 085672
Christopher, J 090239
Christophersen, E 090986
Christopherson, R J 084145
Christopherson, R J 084149
Christopherson, R J 084150
Christopherson, R J 084152
Christov, C 092140
Christov, C 092166
Chu-Wang, I W 090723
Chu, A 089675
Chu, C H 088359
Chu, C H 091327
Chua, M G S 083584
Chuck, R T 091259
Chudgar, A 083313
Chudy, A 084508
Chujo, T 083803
Chujo, T 083804
Chung, B J 086243
Church, K 086970
Church, K 090629
Chute, M B 085279
Ciafardini, H 081987
Ciagett, C O 083499
Cibulka, J 084453
Cibulka, J 084455
Cicala, G 082900
Ciegler, A 083855
Ciegler, A 085771
Cierniak, A 082165
Cifka, V 088935
Ciocan, C 083758
Cioni, L 082969
Ciosek, D 085482
Cipollo, D 087275
Cirilli, G 083633
Cironeanu, I 083512
Cironeanu, I 085082
Cisar, C F 085093
Cistaro, C 087387
Ciszewska, R 089683
Citu, D 082172
Ciusa, W 082948
Ciusa, W 083027
Civille, G V 083153
Claisse, M L 087562
Clanet, H 089638
Clanet, H 092027
Clare, K E 091732
Clare, S I 086252
Clark, A M 090533
Clark, C R 084470
Clark, H E 082906
Clark, H E 084598
Clark, J A 090845
Clark, J F F 092143
Clark, J H 084235
Clark, J R 084840
Clark, Jd'a 086255
Clark, M G 090475
Clark, R B 088690
Clark, R P 089661
Clark, R P 090330
Clark, W A 084000
Clarke, E G C 085785
Clarke, G M 089013
Clarkson, D T 086818
Clarkson, T W 090383
Claude Marenaud, J E 089329
Clausen, G 088919
Clausen, O G 082778
Clausen, O G 082779
Clausen, O G 083112
Clausen, O G 083113
Clausnitzer, J 091494
Claveleau, P 085496
Clayberg, C D 088726
Claypool, L L 083701
Cleemput, O 091599
Clemens, E T 084597
Clesceri, N L 092422
Cleveland, C 090625
Cleveland, R W 087354
Cline, J H 085689
Cline, R E 090249
Cloninger, M 082750
Cloninger, M 083432
Clore, W J 089736
Close, P G 090695
Clough, G 085094
Coahran, D R 088172
Coale, C W 082479
Coalson, J A 083959
Coalson, J A 085690
Coates, M E 084459
Cobb, B F 082820
Cobianchi, D 088650
Cochard, B 092089
Cochran, D W 087216
Cochran, D W 088151
Cochrane, N J 092193
Cochrane, W P 089449
Cockburn, F 084252
Cockerham, S 089023
Cocking, E C 086809
Cocking, E C 088020
Cocucci, M C 087551
Coe, E H 087029
Coe, E H 087030
Coe, E H 087033
Coe, E L 087353
Coetzee, V V 082934
Coffee, G M 091056
Coffman, J R 085738
Coffman, J R 085800
Cogburn, R R 090194

Coggins, C W 087941
Coggins, C W 088078
Cohan, H J 092141
Cohen, B L 087422
Cohen, D 087436
Cohen, E 090681
Cohen, N M 084099
Coimbra-Filho, A F 085815
Coimbra-Filho, A F 086636
Cojocaru, C 083103
Coker, J R 088521
Colbaugh, P F 089023
Colby, R W 085698
Cole, D F 083532
Cole, D F 083533
Cole, D F 088334
Cole, D F 088335
Cole, E W 083553
Colella, C 087017
Coleman, D C 086653
Coley-Smith, J R 089006
Colhoun, J 089007
Colhoun, J 089017
Collier, 085813
Collin, B 084051
Collin, Y 089022
Collinge, A J 086715
Collings, M R 092255
Collinson, B R 083476
Colln, K 090843
Colucci, L 089686
Combaut, G 087523
Combs, G F 091161
Combs, G F 091162
Comes, R D 089736
Comfort, J E 084832
Comstock, G W 085199
Comstock, J A 090779
Comstock, J C 089188
Comstock, V E 087118
Condon, R J 082797
Conje, A M 086905
Conje, A M 086906
Conklin, F S 082446
Conklin, F S 083899
Conn, E E 087831
Connolly, H J 082378
Connor, M A 084600
Conrad, C E 088535
Constantinescu, T 083577
Constantinides, N J 092116
Constantinides, N J 092131
Constantinidis, C 082489
Conti, G G 089401
Converse, J C 091901
Converse, R H 089380
Conway, S 086274
Cook, C W 084476
Cook, C W 084477
Cook, C W 088362
Cook, E E 086575
Cook, G A 088286
Cook, G H 089614
Cook, J E 082826
Cook, J E 083471
Cook, J E 085774
Cook, J M 088286
Cook, R M 090449
Cook, R M 090450
Cook, R S 082460
Cook, W R 085572
Cooke, B K 089048
Cooke, J R 088077
Cooke, J R 091269
Cooke, R C 087305
Cooke, R C 087306
Cooksey, E J 084211
Coolbaugh, R C 088145
Coolman, F 081916
Coombe, J B 091246
Coombes, L E 090226
Coombs, J 088228
Coons, L B 090261
Coons, L B 090979
Cooper, B A 082907
Cooper, E 090351
Cooper, J E 083970
Cooper, J E 085418
Cooper, J E 085654
Cooper, M D 084122
Cooper, W C 088153
Coorts, G D 088058
Coote, J 084148
Coppedge, R O 082629
Coppejans, E 086386
Coppejans, E 086387
Copping, J R 084200
Corba, J 085556
Corbel, M J 085296
Corbel, M J 085397
Corbet, P S 090484
Corbet, P S 090500
Corbett, R R 084500
Corbett, W M 091753
Coria, M F 085246
Cornejo, D F 086502
Cornel, G 085962
Corner, A H 085564
Cornforth, I S 087858
Cornman, J F 082403
Cornman, J F 088707
Cornman, J F 088708
Cornman, J F 088710
Cornuz, L 086562
Cornwell, R L 085570
Corominas, L F 091810
Corona, E 086174
Corradini, C 083336
Corrivault, G W 090189
Cosbey, E S 090744
Coscaron, S 090892
Cosentino, V 082196
Cosentino, V 082642
Cosseddu, A M 084406
Cosseddu, A M 087661
Cosseddu, E 084406
Cosseddu, E 087661
Costa, F M da 088499
Costache, N 092216
Costea, I 086173
Costin, C R 087373
Costin, J J 088050
Cotchin, E 085294
Cotner, R C 083499
Cottenie, A 091605
Cotter, S M 085212
Cotthem, W Van 086489
Coukell, M B 087342
Coulbois, P 092126
Coulomb, C 088089
Coulter, F C 088724
Coulter, P R 083582
Counce, S J 090584
Coupin, L 089744
Courant, D 084024
Coursier, C 091799
Court, W E 087531
Courtney, A D 089590
Courtney, C H 085403
Coury, A 084915
Cousins, C L 085389
Cousins, R J 085784
Coussio, J D 087534
Coustry, R 082331
Coutant, C C 092459
Couture, R M 089139
Cowan, C B 089964
Cowan, C F 090915
Cowan, J C 083601
Cowan, P J 084118
Cowan, R S 086546
Cowling, D W 087859
Cowling, D W 091692
Cox, E L 089605
Cox, L M 092213
Cox, N A 082811
Cox, R S 088036
Crabtree, G 089647
Crader, K W 082005
Cragg, J 082818
Crahmer, R 091822
Craig, D L 088600
Craker, L E 087839
Cramlet, S H 085021
Cramlet, S H 085035
Cramwinckel, A B 083000
Crandall, P C 089736
Crane, E 091136
Craun, G F 092451
Crawford, D L 082808
Crawford, J L 089546
Crawford, M P 085685
Crawford, R J M 083294
Crawley, J F 085317
Creamer, L K 083357
Creamer, L K 083359
Creech, D L 083697
Creighton, C S 090012
Cremenescu, G 087863
Cremona, T 087327
Crenshaw, D 085692
Crespo, J H 086733
Cress, D 090358
Cretu, I 089708
Crighton, D B 084865
Criley, R A 088051
Criley, R A 088675
Cristensen, G M 092460
Crocker, T E 088679
Crofts, M 089824
Crofts, M 090371
Cromack, K 091506
Crook, E M 083712
Crooks, P 091915
Crookshank, H R 084563
Crosby, F L 089190
Crosby, M R 086283
Crosby, M R 086557
Crosby, S W 090256
Cross, H R 083455
Cross, H Z 086902
Cross, H Z 089296
Cross, M H 084101
Cross, R F 085689
Cross, W H 089913
Cross, W H 089924
Croteau, R 087679
Crouser, D R 085727
Crowden, R K 086720
Crowell, H H 090068
Crowley, J P 084144
Crowley, J P 084767
Crowley, W R 086718
Cruickshank, W J 090683
Cruz, J B De La 092127
Cruz, O E 091562
Csaki, C S 091351
Csercser, P 083083
Csesznak, E 085826
Csoknya, M 090424
Csoma, J 092260
Csorba, Z 088980
Cucullu, A F 082686
Cuena, C 082493
Cuenin, E 083713
Cuesta, M P 084436
Cukor, C W 083074
Culberson, W L 086284
Culjak, K 085537
Cullen, N A 091952
Cullimore, D R 087364
Cumming, M J 084224
Cumming, M J 091918
Cummings, M R 090589
Cummings, M R 090590
Cummins, G B 086354
Cummins, J N 089300
Cundev, D 085539
Cundev, D 085554
Cundiff, L V 084831
Cundiff, L V 084842
Cunha, L V da 092184
Cunningham, E P 084815
Cunningham, G M 087908
Cunningham, H M 082697
Cunningham, J H 092283
Cunningham, J P 084531
Cunningham, P J 084223
Cunningham, P J 084580
Cuperlovic, K 085185
Cuperlovic, K 085187
Cuperlovic, K 085188
Cupps, P T 084855
Curcic, R 084722
Curic, R 085978
Curnow, J A 085251
Curnow, J A 085253
Curnow, J A 085254
Curran, M K 085298
Currie, R W 083514
Currie, R W 083515
Currnow, J A 085252
Curry, R B 087764
Curry, R B 091268
Curtis, C E 090000
Curylo, J 083201
Curylo, J 083202
Curylo, J 091206
Cusack, T J 082629
Cusick, P K 085638
Cutcliffe, J A 091815
Cuthbert, R B 090012
Cutka, I 083723
Cutts, N A 091099
Cvetkovic, A 084360
Cvetkovic, L 085536
Cvetkovic, L 085547
Cvjetanovic, V 085574
Cvjetanovic, V 085575
Cwik, J 083903
Cygan, Z 085485
Cymborowski, B 090705
Cyunel, E 086701
Cywinski, J W 082871
Cywinski, J W 090214
Czajkowska, B 083830
Czaninski, Y 086813
Czapik, R 086698
Czarnowski, M 087312
Czarnowski, M 087315
Czarnowski, M 087317
Czarnowski, M 087320
Czell-Brunner-Stonawski, A 092069
Czuczy, P 083064
D'ambra, V 089104
D'Ambra, V 089250
D'Andrea, F N 082043
D'arca, S U 092228
D'Arce, M M C D 087139
D'Arrigo, V 083538
D'Cruz, R 086974
D'Cruz, R 087151
D'iakov, V 091196
D'Mello, J P F 084466
D'souza, B A 085300
D'Souza, G I 088961
Dabek-Szreniawska, M 091714
Dade, H A 091107
Daebeler, F 088995
Daebeler, F 089852
Daebeler, F 089991
Dagcioglu, A 083704
Dahlhelm, D 090481
Dahmen, G 090022
Dahmen, H 089182
Daines, R H 089151
Dakic, M 082757
Dale, A C 083968
Dale, A C 092392
Dale, A E 091246
Dale, D 089763
Dale, J 088237
Dall'Aglio, G 082777
Dall'Aglio, G 083108
Dalla Torre, G 082773
Dallai, R 090717
Dalleinne, E 091343
Dalli, A 089304
Dalli, A 089305
Dalli, A 089311
Dalmacio, S 089210
Dalpke, H L 086208
Dalpke, H L 092416
Dalschaert, X 092419
Daly, K 087129
Dam, A 085666
Dam, H 084729
Damagnez, J 091580
Damas, C de 086058
Dambre-Raes, H 089993
Dambroth, M 088798
Dambroth, M 091926
Dameron, F 084022
Damiano, A 089135
Damiano, A 090045
Damluji, S F 090383
Dammann, H J 088855
Dammrich, K 084086
Damodaran, A 086862
Damodaran, S 085368
Damron, B L 084462
Dan, A 082870
Dan, V 083575
Dancey, R J 082121
Dancis, B M 090718
Danglot, C 085180
Dani, E 088345
Daniel, J M 082909
Danielian, S G 091199
Danielova, V 090439
Daniels, L B 084590
Daniels, L B 084594
Daniels, L B 085645
Daniels, L J 084440
Danielson, J A 092274
Danielson, R 087952
Danilova, A I 083765
Danilow, M 083621
Dankov, T 087073
Dankov, T 087079
Dankov, T 087083
Dankov, T 087087
Dankov, T 087091
Danks, H V 090500
Dantuma, G 088443
Dapples, C C 090599
Darab, K 091613
Darabos, I 092020
Daraseliia, N A 092060
Darby, G 089347
Darbyshire, J F 087466
Darchen, R 090462
Dardiri, A H 085266
Dargan, K S 087403
Dargan, K S 091632
Darge, P 091040
Darias, J 087610
Darias, J 087615
Dark, F A 085398
Darling, H S 082023
Darlington, J 088766
Darra, B L 087860
Darsie, R F 090997
Dartey, C K 083298
Das, B 091635
Das, B 092204
Das, D K 091635
Das, D K 092204
Das, G P 085681
Das, L D V 086782
Das, N M 089849
DasGupta, B R 082878
Dasiuk, O P 084967
Dasmann, R F 092393
Dass, H C 088076
Dastane, N G 083753
Dastur, N N 083321
Dastur, N N 083782
Datey, C D 082224
Datta, A C 084209
Datta, K K 089789
Daubeny, H A 088598
Daubeny, H A 089026
Daugherty, S 083910
Daugherty, S 089288
Daughtrey, Z W 091749
Daulay, H S 091862
Daumal, J 090420
Davenport, D G 084648
Davey, C 085388
Davey, C 090244
Davey, C L 083470
Davey, K G 089784
Davey, R J 084581
David, R 083086
Davidek, J 089821
Davidson, B 092357
Davidson, B R 081945
Davidson, J W 085070
Davidson, R M 089236
Davidson, W J 090520
Davidson, W J 091121
Davies, A 087773
Davies, D D 086805
Davies, E T 085509
Davies, G J 089750
Davies, H L 084444
Davies, P I 091521
Davies, P J 087302
Davis, B 087544
Davis, D D 086902
Davis, D D 089296
Davis, D L 087898
Davis, D L 089726
Davis, H R 091949
Davis, J B 085824
Davis, J G 083276
Davis, J H 091930
Davis, J R 084353
Davis, J R 084719
Davis, J W 089964
Davis, M A 082237
Davis, R M 084098
Davis, S L 084137
Davis, W 085579
Davis, W C 085202
Davis,w E 086275
Davison, A D 089236
Davison, A W 089475
Davydov, V D 091699
Dawson, E M 089913
Dawson, J H 089736
Dawson, J R 089908
Dawson, M C 084089
Dawson, N M 091767
Dawson, W O 089419
Day, A 083833
Day, A 090031
Day, B N 084836
Day, B N 084844
Day, B N 084845
Day, J W 090623
Day, P R 087121
Day, P R 087848
Day, P R 091829
Dayal, R 092021
Dayton, A D 085633
Dazzi, G 083445
De Baca, B 084880
De Battisti, P 082901
De Battistis, P 082900
De Benedictis, M 082196
De Carlo, G 086113
De Cleene, M 087286
De Fabritiis, C 082141
De Fossard, R A 087292
De Haen, H 081890
De Haen, H 082517
De Hertogh, A A 088060
de Jong, W H R 084867
De Lyzer, A J 090138
De Marchena, E S 083790
De Michelis, F 090302

De Montis, S 091248
De Ruvo, A 086118
De Serres, F J 087106
De Vos, F 087395
De Vries, O M H 087423
De Wrachien, D 091250
Deacon, J W 089011
Deal, S L 090693
Dean, G J W 089907
Deane, J 086439
Deans, R J 084900
Dear, J 083721
Dearborn, D D 084831
Deas, A H B 087518
Deas, D W 085565
Deatherage, W L 082961
Debnath, P K 087555
Debon, E 086561
DeBoodt, M F 091891
Debruck, J 088371
Debruck, J 089476
Debry, G 084162
Dechary, J M 082951
Deckard, E L 086903
Deckler, H 089445
Decourt, N 085958
Dedic, P 089406
Dedul', F A 086963
Defilippis, J 082022
Degen, J L 088675
DeHaas, B W 083551
Dehne, F 086880
Dehne, J 086881
Dei, Y 088438
Dei, Y 091655
Deichmann, W 082326
Deininger, R A 092206
Deist, J 091585
Deize, G 090886
Dejmal, J 086109
Dekker, J 089050
Dekker, R F H 084119
Dekle, G 090008
Dekle, G W 090011
Del Bosco, G F 088786
Del Turco, N R 085835
Del Vecchio, V 092229
Deleau, J de 082639
Deleurance, S 090414
Delevoryas, T 086564
Delfos, M J 090991
Delgadillo M, C 086410
Delgadillo M, C 086732
Delianidi, L 091197
Delibaltov, I 092166
Delic, I 084722
Dell, T R 085915
Dellaglio, F 082840
Delseny, M 088174
Deluca, H F 084856
Deluca, H F 084857
Delver, P 092003
Demaimay, 083706
Demakopoulos, P 082296
Dembizkij, A D 083172
Demertzes, P N 084530
Demertzes, P N 085675
Demeter, A 087850
Demidenko, V P 088240
Demin, V A 086121
Deml, I 086389
Deml, M 087979
Dempsey, E 087078
Dempsey, E 087080
Dempsey, E 087081
Dempsey, J N 082320
Dempster, J P 090020
Dempster, L T 086542
Denamur, R 084741
Denamur, R 084742
Dendaletche, C 086632
Dendy, J S 090541
Deneke, W A 084836
Denisenko, IA I 083589
Dennett, D P 084071
Dennett, D P 084776
Dennett, D P 084777
Dennis, C 086405
Dent, J B 082123
Denton, R E 090166
Deo, S 084198
Deokar, A B 086974
Deokar, A B 087151
Deol, I S 083832
Derby, R I 083545
Derise, N L 082905
Derrig, R G 084235
Desai, 091338
Desai, B G 086591
Desai, B M 082137
Desai, D H 083843
Desai, R T 084197
Desai, S M 085393
Deschka, G 090894
Deshmukh, D R 085200
Deshpande, A L 089147
Desires, A 084158
Desmarchelier, J 090191
Desnoyers, F 084021
Despaigne, J R 084452
Despaigne, J R 084454
Dethier, B
088833
Dethioux, M 086625
Deunff, Y L 087191
Dev, G 088028
Dev, G 091868
Dev, S 088303
Devai, G 088102
Devai, G 091180
Devdariani, T V 088208
Devendra, C 084709
Devin, A B 087164
Dewaele, A 085222
Dewan, R K 083313
Dewan, R S 089903
Dewan, R S 090340
Dewandel, J Y 087644
Dewar, W A 084467
DeWitt, W F 085664
Dey, B K 088071
Deyoe, C W 083549
Deyoe, C W 084548
Dhahir, H I 090383
Dhamani, B C 091270
Dhar, D P 082601
Dharkar, S D 083692
Dharmaputra, T S 091930
Dhennin, L 085181
Dhillon, S S 085367
Dhindsa, K S 087685
Dhingra, K L 089344
Dholaria, S J 091910
Di Berardino, D 082173
Di Berardino, D 083994
Di Sandro, G 082073
Diankov, V. I. 091458
Dias, M S 089324
Dickens, R 089646
Dickerson, G E 084831
Dickinson, C H 089004
Dickinson, D B 087976
Dickinson, H G 086769
Dicks, J W 088178
Diczki, U 082676
Diehl, J F 083212
Diehl, J F 083227
Diehl, J R 084845
Diem, H G 087331
Diener, R G 091476
Diener, T O 089415
Dierickx, P J 088290
Dietrich, R A 082299
Dietrich, W C 083790
Dietz, A 090578
Dietz, A 091127
Dietz, A 091128
Dietz, A 091139
Dietz, A 091142
Dietz, A 091155
Dietz, W 083948
Dietz, W 091245
Dijk, A D van 091470
Dijk, G E van 087174
Dijkstra, J 089355
Dikshit, A P 088635
Dikshith, T S S 089789
Dilgo, J 084258
Dillar, E F 091913
Dillon, J 091225
Dils, R 084229
Dimetry, N Z 090094
Dimetry, N Z 090814
Dimian, C 091427
Dimic, R 082998
Dimitriu, C N 082587
Dineen, J K 085261
Diner, B 087273
Diner, B 087274
Dingeldein, W 085522
Dingle, J G 085259
Dinius, D A 084572
Dinusson, W E 084650
Dirr, M A 088128
Dishington, I W 085673
Dissescu, R 086064
Ditmer, W P 083531
Ditmer, W P 087672
Ditmer, W P 087673
Dittert, P 091278
Ditzler, P H 091359
Ditzler, P H 092168
Divakar, B J 090428
Divakar, N G 083785
Divatia, M A 083314
Divljanovic, D 085178
Diwakar, M C 089181
Dix, V 090220
Dix, V 090446
Dixon, A F G 090151
Dixon, I W 084208
Dixon, S E 091173
Dizdari, F 085304
Djameii, P 084329
Djerbi, M 089102
Djerbi, M 089103
Djouninski, B 092120
Doane, C C 090111
Doane, W M 083667
Doane, W W 090587
Doazan, J P 088929
Dobbins, D R 087333
Dobbins, D R 087334
Dobbs, H E 085170
Dobbs, T L 082308
Dobie, P 090207
Dobinda, B 083512
Dobinda, B 085082
Dobos, M 084901
Dobosch, D 085494
Dobray, E 083808
Dobrenz, A K 086717
Dobrescu, L 085491
Dobrowolski, W 084315
Dobrzanski, B 091708
Doby, P B 092355
Dockerty, T R 084215
Dodds, D G 090305
Dodge, J D 086806
Dodge, Y 089606
Dodge, Y 089607
Dodson, C H 088217
Doehler, R C 082867
Doering, G G 085198
Doering, O 091228
Doerr, L 084833
Doersch, R E 089432
Dogaru, V 086172
Dohke, K 091097
Dohke, K 091098
Dohring, E 090212
Dohy, J 084884
Doi, Y 086486
Dokic, P 086838
Dokovic, V 084985
Dolan, D D 089222
Dolenc, M 082892
Dolenc, M 085155
Dolenc, M 085161
Dolenc, M 085164
Dolensek, E P 085146
Dolezal, B 085894
Dolezal, O 091304
Dolgykh, S T 086950
Dollahite, J W 085794
Dolzhenko, I B 091736
Doman, N G 087690
Domanski, J J 082888
Domanski, J J 090384
Domashnev, P P 087911
Domermuth, C H 085648
Dominguez, G 088090
Dominguez, G 090353
Dominick, C B 089967
Dominione, C 083834
Domjan, D 087295
Dommergues, Y 091518
Dommergues, Y 091536
Domsch, K H 091525
Donaldson, D 087703
Donaldson, J M I 090007
Dondas, V 086124
Done, S H 085064
Donia, A 090092
Donia, A 090093
Donia, A 090810
Donia, A 090812
Donia, A R 090088
Donia, A R 090089
Donia, A R 090798
Donn, G 088236
Donoho, A L 082684
Donoho, A L 084068
Donovan, E F 084993
Dontenwill, W 092308
Doodson, J K 089047
Doodson, J K 089339
Doom, D 090147
Dopke, W 087625
Doree, M 088250
Dormaar, J F 091552
Dorn, A 090480
Dorn, B 088180
Dorph-Petersen, K 088523
Dorrell, D G 087724
Doty, R D 085872
Doty, R D 091768
Dotzenko, A D 088363
Dougan, J E 081899
Dougherty, M H 083794
Doughty, C C 089736
Douglas, D B 082379
Douglas, G W 087338
Douglas, J S 088974
Douglas, L T 090627
Douheret, J 086059
Doull, D M 091101
Doull, K M 091088
Douma, J H 092171
Douvres, F W 085399
Dow, A I 092005
Dow, R L 089191
Dowe, A 089445
Dowley, L J 089395
Down, C G 086660
Downer, R G H 090679
Downes, R Q 092365
Downing, F 089649
Downton, W J S 087828
Downton, W J S 088138
Doy, F A 090638
Doyle, M 085468
Dozier, W A 087934
Dozier, W A 087935
Draber, W 089759
Drablos, C J W 091357
Dracup, S B 092085
Dragovic, S 092247
Draheim, S C 085084
Drakenberg, T 087616
Draser, 082730
Draser, 085780
Drawert, F 083038
Drawert, F 083772
Draycott, A P 087781
Dreher, K 091114
Dressler, O. 087180
Drew, A P 088248
Drew, L A 091675
Drew, L G 088248
Drew, M C 087603
Drews, L 082349
Driahina, I V 086952
Driahina, I V 088067
Driessche, R van den 091536
Driessche, T V 087409
Drobnik, J 087629
Drolsom, P N 086984
Drost, S 083411
Drouet, J 084023
Drozdzynska, M 084916
Drozdzynska, M 085480
Druehl, L D 087332
Druehl, L D 087337
Druijff, A H 089711
Druijff, A H 089712
Druijff, A H 091454
Drummond, I N 092173
Drury, W H 086628
Dryburgh, E A 083797
Dryden, F D 084576
Drysdale, W 087213
Duarte, A P 086402
Dube, P 087583
Dubhashi, P R 082270
Dubinin, N P 087161
Dublin, P 086882
Dubois, M P 084023
Dubois, M P 084163
Dubois, P 083013
Dubos, R J 092297
DuBose, R T 085648
Dubovskii, G K 090884
Ducharme, D P 082793
DuCharme, E P 089461
Duckham, A N 082133
Duckworth, R B 083147
Duckworth, W D 091033
Duclos, L A 086907
Ducroiset, B 085495
Ducrot, D 082114
Duda, C T 089411
Duda, E J 090144
Dudarev, I R 083587
Dudel, H 090736
Dudenko, A V 084747
Dudhani, C M 081967
Dudhani, C M 081970
Dudkin, M S 083767
Dudney, P J 088022
Duesberg, P H 085583
Dugan, H P 092123
Duggan, C 091830
Duich, J M 088706
Duin, H van 082863
Duin, H van 083364
Dukanovic, S 082855
Dukanovic, S 083341
Dukelow, W R 084900
Dukic, B 085547
Dulmage, H T 089928
Dumas, B R 084154
Dumas, W T 089900
Dumonde, D C 085195
Dunbar, D M 090111
Dunbar, G A 091951
Duncan, E G 087304
Dundas, 085813
Dunham, R J 088083
Dunkelberger, J E 081940
Dunkley, C R 084662
Dunlop, J I 083490
Dunn, E 087414
Dunn, G M 086900
Dunn, G M 089139
Dunne, H W 085378
Dunning, R A 089498
Dunning, R A 089899
Dunning, R A 089901
Duplan, J M 083992
Dupnik, T 089922
Dupree, M 090013
Duquef, M 090887
Durand, G 084430
Durant, J A 089895
Duranti , G 091818
Durette-Desset, M C 090456
Durfee, W K 092424
Duric, V 082018
During, H 088113
During, H 088222
Durley, R C 088144
Durmishidze, S V 088208
Duro, F 083028
Durrant, A 086932
Durzan, D J 088253
Dusold, L R 082694
Dusold, L R 083402
Dussault, J P 085661
Dutartre, J 091410
Duterte, R 082989
Duthion, C 087992
Dutkowski, A B 090697
Dutrecq, A 088483
Dutson, T R 082674
Dutt, A K 086784
Dutt, B 084552
Dutt, B 085677
Dutt, B 085679
Dutt, K 089071
Dutta, B K 088268
Dutta, J 083616
Dutta, O P 088773
Dutta, S M 083323
Dutton, R D 092271
Duveen, D I 088578
Duviard, D 090758
Duvick, D N 082010
Duvigneaud, J 086488
Duxbury, J M 091543
Dvorak, B 087266
Dvorak, M 084348
Dwernychuk, L W 089622
Dwernychuk, L W 092320
Dwivedi, P 085566
Dwivedy, A K 090682
Dworakowska, I 090858
Dwuma-Badu, D 087442
Dwyer, J E 088651
Dybing, C D 087355
Dyer, A J 084832
Dyer, M I 086653
Dzamba, A 091419
Dzekov, A 084948
Dzhanikulov, F 086849
Dzhindzhikhadze, Z P 087911
Dzhuraev, O 087655
Dzido, T 085429
Dzinic, S 085804
Dziuk, P J 084136
Dzoljic, D 083489
Eassa, Y E E 090785
Eassa, Y E E 090791
Eassa, Y E E 090815
Easter, R A 085090
Eastwood, R E 090246
Ebbing, B 082788
Ebeling, W 090211
Ebens, R J 084335
Ebert, H P 085886
Ebert, J 085078
Ebert, J 085667
Ebert, W 088644
Ebsary, B A 089785

Ebsary, B A 090503
Echandi, E 089316
Echeverria P, C 091721
Eckel, D C 082520
Ecker, H 081896
Ecklund, P R 088145
Eckmullner, O 085887
Eckrich, W 090405
Eckrich, W 090406
Edenfield, J E 090184
Edey, T N 084840
Edgerton, L J 090348
Edgington, L V 089169
Edminster, T W 088876
Edmonds, L 085692
Edmondson, V W 081954
Edney, A 084714
Edney, K L 083718
Edney, K L 088011
Edney, K L 089033
Edwards, B R 082659
Edwards, B R 085171
Edwards, D G 088260
Edwards, G E 086804
Edwards, G E 088013
Edwards, G J 083743
Edwards, G J 089495
Edwards, P J 088497
Edwards, P N 085846
Edwards, R A 083594
Edwards, R A 084770
Edwards, R R 090342
Edwards, R T 083872
Edwards, R T 088352
Edwin, E E 084698
Edwin, E E 085730
Edwin, E E 085758
Efron, D 089414
Efron, Y 087065
Efron, Y 087092
Efron, Y 087093
Egawa, T 091988
Eger, G 088607
Egerton, J R 085400
Eggelsmann, R 092286
Egger, A 091149
Eggert, W 085124
Egiazarian, V KH 088904
Egli, H R 083392
Eglington, E G 086934
Eglite, G A 084015
Egnem, E 085667
Egorov, V V 091706
Eguagie, W E 089822
Ehara, S 091002
Ehmke, A 084385
Ehrendorfer, K 087178
Ehrenhardt, H 089156
Ehrlein, H J 084367
Ehrlein, H J 084368
Ehwald, R 087266
Eiberle, K 085992
Eich, E 087556
Eichholz, G 091299
Eichholz, G 092438
Eichhorn, H 091240
Eichhorn, K W 089156
Eichhorn, O 090168
Eichhorn, O 091052
Eichler, W 090176
Eichler, W 090445
Eichner, M 090407
Eicker, A 087593
Eicker, A 091740
Eidson, C S 085201
Eikenbary, P 090677
Eimer, M 091407
Einert, A E 088037
Einert, A E 088586
Einicke, W 082541
Einspahr, D W 086098
Eisele, G R 085387
Eisen, E J 084819
Eisner, F F 084967
Eissner, G 085323
Ejler, K 081938
Ekelund, S 084510
Eklund, A 084661
El Bahri, L 082783
El Bassam, N 091657
El Baya, A W 087914
El Baya, A W 088234
El Deeb, S A 083381
El Deeb, S A 083385
El Difrawi, E A 083381
El Difrawi, E A 083385
El Hadidi, M N 086501
El Kammah, K M 090981
El Kammah, M 090264
El Kammah, M 090982
El-Adly, A E 081911
El-Adly, A E 081912
El-Adly, A E 081913
El-bab, M R F 084965
El-Baroudi, H M 092327
El-Bashary, A S 084041
El-Bashary, A S 084748
El-Berry, A A 090803
El-Berry, A A 090805
El-Borollosy, F M 089878
El-Borollosy, F M 091123
El-Defrawi, M E 089879
El-Defrawi, M E 089884
El-Defrawi, M E 089885
El-Din Sharabi, N 091546
El-Din, A T 089594
El-Domiati, N 090785
El-Domiati, N 090815
El-ebiary, H M 084399
El-Ebiary, H M 084401
El-Faham, R H 084399
El-Faham, R H 084401
El-Fawal, M A 086851
El-Gar, M R A 089872
El-gayar, F H 087756
El-gayar, F H 089799
El-Gayar, F H 089863
El-Gayer, F H 089975
El-Gazar, A 087928
El-Ghanam, M S 083234
El-Ghanam, M S 083235
El-Ghar, M R A 089873
El-Guindi, M A 089887
El-Hagarawy, I S 083237
El-Hifnawi, M 083236
El-Husseini, M M 089951
El-Husseini, M M 090789
El-Husseini, M M 090794
El-Husseini, M M 090796
El-Husseini, M M 090797
El-jorr, M 081928
El-Kady, E A 089875
El-Kady, E A 090090
El-Kady, E A 090802
El-Kifl, A H 089865
El-Kifl, A H 089867
El-Kifl, A H 089949
El-Kifl, A H 090788
El-Kifl, A H 091569
El-kodsi, G 086199
El-Koudary, A S 090280
El-Koudary, A S 090807
El-Leithy, M A 087641
El-Mahdy, S 092150
El-Malek, Y A 087641
El-Masry, H G 087636
El-Masry, H G 087637
El-Minshawy, A M 090092
El-Minshawy, A M 090093
El-Minshawy, A M 090810
El-Minshawy, A M 090812
El-Mirsawi, D H 091034
El-Mishad, A M 085377
El-Naby, A A 089838
El-Naby, A A 089958
El-Naby, A A 090808
El-Naby, A A 090816
El-Naby, A A 090818
El-naggar, M A 084965
El-Naggar, M Z 089955
El-Naggar, M Z 089956
El-Nawawy, A S 088983
El-Nawawy, A S 089593
El-nawawy, A S 089594
El-nockrashy, A S 083661
El-Nockrashy, A S 083663
El-Nockrashy, S 083272
El-Okda, M K 089780
El-Okda, M M K 089779
El-Rafie, M S 090321
El-Rafie, M S 091837
El-Refai, A H 087635
El-Sadek, L M 087659
El-Saidi, M T 087912
El-Sawaf, S K 090088
El-Sawaf, S K 090089
El-Sawaf, S K 090092
El-Sawaf, S K 090093
El-Sawaf, S K 090798
El-Sawaf, S K 090810
El-Sawaf, S K 090812
El-Sawi, M S 089887
El-Sayed, M M 088006
El-Sebae, A H 089777
El-Sebae, A H 089779
El-Sebae, A H 089780
El-Sebae, A H 089950
El-Sebae, A H 089954
El-Sewey, A 087929
El-Sharaby, A F 090712
El-shattory, Y 083661
El-Shattory, Y 083663
El-Shazly, K 084399
El-Shazly, K A 084401
El-Sherif, A 090087
El-Sherif, A 090790
El-Shinawy, R M K 087394
El-Tantawi, M A 089877
Elahi, M 087511
Elahi, M 087512
Elahi, M 089906
Elaut, L 086280
Elbel, R E 091022
Eldarwish, A A 092147
Elderen, E van 087765
Eldy, C 088949
Elema, H M 091397
Elema, H M 091399
Elgabaly, M M 087660
Elgarrista, J M 083634
Eliade, G 087863
Elias, D G 082852
Eliassen, K A 084035
Eliasson, L 089745
Elkins, E R 082960
Ellena, G 084448
Ellestad, B 088840
Elliot, J I 084582
Elliott, F W 087892
Elliott, J H 090269
Elliott, L M 085098
Elliott, R P 082830
Ellis, A B 083391
Ellis, A B 083917
Ellis, G 089048
Ellis, G F 084563
Ellis, J E 086653
Ellis, J E 089067
Ellis, J E 089665
Ellis, K 091896
Ellis, K R 085095
Ellis, L W 089567
Ellis, S 084167
Ellis, W N 090917
Ellwood, D C 085292
Ellwood, D C 085528
Ellzey, H D 091931
Elmer, H S 089998
Elmore, C L 089621
Elovsson, B 084673
Elsair, J 084429
Elshina, M A 084256
Elsokkary, I H 087660
Embleton, T W 087941
Embleton, T W 092318
Emel'ianova, N A 083592
Emerson, R 086282
Emerson, R C 085383
Emery, J B 085487
Emmet, A M 090909
Emmett, J M 087950
Empey, H N 090950
Emrich, A 091132
Emslie, V W 085225
Enari, T M 083040
Ender, F 085673
Endo, H 086152
Endo, K 090856
Endo, K 090857
Endo, R M 089023
Endo, T 092113
Endoh, K 086152
Endrizzi, J E 087120
Endrodi, S 090881
Engel, 086666
Engel, 089644
Engel, R 091409
Engel, R E 088709
Engelbrecht, C M 091029
Engelbrechten, G von 083686
Engelhardt, W V 084367
Engelhardt, W von 084368
Engelke, A L 087662
Engen, M H 084995
Engen, M H 085001
Englet, J 089642
Engrand, M 082989
Engstrand, L 086395
Enhorning, G 084097
Enne, G 084915
Enne, G 084978
Enos, H F 090346
Ensminger, M E 083974
Ensminger, M E 084640
Epanchinov, A V 082290
Epel, B 088026
Epstein, A H 089389
Epstein, E 092015
Epstein, H 088575
Epstein, M F 083125
Eranov, A M 084319
Erath, R 088859
Erbersdobler, H 082426
Erbersdobler, H 084617
Erbersdobler, H 084621
Erdman, J A 084335
Erdos, G W 087107
Erglis, D 085836
Erickson, A E 091544
Erickson, B H 084799
Erickson, H H 085033
Ericsson, J 092397
Ericsson, N A 088917
Ericsson, N A 092061
Erie, L J 088489
Eriksson, C E 083131
Eriksson, K E 088301
Erlanson, C 084094
Erler, W 085236
Erlich, V S 082015
Erman, D C 090760
Ernet, D 087516
Ernisch, R 091302
Ernst-Fonberg, M L 087268
Erokhin, A I 084929
Ersson, B 087283
Erwin, D C 089221
Esaian, G S 088904
Escobar, D E 087623
Escolano, J O 086213
Escolano, J O 086214
Escolano, J O 086215
Eser, K 089615
Eskeland, B 084102
Eskew, E B 088360
Eslava, A P 087099
Eslick, R 083551
Eslyn, W E 086256
Esmay, M L 091237
Espeseth, D A 085263
Espindola Frota, J N 087241
Espinosa, J P S y L de 091832
Esponda, P 086749
Esposito, C R 083672
Essad, S 086695
Esser, F 087528
Esser, J 084273
Essig, H W 084647
Esslinger, T L 086416
Estes, P C 085247
Esteves, A B 083048
Etheridge, J 089253
Eto, T 084298
Eto, T 084299
Etter, H M 088255
Eue, L 089715
Euthymios, P 086016
Evans, A T 085115
Evans, C D 082301
Evans, C D 083601
Evans, C D 085737
Evans, C E 088567
Evans, D 090497
Evans, E 089052
Evans, E W 083373
Evans, E W 084103
Evans, G M 086909
Evans, G M 086983
Evans, G W 082993
Evans, H E 090448
Evans, H T J 085134
Evans, J F 090303
Evans, J L 084567
Evans, L E 088356
Evans, L V 086810
Evans, M 085259
Evans, P R 090369
Evdokimov, S M 085111
Everaet, H 081921
Everett, A L 083393
Everett, A L 084758
Everz, K E 085765
Ewart, J A D 083617
Ewart, W H 089998
Ewbank, R 084046
Ewbank, R 084112
Ewert, P E 084803
Eweson, E 091969
Ewing, L S 090471
Ewy, Z 084034
Eyre, P 085069
Ezaki, H 091389
Ezaki, K 092046
Ezaki, T 085906
Ezaki, T 086130
Ezaki, T 091836
Ezedinma, F O C 088619
Ezere, I P 084015
Ezhov, V I 085455
Ezuka, A 086987
Ezuka, A 089348
Fabbri, L 089687
Fabbri, L 089689
Fabinyi, R 083177
Fabinyi, R 092399
Fabisch, G 082544
Fabiszewski, W 086231
Facek, Z 091728
Fachini, G 084793
Fackelman, G E 085130
Facteau, T J 087933
Fadliah, Z G 087929
Fadly, A M 085270
Fadly, A M 085271
Fagasinski, A 085428
Fagerstrom, L 086320
Fahmy, H S M 090087
Fahmy, H S M 090790
Fahmy, M A H 089805
Fahmy, M F 084966
Faichney, G J 084444
Fain-Maurel, M A 090715
Fairbairn, D 085401
Fairbairn, R 092355
Fairbairn, S J 083460
Fairbank, W C 092318
Faizy, S A 091565
Fajersson, F 083649
Falcomer, G 081950
Falen, R 089501
Falk, H 086713
Falkowski, M 091955
Faludi-Daniel, A 087690
Faludi-Daniel, A 087850
Fang, S C 089755
Fankiewicz, S L 087989
Fanta, G F 083667
Farcy, R P H de 081923
Farish, D J 090447
Farkas, B 084615
Farkas, D F 083790
Farkas, G L 087913
Farkas, S R 090781
Farkaski, G 091806
Farley, R D 090755
Farley, R F 087781
Farlow, J E 090993
Farnham, D S 083734
Faroogi, W A 083710
Farooqi, M I H 083206
Farooqi, S I 091008
Farrell, D A 091592
Farrell, J M 084991
Farrell, R K 085205
Farrell, R K 085206
Farrell, R K 085207
Farris, C W 086313
Farrow, R P 082960
Faruga, A 084653
Fasoulas, A 086920
Fassbender, C A 091809
Fassbender, K 091060
Fassbender, K 091064
Fateen, S E 092118
Faulkner, S 085085
Faure, M F 088443
Fauroat, C W 089650
Faust, H 092054
Favali, M A 089177
Favali, M A 089401
Fawcett, A R 085295
Fayer, R 085343
Fayez, M B E 087445
Fazalnoor, K 089076
Fazalnoor, K 089272
Fazio, F M 088897
Fazio, T 082694
Fazio, T 083402
Featherston, W R 084265
Febel, N 083436
Fedde, G F 090121
Fedecka-Bruner, B 084022
Feder, G L 084335
Federici, B A 090257
Fedin, M A 087173
Fedorov, E A 087566
Fedorov, IU N 085586
Fedorova, E E 087162
Fedoseenko, A A 087739
Feeny, P P 090083
Fehlmann, H U 091463
Fehrmann, W 088665
Feige, G B 087628
Feige, R 090962
Feige, W 092009
Feigenbaum, S 091607
Fekete, Z 091482
Fekete, Z 092012
Feldheim, G 083224
Feldheim, W 082928
Feldheim, W 083224
Feldman-Muhsam, B 090260
Feldman-Muhsam, B 090721
Feldman, R G 085013
Felger, R 082991

Felkai, A 085786
Fell, H 081919
Fellenbaum, S 085748
Felletti, G 082319
Fellin, D G 090165
Fellows, R E 084168
Felsani, A 087280
Felsenstein, G 091253
Fenaroli, A 083336
Fencl, J 089407
Fenemore, P G 087525
Fenical, W 087214
Fenical, W 087426
Fenical, W 089110
Fennessy, P F 083884
Fensom, D S 087329
Fensom, D S 087330
Fensom, D S 087718
Ferchland, D 083171
Ferda, J 092041
Ferda, J 092287
Ferenczy, L 087197
Ferguson, W S 089456
Ferik, M 087651
Fernandez Carmona, J 084445
Fernandez-Gomez, M E 086811
Fernandez-Gomez, M E 086812
Fernandez-Gomez, M E 088017
Fernandez, O A 087293
Fernando, M A 084472
Fernando, M A 085312
Fernando, M A 085404
Fernelius, A L 085247
Fernlund, P 084094
Ferran, M A 090420
Ferrand, C 084906
Ferrand, C 084907
Ferrando, R 084676
Ferrando, R 085490
Ferrari, G 087408
Ferrari, J P 088080
Ferrari, L 083955
Ferraro, G E 087534
Ferraro, G L 085746
Ferreira Filho, J L 081944
Ferreira, J F F 092184
Ferreira, N P 087282
Ferrini, C 082415
Ferris, J L 086100
Ferron, P 090487
Fessl, L 085076
Feucht, W 088230
Feuerlein, W 092040
Feuillat, 083706
Feung, C S 087411
Feung, C S 087766
Fevraleva, L T 087566
Fevrier, R 083939
Fey, J 088180
Ffolliott, P F 092084
Fialova, S 087289
Fianu, F K 083950
Fibiger, M 090990
Fick, G N 089237
Fiddler, W 083466
Fidler, J C 083718
Fidler, J C 083719
Fidler, J C 088011
Fidler, J C 089465
Fieche, K 083645
Fiedler, J 091431
Fiedler, W 089487
Fiedorowicz, M 089448
Field, D B 085914
Field, D R 082008
Fielder, L L 082428
Fielder, L L 088441
Fieldhouse, D J 089554
Fievez, L 082673
Fife, L C 083252
Figert, D M 083120
Figueiredo, J B 085380
Filajdic, M 082752
Filip, G M 089228
Filip, V 086171
Filipovic-Moskovljevic, V 091058
Finco, D R 085003
Findeis, P 088388
Findlay, J B R 089790
Finkenwerth, E 089680
Finklea, J H 092380
Finlayson, A J 083552
Finney, J R 087771
Finstad, C L 084164
Finsterwalder, C 082696
Finsterwalder, C 083024
Fiori, G 089904
Fiorino, J A 082692
Fioriti, J A 083623
Fioroni, A 085473
Firenzuoli, A M 087328
Firman, I D 089012
First, N L 084798
First, N L 084837
First, N L 084840
First, N L 084841
Firus, S 091334
Fischbach, P E 092156
Fischer, B 087237
Fischer, B B 089620
Fischer, D 087803
Fischer, G 083213
Fischer, G 084622
Fischer, G 091214
Fischer, M 087076
Fischetti, B 091812
Fischetti, M 092229
Fiser, A 084011
Fiser, A 085560
Fish, H 092101
Fisher, A L 083467
Fisher, D U 082279
Fisher, D V 088000
Fisher, D V 088597
Fisher, E H 089432
Fisher, H M 088422
Fisher, L 084595
Fishwick, G 084469
Fitch, C M 086141
Fitje, A 085951
Fiveland, J 089699
Fjolstad, M 084388
Fjolstad, M 085193
Flaherty, B R 090202
Flaherty, B R 090567
Flaherty, B R 090726
Flaig, W 091819
Flaig, W 092322
Flake, R H 088293
Flanagan, T R 088930
Flanderkova, V 089259
Flannery, R 088830
Flath, R A 083773
Fleck, J A 086101
Fleiger, S 084303
Fleming, A A 086896
Fleming, A A 087070
Fleming, A A 089524
Fleming, B 091904
Fleming, P 085394
Flemmer, W 088652
Flemming, G 085974
Flemming, G 089566
Flengmark, P 088925
Flentje, W M 083848
Flentje, W M 089579
Flentje, W M 090401
Fletch, A L 085070
Fletcher, R A 087997
Flick, D 084889
Flieger, S 084304
Fliermans, C B 091517
Flink, J 083053
Flink, J 083054
Flink, J 083144
Flint, O S 090907
Flo, G L 085011
Florek, S 084680
Flores Cortinas, A 089000
Flores Cortinas, A 089995
Flores Cortinas, A 089996
Flores Lira, M A 092181
Flores, A R 091587
Flores, S C 082808
Floresca, A R 086216
Flossmann, R 091499
Floto, E 088670
Flowerday, A D 081996
Flowers, S 086411
Floyd, J A 088903
Fluckiger, E 083238
Foehrenbach, J 092449
Foess, G W 092456
Fogal, W H 090123
Fogal, W H 090646
Fogarty, W M 086217
Fogliani, G L 083335
Foiles, M W 089575
Folbert, G 082649
Foley, C W 084757
Folk, G E 084200
Follett, M J 083468
Folsch, I 088390
Foltany, I 090142
Fontenil, R 082454
Foot, J Z 084424
Foral, A 087878
Foran, B 088532
Forbes, A R 090491
Forbes, E 087414
Forche, A 081929
Forche, A 083008
Ford, B 090266
Ford, H W 089460
Ford, M G 089828
Fordham, A J 089440
Foree, E G 092444
Forejtova, M 084457
Forejtova, M 084458
Forejtova, M 090430
Forkel, H 088660
Forkel, H 091348
Forlich, A 084635
Forrest, H S 090534
Forrest, T P 088110
Forrest, W G 088256
Forrester, D J 085403
Forrey, R R 083773
Forschner, E 083248
Forsek, Z 082893
Forsek, Z 082894
Forsek, Z 085574
Forsek, Z 085575
Forster, R L 089316
Fort, J 091412
Fortlage, R J 088987
Fossel, A 090169
Fossum, K 082668
Fossum, K 083496
Foster, C A 087772
Foster, E L 082480
Foster, E L 082897
Foster, F G 088737
Foster, G G 090530
Foster, H L 091835
Foster, J P 084865
Foster, K E 092241
Foster, R 086425
Foster, R 086426
Foster, R C 091547
Fougner, J A 084891
Fougner, J A 085711
Founk, J 091326
Fournier, B 090417
Fowden, L 087477
Fowden, L 088291
Fowler, G L 090509
Fowler, V R 084206
Fox, D G 084215
Fox, H 082341
Fox, H M 082962
Fox, J B 082695
Fox, J B 083403
Fox, L A D 084658
Fox, P F 084227
Foxcroft, G R 084866
Foxton, G 086924
Fraenkel-Conrat, H 089423
Frahm, L J 082685
Frahm, L J 084069
Fraja, L 083176
Frakes, R V 086889
Frana, A 083168
Franc, C 083495
Franc, C 084738
Franca, N C 087526
Franchi-Gazzola, R 084096
Francis, A J 091543
Francis, C J 092044
Francis, H J 091851
Francis, J F 088087
Francis, O J 082689
Francisco, C G 087618
Francois, M 082884
Frank, G H 085247
Frank, H A 083741
Franke, A 082603
Franke, R 085125
Franke, W W 086714
Frankel, A W K 090570
Frankenhuyzen, A Van 090057
Frankenhuyzen, A Van 090148
Franklin, E W 083716
Franklin, S J 089299
Frankson, C F 091156
Franson, R T 086643
Franz, A O 082686
Franz, H 090896
Franzke, C 083073
Franzke, C 083185
Franzke, C 083186
Franzke, C 083652
Franzke, C 083653
Franzke, C 087457
Franzky, G 083032
Franzo, R 091336
Franzoy, C E 092169
Fraser, A W 087347
Fraser, C 084202
Fraser, C 084425
Fraser, M J 087326
Frazerhurst, L F 090269
Frazier, A W 091913
Frazier, W A 087115
Frazier, W A 089066
Frearson, E M 088020
Fredeen, F J H 090229
Frederiksen, I 085810
Fredman, H B 086300
Fredman, K L 086300
Fredrickson, C R 082008
Free, J B 091169
Freed, V H 090339
Freedland, R A 084265
Freeland, S J 092185
Freeling, M 087077
Freeman, A E 084858
Freeman, B 089486
Freeman, C E 087594
Freeman, J R 087575
Freeman, K C 088534
Freeman, T E 089187
Freeman, T E 089705
Freeouf, J A 091914
Freer, M 084509
Frei, J K 088217
Freier, B 083574
Freier, J E 090650
Freimuth, U 083362
Freire, R 087618
Freitag, K 083410
Freivalds, J 082662
French, B K 087586
French, B K 087587
French, B K 087588
French, C S 088109
French, E L 085260
French, J 089898
French, J R J 090684
French, N R 086653
French, O F 088489
French, R A 091026
Frenyo, V 087296
Frenzel, F 084282
Frenzel, F 084637
Fresnaye, J 091095
Frey, K J 086901
Frey, L 089621
Frey, S M 092432
Frey, T L 082175
Friars, G W 084108
Friberg, L 087670
Frick, J H 090677
Frick, W 085215
Fricke, D H 086856
Fricke, D H 088580
Fricker, A 083174
Fridlund, P R 089391
Fried, B 085408
Friedlinghaus, M 087228
Friedlinghaus, M 092016
Friedman, S 090650
Friedrich, H 087493
Friedrichs, H 086142
Frielinghaus, M 087228
Frielinghaus, M 092016
Fries, G F 082679
Fries, L 087300
Friestad, H 089641
Friheden, J 090546
Fripp, Y J 086931
Frisch, J E 084779
Frisch, J E 084780
Frissel, M J 091611
Frissel, M J 091681
Frissel, M J 092409
Fritsch, C F 091471
Fritton, D D 091680
Fritts, H C 088248
Fritz, Z 084683
Fritzsch, W 091181
Frizen, H W 091401
Frohlich, H 088659
Frohlich, H 092107
Frohlich, H J 085861
Frolich, M 083266
Fromageot, D 084676
Frommer, S I 090946
Fromunda, M 082769
Fromunda, M 083288
Frosheiser, F I 089315
Frostad, B 082293
Fruge, N 085131
Fruit, J 087189
Fry, G 089225
Fry, J L 082916
Frydrychewicz, J 084314
Frye, F L 085749
Frye, R D 090137
Fryer, T F 083356
Fryer, T F 083358
Fuchs, H 083873
Fuchs, H 084475
Fuchs, T W 089922
Fuchs, U 084885
Fuente, J A de la 091046
Fuenties Sanchez, C 084394
Fufaieva, L D 086955
Fuguitt, G V 082008
Fuguitt, G V 082465
Fuhrer, E 090847
Fuhrer, E 090848
Fuhrmann, L A G 082336
Fujihara, T 084237
Fujihara, T 085091
Fujii, K 089116
Fujii, K 089117
Fujii, K 091652
Fujii, M 083211
Fujii, O 085412
Fujikawa, H 085411
Fujimaki, H 086995
Fujimoto, K 085905
Fujimoto, K 088258
Fujimoto, Y 089280
Fujimura, T 092225
Fujino, Y 087704
Fujioka, Y 092226
Fujioka, Y 092227
Fujisawa, Y 082929
Fujita, H 084279
Fujita, M 088560
Fujita, T 087425
Fujita, T 089063
Fujita, Y 086335
Fukagawa, K 083656
Fukatsu, S 083157
Fukuda, H 089520
Fukuda, M 087959
Fukuda, T 085207
Fukuhara, R 084159
Fukuhara, R 084533
Fukuhara, R 084873
Fukuhara, R 084874
Fukui, Y 082835
Fukumi, R 083862
Fukunaga, Y 085240
Fukushi, S 091765
Fukushima, M 089573
Fukushima, M 091766
Fukuto, T R 089805
Fukuto, T R 090191
Fukuyama, T 087810
Fulford, R J 083962
Fullagar, P J 085388
Fullagar, P J 090244
Fuller, G 083726
Fuller, W H 087430
Fuller, W H 091646
Fulop, G 091312
Fulop, S 091274
Fulton, P N 081963
Fulton, R B 084604
Funes, A 088283
Funk, A 086432
Funk, K 082712
Funk, K 090313
Funk, K 090327
Funke, B R 090137
Fuqua, M C 092063
Fuqua, M C 092064
Fuquay, G A 092029
Furgala, B 091082
Furi, J 092039
Furia, A 089400
Furr, D 084563
Furr, D R 084721
Furry, R B 083822
Furuhashi, T 084237
Furuhashi, T 085091
Furuichi, H 084611
Furukawa, A 088275
Furukawa, A 088276
Furukawa, K 083190
Furuki, Y 090936
Furushima, K 082047
Furuta, H 089113
Furuta, K 090122
Furuya, K 086466
Furuya, K 086481
Furuya, T 087510
Fus, P 086144
Fushimi, T 085906
Fushimi, T 086130
Fushimi, T 086131
Fuzeau-Braesch, S 090412
Fye, R E 089810
Fye, R E 089910
Fykse, H 089698
Fyrileiv, E 091277
Gaal, E 088081

Gaal, E 091168
Gabai, M 088147
Gabay, S J 087074
Gabay, S J 089143
Gabdan, J 091723
Gabeev, V N 085879
Gabeev, V N 091490
Gabir, S 086116
Gable, D A 082798
Gable, D A 083882
Gabor, Mrs M 082923
Gaboreanu, M 085127
Gabriels, D 091887
Gabriels, D M 091890
Gabris, J 083480
Gabris, J 084305
Gabris, J 084901
Gabris, J 084970
Gacek, F 084063
Gachon, L 085659
Gadanski-Omerovic, G 085183
Gadanski-Omerovic, G 085184
Gadanski-Omerovic, G 085186
Gadev, C 084375
Gadialski, I 092120
Gadzhiev, I M 088240
Gaertner, F H 087231
Gaevskii, N A 087378
Gafel, A 082082
Gafel, A 083693
Gafel, A 088978
Gaffney, B J 091267
Gage, E D 085010
Gage, E D 085031
Gagloev, G N 084319
Gagnard, J 088645
Gagnard, J 091882
Gaher, S 089258
Gaher, S 089946
Gai, G 083690
Gaivoronskaia, L M 087747
Gajan, R J 082692
Gajdos, J 085941
Gajic, R 085537
Gajri, H R 091972
Gajzago, I 083272
Gal'pern, I L 084964
Galabowa, R 084025
Galba, J 091719
Galba, J 092289
Galbiati, C 089251
Galbraith, M H 087304
Gale, J F 091995
Galinat, W C 087011
Galinat, W C 087012
Galinat, W C 087013
Galinat, W C 087014
Galinat, W C 087015
Galinat, W C 087016
Gallagher, C H 084074
Gallardo-De Jesus, E 083828
Galle, L 086697
Galle, L 090425
Gallert, H 083415
Gallina, A M 085270
Gallina, A M 085271
Gallina, D L 084450
Galluzzi, G 082851
Galluzzi, G 090359
Galtier, J 086322
Galun, R 090243
Galvan, J M 084702
Galzy, P 087634
Gambarova, R K 086774
Gamboa J, J 091720
Gamboa J, J 091724
Gamborg, O L 087446
Gamborg, O L 088177
Gambrell, C E 082671
Gambrell, C E 083699
Gambrell, R P 092428
Gamburg, K Z 087692
Gamburg, K Z 087738
Gams, W 091682
Ganapini, A I 082272
Gancic, M 085178
Gander, R S 082404
Ganderton, P 083394
Gangstad, E O 089648
Gangstad, E O 089663
Ganguli, N C 084186
Ganguli, N C 085347
Gangwar, B M 088196
Ganley, J P 085199
Ganney, G W 082265
Ganney, G W 088817
Gaon, B V 082071
Gaon, B V 082633
Gar'kavyi, F L 084015
Garaudeaux, J 091827
Garay, A S 087850
Garay, L A 086451
Garbers, D L 084798
Garcia Carrillo, C 085493
Garcia-Bellido, A 090839
Garcia-Bellido, A 090840
Garcia, R B 090516
Garcia, W J 082961
Garcia, W J 083548
Gardner, C F 090738
Gardner, C F 090996
Gardner, C O 087039
Gardner, C O 089307
Gardner, G R 082400
Gardner, H W 083548
Gardner, R J 083111
Gardner, W H 091889
Gardner, W R 091891
Garg, J S 082616
Garg, J S 091442
Garg, R C 085363
Garg, S K 089090
Gargano, A 083760
Garman, W L 091895
Garms, R 090299
Garms, R 091057
Garmston, M 088143
Garner, F M 085753
Garner, G B 087767
Garnier-Expert, D 089294
Garofalo, C A 091125
Garofalo, F 089099
Garraway, M O 089196
Garraway, M O 089235
Garren, R 088859
Garret, R E 091266
Garske, H 082147
Garske, H 091391
Garthwaite, J M 088570
Gartner, K 084370
Gartung, J 082209
Gasanov, R A 088109
Gaskins, C T 082799
Gaskins, C T 083461
Gaspar, R 092244
Gasparini, U 082865
Gasparini, U 083478
Gass, W 091963
Gassparian, S 091062
Gast, M 088420
Gatti, E 082968
Gattuso, M 087388
Gaur, A C 091784
Gausman, H W 087549
Gausman, H W 087623
Gaussel, A 082340
Gaussen, H 086324
Gautam, O P 085363
Gautier, M 089443
Gavazzi, G 087017
Gavazzi, G 087793
Gaviria O, J 091724
Gawaad, A A A 087756
Gawaad, A A A 089799
Gawecki, K 084682
Gawlik, Z 084691
Gawlowsi, K 082163
Gazea, M 083103
Gazzani, D 082042
Gazzola, G C 084096
Gbiriche, G Z 088933
Geanana, M 085960
Geary, T F 086074
Geary, T F 086089
Geary, T F 089731
Geasler, M 084522
Gebbett, J G 083295
Gebhardt, G 084282
Gebhardt, G 084283
Gebhardt, G 084435
Gebhardt, G 084637
Gebhardt, G 084638
Gebhardt, J P 087722
Geday, G 088805
Geday, G 088806
Geese, E 083167
Geessink, E F 083930
Gehlhoff, R 083045
Gehring, W 090586
Geidel, H 092008
Geigert, J 087497
Geijskes, D C 090992
Geisel, O 085519
Geissman, T A 087579
Geissmann, T 083622
Gejo, K 082328
Gejo, K 082330
Gejo, K 083243
Gejo, K 091320
Gelatt, K N 085751
Geldenhuys, I S 082315
Geldreich, E E 092267
Geli, N 082545
Geller, G 082710
Gellman, I 092445
Gemeinhardt, H 083851
Gemmell, M A 085257
Gemmill, E R 087382
Gemrich, E G 089807
Gendreau, C 085639
Genest, J 086649
Genest, J 087719
Gentry, A H 086526
Gentry, J L 086545
Georgakes, S 082747
Georgakes, S A 083279
George, C M 091795
George, G M 082685
George, G M 084069
Georgiev, S 084085
Gera, K L 084829
Gerard, G 086680
Gerasimov, I P 091697
Gerdts, M 090001
Gerely, P 083060
Gergacz, J 086020
Gerhold, H D 085862
Geringer, H 084917
Gerini, V 088899
Gerlach, C S 088700
Gerlach, C S 088750
Gershowitz, A 085277
Gerstel, D U 087167
Gerstl, F 085590
Gertenbach, J J 092022
Gertsch, W J 091020
Gessell, S G 090034
Geurink, J H 084656
Geyer, B 091805
Geyer, C 089684
Geyer, C 091408
Ghadirian, E 085291
Ghaly, F F 083594
Gharagozloo, R 082821
Ghazy, A M 088131
Gheorghe, V 082771
Gheorghe, V 082990
Gheorghe, V 083439
Gheorghita, M 083756
Gheorghiu, V N 090281
Gherardi, S 082777
Gherardi, S 083108
Ghidoni, A 087018
Ghidoni, A 087019
Ghimenti, G 082876
Ghods, F 083911
Ghonsikar, C P 091693
Ghosal, S 087522
Ghosal, S 087555
Ghosh, A 083616
Ghosh, K K 085362
Ghosh, M M 092268
Ghosh, R C 086031
Ghoshal, N G 084045
Giaccone, P 084404
Giacobbe, A 086463
Gialetti, L 085473
Giannini, R 088270
Giannini, R 088271
Giannotti, J 089381
Gibbs, A F 089240
Gibbs, A F 091964
Gibbs, A J 091172
Gibeault, V A 089023
Gibson, C D 085048
Gibson, J H 086653
Gibson, M D 086493
Gibson, M D 088852
Gibson, T E 085533
Gibson, T E 086108
Giddings, G G 083464
Giebel, F B 091572
Giese, W 085764
Gieselmann, M J 090703
Giesler, F J 084728
Giessmann, H J 088995
Giessmann, H J 089852
Giessmann, H J 089991
Giffen, M H 086394
Gifford, J R 089920
Gifford, R M 087246
Gil, L A 084220
Gil, L A 084234
Gilbert, K V 083470
Gilbert, L I 090686
Gilbert, M G 086484
Gilbert, R W 083902
Gilbert, W B 092426
Gilbertson, R L 086354
Giles, A K 082221
Giles, M 084252
Giliomee, J H 090773
Gill , Rl 083620
Gill, B S 085348
Gill, G S 088494
Gill, H S 089709
Gill, J C 084425
Gill, K S 088495
Gill, L S 086824
Gill, R S 084185
Gill, S S 084185
Gillard, D F 088164
Gilles, J 083357
Gilles, K A 083546
Gillespie, J M 090478
Gillespie, R 084863
Gillett, K G 085273
Gillette, N L 090126
Gilli, A 086586
Gilliam, J W 091749
Gilliam, J W 092428
Gillies, C B 086703
Gilliland, F R 089900
Gillis, P P 086120
Gilliver, B 083456
Gilmore, C E 085212
Gilmour, D G 085318
Gilot, B 090271
Gilpatrick, J D 089220
Gimenez-Martin, G 086749
Gimenez-Martin, G 088017
Gindele, H R 085519
Gindl, G 082660
Ginek, B 084178
Ginier, J 081992
Ginns, R 088464
Ginter, E 084347
Ginter, E K 090620
Ginter, E K 090822
Giordani, G 091084
Giotes, A 083280
Girard, C 091037
Girard, C M 092296
Giriraj, K 082933
Girotti, A 083711
Girotto, G 088520
Gissel-Nielsen, G 087780
Giudice, V L 089510
Giuliani, G 085379
Giulimondi, G 091818
Giulini, P 089250
Giura, R 091250
Giurgiu, V 085961
Giurgiu, V 085963
Givol, D 084165
Gizbili, M M 092129
Gizinski, J 086226
Gjaerum, H B 089489
Gladstones, J S 086978
Glancey, B M 090253
Glantz, P J 085313
Glass, A D M 087835
Glass, C 086425
Glass, C 086426
Glass, S E 085278
Glathe, H 091806
Glatki-Jost, M 087880
Glatzel, H 082931
Glauner, H J 082474
Glawischnig, E 085322
Glawischnig, E 085324
Glazebrook, J S 084776
Gledhill, B L 084870
Gleizes, M 088284
Glerum, C 088254
Glick, P R 085118
Glinski, J 091708
Glogowski, K 089772
Glotter, E 087612
Glover, J E 091262
Glover, J W 088829
Glover, T D 084212
Gluhovschi, N 085699
Goad, L J 087489
Goantsa, I K 090615
Gobel, W 091292
Goberdhan, L C 088526
Goberdhan, L C 089727
Gobo, A 087650
Godden, D H 090700
Godon, B 083528
Godovanets, L V 084967
Godynicki, S 084682
Goedbloed, E 085530
Goel, V K 084191
Goel, V K 084550
Goel, V K 084551
Goel, V K 084554
Goering, K J 083551
Gogala, N 087465
Goggon, P 083126
Gogoasa, V 082875
Gogolev, M M 085446
Gohler, F 087988
Gohler, F 087990
Goho, C D 086261
Gojmerac, W L 090186
Gokaj, F 084471
Gol'd, V M 087378
Gol'tsev, V F 087568
Gol'tsev, V F 091705
Golaszewski, T 087643
Golato, C 089248
Golato, C 089249
Goldberg, 091363
Goldberg, A 085340
Goldberg, A 085341
Goldberg, D 092105
Goldberg, D 092164
Goldberg, E 084927
Goldblatt, L A 082686
Golden, R G 082798
Golden, R G 083882
Goldman, A W 088753
Goldman, A W 088754
Goldstein, G 092373
Goldstein, I J 088066
Goldstein, J 091831
Goldston, S E 085120
Golebiowska, J 091712
Golosin, R 085536
Golovin, B V 084377
Golovin, B V 087916
Golter, T D 084218
Golubovic, U 085848
Golueke, C G 092326
Golueke, C G 092330
Gomez Bustillo, M R 091047
Gomez P., L D 086551
Gomez P., L D 086553
Gomez-Campo, C 088184
Gonai, Y 085284
Gondo, H 083211
Gonet, Z 091726
Goni, M 085527
Gonsoulin, G J 090942
Gonzales Amigo, P 083635
Gonzales, A L 084452
Gonzales, A L 084454
Gonzales, F R 083198
Gonzales, G 084447
Gonzales, O N 084665
Gonzalez Tome, J 085493
Gonzalez, A G 087610
Gonzalez, A G 087615
Gonzalez, A G 087618
Gonzalez, I M de 083195
Gonzalez, M 084125
Good, R A 084164
Good, R A 090197
Good, T M 088542
Goodall, T W 091444
Goodchild, A 084944
Goode, L 084677
Gooden, J M 084072
Goodenough, J L 089916
Gooding, G V 089392
Gooding, R H 090496
Goodman, H M 084222
Goodman, P 082481
Goodman, R D 087957
Goodman, R D 091104
Goodman, R N 089303
Goodwin, J C 088502
Goodwin, J C 092245
Goodwin, J T 090568
Goodwin, J T 090967
Goodwin, R F W 085140
Goodwin, T W 087489
Goodwin, T W 087580
Goosen, M G 085949
Gopal, N H 087695
Gopal, N H 089513
Gopalachari, N C 087759
Gopalan, H N B 090559
Gopalan, K N 082803
Gopinath, C 092209
Goral, S 087866
Gorbach, V IA 088907
Gorbachev, A S 087173
Gorbunov, N I 091707
Gorbunova, N N 090766
Gorchakovskii, P L 086658
Gordin, S 084374
Gordin, S 084585
Gordon, D 084055
Gordon, F J 084423
Gordon, L K 087735
Gordon, R 089785
Gordon, S A 088161
Goren, R 089747
Goret, P 085327
Gorham, E 086645
Gorham, J R 090999
Gorin, N 083775

Goring, H 087266
Gorkopenko, A F 084747
Gorlitz, H 088322
Gorlitz, H 091800
Gorlitz, H 091802
Gorlitz, H 091803
Gorman, S K 084798
Gorman, W D 082277
Gorman, W D 084651
Gormley, T R 082816
Gormley, T R 082932
Gormley, T R 083795
Gornat, B 091363
Gornat, B 092105
Gornat, B 092164
Gorsch, R 084058
Gorz, H J 086895
Gos, B 086230
Gosnell, J M 087762
Gosnell, J M 091638
Goss, J R 088352
Goss, R L 089736
Gostimskii, S A 087160
Gostimskii, S A 088210
Goswami, M 088071
Gosz, J R 088257
Got, T 086201
Goto, T 086200
Gottlich, K 091774
Gottlieb, L D 086855
Gottlieb, L D 086869
Gottlieb, O R 087526
Gotz, U 083025
Gotz, U 083026
Gotz, U 088946
Gotz, U 091114
Gotze, H 086160
Gotze, U 085500
Gotze, U 085501
Goudswaard, J 082887
Gouhar, K 089869
Gouin, F R 088061
Gouin, F R 091902
Gould, J H 082692
Gould, L R 090255
Gould, R E 086564
Goulden, M L 082715
Gounot, A M 091511
Gouranton, J 090678
Gouranton, J 090716
Gourley, I M 085051
Goutarel, R 087527
Gove, G W 092445
Govindarajan, S 083324
Govindu, H C 089036
Govindu, H G 086590
Gow, J S 083900
Gowder, K R K 091337
Gowri, V 082955
Goyal, A N 090050
Goyal, J P 086591
Goyal, J P 087461
Goyal, S P 090050
Gozdzik-Chloewicka, K 086221
Grabe, D F 087674
Graber, G 082794
Grabner, J 085866
Grace, C I 082993
Grachev, I I 084177
Graf v Reichenbach, H 091614
Graf, H 083031
Graf, L 084163
Graham, C K 084098
Graham, D R 085723
Graham, D R 091973
Graham, H N 083123
Graham, H N 083126
Graham, J E S 087325
Graham, J L 092443
Graic, J 083489
Graille, J 083207
Grammel, R 085888
Granados, R 088288
Granados, R R 089929
Graner, H E 085148
Granett, J 090131
Granhall, U 087462
Grant, D A 089696
Grant, G G 090569
Grant, J N 083675
Grant, K E 082075
Grant, W F 089623
Grant, W J 092015
Granville, A 082673
Gras, P W 083547
Grasby, N 088712
Grasser, A 085233
Grassmann, E 084434
Grassmick, R A 090259
Grau, A 088090
Grau, A 090353
Grau, J 086476
Gravert, H O 084788
Gray, A M 086374
Gray, A M 086375
Gray, A M 086376
Gray, A M 086377
Gray, D 088186
Gray, E G 089009
Gray, G R 089028
Gray, H R 092170
Gray, I K 083308
Gray, J C 087964
Gray, R 083975
Gray, T R G 091507
Gray, T R G 091741
Gray, T R G 091742
Grayson, E C 088701
Graziana, F 090506
Grear, J W 086724
Greasby, D J 082122
Greaves, J H 084625
Greaves, M P 087466
Grebennikov, V S 090765
Green, D G 089456
Green, D G 089557
Green, E C M 089791
Green, G C 088010
Green, M S 088733
Greenblatt, G A 087821
Greene, C H 082277
Greene, C H 084651
Greene, H J 085632
Greenfield, J 085313
Greenhalgh, J F D 084422
Greenland, D J 091593
Greenland, D J 091594
Greenland, D J 091597
Greenshields, B L 082383
Greenshields, B L 082391
Greenwood, C T 087890
Greenwood, R M 087887
Greer, R C 091455
Greger, H 087516
Gregorius, H R 086072
Gregorius, H R 086073
Gregory, D P 086610
Gregory, G G 085250
Gregory, K E 084831
Gregory, P 088159
Gregory, W W 090002
Greig, W S 082070
Greig, W S 088860
Grell, R F 090623
Greniuk, M 084687
Grepinet, A 084909
Greulich, E 091345
Greve, T 085633
Grewal, B S 088890
Grewal, G S 085366
Grewal, G S 085682
Grewal, G S 085683
Grewal, S S 082127
Grewal, S S 082365
Greyson, R I 086854
Gribble, D H 085737
Grichuk, V P 086303
Grier, R L 085084
Grier, R L 085087
Grierson, D 087368
Grierson, W 083743
Grierson, W 089495
Grieve, C M 084491
Grieve, C M 084492
Grieve, C M 084502
Grieve, C M 084504
Griffee, P J 089005
Griffin, D A 089755
Griffin, E L 083604
Griffith, T 087831
Griffiths, L W 082641
Griffiths, N M 083505
Grifo, A P 085689
Grigal, D F 086668
Griggs, W H 082710
Grignac, P 088397
Grigor'ev, IU S 087378
Grigore, R 086060
Grigorov, G N 085588
Grimm, R 090150
Grimm, R 090754
Grimmecke, W 088387
Grimo, E 088843
Grindeland, R E 084167
Grisebach, H 087975
Grittani, G 082577
Griveaud, P 091039
Grjebine, A 091043
Grobart, F 083665
Grobov, O F 090737
Groder, R H 082448
Groenendal, J E 085420
Groenewegen, C A M 082060
Groenewegen, C A M 091394
Groenwald, J A 082038
Groger, D 087264
Gromisz, M 091202
Gromisz, M 091205
Gromisz, M 091206
Gromov, B V 087452
Groot, J 087871
Grootegoed, J A 090510
Gropp, J 084364
Gropp, J 084621
Groppel, B 084772
Groppel, B 085644
Grosclaude, C 089021
Grosheva, G A 085457
Groskreutz, K A 084787
Gross, J 088147
Gross, R 083224
Gross, U 083224
Gross, W B 085648
Grossbard, E 089616
Grossbard, E 089617
Grossbard, E 091523
Grossbard, E 091524
Grossbard, E 091538
Grossbard, E 091541
Grosse-Brauckmann, G 086615
Grosser, D 086802
Grossi, C E 084250
Grossmann, F 089169
Grossmann, G 084097
Grosul, L I 083587
Groth, U 090221
Groulade, J 085602
Groulade, P 085602
Grover, K K 090291
Grover, K K 090844
Grover, R K 087600
Grover, R K 089079
Grover, R K 089274
Grubb, L 083947
Grubb, T C 090781
Gruber, J 081891
Gruber, J 082518
Gruber, P 091879
Gruchy, C G 090916
Grum, L 090410
Grummer, R H 084728
Grunda, B 091667
Grunden, L P 083516
Gruner, M 091825
Grunert, E 084273
Grunert, E 084905
Grunert, E 084980
Grunert, E 085732
Grunert, E 085766
Grunewald, J 090300
Grunewald, J 090849
Grunt, J 082979
Grys, S 084030
Grzelak, K 090713
Grzywinski, L 085427
Gstirner, F 088246
Gstirner, F 088247
Gualazzi, A 082591
Gubin, J 084264
Gubler, D 083442
Gudeikis, A E 083277
Gudz-Gorban, A P 090440
Guelfat-Reich, S 088223
Guelfat-Reich, S 089064
Guern, J 088250
Guerra, M 090532
Guerrant, G O 090247
Guerrero R, R 091721
Guerrero R, R 091724
Guerrero Riascos, R 091722
Guerrero, R 091723
Guerrini, A M 087327
Guest, R T 090658
Guest, R W 083897
Guevara, G 083199
Guffy, M M 085632
Guglia, V G 084319
Guha, A 082490
Guha, A 088401
Guha, D B 088188
Guha, H 084824
Guha, S R D 083095
Guha, S R D 086166
Guhathakurta, P 086031
Guidi, G 083107
Guidotti, G G 084096
Guidry, A J 084846
Guilfoyle, T J 088155
Guillou, J P 089729
Guillou, R 082710
Guinand, G G 083120
Guiney, J 084227
Guinn, G 087222
Guisard, D 084162
Gulan, M P 083777
Gulati, A S 086165
Gulati, D P 084196
Gulati, K C 089903
Gulati, K C 090340
Guler, S 085220
Guliamova, D B 090831
Guliamova, N 083696
Gumaniuc, N 082283
Guminski, S 087313
Guminski, S 087318
Gunaratne, K W B 082823
Gunaratne, K W B 083517
Gunatilake, A A L 087346
Gunderson, B H 084728
Guneidy, A M 090235
Gunkel, W W 089154
Gunn, W S 084451
Gunten, K von 091217
Gunther, E 086872
Gunther, E 089613
Gunther, H 085234
Gupta, B N 085776
Gupta, B P 092033
Gupta, D P 090853
Gupta, G K 089071
Gupta, J C 089491
Gupta, J D 084142
Gupta, J K 083616
Gupta, J N 084061
Gupta, K G 091967
Gupta, N D 088379
Gupta, P C 087559
Gupta, P C D 083833
Gupta, P D 090560
Gupta, R 088962
Gupta, R K 088268
Gupta, R K P 085370
Gupta, R S 087262
Gupta, S 082634
Gupta, S 089270
Gupta, S C 089097
Gupta, S K 087685
Gupta, S K 088409
Gupta, S K 092203
Gupta, S N 092177
Gupta, S R 087403
Gurgel Filho, O A 086007
Gurtler, D 085226
Gurtler, H 084029
Gurtunca, S 084427
Gusarova, IU N 082306
Guseinov, V A 087451
Guseinova, S O 086776
Gusev, M V 087450
Gustafson, M D 091286
Gustafson, P 085085
Gustafsson, M 086395
Gutenmann, W H 090343
Gutenmann, W H 090348
Gutierrez,a J 084436
Gutkin, V S 085464
Gutschmidt, J 083174
Guven, K C 087301
Guy, E J 083535
Guy, E J 083536
Guy, R D 091108
Guymon, G L 092318
Guzera, J 086222
Guzun, N I 087153
Gwadz, R W 090706
Gwazdauskas, F C 084854
Gwiazda, M 089771
Gwynn, G R 087166
Gyimesi, V 085344
Gyles, C L 085313
Gyurjan, I 087690
H Beganovic, A 082893
H Beganovic, A 082894
Haag, J 084024
Haalstra, R T 084706
Haalstra, R T 085524
Haan, F A M de 091950
Haan, F A M de 092410
Haard, N F 088085
Haard, N F 089514
Haarlov, N 090976
Haas, G E 090233
Haase, E F 086627
Habermalz, D 085287
Habib, M S 087531
Habu, A 091003
Habu, A 091048
Hack, K H 083420
Hackes, P 092376
Hackman, W 090821
Hackman, W 091045
Hadidi, A 089423
Hadley, N F 090464
Hadorn, H 082718
Hadorn, H 083253
Hadwiger, L A 089201
Hadzihalilovic, F 082893
Hadzihalilovic, F 082894
Hadzovic, S 084355
Hadzovic, S 084359
Hadzovic, S 085801
Hadzovic, S 085804
Haehnel, W 087278
Haeussner, T E 092137
Hafeez, M 086053
Hafez, M 090099
Hafley, W L 085850
Hafs, H D 084928
Hafsa, M 089103
Hagaman, E W 088151
Hagaman, W 087216
Hagan, R M 087322
Hagan, R M 092097
Hagedorn, D J 089537
Hagedorn, H 085867
Hageman, R H 086903
Hagemann, O 088322
Hagemann, O 091800
Hagemann, O 091802
Hagen, A 092343
Hagen, K W 085210
Hagenstein, P R 085947
Haggag, M Y 087554
Haghiri, F 087815
Hagii, H 083825
Haglund, W A 089736
Hagman, M 085820
Hagstrommer, E 082257
Hahlbrock, K 087971
Hahn, C 082993
Hahn, G 084772
Hahn, G 085644
Hahn, H 083263
Hahn, M 091335
Hahn, O 082069
Hahtola, K 085972
Haight, J C 087674
Haile, D G 089916
Hair, J A 090677
Haire, P L 082888
Haire, P L 090384
Haise, H R 092156
Haislip, M P 088699
Hajduk, V 085549
Hajek, A S 084247
Hakansson, S 089596
Halasz, N 090424
Halberg, F 088161
Halberstadt, K 091094
Halbert, M 084048
Haldane, J B S 090673
Haldasz, A 085908
Halden, W 083350
Halder, G 084511
Hale, M E 086826
Hale, M G 087838
Hale, O M 084517
Hale, R A 086196
Hale, R W 083223
Halford, R E 088472
Halford, S A 089624
Hall, A J 084584
Hall, C F 085278
Hall, C F 085280
Hall, D H 089062
Hall, D H 089454
Hall, D O 087252
Hall, E G 082396
Hall, E G 083710
Hall, E G 083737
Hall, H H 082602
Hall, I V 088049
Hall, J B- 086392
Hall, J C 090946
Hall, M H 090249
Hall, M T 086718
Hall, N 086358
Hall, N 086359
Hall, N 086360
Hall, N 086361
Hall, N 086362
Hall, N 086363
Hall, N 086364
Hall, N 086365
Hall, N 086366
Hall, N 086367
Hall, N 086368
Hall, N 086369
Hall, N 086370
Hall, N 086371
Hall, N 086372
Hall, N 086373
Hall, N 086374
Hall, N 086375
Hall, N 086376

Hall, N 086377
Hall, N 086378
Hall, N 086379
Hall, N 086380
Hall, P J 083533
Hall, P J 083534
Hall, P J 088335
Hall, P J 088336
Hall, R E 084728
Hall, V L 089600
Hallauer, A R 086898
Haller, K G 088286
Haller, W T 089660
Halls, N A 084109
Halow, J 082437
Halteren, P van 089568
Hameed, N 088287
Hameed, N 088289
Hamid, A 090867
Hamilton, J 083908
Hamilton, R H 087411
Hamilton, R H 087766
Hamlin, F 084998
Hamlin, R L 085044
Hamm, R 083423
Hamm, R 083493
Hammad, S M 089839
Hammad, S M 089840
Hammad, S M 090092
Hammad, S M 090093
Hammad, S M 090280
Hammad, S M 090807
Hammad, S M 090809
Hammad, S M 090810
Hammad, S M 090811
Hammad, S M 090812
Hammer, D I 092380
Hammes, P S 088183
Hammett, H L 083815
Hammett, H L 088819
Hammond, C T 086707
Hammond, R C 085696
Hammond, R K 087932
Hampson, J W 083457
Hampson, M C 089186
Hamran, M 089167
Hamroll, B 089627
Hamroll, B 091560
Hamzi, H Q 087662
Hanaoka, M 087609
Hanawalt, P C 087471
Hancinsky, L 086674
Handa, K L 083205
Handa, K L 087582
Handley, T M 084574
Hangyal, T 086021
Hani, H 085498
Hani, H 085499
Hanker, I 089979
Hanker, I 090432
Hanna, J D 091963
Hanna, J G 082745
Hanna, M A 089808
Hanna, R L 089963
Hannack, H 083030
Hannapel, R J 087430
Hannapel, R J 091646
Hannaway, C 087349
Hannigan, M V 083393
Hannigan, M V 084758
Hanrahan, J P 084819
Hanrahan, T J 083946
Hans, J C 082673
Hansch, C 088979
Hansel, H 087178
Hansen, A P 083124
Hansen, A P 089107
Hansen, A P 092223
Hansen, A P 092402
Hansen, C 089485
Hansen, H J 085765
Hansen, H W 089041
Hansen, L R 089175
Hansen, M F 085264
Hansen, N H 085072
Hansen, P 091989
Hansen, R K 084721
Hansen, T 089484
Hansen, V 084479
Hanslas, V K 083612
Hansom, O P 086107
Hanson, J B 088155
Hanson, L E 085265
Hanson, L E 085269
Hanson, M 082045
Hanson, R G 089669
Hanson, R P 085272
Hanson, W D 086926
Hanson, W D 087730
Hanssler, G 089180
Hansson, A 091083
Hansson, K A 091919
Hanuss, K 089523
Haque, R 090339
Haque, S Q 089384
Haque, S Q 090071
Hara, H 086465
Hara, H 088562
Hara, M 082929
Hara, T 083157
Hara, T 083158
Harada, Y 082736
Harada, Y 089063
Haragsim, O 090473
Haramoto, F H 090018
Harata, R 088795
Harb, M 084566
Harbaugh, B K 089990
Harbers, L H 084548
Harbison, C F 090779
Harcourt, R A 085567
Hardcastle, J E 087430
Hardcastle, J E 091646
Harden, J 091103
Harder, D E 089298
Harder, J A 092158
Hardie, A D K 086127
Hardin, N F 082689
Harding, J A 089922
Hardt, H 088039
Hardt, H 088124
Hardy, R J 089854
Hardy, R M 085607
Hardy, R M 085609
Hardy, R M 085769
Hardy, W D 085625
Hardy, W E 081939
Hare, R C 089216
Haresign, W 084865
Haridas, P 089706
Haridas, P 089707
Hariharasubramanian, V 089423
Haring, E 088695
Haring, H 084922
Harkiss, K J 087557
Harlan, R K 082261
Harlan, R K 088814
Harley , J D 084142
Harley, J P 085339
Harlow, R 084121
Harmati, S 082424
Harmati, S 088801
Harmon, L G 082819
Harms, F 083397
Harms, R H 084308
Harms, R H 084462
Harner, F M 086743
Harp, E R 091076
Harper, A E 084264
Harper, G J 085398
Harper, J D 090039
Harper, J L 087776
Harper, M J K 084796
Harper, P P 090576
Harper, P P 090761
Harper, R G 082376
Harpster, N K 085606
Harrington, G N 084708
Harris, A J 088473
Harris, A L 083484
Harris, D J 085647
Harris, Ddc 089298
Harris, F W 089662
Harris, H 089241
Harris, H M 083082
Harris, J L 087340
Harris, P J 086639
Harris, P V 083467
Harris, R J 089824
Harris, R J 090371
Harris, R M 087792
Harris, R W 088595
Harris, S G 085630
Harrison, A 082002
Harrison, A 082644
Harrison, A L 089184
Harrison, B A 090993
Harrison, M B 086856
Harrison, M B 088580
Harrison, M D 083697
Harrison, P 091242
Harrison, P 091244
Harry, P 089997
Harsh, G D 087267
Harsh, G D 088027
Hart, E 083931
Hart, H V 090360
Hart, I C 084228
Hartel, R 087625
Hartig, E 083055
Hartig, E 092335
Hartig, F 085653
Hartley, C W S 088968
Hartley, R C 085086
Hartman, C P 083785
Hartman, H B 090704
Hartman, J R 089313
Hartman, M 083913
Hartman, R L 086584
Hartman, W 085754
Hartmann, D 083893
Hartmann, H 085234
Hartmann, H 085235
Hartmann, H 085500
Hartmann, H 086485
Hartmann, H 088391
Hartmann, H 088850
Hartmann, J X 088177
Hartmann, P E 084240
Hartmann, P E 084241
Hartmann, R 091600
Hartsock, J G 090031
Hartsook, E W 084320
Hartung, K 085777
Hartwig, E E 089467
Hartwig, G L F 085858
Hartwig, H 089652
Hartwigk, H 085288
Harvan, D 082801
Harvan, D 087420
Harvey, D G 084351
Harvey, R G 089432
Harvey, R W 084677
Harvey, W A 089620
Harvey, W R 084852
Harvill, A M 086570
Harwalkar, M R 089923
Harwalkar, V R 083317
Harwood, V D 086247
Hasan, S 089381
Hase, T 083825
Hasegawa, A 087432
Hasegawa, M 087427
Hasegawa, T 087001
Hasel, K 085990
Haselkorn, R 086790
Haselkorn, R 089421
Haselkorn, R 089424
Hasenfuss, I 090852
Hashimoto, H 082738
Hashizume, K 083372
Hashmi, M H 086744
Hasik, Z 084011
Hasik, Z 085560
Haskins, F A 086895
Haskins, R H 086736
Hasnain, H 084866
Hassall, P 088342
Hassan, M N 087660
Hassan, S M 089839
Hassan, S M 089840
Hassan, S M 090809
Hassan, S M 090811
Hassanein, M H 089838
Hassanein, M H 089950
Hassanein, M H 089954
Hassanein, M H 089955
Hassanein, M H 089956
Hassanein, M H 089958
Hassanein, M H 090808
Hassanein, M H 090816
Hassanein, M H 090818
Hassaneyn, A 084329
Hassel de Menendez, G G 086556
Hassid, W Z 087844
Hassid, W Z 088157
Hastie, A C 086875
Hastie, A C 089010
Hata, A 085411
Hatano, K 088295
Hatch, A H 088053
Hatch, C R 085945
Hatch, J C 081930
Hatch, R C 084079
Hatch, R C 085812
Hatfield, G M 087441
Hatfield, H H 090343
Hatmaker, L J 084258
Hatmann, H 085501
Hattenschwiler, J 083240
Hattingh, H S 082033
Hatton, J V 086259
Hattori, S 086468
Hatuke, P 087699
Hauck, E 091063
Hauck, E 091066
Hauffaker, R C 087836
Haugse, C N 084650
Haugse, C N 085465
Haupt, R 085974
Haus, T E 083560
Haus, T E 088361
Hauser, E R 084841
Hauser, E R 084842
Hauser, K W 085124
Hausmann, K 086757
Hausmann, W 085074
Haussner, W 086615
Hauteville, M 088296
Havlicek, F 083378
Havlicek, F 085744
Hawa, N J 085525
Hawa, N J 085531
Haware, M P 087384
Haware, M P 089215
Hawes, C S 087256
Hawk, H W 084795
Hawke, S D 090755
Hawker, J S 087828
Hawker, J S 088138
Hawkins, M H 082321
Hawksworth, D L 086403
Hawksworth, F G 089730
Hawrysh, Z J 082725
Hawrysh, Z J 082726
Hawrysh, Z J 084146
Hawrysh, Z J 084494
Hawthorne, D C 086928
Hay, D A 090469
Hay, J D 083514
Hay, J D 083515
Hayachandran, V 091852
Hayakawa, K I 083141
Hayashi, H 082422
Hayashi, H 084606
Hayashi, H 084609
Hayashi, J 087810
Hayashi, K 083606
Hayashi, K 086268
Haydak, M H 091155
Hayes, H D 087239
Hayes, R O 090549
Haynes, F L 086857
Haynes, J W 089908
Haynes, N B 084865
Haynes, N B 085497
Hays, V 084516
Hayslip, H F 089656
Hayter, S 084768
Hayward, M D 087179
Haywood, F F 084156
Hazard, E I 090256
Hazard, E I 090257
Hazra, S K 088409
Head, J 085613
Healy, J S 084670
Healy, J S 085717
Healy, W B 084657
Heath, H 083733
Heath, R B 085121
Heathcote, G D 089902
Heather, W A 086381
Heather, W A 088997
Heaton, E K 082843
Heaton, E K 083474
Heba, E 085302
Hebal Benavides, F 091722
Hebant, C 086322
Hebant, C 087570
Hebert, J J 083675
Hebold, G 085653
Hecht, N 086772
Hecker, R J 086893
Heckroth, C W 092284
Heding, N 086093
Hedrick, H B 084832
Hedrlin, V 088939
Hee, L P van 087008
Heeb, K 086629
Heege, H J 091400
Heer, H 086751
Hefendehl, F W 087123
Hefti, J 091462
Hegedus, A 088808
Hegedus, M 082980
Hegedus, M 086327
Hegenauer, J 084310
Heger, J 084456
Hegewald, E 086582
Heggem, A 091448
Hehir, A F 083964
Heiber, J 082273
Heiber, J 082438
Heichel, G H 087729
Heichel, G H 091584
Heichel, G H 092353
Heid, W 089148
Heiden, M 082311
Heidlage, W D 082698
Heidlage, W D 083868
Heidman, J A 092266
Heigelmann, J 082167
Heilmann, P 084029
Heim de Balsac, H 090889
Heinemann, R L 090607
Heinicke, D R 088682
Heinicke, D R 088683
Heinrich, B 090669
Heinrich, G 086816
Heinrich, K 082081
Heinrich, K 092073
Heinrichs, D H 087720
Heinrichs, E A 090006
Heinze, H 081961
Heinze, H 088444
Heinze, H 091660
Heiseler, G 091824
Heisner, R W 081898
Heiss, R 082733
Heiss, R 083431
Heist, C E 085378
Helburg, L B 089232
Helburg, L B 089233
Helburg, L B 090153
Helgebostad, D A 085673
Helle, O 085192
Heller, K 083267
Heller, K 084481
Helles, F 085882
Hellrigl, B 085927
Hellwig, D H R 092246
Helm, J L 087037
Helmy, A W 091124
Helsdingen, P J van 090984
Helweg, A 089277
Helweg, A 091760
Hemadri, K 086459
Hemingway, J C 087425
Hemingway, R G 084469
Hemingway, R J 087425
Hemingway, R W 086246
Hemingway, S R 087495
Hemming, F W 088146
Hemphill, D D 082698
Hemphill, D D 083868
Hemstreet, C 089548
Henderson, D W 088350
Henderson, M 084075
Henderson, W C 091963
Hendon, J 088008
Hendricks, S B 087547
Hendrickson, F 082607
Hendrik, A 083437
Hendriks, H J 085754
Hendry, P 082325
Henin, S 092025
Henke, D E 092347
Henkel, A 088661
Henkel, A 088662
Henkel, A 091349
Henkel, A 092108
Henmi, T 090086
Henneman, H A 084602
Hennig, A 084474
Hennig, A 084645
Hennig, A 091820
Henning, W R 083458
Henningsen, K W 087842
Henricson, B 085765
Henriksen, H A 086001
Henry, D G 091942
Henry, R A 083122
Henschel, E 084281
Henschel, M J 083309
Hentze, H 084283
Heper, E 089336
Hepting, L 088546
Hera, C 087863
Herak, M 085172
Herath, H M W 087856
Herb, S F 083457
Herbert, H J 089984
Herczegh, M 087799
Herfs, A 089766
Herfs, A 090459
Hergl, E 082147
Hergl, E 091391
Herinean, I 083757
Herlyn, M 085417
Herman, B 092432
Herman, G 083814
Herman, H A 084822
Hermann, C 083396
Hermann, F J 086608
Hermann, W 083109
Hermansen, J E 086294
Hermansen, J E 089041
Hermansen, J E 089055
Hermansen, J E 089056
Hernandez Clavijo, L 083664
Hernandez, I 082983
Hernandez, I 083826
Hernandez, I 083827

Herner, R C 087122
Herner, R C 088167
Herold, M 089447
Herout, V 087485
Herr, W M 082051
Herrick, J 085687
Hersey, J 088694
Hershberger, T V 084320
Herssing, W 083996
Herth, W 086714
Hertrampf, J 084619
Hertzberg, W 083416
Herz, W 087428
Herz, W 087486
Herz, W 087487
Herz, W 087519
Heseltine, N 082029
Hess, D 082348
Hess, D 083269
Hess, D 087177
Hess, D 088232
Hess, D 088236
Hesselberg, R J 083020
Hesselholt, M 085471
Hesseltine, C W 082714
Hesseltine, C W 082715
Hesseltine, C W 083544
Hesser, E F 089663
Hestand, R S 089659
Heta, H 089360
Hetrick, F M 085263
Heuff, A 085420
Heun, E 082927
Heuschele, W P 084284
Heuser, L 081993
Heuser, S G B 090373
Heuveldop, J 088264
Hevin, M 088929
Hewitt, D 084459
Heyduk, J 085585
Heyduk, J 090833
Heyne, E G 086891
Hiai, S 088187
Hibben, C R 089383
Hickey, B C 082360
Hickman, C G 084244
Hicks, G S 087697
Hicks, N 082651
Hicks, S 085728
Hidalgo, A 084282
Hidari, H 084607
Hien, B C 090483
Higgins, H G 086105
Higgins, L C 086352
Higgins, T E 092454
Higgs, D J 084601
Higgs, T M 085389
Hilal, S H 087554
Hilali, M 085191
Hilali, M 085192
Hildahl, V 086014
Hildahl, V 086428
Hildrum, H 088043
Hildrum, K I 085603
Hildyard, P 082934
Hileman, L H 091807
Hilf, J W 092141
Hill, A 085094
Hill, C H 085406
Hill, F J 092426
Hill, F W G 085694
Hill, F W G 085736
Hill, J 089210
Hill, J H 089389
Hill, J M 087221
Hill, M H 083409
Hill, M M 082996
Hill, R L 083856
Hill, W B 090254
Hillbricht-ilkowska, A 086616
Hille Ris Lambers, D 090060
Hillel, D 091591
Hillel, Z 087272
Hilliker, F 083847
Hilliker, F 090098
Hillis, W E 086246
Hilmy, A M 090785
Hilmy, A M 090791
Hilmy, A M 090815
Himme, M van 089701
Himura, S 088430
Hinders, R 084523
Hingorani, G R 086460
Hinojosa, J 082809
Hinton, C F 082916
Hinton, H E 090680
Hintz, H F 084048
Hintze, R C 092005
Hinz, B 089429
Hinz, B 089852
Hinz, B 089991
Hinz, B 090101
Hiong Sy, S 089653
Hiramatsu, N 086750
Hirao, N 083191
Hirata, K 089269
Hirche, M 086082
Hiremath, G G 083139
Hiremath, K G 086861
Hiremath, S C 082436
Hiripi, L 090710
Hiroi, R 082160
Hirono, H 086152
Hirosaki, S 087900
Hirose, W 088797
Hirose, Y 088285
Hirotani, M 087510
Hirrig, H 089471
Hirs, J 082183
Hirschfeld, D R 087214
Hirschfelder, H 091148
Hirschmann, B 086123
Hiruki, C 089355
Hirumi, H 089375
Hisada, S 087496
Hisada, S 087498
Hisada, S 087499
Hisada, Y 086789
Hiura, U 089360
Hiyama, H 088562
Hjeljord, O 092048
Hjort, J 092251
Hlynka, I 083556
Ho, C 089825
Ho, C 090769
Ho, R H 086823
Hoarau, J 087472
Hobbs, G A 091109
Hoberg, J 091330
Hobson, G E 088127
Hochkonig, W 084515
Hock, W K 089185
Hockenberry, M 088639
Hod, I 085656
Hodder, R L 092050
Hodek, I 090514
Hodgdon, A R 086574
Hodges, T K 087851
Hodgson, J 089694
Hodkova, K 083976
Hodkova, K 091282
Hodossi, S 091928
Hoe, W J 086413
Hoe, W J 086417
Hoeg, O A 086295
Hoegh-Guldberg, O 090118
Hoegh-Guldberg, O 090987
Hoeppe, C 089574
Hoerster, T 082527
Hoffman, D M 084123
Hoffman, D M 084804
Hoffman, F 088233
Hoffman, R L 090974
Hoffmann, A 090277
Hoffmann, F 088231
Hoffmann, J 092103
Hoffmann, K 087951
Hoffmann, M 084435
Hoffmann, M 084636
Hoffmann, S E 089193
Hoffmann, Y 083605
Hofirek, B 084344
Hofle, H H 085993
Hofmann, T 087325
Hofmann, U 086730
Hofmeyr, J H 084816
Hofsten, C G von 089685
Hogan, B F 090349
Hogan, J E 085046
Hogg, W H 088759
Hogger, C 089547
Hoghooghi, N 085291
Hoglund, C R 082248
Hoglund, C R 083967
Hohenboken, W D 084842
Hohn, R B 085622
Hohn, R B 085623
Hohn, R B 085624
Hojovec, J 084011
Hojovec, J 085560
Holaday, C E 082789
Holcomb, J W Agricultural Experiment Station 091471
Holden, A V 082814
Holden, A V 090372
Holden, J 090535
Holejsovsky, J 085177
Holl, C 084380
Holl, C 084972
Holland, G L 084219
Holland, J J 085468
Holland, P 090475
Holle, R 084945
Hollingsworth, N B 088567
Hollister, T A 089614
Hollnagel, J 089604
Holloway, D M 087503
Holloway, M L 092232
Holloway, P J 087518
Hollstein, E 083073
Hollstein, E 083185
Hollstein, E 083652
Holm, A M 087677
Holm, R A 092080
Holm, S 083844
Holme, D W 084718
Holmes, B 090197
Holmes, D P 087709
Holmes, M R 085983
Holmsgaard, E 086000
Holmstead, R L 089805
Holodryha, P IA 086954
Holovlaska, H 087184
Holst, I 083009
Holst, W 083254
Holt, C E 086870
Holter, P 090756
Holubek, R 091790
Holzel, D 088391
Holzner, W 086682
Homberg, E E 087832
Hominick, W M 089784
Homrighausen, E 091840
Honda, A 092301
Honda, A 092302
Honda, F 088433
Hondelmann, W 088547
Honek, A 090514
Honemichl, K 090736
Hong, S H 092225
Honold, E 083674
Honore, S 089722
Honsch, P 084536
Hood, C E 082671
Hood, C E 083699
Hood, L F 084238
Hood, L L 082819
Hoog, G S De 089158
Hoogenhout, J 085392
Hoogerkamp, D 092396
Hoogeveen, G J 091950
Hoogeveen, G J 092410
Hoogstraal, H 090263
Hoogstraal, H 090264
Hoogstraal, H 090265
Hoogstraal, H 090980
Hoogstraal, H 090981
Hoogstraal, H 090982
Hoogstraal, H 090983
Hoogvliet, W 082205
Hooker, A L 086899
Hooker, A L 089144
Hooker, A L 089691
Hooker, W J 089441
Hooshmand-Rad, P 085525
Hooshmand-Rad, P 085531
Hootele, C 087521
Hoover, W L 086197
Hopkins, D E 090250
Hopkins, I R 084895
Hoppe, K 084518
Hopper, J E 087976
Horak, E 086494
Horanic, G 088153
Horanszky, A 092039
Horanszky, Z 091274
Horchler, A H 086145
Hordei, I A 087751
Hore, B K 088192
Hore, D E 085647
Horgen, P A 087233
Horiba, Y 086796
Horiba, Y 088282
Horie, M 085695
Horie, Y 086480
Horie, Y 091177
Horie, Y 091678
Horii, K 082046
Horirek, B 084346
Horn, T 089499
Hornar, S 083101
Hornby, D 089170
Hornby, D 091690
Horne, M L 083963
Horner, G W 084071
Horner, G W 084777
Hornicke, H 084367
Hornicke, H 084368
Hornik, A 091480
Hornish, R E 087215
Hornsby, Q 084590
Hornsby, Q R 084594
Hornsby, Q R 085645
Hornung, J 083475
Horowitz, A 086566
Horowitz, M 089630
Horowitz, M 089751
Horsburgh, R L 081905
Horsburgh, R L 089983
Horsfall, W R 090648
Horsfield, S 084718
Horsic, E 082895
Horsley, S 088761
Horst, C J G Van Der 084890
Horst, S 090285
Horster, H 088292
Horstmann, K 086500
Horstmann, K 090835
Horstmann, K 090945
Horszczaruk, F 084315
Horszczaruk, F 085129
Horton, A A 087968
Horton, J S 085870
Horton, J S 092254
Horton, M L 091648
Horton, R D 088063
Horvath, G 082132
Horvath, G 088667
Horvath, I 086276
Horvath, I 086618
Horvath, I 086619
Horvath, J 089362
Horvath, K 083061
Horvath, M 087645
Horvath, M 089855
Horvatovich, S 090876
Horvay, M S 084614
Hoshikawa, K 088311
Hoshikawa, K 091314
Hosny, M M 089952
Hosny, M M 090804
Hosozawa, S 087540
Hossain, M 086727
Hossain, M M 090204
Hossain, M M 091271
Hossner, L R 091914
Hotschl, C 091141
Hotta, H 088099
Hotta, H 088562
Hotta, T 086336
Hotta, Y 086770
Hotta, Y 086771
Hotta, Y 086772
Hotta, Y 086968
Hotta, Y 088069
Houba, V J G 092004
Houbchev, V 092148
Hougen, F W 083603
Houghton, E 090466
Houk, E J 090687
Houseworth, L D 090378
Houska, J 084457
Houska, J 084458
Houten, J G 092324
Houten, J G ten 089458
Houtman, G 090057
Houtman, G 090148
Houyez, P 090442
Hovadik, A 083007
Hoven, S P J H van 087765
Hovland, A S 087355
Hovorka, J 085556
Howard, B H 089472
Howard, B H 089473
Howard, F 088746
Howard, H W 086808
Howard, J W 082694
Howard, J W 083402
Howard, Ra A 086357
Howarth, F G 091019
Howden, H F 090926
Howe, G R 084272
Howe, J M 082906
Howe, J M 084598
Howe, R R 090465
Howell, B N 085869
Howell, G R 090035
Howell, G R 092064
Howell, M 088685
Howell, M J 085402
Howell, P J 089396
Howell, S H 086767
Hower, A A 090034
Howes, A D 084493
Howes, N K 089109
Hoyle, M C 089228
Hoyle, M C 091769
Hozyo, Y 088215
Hozyo, Y 088216
Hrabak, V 082854
Hrabetova-Uhrova, A 086498
Hradilik, J 087692
Hraska, S 086807
Hraska, S 086841
Hraska, S 086842
Hraska, S 087124
Hrdinova, A 084453
Hrdinova, A 084455
Hrdinova, A 084457
Hrdinova, A 084458
Hrdlicka, J 087877
Hrgovic, N 085184
Hrgovic, N 085186
Hrhovic, N 085183
Hrmo, V 084743
Hrubik, P 085940
Hruska, J 084903
Hrusovsky, J 083378
Hrusovsky, J 085744
Hrvcak, T 085102
Hsia, S T 083707
Hsiao, S I C 087332
Hsiao, S I C 087337
Hsieh, A 083602
Hsieh, D P H 082705
Hsieh, D P H 083871
Hsieh, D P H 087244
Hsieh, S P Y 089321
Hsu, H T 089376
Hu, C Y 088608
Huang, B E 083714
Hubac, C 087288
Hubbard, J S 091514
Hubbard, J W 082178
Hubbard, J W 082646
Hubbert, W T 084098
Hubbert, W T 085247
Huber, A 082928
Huber, B 091272
Huber, F 091140
Huber, H 083566
Huber, T L 084221
Huck, R A 083999
Huck, R A 091293
Huckabee, J W 089450
Hudsky, Z 084378
Hudson, H J 089018
Hudson, J C 089651
Hudson, J P 088407
Hudson, J S 083790
Huff, R W 084751
Huff, R W 084752
Huff, R W 084753
Huffman, D L 082749
Huffman, D L 083459
Huffman, D M 086765
Huffman, E W D 088169
Huffman, J 089754
Huffmeier, H 082208
Hugh-Jones, M 085398
Hugh-Jones, M E 085139
Hughes, D 082362
Hughes, D 083072
Hughes, G R 088827
Hughes, I W 091501
Hughes, M 090719
Hughes, P R 090172
Hughes, P R 090750
Hughes, R D 090607
Huhold, K 084886
Huisman, J 082106
Huk, W 087208
Hukuhara, T 091174
Hull, B L 085382
Hull, J W 088927
Hume, C 085211
Hume, D L 082392
Humes, J D 092170
Humes, P E 083969
Humes, P E 084624
Hummer, D K 089382
Humpherys, A S 091359
Humphrey, A E 083133
Humphrey, J 082960
Humphrey, J G 089015
Humphreys, T E 087817
Humphreys, W J 090578
Humphreys, W J 091139
Humphreys, W J 091142
Hums, N 083044
Huneck, S 087529
Hung, P P 085580
Huni, K 083627
Hunkel, L 083539
Hunt, C 082564
Hunter, B T 089793
Hunter, D R 087415
Hunter, L A J 085845
Hunter, P E 090565
Huntington, G L 092318
Hunyadi, K 089681
Huot, L 090189
Hurd, D A 091128
Hurd, F A 088355
Hurt, L C 082372

Hurwitz, S 084261
Hussain, T 089310
Hussein, M F 085188
Hussein, M F 085189
Husson, H P 087500
Huston, K 085632
Hutchens, P A 088740
Hutchins, R F N 090696
Hutchinson, B D 085000
Hutchinson, B D 085610
Huth, F 084520
Huttinga, H 089354
Huttinga, H 089357
Huttinga, H 089426
Hutton, D G 089197
Hutton, D G 089545
Huu-Hai, V 089437
Huygelen, C 085491
Huylebroeck, J 091595
Huystee, R B van 087711
Hyde, K W 088527
Hyde, L C 087242
Hymowitz, T 087696
Hynes, H B N 090759
I'so, A 088808
IAkovlev, P M 083766
IAkovlev, V G 083284
IAkubov, Kh F 088957
IAnishevskii, F V 091999
Iannelli, P 088417
IAshovs'kyi, I V 086943
Ibaragi, J 085652
Ibaraki, A 090109
Ibaraki, A 090504
Ibragimkhodzhaeva, M P 087657
Ibragimkhodzhaeva, M P 087910
Ibragimov, A P 087657
Ibragimova, Kh I 083525
Ibrahim, I A 089439
Ibrahim, I K A 089438
Ibrahim, I K A 089439
Ibrahim, I K A 089584
Ibrahim, K A 087635
Ibrahim, M M 090786
Ibrahim, M M 090801
Ibrahimov, Sh I 086947
Ichihara, T 085411
Ichikawa, N 083825
Ichitani, T 089165
Idris, O F 085799
Igarashi, B 085833
Igarashi, K 082845
Igarasi, T 084418
Igaunis, G 086039
Igaunis, G 088278
Igel, H 087228
Igel, H 092016
Ignatova, V P 091701
Ignoffo, C M 089890
Ignoffo, C M 090027
Ihrig, D 092259
Iida, S 082497
Iida, S 083781
Ikan, R 090639
Ikebe, K 082741
Ikeda, M 087608
Ikegami, Y 082836
Ikegami, Y 082837
Ikegami, Y 082838
Ikuma, H 087834
Ikuma, H 087841
Ikuta, H 088893
Il'ina, M D 087972
Il'vitskii, N A 083591
Iles, J F 090670
Ille, A M 083574
Ille, C 083574
Illes, J 084963
Illingworth, D V 084868
Illner, F 085233
Iltis, H H 086474
Ilyas, M 088287
Ilyas, M 088289
Imada, K 092390
Imada, M 086042
Imai, M 088435
Imai, M 091386
Imamura, K 085968
Imata, M 085967
Imazeki, R 086309
Imbamba, S K 088021
Imura, E 091922
Imura, K 082100
Imura, K 083926
Inagaki, H 090819
Inagaki, I 087496
Inagaki, I 087498
Inagaki, I 087499
Inaoka, M 087360
Inaoka, M 087361
Ingalsbe, G 082442
Inge-Vechtomov, S G 087163
Ingh, S G A M Van Den 085733
Ingham, H R 082763
Ingle, J 086885
Ingle, T R 083659
Inglett, G E 082961
Inglett, G E 083548
Ingr, I 083360
Ingr, I 083361
Ingr, I 085466
Ingr, I 085467
Ingram, B F 091258
Ingram, D L 084267
Ingram, D L 084268
Ingram, D L 085657
Inigo, Leal B 082844
Inkson, R H E 087770
Innerarity, L T 087896
Innes, M L 086888
Innes, N L 086917
Innis, G S 086653
Ino, T 084765
Ino, T 085092
Inokuchi, T 091175
Inosaki, M 088099
Inoue, H 086312
Inoue, H 088096
Inoue, K 085217
Inoue, O 087496
Inoue, S 082578
Inoue, T 087506
Inoue, Y 087276
Inouye, T 089359
Inouye, T 089360
Inouye, T 089364
Inouye, T 089365
Inskeep, E K 084838
Ioffe, G S 087737
Ioffe, G S 089634
Ioltukhovskii, M K 088203
Ionescu, A I 083100
Ionescu, F 087863
Ionescu, I 083579
Iqbal, J 087981
Iras, J 085101
Irbrovic, M 084360
Ireys, A R 088723
Irla, E 091464
Irla, E 091465
Irsara, A 085248
Iruthayaraj, M R 091850
Irvin, A D 090284
Irvin, A D 090297
Irvine, D M 083319
Irvine, W J 087891
Irving, R S 087132
Irwin, M I 082966
Irwin, W E 087270
Isanbaeva, G S 086613
Isanbaeva, G S 091770
Isebrands, J G 086786
Isensee, E 091932
Isfan, D 087863
Ishak, M M 087394
Ishihara, M 089518
Ishihara, R 083519
Ishihara, T 090936
Ishihara, T 090937
Ishihara, T 090937
Ishii, C 082399
Ishii, K 089813
Ishii, M 089224
Ishii, M 089351
Ishii, M 089390
Ishii, Y 090399
Ishikawa, K 084280
Ishima, N 083159
Ishisaki, M 088792
Ishizaki, M 082734
Ishize, M 083825
Isik, M 089994
Ismail, A A 083234
Ismail, A A 083235
Ismail, A A 083236
Ismail, A A 083381
Ismail, A A 083385
Ismail, I I 089836
Ismail, I I 089837
Ismail, I I 089878
Ismail, I I 090793
Ismail, I I 090795
Isobe, M 091897
Isselstein, R 091475
Iswaran, V 087454
Iswaran, V 088459
Iswaran, V 091578
Iswaran, V 091676
Iswaran, V 091776
Iswaran, V 091947
Iswaran, V 091948
Itagaki, R 087782
Ito, A 087281
Ito, M 088427
Ito, P J 089491
Ito, R 084280
Ito, R 087006
Ito, S 087704
Ito, S 091014
Ito, T 091152
Ito, T 091177
Ittrich, G 084889
IUdin, G A 085454
IUdin, N F 085454
IUldashev, E 090883
IUnuskhanov, Sh 087657
IUnusov, I 088954
IUrgin, S A 084697
IUrkov, V M 091285
IUsupova, K N 086338
Ivan, V 083808
Ivanov, IU A 086763
Ivanov, O G 087452
Ivanov, V P 087743
Ivanova-Kasas, O M 090581
Ivanova, I P 088905
Ivanova, V 091186
Ivanovskaia, E V 086763
Iversen, B 082150
Ives, W G H 090104
Ives, W G H 090490
Ivey, M C 090349
Iwakiri, M 083190
Iwamoto, M 085837
Iwamoto, T 087360
Iwamoto, T 087361
Iwasaki, I 088023
Iwasaki, K 083135
Iwase, N 084611
Iwata, S 091762
Iwata, Z 090140
Iwata, Z 090729
Iyengar, N S 082243
Iyer, P K R 084189
Iyer, P K R 085678
Iyer, R N 088066
Izadpanah, K 089372
Izaki, M 088562
Izawa, K 087506
Izhar, S 087109
Izumi, K 087569
Izumiyama, Y 088435
Izumiyama, Y 088436
Izumiyama, Y 091386
Izutani, S 083331
Izzo, R 083092
Jablonski, B 087865
Jablonski, B 087866
Jack, E A 083916
Jackman, R 085758
Jackson, C G 089810
Jackson, J 086902
Jackson, J 089296
Jackson, L 089694
Jackson, L K 088679
Jackson, L K 089462
Jackson, S M 086818
Jacob, A 089849
Jacob, M 090741
Jacobs, D E 085298
Jacobs, F J 091117
Jacobs, H L 088846
Jacobs, M M 087619
Jacobs, M R 085923
Jacobs, S C 081893
Jacobs, S W L 086725
Jacobsen, S 092098
Jacobson, B S 087960
Jacobson, G S 085272
Jacobsz, J Z H 084487
Jacquemart, J 082786
Jacquemart, J 083583
Jacquet, J 082882
Jacquet, J 083374
Jacquet, M 084984
Jadhav, V K 086601
Jadhav, V K 086604
Jaeger, K 090146
Jaeger, K 092406
Jaenicke, L 084139
Jaganathan, T 089352
Jagannath, M S 090633
Jager, O 085417
Jagerhuber, P 082709
Jagos, P 084344
Jagos, P 084346
Jagschitz, J A 089666
Jahn, E C 086257
Jahn, O L 083698
Jain, B K S 092218
Jain, D K 086166
Jain, D K 087357
Jain, H K 088770
Jain, L R 082243
Jain, N K 083599
Jain, N K 091379
Jain, P C 090240
Jain, R P 088492
Jain, S C 087406
Jain, S C 087447
Jakimow-Barras, N 088134
Jakobsen, P 091826
Jakobsson, B 082959
Jakobsson, B 083462
Jaksic, B L 085549
Jaksic, S 084745
Jakubczyk, E 084690
Jalali, B 089053
Jalas, J 086578
Jalut, G 086617
Jamblinne de Meux, A de 086078
Jambunathan, R 084559
James, J W 090465
Jana, B B 086454
Jana, B B 092114
Janakiraman, K 084198
Jancey, R C 087053
Jancey, R C 087054
Jand, S K 085367
Jandaik, C L 089084
Janecke, D 083700
Janevski, K 084360
Janiak, T 085715
Janicek, G 083230
Janick, J 086938
Janicki, J 083654
Janiszewski, L 090437
Jankiewicz, L S 087991
Jankovic, A 082760
Jankovic, B D 084037
Janos, M 087299
Jansen, G R 084658
Jansen, J J 086679
Jansen, W 089134
Jansky, K 092300
Janzen, D H 090083
Jara, J 091430
Jardine, P 085847
Jarman, G M 090680
Jarosz, S J 084900
Jarre, P 092230
Jarvis, B 082746
Jarvis, C 082342
Jarvis, P G 086669
Jarvis, S C 087859
Jarvis, S C 091692
Jasinski, Z 091208
Jaskiewicz, W 091716
Jaskiewicz, W 091717
Jasper, R F 083156
Jastak, Z 084288
Jastorff, B 087271
Jaszai, V E 090441
Jauert, R 088322
Jauert, R 091800
Jauert, R 091802
Jaurihar, S S 087407
Javed, Z U R 089006
Jaworowski, M 085716
Jaworska, H 090606
Jaworski, A J 087233
Jay, E G 090201
Jay, S C 091120
Jay, S C 091156
Jayachandran, P 083322
Jayakar, S D 090673
Jayaraj, A P 083786
Jayaram, M 089823
Jayaraman, N 086862
Jayasankar, A K 083094
Jayasankar, A K 086168
Jayme, G 086199
Jayme, G 086210
Jaynes, H O 083327
Jaynes, O 088871
Jazdowska-Zagrodzinska, B 090602
Jedlicka, Z 084456
Jeffers, C B 085638
Jeffers, T K 085405
Jefferson, L 089183
Jeffries, C J 088118
Jelem, H 086003
Jelenc, F 086555
Jelic, T 084397
Jelinek, E 091659
Jelinek, E 092215
Jellema, A 083364
Jellema, A 083365
Jelowicki, S 084920
Jenkins, L D 087726
Jenkins, N 082674
Jenkins, P T 089285
Jenkins, R B 085637
Jenkins, R E 092310
Jenkins, R G 086909
Jenkinson, D Mc 084115
Jennings, D L 088050
Jensen, F H 090963
Jensen, H E K 088924
Jensen, H K 090988
Jensen, J H 082051
Jensen, M C 092122
Jensen, P A 090963
Jensen, R G 083301
Jensen, R G 087847
Jensen, S G 084939
Jensen, V 091564
Jentsch, W 084059
Jericho, K W F 085564
Jeris, J S 091828
Jermoljev, E 087156
Jermoljev, E 089404
Jermy, S 088367
Jeroch, H 084645
Jerome, R 085825
Jevtic, S 089564
Jhooty, J S 089077
Jimeno, F 088090
Jimeno, F 090353
Jindal, J K 089301
Jindal, J K 089302
Jiricka, M 082110
Jo, J 086241
Jo, J 086243
Jo, J M 086242
Jocic, B 087881
Jocque, R 090905
Jodai, S 086200
Jodai, S 086201
Jodha, N S 082125
Jodha, N S 082230
Joffe, A Z 089176
Joffe, A Z 089370
Johannlukens, E 082303
Johansen, C 090317
Johansen, C 091122
Johansen, H B 089041
Johansen, H E 082465
Johansen, V 086002
Johanson, R R 090161
Johansson, C J 084093
Johl, S S 082135
John, H H 085945
Johns, B L 092366
Johns, E B 083596
Johnselius, I 082294
Johnsen, K 091217
Johnsen, P 090745
Johnsen, P 091012
Johnson, D 089633
Johnson, D 091872
Johnson, F L 086686
Johnson, F L 087889
Johnson, G 085636
Johnson, G R 087066
Johnson, J C 084586
Johnson, J E 082275
Johnson, J H 085535
Johnson, J H 085561
Johnson, L W 085676
Johnson, N E 090119
Johnson, R D 082456
Johnson, R H 084071
Johnson, R H 084777
Johnson, R K 084850
Johnson, R R 084215
Johnson, R R 084597
Johnson, V W 084584
Johnson, W A 088567
Johnson, W H 083678
Johnson, W R 083223
Johnson, W S 082684
Johnson, W S 084068
Johnston, A E 091980
Johnston, G C 090255
Johnston, R S 085872
Johnston, S D 085205
Johnston, W S 085565
Johnstone, D E 090929
Johnstone, D R 090338
Johri, T S 084545
Johri, T S 084554
Jolliffe, P A 087707
Jolliffe, V A 088078
Jona, R 082140
Jonas, J J 083326
Jones, 085813
Jones, A 090358
Jones, A L 089213
Jones, A L 089549

Jones, A R 082637
Jones, A R 088874
Jones, B F 090225
Jones, C E 091808
Jones, D 089009
Jones, D A 086933
Jones, D B 086299
Jones, D H 087891
Jones, E 082654
Jones, E 082994
Jones, E D 086856
Jones, E D 088580
Jones, E F 085015
Jones, E W 087102
Jones, E W 087103
Jones, F G W 089899
Jones, F T 083550
Jones, G 087364
Jones, G A 089969
Jones, G H 090515
Jones, J B 089524
Jones, J C 090477
Jones, J E 085689
Jones, J H 089451
Jones, L H P 087859
Jones, L H P 091692
Jones, L S 090061
Jones, L S 090062
Jones, R A 087515
Jones, R F 090632
Jones, R G W 087469
Jones, R J 088337
Jones, R J 091982
Jones, R M 085570
Jones, R N 084079
Jones, R N 085812
Jones, V A 092223
Jones, V A 092402
Jones, W A 084931
Jones, W W 087941
Jones, W W 091602
Jong, B de 091257
Jong, B de 092128
Jongeling, C 084941
Jonlija, R 090290
Jordan, H E 085285
Jordan, L S 088078
Jordan, M S 090768
Jordan. T D 088834
Jordan, W P 086408
Jorgensen, C A 086650
Jorgensen, C A 088368
Jorgensen, H 082847
Jorgensen, H 082919
Jorgensen, H 083339
Jorgensen, J L 082174
Jorgensen, N A 084856
Jorgensen, N A 084857
Jorna, T 084705
Joseph, K C 083322
Joseph, K T 091892
Joshi, B P 085680
Joshi, B S 087613
Joshi, H M 082269
Joshi, H S 084271
Joshi, K G 088453
Joshi, L K 089085
Joshi, L K 089239
Joshi, L K 089320
Joshi, L M 089070
Joshi, M G 087181
Joshi, R L 087652
Joshi, S N 091910
Joshi, V K 084186
Jost, M 087880
Joubert, D M 084003
Jousier, X 083375
Jouvenaz, D P 090253
Jovanovic, B 084338
Jovanovic, M J 084336
Jovanovic, M J 084343
Jovanovic, S 085979
Jover, A 084064
Jovet-Ast, S 086554
Jovet-Ast, S 086561
Jovic, M 084959
Joyce, J R 085504
Joyner, B G 089187
Joyner, B G 089705
Ju, J S 084660
Juchault, P 090415
Judd, W W 090143
Judd, W W 090542
Judel, G K 091839
Juetten, R L 092157
Juhasz, J 082131
Juhasz, M 086326
Juhlin, L 082881
Julen, G 088320
Julia, J F 089937
Julien, R 088174
Juling, D 091824
Jumar, A 089627
Jumar, A 089846
Jumar, A 091560
Jung, H 086241
Jura, C 090582
Juracsek, G 092260
Jurco, V 084379
Juskauskas, J A 092190
Just, G 091496
Just, G 091497
Juste, C 087993
Juszkiewicz, T 082849
Juszkiewicz, T 090357
Kaaden, O R 085323
Kaarstad, O 092106
Kaastra-howeler, L H 091682
Kabanov, V V 088029
Kabaria, M M 091910
Kabeerathumma, S 089987
Kabelitz, E 086148
Kabzems, A 085969
Kabzems, A 091734
Kacerovsky, O 084456
Kachel, K 088327
Kachel, K 088660
Kachel, K 091348
Kachel, K 092082
Kacso, A 089532
Kadam, S S 087818
Kadarsan, S 090263
Kadarsan, S 090980
Kaderavek, G 083332
Kadic, M 084357
Kadic, M 085160
Kadic, M 086090
Kadous, E A 088983
Kadous, E A 089593
Kadous, E A 089594
Kadziolka, A 085716
Kaesberg, P 089353
Kaeser, W 091138
Kaess, G 082815
Kaess, G 083469
Kafkafi, U 091607
Kagan, F 089534
Kagawa, K 088426
Kagawa, K 089115
Kagawa, K 091922
Kagawa, T 087548
Kagramanova, F V 086780
Kahl, G 087385
Kahlon, A S 082127
Kahlon, A S 082365
Kahlon, P S 088493
Kahn, M I 087261
Kahoun, J 084381
Kahovcova, J 090230
Kahovcova, J 090519
Kain, W 083819
Kaiser, P 089744
Kaiser, R 083980
Kajaba, I 082979
Kajie, A 083925
Kajihara, M 088277
Kajita, H 090055
Kakade, M L 084459
Kakar, P C 083990
Kakihara, H 083862
Kakihara, M 086040
Kakkar, R K 087597
Kakkar, R K 087602
Kaku, H 089255
Kaku, H 089256
Kalab, M 083317
Kalatozova, G B 092060
Kalavsky, M 082083
Kalavsky, M 082084
Kalbande, A R 082570
Kalbande, A R 091876
Kalbe, L 086455
Kaliagina, L G 086848
Kaliagina, L G 087168
Kaliannan, K 085925
Kalinke, H 082217
Kalinke, H 088616
Kalishina, L N 087567
Kaliuta, L F 083591
Kalloo, K 087128
Kalmbacher, G 086286
Kalous, J 084452
Kalous, J 084453
Kalous, J 084454
Kalous, J 084455
Kalous, J 084456
Kalra, D S 085080
Kalra, D S 085370
Kalra, D S 085526
Kalustian, P 083193
Kaluza, G 085582
Kalynychenko, I M 086952
Kalynychenko, I M 088067
Kamal, A 092192
Kamano, S 089971
Kamano, S 090828
Kamat, D N 090434
Kamat, D N 090435
Kamat, V N 087613
Kamata, E 082599
Kambarov, Kh 086849
Kamber, P 083727
Kamel, A A M 089864
Kamel, A A M 089883
Kamel, A A M 089886
Kamel, A A M 089888
Kamel, M Y 088131
Kameoka, H 083191
Kameyama, T 091179
Kaminaka, S 085932
Kamins'kyi, A M 086946
Kamionek, M 090411
Kamiya, N 087290
Kamiyama, S 087987
Kammen, A van 089416
Kammer, A E 090523
Kammer, A E 090669
Kammerer, F X 083255
Kampert, M 091713
Kampfe, K 091804
Kamphuisen, H A C 085754
Kamprath, E J 091749
Kamra, O P 090742
Kan, C 087216
Kanagawa, Y 086268
Kanai, R 086804
Kanaujia, R S 089275
Kanaujia, R S 089408
Kanazir, D T 084028
Kandaswami, C 087417
Kandaswamy, T K 089352
Kandil, M 089892
Kandov, A I 086847
Kaneda, H 086176
Kaneda, H 086183
Kaneda, T 082846
Kanehiro, Y 091898
Kanehisa, K 089936
Kanehisa, K 090752
Kanehisa, K 090753
Kaneko, J J 085737
Kaneko, K 087507
Kaneko, S 082701
Kaneko, S 082702
Kaneko, S 082703
Kaneko, S 085412
Kang, M S 089244
Kang, S 086243
Kania, B F 085483
Kania, W 087294
Kanmiya, K 091004
Kann, G 084741
Kann, G 084742
Kannan, S 087761
Kannangara, C G 087960
Kanoh, S 082740
Kanuk, M J 083623
Kanwar, J S 088189
Kanwar, J S 088190
Kanwar, J S 088458
Kanwar, J S 091909
Kanwar, J S 092370
Kanzaki, K 085935
Kanzawa, K 088426
Kanzawa, K 089115
Kanzawa, K 089121
Kanzawa, K 089122
Kao, K N 088177
Kapadia, G J 087445
Kapil, R P 090198
Kapil, R P 090725
Kapinos, G E 086775
Kapinos, G E 086776
Kaplan, D M 087221
Kapoor, J N 086461
Kapoor, J N 089081
Kapoor, J N 089084
Kapoor, K N 085352
Kapoor, S P 089399
Kappes, R 091347
Kappes, R 092083
Kapteyn, H 087605
Kar, M 087827
Kar, S 087855
Karacinque, R 088065
Karamathullah, N 082436
Karas, I 086815
Karasawa, Y 084599
Karathanases, E 082748
Kardakov, V P 091198
Karel, M 083053
Karel, M 083054
Karel, M 083144
Karikari, S K 088950
Karimov, E K 092263
Karimova, M M 089578
Karira, B G 086166
Karki, A B 089744
Karlander, E P 087119
Karlberg, S 089267
Karlova, M 085173
Karlovic, M 085553
Karlsson, H 091340
Karmemoto, H 086350
Karnani, J T 087733
Karpovich, A L 090665
Karsemeijer, M M D 090058
Kartnig, T 087561
Karue, C N 084567
Karwat, Z 084883
Kas'ianov, A N 085444
Kasapligil, B 086492
Kasha, K J 086884
Kasha, K J 086886
Kashino, M 087901
Kashino, M 091990
Kashiwa, T 090388
Kashiwagi, I 087927
Kashiwagi, K M 083222
Kashiwakura, Y 087868
Kashkovskii, V 091195
Kashkovskii, V G 091191
Kasiviswanathan, K 088781
Kassner, R J 087255
Kassrawi, M 087170
Kaszab, Z 090879
Kaszab, Z 090943
Kaszubiak, H 091711
Kaszubkiewicz, C 084683
Kaszubkiewicz, C 085787
Katagi, I 088436
Katagiri, K 086997
Katagiri, S 086671
Kataria, A S 086971
Kates, J R 090632
Katewicz, Z 083662
Katewicz, Z 083906
Katic, R 085547
Katiyar, R C 084190
Katiyar, R C 084541
Katner, A S 087216
Kato, K 084159
Kato, K 084532
Kato, K 084533
Kato, K 087281
Kato, K 088404
Kato, M 086330
Kato, N 087540
Kato, R 085933
Kato, R 086186
Kato, S 085412
Kato, S 088216
Kato, T 091792
Kato, Y 082214
Kato, Y 090676
Katoh, T 086043
Katsigiannes, S 083280
Katsumura, K 082734
Katterman, F R H 087120
Katz, M 084261
Katz, S E 091809
Kauffman, H E 089321
Kauffman, S A 090783
Kaufman, J 089154
Kaufman, J 089226
Kaufman, P B 087834
Kaufman, P B 087841
Kaufman, W 084863
Kaufman, W C 085149
Kaufmann, H G 091885
Kaufmann, I 090308
Kaufmann, I 091059
Kaugars, G 089807
Kaul, G L 088197
Kaul, R N 082142
Kaun, R 085322
Kaun, R 085324
Kaushal, B S 084552
Kaushal, B S 085678
Kaushal, B S 085679
Kaushal, P K 091877
Kavimandan, S K 091784
Kavli, E 082567
Kavtaradze, L K 088208
Kawabe, J 086189
Kawabe, J 086190
Kawabe, J 086191
Kawada, H 091650
Kawaguchi, K 087510
Kawaguchi, K 088312
Kawaguchi, K 091758
Kawahar, T 090390
Kawahara, K 082423
Kawahara, T 082890
Kawahara, T 089280
Kawahara, T 090097
Kawahara, T 090385
Kawahara, T 090386
Kawahara, T 090389
Kawahara, T 090391
Kawahara, T 090392
Kawahara, T 090393
Kawahara, T 090394
Kawahara, T 090395
Kawahara, T 090396
Kawahara, T 090397
Kawakatsu, M 087001
Kawamoto, S O 089154
Kawamura, M 082999
Kawamura, M 090043
Kawanami, G 082185
Kawano, N 087501
Kawano, N 088287
Kawano, N 088289
Kawasaki, H 082740
Kawasawa, T 089848
Kawatoko, T 085856
Kay, H W 083262
Kay, J G 089002
Kay, J G 089003
Kay, W 085620
Kay, W J 085616
Kay, W J 085617
Kaya, H K 090111
Kayahan, S 092122
Kayamura, T 091178
Kayashima, I 089977
Kaye, J S 090463
Kayser, S G 082953
Kayumi, S 087431
Kazakov, N A 085453
Kazanbiev, Kh K 091706
Kazar, G 085344
Kazic, D M 085551
Keane, M 083945
Keane, M J 082139
Keane, M J 083296
Kearby, W H 090128
Kearney, J W 082828
Kearney, J W 083325
Keating, T J 092277
Keatley, J 090402
Kecskes, A 083434
Kedar, N 088065
Kedary, S 085783
Keddis, M E 090800
Kedem, J 085068
Kedves, M 086327
Keefer, R F 092002
Keenan, J J 082816
Keenan, J J 083795
Keeney, P G 083140
Kees, H 089643
Keetch, D P 089791
Kefford, N P 089746
Kegg, J D 090127
Kegler, H 089334
Kehr, W R 086890
Keil, D J 086356
Keim, D L 086883
Keim, D L 087715
Keinath, T M 092265
Keino, H 090856
Keith, K 090255
Kejik, C 083912
Kekwick, G O 087964
Keldibekov, S 086456
Keldibekov, S 088954
Keller-Schierlein, W 087237
Keller, H 083997
Keller, T 088265
Keller, W 088366
Kelley, D C 082826
Kelley, D C 083471
Kelley, W N 083249
Kelling, C 085465
Kelly, C E 083147
Kelly, D F 085734
Kelly, D F 085753
Kelly, F H C 083584
Kelly, K C 084413
Kelly, W C 087942
Kelman, A 089313
Kelsey, R G 086503
Kemenes, F 085424
Kemmerer, A R 084264
Kemp, A 084656
Kemp, J D 083458
Kemper, K 082960
Kemter, H 083682
Kendall, D A 090654
Kendrick, B 086744
Kendrisic, G 085549

Keng, J C W 091601
Kennedy, B P C 082688
Kennedy, E M 086641
Kennedy, G A 085213
Kennedy, P C 090165
Kenneth, R 086407
Kenneth, R 089016
Kenney, R M 084756
Kenworthy, A L 092239
Kenworthy, R 084718
Kenzy, S G 085275
Keplinger, J A 089386
Keplinger, J A 089387
Keppler, A 085530
Kerekes, G 089533
Keresztesi, B 085909
Kerimova, A A 086773
Kerimova, A A 086781
Kerk, G J M van der 089051
Kermicle, J 087055
Kermicle, J 087056
Kermicle, J 087057
Kermode, G O 082628
Kermode, G O 082866
Kerr, K M 085278
Kerr, L B 089497
Kerr, S H 090005
Kerr, T W 090129
Kerr, W E 091160
Kershaw, K A 086646
Kershaw, K A 086647
Kersten, U 085669
Kerstens, A P C 092440
Kertesz, J 087645
Keshwal, R L 089085
Keskintepe, H 085220
Kesselhut, H 089470
Ketchie, D O 087937
Ketchie, D O 089536
Ketiku, A O 083798
Ketiku, A O 088091
Ketola, M 086207
Ketz, H A 082984
Keydel, F 087182
Keyhani, E 084794
Khadr, A A 087756
Khadr, A A 089799
Khadr, A A 089863
Khajuria, R R 083954
Khalaf-Allah, M 091778
Khalcheva, T A 091625
Khalf-Allah, M 091777
Khalidi, A 090383
Khalifa, A 089948
Khalifa, A 090712
Khalil, F M 089838
Khalil, F M 089866
Khalil, F M 089868
Khalil, F M 089869
Khalil, F M 089870
Khalil, F M 089950
Khalil, F M 089954
Khalil, F M 089958
Khalil, F M 090808
Khalil, F M 090816
Khalil, F M 090818
Khalil, M 087641
Khaliulin, G L 090764
Khamankar, Y G 088770
Khan, A A 088171
Khan, A R 084570
Khan, A W 083465
Khan, D H 089583
Khan, F M 086054
Khan, H K 081969
Khan, J A 088175
Khan, M A 083395
Khan, M A 090228
Khan, M A 091962
Khan, M I 087685
Khan, M Z 088230
Khan, N 089906
Khan, N A 082827
Khan, P A 087698
Khan, S A 082171
Khan, S A 083200
Khan, S A 084672
Khan, S U 089626
Khan, S U 091553
Khan, U 089553
Khanduja, S D 088771
Khanduja, S D 088928
Khanna, B M 084829
Khanna, N D 084199
Khanna, P 087406
Khanna, P 087447
Khanna, P N 085352
Khanna, S K 082806
Khare, M N 083599
Khare, M N 091379
Khasanov, O Kh 086691
Khastgir, H N 087530
Khatamian, H 089555
Khatsevich, N V 087884
Khayat, A 083145
Khazanov, V S 087379
Khebeshesku, I F 091457
Kheirei, A 089453
Kher, U 086752
Khlebov, P I 082182
Khodzhaev, A S 088982
Khodzhaev, Z 084010
Khoo, B K 089809
Khossussi, M 088212
Khot, J B 085369
Khramova, S I 087380
Khristov, D I 084253
Khuong-Huu, F 087527
Khuoung-Huu, Q 087592
Khurana, S C 089710
Khurody, D N 083343
Khusnutdinov, K Kh 086705
Khutsishvili, A D 083766
Khvostova, V V 086964
Kiang, Y T 087152
Kibe, M M 091671
Kidder, E H 091357
Kiddy, C A 084797
Kiddy, C A 084846
Kiefer, B I 090529
Kiekens, L 091605
Kielpinski, J 087811
Kiely, P V 091618
Kiener, A 084923
Kienholz, E W 082966
Kieninger, H 083031
Kiepe, H 091943
Kiermeier, F 082898
Kiermeier, F 083379
Kiermeier, F 083380
Kierstan, M P J 083712
Kies, C 082962
Kijima, H 090698
Kijora, C 084058
Kikuchi, M 083372
Kikudome, G Y 087027
Kikuike, K 083164
Kikumoto, T 089433
Kikutani, M 084170
Kilbey, B J 087100
Kilbey, B J 087101
Kilcher, M R 087716
Kilchsperger, G 085500
Kilchsperger, G 085501
Kilgore, W W 089105
Kilian, J 091488
Killinger, A H 085265
Killinger, A H 085269
Kim, D K 087481
Kim, H L 085794
Kim, K 086243
Kim, K C 090918
Kimball, T L 092378
Kimber, C D 085223
Kimber, C D 085596
Kimber, R W L 089556
Kimenai, M P 083364
Kimenai, M P 083368
Kimpe, C de 091549
Kimura, H 083143
Kimura, K 086789
Kimura, K 088837
Kinashi, K 086043
Kincade, P W 084122
Kinerson, R S 086670
King, A C 090303
King, J 087710
King, J W B 084770
King, M 084648
King, R C 090589
King, R C 090590
King, R C 090591
King, R C 090596
King, R C 090597
King, R C 090598
King, R C 090599
King, R C 090622
King, R M 086509
King, R M 086535
King, R M 086536
King, T P 084056
King, W 083479
Kinghorn, J R 087414
Kingma, O T 082056
Kinman, M L 089237
Kinnison, J W 083078
Kinoshita, O 082703
Kinoshita, S 090936
Kinoshita, S I 090937
Kinoshita, T 086999
Kinoshita, T 087002
Kinoshita, T 087003
Kinsella, I A 082418
Kinsella, J E 083298
Kinugawa, K 087464
Kinzel, H 086692
Kira, K 086043
Kira, K 088810
Kira, M T 089880
Kira, M T 089881
Kirby, G 084946
Kirchgessner, M 084434
Kiriakoff, S G 090906
Kiriukhin, V P 089342
Kirk, G 085875
Kirk, J E 085027
Kirknel, E 090096
Kirkpatrick, R L 089896
Kirkpatrick, R L 090200
Kirpich, P Z 092123
Kirshna, L 084189
Kirshnamoorthy, K K 091851
Kirso, J 081924
Kirson, I 087612
Kirtland, D 085691
Kishi, K 089349
Kisling, V N 090355
Kislitsina, V 091783
Kislitsina, V P 091782
Kiss, A S 087298
Kiss, L 082132
Kiss, L 082253
Kiss, L 083810
Kiss, L 088667
Kissell, L T 082713
Kita, K 085787
Kita, T 084082
Kitagawa, H 083805
Kitagawa, H 088095
Kitagawa, N 086331
Kitajima, S 088438
Kitajima, S 091655
Kitamura, T 087784
Kitamura, T 087785
Kitamura, T 091921
Kitano, Y 091315
Kitao, T 085207
Kittlick, M 085235
Kittok, R J 084928
Kitts, W D 084596
Kitts, W D 084851
Kivinen, E 082068
Kiwuwa, G H 084133
Kiwuwa, G H 084134
Kiwuwa, G H 084135
Kjellstrom, T 087670
Klaft, W 091068
Klaimi, Y Y 086927
Klapperich, J 090110
Klassen, W 090319
Klatzmann, J 082535
Klaushofer, H 083628
Klautke, S 087563
Klauzer, L 085763
Klavano, P A 085168
Klavins, V 085937
Klein, A 084027
Klein, P 090639
Klein, R M 086708
Klein, R M 087392
Kleinkopf, G E 087836
Kleinschmidt, G J 091103
Kleinschmit, J 086027
Kleinschmit, J 086076
Klekowski, E S 087219
Klem, G S 086205
Klessling, G 083037
Kleven, S H 085201
Klevtsov, V I 085881
Kleyn, D H 082343
Klide, A M 085147
Klimov, N M 085462
Klimov, N M 085463
Klingbeil, G C 088550
Klinger, L E 082742
Klingmuller, W 087110
Klinkert, L M 083005
Klisiewicz, J M 089202
Kliuchkin, V V 083590
Kliuchko, P F 088541
Klobusicky, M 085176
Klochkov, A A 085444
Kloft, F E 091068
Klooster, A Th van 084656
Klopcek, A 092075
Klopfenstein, T 084568
Kludas, K H 085232
Klueter, H H 091294
Klug, W S 090598
Kluge, E 087638
Kluge, E 089289
Klugt, N van der 091681
Klugt, N van der 092409
Klunsuwan, S 090699
Knaff, D B 087279
Knani, K 089729
Knapp, F 083940
Knapp, J E 087442
Knauer, K W 085630
Knauss, J F 089319
Knecht, C D 085636
Knecht, G N 087240
Knee, M 088137
Kneifel, H 087225
Kneifel, H 087237
Kneitz, G 085873
Kneitz, G 090834
Knifton, A 082659
Knifton, A 085171
Knigge, W 085830
Knight, A 092091
Knight, B A G 087771
Knight, E H 085419
Knight, K L 090996
Knight, W 088481
Knight, W M 082796
Knight, W M 082798
Knight, W M 083881
Knight, W M 083882
Knoll, K H 092346
Knorr, F 083041
Knorr, J 084055
Knorre, D von 091305
Knothe, A 084920
Knowles, P F 086735
Knowles, P F 087700
Knowles, P F 088348
Knowles, P F 088349
Knowles, P F 088351
Knowles, R 085005
Knowles, R 091519
Knowles, R P 085123
Knox, D 091171
Knox, F E 084586
Knox, K L 084574
Knox, K L 084658
Knutson, R D 084650
Knutson, R M 091506
Ko, J H 090156
Ko, J H 091031
Ko, T S 088249
Kobayashi, H K 087117
Kobayashi, K 085240
Kobayashi, M 086988
Kobayashi, R M 090032
Kobel, F 091210
Koblet, R 088510
Koblet, W 092055
Koblianidse, G L 083172
Koch, G 082720
Koch, G 083264
Koch, H 085234
Koch, H 085235
Koch, H J 083647
Koch, P 086134
Koch, P 086138
Koch, R M 084831
Koch, V 082425
Kochan, W J 083746
Kochman, K 084033
Kocur, J 091718
Kocwa-Haluch, R 087199
Koda, Y 085411
Kodama, H 091558
Kodrik, J 085839
Kodys, F 089947
Koegel, R G 089653
Koehler, P E 082675
Koeniger, N 091164
Koenigs, F F R 091588
Koenigs, F F R 091596
Koepf, H H 081920
Koeppe, J K 090686
Koepsell, P A 089164
Koessner, E P 092133
Kofranyi, E 082945
Kogan, M 090644
Kogon, C 085388
Kogon, C 090244
Kohalmi, K 083626
Kohel, R J 086910
Kohl, J G 087694
Kohler, E 083170
Kohler, G O 084600
Kohler, H 085322
Kohler, H 085324
Kohler, R 084283
Kohm, H J 089576
Kohm, H J 092437
Kohmann, K 086051
Kohn, H 083417
Kohnehshahri, M 082821
Koiranen, L 085516
Koizumi, O 090698
Kojima, W 081894
Kokles, R 085435
Kokorina, E P 084175
Koksharov, V 091185
Kokuuslu, C 085641
Kokuuslu, C 085643
Kolaric, S 084956
Kolattukudy, P E 084057
Kolattukudy, P E 087679
Kolattukudy, P E 087948
Kolbe, W 091957
Kolbusz, F 081980
Kolbuszewski, T 091284
Kolczak, T 084034
Kolesnikov, A A 091672
Kolhe, A K 088821
Koli, S E 088933
Koljonen, T 087596
Koljonen, T 091755
Kolk, H 089267
Kollmann, F 085834
Kolodziej, Z 083830
Kolokol'tseva, L S 087654
Kolomaznikova, J 084453
Koloziejczyk, 085787
Koltermann, R 091170
Koltin, Y 086929
Koltun, L V 087449
Kolumbic, T 085538
Komai, T 084764
Komarkova, V 088238
Komarov, N M 085108
Komarov, N M 091285
Komarov, N M 091677
Komatsu, K 083331
Komatsu, T 090863
Komlenovic, N 091754
Kon, T 087784
Kon, T 087785
Kon, T 091921
Konas, A 088935
Kondaurov, B I 085502
Kondo, H 088313
Kondo, T 082739
Kondo, T 086181
Kondos, A C 091103
Konig, H 085498
Konig, H 085499
Konig, H 092407
Konig, K 084364
Konig, W A 087237
Konigswieser, E 082312
Konijn, T M 087271
Koning, K de 088418
Koning, K de 091375
Konishi, K 087432
Konishi, T 087112
Konjin, M 082144
Kono, Y 085240
Kononenko, O I 086761
Konopatkin, A A 085449
Konrad, H 083363
Konsler, T R 088681
Konsler, T R 088829
Kool, W H 082886
Koontz, T 090734
Koontz, T 090735
Koop, H U 087571
Koopowitz, H 087930
Koorevaar, P 091589
Kopeikovskii, V M 083590
Kopel'kievskii, G V 082280
Koplik, Mrs K E 084786
Koponen, M 090870
Kopp, H 085849
Kopp, H 085994
Kopp, H 092351
Koppensteiner, G 082678
Korbobo, R P 088691
Kordan, H A 088237
Kordovski, V 092167
Korinek, J 086110
Kormilev, N A 091021
Kormos, J 084423
Kornacki, K 084653
Kornau, H 088654
Korner, N 082088
Korner, W 089128
Kornicker, W 083039
Kornmann, P 086452
Kornmann, P 087391
Korobets', P V 086954
Korodi, L 088799
Korolija, S 082758
Koromov, G P 084318
Koromyslov, G F 085462
Koronowski, P 089529
Korschelt, A 083652
Korslund, M 082962
Korslund, M K 082905
Korver, O 087366

Korzheva, G F 088032
Kosa, L 083330
Kosa, L 085413
Kosar, W F 088758
Kosarev, V A 085452
Kosek, J 091433
Koshijima, T 086119
Koshy, M M 091798
Kosmack, U 083274
Kosmack, U 084814
Kosmat, H 088396
Kosmat, H 091880
Kosta, L 087352
Kostecki, T 091456
Kostourkov, G 092167
Kostrej, A 087649
Kostrej, A 091788
Koszeghy, G 091435
Koszegi, L 088800
Kotani, Y 085651
Kotby, F A 091226
Kothari, B L 086168
Kothmann, G 085323
Kotlaba, F 086289
Kotlaba, F 086435
Kotliar, L I 083587
Kott, Y 092270
Kott, Y 092462
Kotter, C M 082117
Kotter, L 082729
Koucky, M 084736
Koudela, K 084457
Koudela, K 084458
Koukkari, W L 088161
Koutroupas, S 084249
Koutsaftikis, A 090960
Koutsouris, D 084981
Koutu, B B 086168
Kouzmov, K 092167
Kovac, A 087647
Kovacevic, J 086620
Kovacevic, J 088565
Kovacevic, J 089591
Kovacevic, J 089592
Kovacevic, J 091484
Kovachich, W G 089570
Kovacikova, F 089292
Kovacs-Proszt, G 083310
Kovacs, B 085786
Kovacs, E I 089337
Kovacs, F 084286
Kovacs, I 087920
Kovacs, I 089140
Kovacs, J 082722
Kovacs, J 084614
Kovacs, R 089855
Kovacsne, K M 089160
Koval, C F 088977
Koval'chuk, R I 086947
Kovalenko, IA R 085450
Kovalenko, IA R 085451
Kovalenko, IA R 085586
Kovalenko, S P 086956
Kovalev, L V 085110
Kovaleva, N A 084317
Kovats, L T 083063
Kovda, V A 091604
Kovda, V A 092358
Koves, E 087920
Kowal, J 092037
Kowal, R R 086568
Kowalczuk-Jakubowska, D 086221
Kowalczyk, J 084688
Kowalkowski, A 091987
Kowalski, J J 085209
Kowalski, T 082166
Kowalski, Z 082784
Koya, B 085412
Koyama, T 088794
Koyama, T 089930
Koyama, T 090730
Koz'mina, E P 083765
Kozachenko, M R 086941
Kozaki, K 082701
Kozaki, K 082702
Kozaki, K 082703
Kozhin, S A 087163
Kozlov, K 091783
Kozlov, M A 090614
Kozlowska, H 083903
Kozlowska, H 084652
Kozlowska, H 084653
Kozlowski, M 084652
Kozlowski, M 084653
Kozlowski, S 091955
Kozma, I 083062
Kozma, P 087005
Kraack, J 083428
Kraak, W 082534
Kraak, W 083047
Kraft, J M 089199
Krahwinkel, D J 085115
Krajcirova, Z 092076
Kralj, J 082895
Kramec, Z 085942
Kramer, C 083102
Kramer, W 090316
Kramer, W 092323
Kramser, P 084362
Kranz, J 086407
Kranz, J 089016
Krapf, B 088205
Krasavina, M S 087375
Krasnohorska, M 086840
Krasnook, N P 087741
Kraszewski, K 081982
Kratka, J 089293
Krause, A 086081
Krause, E 085233
Krause, E 092420
Krause, G F 084832
Krause, J 083563
Krause, W D 088684
Krausko, A 088306
Krcho, I 084666
Krebbers, G J V 088484
Krebs, C 088913
Krecmer, V 085955
Krehbiel-Grather, K 087788
Kreichi, P 084174
Kreil, G 091126
Kreissig, E 091145
Krejzova, R 087343
Krenkel, P A 092331
Kretschmer, W 091824
Kreuzer, W 082677
Krexner, R 089171
Krieger, R I 090191
Kriek, W 086048
Kriek, W 086049
Kriek, W 086050
Krishna, K S 082220
Krishna, R 082134
Krishnaiah, K S 085372
Krishnamoorthy, K K 087790
Krishnamoorthy, K K 091563
Krishnamoorthy, R V 084128
Krishnamurity, K 092191
Krishnamurthy, A 091908
Krishnamurthy, V 092201
Krishnamurti, C R 084851
Krishnan, G 090689
Krishnaswami, S 088781
Krishnaswami, S 091151
Krishnaswami, S 091912
Krishnaswamy, M A 082804
Krishnaswamy, M A 083608
Kristan, F 091977
Kristiansen, A 086398
Kristiansen, F 085671
Kristoffersen, T 082828
Kristoffersen, T 083325
Kriukova, E V 088034
Krivic, T 086837
Kriz, K 089030
Krizek, D T 087986
Krober, H 089178
Krocza, W 090404
Kroetz, M E 087814
Krog, H 086414
Krog, N 083152
Krogmann, D W 087275
Krohn, H 082656
Krohn, H 082997
Krol, M 091709
Krolak, M 085480
Kroll, J 083073
Kroll, J 087457
Kromann, R P 084575
Kroneman, J 085707
Kronfeld, D S 084240
Kronfeld, D S 084241
Kropacova, S 091089
Kropf, D H 082826
Kropf, D H 083471
Kroth, W 085922
Krotic, O 085549
Krotov, E G 083768
Krueger, H R 089108
Krueger, H R 090352
Krug, G 083851
Kruger, J J 088010
Kruikov, N N 085461
Krukoff, B A 086504
Krukoff, B A 086505
Krukoff, B A 086506
Krumbach, B 083652
Krupper, H 082146
Krupper, H 088439
Kruse, V 084130
Krutov, S M 087485
Krylov, G V 085807
Krylov, G V 085808
Krylov, G V 085881
Krylov, G V 086340
Krynski, S 090636
Krzywanek, H 084372
Krzywicki, K 083450
Ku, W C 092456
Kubas, J 087198
Kubas, J 087201
Kubati, I 085900
Kubiak, R 087199
Kubitzki, K 086477
Kubjatko, F 087650
Kubo, N 088496
Kubota, E 083158
Kubota, E 083163
Kubota, T 083825
Kuburovic, M 086836
Kuchkarova, M A 086457
Kuchkarova, M A 088959
Kucinic, D 084951
Kucukalic, E 084720
Kudlac, E 084354
Kudlac, E 085174
Kudlac, E 085760
Kudo, G 083081
Kudo, T 088267
Kudriavtsev, A A 085113
Kudriavtseva, T P 085460
Kuehn, J P 082482
Kuhl, W 084691
Kuhlborn, H 091393
Kuhlewind, C 082582
Kuhlmann, W 083411
Kuhn, C W 089379
Kuhn, C W 089425
Kuhn, E R 084239
Kuhne, F A 088010
Kuhnl, H 091302
Kuijt, J 087333
Kuijt, J 087334
Kuila, R K 083323
Kuka, A 085305
Kuka, J 091789
Kuksis, A 083302
Kukulka, I 091955
Kukuruzianu, L S 089792
Kulakov, V E 088239
Kuliakhtin, M F 088511
Kulich, J 091968
Kuliev, N A 086779
Kulieva, N A 086775
Kulieva, N A 088070
Kulikov, M I 085880
Kulikovskii, A V 091189
Kulkarni, B G 086438
Kulkarni, V B 085369
Kulkarni, V R 083659
Kulkarny, H L 082155
Kulshreshtha, R C 085370
Kulshrestha, S B 085365
Kumai, S 088991
Kumamoto, J 088078
Kumamoto, J 088162
Kumar, A 085081
Kumar, A 086460
Kumar, C V S 083784
Kumar, H D 087262
Kumar, J C 088890
Kumar, R 085058
Kumar, R 085931
Kumar, S 085352
Kumar, S 085365
Kumar, S 086972
Kumar, S 086973
Kumar, S 088877
Kumaraperumal, N 087664
Kumm, K I 082061
Kummer, V 085175
Kumra, P N 092177
Kumta, U S 083137
Kundler, P 092083
Kunishi, T 089516
Kunita, N 082741
Kunte, H 091806
Kuntze, H 092072
Kunz, C 089847
Kunz, C 090293
Kunz, O 091144
Kunz, S E 090349
Kunz, W 090600
Kunz, W 090601
Kunze, L 089312
Kunzmann, A 082239
Kupchan, S M 087425
Kuppannan, S 082358
Kuppuswamy, M 083600
Kurata, H 086151
Kurata, H 088097
Kurcman, M 089615
Kureel, A P 086032
Kurek, C 085477
Kurelec, V 084615
Kuretani, M 089519
Kurhan, N 089615
Kurian, C 089861
Kuris, A M 089478
Kuris, A M 090238
Kurkowski, J 086218
Kuroda, K 087290
Kuroda, K I 086181
Kurosa, K 091011
Kurosawa, K 083618
Kurosawa, K 088432
Kurosawa, Y 091009
Kurosawa, Y 091013
Kursa, J 085743
Kursanov, A L 087742
Kurt, A 089994
Kurtovic, J 091775
Kurtzman, R H 083550
Kurup, U U 088314
Kurusu, M 082834
Kurusu, M 083520
Kuruvilla, M A 082254
Kurz, R 083011
Kurz, W G W 087542
Kushnir, I 083466
Kushnirenko, M D 088034
Kushwaha, G S 084183
Kusiorska, K 088900
Kusiorska, K 088901
Kussmaul, K F 085518
Kusuhara, M 086989
Kuszelewski, L 091975
Kutepov, L E 087380
Kutliev, Dzh 092363
Kutsch, W 090714
Kutsenogii, K P 089834
Kutter, F 082504
Kutter, F 083841
Kutyna, I 086655
Kuvarin, V V 088540
Kuwahara, Y 086349
Kuwahara, Y 086412
Kuwano, H 087606
Kuwata, T 085241
Kuyken-Quintelier, H 086635
Kuz'mina, O V 083593
Kuzin, V F 082291
Kuzmanovic, M 084949
Kuzmanovic, M 084952
Kuznetsova, G K 087379
Kuznetsova, M A 090440
Kvaal, C 082161
Kvarberg, O C 083986
Kviesitis, B 083022
Kwain, M J 090123
Kwain, M J 090646
Kwatra, M S 085080
Kwiatkowska, E 084225
Kyle, D 087797
Kyrieieva, L K 086954
Kyselowa, K 087207
Kyselowa, K 092292
Kzekov, A 085157
L'Acqua, V 083399
La Cour, L F 086748
La Moigne, M 088447
La Moigne, M 091411
Labaneiah, M E O 083526
Labarthe, C A 084774
Labors, H 083364
Labots, H 082864
LaBrecque, G C 090291
Labrousse, G 091413
Lacey, C J 086047
Lachance, P A 082940
Lachance, P A 083791
Lacko, M 085840
Lacombe, R 091341
Lacombe, R 092023
Lacy, M L 089212
Ladds, P W 084776
Ladet, J 087634
Ladewig, H 081954
Ladkani, B G 082764
Ladygina, E A 089342
Ladygina, M E 087747
Laere, O van 091154
Lafay, E 085489
Laflamme, G 091549
Lagard, M 085851
Lagerstedt, H B 088844
Lagerwerff, J V 087888
Lagerwerff, J V 091751
Laguna, D S 084067
Lai, C H 088054
Lai, P 084406
Lai, P 087661
Lai, S H 091544
Laiche, A J 088108
Laine, J J 083427
Lainson, R 090419
Lajonquiere, Y de 091042
Lakatos, M 085423
Lakhani, A G 082807
Lakhanpal, T N 086596
Laki, I 084613
Lakshmanna, C 082151
Lakshminarayana, A 087665
Laktionov, A M 085443
Lakwijk, A C 089891
Lakwijk, A C 090557
Lal, G M 084542
Lal, N 087573
Lal, R 092208
Lal, S 088200
Lalic, R 085185
Lalitha, C M 090633
Lam, K B 087102
Lam, K B 087103
Lamar, L M 088576
Lamb, B C 086766
Lamb, F C 082960
Lamb, I M 086495
Lamba, P S 091854
Lambert, D 083053
Lambert, D 083054
Lambert, G 085310
Lambert, P T 090403
Lambert, P T 092461
Lambert, R J 086903
Lambowitz, A M 087251
Lamin, L A 085808
Lamin, L A 085809
Lamin, L A 086623
Lammers, R P 088484
Lamming, G E 084865
Lamothe, P 085661
Lamoureux, C H 086814
Lampeter, W 084432
Lampeter, W 088323
Lampeter, W 088324
Lampeter, W 088331
Lamprecht, H 086664
Lancaster, J L 090226
Land, R B 084270
Landau, I 090419
Lande, A 087236
Landenmark, O 083669
Landre, P 086696
Landsberg, J J 086669
Landzian, K 088125
Lane, L C 089346
Lane, W R 084071
Lane, W R 084777
Lang, B J A 087819
Lang, E 088762
Lang, J H 090185
Lang, K 082920
Lange, E 083876
Lange, G A de 081917
Lange, J 086295
Lange, J 092083
Lange, M 086400
Langeland, A 092343
Langen, A 083687
Langen, H 083069
Langer, I 083819
Langer, R H M 088469
Langford, L 084832
Langholz, H J 084941
Langlands, J P 084047
Langlands, J P 084769
Langlois, J 087188
Langridge, D F 087957
Langridge, D F 091085
Langridge, D F 091104
Lanjewar, R D 089089
Lantos, J 087197
Lanza, G 089510
Lapauw, F 090887
Lapchenko, G D 086763
Lapins, K O 088000
Lapins, K O 088597
Lapins, P 091875
Lapp, N A 089392
Larchenko, K A 086960
Lardy, H A 084798
Lardy, H A 090475
Larochelle, A 090540
Larochelle, A 090543
Laron, S V 083198
Larsen, C T 085200
Larsen, E 089636
Larsen, J B 084627
Larsen, J L 085472
Larsen, J R 090650
Larsen, P 091566
Larsen, P O 088151
Larski, Z 085475

Larski, Z 085476
Larson, K A 087481
Larson, P R 086786
Larson, R 088895
Larson, W R 085150
Larsson, L 084934
Larsson, S 090545
Lartey, B L 083740
LaRue, T A 087542
Lascelles, A K 084072
Lascelles, A K 084076
Lascelles, A K 084077
Lasley, J F 084759
Lasley, J F 084832
Lassche, J B 083002
Lassota, Z 090713
Lastovych, H S 087753
LaTendresse, B L 090711
Latham, R 089918
Latif, A 087857
Latteur, G 089939
Latz, P 088532
Lau-Cam, C A 087537
Lau, E P 087977
Lau, L S 086246
Lau, O 088154
Laudet, L 082464
Laughlin, C 090358
Laughnan, J R 087074
Laughnan, J R 089143
Laulanie, H de 082044
Laundrie, J F 086256
Laura, M 086791
Laurent, M 083501
Lauridsen, C 083952
Lausek, A 083406
Laut, J G 089232
Laut, J G 090153
Lautner, V 084378
Lautner, V 084736
Laverdiere, M R 091550
Lavicka, M 085743
Lavie, D 087612
Lavkulich, L M 091556
Law, B A 083316
Law, S 087329
Lawanson, A O 087633
Lawrence, F P 088679
Lawrence, I E 084044
Lawrence, J 085083
Lawrence, J F 090573
Lawrence, J S 089012
Lawrence, P A 090585
Lawrence, T 087721
Lawrence, T 088357
Laws, D R J 083111
Laws, J 088830
Laws, J M 082888
Laws, J M 090384
Lawson, K F 085317
Lawton, E 086608
Lazar, H A 088286
Lazarides, T K 084157
Lazarov, V P 085775
Lazic, R 085546
Lazic, R 085552
Le Bovit, C 082995
Le Deunff, Y 087190
Le Grand, W L 084655
Le Quesne, P W 088286
Lea, A 089832
Leach, D G 088755
Leader, R W 085205
Leahu, I 086067
Leali, L 082606
Lean, I J 085298
Leaphart, C D 089575
Leary, R L 086565
Lebedeva, O P 090440
Leben, C 089234
Lecce, J G 083959
Lecce, J G 085690
Lechkovskii, V M 087566
Leclerc, J C 087472
Ledford, R A 083315
Ledger, H P 083456
Ledger, J A 090951
Ledger, J A 091055
Ledger, M A 090297
Lee, B Y 090156
Lee, C K 085970
Lee, C S 090718
Lee, C W 090275
Lee, H 088714
Lee, H K 085971
Lee, J 085167
Lee, J H 087902
Lee, J J 086641
Lee, L S 082686
Lee, P W 090191
Lee, R 082316
Lee, R 091316
Lee, S A 082063
Lee, S A 088815
Lee, S A 089692
Lee, S O 090157
Lee, S S 089755
Lee, S Y 082822
Lee, T H 087512
Lee, Y 086242
Lee, Y Y 083216
Leek, R G 085343
Leela, R K 083609
Leenheer, J A 092240
Lees, C B 088749
Leeuwen, W van 084943
Lefter, D 083579
Legates, J E 084819
Lege, F M 082380
Legg, J G 086896
Legge, A P 088117
Legge, K F 085657
Leggett, J E 089924
Legner, E F 090246
Legner, E F 090941
Legrand, J J 090415
Legris, P 087410
Legun, N 085964
Legun, N 086171
Lehmann, B M 082435
Lehmann, R P 082797
Lehner, Y 091110
Lehnert, T 091171
Lehninger, A L 087232
Lehoczky, J 089350
Lehr, J H 086353
Leib, E 087226
Leib, E 091078
Leib, E 092304
Leinert, J 087509
Leinert, S 086139
Leinert, S 086265
Leinert, S 086266
Leinfellner, W 086801
Leipnitz, W 084433
Leipnitz, W 088330
Leipold, H W 085632
Leipold, H W 085774
Leisen, E 092009
Leiser, A T 088595
Leistner, E 087514
Leistner, L 082732
Leistner, L 083430
Leitgeb, R 084527
Leja, M 083830
Leland, H V 092458
Lele, U J 082057
Leflakova-Duskova, F 090513
Lemaitre, C 090418
Lemanova, N B 089402
Lembke, A 083183
Lembke, A 083894
Lembke, C A 086106
Lembrich, H 089715
Lemieux, G 085818
Lemoalle, M 092231
Lencastre, A 092184
Lendon, C 084711
Lendon, C 087903
Lendon, C 088532
Lendon, C 089972
Lengemann, F W 084233
Lengemann, F W 084242
Lengyel, J 083066
Lengyel, L 092109
Lenka, D 089637
Lennard, J H 083829
Lenschow, J 084877
Lense, F 092315
Lenselink, K J 085980
Lenselink, K J 088916
Lenselink, K J 091756
Lenselink, K J 092250
Lentoiu, T 082769
Lentoiu, T 083288
Lentz, G L 089912
Lenz, M K 083614
Leonard, R T 087851
Leoni, C 092384
Leont'ev, S I 087159
Leopold, A C 088170
Leopold, H 087639
Lepojev, O 085547
Leppack, E 091273
Leppard, G G 087336
Lepper, L F 081941
Leppink, G J 087277
Lerer, H 091173
Leroy, H H 081966
Leroy, H H 082500
Lescar, L 089243
Lescar, L 089435
Lesinski, T 083905
Leski, R 089769
Lesniak, A 090538
Lessley, W W 082621
LeStourgeon, W M 087372
Letcher, R M 087348
Letey, J 087323
Letey, J 092019
Leto, G 084404
Leuck, D B 084586
Leuck, D B 090350
Leuck, D B 090566
Leuck, D B 091883
Leue, P 092083
Leuenberger, H 084924
Leuenberger, J M 082371
Leuschner, W 086273
Leusden, F M van 082731
Leuthardt, H P 088729
Leuty, S J 087936
Levander, O A 084601
Levedev, A I 085446
Levi, E 092419
Levin, M D 091086
Levin, V L 090768
Levine, J D 090719
Levine, L 084170
Levinger, I M 085068
Levings, C S 087796
Levinson, H Z 090681
Levinson, Z H 090639
Levtsova, O P 091981
Levy, D 088065
Levy, R 085281
Levy, V 084107
Lewicki, C 084680
Lewicki, C 084689
Lewin, M 086123
Lewington, P 082212
Lewis, A J 084569
Lewis, C A 088573
Lewis, C E 088068
Lewis, C E 088689
Lewis, C E 088736
Lewis, C E 088752
Lewis, D H 087324
Lewis, G 092269
Lewis, J 089749
Lewis, J R 087347
Lewis, L J 089914
Lewis, M J 092460
Lewis, R E 090664
Lewkowicz, S 087206
Lewkowicz, S 092291
Lezeriuc, A 082875
Lherminier, P 084811
Lhotsky, J 091666
Lhotsky, J 092041
Li, C H 084055
Lialin, O O 087375
Liarakos, C D 084791
Liarakos, C D 084792
Libbey, L M 082953
Libbey, L M 083777
Libner, J 082478
Libois, A 089022
Lichtenthaler, H K 088114
Lie, O 081979
Liem, A S N 087871
Lien, E J 088979
Lienau, E 082090
Liener, I E 084459
Lifshitz, A 088147
Ligeti, I 083475
Liggieri, G 083028
Lightle, P C 089730
Ligugnana, R 082841
Liguori, F 083443
Likens, G E 088257
Likhachev, A P 091188
Lilaramani, H 089181
Lilienthal, M 082058
Lillehammer, A 090562
Lilleng, H 091954
Lim, S G 083318
Lim, T M 089049
Lim, W H 089145
Lim, W H 090049
Lima-De-Faria, A 090606
Limber, D P 089493
Lin, G H Y 087214
Lin, M T 082705
Lin, M T 083871
Lind, B 087670
Lind, K D 082799
Lind, K D 083461
Lind, R E 083408
Lindahl, I L 084560
Lindau, M 084006
Lindberg, B 086249
Lindberg, G D 089211
Linde-sipman, J S van der 085754
Linde, K 085235
Linder, S 088298
Linder, W 092199
Lindgreen, H B 091564
Lindley, M G 083142
Lindner, P 090334
Lindner, P 091905
Liner, H L 082274
Liner, H L 088829
Ling, C M 085170
Ling, L C 083778
Linhart, J 084903
Link, C B 087944
Link, C B 088061
Link, C B 091902
Linke, H 082676
Linna, T J 085604
Linnerud, A C 084677
Linnman, L 087670
Linsley, E G 090923
Linzell, J L 084859
Lipa, J J 089814
Lipinska, E 084690
Lipinska, H 084682
Lipke, H 090637
Lipparini, L 082914
Lippmann, R 085106
Lips, M 083214
Lipsits, D V 089342
Lipstein, B 084465
Liria, J 082493
Lis, M 084174
Lis, M 084178
Lisak, A 087813
Lisk, D J 084201
Lisk, D J 085688
Lisk, D J 090343
Lisk, D J 090348
List, G R 083601
Lisunov, V V 089721
Lisunov, V V 092056
Litchfield, J H 092442
Litjens, J B 084890
Litman, G W 084164
Little, C H A 088252
Little, C R 083849
Little, E L 086508
Little, R W 085637
Litvak, M D 089792
Litvinov, IU M 082664
Liu, L J 089166
Liu, R C 091294
Liu, T Y J 087948
Liubimirescu, A 086066
Liubinskii, V M 088906
Livada, S 082017
Livermore, D F 089653
Liverovskii, IU A 091698
Livingston, J M 090136
Livingstone, R M 084426
Livshin, A Z 087744
Ljesevic, Z 085545
Ljubisa, M R 082020
Ljungberg, G 088516
Ljungdahl, P W 082299
Lloyd, G T 083305
Lloyd, G T 083306
Lloyd, R M 086853
Loach, K 088252
Locci, P 084250
Locci, R 086825
Locci, R 089561
Locke, T 089017
Locker, R H 083460
Locker, R H 083470
Lockwood, T E 086449
Locniskar, F 084740
Lodna, M 088375
Loebenstein, G 089378
Loeffler, J E 090347
Loeffler, W 087237
Loehr, R C 092403
Loeper, R H F von 082543
Loeper, R H F von 082719
Loetsch, F 086028
Lofgren, C S 090245
Lofgren, C S 090253
Logan, M 090151
Logan, W R 090505
Loggins, P E 084589
Logvinenko, E M 087449
Logvynenko, V F 086959
Lohani, D N 086032
Lohm, U 090545
Lohr, H 084289
Lohr, K F 085595
Lohwag, I 086605
Lombard, P B 088117
Lombard, P B 088118
Londt, J G H 090554
Long, B H 087353
Long, D 088595
Long, I F 087586
Long, I F 087587
Long, I F 087588
Long, J W 087898
Long, J W 089726
Longenecker, D E 084844
Longnecker, D E 092067
Longworth, J W 082052
Lonnquist, J H 087057
Lonvaud, M 083689
Loo, L van 091398
Loomis, W F 087416
Loon, J van 083850
Loon, L C van 087853
Loots, G C 091029
Loper, D C 084129
Lopez de Beutelspacher, M G 086420
Lopez F, L C 089278
Lopez, A 087476
Lopez, A 090422
Lopez, G A 084322
Lopinto, M 092222
Lor, Kh 084173
Lorbeer, J W 089154
Lorch, S K 087119
Lord, J M 087548
Lorenc, J 092413
Lorenson, M 084167
Lorenz, K 083571
Lorenz, L R 091471
Lorenz, M D 084999
Lorenz, M D 085608
Loriaux, I 087500
Lorincz, J 092013
Losch, K 085239
Losch, U 084364
Lotschert, W 089576
Lotschert, W 092437
Lotti, G 083092
Lougheed, E C 083716
Loughton, A 089457
Louis, J 091093
Lousse, A 084428
Louveaux, J 091095
Louw, P ee V 091229
Lovato, O G 092384
Love, D N 085244
Love, D N 085262
Love, R J 085261
Lovelidge, B 082210
Lovell, R T 082811
Loving, T L 088765
Lovitt, A E 090193
Lovric, N 086163
Low, A 088364
Low, B S 084711
Low, B S 089972
Low, D G 085014
Low, D G 085016
Low, D G 085017
Low, D G 085018
Low, D G 085020
Low, D G 085022
Low, D G 085023
Low, N 082960
Low, W A 084711
Lowe, W E 091527
Lowe, W E 091741
Lowe, W E 091742
Lowman, H 090061
Lowman, H 090062
Lowrey, J C 085750
Lowry, J B 088181
Lowry, R W 089663
Lowther, W L 087807
Lox, C D 084232
Loy, J I 084078
Lu, B C 090626
Luan, N T 083230
Lubowicki, R 084686
Lucas, A 091344
Lucas, G B 089279
Lucas, H 090273
Lucas, L E 084564
Lucas, L T 089192
Lucas, M T 082462
Lucchesi, J C 090474
Lucchini, P 091239
Luciani, V 081999
Lucisano, A 082776
Luck, E 083068
Lucov, Z 090518
Luddecke, F 084508
Ludders, P 088107
Luddy, F E 083457
Ludtke, F 082839
Ludtke, F 084631

Ludtke, F 084632
Ludtke, F 084673
Ludtke, M 083218
Ludvik, J 092300
Ludwig, J 082129
Luedders, V D 086907
Luft, B 084885
Lugaro, G 084793
Lugtenborg, T F 087820
Lui, Sk 085753
Luk'ianova, L A 088905
Lukacevic, J 085153
Lukarev, T 085553
Lukashevich, P A 091457
Lukasiewicz, A 086305
Luke, J E 090767
Lukic, M L 084037
Lum, P T M 090567
Lumb, J M 089667
Lumb, W V 085049
Lumkes, L M 088869
Lumpkin, O 087272
Lumsden, J H 085069
Lumsden, R D 089191
Lund, D B 083614
Lund, D B 091563
Lund, E 092463
Lund, E 092464
Lund, E W 088523
Lund, M 091288
Lundemo, O 091119
Lundquist, B R 083079
Lunt, O R 087323
Lupori, N 081908
Lust, N 088266
Luther, R 085973
Luthgen, W 090273
Luthy, P 090037
Lutter, K 085702
Luttge, U 087854
Lutwick, L E 091552
Lutz, J 091211
Lutz, J 091221
Lutz, J 091223
Lutz, M 087253
Lutz, W 083971
Lutzt, E E 085487
Lux, H 089566
Luxemburg, D 084896
Lybecker, D W 083523
Lyerly, P 092067
Lygre, D G 087977
Lynch, G P 084591
Lynch, G P 085391
Lyngset, A 084892
Lyon, R L 090125
Lyon, R L 090130
Lyons, M J 085585
Lyons, M J 090833
Lyr, H 087638
Lyr, H 089289
Lysogor, T A 083769
Lysons, R J 085098
Lytle, P W 082156
Ma, T H 087050
Ma, T S 087453
Maag, G W 086893
Maag, H 091218
Maamouri, A R 088531
Maan, S S 086894
Maas, N J L 085420
Maasch, H J 090295
Mabbutt, J A 092364
Mabee, M S 084257
Mabie, J M 090192
Mabie, J M 090195
Mabon, R M 084115
Mabrouk, A A M 089957
Mac Neil, J H 083516
MacDaniels, L H 088849
MacDonald, G J F 092374
MacDonald, J F 090254
Macdonald, P D M 087879
Mace, T 086483
Macfarlane, J S 084944
MacGregor, P 085510
Mach, R 091841
Machado-Allison, C E 090911
Machel, M 090636
Machin, A F 090375
Maciejewska, M 084919
Maciolek, H 085430
Mackay, J F G 088263
Mackay, M R 090948
MacKenzie, A J 087701
Mackey, B E 082790
Mackie, R I 084243
Macklad, M F E 089777
Mackrott, H 083268
Mackrott, H 084482
MacLennan, D G 083900
MacLeod, D M 090138
MacNeill, M M 088048
Macnicol, P K 088129
Macnicol, P K 088130
Macomber, M 088763
Maconochie, J R 087906
MacPhee, A W 089982
MacRitchie, F 083547
Madan, C L 082634
Madarena, G 083445
Madden, G D 088405
Maddison, A C 089008
Maddison, P A 090026
Maddock, D R 090247
Maddrell, S H P 090699
Mader, M 083997
Madewell, B R 085045
Madewell, B R 085611
Madkour, A 089871
Madkour, A 089876
Madsen, B L 081984
Madsen, K R 085673
Madsen, R F 083586
Madzirov, Z 084340
Maeda, K 088438
Maeda, K 091655
Maeda, S 083858
Maeda, S 091231
Maeda, S 091232
Maeda, T 086035
Maehder, K 085521
Maeseneer, J de 087390
Maftei, C 083104
Mag, T K 083128
Mag, T K 083129
Maga, J 083571
Magdeleine, M J 087527
Magee, W T 084602
Maggi, E 083445
Maggs, D H 088082
Maglajlic, E 084013
Magno, E T 083828
Magnus, H A 089175
Magnusson, G 087616
Magoon, M L 088768
Magro Magro, V 083636
Maguire, M 087045
Maguire, M 087047
Maguire, M 087048
Magurie, M 087046
Mahabaleshwariah, H 082436
Mahajan, V 087775
Mahajan, V P 088971
Mahajani, S 090528
Mahal, M P S 088877
Mahan, D C 085689
Mahapatra, I C 091793
Mahapatra, I C 091864
Maher ali, A 090800
Maheswaran, S K 085276
Mahlberg, P G 086707
Mahlen, A 084093
Mahmood, K 089358
Mahmood, M 089227
Mahmoud, K A 087394
Mahoney, D F 085224
Mahowald, A P 090579
Mahowald, A P 090603
Mahowald, A P 090604
Mahowald, A P 090605
Mahrt, J L 085407
Mahunka, S 090880
Mai, W F 089197
Mai, W F 089545
Maier, H G 083228
Maier, J L 082302
Main, C E 087892
Main, C E 089279
Maing, I Y 082675
Maini, J S 086010
Maini, O S 091946
Maini, R N 085195
Maire, R G 088595
Maistre, P 092183
Maiti, S C 087923
Maiti, S K 087923
Maity, S 088072
Maity, S C 088074
Maity, S K 088074
Majchrowicz, I 090133
Majdan, S 085431
Majerciak, P 084361
Majerciak, P 084666
Majerciak, P 084667
Majerciak, P 084902
Majerciak, P 084963
Majerus, M E 092050
Majewski, J A 082164
Majkowkie, K 088900
Majkowski, K 088901
Majumdar, P K 088551
Majumder, G C 084186
Majumder, P K 084260
Mak, F K 083584
Makarkin, A P 084017
Makarochkin, B A 083014
Makarov, A D 087381
Makawi, A A M 087640
Makawi, A A M 091781
Makeev, A M 089635
Makek, Z 085172
Maker, H J 091679
Makh, P 084176
Makhamadzhanov, I 087656
Maki, T E 085850
Makita, M 087783
Maksimenko, V P 087884
Maksimovic, A 084950
Maksimovic, A 085536
Maksymowych, A B 087218
Maksymowych, R 087218
Maku, T 086176
Maku, T 086183
Mal'chenko, V V 086945
Mal'tsev, P M 083592
Malaki, M 082821
Malalasekera, R A P 089007
Malanga, R 088787
Malcolm, R L 092240
Malecka, J 086328
Maler, J 091477
Maletzky, S I 087084
Malgeryd, L 082197
Malhotra, F C 085566
Malhotra, R S 088492
Maliani, C 088945
Malich, S 083259
Malich, S 083349
Malicky, H 090958
Malik, B S 084188
Malik, D D 084194
Malik, J 082979
Malik, N K 090763
Malik, R S 088776
Malinowska, A 084030
Maliszewska, W 091709
Malkin, R 087279
Malkin, S 088124
Malkinson, A M 087257
Malkodanski, T 092140
Malkodanski, T 092166
Mall, O P 089083
Mallabaev, T S 082191
Mallegni, C 083811
Mallery, C H 088165
Mallett, J B 088632
Mallett, J B 088634
Mallick, B B 085925
Mallough, D 088355
Malmberg, M J 084492
Malo, A 087739
Maloney, T M 086135
Malossini, F 084879
Malva, C 090506
Maly, J 084383
Maly, J 084735
Maly, J 084973
Malykhina, V F 091929
Malynovs'kyi, M O 086954
Malzer, J L 082906
Mamkaeva, K A 087452
Mamluk, O F 089174
Mammen, E 085829
Mammen, K V 090882
Mamulashvili, G G 087375
Manahan, C O 087683
Manahan, C O 087846
Manchester, A C 082475
Manchester, A C 082509
Manchester, A C 083377
Manda, A V 085369
Mandahar, C L 087599
Mandahar, C L 089273
Mandal, B 088380
Mandal, R C 088768
Mandal, R C 088772
Mandigo, R W 084580
Mandl, B 083032
Mandl, B 083036
Manea, G 091420
Manea, M 082771
Manea, M 083439
Manes, C 084131
Maness, K S C 090281
Manfredi, D 084395
Manfredi, E 091374
Manfredini, M 084894
Mangan, J L 084561
Mangan, J L 086787
Mangareddy, M C 087759
Mangiulea, P 083579
Mango, C 090243
Mani, P 085601
Manier, J F 090455
Maniere, G 091583
Manisor, P 091416
Manji, B T 089105
Manke, B S 086974
Mann, E J 092333
Mann, H 084476
Mann, H 084477
Mann, H 088362
Mann, H D 090349
Mann, H J 085988
Mann, H J 085989
Mann, J N 092194
Mann, N P 087508
Manners, J G 089008
Mannikar, G N D 087733
Manninger, G A 088307
Manninger, G A 092293
Mannio, M 083040
Mano, V 089114
Manohar, M 085058
Manojlovic, P 082019
Mans, R J 087688
Mansell, M W 090551
Mansingh, A 090502
Mansour, N S 091959
Mansour, O Y 086117
Mansour, O Y 086251
Mansour, S A 088983
Mante, W 082351
Manthriratna, M A P P 087179
Mantle, P G 084468
Mantler, L 082661
Manz, D 085522
Manzo, P 086977
Manzoni, L 087793
Mao, W 084230
Mapother, H R 089048
Mar'enko, V A 086291
Maracek, I 084349
Maracek, I 085166
Marai, L 083302
Maraite, H 087461
Maramatsu, H 088557
Maramorosch, K 089375
Maran, J 090433
Marasas, W F O 083910
Marasas, W F O 089288
Marathe, M R 081971
Marayanan, S 084545
Marchadier, J 083991
Marchello, J A 084576
Marchesini, G 082914
Marchetti, L 089100
Marchi, G 083752
Marcinkowska, J 089252
Marcus, A 089414
Mareiro, 082949
Marek, J 086807
Marek, V 087584
Marel, T van der 089891
Marel, T van der 090557
Marendiak, D 091480
Marengoni, M 086843
Margara, J 087917
Margen, S 082908
Margignoni, M E 089811
Margni, R A 085345
Margolin, A M 091705
Marian, A 085961
Marian, M 087195
Mariau, D 089937
Mariau, D 089938
Maricheva, E A 087745
Marienfeld, C J 082698
Marienfeld, C J 083868
Marin, L 084022
Marincov, J 091281
Marinkovic, D 085541
Marion, R 082638
Marjai, Z 085911
Mark, R E 086120
Markakis, P 083464
Markh, A T 083769
Marko, I 091300
Marko, J 085943
Markova, A K 091627
Markova, Y 091783
Markovic-Daja, L 082947
Markovic, L 085997
Markovic, M 085576
Markovic, P 082013
Markovic, P 082021
Marks, C F 089457
Marks, H L 084862
Markson, L M 085138
Markus, A 090639
Maroder, H L 086755
Maroti, I 087196
Maroti, I 087921
Marousky, F J 088059
Marple, D N 082749
Marple, D N 084217
Marre, E 087551
Marre, H 084809
Marrot, R 082707
Marrow, G S 082679
Marschall, F 087097
Marsh, A W 092233
Marsh, C A 083934
Marsh, C F 082461
Marsh, C F 082988
Marsh, G A 090946
Marsh, J R 090403
Marsh, J R 092461
Marsh, S C N 091738
Marshall, B D 082713
Marshall, C 087246
Marshall, D R 088470
Marshall, J G 091930
Marshall, J K 086653
Marshall, R T 082802
Marston, M E 086937
Marte, M 089177
Martelli, M 090635
Martelli, R 089802
Martin, A J 086261
Martin, C E 085214
Martin, D W 087049
Martin, E C 089648
Martin, E E 082744
Martin, F W 088926
Martin, F W 088943
Martin, G 090415
Martin, G E 083120
Martin, H P 082911
Martin, I F 087474
Martin, J 089291
Martin, J B 081892
Martin, J D 087610
Martin, J D 087615
Martin, J D 087944
Martin, J K 091743
Martin, J R 082299
Martin, J S 090703
Martin, L W 091958
Martin, M A 086464
Martin, M M 090703
Martin, P G 084799
Martin, R P 090233
Martin, W 082852
Martin, W P 091637
Martindale, L 084269
Martinez, C 089995
Martinez, E 089928
Martinez, J 083534
Martinez, J 088336
Martinez, M C 084436
Martini, G 086747
Martinovich, V 088102
Martinovich, V 091180
Martins, H F 085815
Martins, H F 086636
Martins, P S 087140
Martinsson, K 084373
Martirano, G 081951
Martmann, R W 086858
Marufuji, Y 088098
Marumo, S 082581
Marushkin, V A 084732
Maruyama, M 087425
Maruyama, T 092226
Maruyama, T 092227
Marvin, M D 083075
Marwaha, P S 091946
Marwitz, R 089312
Marx, M B 084863
Marxmiller, R L 090347
Masaki, J 083920
Masaki, J 084763
Masani, N J 091270
Mascagni, M 085283
Maser, J A 087962
Mashkin, S I 086955
Masken, J F 084775
Mason, B D 084851
Mason, H C 090658
Mason, J F 089108
Mason, J F 090352
Mason, L L 086086
Mason, R 086490
Mason, R R 090167
Masrur, A 092234
Masrur, A 092235
Massanyi, L 084904
Massara, T 085695
Massey, L M 083800
Massman, C I 092221
Massoud, S I 089584
Masteau, P 090309
Mastroeni, I 083370

Mastronuzzi, E 087328
Masuda, M 087424
Masuda, S 087614
Masuda, T 088426
Masuda, T 089115
Masuda, T 091922
Masui, M 084081
Mataki, Y 086191
Matassino, D 082173
Matassino, D 083994
Matatics, S J 086279
Matei, V 086060
Materna, J 091986
Mathai, C K 087946
Mathe, I 086731
Mather, J W 082186
Mather, J W 091996
Matheron, M E 088168
Matheson, J 089448
Matheson, K I 086889
Mathew, P K 089678
Mathew, T V 082873
Mathew, T V 083204
Mathew, T V 090381
Mathey, 085813
Mathiasson, K 083670
Mathison, G W 084501
Mathre, D 089148
Mathur, J M S 088182
Mathur, R L 089097
Mathur, R S 091784
Mathur, S B 089057
Matic, D 085536
Matic, G 085547
Matis, U 085061
Matkovics, B 087195
Matlob, A N 087942
Matolcsy, G 089167
Matolin, S 090429
Maton, A 091291
Matouch, O 085194
Matousek, Z 085577
Matovu, S 089043
Matras, J 086464
Matson, A L 086907
Matsugata, S 085966
Matsui, M 090394
Matsui, M 090935
Matsui, Y 083372
Matsuka, M 091165
Matsukawa, T 087927
Matsukura, M 086178
Matsumoto, H 083556
Matsumoto, I 089046
Matsuo, Y 091483
Matsushita, S 083331
Matsuura, T 087502
Matsuzaka, Y 091764
Matsuzaki, Y 088434
Matsuzawa, H 090041
Matsuzawa, H 090042
Matter, H E 084612
Matter, H E 084875
Matthee, F N 089060
Matthews, T H 082027
Matthys, A W 082820
Matthysse, J G 090155
Matthysse, J G 090279
Mattil, K F 082941
Mattingly, P F 090739
Mattoo, A K 083690
Mattos Filho, A de 086401
Mattova, J 084970
Mattson, R H 089990
Matuzanis, J 085836
Matuzanis, J 085936
Matziris, D I 086075
Matzold, G 091332
Mauersberger, R 082366
Maugenet, J 092303
Maunsche, D 087259
Maurya, A N 088200
Maurya, D P S 087405
Mauzerall, D 087273
Mauzerall, D 087274
Mavlani, M I 083696
Mavlianov, S 087211
Max, R 082491
Maxa, R 082190
Maxey, W R 085946
Maxie, E C 088987
Maxton, C 082985
Maxwell, H B 091679
Maxwell, R C 088172
May, B E 089659
May, P F 084224
May, P F 091918
May, R 086080
Mayalagu, K 091669
Mayer, B 091754
Mayer, K 083762
Maynard, D N 088128
Mayor, F 088283
Mayr, A 085417
Mayr, L 090100
Mayton, E L 088567
Maza Alvarez, J A 091360
Maza Alvarez, J A 092181
Mazel', IU IA 087734
Mazelis, M 087477
Mazingue, G 083454
Mazumdar, A K 083833
Mazumdar, B C 088194
Mazumder, M C 083619
Mazumder, N K 084771
Mazza, M 083637
Mazzola, G 084793
Mazzucchi, U 089304
Mazzucchi, U 089305
Mazzucchi, U 089311
McAllan, A B 084105
McArthur, W P 084036
McArthur, W P 085318
McCain, A H 089023
McCain, J 086574
McCall, W W 091899
McCampbell, H C 084583
McCarter, S M 089317
McCarty, G 081900
McCarty, R E 087949
McCashin, F 085122
McCaskey, T A 082827
McCay, F L 092369
McClain, P E 084095
McClelland, N I 092206
McClelland, R 082459
McClenaghan, R J 091230
McClintock, E 088481
McClung, J 082542
McClure, F A 086577
McCombs, W H 092348
McConnell, D 090008
McConnell, K P 084660
McConnell, R L 086883
McConnell, R L 087715
McConnen, R J 084713
McConnen, R J 088537
McCormack, J E 085674
McCormick, K J 085377
McCormick, R D 082939
McCormick, R D 083080
McCormick, R D 083736
McCormick, W C 083973
McCoy, B J 083792
McCoy, G A 086717
McCoy, J 089500
McCraw, B M 085404
McCrea, D G 086643
McCready, S T 082916
McCready, W 092117
McCullough, Ii 083852
McCullough, Ii 084390
McCully, M E 086815
McCumstie, R F 082206
McDaniel, B T 084246
McDiarmid, A 085289
McDonald, I R 087807
McDonald, P M 086264
McDonald, S 086086
McDonnell, J P 082685
McDonnell, J P 084069
McDowall, W R 082937
McDowell, G H 085059
McDowell, J R 085276
McElgunn, J D 087721
McElroy, F D 089552
McEnery, M E 086641
McFadden, T L 090012
McFarlane, J C 088045
McFarlane, J E 090647
McFarlin, D E 084040
McFarlin, D E 084988
McFee, A F 084292
McGarr, R L 089960
McGavin, M D 085169
McGee, W 084863
McGibbon, W H 085693
McGill, W B 091527
McGinnis, S K 085249
McGlohon, N E 089546
McGloughlin, P 084815
McGovern, T P 089909
McGovern, T P 090026
McGovern, W L 089913
McGovern, W L 089924
McGregor, S E 091073
McGriff, E C 092446
McGuinness, J D 083111
McGuire, J J 082641
McHaffey, D G 089921
Mcilmoyle, G 085070
McIntosh, S 091915
McIvor, J G 087676
McIvor, J G 089611
McKay, J W 088116
McKay, J W 091182
McKay, L E 082103
McKee, G W 083531
McKee, G W 087672
McKee, G W 087673
McKelvy, W T 089724
McKenna, J R 092398
McKenna, P J 088713
McKenzie, B A 091228
McKenzie, D H 086640
McKim, J M 092460
McKnight, M E 090145
McLain, D A 088675
McLaren, A D 091535
McLaren, I W 090468
McLaughlin, J L 086471
McLaughlin, M R 089389
McLean, A P D 086923
McLean, A P D 089343
McLean, D L 090687
McLean, G J 085697
McLeish, I 085383
McLeod, K 083460
McLeod, K 083470
McLoughlin, D K 085279
McMahon, J P 088364
McMaster-Kaye, R 090463
McMeniman, N P 084945
McMillian, W W 089898
McMillian, W W 089911
McMillian, W W 090015
McMillian, W W 090566
McMillian, W W 091883
McMurtry, J A 090019
McNab, J M 084363
McNally, H J 082628
McNally, H J 082866
McNally, J A 086232
McNamara, J 087675
McNaught, K J 087808
McNaught, K J 091953
McParland, P J 084391
McPherson, J K 088304
McQuigg, J D 091371
McRitchie, J J 089205
McRitchie, J J 089229
McWard, G W 084307
McWhinnie, D 084247
McWhinnie, D J 084248
McWhirter, K S 084641
McWhirter, K S 087044
Mead, G C 083505
Meade, G A 082065
Meadows, C E 084236
Meadows, G E M 086345
Meadows, T C 082178
Meadows, T C 082646
Meagher, T G 083933
Mecham, D K 083553
Mechirova, A 083494
Mechirova, A 084737
Mecu, G I 090154
Medricky, J 086044
Medvedev, I K 083283
Medvedev, V A 091699
Mee, L K 084311
Mee, M U 086311
Meehan, D J 089929
Meeker, J J 088960
Meeker, J J 092032
Meeklah, F A 089697
Meeks, C E 084583
Meer, M A van der 083002
Meese, G B 084046
Meese, G B 084112
Megahed, M M 089953
Megahed, M M 089957
Megahed, M M 091034
Megakhed, M 087172
Meggitt, W 090358
Mehendale, H M 088142
Meher, K 090867
Meheriuk, M 088000
Meheriuk, M 088597
Mehes, G 085344
Mehl, I 091954
Mehlan, D 090521
Mehlhorn, G 082619
Mehlhorn, G 083982
Mehlhorn, G 085106
Mehner, A 084807
Mehra, P N 086719
Mehra, P N 087130
Mehrotra, B R 087597
Mehrotra, B R 087602
Mehta, P P 087407
Mehta, S L 087818
Meier, H 091069
Meier, R 083347
Meier, R 083348
Meijer, A E F H 085754
Meijer, G 088469
Meijer, J 090731
Meijide Pardo, A 083105
Mein, G A 083961
Mein, G A 083962
Meins, F 087862
Meins, F 089322
Meisch, M V 090226
Meissner, E F 082908
Meissonnier, E 085489
Meizies, A 083226
Mel'nichuk, V P 084731
Melera, P W 088165
Melino, M 082505
Mellanby, K 092359
Mellenthin, W M 089496
Mellor, D J 085067
Mellor, J W 082057
Melnyk, J 084863
Melo, E C 086006
Melo, M R C 087141
Melrose, D R 082880
Melrose, D R 085135
Melrose, G J H 083504
Melton, B 088463
Melton, R E 086197
Melton, S L 084593
Melville, D R 091930
Melzer, J 086212
Memon, A M 088482
Menashe, J 089747
Menchari, A 084008
Menchu, J F 083049
Mende, G 089488
Mendelewska, J 085789
Mendelewski, E 085789
Mendez, R H 082983
Mendl, H 086499
Mendonca F, A F 089856
Mendonca, J O 088915
Mendoza, C 089841
Mendoza, H A 086857
Meng, J C 083604
Mengel, K 087396
Menhenett, R 089853
Menil, A 087591
Menke, K H 083166
Menke, K H 084618
Menon, A G G 081906
Menon, K R 081962
Menon, K R 082152
Menon, M 090561
Menon, M G R 090882
Menon, M G R 091008
Mensah, R 089173
Menzie, E L 082332
Meossi, E 089249
Merca, S D 089321
Mercado, N K 091079
Mercer, L J 092094
Mercer, P C 088891
Mercer, P C 089247
Merck-Luengo, J G 090311
Merdanovic, S 085549
Meredith, D S 089012
Meredith, P 087726
Meredith, W R 086892
Meredith, W R 086904
Meredith, W R 088461
Meregalli, A 084405
Merelie, G 086344
Mergenthaler, E 083231
Mergl, M 091432
Mergur'ev, V A 084014
Meriaux, S 089022
Merkt, H 084979
Merlini, L 087387
Merlino, P 083399
Merrett, M J 087544
Merriam, J G 085561
Merrifield, R G 085983
Merritt, W F 090322
Merritt, W F 092342
Merson, R L 083792
Mertz, E T 084559
Merwe, J J H van der 089060
Merzhanian, A A 083770
Mesler, M R 087217
Mesquida, J 091095
Messerschmidt, H H 084936
Meszaros, J 085425
Meszaros, Z 090878
Meszes, G 087295
Metais, P 084162
Metcalf, R L 089804
Metcalf, R L 089805
Metcalf, R L 090188
Metcalf, R L 091153
Metteo, A 082489
Metwally, A G 090804
Metwally, M M 089949
Metwally, M M 090788
Metwally, S M I 089880
Metwally, S M I 089881
Meuleman, B J J 087054
Meyer, H 085141
Meyer, H 085234
Meyer, H 085235
Meyer, H 085595
Meyer, J A 087461
Meyer, K 088731
Meyer, K 088735
Meyer, K H 083996
Meyer, M 083646
Meyer, M 090556
Meyer, M K P 091029
Meyer, M P 089918
Meyer, R 083346
Meyer, R C 085563
Meyer, R E 089724
Meylan, B A 086785
Meyling, H D G 087806
Meyran, J 086419
Miana, G A 087532
Michael-Meese, M 085226
Michael-Meese, M 085228
Michael, R R 090694
Michaelsson, G 082881
Michalik, R 082503
Michalon, E 090820
Michalski, M 082287
Michanie, S 085494
Michel, J C 090419
Michel, J P 087687
Michel, K 090736
Michel, R 087369
Michelik, J 086192
Michell, A J 086726
Michell, P J 084442
Michell, P J 084443
Michna, L 091983
Michna, L 092430
Michurin, S V 087376
Miciovschi, V 083814
Mickelsen, O 084595
Miedema, P 088225
Miegroet, M Van 088266
Mielke, G 084179
Mielke, J R 082476
Mielnik, A 091727
Mies, D W 087696
Mieth, K 085239
Mignolet, R 086680
Mihaescu, O 082874
Mihai, P 085962
Mihail, N 086173
Mihailescu, F 087872
Mihailov, M 084312
Mihajlovic, B 085183
Mihajlovic, B 085184
Mihajlovic, B 085186
Mihajlovic, R 085545
Mihajlovic, S 085156
Mihalik, E 086618
Mihalyi, K 087204
Mihalyi, V 083429
Mihara, M 082739
Mijatovic, M 092053
Mika, A 087980
Mikami, K 082200
Mikami, K 082202
Mikami, K 083861
Mikami, T 086999
Mikhailov, N N 085107
Miki, E 082835
Mikic, D 088509
Mikitiuk, O D 089635
Miklajcik, E M 082828
Miklajcik, E M 083325
Mikolajczak, A 088476
Mikolajczak, B 089826
Mikolajczak, B 091204
Mikoshiba, K 087900
Miksik, J 084382
Miksik, J 084739
Milam, F M 082371
Milanovic, A 082896
Milanovic, A 083225
Milanovic, V 082756
Milborrow, B V 088143
Milenkovic, D 082761
Milenkovic, M 084720
Miles, D H 087484
Miles, J W 090247
Miles, N W 088847

Milewski, E 082595
Milham, P J 087245
Milic, S 083489
Milinkovic, D 082016
Miljanic, N R 085154
Miller, B S 083545
Miller, C C 083865
Miller, C D 082323
Miller, C N 086346
Miller, D R 087867
Miller, D T 088471
Miller, E L 082249
Miller, E R 086195
Miller, E W 088872
Miller, G A 083023
Miller, G J 086819
Miller, G J 086820
Miller, G L 090184
Miller, J D 086911
Miller, J W 089229
Miller, J W 089319
Miller, M 083384
Miller, M C 089897
Miller, M D 082537
Miller, M D 083872
Miller, M D 088352
Miller, M H 091649
Miller, M H 091920
Miller, M W 083727
Miller, N 087521
Miller, P 084245
Miller, P M 089550
Miller, R H 085390
Miller, R H 091693
Miller, R J 088350
Miller, R W 090252
Miller, S R 083716
Miller, W C 086262
Miller,r A 088177
Millerd, A 087541
Millette, G F 092294
Millham, C B 092271
Milligan, L P 084495
Milligan, L P 084496
Milligan, L P 084501
Milligan, L P 084503
Milligan, L P 084504
Mills, C 087326
Mills, F D 082460
Mills, G D 090196
Mills, J B 084169
Mills, N J 090845
Mills, O E 083359
Mills, V M 087843
Milne, D L 089459
Milohnic, J 087880
Milojevic, B 091459
Milojevic, R 085548
Milosavljevic, M 088204
Milosevic, Z 082895
Miltimore, J E 087717
Mimioglu, M 085220
Minaire, Y 084161
Minakowski, D 084680
Mincione, B 083285
Minear, R A 090403
Minear, R A 092461
Miner, B E 082800
Miner, B E 083463
Miner, B E 084577
Minessy, F 087928
Mink, G I 089393
Mink, G I 090072
Minquez, J 092079
Minson, D J 084441
Minson, T 089347
Mintzlaff, H J 082732
Mintzlaff, H J 083430
Minyard, J P 087484
Mir Azizuddin, 082495
Miranda Filho, J B de 087134
Miranda Filho, J B de 087142
Miranda Filho, J B de 087143
Miranda Filho, J B de 087144
Mire, R 082148
Miric, M 082946
Mirica, F 085962
Mirkin, B M 091567
Mirre, G B 085224
Mirtskhoulava, T E 092174
Misaki, M 083143
Misea, D 082769
Misea, D 083288
Misev, P 084340
Mishra, D 087827
Mishra, P K 089637
Mishra, R R 089275
Mishra, R R 089408
Mishra, S S 088402
Mishra, U N 088452
Mishustin, E N 091532
Misic, D 082973
Misic, T 088509
Misikova, S 087639
Miskiewicz-surmansk, Z 087866
Miskiewicz, W 082987
Miskovic, M 084715
Misnik, D P 091469
Misra, D R 087530
Misra, G 087698
Misra, N D 083097
Misra, N D 086167
Misra, R V 091861
Misra, S C 085333
Misra, S C 085353
Misra, S C 085362
Misra, S C 085371
Misra, S K 085373
Misra, S R 089086
Misri, B 086437
Missiaen, E 082572
Mistretta, C M 084864
Mistric, W J 089970
Mitchell, A 083949
Mitchell, B J F 089748
Mitchell, D J 089183
Mitchell, F G 088987
Mitchell, H C 089913
Mitchell, R S 083796
Mitev, B 091091
Mitidieri, A 089647
Mitlin, N 089908
Mitlin, N 089924
Mitoseru, O 083757
Mitra, A 085783
Mitri, S H 089864
Mitri, S H 089888
Mitske, G 092414
Mitsuhashi, H 087507
Mitsuhata, K 089360
Mitsuhata, K 089364
Mitsui, Y 091673
Mittal, K R 085571
Mittal, S K 083098
Miura, K 086310
Miura, M 084276
Miura, M 084277
Miura, Y 087608
Miya, R 088796
Miyabara, R U 090028
Miyajima, H 086041
Miyajima, H 088280
Miyake, A 083191
Miyake, K 082600
Miyamoto, S 091971
Miyamoto, T 082999
Miyashige, T 084532
Miyashige, T 088404
Miyauchi, D 083081
Miyauchi, S 091674
Miyazaki, Y 083211
Miyazaki, Y 086043
Mize, M 091183
Mizo, H 088496
Mizumoto, H 091384
Mizuno, K 085411
Mizuno, Y 085242
Moawad, H 091777
Moawad, H 091778
Moberg, G P 084470
Mock, J 087247
Moczar, L 090426
Moczar, L 090865
Modgal, S C 088394
Modgal, S C 091863
Mody, N V 087484
Moebus, O 083183
Moebus, O 083894
Moehring, D M 085983
Moeller, F E 091157
Moffitt, H R 090021
Mogensen, V 082026
Mohamed, A H 086966
Mohamed, A K 088013
Mohamed, B F 089654
Mohamed, B F 089655
Mohamed, I S 092124
Mohammad, A 089227
Mohan, J C 092202
Mohan, N G R 082570
Mohan, N G R 091876
Mohan, S T 086915
Mohandas, T 089623
Mohanty, G C 085268
Mohapatra, A R 088075
Mohapatra, A R 091671
Mohapatra, B K 087061
Mohapatra, B K 087062
Mohapatra, G S 085362
Mohapatra, S C 084826
Mohaupt, A A 083880
Moherek, E A 089754
Mohr, K 086615
Mohr, M 082977
Mohr, M 082978
Mohrova, E 087629
Mohsen, A F 086302
Mohsen, M K M 084748
Moir, M 087480
Moise, S 084913
Moitra, N N 088553
Moki, V V 083690
Moku, M 082890
Moku, M 090389
Moku, M 090392
Moku, M 090393
Molberg, E S 087722
Molchanova, I V 091568
Moldenhauer, W C 091890
Moldenke, H N 086510
Moldenke, H N 086512
Moldenke, H N 086524
Moldenke, H N 086539
Moldenke, H N 086540
Moldenke, H N 086543
Moldenke, H N 086547
Moldoveanu, G 083576
Moldoveanu, G 088414
Molina, J A E 091509
Molina, M R 083791
Molina, T 082318
Moline, W J 083901
Moll, R H 086926
Molle, K G 083909
Moller, A 083648
Moller, A 083650
Moller, F W 089429
Moller, F W 090101
Moller, N U 089815
Mollerberg, L 084373
Molnar, A 087645
Molokwu, E C I 084839
Moloo, S K 090222
Moltesen, P 086094
Molyneux, D H 090223
Molyneux, R J 083118
Momaerts-Billiet, F 087363
Momaerts-Billiet, F 092340
Momcilovic, V 088509
Momirowski, I 088245
Momo, H 090388
Momose, Y 086035
Monastyrskii, V F 083770
Monda, R C 091633
Mondal, D P 088199
Mondal, R C 091634
Mondelli, R 087387
Mondini, S 085100
Monet, P 084984
Money, N S 091794
Monge, L E 083792
Monhart, V 091461
Monneret, C 087592
Monnier, G 091581
Monro, H A U 090199
Monrocq, R 082786
Monrocq, R 083583
Montague, M J 087515
Montague, M J 087834
Montanari, G 085832
Montanari, L 083836
Montaner Esteve, J 082344
Montaner Esteve, J 083251
Montard, F X de 085659
Monteverdi, T 082971
Montgomery, A B 089648
Montgomery, G A 083953
Monzini, A 083482
Moody, W G 083458
Moomau, W E 091234
Moon, H W 085310
Moon, R R 084492
Moon, S J 084205
Moon, W H 082906
Moore, C A 086934
Moore, C V 082211
Moore, C V 092092
Moore, C W E 089728
Moore, G E 090116
Moore, I 088365
Moore, I 090941
Moore, J 092066
Moore, J E 084220
Moore, J E 084234
Moore, J N 086867
Moore, L W 089309
Moore, T C 088145
Moore, T C 088168
Moore, T S 087548
Moorjani, M N 082805
Moorthy, S 086438
Mora M, H 091724
Mora, A 082865
Mora, A 083478
Mora, R A de la 082809
Morachan, Y B 087791
Morachan, Y B 091938
Morag, M 083957
Moran, J B 084439
Morata, G 090839
Morata, G 090840
Moravec, J 086434
Morchio, G 083836
Mordenti, A 084402
Morel, G 089294
Moreno Vasquez, R 089000
Moreno Vazquez, R 089995
Moreno Vazquez, R 089996
Morgan-Jones, G 086744
Morgan, H C 085116
Morgan, H G 089973
Morgan, M E 082953
Morgan, N O 090252
Morgan, P 090149
Morgan, P B 090190
Morgan, W D 092094
Morhun, V V 086940
Morhun, V V 086962
Mori, D 082836
Mori, D 082837
Mori, D 082838
Mori, M 085206
Mori, T 083331
Moriconi, L 082969
Morihara, K 087229
Morihara, K 087230
Morimoto, K 090158
Morinaka, T 086987
Morinaka, T 089348
Morishita, H 087456
Morita, A 089254
Morita, H 090698
Morita, K 085837
Morita, K 091392
Morita, O 087805
Morita, O 091941
Morita, Y 087433
Morita, Y 088105
Moritaka, S 083143
Moritz, L 088332
Moriyama, M 086152
Morkeberg, H 082026
Morooka, K 084082
Morozova, T D 091626
Morozova, T D 091628
Morr, C V 083313
Morrill, J L 084593
Morris, B 085320
Morris, C E 082885
Morris, E L 084327
Morris, H A 083324
Morris, L 083700
Morris, M S 086503
Morris, O N 090134
Morris, O N 090135
Morris, T J 089418
Morris, T R 083506
Morris, V C 084601
Morrison, I M 087769
Morrison, J E 091321
Morrissey, J G 084004
Morrow, R A 089233
Morse, G D 091129
Morse, R A 091130
Morstin, E 084684
Mortensen, U 091513
Mortimer, R K 086928
Mosandl, A 083817
Mosch, W H M 089354
Moschetto, Y 083390
Moscovici, C 085503
Moscovitch, L F 082907
Mose, J R 092309
Moser, B D 084223
Moser, H A 083601
Moser, K 091216
Moser, M B 082991
Mosher, A T 082613
Mosi, A D 091937
Mosier, J E 085626
Mosonyi, E 092182
Moss, G A 083126
Mossadegh, A 085929
Mossel, D A A 082817
Mossel, D A A 082899
Mossel, D A A 083149
Mossel, D A A 083232
Mostafa, T H 089871
Mostowska, I 087866
Mothes, E 083981
Motilai, G 082245
Motilai, G 091373
Motilal, G 082246
Motomura, S 091764
Mott, J J 086612
Mottaz, M 084161
Mouftah, E A 089950
Mouftah, S M 089954
Moul, E T 086609
Mould, R D 088632
Mould, R D 088634
Moulick, S K 084824
Moulton, K S 082538
Mount, L E 085657
Moura, L M de 082218
Moura, L M de 088620
Mourgues, J 092303
Mourier, C 083993
Mousseron-Canet, M 087689
Moussin, M 089744
Moustafa, E K 083526
Moutschen-Dahmen, J M 086967
Movesijan, M 084338
Movsesijan, M 084342
Movsesijan, M 085188
Movsesyan, E B 087595
Mower, R L 089028
Moyano, T 084064
Moye, H A 090345
Moyer, E L 086088
Mraz, F R 084908
Mrazek, F 086083
Mrozek, H 082678
Mrozek, R F 083728
Muccinelli, M 082138
Muck, H 086219
Muck, H 086220
Mucke, W 082898
Mucke, W 083379
Mudd, J B 087713
Mudd, J B 087967
Mudd, J B 089455
Mudgal, V D 084542
Mudge, A 084168
Mudry, N 092282
Mueggler, W F 088536
Muehling, A J 092355
Mueller, R L 084321
Muftic, A 084720
Mughetti, L 085473
Muhammad, C W 083657
Muhammad, S V 088449
Muhammad, V 088376
Muhlberg, H 091823
Muhle, P 088390
Muir, D D 087890
Muir, J 092276
Muir, J 092423
Muirhead, R H 085511
Mujica, B 087293
Mukaide, H 086071
Mukaiyama, K 091384
Mukhamedov, A M 092262
Mukherjee, A 086718
Mukherjee, A 091907
Mukherjee, A S 090508
Mukherjee, B K 089181
Mukherjee, G 082873
Mukherjee, G 090381
Mukherjee, P K 083691
Mukherjee, P K 088552
Mukherjee, S K 088551
Mukherjee, S K 091860
Mukhopadhyay, S K 089668
Mulay, C A 082764
Mulbagal, A N 085369
Mule, A 082397
Muljadi, D 091586
Mullen, P A 084113
Mullen, V T 090565
Muller-Wecker, H 082945
Muller, A 087237
Muller, B 082860
Muller, B 082861
Muller, B 089695
Muller, B 090365
Muller, C H 087620
Muller, D G 086713
Muller, E 084958
Muller, F B 090904
Muller, F P 089429
Muller, F P 090101
Muller, G 083411
Muller, G P 082092
Muller, H 084282
Muller, H 084283
Muller, H 084638
Muller, J 084058
Muller, P J 089158
Muller, P J 089371
Muller, P W 083039
Muller, R A 089238
Muller, U 083180

Muller, W 086076
Mullick, B P S 084193
Mullick, B P S 089800
Mullick, P 087402
Mulligan, B O 086342
Mullin, R E 086023
Mumma, R O 087411
Mumma, R O 087766
Munakata, K 087540
Munch, S 083257
Munchow, H 084061
Munetic, T 092361
Munger, R J 085729
Munjal, R L 088774
Munro, D C 091815
Munroe, E 090927
Munroe, E 090928
Munsche, D 087263
Munster-Swendsen, M 090547
Muntwyler, R 087237
Murae, T 087614
Murai, N 088427
Murai, N 091385
Murakami, M 088092
Murakami, M 088790
Murakami, T 087787
Murakami, Y 082738
Murakami, Y 090055
Muraki, E 086119
Muralidharan, A 091795
Muramatu, K 082177
Muramoto, H 086914
Muraoka, S I 086186
Murashima, Y 086133
Murata, G 086329
Murata, G 086337
Murata, K 082999
Murata, T 082201
Murdoch, B E 084778
Murdock, L L 090714
Muresan, E 085127
Murfet, I C 087954
Murfet, I C 087955
Murgaski, S 085549
Muri, P 082647
Murie, M 092377
Muromtsev, G S 091772
Murphy, G J P 087823
Murphy, N F 083195
Murphy, S T 087247
Murray, D B 088942
Murray, D M 084146
Murray, S A 087864
Murray, S A 089825
Murray, S A 090769
Murtadha, M 090383
Murthy, I A S 082955
Murthy, R S 082570
Murthy, R S 091876
Murti, C R K 088041
Murti, T L 084195
Murtland, R J W 091317
Murusidze, D N 084725
Musamukhamedova, E B 089850
Musgrave, R B 087729
Musgrave, W F 092200
Musick, G J 089915
Musiiko, A S 088541
Mustafa, M 090434
Mustafa, M 090435
Mustafa, S P 091575
Mustafa, S P 091576
Mustafaeva, N I 085459
Mustaffa-Babjee, A 085258
Mutanjola-Cvetkovic, M 086839
Mutchmor, J A 090522
Mutchmor, J A 090524
Muthuswamy, P 087790
Muthuswamy, S 083754
Mutseniek, E O 085454
Mutto, S 089104
Mutuura, A 090927
Muyshondt, A 091024
Muzafarov, A M 086457
Muzafarov, A M 088957
Muzafarov, A M 092363
Muzzi, A 092228
Mwaniki, H S K 091106
Myburgh, A C 090079
Mydlilova, E 087883
Mydlilova, E 089720
Myers, D J 084834
Myers, D K 088479
Myers, R J 081902
Myers, R M 084677
Myher, J J 083302
Myhre, H I 083987
Myrcha, A 090408
Myrehed, I 082256
Myres, A W 084498
N'Guyen Van Long, T 089022
Naceur, J 084429
Nadar, M K 092147
Nadve, J J 082550
Nadwyczawski, W 084683
Naegamvala, J P 092115
Naegamvala, J P 092175
Naegamvala, J P 092205
Naess, B 084388
Naess, B 084389
Naess, B 085603
Nafstad, I 085603
Nagabhushanam, S 088775
Nagahara, Y 086151
Nagahori, K 091445
Nagahori, K 091683
Nagahori, K 091685
Nagai, M 087506
Nagaraj, M 086783
Nagaraj, T R 086590
Nagaraja Rao, U N 083785
Nagarajan, S 087358
Nagasawa, T 088991
Nagase, I 083607
Nagata, N 091674
Nagata, T 082740
Nagatomi, A 089935
Nagatomi, A 091007
Nagatomo, Y 085932
Nagda, B L 088381
Naghski, J 083393
Naghski, J 084758
Nagl, W 088008
Nagmoush, S R 092118
Nagorna-Stasiak, B 084032
Naguib, K 083386
Naguib, K 083387
Naguib, K 083388
Nagy, A H 087690
Nagy, G 084084
Nagy, J 092038
Nagy, T 091387
Nahrstedt, A 088136
Naidu, N V 085781
Naik, V N 086753
Naim, M 091166
Nair, A G R 087358
Nair, K K S 082804
Nair, K K S 083608
Nair, M K 085190
Nair, M R G K 089987
Nair, M S R 087438
Nair, P K R 088425
Nair, R R K 089094
Nair, S G 084126
Nair, S P 082223
Nair, S P 091859
Naito, N 089123
Naito, S 089118
Naito, S 089119
Naito, S 089120
Nakadoi, T 082835
Nakae, T 083245
Nakagawa, K 091439
Nakagawa, M 083159
Nakagawa, M 083163
Nakagawa, M 088093
Nakagawa, S 087925
Nakai, S 083312
Nakajima, H 085242
Nakajima, J 087783
Nakajima, S 089589
Nakajima, Y 091836
Nakalamic, A 088204
Nakalamic, A 088910
Nakamura, A 087782
Nakamura, H 081926
Nakamura, H 082889
Nakamura, H 082890
Nakamura, H 086436
Nakamura, H 088214
Nakamura, H 088370
Nakamura, H 089280
Nakamura, H 090387
Nakamura, H 090389
Nakamura, H 090394
Nakamura, H 090398
Nakamura, R 083498
Nakamura, R 083857
Nakamura, R 084415
Nakamura, T 090097
Nakamura, T 090397
Nakanishi, A 091792
Nakano, T 087427
Nakano, T 087558
Nakao, H 085837
Nakao, S 090054
Nakashima, R 087502
Nakayama, R 086758
Nakayama, R 086935
Nakayama, T O M 083773
Nakazato, T 084608
Nalson, J S 082584
Namazov, S N 087653
Nambiar, E P 091796
Nambiar, K K N 089094
Namboodiri, K M N 086844
Nambudripad, V K N 082765
Namikawa, K 083923
Namikawa, Y 082250
Namikawa, Y 088791
Namiki, M 081997
Namiotkiewicz, J 084690
Namitome, H 086989
Namory, M 083013
Nanavati, A N D 085393
Nandpuri, K S 088890
Nangia, O P 084155
Nangia, O P 084196
Nangia, S S 085351
Naphade, D S 087009
Napier, T L 082982
Nappi, A J 089787
Napugan, R S J 083196
Naqi, S A 085278
Naqi, S A 085280
Naqvi, H A 087763
Naqvi, H A 089512
Narain, U 086587
Narang, M P 084549
Narang, R S 083753
Narasimhan, T R 084126
Narasimhan, V 089481
Narayan, D 083098
Narayana, V V D 092203
Narayanan, A 086862
Narayanan, K M 083275
Narayanan, K M 084184
Narayanan, M N 087437
Narayanaswamy, B C 089272
Narmukhamedov, Kh 088956
Narucka, U 085469
Naruhashi, N 086703
Naryshkin, M A 087568
Narziss, L 083043
Narziss, L 083539
Narziss, L 083541
Nash, A J 085903
Nash, D G 082476
Nash, L J 083838
Nash, M J 083829
Nash, R F 090014
Nasimov, A N 088221
Nasimov, A N 092257
Nasini, G 087387
Naskar, D B 087530
Nasr, E A 089865
Nasr, E A 089867
Nasr, E A 089889
Nasr, E A 090320
Nasr, E A 091569
Nasrath, R 086863
Nassar, M E S 089872
Nassar, M E S 089873
Nassar, M S 090280
Nassar, M S 090807
Nasset, E S 084660
Nassif, F M 090320
Nasta, A 086872
Nasta, A 089613
Nasyrov, R G 087624
Natali, L 081907
Natanasbapathy, S 088948
Natarajaratnam, N 087664
Natarella, N 088062
Natchkov, G 092140
Nater, K 082627
Nath, A 087522
Nath, D 085354
Nath, D 085357
Nath, D 085360
Nath, H 082803
Nath, H 083138
Nath, H 083609
Nath, K R 083315
Nath, N 088779
Nath, P 088773
Nath, R P 089468
Natori, S 087606
Naudet, M 083207
Naudin, R 089022
Naumov, V I 082666
Naumovski, H 085163
Nauriyal, J P 088198
Nava Sanchez, S 092217
Navarro, J R 086213
Navellier, P 083050
Naville, R 082298
Navratil, V 085899
Nawara, W 084918
Nayak, B C 085364
Nayak, B C 085681
Nayak, B C 089670
Nayak, U R 088303
Nayar, J K 090641
Naylor, J M 087339
Nazareva, G D 087692
Nazarov, V P 085587
Nazaruk, M 088474
Nazerian, K 085245
Neagu, V 085854
Neal, M W 086646
Neales, T F 087953
Nechaev, A P 083589
Nechiporenko, G A 087743
Nedelcheva, M 086116
Nedlock, J W 083223
Neel, P L 088595
Neely, W B 089587
Neely, W B 089760
Neergaard, P 086447
Neff, A W 083865
Negi, J S 083095
Negi, S S 084546
Negm, F B 088162
Negrerie, M 084813
Negrobov, O P 090872
Neibert, H C 085750
Neild, R E 089530
Neilson, C L 090227
Neilson, W T A 089985
Nelson, A I 083788
Nelson, E V 090651
Nelson, E V 091120
Nelson, H D 090180
Nelson, L E 088207
Nelson, L E 091750
Nelson, O E 087063
Nelson, R C 082255
Nelson, R C 088442
Nelson, R M 083780
Nelson, R R 089210
Nelson, S H 088005
Nema, A G 089480
Nemcik, T 082744
Nemec, S J 089961
Nemec, Z 084453
Nemec, Z 084455
Nemec, Z 084457
Nemec, Z 084458
Nemeth, K 091612
Nemethy, L 091436
Nemtseva, L S 087161
Nenadovic, M 084957
Nene, Y L 089388
Nene, Y L 089941
Nepenin, IU N 086121
Nepomniashchaia, I A 087911
Neri, L 085600
Nes, T J £Van de 092264
Neser, S 089719
Neser, S 090778
Nesheim, S 082689
Nesheim, S 082690
Nesic, P 084013
Neskovic, M 086839
Neskubo, P M 084538
Nesterov, N N 088512
Nesti, V 082851
Nesti, V 090359
Netke, S P 084555
Neubauer, J 087022
Neubohn, G 088657
Neufeld, J L 085662
Neuffer, M G 087032
Neuffer, M G 087033
Neuffer, M G 087034
Neuffer, M G 087035
Neuffer, M G 087036
Neukom, H 083622
Neumann, D 088663
Neumann, F 085663
Neumann, H 082154
Neumann, J 088159
Neumann, U 088657
Neupert, W 087369
Neurand, K 085668
Neururer, H 089703
Neuss, N 087216
Neves, J B 092184
Neveu, A 090453
Nevjestic, A 085574
Nevjestic, A 085575
New, M 084170
Newbould, F H S 084117
Newby, L C 088152
Newcomb, W 086738
Newcomb, W 086739
Newcombe, C L 087864
Newcombe, C L 089825
Newcombe, C L 090769
Newell, J A 084147
Newell, J A 084489
Newill, V A 092380
Newlon, C S 086870
Newman, D M 085969
Newman, D M 091734
Newman, D M R 084710
Newman, D M R 087905
Newman, J A 085263
Newman, J F E 091172
Newman, J H 090969
Newman, L E 085209
Newport, M J 084460
Newsom, H C 089673
Ney, K H 083382
Ney, K H 083383
Neyrial, 085306
Ng, H 083553
Ng, T J 086859
Ngo, T T 087663
Nguyen Ban, J 089768
Nguyen Ban, J 090488
Nguyen Thanh Xuan, 090416
Nhamo, L R M 087348
Niblock, P B 089434
Nica, S 082283
Nicander, L 084212
Nicholas, D J D 087256
Nicholas, R A 082695
Nicholas, R A 083403
Nichols, B W 087483
Nicholson, J F 089239
Nicholson, J F 089320
Nickel, J L 089385
Nickerson, S C 085793
Nickerson, S C 089831
Nickerson, T A 083318
Nicklas, R B 090621
Nickle, W R 089788
Nicola, F 092150
Nicolas, F 082552
Nicolas, G 090412
Nicolas, P M 086213
Nicolet, J 085498
Nicolet, J 085499
Niczyporuk, A 091956
Niebergall, H 083056
Nieder, G 089582
Niederbudde, E A 091606
Niedzwiedz, M 083830
Nielsen, B J 083344
Nielsen, D G 090119
Nielsen, H M 088369
Nielsen, K S 090733
Nielsen, L T 090738
Nielsen, L T 090996
Nielsen, M C 090969
Nielsen, M G 090746
Nielsen, M G 090747
Nielsen, R 086399
Nielsens, S T 082432
Niemand, H G 085415
Niemeyer, K H 085768
Niemi, A 086580
Niendorf, K 091825
Nienhaus, A 082346
Nienhaus, A 083260
Nierle, W 087914
Niese, G 083943
Niese, G 091241
Nietoostolaza, M Del C 082496
Nieuwoudt, W L 082034
Niewerth, G W 083258
Niewiarowska, T 084686
Niewolak, D 092290
Niffenegger, D 089605
Nigam, R 091380
Nigg, H N 090650
Niiazov, B N 086705
Niinivaara, F P 083427
Nijalingappa, B H M 086783
Nijholt, W W 090106
Nijholt, W W 090494
Nijjar, G S 088189
Nijjar, G S 088880
Nijjar, G S 088885
Nijjar, G S 088887
Nijjar, G S 088888
Nijjar, G S 092243
Nijs, T D 092433
Nikitin, D I 091503
Nikitin, D I 091531
Nikitina, E S 091532
Nikitina, K A 087450
Nikkhah, A 084330
Nikolaiev, IE A 086762
Nikolajczuk, M 084917
Nikolic, B 085549
Nikolic, J A 084387
Nikolic, M B 085550
Nikolic, P 084959

Nikolov, S 092152
Nilov, V I 083840
Nilovskaia, N T 088032
Nilson, K M 083252
Nilsson, F 088211
Nilsson, K O 087670
Nilsson, N E 082650
Nilsson, S 086563
Ninh, T D 087296
Ninnemann, H 088026
Nir, I 084107
Nirwan, R S 089245
Nirwan, R S 089323
Nisbet, I C T 086628
Nishibe, S 083859
Nishibe, S 084417
Nishibe, S 087499
Nishida, T 091650
Nishigaki, S 088559
Nishikawa, Y 084762
Nishikawa, Y 084766
Nishikawa, Y 084873
Nishikawa, Y 084874
Nishikido, T 087681
Nishimura, J 088981
Nishimura, M 089127
Nishimura, M 090139
Nishimura, M 090728
Nishimuta, F J 084721
Nishino, T 084159
Nishino, T 084532
Nishino, T 084533
Nishino, T 088404
Nishiuchi, Y 090400
Nishiyama, J 083556
Nistor, B 085855
Nistor, B 088294
Nistri, P F 092051
Nita, M 091423
Nitescu, C 086065
Nitzany, F E 089176
Nitzany, F E 089370
Niuppieva, Ka 088031
Nix, H A 087909
Nixon, D A 084099
Nixon, M 092195
Nizamuddin, M 086393
Nizamutdinov, N M 091187
Nizza, P 084024
Njomou, S E 089238
Noack, D 086157
Nobles, R W 086089
Nockels, C F 084322
Noda, H 083805
Noda, S 085695
Nogami, R 090041
Nogami, R 090042
Nohara, K 090054
Nohejl, J 089406
Noirfalise, A 086625
Noll, M 089603
Nolte, B H 092112
Nolte, D J 089832
Nome, S F 089373
Nommik, H 091966
Nomoto, T 088991
Nomura, K 085695
Nomura, S 086789
Nomura, T 087669
Nomura, Y 085651
Nomura, Y 092162
Nonaka, F 089254
Nonaka, F 089255
Nonaka, F 089256
Nonnecke, I L 083799
Norbaev, N 087653
Norberg, C L 087415
Nordby, A 091450
Nordstrom, H 082295
Nordstrom, P E 082620
Noren, B 091513
Norgaard, O 088669
Norgaard, O 088673
Norgren, R 088977
Noritake, T 088837
Norman, J O 085310
Norment, B R 090268
Noro, Y 087498
Norreel, B 086694
Norse, D 089208
North, S A 084841
Northen, R T 088577
Nosawa, R 082701
Nosawa, R 082702
Nosawa, R 082703
Noske, H J 083073
Nostitz, D 085233
Nothiger, R 090586
Notzold, H 083362
Novak, J A 090512
Novak, V 090173
Novak, V Ja 090428
Novakova, V 089756
Novakova, V 089757
Novikovsky, V E 091361
Nowacki, E K 087626
Nowacki, J 085433
Nowakowska, K 083654
Nowicke, J W 086348
Nowinski, M 086306
Nowosielski-Slepowron, B J A 090205
Nowosielski-Slepowron, B J A 090727
Nozaki, K 086149
Nozzolillo, C 087708
Nsiete, P 084344
Nskse, T 083244
Ntifo, S E A 090205
Ntifo, S E A 090727
Nuner, J H 086638
Nunez-Alarcon, J 087492
Nuorteva, M 090870
Nur, U 090518
Nurmi, E 085516
Nurnazarov, A 084539
Nurnazarov, A 088958
Nursten, H E 083208
Nuti Ronchi, V 086747
Nuti, C 082590
Nuttall, W F 091816
Nyaas-Aakerbakken, O 091834
Nyanteng, V K 083084
Nye, P H 087552
Nye, P H 088083
Nye, P H 091609
Nyedi, J 088104
Nyvall, R F 089389
O'Connor, M F 092206
O'Donnell, J F 088527
O'Dwyer, T 082139
O'Dwyer, T 082417
O'Dwyer, T 083296
O'Farrell, R 088527
O'Flaherty, T 091267
O'Kelly, J C 087475
O'Leary, J W 087240
O'Leary, J W 087241
O'Loughlin, E M 092149
O'Malley, B W 084791
O'Malley, B W 084792
O'Mary, C 084218
O'Regan, W G 088535
O'reilly, P J 084136
O'Shea, R 090922
O'Shea, T 084778
O'Sullivan, P E 086681
O'Toole, P 091519
Oakley, E T 083680
Oaks, A 087714
Oates, C M 085195
Obara, H 085411
Obeid, H M 085799
Obenauf, G 090001
Oberly, G H 087939
Obritzhauser, W 084514
Ochi, M 083825
Ockerman, H W 084215
Ocokoljic, S 084723
Odell, T M 090124
Oden, J A 085504
Odink, H J 084921
Oehme, F W 085774
Oehring, M 083869
Oehring, M 088340
Oellermann, R A 085392
Oertel, G 085865
Oettingen, U 084979
Ofhuchi, S 082054
Ogaki, S 089114
Ogata, K 083802
Ogata, N 085932
Ogawa, J M 089105
Ogawa, N 087609
Ogawa, T 087276
Ogawa, T 087959
Ogawa, Y 086271
Ogburn, C S 087675
Ogino, Y 091445
Ogino, Y 091683
Ogino, Y 091685
Ogiso, T 087281
Ogiwara, S 089331
Ogorzalek, A 090855
Ogoshi, A 086797
Ogryzkin, G S 082666
Ogura, M 085695
Ogura, T 086149
Ohara, T 091384
Ohba, K 086035
Ohfuji, T 082846
Ohga, S 090055
Ohira, H 091018
Ohlmer, A B 082149
Ohlsson, K B 082258
Ohnesorge, B 089528
Ohno, S 084863
Ohta, Y 082738
Ohtsuki, Y 091176
Ohuchi, A 089328
Oishi, K 088496
Ojha, T P 083299
Ojha, T P 083598
Ojha, T P 083779
Oka, T 087229
Oka, T 087230
Okada, I 091163
Okada, S 086071
Okada, T 089572
Okajima, S 082735
Okamura, T 088427
Okamura, T 091385
Okapec, S 082305
Okawa, Y 081957
Okazaki, T 085241
Oke, J G 086458
Okigawa, M 087501
Okigawa, M 088289
Okinaga, Y 087809
Okogawa, M 088287
Okuda, K 087498
Okuma, M 086269
Ola'h, G M 087187
Olah, A F 089195
Olberg, R 092352
Olbrich, H 082335
Olbrich, H 082337
Olbrich, S E 084529
Oldfield, J E 084800
Oldfield, J F T 090332
Oleniuk, F H 087710
Olesen, P O 086017
Olesiuk, O M 085274
Olivas E, E 086822
Olive, B M 089767
Olive, J L 087689
Oliveira, C S de 082780
Oliveira, C S de 083293
Oliveira, E M P de 087145
Oliveira, E M P de 087869
Oliveira, J S 083048
Oliver, B F 089920
Oliver, J E 085636
Oliver, J E 089921
Oliver, J H 090517
Oliver, W M 084623
Olivetti, A 084405
Olivier, R 089295
Olkowski, H 088767
Olsen, H 082112
Olsen, H J 091330
Olsen, P E 092197
Olson, D G 082800
Olson, D G 084577
Olson, G W 091680
Olson, L D 085203
Olson, L D 085307
Olson, L D 085308
Olson, L D 085309
Olson, L W 086865
Olson, L W 087238
Olson, R A 092276
Olson, R A 092423
Olson, T C 091648
Olson, W G 084856
Olson, W G 084857
Olsson, G 088319
Olszewska, E 090437
Oltjen, R R 084571
Oltjen, R R 084849
Oluyemi, J A 084810
Omole, T A 084498
Omole, T A 084507
Omran, M 091935
Omtvedt, I T 084850
Omuro, E 082398
Onderka, H M 082906
Ondrej, M 089260
Ong, T M 087106
Onishi, H 086200
Onishi, H 086201
Ono, H 082672
Ono, H 087108
Ono, S 086998
Ono, T 090054
Onoviran, O 085527
Onuma, K 089126
Onwueme, I C 087633
Ookuma, C 091032
Oonari, K 083925
Oonari, K 084416
Oono, T 088094
Oosawa, K 083160
Oosawa, K 083161
Oosawa, K 083162
Oosten, H J van 089427
Opatrny, Z 087691
Openbeher, J 082946
Ophir, I 087543
Oppenheim, A 087370
Oprea, E 084914
Opritov, V A 087376
Opuszynski, K 089628
Oralla, C 088782
Oredarz, A 084026
Oredsson, A 086396
Orlic, S 091754
Orlicz, T 086228
Orlita, A 092300
Orlov, E S 085444
Orlova, L P 083765
Ormerod, D W 085913
Ormieres, R 090455
Ormrod, D P 087856
Ormrod, D P 089555
Orok, E J 084506
Orr, K J 082942
Orr, P H 091298
Orr, R S 083675
Ors, F 083065
Orsenigo, M 089250
Orsi, L 083063
Orsi, M A 088898
Orskov, E R 084425
Ortega Y, S 088566
Ortega, A 087577
Orth, W D 088585
Ortiz Gonzalez, A 092153
Ory, R L 082951
Ory, R L 082952
Ory, R L 083597
Ory, R L 087829
Orzechowski, J 087874
Os, J L van 082887
Osada, Y 090085
Osawa, K 086152
Osborne, B E 085096
Osborne, C 085769
Osborne, C A 085014
Osborne, C A 085016
Osborne, C A 085017
Osborne, C A 085018
Osborne, C A 085020
Osborne, C A 085022
Osborne, C A 085023
Osborne, C A 085607
Osburn, D D 082094
Osen, E J 085385
Oshima, M 083920
Oshima, M 084763
Oshiro, S 084276
Oshiro, S 084277
Osman, H G 087636
Osman, H G 087637
Osman, H O A 083526
Osman, S A 084042
Osman, S A 084400
Osmatesku, M T 082289
Osmond, D H 084116
Ostarhild, H 091403
Ostermann, L 084808
Ostmann, O W 085488
Ostovar, K 082810
Ostovar, K 083140
Ostric-Matijasevic, B 082759
Ostromow, H 083057
Ostrowska, D 089252
Ostrowski, H 084684
Ostrowski, H 084692
Ostrowski, T 081981
Ostrowski, T 088477
Oswald, W J 092326
Oswalt, T W 089206
Ota, A 091385
Ota, A K 089925
Ota, M 086189
Ota, M 086190
Ota, M 086191
Ota, Y 087902
Otake, K 092088
Otake, Y 084608
Otani, Y 086478
Otel, I 082586
Otel, I 083438
Oteng, A K 084110
Otis, V S 085146
Otokozawa, R 088428
Otomo, K 084274
Otskov, F 085313
Otsuchi, K 088428
Otsuka, M 086175
Otsuka, M 089515
Otsuki, K 082735
Ott, 084942
Ott, A 084926
Ott, E 086068
Ott, F D 086571
Ottenwaelter, M M 088929
Otto, H J 085891
Otto, R 089602
Otvos, I S 090105
Otvos, I S 090493
Ou, S H 089037
Oudit, D D 083845
Ouellette, C A 085330
Oujezdsky, J 091369
Oujezdsky, K B 087413
Oulevey, N 086866
Oura, H 088187
Ourecky, D K 088599
Ouss, V I 092151
Outhouse, J B 084655
Ouvrard, R 082492
Ouzounov, B 092119
Ovcharov, K E 089283
Ovdijenko, A 085548
Overchuk, V I 086949
Overmeer, W P J 089845
Overton, K H 087344
Ovsyannikova, M N 087595
Owada, M 085581
Owen, A A 084223
Owen, H 089002
Owen, H 089003
Owen, R 085759
Owens, A L 082641
Owens, D 085214
Owens, M J 084587
Owusu, P M 085335
Oy, H 086203
Oy, H 086204
Ozalp, M O 089336
Ozawa, S 084159
Ozawa, S 084532
Ozawa, S 084533
Ozawa, S 088404
Ozawa, Y 091315
Ozcan, C 085220
Ozdonmez, M 085852
Paape, M J 084226
Paape, M J 085390
Pableo, G O 089410
Pabst, A 083580
Packer, J G 086288
Packer, L 086721
Pacuta, M 088305
Pacuta, M 091787
Paddleford, R R 085019
Paddock, B W 082549
Padgham, D E 090498
Padilla, E 085120
Padmanabhan, C 089352
Padmanabhan, D 088015
Padmanabhan, S Y 089479
Pagani, L 088898
Page, V M 086347
Pagel, H 091498
Paguio, O R 089379
Pahlavani, A 089477
Pai, K N 083977
Pain, R H 084140
Paine, B B 088743
Paini, L 082776
Pajaczkowski, J 086648
Pajewska, A 087866
Pal, R N 084546
Palagnii, I A 082665
Palamand, S R 083119
Palanichamy, K 089503
Palanisamy, G A 087010
Palenik, S 083494
Palenik, S 084737
Paleologou, A M 088007
Palesh, C M 090403
Palesh, C M 092461
Palic, D 085162
Paliev, H 084707
Pallansch, M J 083303
Pallansch, M J 083311
Palm, E 090141
Palm, R 086128
Palmas, C V 083395
Palmer, A F E 087729
Palmer, A M 087895
Palmer, J S 090344
Palmer, M L 091357
Palmer, R G 086751
Palmgren, P 091044
Palos, T 083807
Palos, T 088802
Palta, H K 087130
Palti, J 089176
Palti, J 089370
Paludan, N 089409

Pan, S F 083776
Panasik, M 082784
Panasiuk, O 083789
Panattoni, A 082236
Panayotatos, N 087963
Panchenko, M F 086943
Panchenko, V K 086956
Panda, B 082410
Panda, B 082411
Panda, B 082766
Panda, B 082767
Panda, B 082768
Panda, N C 085681
Panda, N C 085783
Panda, P C 082410
Panda, P C 082411
Panda, P C 082766
Panda, P C 082767
Pande, B P 085350
Pande, B P 085355
Pande, G C 086168
Pandey, M K 083599
Pandey, M K 091379
Pandey, M R 085331
Pandey, R N 088424
Pandey, R N 091639
Pandey, S N 088779
Pandolfi, S 083441
Pandy, S N 088631
Pandya, R B 087261
Pandya, R B 087685
Panero, M 089688
Panero, M 090048
Panganiban, P C 083197
Pangborn, R M 083154
Panic, M 084957
Panicucci, M 092172
Panigrahy, B 085280
Panin, P S 091736
Panina, G V 089563
Panina, G V 089833
Pankova, E I 091701
Pankowska, B 086225
Pant, R 086166
Panter, R A 087967
Panwar, J S 091383
Pany, M D 087062
Papadakis, C N 092275
Papadias, A 083280
Papadopoulos, Ph 084158
Papagheorghiu, A 083633
Papagiannopoules, A D 085821
Papanicolaou, K 091365
Papanicolaou, K 092138
Papapanagietes, P 086129
Papay, Z 085127
Papazisovski, K 087876
Papendick, K 088524
Papp, J 090944
Paprocki, S 088900
Paprocki, S 088901
Paquay, R 084428
Paramore, W D 084994
Paranjape, V L 085369
Paraschivescu, D 091050
Parasram, S 089384
Parasram, S 090071
Parchman, L G 086768
Parchman, L G 088069
Pardutz, A 086327
Parfait, A 083013
Parfenopulo, M G 083878
Parfenov, I S 085456
Parfitt, J W 086108
Parihar, D B 082803
Parihar, D B 083138
Parihar, D B 083609
Parikh, M B 083660
Parinkina, O M 091528
Parish, J A 082791
Parish, J A 088423
Parisi, L 082589
Parisi, L 083738
Parizkova, L 084456
Park, C K 090241
Park, C K 090966
Park, H 086241
Park, K N 090157
Park, R D 085638
Park, R D 085639
Parker, A J 085638
Parker, A J 085639
Parker, A J 085773
Parker, C A 087885
Parker, C A 087886
Parker, D R 090624
Parker, G G 090354
Parker, J B 082374
Parker, R A 084099
Parkhurst, R M 087491
Parkinson, D 091526
Parks, J C 086567
Parks, R 083989
Parks, T R 083707
Parliment, T H 083125
Parnell, C B 092434
Paro, C 088812
Parodi, R A 088416
Parouchais, C 089610
Parra C, A 091720
Parrish, F C 082800
Parrish, F C 083463
Parrish, F C 084577
Parrot, A G 086382
Parrot, F 087918
Parry, D C 087167
Parry, M S 088615
Parsons, P A 090558
Partadireja, A 082652
Parthasarathy, A V 086860
Parthasarathy, I V 082219
Parthasarathy, I V 088377
Parthasarathy, N 082804
Parthasarathy, N 083608
Parthasarathy, P K 092177
Parthier, B 087259
Parthier, B 087263
Partmann, W 083229
Partyka, T 085981
Parups, E V 088002
Pascal, G 084430
Pascha, C N 083002
Pascovici, N 085853
Pascual, C 087615
Pasini, B 081904
Passarini, I 089932
Passioura, J B 091826
Passmore, S M 083764
Paszkowski, W 087113
Pataky, J 082084
Patanelli, D J 085726
Patashnik, M 083081
Patel, A S 088309
Patel, B M 084543
Patel, B M 084547
Patel, B M 084556
Patel, B N 089230
Patel, C K 083843
Patel, C T 088395
Patel, G A 088822
Patel, G A 091338
Patel, J D 082804
Patel, J D 083608
Patel, K C 083843
Patel, P N 089301
Patel, P N 089302
Patel, R B 084547
Patel, R D 083843
Patel, R M 081968
Patel, U G 084828
Pateman, J A 087414
Paterniani, E 087144
Paterniani, E 087146
Paterniani, E 087148
Paterniani, E 087149
Paterniani, E 087868
Paterniani, E 087870
Paterson, J H 082158
Pathak, A N 091866
Pathak, B S 087775
Pathak, S M 082226
Pathak, V N 086591
Patil, A S 086473
Patil, B V 086589
Patil, J S 081935
Patil, J S 082126
Patil, K D 086805
Patil, N P 081972
Patil, V D 088303
Patocka, J 089522
Patra, A 087536
Patra, A P 087760
Patrascu, A 083103
Patrick, R 092381
Patro, G K 089599
Patro, G K 089631
Patro, G K 089669
Patro, G K 089670
Pattee, H E 083596
Patterson, 085813
Patterson, D 081900
Patterson, D F 084754
Patterson, D F 085605
Patterson, E B 086307
Patterson, J 090667
Patterson, J 090668
Patterson, L A 088355
Patterson, L T 085249
Patterson, R S 090291
Patterson, W J 090648
Patton, B 081897
Patton, S 083300
Patton, S 084238
Patyk, S 090267
Patzold, C 089130
Patzold, C 089131
Paul, A G 087439
Paul, E A 091522
Paul, E A 091527
Paul, F 085864
Paul, F 092431
Paul, H L 089330
Paul, P C 083433
Pauling, P 087350
Pauly, G 088284
Pause, G 083762
Pausewang, S 082011
Pautou, G 090271
Pavan, M 091051
Pavgi, M S 087383
Pavgi, M S 087384
Pavicevic, L 087154
Pavicevic, L 088507
Pavlov, A 090361
Pawar, S E 087023
Pawar, S E 087042
Paxton, K W 083620
Pay, T W F 085396
Payak, M M 089181
Payer, H D 083224
Payne, J A 090061
Payne, J A 090062
Payne, L N 085195
Payne, R C 090297
Payne, W J 091520
Payne, W W 086706
Paz, C B 085345
Pazukhina, G A 086121
Peacock, J M 087754
Pearce, G A 089676
Pearce, G R 084103
Pearce, K N 083357
Pearce, L E 083355
Pearce, R S 086809
Pearman, G C 090201
Pearson, A M 082674
Pearson, A M 083460
Pearson, H 085145
Pearson, K G 090670
Pearson, V 089170
Pearson, V 091690
Pecherskaia, S N 088034
Pecheur, M 085222
Pechlaner, H 090404
Pecht, I 088042
Pechuman, L L 091030
Peck, N H 088861
Peck, S B 090975
Peden, K W C 089420
Pedersen, A 089636
Pedersen, B 091566
Pedersen, H 088478
Pedersen, K 091118
Pedersen, K E 088522
Pedersen, K J 084626
Pedersoli, W M 085772
Pedigo, L P 089912
Pedley, L 086611
Peedin, G F 087897
Peenen, P F D van 090263
Peenen, P F D van 090980
Peetermans, M 090274
Peeters, E G 082986
Peggie, I D 089580
Pehap, A 088299
Peiffer, R A 083531
Peiffer, R A 087672
Peiffer, R A 087673
Peirce, M A 090284
Peiterek, H 083089
Pekarik, S 082082
Pekarik, S 088978
Pelikan, W 087250
Pelisek, J 085838
Pelisek, J 091502
Pelisek, J 091668
Pellerdy, G 091438
Pellett, H M 087998
Pellizzi, G 091355
Pelse, B 086037
Pelser, P du T 089032
Pelsue, N H 083320
Pelz, 083261
Peng, Y 084264
Penka, M 087979
Penman, H L 087586
Penman, H L 087587
Penman, H L 087588
Pennazio, S 088868
Pennazio, S 089330
Penner, K K 082957
Penning-Rowsell, E 083720
Penny, A 087585
Penny, A 091979
Penny, R H C 085534
Penny, R H C 085694
Pensabene, J W 083466
Peo, E R 084223
Peo, E R 084564
Peo, E R 084580
Pepin, H S 089026
Perassi, R 090691
Perch-Nielsen, K 086323
Percheron, F 088135
Peredereev, N I 085444
Pereira, J L 089048
Pereira, M dos S 083481
Perek, M 084107
Perek, M 084896
Peric, D 088508
Peric, M 082757
Perie, N M 085530
Perk, K 085656
Perkin, A G 083309
Perkins, B W 084409
Perkins, C 083732
Perkins, E G 083602
Perlberg, K W 085227
Perman, V 085014
Perman, V 085016
Perman, V 085017
Perman, V 085018
Perman, V 085020
Perman, V 085022
Perman, V 085023
Pernod, A 084161
Pero, R W 082801
Pero, R W 087420
Perotti, G 084879
Perraud, A 091536
Perrenot, F 091023
Perret, P 092055
Perrette, L 090888
Perrin-Waldemer, C 090413
Perrin, J J 083312
Perron, J M 089999
Perron, J M 090189
Perron, J M 090499
Perry, G C 084302
Perry, J S 084868
Persinger, G 084863
Persinger, W H 086103
Persson, A R 088839
Persson, G 086852
Persson, G 088985
Persson, J 084935
Persson, T 082963
Persson, T 090545
Perulli, P 082025
Pesic, V 084355
Pesic, V 084359
Pesic, V 085801
Peskov, V A 083767
Pessin, A 084863
Pesson, L 081955
Peswani, K M 089894
Petcher, T J 087350
Peter, V 084347
Peterhansel, L 085520
Peters, D 089358
Peters, K 084370
Peters, R A 082910
Peters, R M 088744
Peters, W 090521
Petersen, D H 089242
Petersen, J J 090236
Peterson, D M 086908
Peterson, E A 088002
Peterson, E B 086643
Peterson, K M 086706
Peterson, L C 086856
Peterson, L C 088580
Peterson, L W 087836
Peterson, P A 087085
Peterson, R G 084803
Peterson, V J 084142
Petibskaia, V S 087741
Petkov, N T 091254
Petkov, P 084025
Petkov, S 084456
Petkovic, L 082751
Petrak, F 086592
Petrak, F 086594
Petrak, F 086605
Petrak, Z 089403
Petricek, D 087699
Petricic, A 083342
Petrlik, Z 089029
Petrov, O V 085458
Petrov, P 091261
Petrovic, D 082947
Petrovic, D 082973
Petrovic, D 085162
Petrovic, J 086807
Petrovic, J 086840
Petrovic, K 085159
Petrovic, M 084338
Petrovic, R 082014
Petrovic, S 086834
Petrovsky, E 084345
Petrus, D R 083794
Petruso, S 083750
Pett, B 089447
Pette, D 091256
Petters, R M 090533
Petterson, G 084093
Pettersson, A 084630
Petti, M A 089411
Petzold, H 086308
Petzold, H 089146
Petzold, H 089312
Petzold, R 087457
Petzsch, H 089765
Peyrellade, J 084707
Peyton, E L 090995
Peyton, E L 090998
Pezold, R 082069
Pezzani, R 089612
Pfander, W H 084102
Pfanneberg, T 085073
Pfanneberg, T 085075
Pfannhauser, W 083724
Pfeiffer, M 088813
Pfenninger, H B 083039
Pfirter, H P 084678
Pfleger, F L 089222
Pfletschinger, H 085876
Pfletschinger, H 090836
Pfuderer, H A 092459
Phadke, K G 091166
Phaneuf, L P 085661
Pharis, R P 088144
Phelan, J D 082636
Phelps, J W 084581
Philip, J R 092187
Philip, S 089038
Philipp, B 086132
Phillippo, E 082259
Phillips, B 081994
Phillips, B 088873
Phillips, D V 087223
Phillips, F H 086105
Phillips, R K 081994
Phillips, R K 088873
Phillips, R W 084322
Phillips, S A 091930
Phillips, W E J 082699
Phillipson, J D 087429
Phillipson, J D 087495
Phillipson, J D 087505
Phul, P S 088495
Piatkowski, B 084060
Piccardo, C 087793
Picchioni, L 092382
Piccolo, L 090216
Pichl, I 087289
Pichl, I 087983
Pichot, J 091486
Pichot, J 091487
Pickard, B G 087303
Pickard, B G 087705
Pickard, B G 087706
Pickens, L G 090252
Picker, K 087248
Pickering, A 083902
Pickford, R 090498
Pico, R F 092447
Piech, M 086655
Piek-Faddegon, M 083816
Piekarczyk, K 089534
Pien, J 083376
Piendl, A 083032
Piendl, A 083042
Piendl, A 083045
Piepho, H 090479
Pierce, J O 082698
Pierce, J O 083868
Pierik, R L M 088227
Piermattei, D L 085040
Piermattei, D L 085041
Piermattei, D L 085042
Piermattei, D L 085628
Piermattei, D L 085629
Pierre, J 090859
Pietersen, J P 091577
Pietrzak, L 084883
Piezzi, R S 084143
Pigoni, M R 083918
Pike, R B 086574
Pikul, R P 082058
Pildik, V I 084016
Pilitt, D R 090477
Pilla, A M 084879
Pillai, K S 089988
Pilleboune, M 081991

Pillinger, S L 084103
Pilnik, W 083085
Pilnik, W 083658
Pilnik, W 083793
Pilnik, W 083816
Pina Lujan, I 086642
Pinazzi, C P 087591
Pinckard, J A 089034
Pinter, I 083064
Pinter, T 087435
Piot, J C 082575
Piotrowski, E G 083466
Piovarci, A 087125
Pipa, R 090692
Pippenger, D L 083250
Pirags, D 086039
Pirags, D 088279
Pirani, F 090209
Pirati, D 083107
Pirt, S J 091640
Pisanskii, A P 087911
Pisanu, M 091248
Pisareva, N L 084255
Piskun, A I 083297
Pitre, H N 089394
Pitre, H N 089942
Pittaway, E M 085144
Pittelkow, E 082336
Pittendrigh, C S 090744
Pittz, E P 084053
Pitzalis, E 082194
Piva, G 084291
Pivkin, V M 085998
Pivko, I 084361
Pivko, J 084963
Pivnik, L 085762
Plaisted, R L 086856
Plaisted, R L 088580
Plancquaert, P 088486
Plat, M 087216
Plate, H P 089178
Platt, H 085299
Plaut, Z 088166
Player, F 081918
Plessis, L M Du 083839
Pleszczynska, E 085478
Pleszczynska, E 085479
Pleurdeau, A 087591
Pleva, J 083361
Pleva, J 085467
Plewa, M J 087059
Plisek, K 084348
Pliva, K 085944
Plock, H 082853
Plock, H 088820
Ploegman, C 091658
Ploetz, T 086209
Ploetz, T 092417
Plommer, C L 089448
Ploog, U 083052
Plostinaru, G 085965
Ploszynski, M 089718
Plotitscher, M 083412
Plotka, E D 084757
Plowman, T 086448
Plugaru, S G 089792
Plughan, A 091957
Plurad, S B 087127
Pobric, F 084961
Pochini, A 087386
Pocsai, E 089362
Poddubskii, I V 085445
Podgorny, E 082162
Podlahova, R 089031
Podlesakova, E 091976
Podlewska, J 085433
Podoba, B E 084967
Podolinsky, A de 086634
Podolinsky, A de 087249
Poe, S 090008
Poe, S L 090011
Poels, C L M 090507
Poelstra, P 091681
Poelstra, P 092409
Poey, J 084429
Pogacnik, J 082851
Pogacnik, J 090359
Poggel, H A 084980
Poggel, H A 085766
Pohl, R W 086552
Pohlchristoph, H 082468
Pohlchristoph, H 083486
Pohlhammer, K 090851
Pohlmeyer, K 084905
Poinar, G O 089786
Poincelot, R P 091829
Poisson, J 083530
Pokorny, J 083230
Pokrovskij, A A 082976
Pokrovsky, A 082522
Polacek, S 091719
Polacek, S 092289
Polak, J 087126
Polak, J 087156
Polak, J 089403
Polak, J 089404
Polak, V 088910
Polakovic, F 086676
Polakovic, F 086683
Polakovic, F 088865
Polansky, B 085895
Polansky, B 086008
Polappan, S 088623
Polasek, M 084383
Polasek, M 084735
Polasek, M 084973
Polderman, P J G 086470
Polesello, A 083748
Polesuk, J 087453
Polevoi, V V 087739
Polge, H 086235
Poliakov, A F 083116
Poliakov, IU A 087567
Poliakov, V A 085589
Poliakova, E V 087084
Poliakova, O A 085459
Politi, P G 083510
Polito, G 082024
Polito, L 090506
Poll, K W van de 087104
Pollack, S B 090593
Pollard, L H 089497
Pollastro, L 089136
Pollastro, L 090047
Pollet, A 090758
Pollock, J R A 083034
Pollock, V 086097
Polon, J A 090335
Polonsky, J 087578
Poloz, D D 085791
Poltarsky, J 084668
Poluektova, E V 090619
Poluektova, E V 090823
Polykovskii, M D 085441
Pomerol, M C 086323
Pomeroy, B 085336
Pomeroy, B S 085200
Pomeroy, B S 085276
Pomohaibo, V M 087752
Poncak, A 085556
Ponce, C 091025
Ponceau, M 084024
Ponchillia, P E 089551
Pond, W G 083897
Pond, W G 085691
Poneleit, C G 087094
Pong, S S 087416
Ponikiewska, T 084682
Ponirovskii, N G 084539
Ponirovskii, N G 088958
Ponomarenko, A G 090931
Ponomareva, V V 086656
Ponomareva, V V 091700
Pons, W A 082686
Pont, E G 083305
Pont, E G 083306
Pont, W 088998
Pontailler, S 084480
Pontefract, R D 082697
Pool, R R 085755
Poole, H R 084757
Poole, R T 088056
Poonia, S R 091695
Poonia, S R 091696
Poornachandrudu, D 088990
Poorvin, D W 084323
Pop, C 091970
Pop, M 091970
Pope, T E 088572
Popescu, G 086125
Popescu, M 091425
Popescu, M 092042
Popescu, O 083574
Popli, S 087779
Popov, N B 084731
Popov, V F 088202
Popova, O F 087748
Popova, S A 083116
Popovic, A 086835
Popovic, A 086836
Popovic, B P 085540
Popovic, M 085541
Popovic, M 085548
Popovic, R 088204
Popovic, S 086835
Popovich, D 084171
Popovich, D 085346
Popp, L 092307
Popper, M F 086343
Porath, J 087283
Porenius, P 092070
Porfily, L 082446
Porfily, L 083899
Porretta, A 083107
Porter, B R 083672
Porter, L B 082944
Porter, L B 084535
Porter, P 084350
Porter, P 084718
Porter, P 085568
Porter, V L 083788
Portis, A R 087949
Porwisz, W 082626
Pos, J 091236
Poschmann, F 086212
Pose, G 082977
Pose, G 082978
Pospisil, F 088950
Possingham, J V 088224
Post, R L 091287
Postel, W 083038
Postlehwait, J H 090531
Postlehwait, J H 090532
Postner, M 090171
Poszwinski, L 083203
Potier, P 087216
Potkonjak, S 082467
Potrykus, I 088233
Potrykus, I 088236
Pott, J M 085570
Potter, H S 089441
Potter, J C 090347
Potter, J R 087545
Potter, J R 087546
Potter, J W 089457
Potter, L M 084463
Potter, L M 084464
Potter, N N 082825
Potter, O E 083582
Potthast, 082367
Potthast, 083509
Potthast, V 084629
Poulos, A 084091
Poulson, R 087973
Pous, M de 084674
Pouw, H 082899
Pouw, H 083232
Povolny, D 089981
Povolny, D 090868
Powell, A M 086709
Powell, C C 089234
Powell, J A 090779
Powell, J A 090946
Powell, R L 084236
Powell, W E 083459
Powelson, R L 088986
Powelson, R L 091491
Power, J B 088020
Powers, F G 090403
Powers, F G 092461
Powers, J J 082965
Powers, M J 083801
Powning, R F 090520
Powning, R F 091121
Poyser, J P 087488
Poyser, K A 087488
Pozdniakov, A I 091737
Pozsar, B 087298
Praag, H J van 091644
Praagh, J P van 091159
Prabhakar, J V 083786
Prabhakar, V S 082634
Prabhakaran, P V 082097
Pracht, L E 091808
Pradhan, H K 085364
Pradhan, K 084544
Pradhan, S K 087855
Pradon, C 092130
Praglowski, J 086563
Praisler, P 084313
Prakasa Rao, C G 089074
Pramer, D 091546
Prang, G 086158
Prange, I 084729
Prasad, A K 085365
Prasad, G 084296
Prasad, J 085680
Prasad, K 082484
Prasad, L B M 085297
Prasad, R 088411
Prasad, R 091916
Prasad, R N 091498
Prasad, S S 089468
Prasannappa, G 082955
Prasolova, L A 084318
Prata, R G 085617
Pratchett, D 084708
Pratt, B H 086381
Pratt, B H 088997
Pratt, H M 088291
Pratt, P F 091602
Pravda, O 089664
Precausta, P 091023
Preddie, D L 087327
Preddie, E C 087327
Predojevic, M R 085741
Prego, I A 086755
Premavalli, K S 083609
Prentice, N 083554
Prentice, R L 082498
Pres, J 084683
Press, J W 090567
Pressey, R 087978
Preston, A P 088614
Preston, K J 086639
Preston, R L 084102
Preston, R L 084573
Pretzmann, G 089847
Preul, H C 092275
Preusse, H U 091570
Priazhnikov, A N 085807
Priazhnikov, A N 085998
Priazhnikov, A N 088241
Priazhnikova, L P 085998
Price, C 085843
Price, D R 091949
Price, D R 092403
Price, J 090368
Price, M 088698
Price, R D 091022
Price, R L 082790
Price, W C 089410
Price, W D 082796
Price, W D 083881
Priebs, G 083414
Priednieks, O K 085454
Priest, J A 091472
Prieto, M E 091256
Primatesta, G 083353
Primrose, E E 091476
Prince, A J 085902
Princigalli, C 082505
Pritchard, D E 084664
Pritchard, P J 083797
Pritulin, P I 085447
Pritulin, P I 085449
Prochazka, E 083174
Procter, A R 086250
Proctor, E A 082274
Proctor, J T A 083716
Proctor, J T A 087996
Proebsting, E L 088121
Prokhorov, V M 091705
Prokof'ev, M K 087654
Prokosheva, M A 091999
Promersberger, W J 091286
Prosoroff, G 082031
Prosser, P B 082333
Prota, R 089904
Protascchik, V A 087381
Protopappas, Th 083280
Prudic, Z 091663
Prusakova, L D 087746
Pruthi, T D 084184
Pryce, R J 087520
Pryor, T 087064
Przekop, F 084033
Przyborski, Z 085957
Pschorn-Walcher, H 090168
Puch'y, S 082281
Pueyo, G 086383
Pueyo, G 086384
Pueyo, G 086631
Pueyo, G 086633
Pueyo, G 086684
Puhac, I 085183
Puhac, I 085184
Puhac, I 085186
Pujin, D 084339
Puka, F 085303
Pulinets, M P 085823
Pullen, C M 085051
Pullen, J 090078
Pump, G 088604
Pund, W A 084647
Pungulescu, N 091280
Punithalingam, E 086403
Purcell, D A 085196
Purchas, R W 082958
Purchase, H G 085593
Purcupile, J C 084727
Purcupile, J C 092465
Puri, Y P 088353
Puri, Y P 088354
Purnell, R E 090294
Purnell, R E 090297
Purohit, K S 083146
Purohit, R M 087583
Purohit, S K 085300
Pursley, R E 090219
Purushothaman, S 082118
Purushothaman, S 082561
Purwar, S 083093
Pushkarskii, V G 084734
Puspok, J 083630
Putnam, A 090358
Putnik, D 082756
Puttusamy, N 082359
Puzdrea, D 083578
Py, C 082298
Py, C 083739
Py, C 088666
Pyka, N A 086949
Pytasz, M 084031
Qayyum, R U 087763
Qayyum, R U 089512
Qazi, A R 092274
Quadri, E 085474
Qualset, C O 086927
Qualset, C O 087768
Quaroni, S 086825
Quesnel, 081922
Quesnel, J J 085496
Quevedo, F 085494
Quick, C B 085505
Quick, C B 090282
Quinlan, M C 082965
Quinn, J G 082653
Quiot, J M 090421
Quisenberry, J E 086912
Quraishi, S R 084197
Qureshi, R H 087857
Raab, B 083655
Raabe, R D 089065
Raats, P A C 091745
Rab, G 091311
Rabb, J L 091930
Rabe, J 085731
Rabich, A 082721
Raby, J 085667
Raccah, B 090640
Rachie, K O 088519
Racik, J 087126
Rack, G 090213
Rack, G 090939
Racotch, A 091376
Racz, J 086076
Racz, M 083060
Radcliffe, J C 083963
Radcliffe, J C 083964
Radda, A 089847
Radda, A 090293
Radecky, M 085745
Rader, E R 084852
Radha, E 084128
Radice, M 082850
Radice, M 090208
Radke, G 087694
Radko, A M 091903
Radler, F 088226
Radley, D E 090297
Radlick, P 087214
Radlick, P 087426
Radlick, P 089110
Radlinski, W A 092281
Radominski, W 085701
Radonicic, D 082947
Radonicic, S 082947
Radosavljevic, D 085545
Radosevich, G E 092279
Radovic, L 084355
Radu, G 091420
Radulovic, J 084358
Radwan, A I 085578
Radwan, A I 085579
Radwan, W A 090235
Radymska-Wawrzyniak, K 084031
Radymska-Wawrzyniak, K 084032
Raeside, J I 084271
Rafai, P 084286
Rafatjah, H A 090242
Ragas, A 091968
Ragetli, H W J 086737
Ragetli, H W J 089338
Raghavarao, D 088889
Rahalkar, G W 089923
Rahm, U 090893
Rahman, A 089625
Rahman, W 087501
Rahman, W 088287
Rahman, W 088289
Rahnema, H 087365
Rahnema, H 089629
Rai, K N 082451
Rai, K S 090844
Rai, P S 084555
Rai, U K 088412
Railsback, G A 085421
Railton, I D 087564
Railton, I D 088144
Railton, J B 086644
Raina, B L 084190
Raina, B L 084541

Raine, J 090491
Rains, A B 086304
Rais, A 084027
Raj, D 087790
Raj, D 091670
Raj, S M 087791
Raj, S M 091938
Rajagopal Rao, D 084139
Rajagopal, V 088016
Rajagopalan, C K 088625
Rajagopalan, C K 091849
Rajale, G B 091916
Rajan, B K C 088967
Rajan, S V G 082570
Rajan, S V G 091876
Rajaraman, R 090742
Rajaratnam, J A 091571
Rajaratnam, J A 091846
Rajecki, D W 084124
Rajendran, M P 085368
Rajendran, P G 086844
Rajic, I 084341
Rajorhia, G S 083278
Rajput, M S 088189
Rajsic, B 082854
Raju, K 088621
Raju, N B 090626
Rakes, A H 084648
Rakes, J M 085645
Rakha, F A 086850
Rakhimov, A 087397
Rakhimov, A 087398
Rakhmankulova, M E 088982
Rakhmanov, R R 087655
Rakhmanova, R I 089283
Rakow, D 083019
Ralston, A T 083879
Ram, G 089245
Ram, G 089323
Ram, M 086975
Ram, R S 092210
Ramachandran, M 088449
Ramachandran, P R 091575
Ramachandran, P R 091576
Ramadan, H 090791
Ramakrishnan, R 085368
Ramamoorthy, K 088448
Raman, V S 087114
Ramanathan, T 088449
Ramanathan, T 088622
Ramani, S 087761
Ramanthan, K M 091851
Ramarao, P 089080
Ramasamy, A S 081958
Ramasubramanian, P R 087455
Ramaswamy, N 085827
Ramaszeder, K 083453
Rambeck, W A 087269
Rambelli, A 085100
Ramdoss, G 088948
Ramel, C 090628
Ramirez, O 084125
Ramirez, S A 087082
Ramirez, S A 087804
Ramkumar, V 085080
Ramos, A V 089700
Ramsden, J 087338
Ramsey, C B 082799
Ramsey, C B 083461
Ramzan, M 090074
Ramzan, M 090075
Ramzin, S 082760
Rand, A W 089475
Rand, R H 088077
Rand, R H 091269
Randall, C K 082547
Randall, R M 085987
Randall, W 084784
Randel, R D 084847
Randelovic, V 082013
Randhawa, G S 088076
Rangan, R K 083099
Ranganathaiah, K G 089036
Ranganathan, B 083323
Rangasamy, S R S 086782
Rangaswami, G 089137
Rangaswami, G 089306
Rangaswami, S 087538
Rangaswamy, A 082118
Rangaswamy, A 082561
Rangaswamy, M 088376
Ranhotra, G S 082915
Ranhotra, G S 083555
Ranjhan, S K 084190
Ranjhan, S K 084203
Ranjhan, S K 084541
Rankin, A R 082157
Rankov, N 085544
Rao, A R 084549
Rao, A V 083097
Rao, A V 086167
Rao, B R 084828
Rao, E V 087437
Rao, G K 088990
Rao, G M 083097
Rao, G M 086167
Rao, H H 091372
Rao, I M 083527
Rao, I M 087224
Rao, I M 088016
Rao, K E P 086860
Rao, K H 091924
Rao, K J 087611
Rao, K N 086548
Rao, K N 089600
Rao, K N 089713
Rao, M J B 088454
Rao, M K S 081967
Rao, M K S 081970
Rao, M N 082981
Rao, M R K 088016
Rao, M S 085781
Rao, M S 092432
Rao, P A 091924
Rao, P N 090403
Rao, P N 092461
Rao, P R 083205
Rao, P R 087582
Rao, P S 082471
Rao, P V 088374
Rao, P V 091573
Rao, P V 091853
Rao, R 086599
Rao, R 086600
Rao, R 086603
Rao, R S 086459
Rao, S V 088456
Rao, T S 086845
Rao, T V M 082408
Rao, V G 086473
Rao, V G 086598
Rao, V R 086860
Rao, Y K R 083192
Rao, Y P 092034
Raper, K B 087107
Rapp, J 085795
Rapp, M 083257
Rapport, E W 090561
Rapport, E W 090672
Raps, S 086871
Rasbech, N O 085071
Rasehorn, W 091346
Rashid, F F 089839
Rashid, F F 089840
Rashid, F F 090809
Rashid, F F 090811
Rasic, J 082762
Raski, D J 089548
Rasmuson, D M 086893
Rasmussen, E 088920
Rasmussen, E 092252
Rasmussen, H P 083702
Rasmussen, K 091566
Rasmussen, K 091617
Rasmussen, T 088672
Rast, A T B 089354
Ratcliffe, J S 083594
Rath, G C 089095
Rathmacher, R P 084835
Rathnaswamy, R 087010
Rathore, L S 087260
Rathore, S V S 088628
Ratliff, R D 084713
Ratliff, R D 088537
Ratnasiri, N B 090650
Ratto, M A 082817
Ratto, M A 083149
Rau, W 087563
Rauch, F 091134
Raulais, D 087486
Rauscher, S 089565
Rausser, G C 092093
Raut, J C 089091
Raut, K C 082241
Raut, R N 086915
Ravasz, T 092077
Raveendran, N 082358
Raven, P H 086610
Ravindranath, M H 090689
Raviprakash, V 085372
Ravnik, V 087352
Ravona, H 084896
Rawal, G S 091453
Rawat, B S 083954
Rawlings, C A 085027
Rawls, J M 090474
Rawson, H 091906
Rawson, H 092030
Rawson, J R Y 086790
Ray-Chaudhuri, S P 090741
Ray, D E 084232
Ray, P M 082533
Ray, P M 085066
Ray, T K 087530
Rayarikar, R R 083569
Raychaudhuri, D N 090864
Raynaud, J P 085490
Razifard, R 084192
Razin, S 085375
Razzell, W E 082711
Read, D C 089762
Read, D J 086034
Read, D J 092035
Reanney, D C 091738
Reasoner, D J 092452
Reay, R C 089828
Rebesko, B 085543
Rebesko, B 085742
Rebesko, B 085802
Rebhan, J R 088717
Rechlin, E 088655
Reck, R 082539
Reckzeh, G 092308
Reda, F A 087641
Reda, F A 087882
Redai, I 082132
Redai, I 082253
Redai, I 083810
Redai, I 088667
Reddi, O S 085781
Redding, R 085636
Reddy, A P K 089321
Reddy, A S 083242
Reddy, A S 089927
Reddy, A S 090702
Reddy, B R 087945
Reddy, C S 091924
Reddy, D V R 089422
Reddy, D V R 089581
Reddy, G C S 087538
Reddy, G M 087040
Reddy, G M 087131
Reddy, K 084603
Reddy, M R 084548
Reddy, M V 087665
Reddy, P R 087667
Reddy, R S 082698
Reddy, R S 083868
Reddy, T P 087131
Redei, G P 087127
Redfern, R E 090196
Redhead, K 087307
Redman, D G 087826
Redman, H C 085046
Redolfi, P 088868
Redolfi, P 089330
Reed, J R 084411
Reed, J T 090977
Reed, J T 090978
Reeder, D 081897
Reeder, R C 091476
Reese, G 083052
Reese, G 086423
Reese, G 086734
Reeve, R M 087931
Reeve, R M 088579
Reeve, V E 084074
Reeves, E L 090258
Reeves, J J 084218
Reeves, R G 090342
Reff, T 082276
Reffye, P de 086695
Regan, R W 091828
Regenyi, E 091352
Reggiani, F 083114
Reggiani, F 084001
Regupathy, A 087010
Reheeld, D W 087847
Rehkugler, G E 081887
Rehkugler, G E 091306
Rehr, S S 090083
Reibling, J 085425
Reich, H 089161
Reich, H 089162
Reichardt, P B 087576
Reichelderfer, C F 089812
Reicheneder, E 083539
Reichlova, E 087875
Reichlova, E 091978
Reichwald, I 083226
Reid, C P P 088251
Reid, D 092031
Reid, G W 084422
Reid, J B 087955
Reierson, D A 090211
Reigh, D L 087822
Reijmerink, A 086799
Reijmerink, A 088836
Reilly, A 089558
Reilly, C 089558
Reimann, G 086146
Reimer, B G 087159
Reinbergs, E 086884
Reinecke, R K 085492
Reineke, D E 089811
Reiner, L 088538
Reinert, J A 090005
Reinert, J F 090993
Reinhard, H J 085764
Reinhardt, V 084366
Reinig, H J 090656
Reinsel, R D 082301
Reiquam, H 092379
Reis, P J 084073
Reisch, E 082184
Reisch, E 084002
Reisch, J 085876
Reisch, J 090836
Reish, D J 092457
Reiss, J 087627
Reissing, H 088809
Reissmuller, H 090221
Reitano, S 082971
Reiter, B 083316
Reiter, B 085374
Reith, J W S 087770
Reitzel, J 090096
Rejhathy, T 086013
Remund, U 090082
Renault, L 085490
Renda, V 083361
Renda, V 085467
Renner, E 083274
Renner, E 084814
Renner, L 083981
Rensing, L 090511
Renzi, B 086114
Repetov, A N 091469
Repka, I 082087
Repka, J 087649
Repka, J 091788
Reppert, J N 084713
Reppert, J N 088537
Rethinam, P 091847
Retief, W L 091585
Retnakaran, A 090107
Retnakaran, A 090495
Reumann, G 086092
Reut, V 086661
Reuter, H 082367
Reuter, H 083509
Reuter, H 084138
Revenkov, A G 085446
Rexroad, P R 083866
Rexroad, P R 091811
Rey, L 089816
Reynaldo, E F 082693
Reynolds, J 088977
Reynolds, L M 082699
Rezk, M A 089439
Reznicek, R 087915
Reznik, H 088235
Rhoades, M M 087078
Rhoades, M M 087080
Rhoades, M M 087081
Rhode, E A 085051
Rhodes, A M 088926
Ri, C Y 087561
Riabinin, S 086672
Ribarac-Stepic, N 084028
Ribbert, D 090594
Ribbert, D 090601
Ribeiro, J C 082218
Ribeiro, J C 088620
Ribeiro, M A 086576
Ribereau-Gayon, P 083689
Ribo, J M 088288
Ribon, M 082218
Ribon, M 088620
Rich, A E 089228
Rich, C I 091610
Rich, G B 089624
Rich, G B 090227
Rich, S 089550
Richards, G N 084119
Richards, O W 090919
Richardson, A 085295
Richardson, G H 083314
Richardson, J 089385
Richardson, R 090993
Richardson, T 082822
Richardson,a J 087623
Richarson, F E 089562
Richmond, R J 084490
Richter, D 091499
Richter, H 084644
Richter, I 087265
Richter, W 092083
Rickett, H W 086321
Ricketts, R E 084534
Riddiford, L M 090688
Ride, W D L 090920
Ridge, E H 091529
Ridgway, J E 086348
Ridgway, K 092242
Ridgway, R L 089909
Ridinger, R D 092155
Riederer, B 091219
Rieger, C 090961
Rieger, J H 081963
Rieley, J O 091691
Riemann, J 083540
Riemann, J 083542
Rienits, K G 088039
Riese, K 082367
Riese, K 083509
Rigi-Luperti, A 082842
Riising, H J 085471
Riley, B W 091106
Riley, T E 089724
Rillo, E P 089410
Riman, L 087126
Rinehart, K E 084307
Riner, J C 090344
Ring, R A 090675
Ringen, J 082625
Rinjard, J 084052
Rintz, R E 089657
Rio, M E 084659
Rios, A S 089700
Riotte, J C E 090959
Rioux, J 085334
Ripley, D 088569
Rippin, A J 087469
Rippon, L E 088219
Rishanek, D 084176
Risius, M L 087354
Rispens, B H 085420
Risser, P G 086686
Risser, P G 087889
Risueno, M C 086811
Risueno, M C 086812
Risueno, M C 088017
Ritchey, S J 082905
Ritchie, E 087247
Ritchie, E 087248
Ritchie, I M 088468
Ritchie, J A 089677
Ritossa, F 090506
Ritossa, F 090743
Rittenhouse, P A 091871
Ritter, G 087638
Ritter, G 089289
Rivas-Martinez,s 086583
Rivera-Lopez, C 088123
Rivola, M 086496
Rizk, A 090712
Rizk, G A 089866
Rizk, G A 089868
Rizk, G A 089870
Rizk, J 085326
Rizk, M 089870
Rizkallah, M R 089874
Rizvi, S A I 087559
Rizvi, S M H 082059
Rizwan, M 088175
Rizzo, V 081948
Rizzo, V L 089807
Robards, A W 086818
Robb, J M 083456
Roberson, R R 082428
Roberts, D D 089199
Roberts, D L 083620
Roberts, E J 083671
Roberts, F M 087344
Roberts, M C 085294
Roberts, R 085504
Roberts, R B 090651
Roberts, W W 088844
Robertson, B 084097
Robertson, D S 087086
Robertson, D S 087088
Robertson, D S 087089
Robertson, D S 087090
Robertson, J 090692
Robertson, J L 090125
Robertson, J L 090126
Robertson, J L 090130
Robertson, R A 087770
Robertsson, T 084633
Robesko, B 085740
Robic, D 088135
Robinson, A J 083983
Robinson, D W 084470
Robinson, E P 092154
Robinson, H 086509
Robinson, H 086515
Robinson, H 086527
Robinson, H 086528
Robinson, H 086529
Robinson, H 086530
Robinson, H 086532
Robinson, H 086533
Robinson, H 086534
Robinson, H 086535

Robinson, H 086536
Robinson, H 086538
Robinson, J J 084202
Robinson, J J 084717
Robinson, P M 087483
Robinson, S 085381
Robinson, W B 083821
Robinson, W H 090664
Robson, J F 092117
Robson, S 082278
Rocafort, J E 086216
Rocchi, R 083633
Roche, J F 084144
Roche, J F 084767
Roche, P 091485
Rockwell, F F 088718
Rockwell, R F 090470
Rockwood, D L 088262
Rockwood, W G 088519
Rodabaugh, D E 085203
Rodale, J I 091629
Rodchenko, O P 087745
Rode, H 089487
Rodel, W 083418
Rodenhoff, G 084086
Roder, I 090736
Rodimtseva, N E 088982
Rodionov, V S 088031
Rodriguez Alcaide, J J 082102
Rodriguez Alcaide, J J 083863
Rodriguez Alcaide, J J 084437
Rodriguez Marcano, A 089166
Rodriguez-Kabana, R 089494
Rodriguez, R R 087623
Rodriguez, S J 088123
Roe, C H 088171
Roe, J E R 085137
Roeck, W 085070
Roehrkasse, G P 083534
Roehrkasse, G P 088336
Roelfs, A P 089214
Roelofs, W L 090690
Roeper, J 083354
Roeper, R A 090684
Rogers, A W 091301
Rogers, C E 090035
Rogers, H H 088419
Rogers, K E 086525
Rogers, L S 082390
Rogers, M A T 086624
Rogers, M N 088057
Rogers, O M 087795
Rogers, P A M 084656
Rogers, R W 084647
Rogerson, C T 086321
Rogol, A D 084168
Rohde, M 091332
Roheim, J 089183
Rohfritsch, O 089817
Rohloff, D 084982
Rohr, H J 082667
Rohr, H J 083233
Rohrer, H 085054
Rohwer, P S 092375
Rojo Sanchez, E 089000
Rojo Sanchez, E 089995
Rojo Sanchez, E 089996
Rojowska, I 083451
Roland, D A 084308
Roland, G 089369
Roll-Hansen, J 091886
Roller, K J 086014
Roller, K J 086428
Roller, R C 089168
Roller, R C 090370
Rollier, M 086879
Rollier, M 088315
Rollier, M 088487
Rollins, C 085212
Rollins, M L 083673
Rollins, R M 084797
Rolz, C 083049
Roman, E 085101
Roman, M 082987
Romanchenko, V V 087911
Romane, W M 085504
Romanov, G N 087566
Romanova, T A 091703
Romanowski, W 084809
Romeo, A 087280
Romero S, J I 091016
Romero, G E 086901
Romine, M 089198
Romita, A 084879
Romiti, R 082236
Romo, J 087577
Romvary, A 084614
Ronald, N C 090248
Roncaglioli, B 083440
Ronchetti, G 091051
Ronchi, P 084096
Rondhuis, P R 085243
Rone, V 086038
Ronkainen, P 083581
Ronne, V 092463
Ronnenkamp, R R 086895
Ronquillo, M C 090648
Roo, H C De 091761
Rook, B 092028
Rook, B 092163
Roos, H J 082032
Roos, K B de 083127
Roozen, J P 083658
Roper, L 088613
Roquib, M A 088378
Rosay, B 090286
Rose, D A 091826
Rose, P 083219
Rosell, K G 086249
Rosen, H 085622
Rosen, J M 084791
Rosen, J M 084792
Rosenberg, N J 087867
Rosenberry, P E 082249
Rosenow, D T 088521
Rosenstock, G 086830
Roshdy, M A 090261
Roshdy, M A 090979
Rosito, F 083956
Ross, D L 084990
Ross, J P 084596
Ross, J P J 085595
Ross, L J 084116
Ross, M A 087903
Ross, M E 088738
Ross, R A 088705
Rossi, S 084977
Rossier, C 086866
Roszykowa, S 091710
Rota, P 089801
Roth, D 088327
Roth, D 092082
Roth, H 082440
Roth, L 092305
Rothbart, H L 083457
Rothe, K 085105
Rothschild, M 090266
Rothwell, B 084210
Rothwell, B 084211
Rothwell, T L W 085261
Rotschke, W 084432
Rotschke, W 088323
Rotschke, W 088324
Rotschke, W 088331
Rottger, W 083043
Rottger, W 083541
Roubault, M 091478
Rouge, P 087192
Rougeot, P C 091041
Rourk, J P 089068
Rourk, J P 089069
Rousch, I 088702
Rousseau, G G 088179
Rout, B K 089095
Routley, D G 089139
Roux, J 085490
Rovira, A D 087467
Rovira, A D 091529
Rovira, A D 091537
Rovira, A D 091547
Row, L R 087611
Rowa, S 082061
Rowan, K S 087956
Rowan, V C 085778
Rowe, K E 087933
Rowe, L D 085794
Rowe, R C 089204
Rowell, J B 089214
Rowland, D J 085395
Rowland, S P 083671
Rowlands, G J 084801
Rowley, G 086287
Rowley, W A 090259
Rowson, L E A 084352
Rowson, L E A 084872
Roy, A 084825
Roy, B N 088073
Roy, D R 088379
Roy, E P 082148
Roy, E P 082429
Roy, J H B 083394
Roy, M G 087754
Roy, R Deb 088379
Roy, R K 084260
Roy, S K 083787
Roy, S K 088084
RoyChoudhury, P N 084978
Royer, L M 092321
Royes, B A P 085050
Rozenberg, G S 091567
Rozman, M 090290
Rozmarin, G 086115
Rub, F 083071
Rubensam, E 081889
Rubenstein, I 086979
Rubenstein, I 086980
Rubes, L 088201
Rubin, B A 086756
Rubin, B A 089054
Rubin, E 083957
Rubin, H 086641
Rubin, L F 085756
Rubino, A J 082453
Rubio-Huertos, M 089356
Ruckenbauer, W 088932
Ruckenbauer, W 092006
Rucker, W 088008
Ruckman, J E 087768
Rudbeck, J P 082382
Rudd, V E 086518
Rude, T A 085200
Ruderman, S IU 091567
Rudinsky, J A 090694
Rudnicki, R 087932
Rudolph, R D 087671
Ruffin, P 083390
Ruffo, A 082974
Ruizicka, J H A 090374
Rujan, O 082587
Rukavina, L 085542
Rukavina, L 085573
Rukavina, L 085574
Rukavina, L 085575
Rulka, J 085431
Rumball, P J 089696
Rumbaugh, M D 087041
Rumbaugh, M D 087043
Rummler, H J 084644
Rundel, P W 086573
Rungie, J M 088158
Runkovic, G 086497
Runov, V I 087451
Ruppel, R 090358
Ruppel, R F 091016
Ruprah, N S 085353
Ruprah, N S 085371
Rusch, H P 087372
Ruschke, R 083017
Rush, M C 089129
Rushner, A 086140
Rusov, C 084337
Rusov, C 084342
Russak, G 091284
Russel, A J F 084424
Russell, C R 083667
Russell, G B 087525
Russo, C 083091
Russo, C 083749
Rust, R E 082800
Rust, R E 084577
Rust, R H 091637
Ruszczyc, A 084683
Rutherfoord, R J 088632
Rutherfoord, R J 088634
Rutherford, G K 091687
Rutkovski, IA 086122
Rutkowski, A 083169
Rutkowski, A 083903
Rutkowski, A 084652
Rutkowski, A 084653
Rutledge, P J 083796
Ruts'kyi, I A 086762
Rutten, P 092026
Ruttner, F 091081
Ruttner, F 091092
Ruttner, F 091164
Ruttner, H 091065
Ruttner, H 091092
Rutts, R I 087159
Ruxandu, C 091428
Ruyack, D F 083433
Ruyter, T de 084705
Ryan, E W 082816
Ryan, E W 083795
Ryan, G S 087067
Ryan, J 091971
Ryan, J C 092327
Ryan, M 091618
Ryba, K A 091444
Rybak, H 083202
Rybakova, T A 086121
Rychlewski, J 087200
Ryck, L De 084239
Ryder, G J 087814
Ryder, K 084562
Ryder, M L 084049
Ryf, A 090780
Ryf, A 091213
Ryf, A 091224
Rys, R 084684
Rys, R 084691
Rysanek, D 083361
Rysanek, D 085467
Ryu, D D Y 083133
Ryynanen, A 088582
Ryzhinskii, M V 091705
Rzeczkowski, R 086229
Rzedzicki, J 085432
Rzehaczek, F 091821
Rzeznik, K 084034
S.-Rozsa, K 090710
Saad, A K 089876
Saakov, V S 086291
Saavedra, C E 083842
Sabados, D 082854
Sabbour, M 083388
Saber, M S M 091779
Saber, M S M 091780
Sabharwal, V B 083323
Sabour, B A C 088402
Saccinto, I 083332
Sacharow, S 092349
Sachdeva, K K 084560
Sachs, R E G 082012
Sachtjen, J F 085747
Sackett, W M 087837
Sackston, W E 089025
Sackston, W E 089027
Sacre, E 086244
Sadanandan, N 091793
Sadanandan, N 091797
Sadaric, F 085542
Sadasivam, K V 091784
Sadasivam, R 083754
Sadek, G 083388
Sadoh, T 086186
Sadykova, A Sh 087398
Saegert, S 084124
Saeki, Y 087427
Saelzer, P 085667
Saether, O A 090930
Saez, H 084052
Safford, R 087483
Safin, M K 086961
Safran, B 088223
Sagan, C E 084242
Sagara, N 086479
Sagatov, S S 086705
Sagdullaeva, M Sh 086613
Sagdullaeva, M Sh 091770
Sagi, R 091376
Sahdev, R K 087582
Sahlin, C I 086581
Sahling, P H 087351
Sahni, K L 084825
Sahota, T S 090109
Sahota, T S 090504
Sahu, R K 088823
Said, A F 089876
Saidakhmedov, N M 082191
Saidin, A B 082433
Saidin, A B 083813
Sailer, R I 089764
Sain, K 082119
Saini, J S 088491
Saini, S S 088490
Sainsbury, D W B 083944
Sainsbury, D W B 085328
Saint Paul, U von 084300
Saint-Lebe, L 083668
Saio, K 083558
Saito, C 084418
Saito, F 086184
Saito, K 084608
Saito, K 086758
Saito, K 086935
Saito, N 088148
Saito, S 085412
Saito, T 082458
Saito, Y 085650
Saito, Y 085651
Saito, Y 090265
Saito, Y 090983
Saito, Y 092390
Sakai, A 086071
Sakai, H 091908
Sakai, K 083046
Sakai, K 086181
Sakai, M 085939
Sakai, M 090936
Sakai, W S 086814
Sakai, Y 082735
Sakakibara, A 086177
Sakakibara, A 086178
Sakamoto, S 086987
Sakamoto, S 089348
Sakawa, H 085206
Sakhalkar, S B 082267
Sakhalkar, S B 091945
Saksena, H K 086587
Sakurai, H 089281
Sakurai, M 082176
Sakurai, Y 086987
Sakurai, Y 089348
Sakushima, A 087499
Sala, A 086226
Sala, F J 087476
Salam, A 083657
Salam, A M A 090182
Salama, H S 090712
Salamin, A 092258
Salamon, F 083624
Salardini, A A 088212
Salatova, N G 085807
Salazar, J A 087618
Salazhov, E L 085446
Salcedo, L G 083199
Salcedo, R N 090303
Salcedol, L G 083197
Saleem, M 090527
Saleem, M A M 091845
Saleh, M 087560
Saleh, M A 089542
Saleh, S A 087882
Salem, H M 084042
Salem, H M 084400
Salem, S I 089862
Salem, S I 090526
Sales, L S 084332
Salgar, S S 087504
Salikhov, S A 087210
Salins, J F de 085659
Sallam, L A R 087635
Sallmann, H P 084730
Sallstrom, J F 084038
Sallvik, G 083670
Salo, P 083173
Salsac, L 087644
Salt, G 090775
Saltini, A 081952
Saltman, P 084310
Salvador, G F 087371
Salzano, G 082900
Salzano, G 082901
Samara, J S 088971
Samardzic, T 082759
Samborski, Z 085700
Samek, Z 087485
Samish, M 090643
Sammes, P G 087488
Samoto, K 088437
Samotus, B 083830
Sampei, M 089573
Sampei, M 091766
Samsar, E 085642
Samsinakova, A 087639
Samson, K S 085342
Samygin, G A 087744
Sanahuja, J C 084659
Sanchez Romero, A 088999
Sanchez-Medina, F 088283
Sander, K 090838
Sanders, E B 083776
Sanders, E J 083515
Sanders, F E 087470
Sanders, T G 090529
Sanderson, F R 089007
Sanderson, G W 083123
Sanderson, G W 083126
Sanderson, J 086818
Sanderson, K C 088046
Sanderson, K C 089645
Sandhu, G S 090076
Sandhu, H S 088494
Sandhu, S S 088881
Sandkleiva, A 091447
Sandner, H 090411
Sandoval, P R 082071
Sandoval, P R 082633
Sandoz, H 086685
Sandoz, M 082877
Sands, D C 089550
Sands, W A 089827
Sandu-Ville, G 083759
Sandu-Ville, Mrs. G 083759
Sandvik, O 089758
Sanei, F 089477
Sanei, F 091991
Sanford, K H 089985
Sanford, K H 089986
Sanford, W W 086391
Sanford, W W 086729
Sangar, D V 085395
Sanger, V L 085267
Sanger, V L 085892
Sangiorgi, G 084331
Sangiorgi, G 084938
Sankhla, N 087267
Sankhla, N 087684
Sankhla, N 088027
Sannan, F 082566
Sannan, F 083508
Sanne, S 083972

Sanner, T 083310
Sansavini, S 088785
Sanshuck, D W 083790
Sansom, B F 084801
Sansom, B F 085658
Santa Maria, H C 082851
Santa Maria, H C 090359
Santa, S 082759
Santamaria, J 087527
Santhanaraman, T 089933
Santi, A L 083370
Santi, R 082850
Santi, R 090208
Santiago, A 088123
Santiago, A E 086502
Santiago, O 082781
Santoprete, G 082706
Santoprete, G 082913
Santos, Z G dos 088915
Santus, G 084879
Sanwal, G G 087974
Sapers, G M 083789
Sapinac, M 085541
Sapre, V T 086891
Saraswat, V N 088768
Saraswat, V N 088772
Sardana, M G 091864
Sareen, T S 086719
Sargent, F O 092439
Sari, D 081989
Saric, M 087881
Sarkar, A N 091670
Sarkar, M P 082562
Sarkisov, A Kh 085440
Sarkissian, I V 087821
Sarkozy, P 081936
Sarli, C A 082851
Sarli, C A 090359
Sarma, M T R 082242
Sarmiento, R 089909
Sarnecka-Keller, M 084027
Sarojini, C K 084198
Sarospataki, Gy 090044
Sarowa, P S 088195
Sarowa, P S 088886
Sarraf, S 087359
Sarrouy-Balat, H 088174
Sarson, M 084007
Sarzala-Drabikowska, M G 090697
Sasaki, K 087680
Sasaki, M 087000
Sasaki, M 091163
Sasaki, T 087360
Sasaki, T 087361
Sasaki, Y 084276
Sasaki, Y 084277
Sasamoto, A 082734
Sasamoto, T 082734
Sasaoka, K 087959
Sasayama, S 082872
Saschenbrecker, P W 090314
Sasidhar, V K 091797
Sasmal, N 084260
Sass, O 090316
Sass, O 092323
Sassa, T 087608
Sasser, M 089554
Sasso, D R 090281
Sathe, K B 089147
Sato, J 091439
Sato, Y 083519
Satoh, Y 082066
Sator, C 087789
Sattler, R 086745
Satyanarayama, M S 087404
Sauciuc, J 083759
Saue, O 083889
Sauer, A 082565
Sauer, J R 090677
Sauerman, D M 090641
Saufley, G C 090661
Saugstad, E S 090993
Saulescu, N 088485
Saulmon, R W 092212
Saumell, H G 088343
Saumell, H G 091813
Saunders, D S 090784
Saunders, L Z 085756
Saunders, P T 091533
Saunders, R M 084600
Saunders, R M 087819
Saure, M 088854
Savchenko, M H 087753
Savi, P 082775
Savi, P 083444
Savile, D B O 089024
Savory, B M 089753
Sawa, K 085652
Sawa, M 086990
Sawada, I 085219
Sawada, M 090517
Sawaya, W N 084057
Sawayama, J 082836
Sawhney, V K 086854
Sawicka, A 091712
Sawicki, R M 090278
Sawyer, D C 085115
Sawyer, L D 082680
Sawyer, L D 083021
Saxana, M L 089245
Saxana, M L 089323
Saxena, C P 091908
Saxena, J S 084557
Saxena, R K 087421
Saxena, S K 088268
Saxena, S N 087860
Saxena, V P 084643
Saxton, G 088687
Sayi, I S 086863
Sayles, C D 090536
Scaife, M A 088079
Scallan, A M 086233
Scandalios, J G 087038
Scandalios, J G 087794
Scanlan, R A 082953
Scanlan, R A 083777
Scanlon, D H 091830
Scantamburlo, J L 088416
Scarth, R D 084583
Schabort, J C 087282
Schade, J 087694
Schade, J 089042
Schade, J 089297
Schaewen, H 085416
Schafer, E 088125
Schafer, P 092008
Schaffalitzky, M 085883
Schaffer, E 085061
Schaffernicht, 091856
Schaffrick, H J 091346
Schaik, F S M van 083003
Schaik, F S M van 083004
Schalitz, G 088392
Schally, A V 084218
Schalm, O W 085660
Schamp, N 091590
Schamp, N 091595
Schanbacher, F L 084231
Schaper, W 086211
Schaper, W 092418
Scharding, J H 082826
Scharding, J H 083471
Scharfenstein, O H C 083761
Scharff, D K 090288
Scharrer, E 084365
Schaufele, W R 089976
Schauff, A M 082618
Schauff, A M 083351
Schaumann, K 086453
Scheer, J 085703
Scheerpeltz, O 090004
Scheerpeltz, O 090539
Scheffer, E J 086662
Scheffer, R P 089188
Scheiber, C 084823
Scheibner, R A 083940
Scheibner, R A 089775
Scheibner, R A 090003
Scheibner, R A 090113
Scheibner, R A 090114
Scheibner, R A 090181
Scheidelman, R J 090403
Scheidelman, R J 092461
Scheinkerman de Obschatko, E 082284
Scheinmann, F 087503
Schelenz, R 083227
Schell, F M 087216
Schemmel, R 084595
Schemmel, R 090310
Schendel, U 088530
Scheper, J 083424
Scheper, J 083493
Scherer, A 083039
Scherff, R H 089314
Schertz, K F 086897
Scheuermann, M 082487
Scheusner, D L 082819
Schiaffonati, L 087285
Schickel, W 082414
Schiemann, B 090297
Schiemann, R 084059
Schiff, P L 087442
Schild, N W 092144
Schiller, H P K 087832
Schilling, E 084386
Schilling, P E 091931
Schingoethe, D J 084587
Schinke, E 082553
Schinke, E 083067
Schipper, C J 083364
Schipper, C J 083366
Schipper, E 085725
Schipper, I A 085465
Schirach, F 088660
Schirach, F 091348
Schirach, F 092083
Schjerven, L 085712
Schlaszus, H 083229
Schlecht, H 085322
Schlecht, H 085324
Schlegel, B 083362
Schlegel, D E 089419
Schleicher, H 085829
Schleicher, J 084887
Schlup, U 084679
Schmahl, D 082708
Schmahl, W 085073
Schmahl, W 085075
Schmaltz, J 085920
Schmaltz, O 082079
Schmalz, K L 092312
Schmauder, H P 087264
Schmedt, K 082527
Schmeltz, L L 090232
Schmelzer, K 089333
Schmelzer, K 089430
Schmid, M 091115
Schmidhofer, T 083392
Schmidlin, A 091292
Schmidt-Burr, H 084712
Schmidt-Koehl, W 090890
Schmidt, E 082430
Schmidt, E 084367
Schmidt, E L 091509
Schmidt, E L 091530
Schmidt, F 084685
Schmidt, G 089723
Schmidt, H 086918
Schmidt, H E 089333
Schmidt, J 086076
Schmidt, M F G 085582
Schmidt, O 088326
Schmidt, O 091493
Schmidt, P 083256
Schmidt, U 084376
Schmidt, W H 087814
Schmit, J A 083122
Schmitt-Verhulst, A M 087367
Schmitt, P A 091061
Schmitt, R V 089548
Schmittner, F 082053
Schmuntzsch, S 082101
Schmutterer, H 089781
Schmutterer, H 092345
Schmutz, E M 088488
Schnack, K 090989
Schneble, H 092352
Schneck, G 085805
Schneider, A 086153
Schneider, D 084620
Schneider, E L 090032
Schneider, G W 087940
Schneider, J 085106
Schneider, J 088896
Schneider, L G 085208
Schneiderman, H A 090531
Schneiderman, H A 090532
Schneidt, H 083688
Schnitzer, M 091558
Schobel, K 091418
Schoen, A 084085
Schoenaers, F 085221
Schofield, E K 086569
Schofield, E K 086665
Schole, J 084730
Scholl, C G 090137
Scholl, E 085498
Scholl, E 085499
Scholl, W 085228
Scholl, W 085229
Scholten, J J 091759
Scholtissek, C 085582
Scholz, E W 090137
Schomaker, M E 089232
Schomaker, M E 089233
Schomaker, M E 090153
Schon, E 082189
Schoneweis, D A 085213
Schonfelder, P 086469
Schonstedt, G 091345
Schoof, H F 090247
Schoof, H F 090663
Schoon, H 090511
Schorcht, M 085866
Schothorst, M van 082731
Schotman, A J H 085707
Schotsman, H D 086630
Schott, P 090555
Schouboe, P J 090331
Schouboe, P J 092354
Schramm, K H 086308
Schramm, K H 089146
Schramm, V 085519
Schreiber, H 085721
Schrepfer, G 083644
Schreuder, H A W 083151
Schreurs, J 089286
Schroder, E 091884
Schroder, M 082124
Schroeder, D 091630
Schroeder, H A 087497
Schroeder, H W 088993
Schroeder, W A 084054
Schroeder, W J 090028
Schrotter, H 086079
Schryver, H F 084048
Schubert, 083870
Schubert, J 083776
Schuepp, H 089261
Schuessler, R 083928
Schuffelen, A C 091621
Schulte, F 082568
Schultes, E 084087
Schultheiss, H 091135
Schultz, D P 089659
Schultz, J E R 083677
Schultz, L H 084856
Schultz, L H 084857
Schultz, R D 085378
Schultze-Westrum, T 092436
Schultze, W D 085390
Schulz, 091272
Schulz, H 086147
Schulz, H 088798
Schulz, H 091926
Schulz, H D 091997
Schulz, H H 091333
Schulz, J 085105
Schulz, J 085106
Schulz, L C 084273
Schumann, H 091346
Schumann, W 090701
Schunewitsch, A 083412
Schunke, U 091405
Schuricht, R 088664
Schuricht, R 091350
Schurig, M 083890
Schurig, M 091404
Schurz, J 086117
Schurz, J 086251
Schuster, M L 087039
Schuster, M L 089307
Schuster, R O 090946
Schuster, W 086919
Schutte, F 089974
Schutz, E 084087
Schutz, W 092421
Schutze, K 084888
Schutze, K 085437
Schutzler, H 085230
Schutzler, H 085231
Schwaar, J 086693
Schwab, G O 091357
Schwan, B 091227
Schwartz-Kraepelin, H 087601
Schwartz, A M 082476
Schwartz, D 087075
Schwartz, H J 084116
Schwartz, L W 085737
Schwartz, P H 090319
Schwarz, E 081953
Schwarz, K 088327
Schwarz, K 091857
Schwarz, K 092082
Schwarz, K 092083
Schwarz, M 089909
Schwarz, M 090250
Schwarz, O 086277
Schwarz, P 090757
Schwarzel, E 091147
Schwarzenbach, W 088911
Schwarzweller, H K 082003
Schwebs, M 085055
Schwebs, M 085056
Schwebs, M 085237
Schweer, D 083035
Schweisheimer, W 082469
Schweisheimer, W 083488
Schwemmler, W 090482
Schwemmler, W 090830
Schwenke, K D 083655
Schwertmann, U 091559
Schwinn, F J 089182
Scioch, S 085982
Scora, R W 086390
Scott, A I 087576
Scott, D 084202
Scott, D H 088857
Scott, H E 090056
Scott, H G 090999
Scott, K J 083845
Scott, K J 089109
Scott, P M 082683
Scott, P M 082688
Scott, W F 082693
Scott, W N 082533
Scott, W N 085066
Scotter, G W 087717
Scowcroft, W R 090574
Scudiero, A 083285
Scurfield, G 086726
Seaborg, G T 082648
Seaman, A 083395
Seamands, W J 088460
Searls, R L 084132
Sears, J H 086898
Seas, S W 083277
Seawright, J A 090245
Seay, R S 090642
Sebesta, J 087155
Sebesta, J 089257
Sebestyen, E J 083642
Sebestyen, E J 083895
Sebestyen,e J 083643
Sechet, J 089329
Seckman, M C 088703
Sedberry, J E 091656
Sedberry, J E 091930
Sedivy, J 089947
Sedlacek, B A J 083651
Sedlak, O 085889
Seebeck, R M 084204
Seerley, R W 084583
Seffner, W 084290
Seffner, W 085438
Seffner, W 085790
Segal, B 082770
Segal, R 082770
Segal, R 087436
Segawa, K 085933
Segedinac, M 082467
Segel, I H 087415
Segers, T A 088227
Segeta, V 087876
Seguela, J M 088531
Sehgal, P B 085393
Sehnal, F 090173
Sehnal, F 090707
Seibel, W 083565
Seibel, W 087914
Seiber, J N 087244
Seidel, E 088585
Seidemann, J 083217
Seidemann, J 083220
Seidemann, J 083812
Seidemann, J 088206
Seidl, V 088238
Seidler, S A 084686
Seifert, H 090285
Seifert, J 089821
Seifert, J 091729
Seiger, M B 090470
Seim, E C 092276
Seim, E C 092423
Seitz, P 081927
Seitzer, J F 088356
Sekawa, I 089125
Sekhar, A C 086165
Sekiguchi, A 088429
Sekiguchi, A 088431
Sekiguchi, K 090862
Sekita, H 082735
Sekita, S 087606
Sekizawa, K 086987
Sekizawa, K 089348
Selander, H 087462
Selby, L A 084335
Selby, L A 085692
Selcer, R 085636
Self, K S 084122
Seliakov, S N 091489
Seligman, I M 090638
Sell, H M 086939
Sell, W H 084639
Sellars, R L 083345
Sellerio, U 082775
Sellerio, U 083444
Sellier, R 090412
Selmeci, Gy 083731
Sels, A A 087367
Seltmann, H 087897
Seltmann, H 091472
Selvaraj, P 082359
Semakin, V P 086951
Semancik, J S 089418
Semeniuta, A T 091677
Sen, A 091776
Sen, A R 083204
Sen, P K 087923
Sen, P K 088074
Sen, S 088378
Sen, S 088408
Sen, S K 086969

Senchenko, F 088969
Senft, B 083941
Sengar, O P S 084183
Sengar, O P S 084560
Sengupta, A 083616
Sengupta, K 086971
Sengupta, K 088380
Sengupta, K 088408
Sengupta, P 083204
Senich, V IA 083116
Senkpiel, K 087265
Seno, F 084611
Serebriakov, A S 085448
Seren, E 084297
Serrano, J T 084436
Servat, E 091579
Seryczynska, H 090411
Seshadri, T R 087356
Seth, S K 085924
Sethi, R K 083610
Sethunathan, N 089806
Sethunathan, N 091694
Setliff, E C 089223
Seufert, H 083942
Sevaljevic, L 084028
Sevcik, B 084348
Sevcik, J 082082
Sevcik, J 088978
Severac, M G 092317
Severin, G A 085619
Sevkovic, N 084339
Sevkovic, N 084341
Sewell, G W F 089044
Sewell, J O 084440
Sexton, H G C 083936
Sexton, H G C 084805
Sexton, J W 085088
Seyfarth, D 085228
Seyfarth, D 085229
Seymour, F C 086315
Seymour, F C 086316
Seymour, F C 086318
Seymour, F C 086531
Sgalippa, G 090052
Shaaban, K 088220
Shaaban, K 091935
Shaaban, K 091993
Shaaban, S 091935
Shadmanov, P K 086339
Shafer, C E 082327
Shafik, T 090346
Shafizadeh, F 086503
Shafizadeh, F 090826
Shah, D M 087796
Shah, R B 092175
Shaheen, Y 083388
Shain, L 088263
Shakarian, G A 091199
Shalaby, A M 090234
Shalaby, A M 090799
Shalhevet, J 087574
Shalhevet, J 092425
Shaltiel, S 084165
Shama, F 083155
Shamma, M 087504
Shand, M J 092158
Shanin, T 082074
Shanmugam, A 083735
Shanmugam, A 087924
Shanmugam, A 091869
Shanmugavelu, K G 091869
Shanmugham, A 088621
Shannon, G M 082681
Shantha, R 091847
Shapcott, R C 085718
Shaper, J H 083856
Shaposhnikova, N G 091188
Sharafutdinova, F Kh 087655
Shargool, P D 087663
Shargool, P D 087852
Shariaeva, G S 087169
Sharif, M 087857
Sharkawi, S G 091124
Sharma, A K 086788
Sharma, A K 091867
Sharma, A N 088452
Sharma, B N 084546
Sharma, D K 087922
Sharma, D R 085366
Sharma, G N 092034
Sharma, H C 088394
Sharma, H C 088777
Sharma, H C 091863
Sharma, J M 085202
Sharma, J P 088628
Sharma, J R 088879
Sharma, K C 087758
Sharma, K C 091911
Sharma, K M 084557
Sharma, L C 089097
Sharma, N 082768
Sharma, N D 088182
Sharma, N D 089215
Sharma, P N 084826
Sharma, R C 089070
Sharma, R C 089181
Sharma, R M 084189
Sharma, R N 091313
Sharma, R R 091381
Sharma, R S 084556
Sharma, S 082229
Sharma, S C 088889
Sharma, S N 088269
Sharma, T C 092208
Sharma, V D 084472
Sharma, V D 085312
Sharma, V K 088452
Sharma, V N 083206
Sharma, V P 090272
Sharma, V P 090291
Sharma, V S 089706
Sharma, V S 089707
Sharma, Y K 086166
Sharman, G A M 084955
Sharp, D C 084871
Sharp, E L 089189
Sharpe, M E 083316
Sharpe, R H 086938
Sharples, R O 083718
Sharples, R O 083729
Sharples, R O 088011
Sharples, R O 088012
Sharry, L F 084073
Shashkina, N I 089835
Shaulis, N 088833
Shauman, T 083387
Shaunak, K K 089394
Shaunak, K K 089942
Shavlovskii, G M 087449
Shaw, G W 088063
Shaw, J 090419
Shaw, J G 089413
Shay, F J 087838
Shcherbakov, M F 082309
Shcherbatenko, V I 088243
Shearer, M N 091451
Shedeed, M R 088220
Shedeed, M R 091993
Sheedy, J D 086686
Sheedy, J D 087889
Sheets, T J 082888
Sheets, T J 090384
Sheets, T J 092427
Sheets, W A 088858
Sheets, W A 091958
Shehata, K K 090091
Shehata, K K 090806
Sheikh, M I 086053
Sheikh, M I 092235
Shekhawat, S S 083094
Shelepina, G A 086829
Shellard, E J 087505
Shelley, A J 090224
Shelley, A J 090458
Shelton, J E 088829
Shelton, J R 084463
Shelton, J R 084464
Shen, R S 083124
Shen, R S 089107
Shenkenberg, D R 083535
Shenkenbert, D R 083536
Shepard, M 090492
Shepherd, K R 088256
Sheridan, J P 085735
Sheriff, N M 088621
Sherman, M 089809
Sherman, P 083155
Sherman, W B 086938
Sherrill, M N 084292
Sherrod, B L 084721
Sherrod, L B 084592
Sherrod, W W 085562
Sherwood, R T 089195
Shetty, M S 082954
Shetty, M S 083611
Sheveleva, T I 087884
Sheviak, C J 086450
Sheviakova, N I 087736
Shevtsov, V M 086942
Shewfelt, A L 082843
Shewfelt, A L 083474
Shibakusa, R 088274
Shibata, F 084599
Shibata, K 087276
Shibuya, S 087425
Shidei, T 085857
Shideler, R K 085117
Shields, J A 091527
Shiga, Y 087784
Shiga, Y 087785
Shiga, Y 091921
Shigaki, H 086131
Shigo, A L 089228
Shih, D S 089353
Shikata, S I 086989
Shim, C S 086241
Shimada, H 086789
Shimada, H 087498
Shimada, T 089281
Shimamoto, K 086150
Shimanuki, H 091171
Shimizu, R 082072
Shimizu, R 084606
Shimizu, R 085695
Shimokawa, E 085837
Shimomura, T 083722
Shina, K 092160
Shindala, A 092446
Shindy, W W 088078
Shingari, B K 084185
Shinjo, A 091673
Shinoda, H 086987
Shinoda, H 089348
Shioya, Y 084159
Shioya, Y 084533
Shipley, H 092157
Shipway, M R 088163
Shirahama, K 088789
Shirahama, K 090040
Shirai, K 091673
Shiraishi, N 086187
Shiraishi, Y 083570
Shirakawa, K 082457
Shirazi, B A 083978
Shiriaeva, G A 087738
Shirley, R L 084220
Shirley, R L 084234
Shirodkar, M V 085393
Shirotori, T 083570
Shivashankar, G 086863
Shkodrani, J 088591
Shkoller, L IA 085998
Shkvarnykov, P K 086940
Shkvarnykov, P K 086958
Shkvarnykov, P K 086959
Shkvarnykov, P K 086960
Shkvarnykov, P K 086962
Shmueli, M 092105
Shneider, R V 084696
Shoeib, A M 089883
Shoeib, A M 089886
Shoeib, A M 089952
Shoemaker, H E 091476
Shoemaker, P B 088829
Shoemaker, R L 087792
Shooji, C 085284
Shope, R E 090281
Shorey, H H 090781
Short, C C 087245
Short, C E 084997
Short, C E 085019
Short, D 090008
Short, D S 090011
Short, R E 084847
Shotton, S M 083394
Shotwell, O L 082681
Shotwell, O L 082687
Shotwell, O L 082714
Shotwell, O L 082715
Shotwell, O L 083544
Shoukrey, N M 090261
Shoukrey, N M 090979
Shoukry, A 090099
Shpakova, A M 085587
Shrader, W D 082249
Shreve, L W 088847
Shreve, L W 088848
Shri, S K 082562
Shrikhande, A J 088087
Shrimpton, D M 090108
Shrishrimal, W C 082268
Shrivastava, L S 087573
Shrivastava, R 083599
Shrivastava, R 091379
Shrivastava, S N 088412
Shropshire, W 087839
Shtrausberg, D V 088033
Shu, C K 083121
Shudo, S 086043
Shuey, W C 083546
Shuffett, D M 082602
Shukla, B M 082227
Shukla, D D 089430
Shukla, K P 084198
Shukla, P C 084543
Shukla, P C 084556
Shukla, P G 084547
Shukla, S S 092458
Shukla, T N 089090
Shukla, V N 089089
Shulgin, A T 087440
Shull, L R 084262
Shults, S 087374
Shulyndin, A F 083681
Shulz, W G 092121
Shumilov, K V 085444
Shunk, B 087373
Shurpalekar, S R 083783
Shurtleff, M C 089482
Shurtleff, M C 090009
Shushkov, D G 091192
Shutov, A D 087740
Shvarts, S S 086658
Sibbit, B 084832
Sichkar, V I 086962
Siddiqi, I 091842
Siddiqi, M A 089560
Sidel, J 083707
Sidhu, D S 082229
Sidor, E 084901
Sidorov, M A 085451
Sidorow, N G 091203
Sieck, R F 082684
Sieck, R F 084068
Siecka, J B 086856
Siecka, J B 088580
Siegel, A 087284
Siegel, A 087970
Siegel, O 082412
Siegel, O 082413
Siegel, O 082569
Siegemund, E 091390
Siera, L V 087753
Sierra Alfranca, I 083405
Sierra Alfranca, I 084781
Sievers, E 087176
Sievert, R C 089377
Siewniak, M 090112
Sifner, F 090869
Signorini, G C 085474
Sijacic, L 084715
Sikorowski, P P 090268
Silaev, A B 089284
Silberhumer, H 085062
Silcock, R G 087622
Sileo, L 084079
Sileo, L 085812
Siler, R 084971
Silhavy, V 090932
Silis, D IA 087173
Siljak, S 086702
Silva, C G 088972
Silva, F P W 088972
Silva, M 087488
Silva, R F 085503
Silva, S R 086726
Silvas, E 084911
Silverstein, A M 084294
Simantov, A 081932
Simensen, E 083985
Simha, K L 082408
Simic, J 082013
Siminonescu, C 086115
Simmons, G H 083404
Simon-Sylvestre, G 091814
Simon, B 085103
Simon, G 088883
Simon, J 085563
Simon, M 086722
Simon, M 087195
Simon, R 082339
Simon, R 083029
Simon, R D 087412
Simon, U 084483
Simonet, J M 087105
Simons, R G 087773
Simper, H 091323
Simpson, B 086317
Simpson, K 091915
Simpson, K L 087511
Simpson, K L 087512
Simpson, K N G 090255
Simpson, N 091252
Simpson, R B 085504
Sims, E T 082671
Sims, E T 083699
Sims, E T 088902
Sims, J J 087214
Sims, J J 087426
Sims, J J 089110
Sims, R J 083623
Sinclair, J 086885
Sinclair, J B 089239
Sinclair, J B 089320
Sinclair, J H 087082
Sinclair, J H 087804
Sinclair, K B 085301
Sinclair, R O 082307
Sinclair, W A 088261
Sinclair, W A 089186
Sind, P 088341
Sindelar, B W 092050
Sindelar, G E 082630
Sinden, J A 082056
Sinden, J A 092367
Singer, B 089423
Singer, W 088739
Singer, W 088742
Singh, A 088629
Singh, A K 088402
Singh, A K 088631
Singh, A N 088779
Singh, A P 088776
Singh, B 085366
Singh, B 085682
Singh, B 085683
Singh, B 089710
Singh, C P 091377
Singh, D 089302
Singh, D J C 086548
Singh, D J C 089600
Singh, D J C 089713
Singh, D V 086602
Singh, G 083522
Singh, G B 082806
Singh, G N 091442
Singh, H 082142
Singh, H 084199
Singh, H 085081
Singh, H 091339
Singh, H 091967
Singh, H D 083612
Singh, H V 082170
Singh, I 083205
Singh, I 086168
Singh, I B 088769
Singh, J 083321
Singh, J 083782
Singh, J 087818
Singh, J 091382
Singh, J P 089073
Singh, K 087128
Singh, K 089086
Singh, K 089710
Singh, K 089903
Singh, K 090340
Singh, K B 088410
Singh, K B 088492
Singh, K C 091862
Singh, K N 082225
Singh, K N 092209
Singh, K P 085684
Singh, L N 085347
Singh, L R 082244
Singh, M 087758
Singh, M 087775
Singh, M 088878
Singh, M 089709
Singh, M 091911
Singh, M P 091866
Singh, N P 085349
Singh, N P 085356
Singh, N P 086438
Singh, P 086821
Singh, P 090560
Singh, P N 088823
Singh, P P 091877
Singh, R 085081
Singh, R 086821
Singh, R 087779
Singh, R 089398
Singh, R A 087383
Singh, R N 084827
Singh, R N 087922
Singh, R N 088777
Singh, R P 088440
Singh, R P 091862
Singh, R S 083598
Singh, R S 083779
Singh, R V 084187
Singh, R V 088269
Singh, S 082241
Singh, S 083954
Singh, S 087517
Singh, S 087974
Singh, S 091854
Singh, S 091878
Singh, S B 082193
Singh, S B 082233
Singh, S B 082806
Singh, S B 088308
Singh, S M 086588
Singh, S M 086593
Singh, S M 086595
Singh, S N 084560
Singh, S N 088193
Singh, S P 085349
Singh, S P 086166
Singh, S P 086984
Singh, S S 086462
Singh, T P 088410
Singh, U 088182
Singh, U B 084203
Singh, U B 084554
Singh, U P 086832

Singh, U P 087183
Singh, U P 089290
Singh, V 086745
Singh, V 087357
Singleton, J A 083596
Sinha, A K 085297
Sinha, H S 084827
Sinha, R C 089412
Sinha, R N 082765
Sinha, S K 087061
Sinha, S K 087062
Sinha, U 087421
Sink, J D 083477
Sink, K C 087122
Sink, K C 088062
Sink, K C 088167
Sinnecker, H 090301
Sinnecker, R 090301
Sinues, B C 086055
Sipkes, K H 092028
Sipos, E 083537
Sirbulescu, V 082769
Sirbulescu, V 083288
Siriphant, C 091759
Sirko, V N 083588
Sirohi, A S 082244
Sirohi, G S 088989
Sirohi, S S 088780
Sirotkin, A N 087568
Sirry, I 083234
Sirry, I 083235
Sirry, I 083236
Sis, R F 085047
Siska, S 092300
Sistrunk, W A 086867
Sistrunk, W A 088587
Sitaram, M S 087728
Sitek, J M 091713
Sitek, J M 091715
Sitkei, G 091310
Siurob N, E 091364
Siuta, J 091709
Sivanappan, R K 091337
Sivanesan, A 086406
Sivaraman, B 082128
Sivaraman, B 082232
Sivaraman, G A 088373
Sivasubramanian, P 088376
Sivers, P van 090174
Sivers, P van 091053
Siwecka, M A 087643
Sjodin, J 088568
Skalka, J 083480
Skalka, J 084305
Skalski, B 091712
Skeie, A H 090438
Skene, D S 089473
Skinner, H H 085419
Skinner, S W 082571
Skinner, W A 087491
Skipper, H D 091739
Skirde, W 088617
Skjevdal, I 091954
Skjevdal, T 084628
Sklan, D 084261
Sklan, D 084853
Sklarz, B 088147
Skogerboe, G V 092279
Skolek, J 091661
Skoog, F 087662
Skou, J P 086444
Skountzos, K 083280
Skratt, T A 090660
Skrdleta, V 091730
Skripchenko, L K 083592
Skriver, K 091933
Skroch, W A 088829
Skubiszewski, B 084033
Skuhravy, V 090103
Skuhravy, V 090431
Skujins, J 091516
Skulmowski, J 083904
Skvortsova, M M 089835
Skwarko, B 085182
Slagsvold, P 084389
Slama, O 085899
Slate, G L 088728
Slater, J A 090957
Slater, J S 085067
Slavik, L 084458
Slavnic, Z 086702
Slawomirski, J 084303
Slaytor, M B 087576
Sledge, J M 089279
Slee, J 083246
Sleigh, R W 083504
Slipenchi, A 091416
Sljivovacki, K 084356
Sloan, C E 089908
Sloan, D R 084308
Sloane, L W 091930
Slope, D B 089253
Slowen, D D 082944
Slowen, D D 084535
Slowomirski, J 084304
Sluijs, C B van der 085529
Sluiters-Scholten, C M T 088229
Slump, P 083151
Sluyters, J A F M 081960
Small, E 085638
Smalley, E 088977
Smalley, H E 084563
Smallwood, J E 085047
Smedegard-Petersen, V 086446
Smedegard-Petersen, V 089055
Smedegard-Petersen, V 089058
Smeian, N I 091703
Smidt, D 084361
Smidt, D 084808
Smidt, D 084963
Smidt, D 084979
Smirnov, A M 091189
Smirnow, L 088574
Smit, C J B 088086
Smit, F G A M 090903
Smith, A E 087223
Smith, A E 089674
Smith, A U 091263
Smith, B N 088321
Smith, B S W 084092
Smith, C F 087095
Smith, C F 089138
Smith, C V 081946
Smith, C W 086433
Smith, D F 084591
Smith, D F 085391
Smith, D F 087676
Smith, D F 089611
Smith, D H 083774
Smith, D H 089106
Smith, D H 089190
Smith, D K 091368
Smith, D L 087483
Smith, D L 087632
Smith, D R 086899
Smith, D R 089144
Smith, D R 089415
Smith, D R 089691
Smith, D W 091517
Smith, E 091075
Smith, E C 087822
Smith, E C 087896
Smith, F D 089970
Smith, F F 090658
Smith, F H 089463
Smith, F H 089464
Smith, F M 086653
Smith, G A 086893
Smith, G C 083455
Smith, G C 083472
Smith, H 087368
Smith, H 088140
Smith, H A 089154
Smith, J E 084755
Smith, J E 085169
Smith, J N 083717
Smith, J R 086979
Smith, J R 086980
Smith, J W 084226
Smith, K L 084231
Smith, M 091963
Smith, M B 083504
Smith, M L 082714
Smith, M L 083544
Smith, M M 087824
Smith, M V 090652
Smith, N L 089621
Smith, N R 088722
Smith, N R 088953
Smith, O E 087995
Smith, O E 088162
Smith, R 088079
Smith, R H 084105
Smith, R L 090534
Smith, S H 089397
Smith, T J 088498
Smith, W E 082712
Smith, W E 090313
Smith, W E 090327
Smith, W K 087463
Smithers, C N 090952
Smock, R M 083823
Smolic-Krkovic, N 082016
Smolyaninov, V V 090665
Smrcek, Z 084360
Smrz, J 089258
Smrz, J 089403
Smrz, J 089946
Smukalski, M 088332
Smyk, B 087199
Smyser, C F 085274
Smyth, M 090467
Smyth, M 090898
Snapir, N 084896
Snary, D 084140
Sneed, R E 088829
Snejd, J 088547
Snieder, D 090059
Snieder, D 090751
Sniffen, C J 085793
Sniffen, C J 089831
Snipes, M B 084242
Snoeyenbos, G H 085274
Snow, D H 084070
Snow, J W 089916
Snoy, M 088545
Snoy, M L 089528
Snyder, J H 082211
Snyder, J H 092092
Sobel, A T 091949
Sobey, W R 090255
Sobkowska, E 083654
Socha, R 090707
Socha, T E 084580
Sode, J 089132
Sodek, J 087325
Soderberg, S 082935
Sodergren, A 090366
Sodergren, A 092415
Soderquist, M R 092443
Soderstrom, E L 090193
Sodja, I 085194
Soeder, C J 083224
Soet, F de 081959
Soet, F de 092395
Sofrenovic, D 084343
Sohi, B S 090077
Sohi, H S 089072
Sohma, K 086607
Soifer, F K 085009
Sojka, W J 085508
Sokic, B 082754
Sokic, B 090328
Sokoloff, S 087436
Sokolov, I A 091698
Sokolovskii, S P 092236
Solarova, J 087984
Solberg, O 082778
Solberg, O 082779
Solberg, O 083112
Solberg, O 083113
Solc, V 082310
Soldatov, V I 091190
Soldevilla, A D 082098
Soliman, A A 090235
Soliman, A S 089975
Soliman, F A 084966
Soliman, M H 090771
Soliman, M H 090772
Soliman, M K 084020
Soliman, S 089876
Soliman, Z R 090787
Soliman, Z R 090813
Soliman, Z R 090817
Soliman, Z R 091035
Solomko, IE A 086948
Solomon, A M 087239
Solomon, G B 085329
Solomon, I B 091574
Solomon, I B 091848
Solomon, M E 090654
Solomon, S 086712
Solomon, S E 084106
Solov'ev, V P 089283
Solski, A 092339
Som, R 083521
Som, R 084671
Somers, D 086388
Somers, M G 086645
Sommer, A 084668
Sommer, N F 088987
Somnitz, M 085237
Somogyvari, G 083271
Sondergaard, E 084729
Sondrio, G 084396
Sonenberg, M 084170
Sonenshein, G E 086870
Soni, B K 084187
Soni, B K 084191
Soni, B K 084550
Soni, B K 084551
Soni, B K 087405
Sonnet, P E 090196
Soo Hoo, C F 090642
Sood, A R 087356
Sood, S 087308
Sood, S 087630
Soost, R K 083715
Soper, D 089753
Soper, R S 090138
Sopon, N 091414
Sorensen, F C 086070
Sorensen, H 088151
Sorensen, K A 088828
Sorensen, K A 088829
Sorensen, K A 090056
Sorensen, N O 083338
Sorensen, N S 083286
Sorenson, J C 087794
Sorge, P 088658
Soribe, F I 087764
Soribe, F I 091268
Sorm, F 090230
Sorm, F 090519
Soroka, T 084685
Sorum, O 089489
Sotelo, J R 090516
Sottini, E 084405
Soulages, C A 084438
Soule, R P 084408
Soulsby, E J L 085329
Sousa, A F de 082218
Sousa, A F de 088620
Southcott, B A 082711
Southwell, I A 087479
Sova, Z 084452
Sova, Z 084453
Sova, Z 084454
Sova, Z 084455
Sova, Z 084457
Sova, Z 084458
Sovrani, A 081947
Sozzi, T 083333
Spaak, D 082536
Spaes, A G 084157
Spahn, G J 085241
Spaho, S 092086
Spahr, S L 084235
Spaic, M 085549
Spain, A V 088272
Spain, A V 091642
Spain, A V 091643
Spalatin, J 085272
Spalding, B P 088302
Spaldon, E 087651
Spangler, G W 085386
Spangler, P J 090478
Spanik, F 081886
Spaozhnikov, K E 087748
Sparks, M R 090657
Sparling, J H 086644
Spasic, I 082761
Spasov, M 092148
Spata, J 083615
Specht, A W 087888
Specht, A W 091751
Spedding, C R W 084012
Speelziek, J J 091212
Speer, E O 086585
Speer, E O 089268
Speer, V C 084569
Speer, V C 084834
Speers, G M 084521
Spellman, D L 086514
Spence, J B 085326
Spencer, J V 082823
Spencer, J V 083517
Sperling, H 085522
Sperow, C B 088542
Spettoli, P 083751
Speyer, H 091844
Spicer, L R 085319
Spielman, A 090706
Spiers, J M 087220
Spies, P H 082037
Spiess, E B 090451
Spieth, K 085722
Spike, P W 084236
Spindler, F 085779
Spino, D F 083880
Spiranec, M 085977
Spis, L 085550
Spitler, G H 090179
Spitzer, H 082049
Spitzer, H 088618
Splinter, W E 091473
Splisteser, H 085215
Splittstoesser, S A 088139
Splittstoesser, W E 088139
Spodniewska, I 086616
Spomer, R G 082249
Spooner, R L 084771
Spradbrow, P B 085258
Sprossler, B 083641
Spurgeon, K R 083277
Spurna, M 085599
Spychala, K 083450
Spyrka, M 084743
Squatrito, D 087426
Squatrito, D 089110
Squibb, R L 084222
Sram, E 086063
Sree Rangasamy, S R S 087732
Sreedharan, C 088314
Sreenivasan, A 083137
Sreenivasan, A 083148
Sreenivasan, A 083692
Sreenivasan, N K 091865
Sreeramulu, C 087665
Sreitferdt, U 085417
Sridhar, R 089037
Sridhar, T S 089072
Srikar, L N 083139
Srinivasachar, D 086915
Srinivasan, K S 082955
Srinivasan, M 082359
Srinivasan, M R 083278
Srivastata, B P 090272
Srivastava, A K 088041
Srivastava, A S 087598
Srivastava, A S 089271
Srivastava, G 088778
Srivastava, G P 083093
Srivastava, K D 089093
Srivastava, O P 088193
Srivastava, P S 086831
Srivastava, R P 088191
Srivastava, R S 087555
Srivastava, S C 082615
Srivastava, T N 089086
Srot, R 092041
St. John, L E 084201
St. John, L E 085688
St. John, L E 090343
Staba, E J 087443
Staba, E J 087444
Staba, E J 087448
Stacey, B E 087517
Stachurka, R 083898
Stadhouders, J 082862
Stadhouders, J 083364
Stadler, E 091467
Stadler, J D 088649
Stafford, A E 082921
Stafford, A E 083725
Stafford, W L 090231
Stafford, W L 090525
Stage, A R 085985
Stagno d'Alcontres, G 087388
Stahl, G L 083865
Stahli, H R 082181
Stahli, H R 088912
Stahly, T S 084565
Stake, P E 084587
Stakheev, I V 083771
Stalbaum, L 082401
Stalbaum, L 083281
Stallings, E P 085719
Stamatovic, S M 084336
Stamatovic, S M 084343
Stambaugh, C W 092005
Stamberg, J 086929
Standley, P C 086441
Standley, P C 086442
Stanek, W 091551
Stanescu, S 091423
Stang, E J 088841
Stang, E J 091449
Stanimirovic, D 082946
Stankovic, D 083745
Stankovic, M 084397
Stankovic, M 084746
Stanley, D W 083319
Stanley, J M 090031
Stanonis, D J 083673
Stanton, H C 084321
Starek, E 086045
Stark, R 087999
Stark, R 088049
Stark, R 091548
Stark, R J 084132
Starosolszky, O 091366
Starosolszky, O 091370
Starosolszky, O 092142
Stary, P 089978
Stary, P 090080
Stasiniewicz, T 084691
Stasinska, B 083654
Staszak, D J 090522
Staszak, D J 090524
Staszewski, Z 087866
Statler, G D 089150
Statler, G D 089218
Staub, A 090081
Staude, M 088235
Staudt, G 087170
Stavrianopoulos, J G 084293
Stebbins, R L 088863
Steberia, P 086676
Stec, J 082849
Stec, J 090357
Steche, W 091215
Steck, W 087446
Steck, W 087478

Steele, J E 090679
Steele, R W 090502
Steelink, C 086252
Steelman, S L 085726
Steenackers, V 086078
Steenkamp, D J 087282
Stefanescu, E 085128
Stefanovits, P 091481
Stefanson, R C 091985
Steffan, A W 090170
Steffan, W A 090762
Stegemann, H 087385
Steglich, W 087528
Stegmann, F 091332
Stegnar, P 087352
Stegwee, D 088229
Stehle, G 091111
Stehle, G 091112
Stehle, G 091116
Steikhardt, H 088390
Steinbach, G 085234
Steinbach, G 085235
Steinberg, E A 085225
Steinberg, M P 083615
Steinberg, M P 083788
Steineck, H 088603
Steiner, A A 087434
Steiner, A A 091934
Steinhauser, A 092314
Steinhauser, H 084703
Steinhubel, G 088281
Steinmann, H 090873
Steinwender, R 084513
Stejgwillo-laudanska, B 090408
Stekol'shchikov, M G 091187
Stellmacher, W 085055
Stellmacher, W 085056
Stellmacher, W 085237
Stellmacher, W 085238
Stelter, H 089539
Stelzner, A 085235
Stenswick, L 082592
Stenswick, L E 082384
Stepanov, E V 088242
Stepanova, N I 085439
Stepanova, N I 085453
Stephen, W P 090651
Stephen, W P 090734
Stephen, W P 090735
Stephens, C A 082461
Stephens, C A 082988
Stephenson, G R 089748
Steppler, H 086649
Steppler, H 087719
Stepshin, V P 090822
Sterba, H 086030
Sterk, V 084356
Sterland, F K 092195
Stermitz, F R 087481
Stermitz, F R 087497
Stern, H 086767
Stern, H 086768
Stern, H 086770
Stern, H 086771
Stern, H 086968
Stern, H 088069
Sternberg, S 090243
Sternkopf, G 083824
Stettler, R F 086864
Stevens, D L 087714
Stevens, J B 092232
Stevens, R J 087858
Stevenson, J H 082386
Stevenson, J H 091105
Stevenson, K R 087723
Stevenson, R G 085664
Stewart, D 086743
Stewart, D K R 082669
Stewart. D K R 089761
Stewart, J 086351
Stice, N W 088595
Sticher, H 091615
Stickles, L 085007
Stickles, L 085613
Stiefel, L 082266
Stiell, W M 085901
Stiell, W M 086015
Stijve, T 083179
Stiles, M E 082724
Stiles, M E 083407
Stilinovic, S 085996
Still, C C 087683
Still, G W 090033
Stipes, R J 089194
Stipic, C 085544
Stitt, T R 081901
Stobo, I J F 083394
Stock, H G 091500
Stockinger, F 086682
Stockinger, K 092037
Stodola, F H 087524
Stoebbe, E 085288
Stoffelsma, J 083127
Stoffolano, J G 090237
Stohr, W 086132
Stoian, G 082264
Stojanovic, R 085162
Stojanovic, S 084722
Stojanovich, C J 090999
Stokes, J B 089921
Stoklasa, J 090513
Stolen, O 086916
Stoll, K 088205
Stoll, N R 089782
Stoller, E W 087175
Stoltz, J M 086965
Stoltzfus, V 082006
Stolz, K H 085822
Stolze, R G 086278
Stone, B A 087824
Stone, I G 086475
Stone, J D 089912
Stone, J E 086233
Stone, L R 091648
Stone, S S 085375
Stopel, R 088661
Stopel, R 091349
Storer, R 087617
Storey, B T 084794
Storey, J B 091963
Storey, R 087469
Storey, W B 086390
Storherr, R W 082682
Storry, J E 084584
Storz, J 085204
Stosic, S 082753
Stotazky, G 091510
Stott, G H 084232
Stott, K G 088118
Stotter, H 083684
Stotter, P L 087215
Stouffer, R F 089397
Stout, T T 082867
Stoyanov, S M 088213
Stoyanov, S M 089571
Strack, L 086711
Stradal, M 084452
Stradal, M 084453
Stradal, M 084454
Stradal, M 084455
Stradal, M 084456
Strafuss, A C 085213
Strafuss, A C 085634
Strahilov, E 092146
Straka, J 085174
Strambi, A 090436
Strambi, C 090436
Strand, E 089531
Stratten, P M 086238
Stratu, S I 088908
Strauch, D 084009
Strausbauch, P H 084165
Strauss, G 087473
Strauss, M S 087930
Strebeyko, P 087314
Strebeyko, P 087319
Strecker, O 082352
Strecker, O 082427
Strecker, O 082555
Strecker, O 083165
Stredansky, J 092074
Streichhan, I 090479
Streitberg, H 087951
Strelka, F 086045
Strelkova-Krasnohorska, A 086840
Strider, D L 088681
Stridh, B 084749
Stridh, B 084933
Stringer, A 090376
Stringer, C E 090253
Stringer, D A 083900
Stringer, M H L 086429
Stringer, M H L 086637
Stringer, P W 086429
Stringer, P W 086637
Stringfellow, A C 083548
Strnad, P 088504
Strobel, D R 082375
Strobel, G A 089157
Strobl, G 084703
Strogonov, B P 088029
Stroh, J R 088460
Strohal, P 087435
Strom, A A 092368
Strooker, E 091396
Stroosnyder, L 091589
Strout, R G 085330
Strout, V 090637
Strumpei, H 090940
Strumpel, H 090971
Strunc, M 084452
Strunc, M 084454
Strunc, M 084455
Struxness, E G 092375
Strzelczyk, E 091713
Strzelczyk, E 091715
Strzelecki, P 086227
Strzetelski, J 084691
Strzezek, J 084288
Strzybny, X 082347
Stubbe, C 086084
Stubblefield, R D 082681
Stubblefield, R D 082687
Stubbs, A E 090910
Studemann, O 092081
Studer, R 091466
Studnicki, W 085114
Stumbo, C R 083146
Stumpf, P K 087960
Stupazzoni, G 090307
Sturani, E 087285
Sturkie, P D 084323
Stusak, J M 090866
Stutte, C A 087671
Styles, E D 087797
Styles, E D 087798
Styles, W G 083312
Stys, Z 089029
Su, K L 087443
Su, K L 087444
Su, K L 087448
Suarez, A M P 087526
Suarez, E 087618
Subbiah, S 091851
Subikova, V 089335
Subrahmanyam, C 087611
Subrahmayam, N C 086886
Subramaniam, S 088773
Subramaniam, T R 089933
Subramanian, A 089933
Subramanian, C V 086742
Subramanian, G 085359
Subramanian, S R 088448
Subramanian, S S 087358
Subramanyam, K 088455
Subramanyan, V S 081962
Subramanyan, V S 082151
Subramanyan, V S 082152
Succi, G 084978
Suchanek, A 089292
Suchanek, B 084384
Sud, R K 091967
Sud, S C 084187
Sud, S C 084193
Sud, S C 089800
Sud, V K 089087
Sud'eva, N G 083116
Suda, M 090704
Suda, Y 088558
Suderman, D 082322
Sudiono, Y 085926
Sudo, K I 086177
Sue, K 085837
Sueoka, N 090632
Suffet, I H 089672
Suffet, I H 090341
Suganuma, T 084082
Suganuma, T 084083
Sugawara, H 089116
Sugawara, H 089117
Sugawara, H 091652
Suggs, C W 088525
Suggs, C W 091473
Suggs, C W 091474
Sugie, A 087614
Sugimoto, M 092336
Sugimoto, M 092337
Sugimoto, T 089118
Sugimoto, T 089119
Suginobu, K I 086991
Sugiura, M 087281
Sugiyama, H 082878
Sugiyama, H 091176
Sugiyama, T 087686
Sugoniaev, E S 090611
Sugoniaev, E S 090615
Suguna, S G 090844
Suitor, A E 084760
Sukumaran, K M 091794
Sula, L 085599
Sulaiman, V S 082358
Sulaimanov, E S 087212
Sule, S 089159
Sulea, I 091426
Sulit, J I 083197
Sulit, J I 084665
Sullia, S B 087401
Sullia, S B 091631
Sullivan, G H 082198
Sullivan, G H 082238
Sullivan, G H 083703
Sullivan, G H 088581
Sullivan, W L 082684
Sullivan, W L 084068
Sulova, J 085599
Sulser, H 083175
Sultanbawa, U S 087346
Sumarna, K 085926
Sumizawa, K 086187
Summerfield, R J 091691
Summers, J D 084108
Summers, J D 084472
Summers, J D 085312
Sundaram, N 088376
Sundaramurthy, T S 091150
Sundararajan, L 081934
Sundaresan, N 088376
Sundbeck, D M 085506
Sundman, V 091508
Supekar, P G 085337
Supekar, P G 085486
Supperer, R 085591
Suranyi, D 087297
Suryanarayana, V 092125
Susmel, L 085842
Susmel, L 086678
Susnik, F 084013
Sussenbach, D 091856
Susuki, M 083722
Sutaria, M H 088309
Sutcliffe, A 088697
Sutcliffe, A 088711
Sutherland, O R W 090696
Sutoh, H 084419
Sutoh, H 084420
Sutter, A 087975
Suttle, P J 089915
Sutton, B C 086404
Sutton, D L 086760
Sutton, D L 089660
Sutton, R F 085828
Suyama, M 085837
Suzuki, A 084278
Suzuki, D T 090529
Suzuki, D T 090535
Suzuki, E 082704
Suzuki, F 082078
Suzuki, H 083564
Suzuki, H 084082
Suzuki, H 086152
Suzuki, H 089120
Suzuki, K 089112
Suzuki, M 082737
Suzuki, M 090325
Suzuki, N 088793
Suzuki, O 087783
Suzuki, S 084607
Suzuki, S 086996
Suzuki, S 090860
Suzuki, T 084082
Suzuki, T 085412
Suzuki, T 086036
Suzuki, T 088267
Suzuki, T 088273
Suzuki, T 089374
Suzuki, Y 087816
Suzuki, Y 091201
Svajgr, A J 084564
Svalov, S N 085991
Svampa, G 089803
Sveice, A 088278
Svelan, J 084963
Svensson, S 086249
Sveshnikov, V G 090666
Svihra, J 087648
Sviklis, P B 091361
Svorcova, L 092288
Svrcek, M 086290
Swaans, H 089416
Swackhamer, A B 090306
Swader, F N 091735
Swailem, S M 089836
Swailem, S M 089837
Swailem, S M 090159
Swailem, S M 090792
Swailem, S M 090793
Swailem, S M 090795
Swaminathan, K R 091337
Swaminathan, M S 081933
Swaminathan, M S 081975
Swaminathan, M S 082614
Swaminathan, M S 088457
Swaminathan, M S 088824
Swamy, P M 083527
Swamy, P M 087224
Swamy, R V 091372
Swanson, E S 087713
Swanson, E S 089455
Swantz, A 082476
Swardt, G H de 088179
Swarup, V 088776
Swatditat, A 083557
Swatland, H J 084207
Sweeny, J G 087576
Sweet, R D 090343
Swietochowski, B 089718
Swift, J G 088224
Swift, J R 083076
Swift, M J 087309
Swinburne, T R 089001
Swindell, R E 086983
Swinton, D C 087471
Swislocki, N I 084170
Swoboda, R 085322
Swoboda, R 085324
Sydorova, K K 086944
Sydow, E von 082963
Sykes, F 083874
Sykes, F 083935
Sylvan-Johnson, M 082421
Sylvester, E S 089385
Symon, K 092387
Symonds, H W 084801
Symons, R H 089420
Syrbu, I G 088203
Syrek, S 086224
Syrowatka, T 089773
Sysoev, A A 085588
Szabo, A 083273
Szabo, J 085786
Szabo, J B 090874
Szabo, L 084642
Szabo, L 091283
Szabo, T I 090652
Szabo, T I 091071
Szabo, T I 091074
Szado, J 083483
Szajko, I 087196
Szajko, L 083330
Szajko, L 085413
Szalai, G 091353
Szalay, A 087259
Szalay, A 087263
Szaniszlo, P J 087413
Szarkowski, J W 087643
Szczesniak, A S 083153
Szczesniak, A S 083154
Szego, S 083561
Szekely, S 087690
Szelenyi, G 090875
Szember, A 091716
Szember, A 091717
Szemenkei, K 087921
Szentese, A 090064
Szep, H 083628
Szigyarto, Z 092260
Szijarto, L 083319
Sziklai, O 086823
Szilagyi, J 082723
Szilagyi, L 091366
Szilagyi, M 091748
Szilli, M 083567
Szirmai, J 089363
Szodfridt, I 091838
Szontagh, P 086020
Szuba, Z 084287
Szukiel, E 089474
Szydlowska, K 088475
Szyfres, B 085493
Szymanski, W 087874
Szynkiewicz, Z M 085484
Taber, W A 087340
Tabuchi, T 092188
Tabuchi, T 092225
Tackie, A N 087442
Tada, M 084611
Tadic, L M 091318
Tadic, L M 091319
Taffs, L F 085298
Tafro, A 084357
Tafro, A 086090
Tag-El-Din, A 088983
Tag-El-Din, A 089593
Tagawa, M 086334
Tagieva, O A 086777
Tagieva, O A 086778
Taguchi, M 082300
Taguchi, T 086149
Taha, M W 087928
Taha, M W 087929
Taha, S M 091777
Taha, S M 091778
Taha, S M 091779
Taha, S M 091785
Taha, S M 091786
Tahara, S 083543
Tahirovic, N 084960
Tahn, S M 091780
Tahoon, M K 083237
Tahori, A S 090640
Tai, H M 084473
Taikin, M I 091200
Taimla, E A 087747
Taimr, L 089979

Taimr, L 090432
Taji, K 083862
Tajima, K 089517
Tajima, M 084418
Tajino, N 091362
Takabatake, E 083570
Takada, H 087456
Takagi, K 085938
Takagi, M 092336
Takagi, M 092337
Takagi, S 088429
Takagi, Y 089366
Takahashi, E 087269
Takahashi, F 083328
Takahashi, H 082701
Takahashi, H 086152
Takahashi, I 082195
Takahashi, J 089124
Takahashi, M 084082
Takahashi, M 085284
Takahashi, M 086999
Takahashi, M 087002
Takahashi, M 087003
Takahashi, M 088025
Takahashi, M 089165
Takahashi, M 089366
Takahashi, R 087810
Takahashi, T 082703
Takahashi, T 083046
Takahashi, T 086876
Takahashi, T 086877
Takahashi, T 086878
Takahashi, T 087614
Takai, M 091385
Takanashi, H 087681
Takase, G 085907
Takashima, M 089063
Takashima, O 088096
Takasu, K 088837
Takaya, N 086149
Takaya, S 089264
Takechi, O 086654
Takechi, O 088024
Takeda, K 086936
Takeda, K 087749
Takeda, M 082735
Takeda, T 085284
Takeda, T 087001
Takehara, S 082199
Takemura, T 087608
Takenaka, H 091684
Takenaka, H 092046
Takenaka, K 088555
Takeo, T 083160
Takeo, T 083161
Takeo, T 083162
Takeshita, K 085932
Takeshita, M 086350
Taketa, F 084127
Takeuchi, I 085934
Takeuchi, K 089123
Takeuchi, K 091165
Takeuchi, S 084333
Takeuchi, S 084334
Takeuchi, S 084761
Takeuchi, S 085797
Takeuchi, S 085798
Takigawa, T 082048
Takyi, S K 088400
Talantsev, N K 085878
Talantsev, N K 086622
Talapatra, B 087536
Talapatra, S K 087536
Talawar, S N 082436
Talawar, S N 086861
Talbot, P 085395
Talbott, J E 088842
Talentoni, G 090046
Talentoni, G 091936
Talerico, R L 090660
Taliabekov, Z 084538
Talibudeen, O 091623
Talipov, K 084538
Talley, F B 083789
Taloumis, G 088641
Taloumis, G 088642
Talwar, Y P 087582
Tamai, T 081978
Tamaki, T 082067
Tamakoshi, K 086150
Tamesue, S 082580
Tamhan, S S 084828
Tampi, A M 081906
Tamura, S 083159
Tan, G Y 086900
Tanabe, H 082735
Tanabe, H 082739
Tanabe, H 087786
Tanabe, K 092162
Tanabe, S 084608
Tanabe, Y 083927
Tanaka, A 088312
Tanaka, F S 089716
Tanaka, H 082702
Tanaka, K 084606
Tanaka, K 084609
Tanaka, K 086994
Tanaka, K 090517
Tanaka, N 088788
Tanaka, R 082741
Tanaka, R 086119
Tanaka, T 083951
Tanaka, T 086789
Tanaka, T 087498
Tanaka, Y 082741
Tanaka, Z 088433
Tanaka, Z 089117
Tanaka, Z 091652
Tanasescu, C 091422
Tanchev, S 083117
Tandler, C J 086811
Tandler, C J 086812
Tandler, K 083426
Tandon, S P 087598
Tandon, S P 089271
Taneja, G C 084861
Tanev, G 084340
Tani, T 089123
Tanifuji, T 084280
Taniguchi, T 085216
Taniguchi, T 089374
Tankersley, E L 092169
Tanksley, T D 085090
Tanner, H 082877
Tannert, W 090483
Tannous, R I 082922
Tannous, R I 083730
Tantini, L 091249
Tantivatana, P 087505
Tantravahi, R V 087011
Tantravahi, R V 087015
Tanudimadja, K 084045
Tanyolac, A 084050
Tao, K L 088171
Tapil'skii, I 084010
Taponeco, G 082876
Tappel, A L 084603
Tarbaev, T T 092363
Targul'ian, V O 091698
Tarocco, C 085515
Tarpo, E 087505
Tarr, G E 085401
Tarrant, P J V 082674
Tarshis, I B 090829
Tartour, G 085799
Tarutani, T 083805
Tarzali, A 084429
Tasaki, I 083860
Tasaki, I 084237
Tasaki, I 084421
Tasaki, I 084599
Tasaki, I 085091
Tashiro, H 089776
Tasnady, Gy 089350
Tassi-Micco, C 083500
Tataru, V 083102
Tateo, F 083835
Tattar, T A 089207
Taub, F B 086640
Taubaev, T T 088957
Tauber, C A 090708
Tauber, M J 090708
Tauber, O E 090664
Taubold, R 083602
Tauchmann, F 082732
Tauchmann, F 083430
Taurins, J 085936
Tavares, F C A 087150
Tavares, F C A 089324
Tawfik, M F S 089880
Tawfik, M F S 089881
Tawfik, M F S 089951
Tawfik, M F S 090789
Tawfik, M F S 090794
Tawfik, M F S 090796
Tawfik, M F S 090797
Tay, T H 091939
Tay, T H 091940
Taylor, A N 084263
Taylor, B 081925
Taylor, D R 087482
Taylor, D R 087617
Taylor, H L 087345
Taylor, J 087515
Taylor, J C 082793
Taylor, L R 091026
Taylor, M P 088176
Taylor, P S 082623
Taylor, P S 092404
Taylor, R W 090920
Taylor, W C 087247
Taylor, W C 087248
Taylorson, R B 087547
Tazawa, T 087680
Tchibozo, H M 089938
Tchotchkov, B 092120
Tchotchkov, B 092166
Teague, H S 085689
Teasdale, B 083129
Tebrugge, F 091406
Tedders, W L 090029
Teetes, G L 089917
Tegethoff, A C 089209
Teichmann, H 092196
Teissier, J 091488
Tejkumar, S 089851
Telczer, K 092179
Telfer, W H 090592
Telfer, W H 090593
Telfer, W H 090655
Temmerman, N de 085180
Templer, O W 092273
Templin, E 090162
Tena Andreu, S de 084065
Tena Andreu, S de 084066
Tener, G M 090476
Tener, G M 090501
Tener, G M 090535
Tennant, B 085737
Tenney, M W 092454
Teo, C 087997
Terada, T 084532
Terada, T 088404
Terakawa, H 086482
Terakawa, H 086798
Terashita, T 089111
Terazawa, S 086182
Terazawa, S 086268
Terekhova, K T 088548
Teren, J 083731
Terentiev, Y A 083664
Terentiev, Y A 083665
Tereshkov, F G 085112
Terkamp, H 091944
Ternouth, J H 084104
Ternouth, J H 085063
Terplan, G 083419
Terre, J 091023
Terry, C A 087227
Terry, E R 089231
Terry, N 087840
Terts, I 088807
Terts, I 091654
Terui, M 089063
Terui, M 089265
Teruya, T 090085
Tesar, S 085896
Tesarova, J 084458
Tessier-Yandell, J 088970
Tessler, J 085314
Tessler, J 085316
Teste, J 087523
Testi, B 085806
Testi, B 090302
Tetzlaff, L 083493
Teubert, A 091858
Teuchmann, J K 085483
Teuscher, H 086710
Tewari, G N 088627
Tewari, H C 085571
Thaer, R 092394
Thai, V C 091708
Thakre, S K 087666
Thakur, D S 082409
Thakur, M R 088190
Thakur, S 088014
Thakur, S B 089040
Thalheim, C 084289
Thamburaj, S 088624
Thamburaj, S 088626
Thamburaj, S 091869
Thassitis, B 082472
Thatcher, W W 084854
Thate, R 089156
Thatte, V R 084197
Theis, G A 084036
Thekdi, R J 082807
Theodorescu, M 090512
Theron, J G 090955
Thibault, D H 086014
Thibault, D H 086428
Thibault, P 087687
Thiel, C C 083961
Thiel, C C 083962
Thiel, C C 085389
Thiele, H 083687
Thiemann, G 083911
Thiess, D E 088114
Thimijan, R W 090252
Thimm, H 084433
Thimm, H 088330
Thimm, H J 091275
Thirumalachar, M J 086589
Thirumalachar, M J 086590
Thirumalachar, M J 086597
Thirumalachar, M J 089276
Thiruvan, S 085827
Thode, F W 088903
Thomas, C A 089463
Thomas, C A 090718
Thomas, C H 084581
Thomas, D 090678
Thomas, D 090716
Thomas, D L 087712
Thomas, D W 087491
Thomas, E 089527
Thomas, G H 082699
Thomas, G L 088720
Thomas, H L 089240
Thomas, H L 091964
Thomas, J A 087463
Thomas, J B 087277
Thomas, J P 087475
Thomas, M 091495
Thomas, M C 082794
Thomas, M J 089849
Thomas, T D 083354
Thomas, W A 092371
Thomas, W C 082461
Thomas, W C 082988
Thomas, W L 088760
Thomasius, H 092431
Thomasson, R R 088696
Thomasson, R R 088730
Thommes, R C 084247
Thommes, R C 084248
Thompson, A D 087335
Thompson, A K 083732
Thompson, A R 085947
Thompson, D A 085293
Thompson, D E 085399
Thompson, E H 088088
Thompson, Gerald L 088304
Thompson, H E 090155
Thompson, J H 089207
Thompson, K D 085604
Thompson, L 087898
Thompson, L 089726
Thompson, L H 084677
Thompson, P D 084226
Thompson, R G 087329
Thompson, R G 087335
Thompson, T W 089652
Thompson, W H 085647
Thomson, A J 088419
Thomson, A P 085863
Thomson, A P 092057
Thomson, R 088757
Thomson, R D 088704
Thomson, R H 087480
Thomson, W W 087713
Thomson, W W 089455
Thorand, B 082857
Thorand, B 090362
Thorbecke, G J 084036
Thorbecke, G J 085318
Thorburn, T 090304
Thoren, S 087616
Thornburg, W 087284
Thornburg, W 087970
Thorne, S N 083106
Thornhill, A R 090571
Thornton, I W B 091017
Thornton, J E 085507
Thorsson, S 084328
Thorud, D B 092084
Thoss, G 083181
Thottappilly, G 089412
Thrasher, R D 091913
Threlkeld, S F H 086965
Throm, G 087985
Thum, J 091492
Thurm, V 082857
Thurm, V 082858
Thurm, V 082859
Thurm, V 090362
Thurm, V 090363
Thurm, V 090364
Thurston, H D 086856
Thurston, H D 088580
Thurston, R 089969
Thurtell, G W 087723
Thwaites, C J 084208
Thygesen, T 089931
Thygesen, T 089965
Tiba, I 082145
Tiba, I 088803
Tiberghien, G 090472
Tiedje, J M 091544
Tiemann, O R 088643
Tien, H Ti 087473
Tietjen, W H 089226
Tiews, J 084364
Tigchelaar, E C 086859
Tigner, T C 090167
Tikhonov, S A 091703
Tikkanen, T 086579
Tikriti, S 090383
Tilak, S T 086601
Tilak, S T 086604
Till, A R 084224
Till, A R 091918
Tilley, H 091322
Tillmann, A D 084567
Tilsher, W G 088764
Tilson, H 089775
Tilton, E W 089896
Tilton, E W 090194
Tilton, E W 090200
Tilton, E W 090203
Tilton, E W 090204
Tilton, E W 091271
Timbie, D 089514
Timerbaev, V N 084254
Timm, H 087931
Timm, H 088579
Timmins, P 087557
Timmis, J N 086885
Timmis, J N 086932
Ting, I P 088160
Ting, Y C 087060
Tingari, M D 084210
Tinius, I 083362
Tinker, D O 084116
Tinker, P B 087470
Tinker, P B 087552
Tinnin, R O 087620
Tinsley, W A 082248
Tinsley, W A 083967
Tipton, V J 090911
Tirrell, R 088725
Tirziu, D 086061
Tissut, M 087490
Tiurmenko, A N 091702
Tiutikov, F M 085589
Tiwari, D P 086472
Tiwari, K N 091866
Tixier, P 087291
Tizard, I R 085376
Tizzini, C T 086401
To, S 083211
Toakle, S H 086954
Tobe, H 086606
Tocher, R 085849
Toda, M J 090575
Todd, G W 087843
Todd, J W 089898
Todd, R L 086638
Todd, R L 091506
Todesco, R 083334
Toepfer, A 092405
Toetz, D W 087393
Togashi, I 091001
Togashi, I 091005
Tognoni, F 088060
Tognoni, F 091247
Tohami, A M 089867
Tohami, M 089865
Tohami, M 091569
Tokhri, P M 088959
Tokhtamuratov, E 089284
Tokii, Y 082835
Tokita, K 085284
Tokiyoshi, S 085411
Tokmanoglu, T 085917
Tokoro, S 089331
Tokumaru, M 082834
Tokumaru, M 083520
Tol, A 085948
Tolkmitt, G 084368
Tolkun, S 085053
Toloi, G 091418
Tolstoshev, P 084121
Tolwinska, M 087812
Toma, D 091424
Toma, I 082282
Tomar, N K 088028
Tomar, N K 091868
Tomar, S S 084675
Tomasek, M 091728
Tomaskovic, A 085172
Tomaszewska, B 089826
Tomaszewska, B 091204
Tomaszewski, K 082443
Tominaga, T 089328
Tomita, B 088285
Tomita, T 087899
Tomiyama, N 091384
Tomlinson, F R 082039
Tomokuni, M 090937
Tompkins, D R 088063
Tomulescu, F 085961
Tonaki, K I 083741
Tonkinson, L V 084835
Tonnies, G 092311

Tonomura, H 087464
Tontis, A 085725
Toor, H S 091380
Topel, D G 084216
Topfer, J 091333
Topfer, S 091333
Toplak, J 084398
Toplak, J 088316
Torgowski, J 084682
Toriyama, K 086987
Toriyama, K 089348
Torline, P 083839
Torm, U 082611
Torok, Sz 083406
Torokfalvy, E 088226
Torres, E 088288
Torssell, B W R 087778
Tortuero, F 084447
Torzhinskaia, L R 083593
Toscano, N C 090258
Tosh, G C 089599
Tosh, G C 089670
Tosovic, S 082009
Tosovic, S 092248
Toth, J 086057
Toth, K 092344
Totterdell, C J 086304
Totusek, R 084219
Touflet, P 090444
Tourneur, B J 089294
Tournon, G 091354
Tournon, G 092110
Toussaint Raven, E 085704
Toussaint Raven, E 085709
Towers, G H N 088141
Townley-Smith, T F 088355
Townsend, A M 089185
Townshend, J L 089457
Toyao, T 087431
Toyomasu, T 083656
Toyoshima, K 085581
Trabue, I M 083154
Traciuc, E 090854
Trafford, B D 091367
Trafford, B D 092139
Trahan, G B 089920
Traistaru, F 088451
Traistaru, F 089693
Trandafir, S 088451
Trandafir, S 089693
Trandafir, S 091415
Traub, R 090912
Traub, R 090913
Travis, H F 092403
Trefny, D 084453
Trefny, D 084455
Trefny, D 084457
Trefny, D 084458
Treger, F 084173
Tregunna, E B 087707
Treiblmayer, K 090851
Trenbath, B R 087776
Trenkle, A 084412
Trentin, J J 085377
Treppenhauer, H J 084309
Treppenhauer, H J 085126
Trepte, H H 090600
Treshow, M 086743
Tressl, R 083772
Tret'iakova, I N 088259
Trevethick, J 087305
Trevethick, J 087306
Trevisan, V 081910
Triantaphyllidis, C D 090674
Triapitsyn, V A 090612
Triapitsyn, V A 090613
Tribble, L F 082799
Tribble, L F 083461
Tribe, G W 085532
Trichet, J 091478
Trieff, N M 092432
Trierweiler, J F 087814
Trifonov, I 092146
Trimbo, H B 083545
Trinci, A P J 086715
Triola, P de la 084478
Tripathi, B R 087757
Tripathi, R K 089078
Tripathi, R S 086792
Tripathi, R S 088196
Tripathy, D N 085265
Tripathy, D N 085269
Trivedi, B M 083660
Trivedi, B S 086752
Trivedi, C P 088381
Troelsen, J E 087716
Trofimov, V A 088541
Trofimova, O S 087750
Trogisch, W 091885
Troll, J 087242
Trolldenier, G 091545
Troller, J A 082824
Trost, P 089061
Trotter, E J 085012
Troughton, A 087773
Trout, J R 084222
Trout, J R 085784
Trout, J R 089151
Troutman, E C 082105
Truex, P 088715
Truong, B 091486
Truong, B 091487
Truong, L 084662
Trusczynski, M 085482
Trusiakowa, L 082416
Tryhnew, L J 082823
Tryhnew, L J 083517
Trzecki, S 091725
Tsai, C M 087844
Tsankova, L 092148
Tsanov, S Z 092134
Tsao, G T 083216
Tscharner, H 088914
Tschesche, R 087509
Tschiderer, K 084528
Tschinkel, W R 090695
Tschogowadse, K 083172
Tsen, C C 083557
Tsenov, E I 088029
Tsubahara, H 085218
Tsuchiya, H 084159
Tsuchiya, H 084533
Tsuchiya, T 085650
Tsuchiya, T 085651
Tsuda, T 084276
Tsuda, T 084277
Tsuji, G Y 091601
Tsujimoto, Y 087464
Tsukihashi, T 088562
Tsukishima, N 083618
Tsukishima, N 088432
Tsumuki, H 089936
Tsumuki, H 090753
Tsuneoka, M 086043
Tsurkan, I G 089402
Tsurumachi, M 089930
Tsurumachi, M 090730
Tsurushima, H 088554
Tsurushima, H 091791
Tsuruta, M 082701
Tsuruta, M 082702
Tsuruta, M 082703
Tsutsumi F, V 086822
Tsutsumi, T 086671
Tsuyuki, T 087614
Tsuzaki, M 086190
TSuzimoto, K 086043
Tu, C M 090315
Tubbs, C H 086026
Tuck, J 082434
Tucker, J H 092460
Tucovic, A 085996
Tucovic, A 085997
Tuddenham, A 084302
Tujita, A 091836
Tukhtaeva, G M 088982
Tulaganov, A 083010
Tulloch, A P 082792
Tulloch, A P 083132
Tunkl, B 085553
Tunks, D A 084073
Tunks, F E 082728
Tunnock, S 090145
Tunny, J 091746
Tunny, J 091984
Turala, K 086700
Turchetti, P 081909
Turchi, A 088783
Turcon, G 087711
Turek, F 084525
Turgunov, M 090884
Turian, G 086866
Turker, Y 089615
Turkov, V D 086829
Turkulov, J 082759
Turman, J W 090671
Turner, B L 086507
Turner, B L 086520
Turner, B L 086709
Turner, B L 088293
Turner, D W 088218
Turner, D W 088219
Turner, G J 089014
Turner, J W 084882
Turner, J W 091103
Turner, R D 085860
Turro, E 083537
Tursunov, U 087910
Turton, J A 085569
Turton, J A 085597
Turusev, V G 086162
Turvey, A 085374
Tuschke, E 082565
Tutevich, M T 089563
Tutevich, M T 089833
Tuya, O H 082043
Tveitnes, S 091834
Tverdokhleb, G V 083297
Tverskoi, G B 084172
Twardock, A R 084801
Tweari, M N 087260
Tweddle, N E 085647
Tweedy, B G 088152
Tweedy, B G 090378
Tyagi, R P S 084829
Tyagi, R P S 085058
Tyagi, R P S 085080
Tychsen, K 088019
Tyrfors, L 082304
Tyrrell, D 090138
Tyson, H 086930
Tyszkiewicz, I 083449
Tyszkiewicz, S 083447
Tyszkiewicz, S 083451
Tzoglin, L N 087377
Tzonev, I 092140
Tzonev, I 092166
Ubertini, B 085767
Ubrizsy, G 088980
Ubrizsy, G 089682
Uchida, K 087816
Uchinuno, Y 085411
Uda, H 091315
Udagawa, S I 086466
Udagawa, S I 086480
Udagawa, S I 086481
Udagawa, S I 091678
Udovicic, B 082753
Udvardy, J 087913
Uebersax, P 082972
Uebersax, P 083627
Uehling, R 088328
Ueki, R 086433
Ueltschi, G 085725
Uematsu, H 090055
Uemura, S 086270
Uemura, S 092007
Uenara, G 091601
Ueno, K 083858
Ueno, K 085938
Ueno, K 091231
Ueno, K 091232
Ueno, S 082734
Ugodina, T S 091772
Ugolina, F C 091752
Ugolini, F 092383
Ugolini, G 083929
Ugorski, L 085715
Ugrekhelidze, D S 088208
Uhlemann, H 090656
Uhlen, G 092411
Uhmann, F 084289
Uijttenboogaart, T G 082731
Ujevic, I 089293
Ujiie, T 090084
Ukai, Y 086993
Ukraintseva, V T 088549
Ulasevich, P S 085444
Ulich, W 092350
Ullah, H 083657
Ulrich, A 087840
Ulsen, F W Van 085792
Ulsen, F W Van 085796
Ulubelen, A 087533
Ulutas, M 085220
Umanah, E E 086858
Umbarov, Sh 087653
Umbrecht, H 086164
Underdal, B 082668
Underdal, B 083496
Underwood, J G 087893
Ungar, H 085663
Ungaro, R 087386
Unger, J L 092127
Unverfahr, H J 083090
Unverfahr, H J 091137
Unverfahr, H J 091143
Unz, R F 092450
Upadhyaya, R B 084557
Upchurch, M L 082010
Upchurch, W 083995
Upitis, E 090199
Uppal, R P 084553
Upton, M 088975
Uraki, S 081964
Urakov, S 090885
Ural, I 089994
Urano, M 088025
Urbanczyk, J 084693
Uribe, A 083194
Urner, D 082452
Ushakova, N A 087450
Ushimi, C 085242
Usmanova, A Z 089577
Usui, H 088433
Uthe, J F 092321
Uyemoto, J K 089382
Uyeshiro, R Y 083703
Vacek, J 083914
Vachnadze, E A 088297
Vaclavik, J 087693
Vadehra, D V 082829
Vadehra, D V 083518
Vagi, F 082235
Vago, C 089381
Vago, C 090421
Vagt, W 091957
Vaidehi, B K 089080
Vaidyanathan, C S 087417
Vaiman, M 084024
Vaintraub, I A 087740
Vaishnav, M R 091338
Vajdic, T 092249
Valasek, F 084743
Valaye, G 082168
Valcic, V 085997
Vale, H 091289
Valente, A 082574
Valla, G 087193
Valle, F R del 082809
Vallejos, R H 088040
Vallen, J 085948
Vallentin, K 083131
Vallis, I 091982
Vamos, K 082923
Vamos, L 083219
Vamosne, V L 083272
Van Aacken, K 092348
Van Auken, O W 084295
Van Auken, O W 088111
Van de Vrie, M 090019
Van den Berg, M A 090115
Van den Berg, M A 090552
Van den Berg, M M 090115
Van den Berg, M M 090552
Van den Ende, A 092163
Van Der Merwe, B K 082313
Van Der monde, F 082393
Van der Wel, H 087366
Van Devender, T R 086355
Van Dyke, V J 081956
Van Dyne, G M 086653
Van Eeden, F J 082314
Van Gorkom, M 087366
Van Herrewege, C 090454
Van Hook, A 083110
Van Hook, R I 090693
Van Keuren, R W 088479
Van Pelt, R W 085747
Van Pletzen, R 091029
Van Soest, P J 083864
Van Someren, V G L 090914
Van Valkenburg, W 089586
Van-Petersen, O 091989
Vanbercie, R 088318
Vance, C P 089196
Vance, R D 084573
Vandamme, E J 087389
Vandegraft, E E 082714
Vandegraft, E E 083544
Vandepopuliere, J M 084307
Vander Noot, G W 084222
Vandercook, C E 082790
Vanderveken, J 089368
Vanderveken, J 089940
Vanderzant, C 082820
Vandevelde, R 091598
VanEtten, H D 088149
Vang-Petersen, O 088647
Vanhaelen, M 087553
Vanichkina, S I 092263
Vanjkovic, S 085976
Vanlandingham, C L 081940
Vanni, P 087328
Varadarajan, S 088448
Varade, S B 087855
Varadin, M 084959
Varbev, B 092159
Vardell, H H 090351
Varenika, O 083491
Varga, G Y 091351
Varga, I 082130
Varga, J 092261
Vargas, O L 083291
Varghese, M M 082869
Varhelyi, I 085910
Vari, A K 088182
Varlev, I 091261
Varma, B K 089504
Varma, M G R 091028
Varma, R N 084601
Varnagy, L 085424
Varsanyi, Z 083625
Varshney, A K 087501
Varshney, I P 087356
Varshney, S C 087559
Vartapetian, B B 087742
Vartic, M 084912
Vasantha, M S 082805
Vasigov, T 088956
Vasigov, T 092363
Vasil, I K 087458
Vasil, I K 087969
Vasil'eva, S G 092000
Vaskinn, J A 085953
Vaskovsky, P 082085
Vasquez, L L 083842
Vasterling, J 083258
Vasthoff, J 082285
Vaucher, C 090457
Vaughan, E K 089163
Vaughan, J T 085739
Vavich, M G 084264
Vavrinecz, G 083562
Vazquez-Calcerrada, P B 082005
Vecchi, E 086112
Vedder, P J C 088602
Vedder, P J C 088606
Veek, M H 083777
Veen, P J 085470
Veen, W A G 084726
Veenhuizen, E L 084835
Veerabbadraiah, V 081970
Veerakyathiah, V D 081973
Veerasamy, S 088015
Veeraswamy, R 087010
Veeresh, G K 089036
Veevers, J E 082007
Vega, O D 082851
Vega, O D 090359
Vegad, J L 085782
Vegetti, G 089401
Veiga, J S 082463
Velasquez, G T 086502
Velayutham, B 089933
Velde, H J ter 090059
Velde, H J ter 090751
Veldeman, R 086078
Veldemann, I R 089266
Velichko, A A 091626
Velichko, A A 091628
Velickovic, G 084397
Velickovic, G 084723
Vellaichamy, K 087946
Vellaichamy, K 088106
Vello, N A 087140
Vello, N A 087145
Vello, N A 087869
Velly, J 091485
Venator, C R 086087
Vencovsky, R 087134
Vencovsky, R 087140
Vencovsky, R 087143
Vencovsky, R 087144
Venge, O 084806
Venger, A 082609
Venkatappiah, B 082585
Venkatappiah, B 091264
Venkataraman, S 092201
Venkataramanan, C R 091669
Venkataratnam, L 081974
Venkataratnam, L 092219
Venkatesh, K V L 083783
Venkateswarlu, B 088989
Venturini, A 084297
Venugopal, K 088621
Venugopalan, S 082097
Verba, V V 092363
Verderevskaja, T D 089334
Veres, A 086676
Veres, A 086683
Veres, A 088865
Veres, I 084876
Veress, B 084285
Veress, L 084818
Verges, J B 082523
Verges, J B 084773
Verhoeve, J 088835
Verhoyen, M 089367
Verma, A 091911
Verma, J P 084827
Verma, K C 085352
Verma, K C 085365
Verma, R S 087051
Verma, R S 087052
Verma, S K 084827
Verma, S K 084829
Verma, S M 086976
Veronesi, G 089490
Veronesi, G 091356
Verplancke, H 091600
Verrett, M J 082693
Verschuer, Freiherr von 082353
Verstraete, A P 085097

Vertrees, J D 088571
Verwer, M A J 085706
Vescia, N 083370
Vesely, E 090460
Vesely, Z 084724
Vesey-Fitzgerald, D F 085904
Vesey-Fitzgerald, D F 086651
Vesk, M 086725
Vesonder, R F 087524
Vessal, M 088157
Vestergaard, J 085884
Vetsch, U 083762
Vetter, R L 084412
Veum, T L 084578
Veum, T L 084579
Vevai, E J 082231
Vevai, E J 090324
Vey, M A 090421
Vez, A 088501
Veznik, Z 085175
Vialli, D M 087204
Vickery, V R 090929
Vidal Aponte, G 088343
Vidal Aponte, G 091813
Videv, K 083117
Vidyasagar, K 082803
Viedma, M G de 090970
Vieillefon, J 091478
Vieira, F C 082530
Viette, P 090160
Viette, P 091038
Vigneron, J 092026
Vigoroux, A 089295
Vijay, O P 088773
Vijaya, N 087945
Vijendra Das, L D 087732
Vikeland, N 092049
Viktorin, A 090063
Vilagines, R 085180
Viljoen, J H 090215
Village, P J 086937
Villanueva, E P 086213
Villanueva, E P 086215
Villemez, C L 087963
Villeneuve, D C 082699
Villeneuve, G O 086056
Villwock, I 091805
Vimal, O P 091784
Vincent-Falquet, J C 084161
Vincenzini, M T 087328
Vine, J F 090336
Viner, A B 087589
Vinogradova, E B 089794
Vinogradova, E B 089795
Vinogradova, E B 089797
Vinogradova, E B 089798
Vinogradova, E B 090608
Vinogradova, E B 090609
Vinogradova, E B 090617
Vinogradova, E B 090618
Vinuesa, J I C G de 088999
Viola, P 082970
Vis, F R 091950
Vis, F R 092410
Visacki, V 082755
Visacki, V 090329
Visaria, P 082136
Visinski, A 082016
Visnovsky, J 082086
Vissac, B 084812
Viswanatha, S R 086863
Viswanathan, G 091563
Viswanathan, N 087613
Visweswariah, K 089823
Viton, A 082663
Viton, A 083685
Vitovec, J 085743
Vittal, B P R 086742
Vivar, A R de 087577
Vlachos, E C 092279
Vladasel, R 091423
Vlaheli, I 086062
Vlcek, F 088592
Vlcek, F 088593
Vobey, R W 089724
Vodovar, N 084021
Vodret, A 083750
Voets, J P 087389
Voevoda, I N 085881
Voevoda, I N 086340
Vogel, F 091884
Vogel, G 088659
Vogel, G 092107
Vogen, L K 087107
Vogl, R J 086652
Voglmayr, J K 084091
Voglmayr, J K 084100
Vogt, C 091441
Vogt, P K 085583
Vogt, S 083070
Vohora, S B 088175
Voigt, J 084060
Voinea, V 085959
Voisey, P W 083679
Voisey, P W 083799
Vojnits, A 090877
Vojnits, A 090878
Volcani, R 084585
Volcani, R 084853
Volf, M 088936
Volin, R B 089189
Volkova, G A 090615
Volkova, G A 090616
Volkovskii, G D 091189
Vollenweider, J 091220
Vollrath, P 082153
Volodin, V H 087751
Voloscuk, I 085841
Voloskov, P A 085107
Volz, K R 086155
Von Rudloff, E 088293
Von Salis, G 090117
Vornkahl, G 090479
Voronkov, N A 092237
Vorstenbosch, C J A H V van 085754
Vorwerck, K 083640
Vorwohl, G 083015
Vorwohl, G 091096
Vos, L de 083793
Vosa, C C 087133
Vosa, C G 084141
Vosa, C G 086754
Voskens, J 092433
Voss, E 083329
Vratny, P 084456
Vrbrnska, A 084453
Vries, H W de 085705
Vuckovic, M 085544
Vujanic, N 082179
Vujanic, N 088506
Vujanovic, N L 084037
Vujic, B 085159
Vujic, B 090287
Vujicic, I F 082855
Vujicic, I F 083341
Vukicevic, Z 085547
Vukolov, A G 089834
Vukotic, M D 084986
Vuorela, I 086319
Vurdelja, D 085549
Vuylsteke, R 088859
Vyas, K 082955
Vyas, O P 088027
Vyas, S C 089078
Vyas, S P 087267
Vyas, S P 087684
Vyhnalek, J 085557
Wachholz, D E 084848
Wada, N 088431
Wadano, A 087433
Waddington, C H 090588
Waddington, J 088358
Wade, C P 083671
Wade, E K 089223
Wade, L J 089919
Wade, P 085084
Wadso, I 091513
Wadsworth, J I 083675
Waerstad, K R 091913
Wafa, A K 090800
Wafa, A K 090803
Wafa, A K 090805
Wafa, A K 091123
Wafa, A K 091226
Wagenaar, S 087820
Wagenbach, H 084947
Wagenbach, H 092068
Wagenstaller, G 083396
Wagner, G 087177
Wagner, J F 084835
Wagner, K H 082924
Wagner, K H 082926
Wagner, M 083890
Wagner, M 091404
Wagner, W C 084839
Wahlberg, I 087428
Wahlberg, I 087487
Wahlin, B 089483
Wahlstrom, R C 084565
Wahlstrom, R C 084848
Wahrman, J 087370
Waid, J S 086639
Waid, J S 091505
Wajda, S 082785
Wakabayashi, M 086332
Wakabayashi, M 086333
Wakabayashi, M 086704
Wakao, Y 084082
Wakid, A M 090099
Wald, N 083776
Walden, D B 087053
Waldern, D E 084803
Waldrip, B T 088996
Waldschmidt, M 085921
Walker, C R 089659
Walker, D A 087950
Walker, D M 084641
Walker, E F 085691
Walker, E K 083679
Walker, G L 084410
Walker, H J 088521
Walker, I O 087342
Walker, J B 091029
Walker, J T 087165
Walker, M A 082996
Walker, P J 087908
Walker, R W 081895
Walker, W D 082879
Walker, W D 085133
Walkof, C 088601
Wall, B R 085986
Wall, M E 087345
Wallace, A 087323
Wallace, A 087861
Wallace, R R 090322
Wallace, R R 092342
Waller, G R 087626
Waller, J A 081914
Wallergraber, H 085890
Wallin, J R 089511
Wallner, W 090358
Walmsley, M E 091556
Waloszczyk, K 088325
Walp, T R 082447
Walradt, J P 083121
Walsh, E J 086884
Walsh, G E 089614
Walsh, J A 091267
Walsh, P J 087956
Walsh, T 091608
Walstad, J D 090119
Walter, V 088937
Walters, L E 084850
Walters, P J 090010
Walton, D C 088164
Walton, D C 088180
Walton, P D 086921
Walton, P D 086922
Walton, P D 088384
Walton, P D 088385
Walz, O P 084484
Wamugunda, B G 085844
Wamugunda, B G 088480
Wandeck, F 082782
Wandeck, F A 083289
Wandeck, F A 083292
Wander, J F 091276
Wandesforde-Smith, G 092096
Wang, A Y I 086721
Wang, B S P 086012
Wang, C 091557
Wang, C Y 089496
Wang, E L 089452
Wang, M C 087418
Wang, S Y 086185
Wang, S Y 087933
Wani, D D 086597
Wani, D D 089276
Wani, M C 087345
Wanless, I R 087330
Wapakala, W W 091833
Warakomska, Z 087572
Warboys, I B 092071
Warchalewski, J 083654
Warchol, P 084893
Ward, G W 091070
Wardale, D A 090070
Warder, F G 089456
Warder, F G 089557
Wardowski, W F 083743
Wardowski, W F 089495
Wareing, P F 087564
Warembourg, F L 091522
Warncke, K 090865
Warncke, K 090900
Warner, J M 087482
Warner, J M 087617
Warner, K A 083613
Warner, R W 092448
Waronski, S 086229
Warren, D P 082470
Warren, D P 083998
Warren, F G 082301
Warren, G 091744
Warren, J E 084795
Warren, L O 090968
Warren, T B 089192
Washio, O 086987
Washio, O 089348
Washuttl, J 083911
Wasniak, J 087257
Wassenhove, F van 091590
Wasserman, R H 084263
Wasshausen, D C 086513
Wasshausen, D C 086517
Wassmuth, R 082216
Watabe, N 091165
Watanabe, A 082834
Watanabe, A 083520
Watanabe, H 082502
Watanabe, H 087007
Watanabe, I 090356
Watanabe, I 091653
Watanabe, J 087926
Watanabe, K 083519
Watanabe, K 085906
Watanabe, K 085907
Watanabe, K 086130
Watanabe, K 091177
Watanabe, M 087507
Watanabe, S 084532
Watanabe, S 088404
Watanabe, S 090388
Watanabe, T 082737
Watanabe, T 082889
Watanabe, T 083558
Watanabe, T 088214
Watanabe, T 090325
Watanabe, T 090387
Watanabe, T 090398
Watanabe, Y 086998
Watanuma, K 084608
Watering, C C Van De 085705
Waterson, H A 088678
Waterson, H A 089750
Watkins, H 088589
Watkins, J E 089150
Watkins, J E 089218
Watson , D L 084077
Watson, D L 084076
Watson, D P 088674
Watson, D P 088676
Watson, E R 091875
Watson, F 082338
Watson, G M 086102
Watson, J A L 089972
Watson, T J 086709
Watson, T J 086828
Watt, E E 086983
Wattiaux, J M 090598
Watts, C 084111
Watts, J O 082692
Watts, R 084229
Watts, R R 082682
Watts, V M 088586
Watz, B 082116
Watzke, G 088329
Wawryn, T 091209
Way, W A 092001
Wayman, O 084529
Wcislo, H 086833
Weatherell, J 086034
Weatherell, J 092035
Weathers, L G 089418
Weaver, D J 090029
Weaver, M L 087931
Weaver, M L 088579
Webb, B K 082671
Webb, B K 083699
Webb, B K 091452
Webb, E S 091471
Webb, H R 082390
Webb, J C 090031
Webb, M 089530
Webber, L R 091649
Webber, L R 091920
Weber, A 086800
Weber, D F 087058
Weber, D F 087059
Weber, F 084925
Weber, R 083392
Weber, V 081942
Weber, V 083088
Weber, V 091146
Weber, W A 086415
Webster, E G 088064
Webster, J M 089783
Webster, R K 089062
Wedekind, P 091856
Wedemeyer, W G 082308
Wee, Y C 088816
Wee, Y C 091940
Weed, S B 092428
Weeda, E J 086675
Weert, R van der 085980
Weert, R van der 091756
Weetman, C F 085819
Wegener, K H 083018
Weglarska, R 090933
Weglenska, T 086616
Wegner, T N 084232
Wegner, W 085142
Wehowsky, G 084289
Wehunt, E J 090029
Wehunt, E J 090062
Wei, L S 083615
Wei, L S 083788
Weidemann, J F 082815
Weidemann, J F 083469
Weidhaas, D E 090253
Weidner, H 090177
Weidner, H 090973
Weigelet, O 085521
Weigt, U 085325
Weiler, T C 088054
Weiler, T C 088055
Weimarck, G 086874
Weinbaum, F 084036
Weinberger, M A 082010
Weiner, J 086097
Weiner, J 092305
Weinstein, Y 084165
Weintraub, M 086737
Weintraub, M 089338
Weinzierl, H 092316
Weipers, W L 085065
Weires, R W 090053
Weise, F 083888
Weiser, C J 087998
Weisleder, D 087524
Weiss, A 091619
Weiss, G M 084216
Weiss, J J 084311
Weiss, K 091080
Weiss, K 091128
Weissen, F 091644
Weissenberg, H 083265
Weissenfels, M 089332
Weisser, C F 090918
Weisslitz, G 082546
Weitze, K F 085078
Wejnar, R 083818
Welch, N C 087995
Weldt, E 087488
Welento, J 084303
Welento, J 084304
Welford, P J 089013
Welker, W V 088830
Weller, L A 082908
Wellman, A C 082174
Wellmann, E 087971
Wells, B 086748
Wells, G N 088173
Wells, H D 089241
Wells, J C 088828
Wells, J C 089204
Wells, J M 083846
Wells, J M 089282
Wells, J R E 084121
Wells, P W 085069
Wells, R C 083896
Wells, R C 084649
Wellstead, P D 085098
Welsh, J R 086883
Welsh, J R 087715
Welten, M 086629
Welty, R E 083124
Welty, R E 089107
Weltzien, H C 089174
Wendelberger, H 085975
Wender, S H 087822
Wender, S H 087896
Wendlandt, R 082105
Wendt, C W 092063
Wendt, C W 092064
Wendt, C W 092065
Wendt, C W 092066
Wendt, C W 092067
Wendt, E 084385
Wenham, G 084206
Wenham, L M 083460
Wenham, L M 083470
Wenkert, E 087216
Wenkert, E 088151
Wensing, T 085707
Wentink, G H 085754
Wentworth, J W 092102
Werner, K 084616
Weseloh, R M 090111
Wesselinoff, G 085877
Wesselinoff, G 090837
Wessels, J G H 087423
West, A S 090322
West, A S 092342
West, G 084789
West, J 083476
West, J 084561
West, J 086787
West, J L 085268
West, J L 085387
West, K R 086490
Westbye, O 085603
Westcott, C 090023
Westendorp, J F 085469

Westerman, J M 090558
Westermann, D T 091739
Westfall, P W 091963
Westgarth, D R 083962
Westgarth, D R 085389
Weston, G D 088126
Weston, R R 085382
Westwood, M N 088863
Weswig, P H 084800
Wetscher, M 090404
Wetselaar, R 091826
Wettemann, R P 084928
Wettergren, C J 086245
Wettstein, R 090516
Wetzel, H 090292
Weyer, F 090846
Weyh, H 083038
Weyrick, R R 092272
Whalen, R H 087041
Whalen, R H 087043
Whalley, P E S 090921
Whanger, P D 084800
Wharton, C S 082982
Wheaton, R Z 091357
Wheeler, C M 084311
Wheeler, E N 091895
Wheeler, G C 090965
Wheeler, G W 086663
Wheeler, J 090965
Whelan, T 087837
Whitaker, J O 090232
White, B N 090476
White, B N 090501
White, B N 090535
White, C H 082802
White, E R 089105
White, I G 084091
White, J D 088009
White, J G H 088469
White, J M 082143
White, J M 082247
White, J M 083965
White, J M 083966
White, R 089897
White, R E 088864
White, R E 091965
White, R H 082694
White, R H 083402
White, R P 091817
White, T C R 089820
White, W C 091874
Whitefeld, P R 087541
Whitehead, C C 084467
Whitehead, J E 085757
Whitehead, V B 090079
Whiteker, M D 084785
Whiteman, G D 082388
Whiteman, J V 084219
Whiteoak, R J 089824
Whiteoak, R J 090371
Whiteside, J O 089206
Whiting, G C 083763
Whitlock, R 083492
Whitney, A S 089700
Whitney, E W 089648
Whittick, W 085004
Whyte, R O 088518
Wiant, H V 085946
Wibberley, G P 091301
Wiberg, A 089056
Wick, C M 089062
Wicke, H J 087668
Wicke, H J 091801
Wicker, E F 086803
Wicker, E F 089179
Widdowson, F V 087585
Widdowson, F V 091979
Widmoser, P 092136
Widstrom, N W 086986
Widstrom, N W 089926
Wiebe, G 082251
Wiebe, G 089521
Wiegand, C L 087623
Wiegmann, F H 082255
Wiegmann, F H 088442
Wien, R G 089716
Wiener, G 084768
Wiener, G 084953
Wientjens, W H J M 089891
Wientjens, W H J M 090557
Wiercinski, J 083904
Wierzchos, E 084034
Wiese, I H 090382
Wiese, K 089488
Wiesenhutter, E 085594
Wieser, W 088112
Wieser, W 090748
Wigginton, M J 088185
Wijeratne, W V S 084930
Wijeratne, W V S 085640
Wijk, A J P van 087111
Wijk, A van 091395
Wijn, J F de 083001
Wiktorsson, H 083972
Wiland, C 084682
Wilcox, C J 084854
Wilcox, D B 090957
Wilcox, D G 087904
Wilcox, G E 082198
Wilcox, G E 082238
Wilcox, G E 088581
Wilcox, J R 089203
Wilcoxson, R D 089240
Wilcoxson, R D 089315
Wilcoxson, R D 091964
Wildbrett, G 083384
Wildung, D K 087998
Wiles, A B 089308
Wilhelm, F 088585
Wilhelmi, A E 084169
Wilken, D F 082563
Wilkening, E A 082004
Wilkes, R S 091307
Wilkins, R A 092124
Wilkins, R J 085409
Wilkinson, B G 083718
Wilkinson, B G 083729
Wilkinson, B G 088011
Wilkinson, B G 089465
Wilkinson, J 084392
Wilkinson, J D 090027
Wilkinson, R E 089197
Wilkinson, R E 089545
Wilkinson, R S 090572
Willardson, L S 091260
Wille, K H 084316
Willems, C M 084830
Willetts, H J 088994
Willford, W A 083020
Williams, C 089467
Williams, C J 084803
Williams, D L 081898
Williams, D L 084258
Williams, E E 084572
Williams, G R 087962
Williams, H R 092144
Williams, I H 090899
Williams, I H 091169
Williams, J E 084080
Williams, J E 085060
Williams, J M 089062
Williams, K B 086716
Williams, L H 090152
Williams, L O 086441
Williams, L O 086442
Williams, L O 086443
Williams, L O 086516
Williams, L O 086521
Williams, L O 086522
Williams, L O 086544
Williams, M W 088119
Williams, M W 088862
Williams, N D 086911
Williams, N E 090759
Williams, P 089811
Williams, R B 084802
Williams, R C 083122
Williams, R D 082795
Williams, R J B 089253
Williams, R J B 091733
Williams, R R 088117
Williams, R R 088118
Williams, R T 085388
Williams, R T 090244
Williams, W A 083872
Williamson, C E 089155
Williamson, J H 090536
Williamson, J H 090740
Williamson, P 090369
Willien, P 090891
Willigen, A H A 083907
Willinger, H 083911
Willis, K H 090360
Willis, W H 091656
Willoughby, L G 087307
Willows, D 091328
Willows, D 091329
Willson, H M 092005
Wilmer, J B M 092419
Wilmore, R M 092386
Wilmut, I 084352
Wilson, B C 086069
Wilson, B F 088244
Wilson, B J 083797
Wilson, C 089559
Wilson, C M 086868
Wilson, D B 084251
Wilson, D G 084216
Wilson, E O 090447
Wilson, G 086250
Wilson, G I 085342
Wilson, G L 085046
Wilson, G P 085028
Wilson, G P 085029
Wilson, G P 085030
Wilson, G P 085627
Wilson, J F 089044
Wilson, L 082608
Wilson, L 084881
Wilson, R F 090968
Wilson, R L 090252
Wilson, R L 090659
Wiltshire, G H 087777
Wiltshire, G H 091917
Wimber, D E 086970
Wimber, D E 090629
Winbush, J 082693
Winch, F E 085859
Winchell, K S 084491
Winchester, B 084790
Windemann, H 083180
Windler, B K 086519
Windler, D R 086519
Wing, R M 087214
Wing, R M 087426
Wing, R M 089110
Wingfield, W E 085768
Wingo, C W 090248
Winn, R A 091102
Winningham, R M 084594
Winterfield, R W 085270
Winterfield, R W 085271
Winterhalter, M 085152
Winther, P 083676
Winther, P 084701
Winton, L 086099
Wintruff, H 091238
Winzler, M 088386
Wippermann, H J 086234
Wirotama, I P G 083382
Wirotama, I P G 083383
Wirth, A 088913
Wirth, F 083422
Wirth, F 083425
Wirths, W 082930
Wiseman, B R 086986
Wiseman, B R 089898
Wiseman, B R 089911
Wiseman, B R 089926
Wiseman, B R 090015
Wiseman, B R 090566
Wiseman, B R 091883
Wiseman, E F 083532
Wiseman, E F 088334
Wiskich, J T 088158
Wisniewski, J 085475
Wisniewski, J 085476
Wisniowski, J 084916
Wisniowski, J 085480
Wistinghausen, C von 088445
Wit, W de 082528
Witczak, F 084681
Witczak, F 085129
Witherell, P C 091158
Witkamp, M 091512
Witkowska, H 083448
Witkowski, Z 090409
Wittenburg, H 084059
Wittmann, O 086341
Wittmann, O 088951
Wittmann, O 088952
Wittmann, O 091067
Witwicka, K 083452
Wlodarska-Czarnocka, A 084878
Wodicka, V O 082743
Wodicka, V O 082831
Wodicka, V O 083150
Wodzicki, T J 086723
Woelffer, E A 085079
Woerner, E 092408
Woernle, H 085518
Wohler, W H 084716
Wohler, W H 085752
Wohlken, E 082350
Wohlpart, A 088133
Woidich, H 083724
Wojahn, E 083885
Wojciak, M 084687
Wojciechowski, Z A 087489
Wolf, A de 089619
Wolf, C H 086198
Wolf, D 091376
Wolf, H 084029
Wolf, I D 088088
Wolf, P R 092277
Wolf, R 083185
Wolfe, F H 083514
Wolfe, F H 083515
Wolfenbarger, D A 089962
Wolff, A 085745
Wolff, P 092253
Wolff, R L 081901
Wolffram, R 082093
Wollgiehn, R 087259
Wollgiehn, R 087263
Wolski, L 091284
Wolstenholme, B N 088648
Wolszczak, J 084680
Womer, R W 085646
Wong-Chong, G M 092403
Wong, Y I 083118
Wongsiri, T 091007
Woo, A K T 091017
Woo, J Y 086803
Woo, J Y 089179
Wood-Gush, D G M 083932
Wood, A A 086127
Wood, D 088612
Wood, D W 084353
Wood, D W 084719
Wood, F 092143
Wood, F A 091557
Wood, G M 088931
Wood, R O 086239
Woodams, E E 083800
Woodbine, M 083395
Woodcock, C L F 086819
Woodcock, C L F 086820
Woodham, D W 090342
Woodhead, S H 088037
Woodle, D E 085384
Woodrow, G H 092005
Woodruff, R I 090655
Woods, W 084568
Woods, W G 089673
Woodward, D O 087221
Woody, M C 084908
Woolcock, J B 085255
Woolen, B H 087891
Wooley, R E 085277
Woolhouse, H W 087341
Word, O M 088572
Worf, G L 088976
Worf, G L 088977
Worf, G L 089432
Workman, M 083697
Worley, J F 087986
Wormell, P 082107
Worms, C G M de 090908
Worthington, E B 092362
Worthington, R E 083774
Worthington, R E 089106
Woszczyk, J 085102
Woyke, J 091164
Woyke, T 088503
Woytowicz, B 091716
Woytowicz, B 091717
Wrathall, A E 084468
Wrathall, A E 085655
Wray, C 085293
Wray, C 085508
Wray, W 087372
Wressell, H B 089859
Wriedt, J 083398
Wright, A I 085534
Wright, A J 088419
Wright, D 084744
Wright, D S C 089027
Wright, F C 090344
Wright, H 084092
Wright, I G 085224
Wright, J E 090251
Wright, J E 090276
Wright, J W 086024
Wright, L N 086717
Wright, M A 090376
Wright, M E 088064
Wright, N S 089442
Wright, R 084074
Wright, W R 089217
Wrischer, M 088018
Wrobel, S 087362
Wrobel, S 092338
Wrotnowska, 084983
Wrzesinska, W 087866
Wu, S 087002
Wu, S 087270
Wu, S H 084800
Wujanz, G 084290
Wujanz, G 085790
Wulff, J 084479
Wunschmann, J 088392
Wuppermann, D 085077
Wurmli, M 090938
Wurr, D C E 088867
Wurster, C F 090333
Wurster, C F 092360
Wuu, T Y 088132
Wuytack, F C M 084239
Wyborn, L G 090269
Wyborn, R 083470
Wycherley, P R 085956
Wyeth, T C 083304
Wygodzinsky, P 090892
Wyk, P J van 083839
Wyke, J A 085584
Wylie, C C 084120
Wyllie, T D 089225
Wyman, D 088747
Wyroba, A 083683
Xhomo, Z 088346
Xinxo, M 092018
Yacher, T H 090451
Yadav, I S 088779
Yadav, M P 085365
Yadav, R P 083094
Yadav, R P 086168
Yadava, R B R 087946
Yadava, R B R 088106
Yadev, S N 087573
Yagi, H 085651
Yagi, T 083722
Yaginauma, T 091010
Yaginuma, T 090861
Yahara, N 083859
Yahara, N 084417
Yahata, B 091686
Yahata, S 084611
Yajima, T 090827
Yajima, Y 082096
Yaku, F 086119
Yamada, A 086119
Yamada, S 082701
Yamada, S 082702
Yamada, S 082703
Yamada, S 085411
Yamada, T 087108
Yamada, Y 091764
Yamaguchi, A 086179
Yamaguchi, A 086180
Yamaguchi, H 090122
Yamaguchi, J 088312
Yamaguchi, K 091174
Yamaguchi, M 085052
Yamaguchi, M 088438
Yamaguchi, M 091655
Yamaguchi, S 082624
Yamaguchi, S 086992
Yamaguchi, S 092047
Yamaguchi, T 088434
Yamaguchi, T 089118
Yamaguchi, T 089119
Yamaguchi, T 089120
Yamakawa, K 087004
Yamamoto, H 089123
Yamamoto, K 082099
Yamamoto, K 082329
Yamamoto, K 083922
Yamamoto, R 086758
Yamamoto, R 086935
Yamamoto, R T 089905
Yamamoto, R T 090645
Yamamoto, T 085905
Yamamoto, T 086987
Yamamoto, T 089348
Yamanaka, K 084611
Yamanaka, M 086688
Yamanaka, N 082419
Yamasaki, N 084170
Yamasaki, O 083572
Yamasaki, T 090862
Yamashita, S 091315
Yamashita, Y 090399
Yamato, Y 082737
Yamato, Y 090325
Yamauchi, K 082832
Yamauchi, K 082833
Yamauchi, S 089262
Yamazaki, F 082929
Yamazaki, T 082713
Yamazaki, T 084159
Yamazaki, T 084533
Yamazaki, T 086467
Yanagisawa, K 087108
Yanagisawa, K O 087108
Yanai, K 081977
Yang, H C 083564
Yang, H Y 088859
Yang, K H 082878
Yang, N S 087038
Yang, S F 087234
Yang, S F 088154
Yang, S F 089542
Yang, T C 089441
Yang, W 087255
Yanishlieva, N 083187
Yanishlieva, N 083188
Yanishlieva, N 083189
Yankov, S I 083705
Yao, R C 082705
Yao, R C 083871
Yapel, A F 089585
Yapel, A F 089586
Yassin, A M 089466

Yasuda, K 085242
Yasuda, K 085652
Yasuda, S 085652
Yasuda, S 087809
Yasuda, T 091015
Yates, H O 090120
Yates, V J 085377
Yates, W E 090337
Yatsu, K 085284
Yawata, T 092225
Yaygin, H 083270
Yeager, J H 088403
Yearian, W C 089992
Yearian, W C 090136
Yeates, M 082030
Yeatman, C W 086011
Yedloutschnig, R J 085266
Yendol, W G 090128
Yendol, W G 090133
Yerington, A P 090178
Yesberg, N E 084075
Yfoulis, A 086920
Yli-Vakkuri, P 086033
Ynalvez, L A 086214
Yobs, A R 090346
Yoden, Y 084532
Yoden, Y 088404
Yokogi, S 088556
Yokohashi, H 087498
Yokoi, M 088148
Yokoo, M 086995
Yokota, H O 084599
Yokota, T 086187
Yokoyama, S 089324
Yomo, H 088176
Yomogihara, T 086994
Yonekura, H 084280
Yonezawa, D 083656
Yoshida, H 083178
Yoshida, H 083891
Yoshida, H 086149
Yoshida, K 089281
Yoshida, K 090400
Yoshida, M 083924
Yoshida, M 084414
Yoshida, M 084610
Yoshida, T 088561
Yoshida, T 091694
Yoshie, T 084608
Yoshihira, K 087606
Yoshii, H 092336
Yoshii, H 092337
Yoshikawa, M 087502
Yoshimura, S 082449
Yoshimura, S 083371
Yoshimura, S 089351
Yoshino, S 082159
Yoshioka, J 091651
Yoshioka, S 083722
Yost, G 088688
Yotov, A 092148
Youdeowei, A 089830
Youdeowei, A 090770
Young, A M 091024
Young, A S 090297
Young, B A 082363
Young, B A 083948
Young, B A 084145
Young, B A 084146
Young, B A 084148
Young, B A 084151
Young, B A 084153
Young, B A 084495
Young, B A 084503
Young, B A 084504
Young, B A 084505
Young, B A 091245
Young, Ba 084496
Young, C T 083595
Young, D W 087617
Young, H Y 089675
Young, L J 084727
Young, L J 092465
Young, R 090347
Young, R B 083463
Young, R H F 092455
Young, S B 086569
Young, S J V 082696
Young, S J V 083024
Young, S Y 089992
Young, S Y 090136
Young, S Y 090564
Youngner, V B 087702
Youngner, V B 092090
Youngs, V L 086908
Yousef, I M 084770
Yousef, K E H 090182
Youssef, M K E 083487
Yturraspe, D J 085049
Yu, M H 087085
Yun, K B 087339
Yunoki, T 089263
Yuruki, T 086043
Yuruki, T 086673
Yusa, K 088838
Yusa, K 091446
Yuta, E 088100
Yuta, E 091925
Zaazou, M H 089874
Zaazou, M H 089877
Zabala, N Q 089704
Zabik, M E 082712
Zabik, M E 090310
Zabik, M E 090313
Zabik, M E 090327
Zabinska, D 086699
Zadina, J 087156
Zadina, J 087157
Zadina, J 089404
Zadina, J 089405
Zadow, J G 083307
Zadrazil, F 088604
Zadrazil, F 088605
Zagardan, A 091425
Zagardan, A 092042
Zaghlool, O A 089975
Zagibalova, T D 083768
Zagorodnov, M V 085109
Zagrodzki, S 083585
Zaharija, I 085537
Zaher, M A 090091
Zaher, M A 090787
Zaher, M A 090806
Zaher, M A 090813
Zaher, M A 090817
Zahn, F G 088853
Zahn, F G 090065
Zahner, H 087237
Zahran, M K 089714
Zaikina, G F 082291
Zaitlin, M 089411
Zaitschek, D V 087436
Zaitsev, V B 092132
Zaitseva, G N 091672
Zajic, K 092076
Zajicek, D 085558
Zak, J M 087242
Zak, Z 084688
Zakay-Rones, Z 085281
Zakharova, L S 088031
Zaki, K 084371
Zaki, K 084966
Zakic, Z 085549
Zakirov, M Z 083010
Zakula, S 084722
Zala, P M 084198
Zaletel, I 084746
Zaman, A 087535
Zaman, A 087607
Zaman, F U 086975
Zambrana Penaloza, W 091360
Zambrana, J A 086087
Zambrana, J A 089731
Zamorani, A 083091
Zamorani, A 083749
Zamuco, G I 086802
Zanetti, R 085649
Zanin, E 085248
Zanker, K 092135
Zanoni, A E 092329
Zanoni, G 082526
Zanoni, G 084782
Zanoni, G 091233
Zanotti, L 087204
Zantinga, J W 085708
Zaoral, J 084383
Zaoral, J 084735
Zaoral, J 084973
Zapatka, F A 083016
Zardi, L 087285
Zaremba, A 085182
Zarnowski, E 085426
Zarnowski, J 087205
Zarzycki, K 087200
Zatti, E 084558
Zatyko, F 082252
Zatyko, F 091927
Zavala, M A 084702
Zavier, S H 090994
Zavodtsova, L M 083590
Zavrnik, V 085158
Zavrnik, V 085165
Zayed, M N 091777
Zayed, M N 091778
Zayed, M N 091779
Zayed, M N 091780
Zayed, M N 091785
Zayed, M N 091786
Zazou, H 089892
Zazula, R 088254
Zdrazil, K 091369
Zebrowska, T 084315
Zecevic, L 086836
Zech, W 086029
Zedgenidze, Sh A 086963
Zehnder, H J 083012
Zeid, M 089876
Zeid, M M 089879
Zeid, M M 089884
Zeid, M M 089885
Zel'ner, V R 083389
Zel'ner, V R 084733
Zel'tser, V IA 091457
Zelazny, B 090036
Zeledon, R 091025
Zelenko, A P 090440
Zeliger, Y 084853
Zelinka, M 090577
Zelitch, I 087121
Zelitch, I 087848
Zellner, R 091235
Zemanek, F 084381
Zemanek, J 087883
Zemanek, J 089720
Zemjanis, R 085048
Zenon-roland, L 089369
Zentmyer, G A 088992
Zentmyer, G A 089183
Zentmyer, G A 089238
Zenz, H 083628
Zerbe, J 085055
Zerbe, J 085056
Zerbi, G 092207
Zerillo, R T 090124
Zettler, F W 089656
Zhirmunskaia, N M 087737
Zhirmunskaia, N M 089634
Zhitneva, N N 087734
Zhuraev, T 092262
Zhuravlev, A A 088549
Zidan, Z H 090321
Zidan, Z H 091837
Ziderman, I 083051
Zieba, J 090871
Zielinska, A 087873
Zielke, E 090296
Zielke, E 090298
Zikan, J 084166
Zilla, T 084668
Zilske, E 090301
Zimmer, D E 087118
Zimmer, D E 089237
Zimmerman, G 082956
Zimmerman, G 083136
Zimmerman, G 083883
Zimmerman, G K 092058
Zimmermann, F 091561
Zimmermann, H 086925
Zimmermann, H 087096
Zimmermann, H 088656
Zimmermann, J 087096
Zimmermann, U 090521
Zimowski, A 085788
Zink, F W 088988
Zinkel, D F 088302
Zinov'eva, K B 089794
Zinov'eva, K B 089795
Zinov'eva, K B 089796
Zinov'eva, K B 089797
Zinov'eva, K B 089798
Zinov'eva, K B 090608
Zinov'eva, K B 090609
Zinov'eva, K B 090610
Zinov'eva, K B 090617
Zinov'eva, K B 090618
Zinsly, J R 087141
Zinsly, J R 087150
Ziolecki, A 084225
Ziskal, J 082485
Zissler, D 090838
Ziv, G 084374
Zivkovic, R 084342
Zivkovic, S 084956
Zivnuska, J 085947
Zizzo, N 082643
Zmarlicki, C 091207
Zmrhal, I 088940
Zmudzinski, J 085701
Znaniecka, G 084314
Znaniecka, H 082785
Zobel, B 086009
Zobel, B J 086075
Zohdy, L 091785
Zohdy, L 091786
Zoletto, R 085248
Zolotov, V V 091193
Zoltai, S C 085969
Zoltai, S C 091734
Zon, A Q van 089845
Zook, B C 085803
Zorn, E 091345
Zorrilla Manas, J A 089000
Zorrilla Manas, J A 089995
Zorrilla Manas, J A 089996
Zosymovych, V P 086961
Zottl, B F 082483
Zottl, H W 085831
Zoutewelle, G 087104
Zscheile, F P 087768
Zscheile, F P 089193
Zscheischler, J 088546
Zschoche, W C 088160
Zsigo, I 083061
Zsoldos, F 087646
Zsolt, J 087197
Zu Solms-Lich, H O 082115
Zubairov, D M 084254
Zuber, M S 087037
Zuber, M S 089200
Zucker, M 088172
Zuidema, F C 091256
Zuk, B 084917
Zumbach, W 091460
Zumbach, W 091467
Zummo, N Dept. of Agriculture 088534
Zumpt, F 091054
Zupancic, Z 085537
Zurawski, H 089718
Zurbickij, Z I 092010
Zurcher, K 082718
Zurcher, K 083253
Zurowski, T 082364
Zurowski, T 082727
Zuska, J 089980
Zuzel, J F 092213
Zwart, D 085530
Zwatz, B 089172
Zwatz, B 089173
Zwingli, W 082180
Zwingmann, W 085668
Zyl, L G van 084487
Zyl, L G van 088382

261

CIN'TI 9-74


U.S. DEPARTMENT OF AGRICULTURE
NATIONAL AGRICULTURAL LIBRARY